PHOTOMETRICS REPORT

WELL PANEL

WIRELESS EVENT LED LUMINAIRE

ACCESSORY FILTERS



CHAUVET
PROFESSIONAL

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Testing Process

Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion®, which takes multiple measurements across a light beam to calculate the total delivered lumens, beam, and field of a product. These values can be described as the empirical output of the product as it projects from the lens or lenses. All photometric data contained in this report are obtained from the actual illuminance of the tested Chauvet light source and are never theoretical values derived from calculations.

Testing Lab Equipment and Process

The Chauvet headquarters in Sunrise, Florida has a climate- and light-controlled photometric testing laboratory where Chauvet products are analyzed and photometric data are measured using the Viso Systems LabSpion® light measurement solution.

This system includes a spectrometer sensor, which measures the precise light and color output of the fixture, and a two-axis goniometer, which rotates the product to allow for multi-angle and multi-directional measurement. The Viso Light Inspector software then collects and summarizes the data. From the data gathered, the software can also measure the beam and field angles, accurate color temperature, color quality, and illuminance at multiple distances. The custom-built, Chauvet-specific template presents this information in the photometric and chromaticity reports that follow.

IES (Illuminating Engineering Society) files, an industry-standard file format, are also generated from each test for easy distribution of photometric data.

Several light meters are also used for specific products or to recheck for precision. Accuracy is verified using one or more of the devices listed below:

- Sekonic SpectroMaster C-700-U
- EXTECH HD450 Datalogging Heavy Duty Light Meter
- Asensetek Essence Lighting Passport

To ensure accurate measurements in every photometric or chromaticity test, Chauvet routinely calibrates the LabSpion® system every six months as recommended by Viso Systems.

Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Report Summary

Output

Total Lumens: 5590 lm
Peak Intensity: 18358 cd
Illuminance @ 5m: 734 lux
Fixture Efficacy: 22 lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 29°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 53.4°
Horizontal Cutoff Angle (3%): 76.8°
Vertical Cutoff Angle (3%): 74.8°



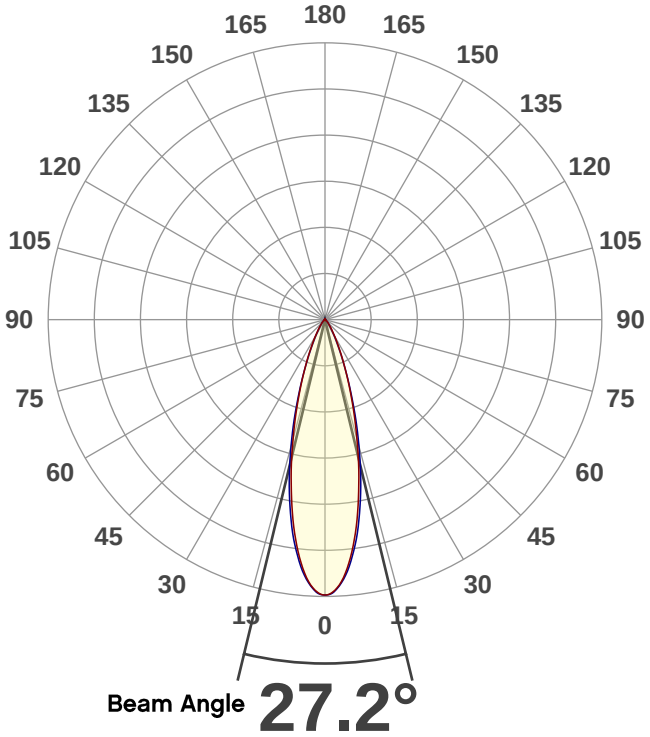
Conditions

AC Supply: 119 V, 60 Hz
Power: 253.48 W
Current: 2.13 A
Power Factor: 1.0

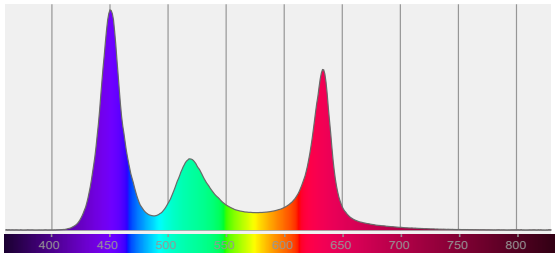
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 1/28/2021 to LM-63-2002 Standards.

Overall Measurement

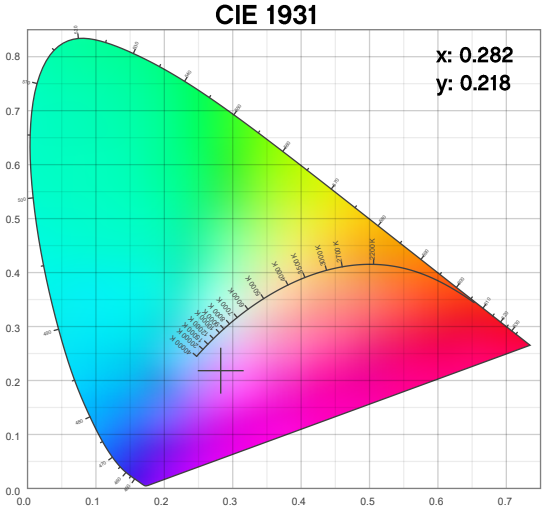
Angular Beam Distribution



Spectral Distribution



CIE 1931

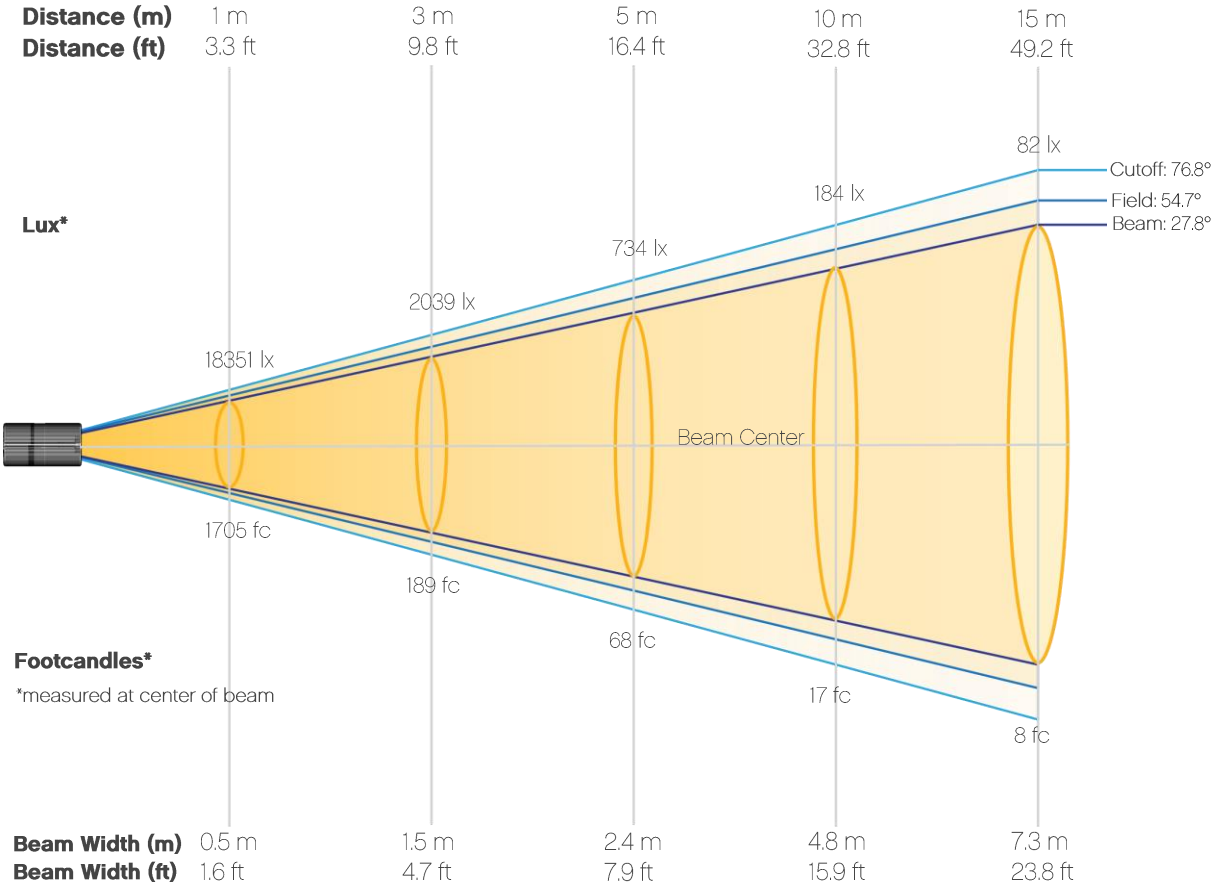


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

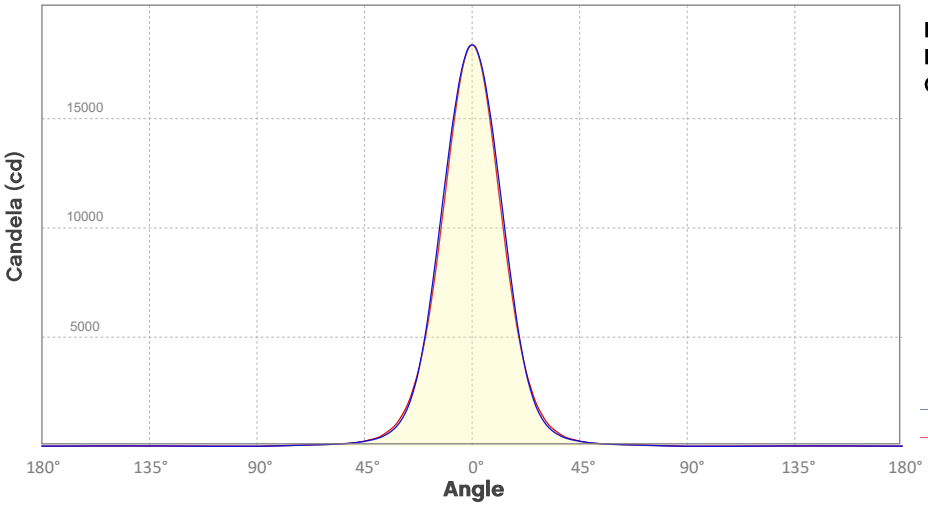
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18351	4588	2039	1147	734	510	375	287	227	184
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	152	127	109	94	82	72	63	57	51	46
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1705	426	189	107	68	47	35	27	21	17
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	14	12	10	9	8	7	6	5	5	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

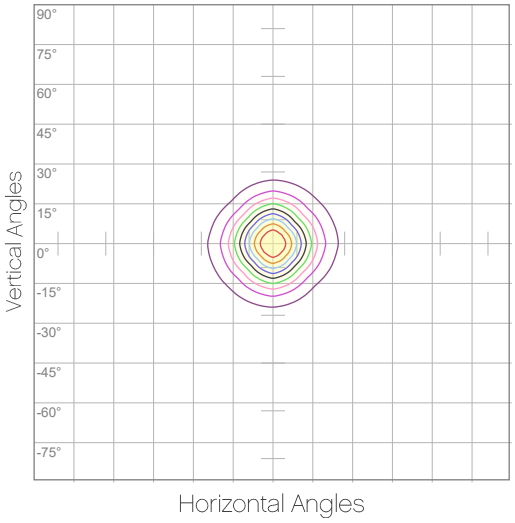
Candela Plot



Beam Angle (50%): 27.2°
Field Angle (10%): 52.5°
Cutoff Angle (3%): 74.3°

Horizontal Distribution
Vertical Distribution

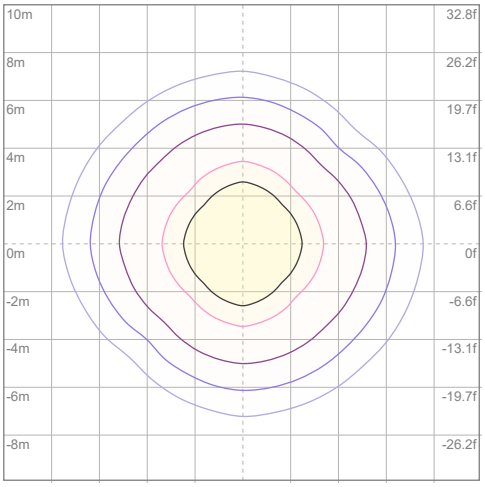
Polar Diagrams



iso-candela Diagram

10%	1835 cd
20%	3670 cd
30%	5505 cd
40%	7340 cd
50%	9175 cd
60%	11011 cd
70%	12846 cd
80%	14681 cd
90%	16516 cd

Conditions:
Number of c-planes: 8
Candela at center: 18351 cd



iso-illuminance Diagram

3%	5.51 lx
5%	9.18 lx
10%	18.4 lx
30%	55.1 lx
50%	91.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 184 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power-Stable

Report Summary

Output

Total Lumens: 4923 lm
Peak Intensity: 17982 cd
Illuminance @ 5m: 658 lux
Fixture Efficacy: 19 lm/W

Optical

Horizontal Beam Angle (50%): 27.6°
Vertical Beam Angle (50%): 28.7°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 52.9°
Horizontal Cutoff Angle (3%): 76.6°
Vertical Cutoff Angle (3%): 74.2°



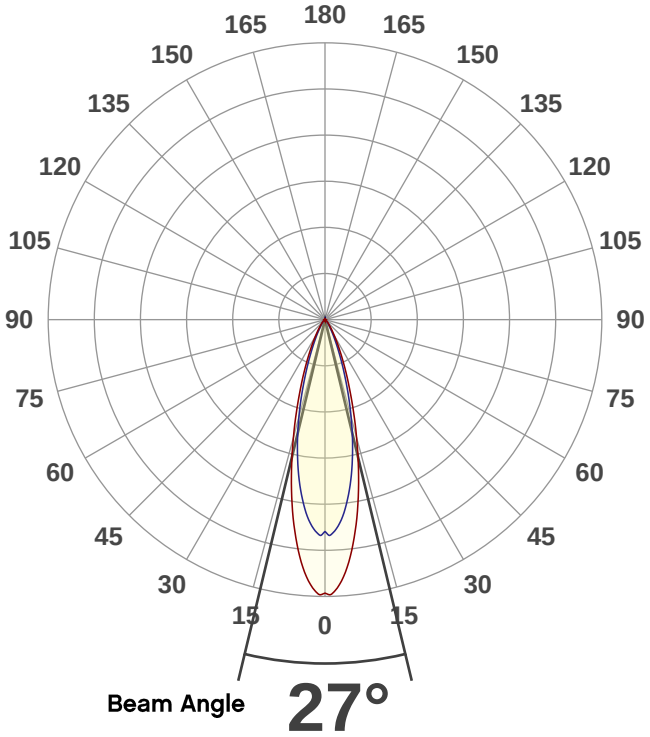
Conditions

AC Supply: 120 V, 60 Hz
Power: 265.25 W
Current: 2.22 A
Power Factor: 1.0

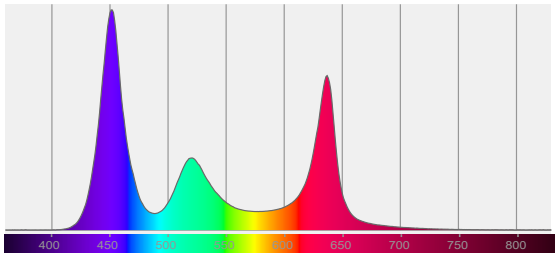
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Overall Measurement

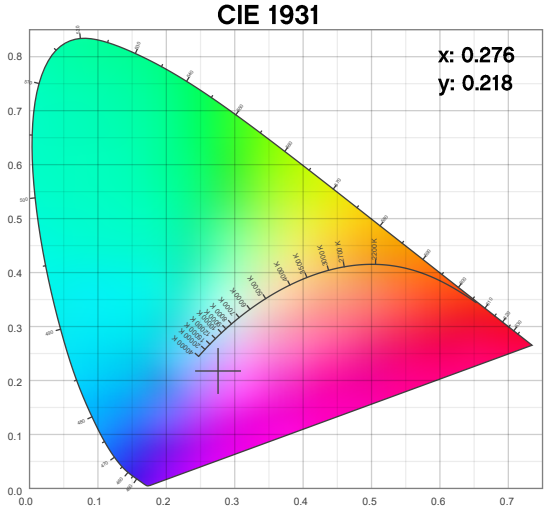
Angular Beam Distribution



Spectral Distribution



CIE 1931

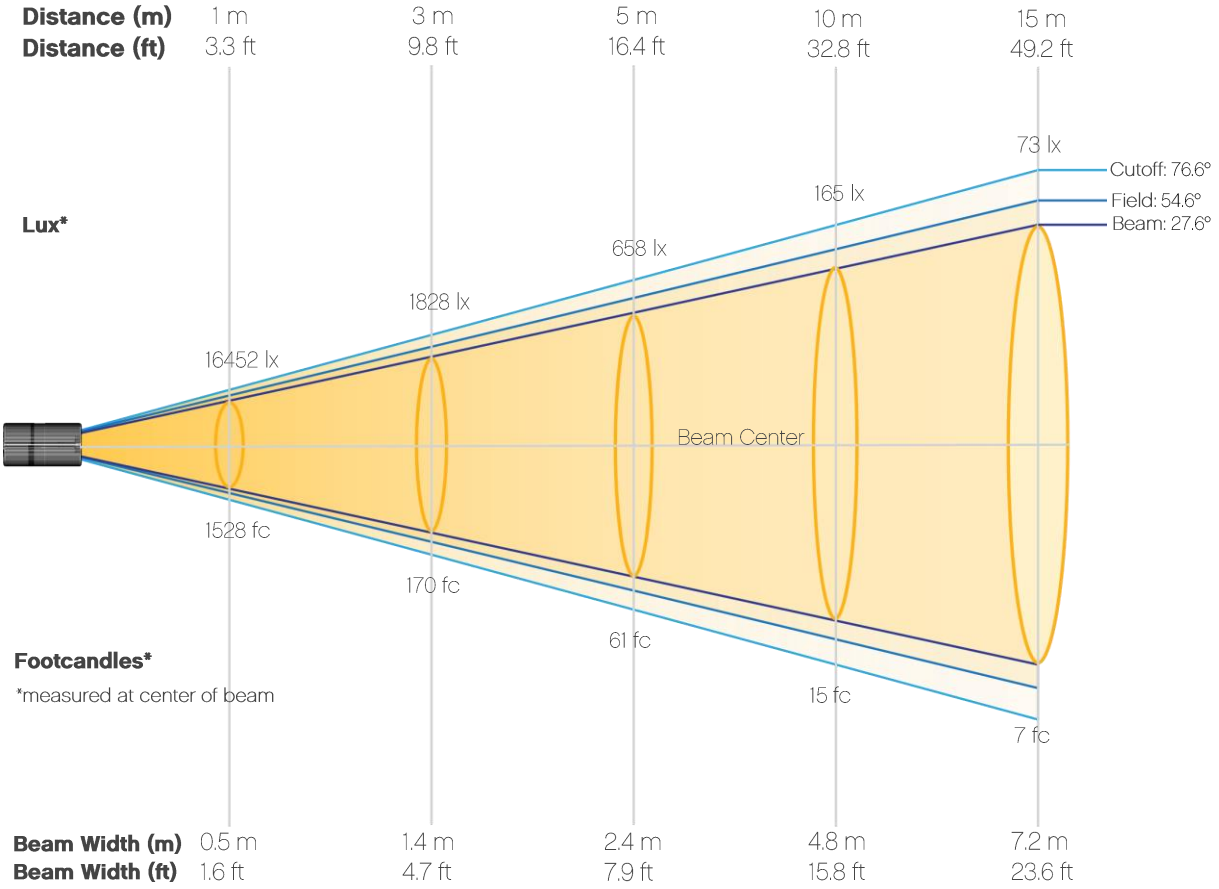


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power-Stable

Beam Details



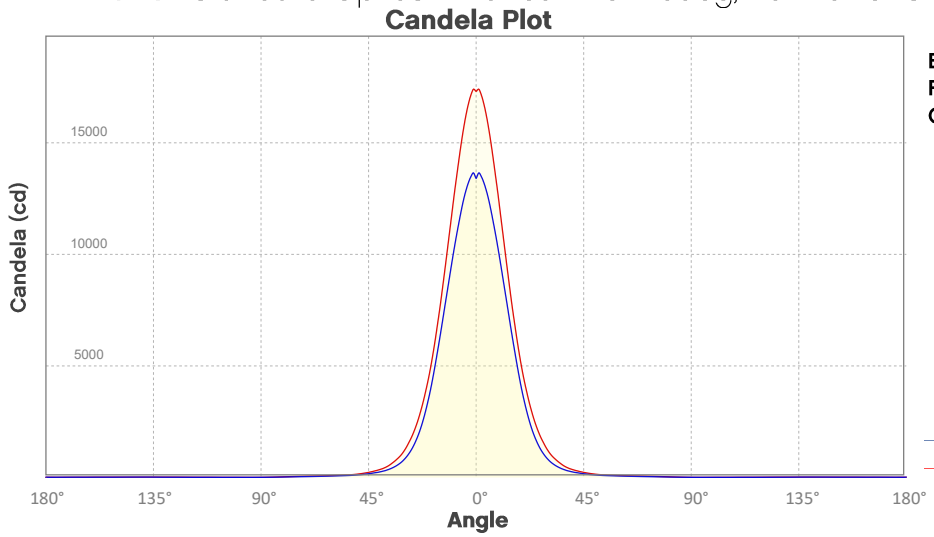
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16452	4113	1828	1028	658	457	336	257	203	165
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	136	114	97	84	73	64	57	51	46	41
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1528	382	170	96	61	42	31	24	19	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	13	11	9	8	7	6	5	5	4	4

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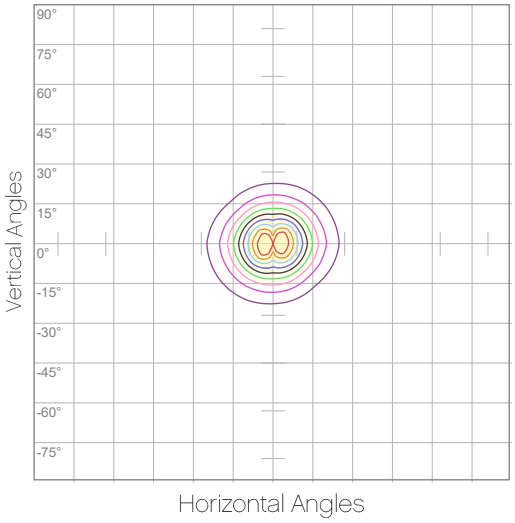
Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power-Stable



Beam Angle (50%): 27°
Field Angle (10%): 52.3°
Cutoff Angle (3%): 73.9°

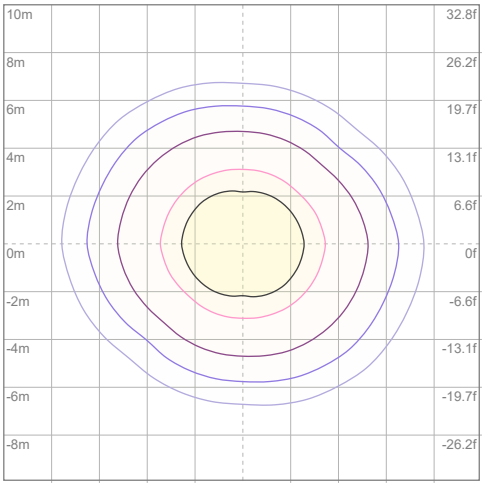
Polar Diagrams



iso-candela Diagram

10%	1645 cd
20%	3290 cd
30%	4936 cd
40%	6581 cd
50%	8226 cd
60%	9871 cd
70%	11516 cd
80%	13161 cd
90%	14807 cd

Conditions:
Number of c-planes: 8
Candela at center: 16452 cd



iso-illuminance Diagram

3%	4.94 lx
5%	8.23 lx
10%	16.5 lx
30%	49.4 lx
50%	82.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 165 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Report Summary

Output

Total Lumens: 4903 lm
Peak Intensity: 15771 cd
Illuminance @ 5m: 492 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 41.4°
Vertical Beam Angle (50%): 23.2°
Horizontal Field Angle (10%): 65°
Vertical Field Angle (10%): 44.8°
Horizontal Cutoff Angle (3%): 87.2°
Vertical Cutoff Angle (3%): 66.4°



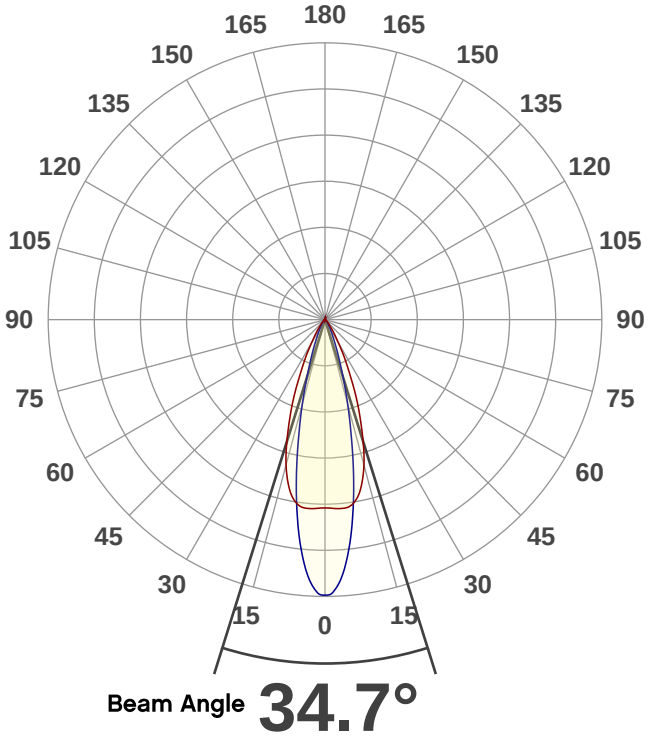
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 2/1/2021 to LM-63-2002 Standards.

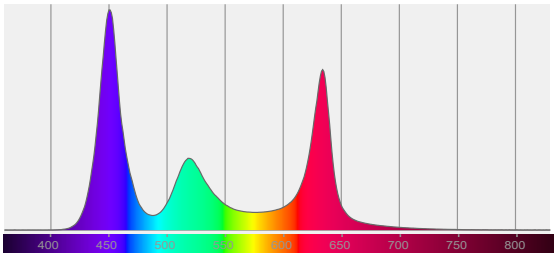
Overall Measurement

Angular Beam Distribution

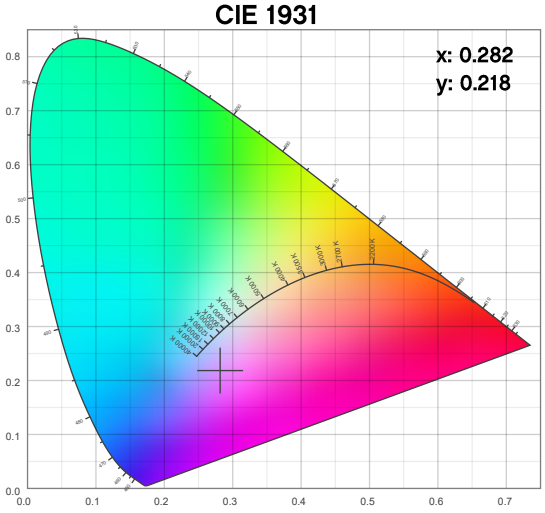


Beam Angle **34.7°**

Spectral Distribution



CIE 1931

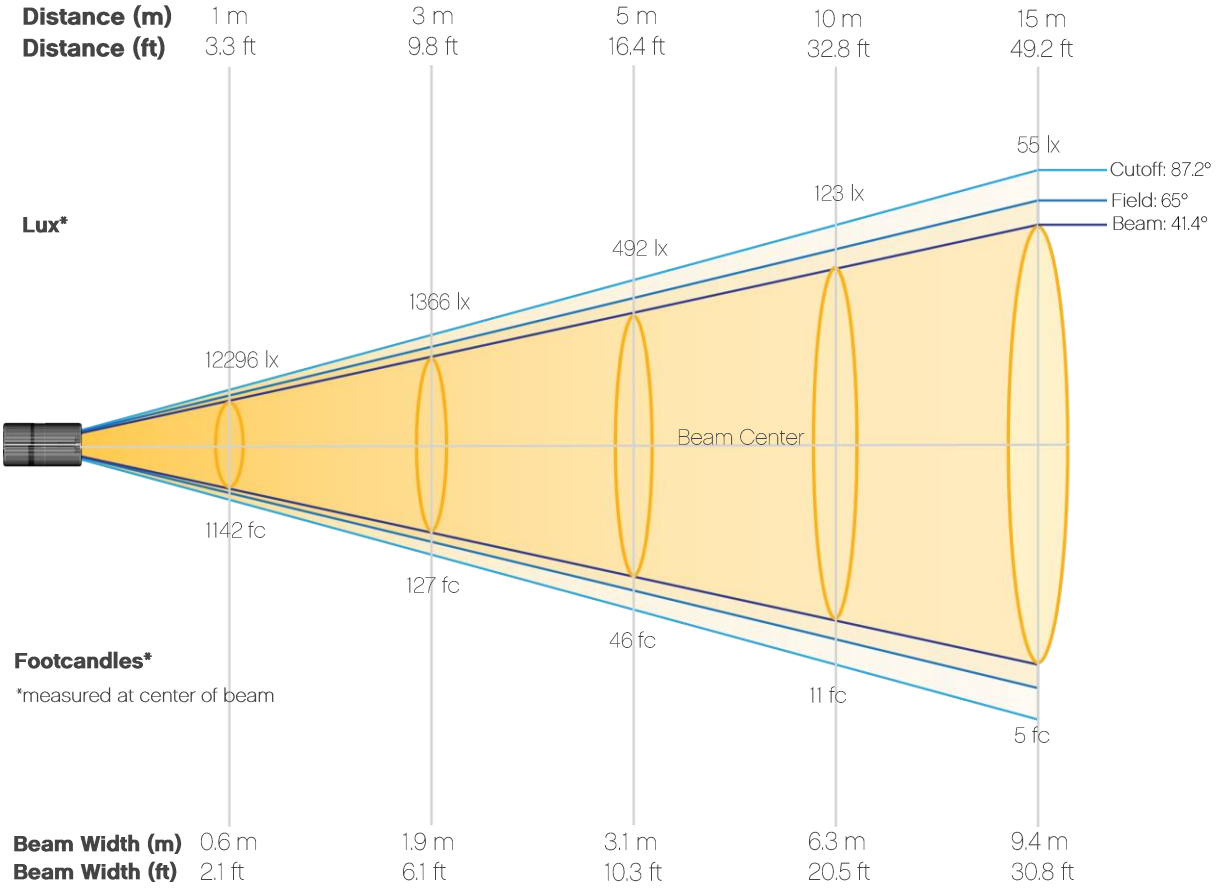


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

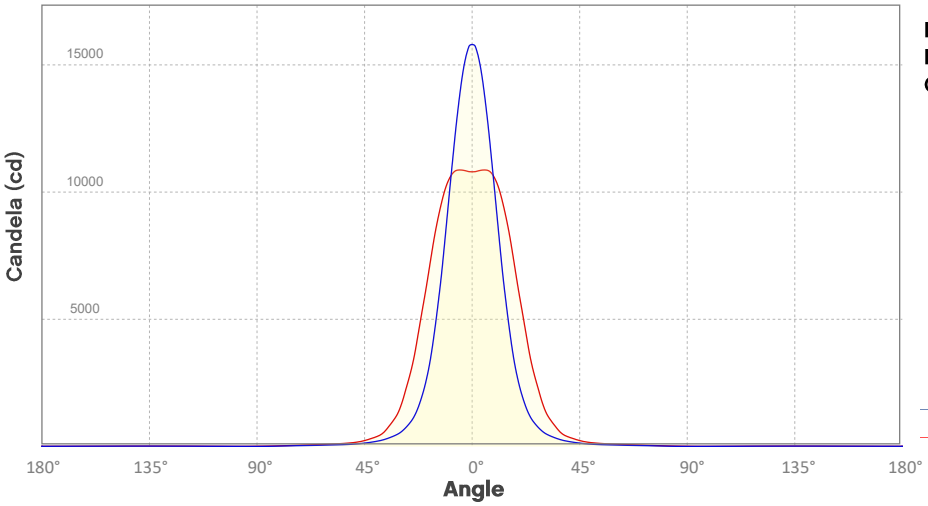
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12296	3074	1366	768	492	342	251	192	152	123
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	102	85	73	63	55	48	43	38	34	31
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1142	286	127	71	46	32	23	18	14	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	7	6	5	4	4	4	3	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

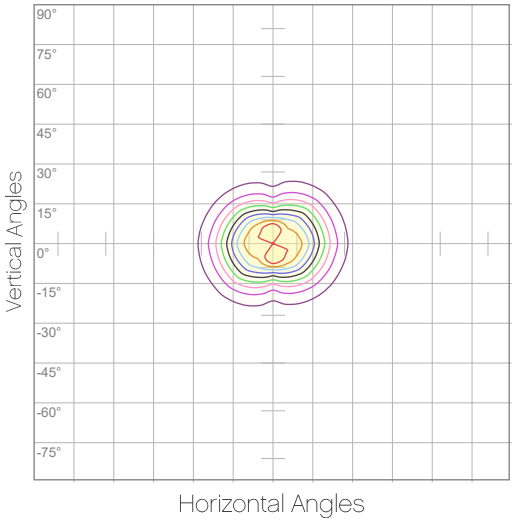
Candela Plot



Beam Angle (50%): 34.7°
Field Angle (10%): 57.8°
Cutoff Angle (3%): 79.4°

Horizontal Distribution
Vertical Distribution

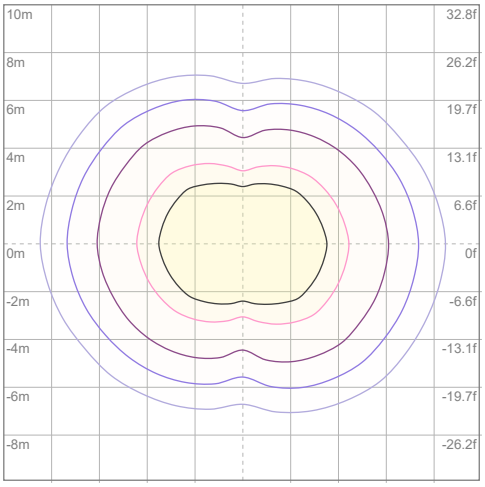
Polar Diagrams



iso-candela Diagram

10%	1230 cd
20%	2459 cd
30%	3689 cd
40%	4918 cd
50%	6148 cd
60%	7378 cd
70%	8607 cd
80%	9837 cd
90%	11066 cd

Conditions:
Number of c-planes: 8
Candela at center: 12296 cd



iso-illuminance Diagram

3%	3.69 lx
5%	6.15 lx
10%	12.3 lx
30%	36.9 lx
50%	61.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 123 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Report Summary

Output

Total Lumens: 2651 lm
Peak Intensity: 9177 cd
Illuminance @ 5m: 340 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 31.6°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 55.8°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 77.6°



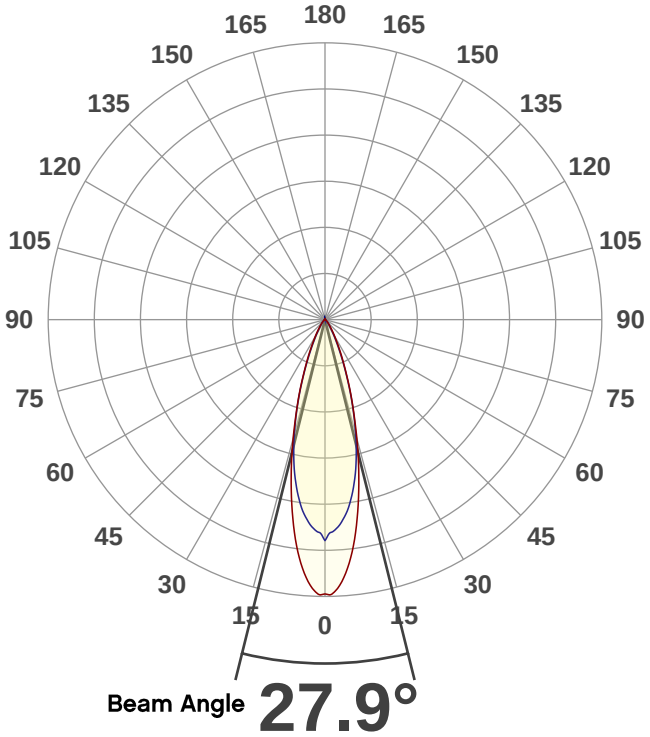
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

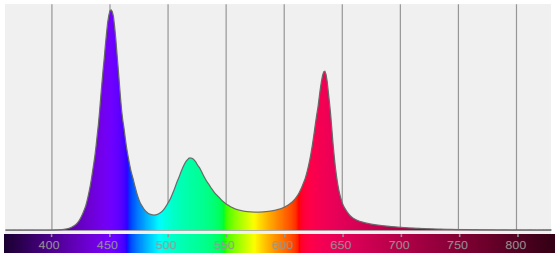
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Overall Measurement

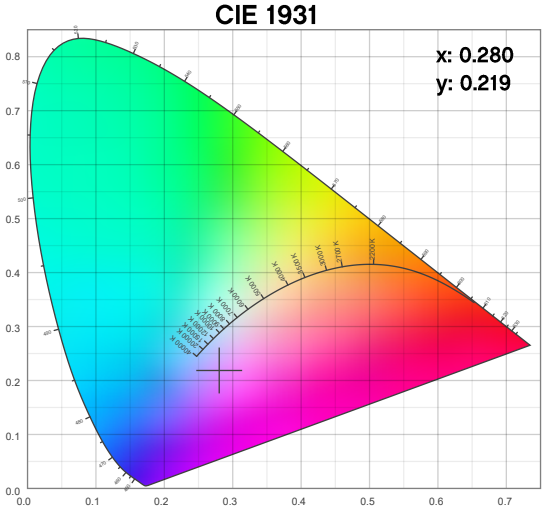
Angular Beam Distribution



Spectral Distribution



CIE 1931

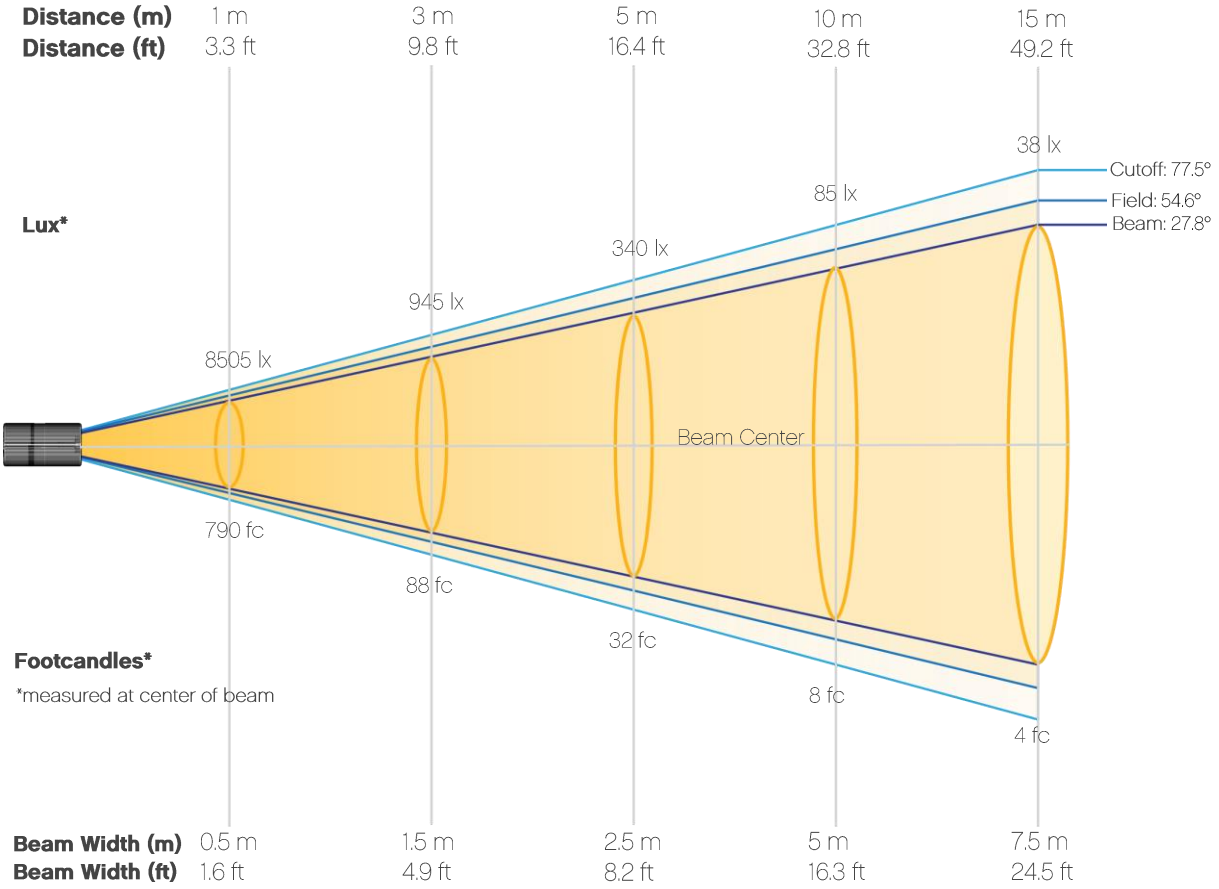


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

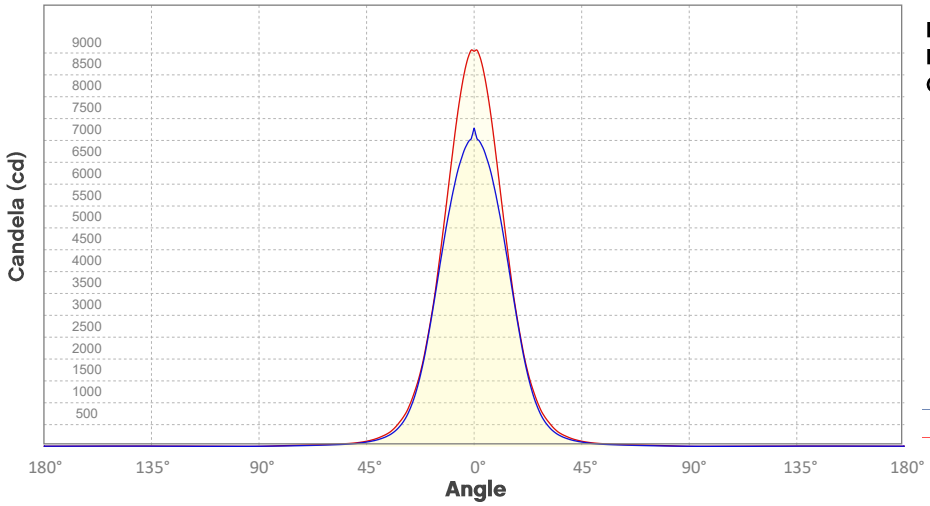
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8505	2126	945	532	340	236	174	133	105	85
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	70	59	50	43	38	33	29	26	24	21
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	790	198	88	49	32	22	16	12	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	5	5	4	4	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

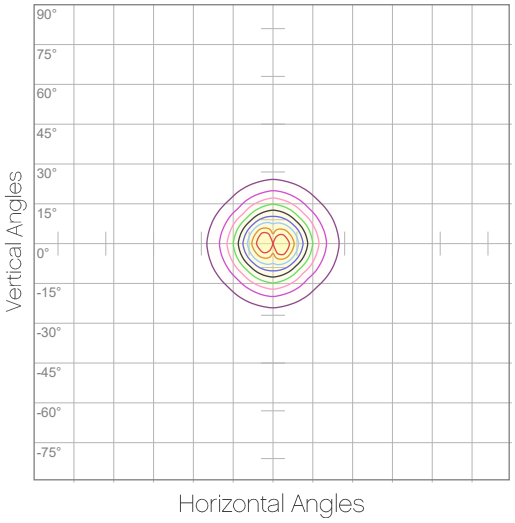
Candela Plot



Beam Angle (50%): 27.9°
Field Angle (10%): 53.4°
Cutoff Angle (3%): 75.4°

Horizontal Distribution
Vertical Distribution

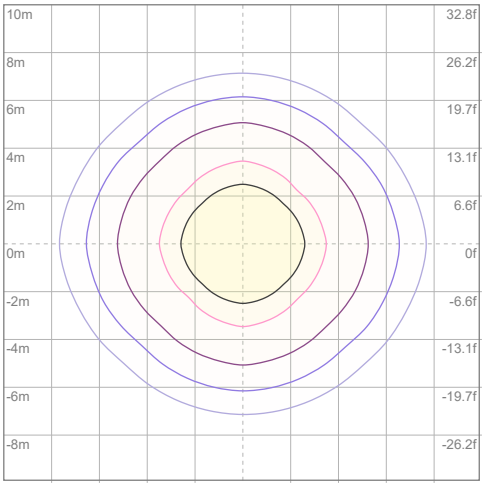
Polar Diagrams



iso-candela Diagram

10%	850 cd
20%	1701 cd
30%	2551 cd
40%	3402 cd
50%	4252 cd
60%	5103 cd
70%	5953 cd
80%	6804 cd
90%	7654 cd

Conditions:
Number of c-planes: 8
Candela at center: 8505 cd



iso-illuminance Diagram

3%	2.55 lx
5%	4.25 lx
10%	8.50 lx
30%	25.5 lx
50%	42.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 85.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Report Summary

Output

Total Lumens: 1662 lm
Peak Intensity: 5745 cd
Illuminance @ 5m: 212 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 32°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 56.1°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 77.9°



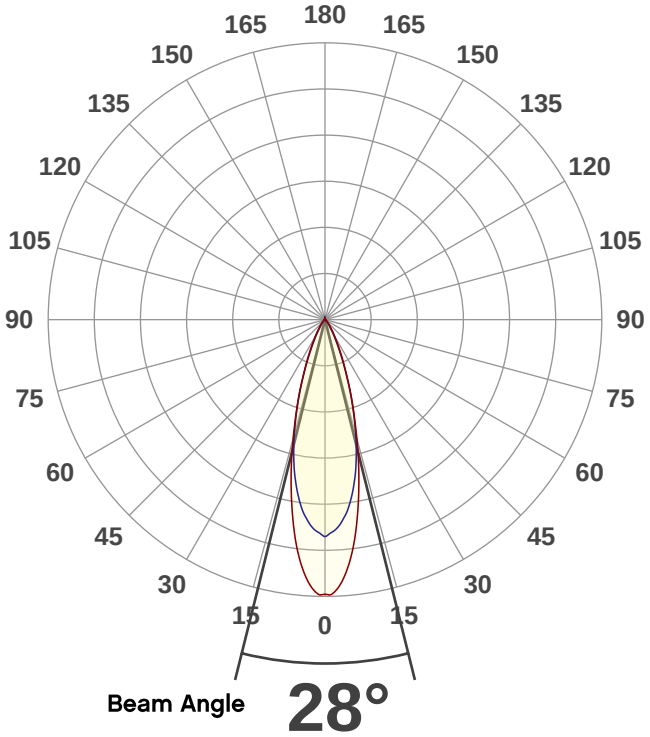
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

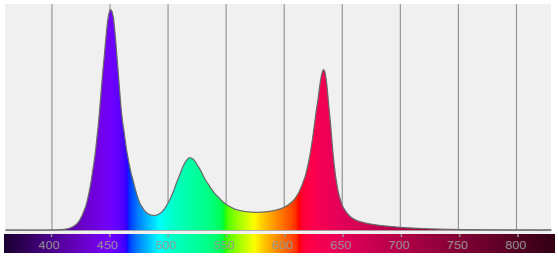
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Overall Measurement

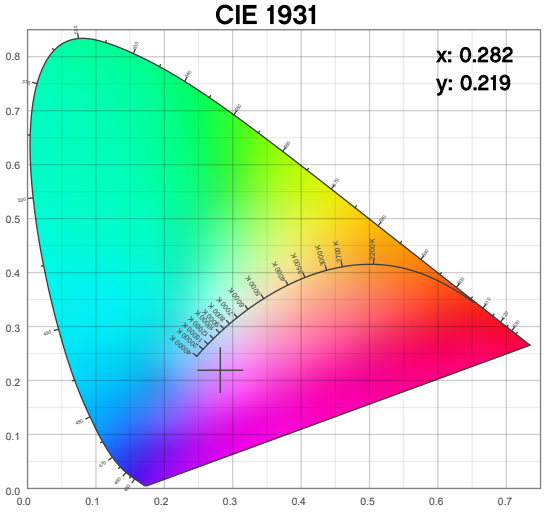
Angular Beam Distribution



Spectral Distribution



CIE 1931

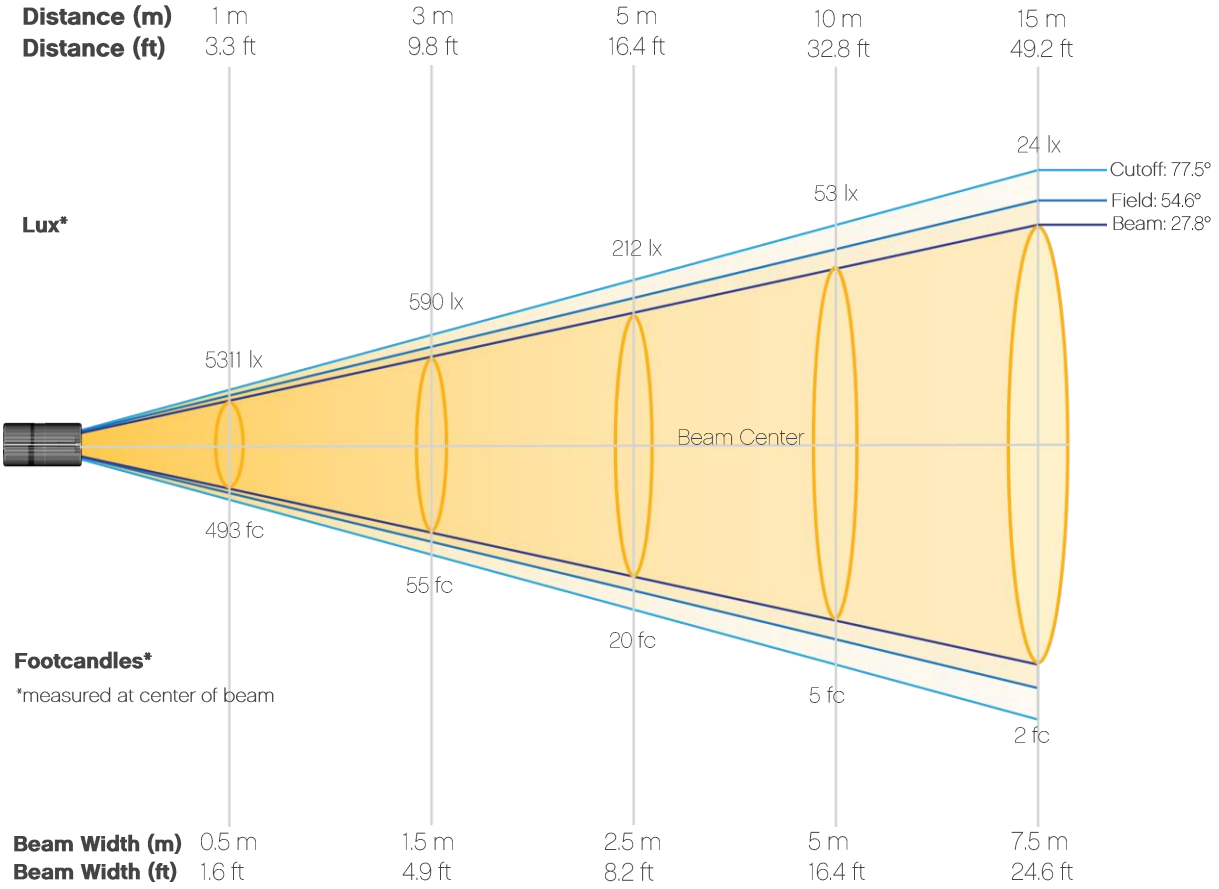


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

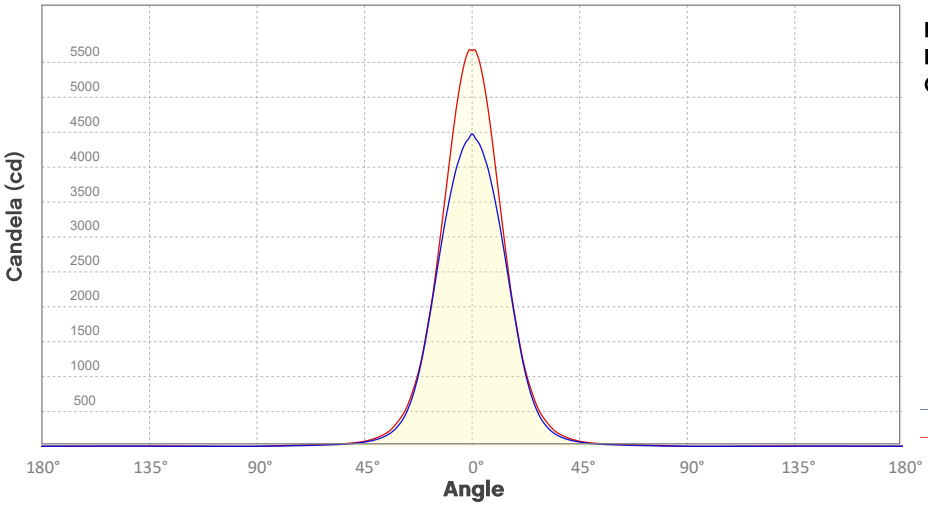
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5311	1328	590	332	212	148	108	83	66	53
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	44	37	31	27	24	21	18	16	15	13
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	493	123	55	31	20	14	10	8	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	3	2	2	2	2	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Full Power

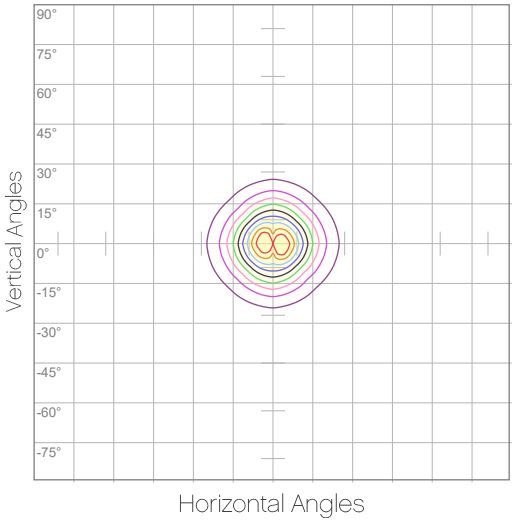
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.4°
Cutoff Angle (3%): 75.5°

Horizontal Distribution
Vertical Distribution

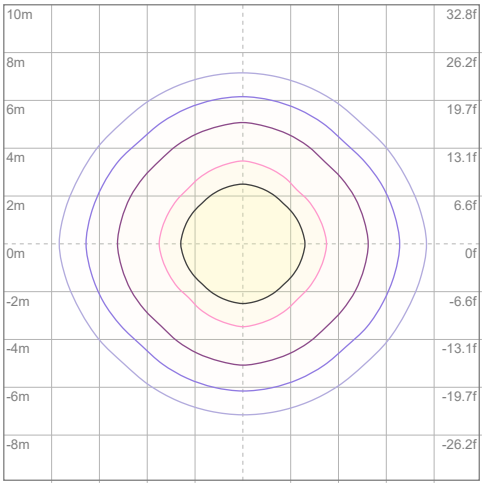
Polar Diagrams



iso-candela Diagram

10%	531 cd
20%	1062 cd
30%	1593 cd
40%	2124 cd
50%	2655 cd
60%	3187 cd
70%	3718 cd
80%	4249 cd
90%	4780 cd

Conditions:
Number of c-planes: 8
Candela at center: 5311 cd



iso-illuminance Diagram

3%	1.59 lx
5%	2.66 lx
10%	5.31 lx
30%	15.9 lx
50%	26.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 53.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Report Summary

Output

Total Lumens: 2420 lm
Peak Intensity: 8251 cd
Illuminance @ 5m: 330 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 27.3°
Vertical Beam Angle (50%): 28.5°
Horizontal Field Angle (10%): 53.8°
Vertical Field Angle (10%): 52.4°
Horizontal Cutoff Angle (3%): 75°
Vertical Cutoff Angle (3%): 73.1°



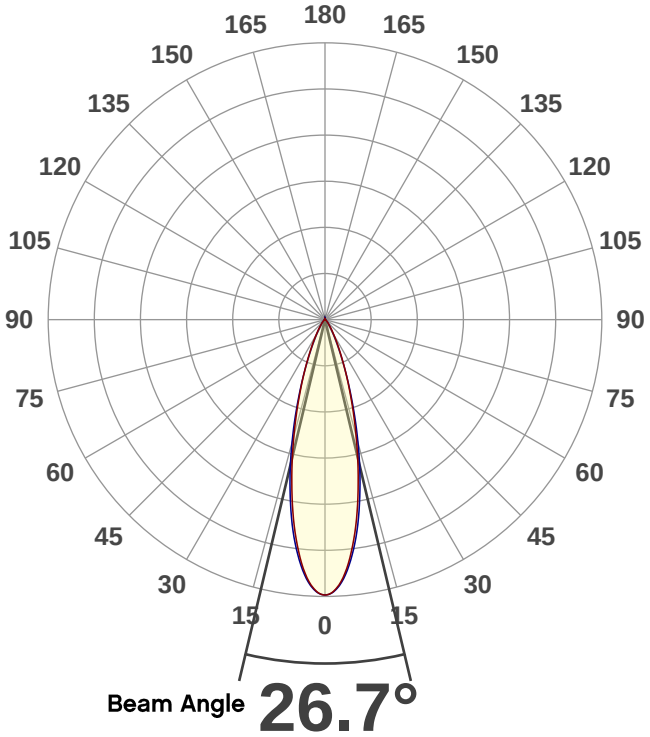
Conditions

AC Supply: 119 V, 60 Hz
Power: 257.43 W
Current: 2.16 A
Power Factor: 1.0

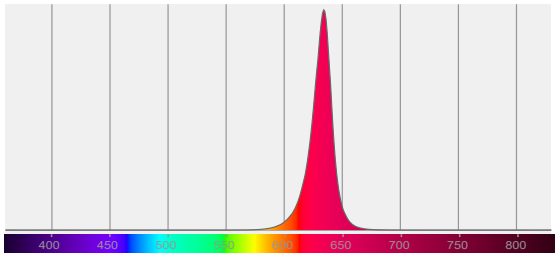
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Overall Measurement

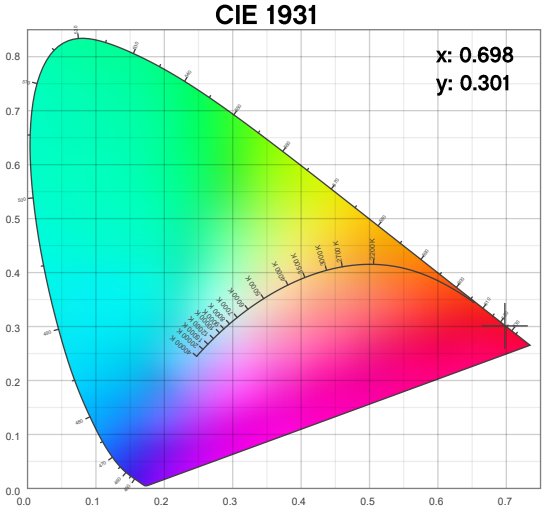
Angular Beam Distribution



Spectral Distribution



CIE 1931

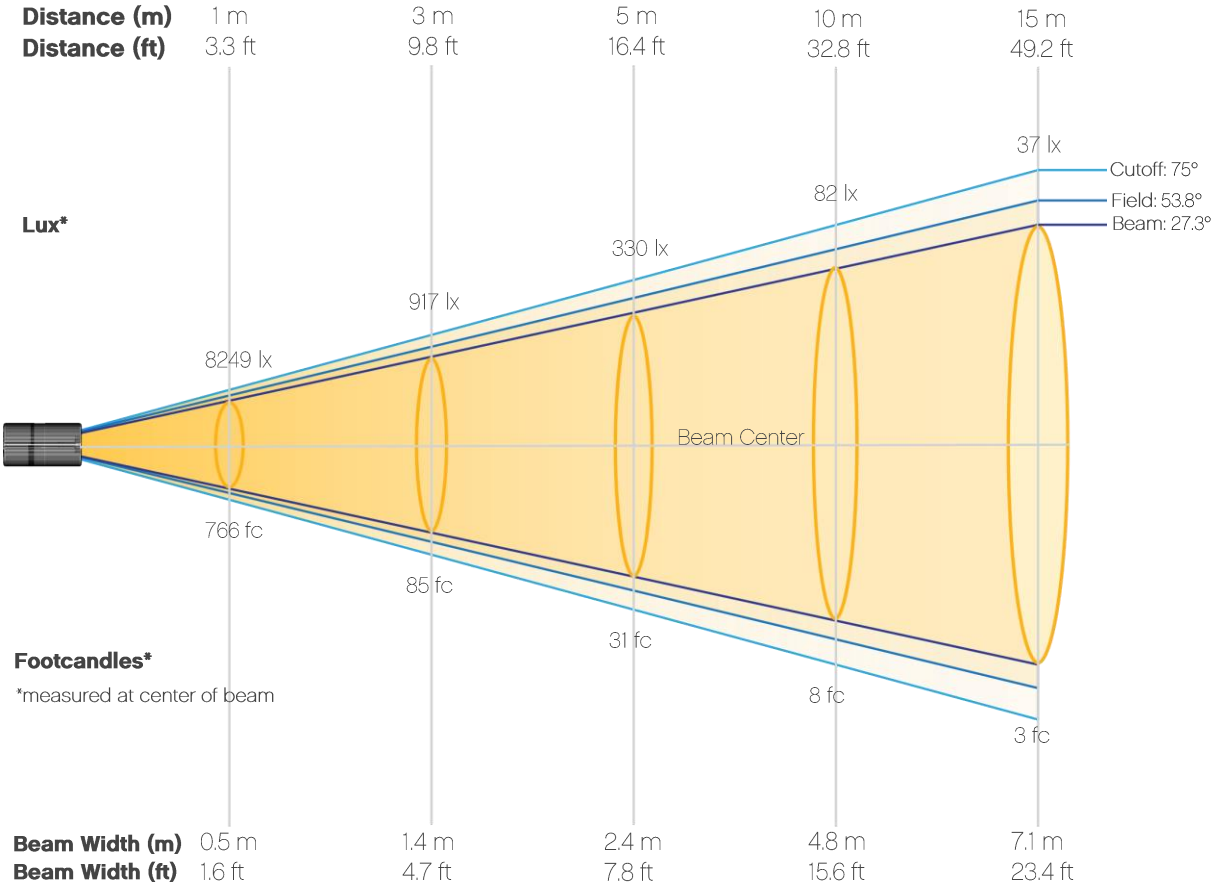


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

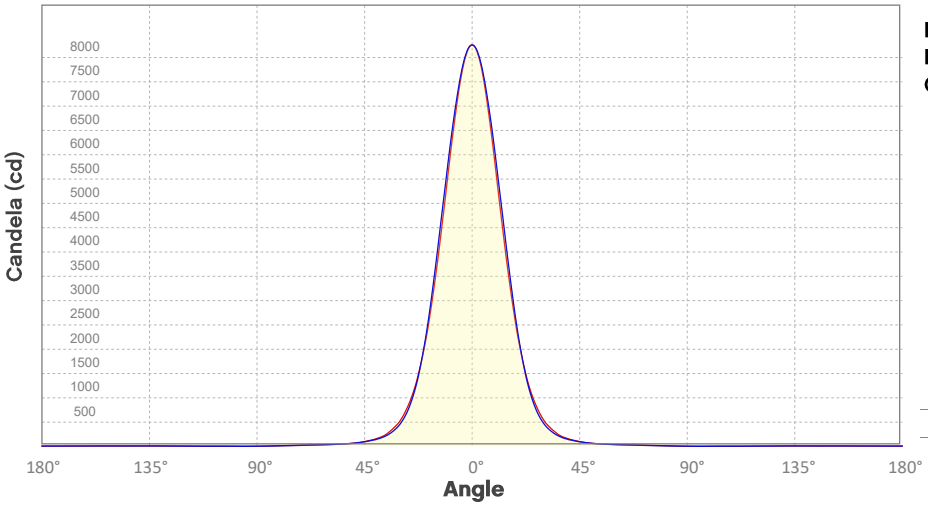
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8249	2062	917	516	330	229	168	129	102	82
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	68	57	49	42	37	32	29	25	23	21
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	766	192	85	48	31	21	16	12	9	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	5	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

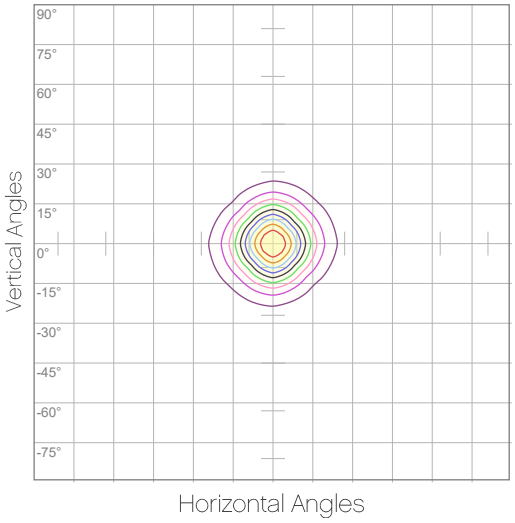
Candela Plot



Beam Angle (50%): 26.7°
Field Angle (10%): 51.6°
Cutoff Angle (3%): 72.5°

Horizontal Distribution
Vertical Distribution

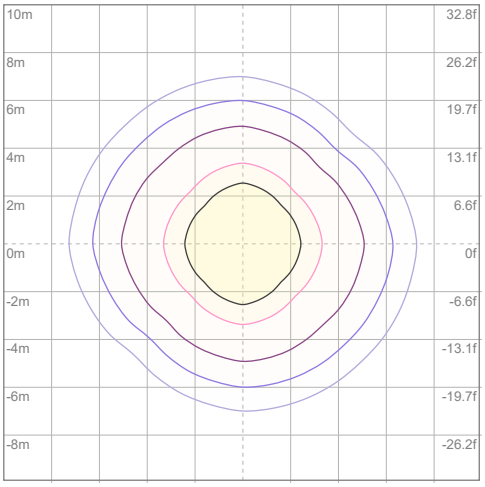
Polar Diagrams



iso-candela Diagram

10%	825 cd
20%	1650 cd
30%	2475 cd
40%	3299 cd
50%	4124 cd
60%	4949 cd
70%	5774 cd
80%	6599 cd
90%	7424 cd

Conditions:
Number of c-planes: 8
Candela at center: 8249 cd



iso-illuminance Diagram

3%	2.47 lx
5%	4.12 lx
10%	8.25 lx
30%	24.7 lx
50%	41.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 82.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Report Summary

Output

Total Lumens: 2457 lm
Peak Intensity: 8145 cd
Illuminance @ 5m: 251 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 41°
Vertical Beam Angle (50%): 22.8°
Horizontal Field Angle (10%): 64.1°
Vertical Field Angle (10%): 43.8°
Horizontal Cutoff Angle (3%): 85.4°
Vertical Cutoff Angle (3%): 64.7°



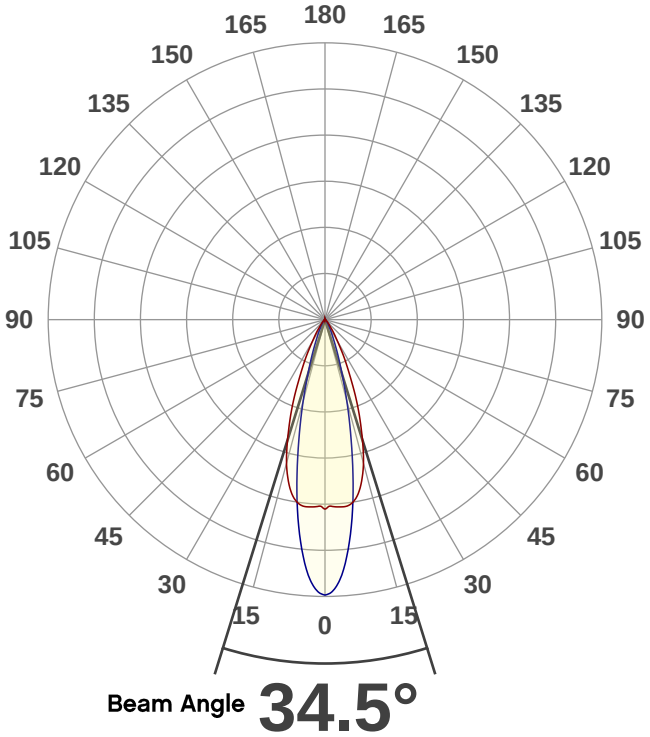
Conditions

AC Supply: 121 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

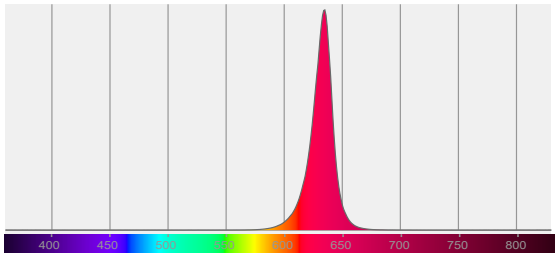
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Overall Measurement

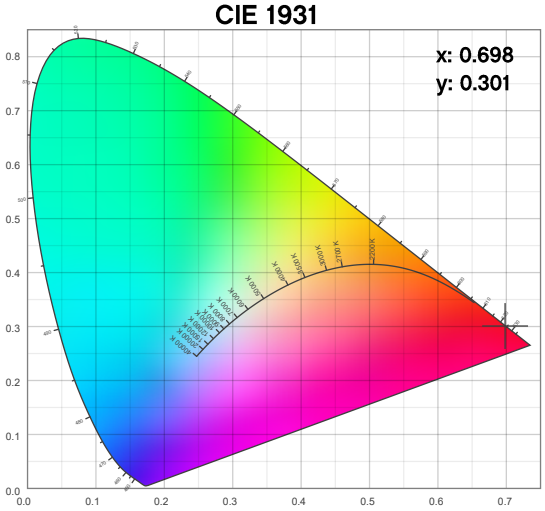
Angular Beam Distribution



Spectral Distribution



CIE 1931

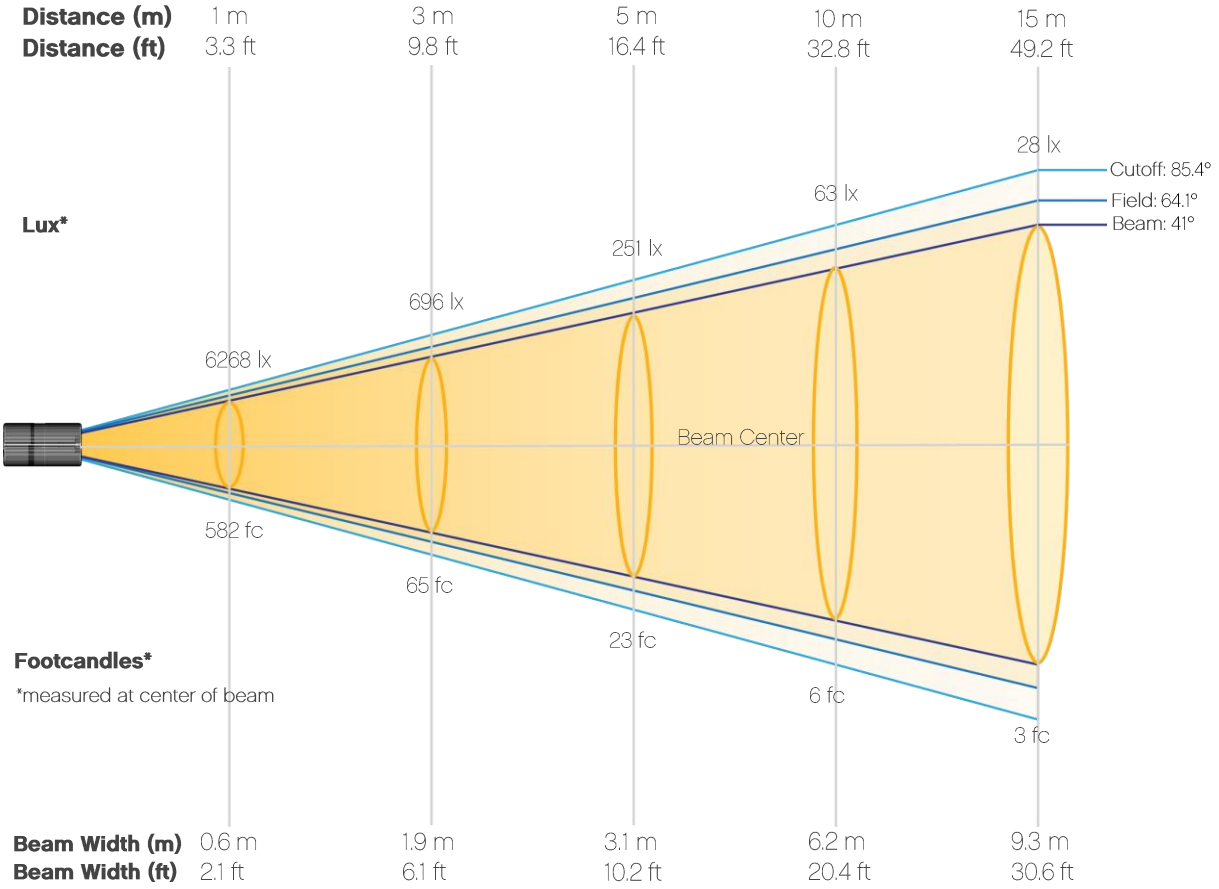


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

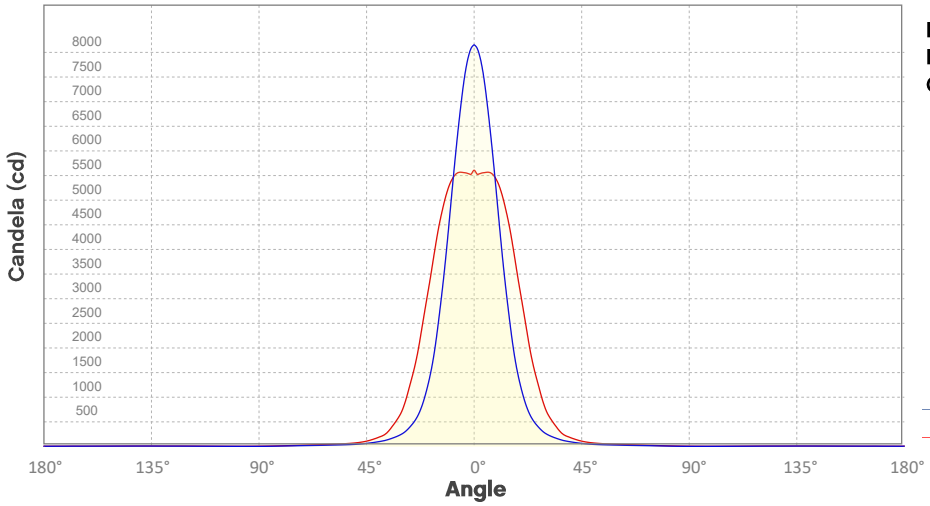
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6268	1567	696	392	251	174	128	98	77	63
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	52	44	37	32	28	24	22	19	17	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	582	146	65	36	23	16	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	3	3	3	2	2	2	2	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

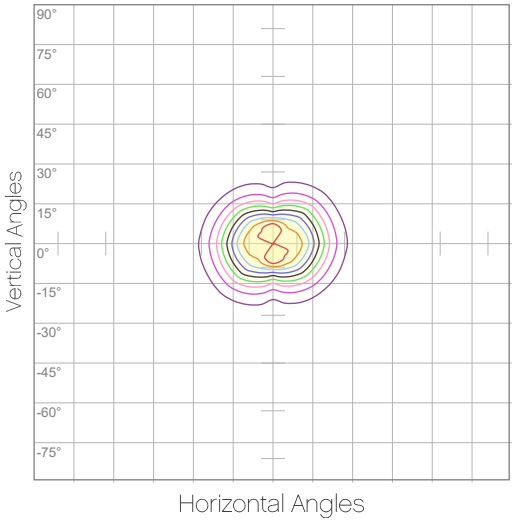
Candela Plot



Beam Angle (50%): 34.5°
Field Angle (10%): 57.1°
Cutoff Angle (3%): 77.9°

Horizontal Distribution
Vertical Distribution

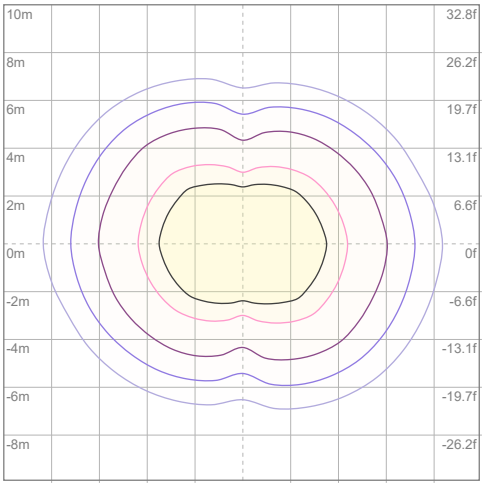
Polar Diagrams



iso-candela Diagram

10%	627 cd
20%	1254 cd
30%	1880 cd
40%	2507 cd
50%	3134 cd
60%	3761 cd
70%	4387 cd
80%	5014 cd
90%	5641 cd

Conditions:
Number of c-planes: 8
Candela at center: 6268 cd



iso-illuminance Diagram

3%	1.88 lx
5%	3.13 lx
10%	6.27 lx
30%	18.8 lx
50%	31.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 62.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Report Summary

Output

Total Lumens: 2148 lm
Peak Intensity: 7622 cd
Illuminance @ 5m: 281 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.2°
Vertical Beam Angle (50%): 31.9°
Horizontal Field Angle (10%): 53.6°
Vertical Field Angle (10%): 55.5°
Horizontal Cutoff Angle (3%): 75.7°
Vertical Cutoff Angle (3%): 76.9°



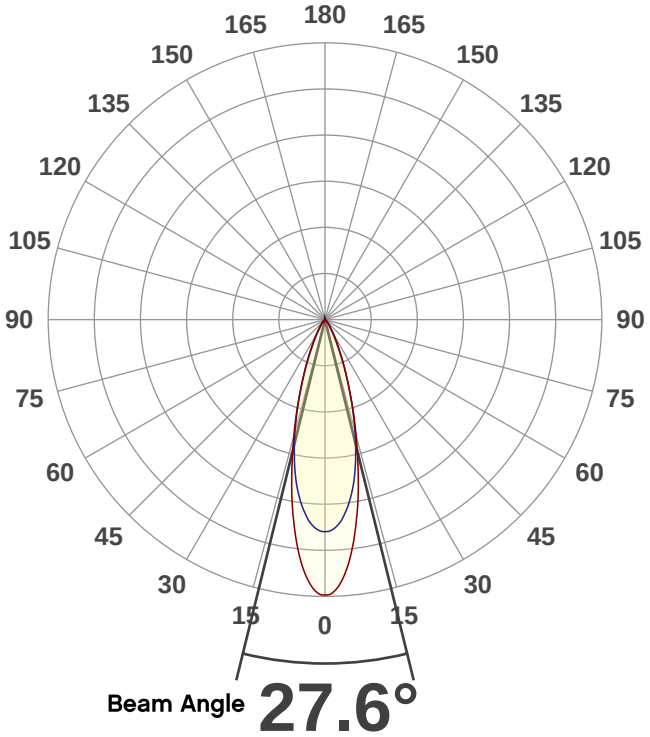
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

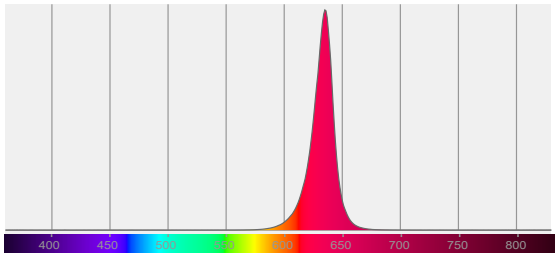
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Overall Measurement

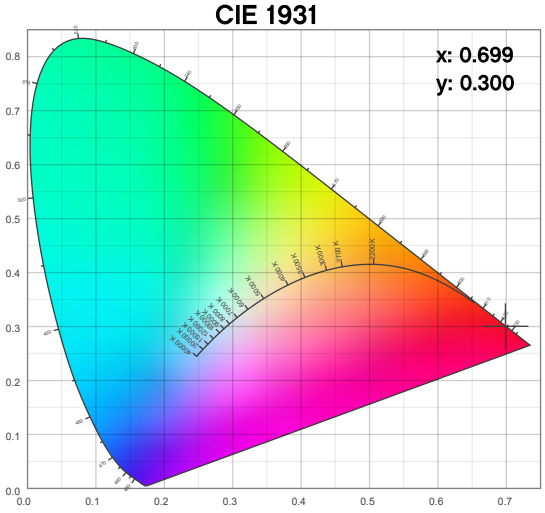
Angular Beam Distribution



Spectral Distribution



CIE 1931

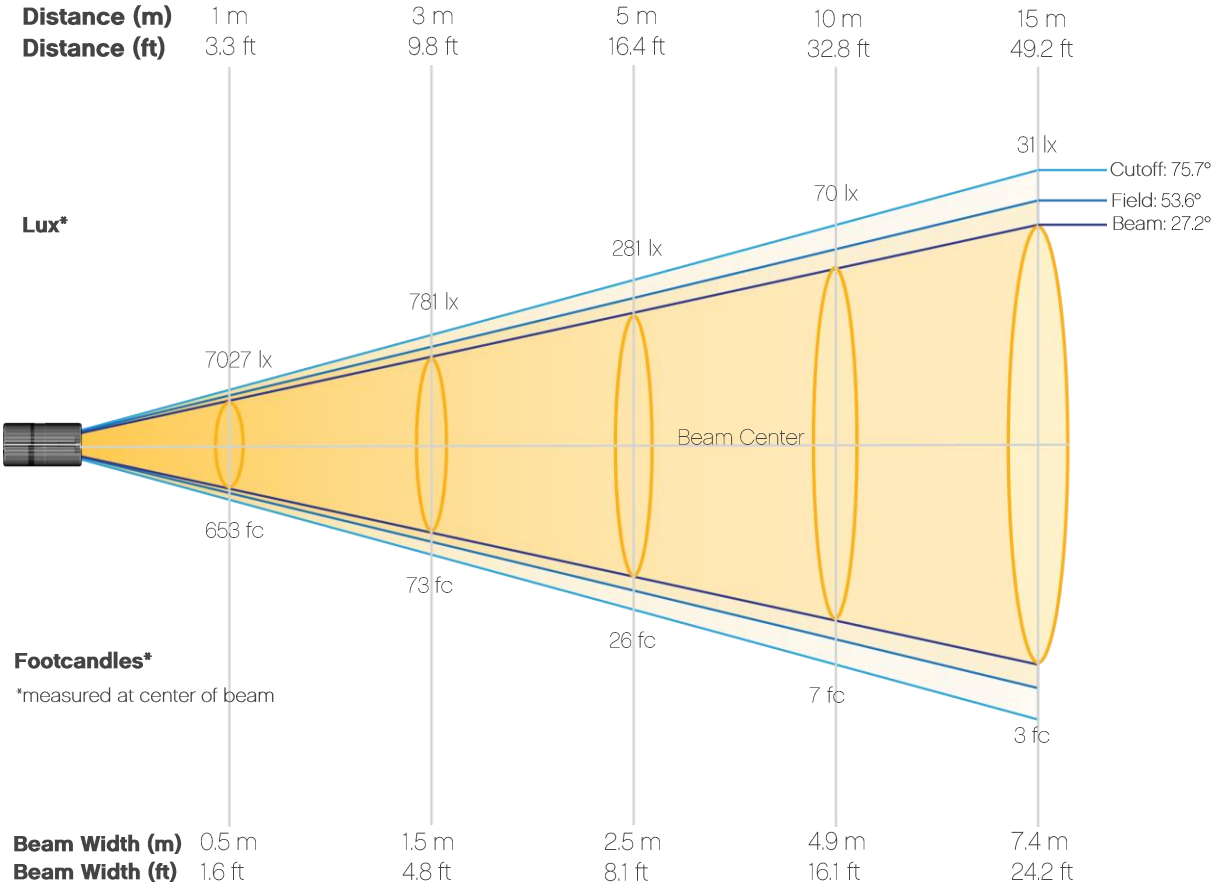


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

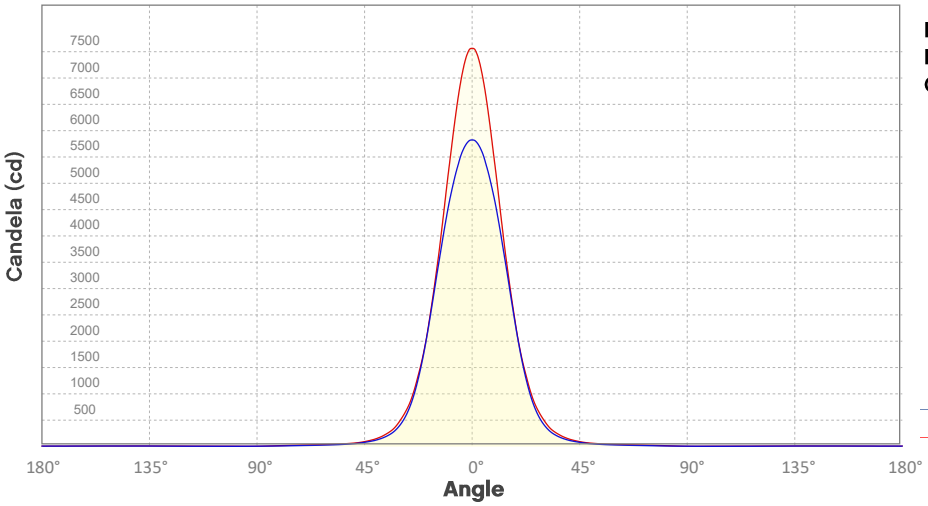
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7027	1757	781	439	281	195	143	110	87	70
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	58	49	42	36	31	27	24	22	19	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	653	163	73	41	26	18	13	10	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	5	4	3	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

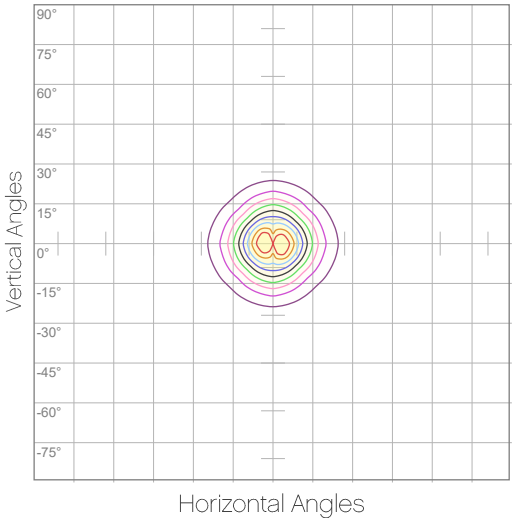
Candela Plot



Beam Angle (50%): 27.6°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 74°

Horizontal Distribution
Vertical Distribution

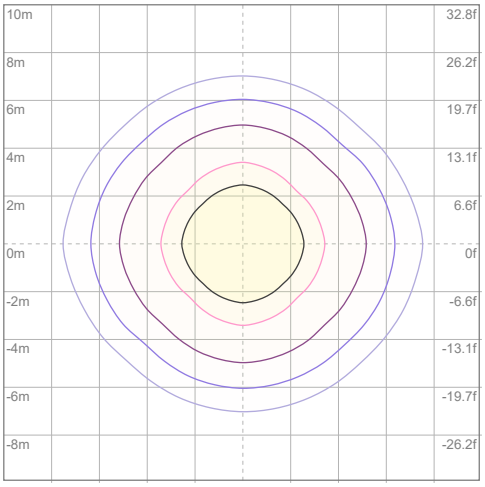
Polar Diagrams



iso-candela Diagram

10%	703 cd
20%	1405 cd
30%	2108 cd
40%	2811 cd
50%	3513 cd
60%	4216 cd
70%	4919 cd
80%	5621 cd
90%	6324 cd

Conditions:
Number of c-planes: 8
Candela at center: 7027 cd



iso-illuminance Diagram

3%	2.11 lx
5%	3.51 lx
10%	7.03 lx
30%	21.1 lx
50%	35.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 70.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Report Summary

Output

Total Lumens: 722 lm
Peak Intensity: 2558 cd
Illuminance @ 5m: 94 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.3°
Vertical Beam Angle (50%): 31.9°
Horizontal Field Angle (10%): 53.5°
Vertical Field Angle (10%): 55.4°
Horizontal Cutoff Angle (3%): 75.8°
Vertical Cutoff Angle (3%): 76.8°



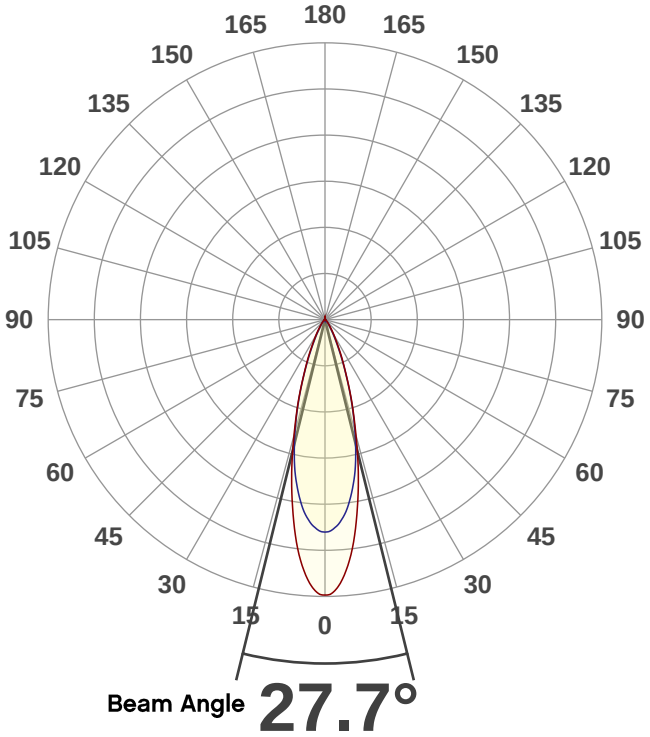
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

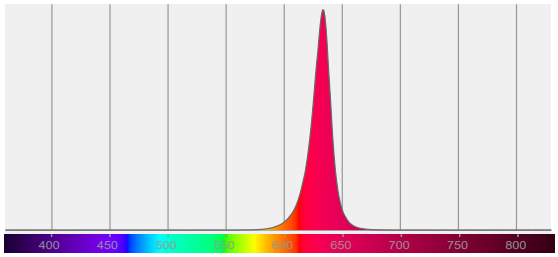
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Overall Measurement

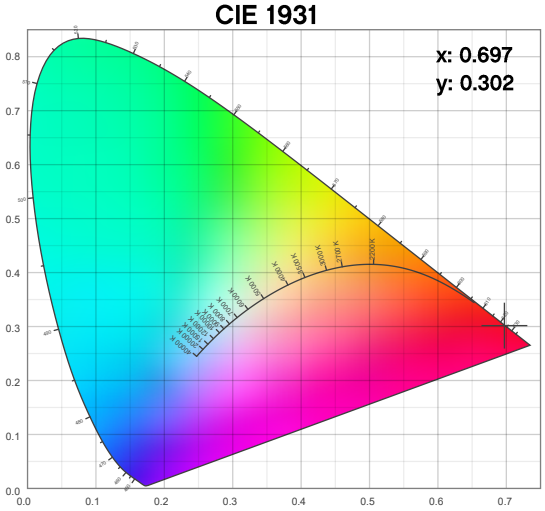
Angular Beam Distribution



Spectral Distribution



CIE 1931

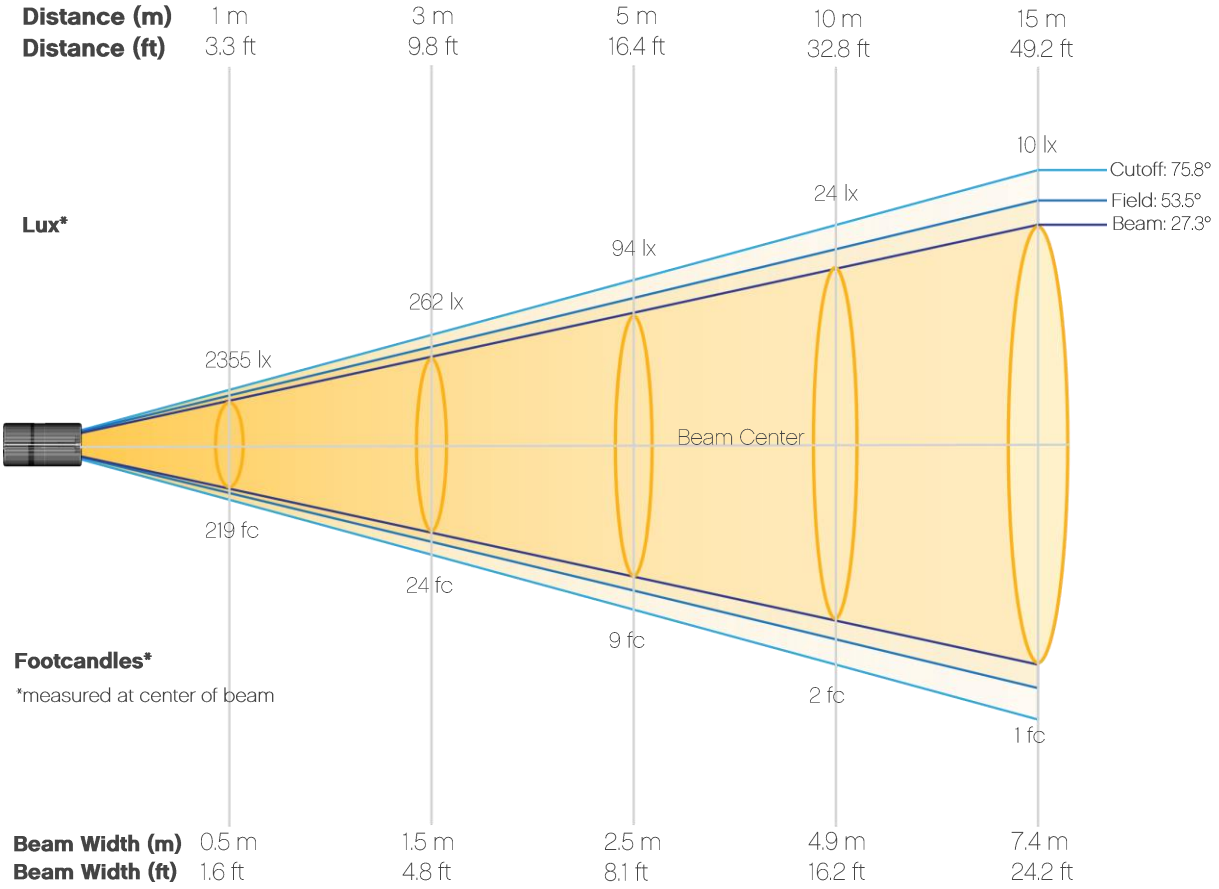


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

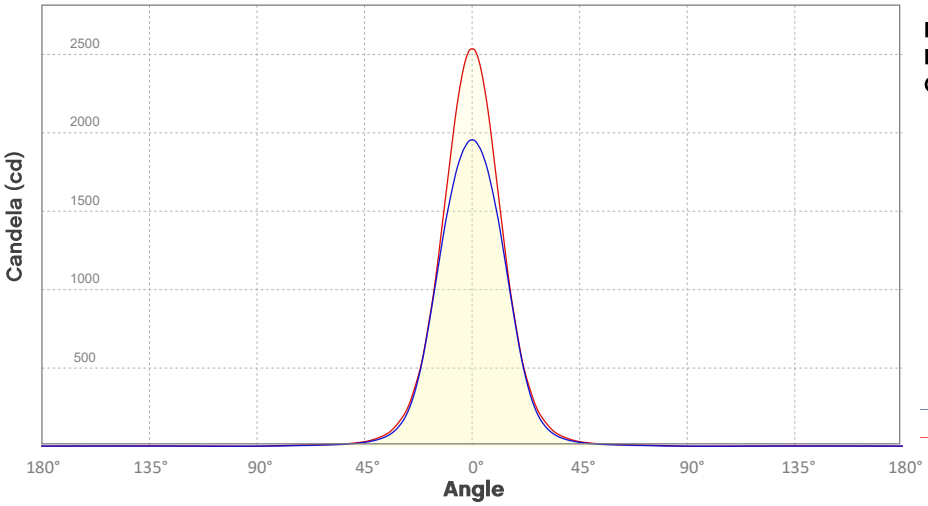
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2355	589	262	147	94	65	48	37	29	24
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	14	12	10	9	8	7	7	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	219	55	24	14	9	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

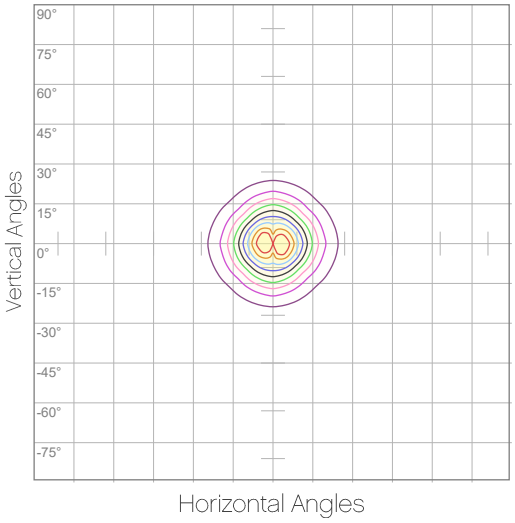
Candela Plot



Beam Angle (50%): 27.7°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 74°

Horizontal Distribution
Vertical Distribution

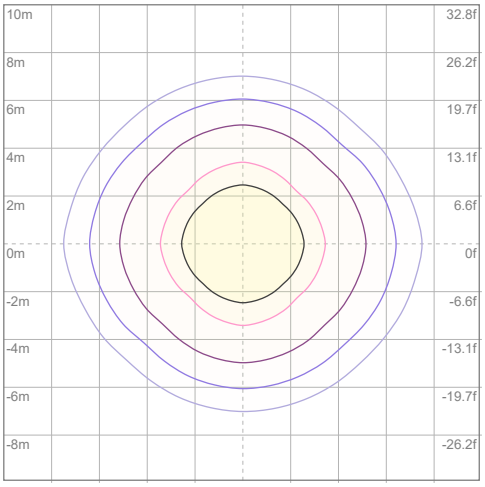
Polar Diagrams



iso-candela Diagram

10%	235 cd
20%	471 cd
30%	706 cd
40%	942 cd
50%	1177 cd
60%	1413 cd
70%	1648 cd
80%	1884 cd
90%	2119 cd

Conditions:
Number of c-planes: 8
Candela at center: 2355 cd



iso-illuminance Diagram

3%	0.706 lx
5%	1.18 lx
10%	2.35 lx
30%	7.06 lx
50%	11.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 23.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Report Summary

Output

Total Lumens: 475 lm
Peak Intensity: 1680 cd
Illuminance @ 5m: 62 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.3°
Vertical Beam Angle (50%): 31.9°
Horizontal Field Angle (10%): 53.6°
Vertical Field Angle (10%): 55.4°
Horizontal Cutoff Angle (3%): 75.9°
Vertical Cutoff Angle (3%): 76.9°



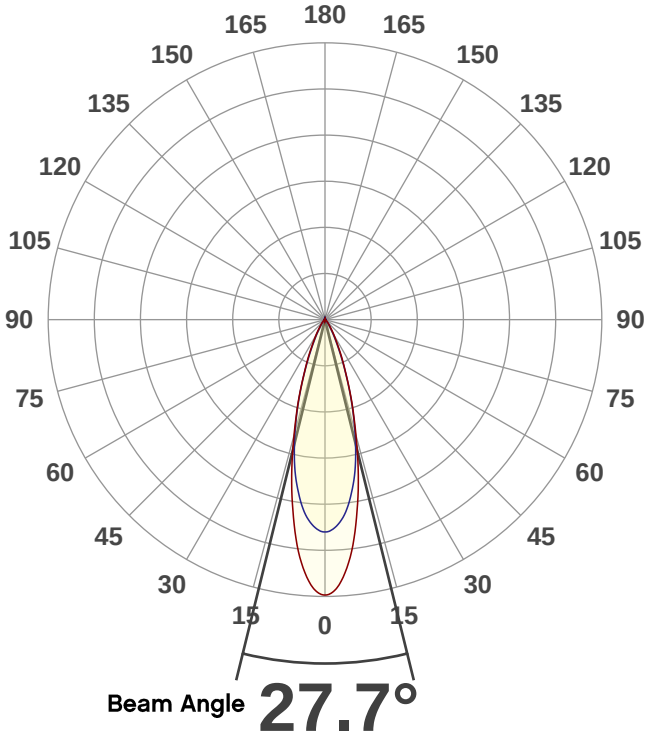
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

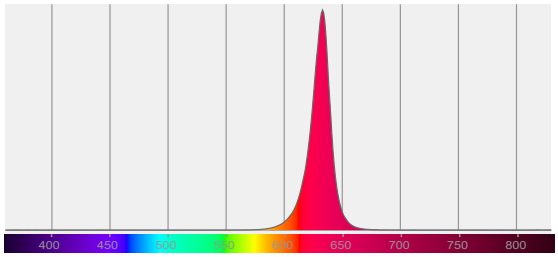
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Overall Measurement

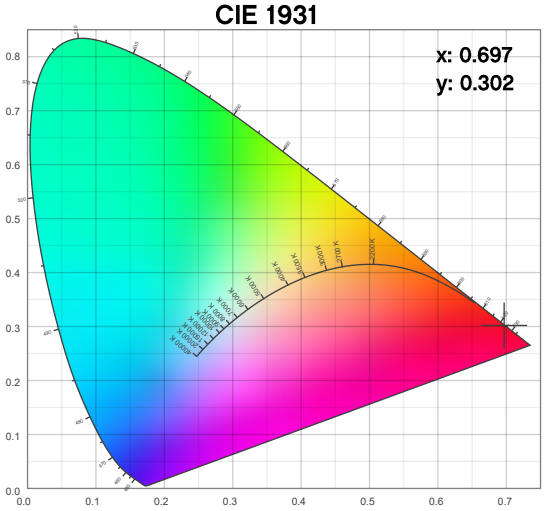
Angular Beam Distribution



Spectral Distribution



CIE 1931

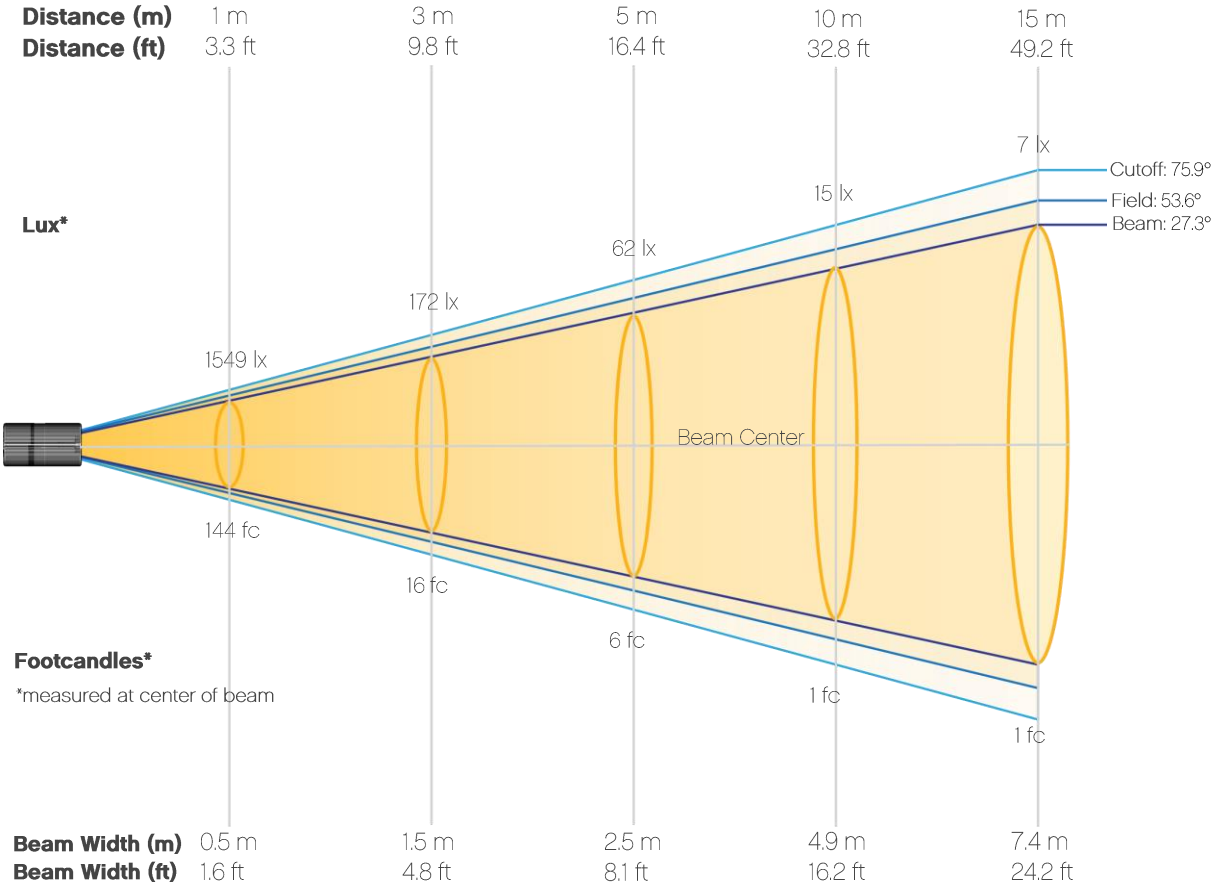


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

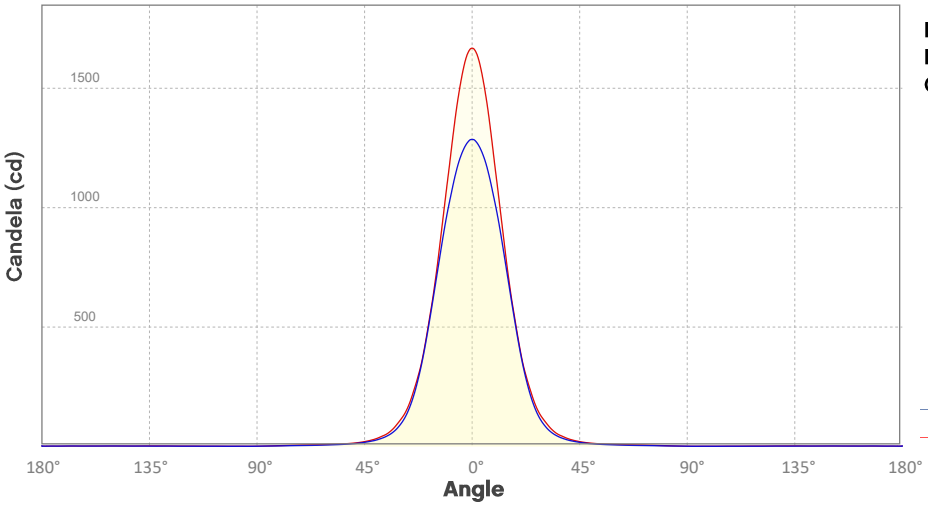
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1549	387	172	97	62	43	32	24	19	15
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	13	11	9	8	7	6	5	5	4	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	144	36	16	9	6	4	3	2	2	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Red Only

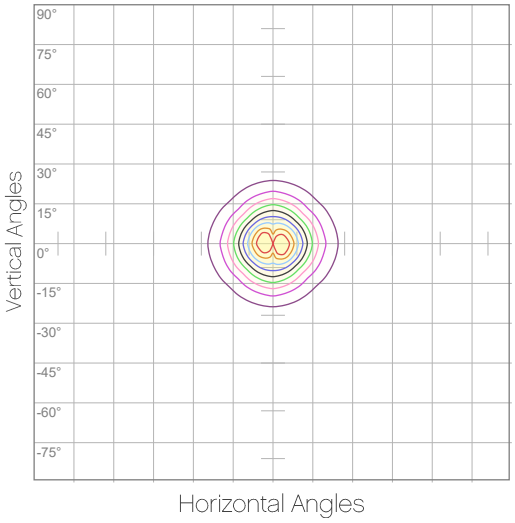
Candela Plot



Beam Angle (50%): 27.7°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 74.1°

Horizontal Distribution
Vertical Distribution

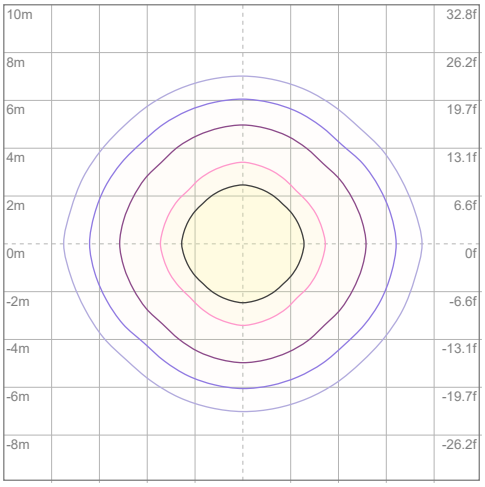
Polar Diagrams



iso-candela Diagram

10%	155 cd
20%	310 cd
30%	465 cd
40%	620 cd
50%	774 cd
60%	929 cd
70%	1084 cd
80%	1239 cd
90%	1394 cd

Conditions:
Number of c-planes: 8
Candela at center: 1549 cd



iso-illuminance Diagram

3%	0.465 lx
5%	0.774 lx
10%	1.55 lx
30%	4.65 lx
50%	7.74 lx

Conditions:
Number of c-planes: 8
Lux at center: 15.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Report Summary

Output

Total Lumens: 4821 lm
Peak Intensity: 15866 cd
Illuminance @ 5m: 634 lux
Fixture Efficacy: 19 lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 28.9°
Horizontal Field Angle (10%): 55°
Vertical Field Angle (10%): 53.2°
Horizontal Cutoff Angle (3%): 77.1°
Vertical Cutoff Angle (3%): 74.5°



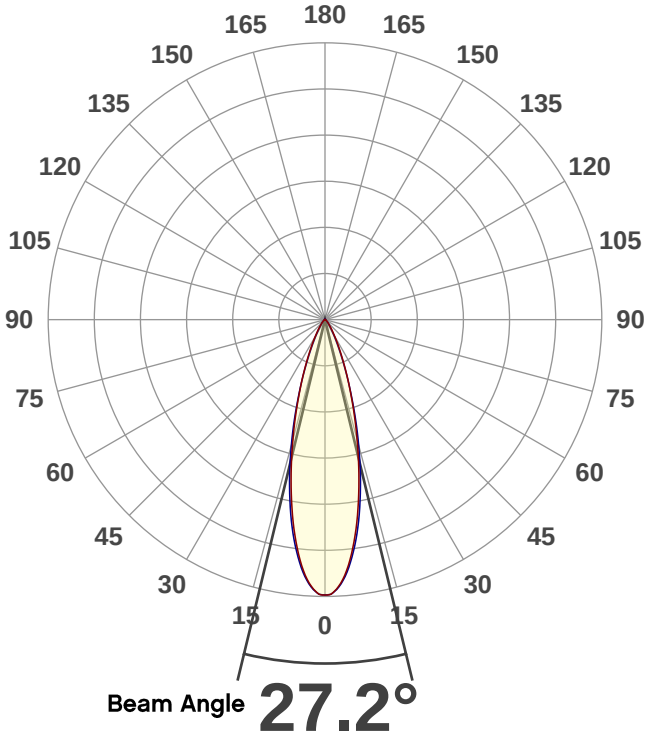
Conditions

AC Supply: 119 V, 60 Hz
Power: 260.08 W
Current: 2.18 A
Power Factor: 1.0

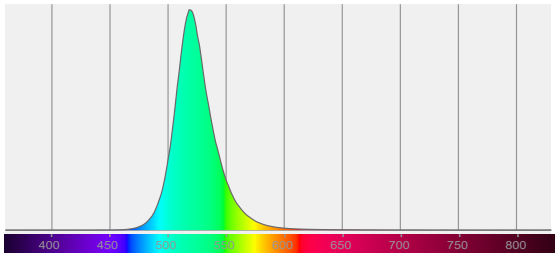
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 1/28/2021 to LM-63-2002 Standards.

Overall Measurement

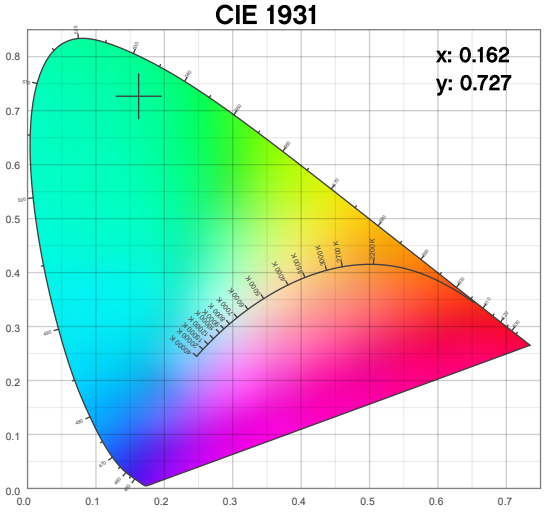
Angular Beam Distribution



Spectral Distribution



CIE 1931

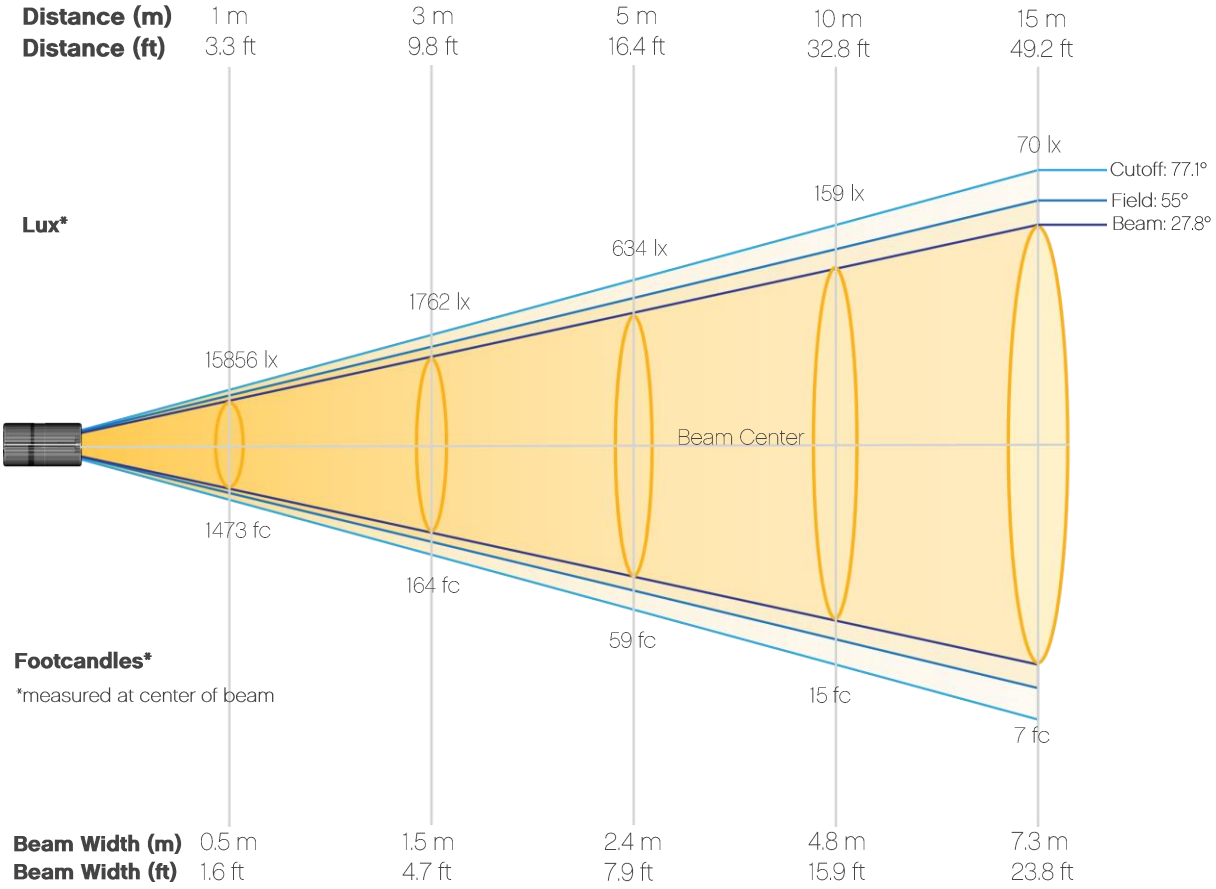


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Beam Details



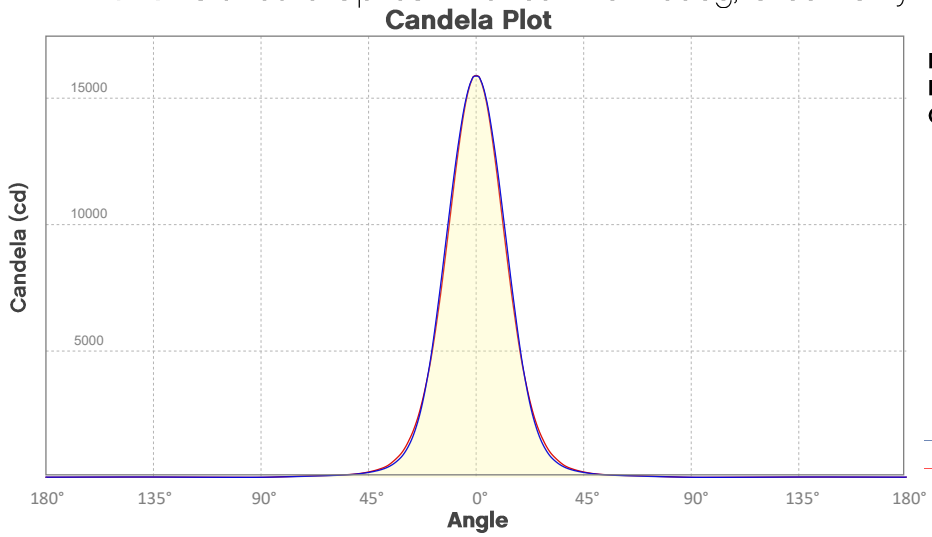
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15856	3964	1762	991	634	440	324	248	196	159
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	131	110	94	81	70	62	55	49	44	40
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1473	368	164	92	59	41	30	23	18	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	8	7	6	5	5	4	4

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Photometric Report

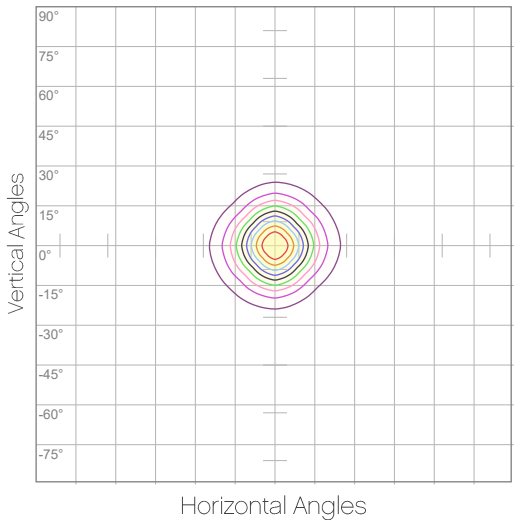
WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only



Beam Angle (50%): 27.2°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 74.3°

Horizontal Distribution
Vertical Distribution

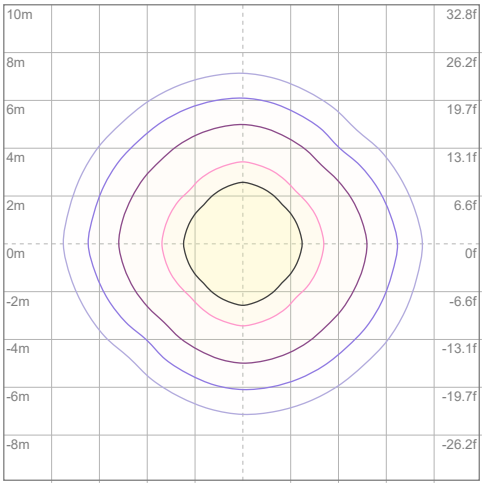
Polar Diagrams



iso-candela Diagram

10%	1586 cd
20%	3171 cd
30%	4757 cd
40%	6342 cd
50%	7928 cd
60%	9514 cd
70%	11099 cd
80%	12685 cd
90%	14270 cd

Conditions:
Number of c-planes: 8
Candela at center: 15856 cd



iso-illuminance Diagram

3%	4.76 lx
5%	7.93 lx
10%	15.9 lx
30%	47.6 lx
50%	79.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 159 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Report Summary

Output

Total Lumens: 4985 lm
Peak Intensity: 15881 cd
Illuminance @ 5m: 497 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 41.4°
Vertical Beam Angle (50%): 23.3°
Horizontal Field Angle (10%): 65°
Vertical Field Angle (10%): 44.9°
Horizontal Cutoff Angle (3%): 87.2°
Vertical Cutoff Angle (3%): 66.4°



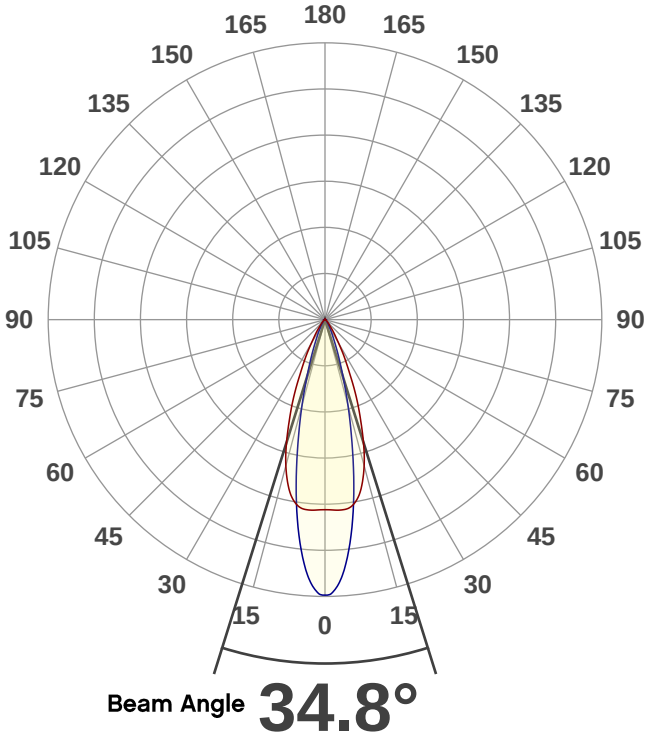
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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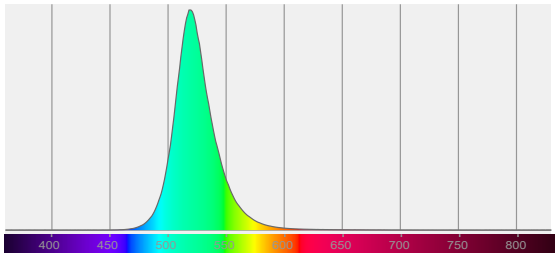
Overall Measurement

Angular Beam Distribution

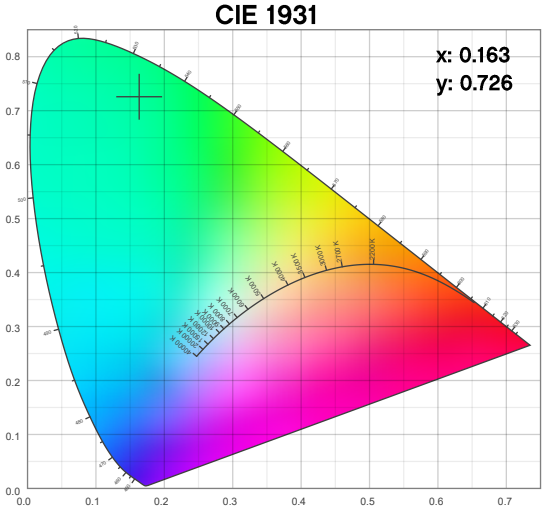


Beam Angle **34.8°**

Spectral Distribution



CIE 1931

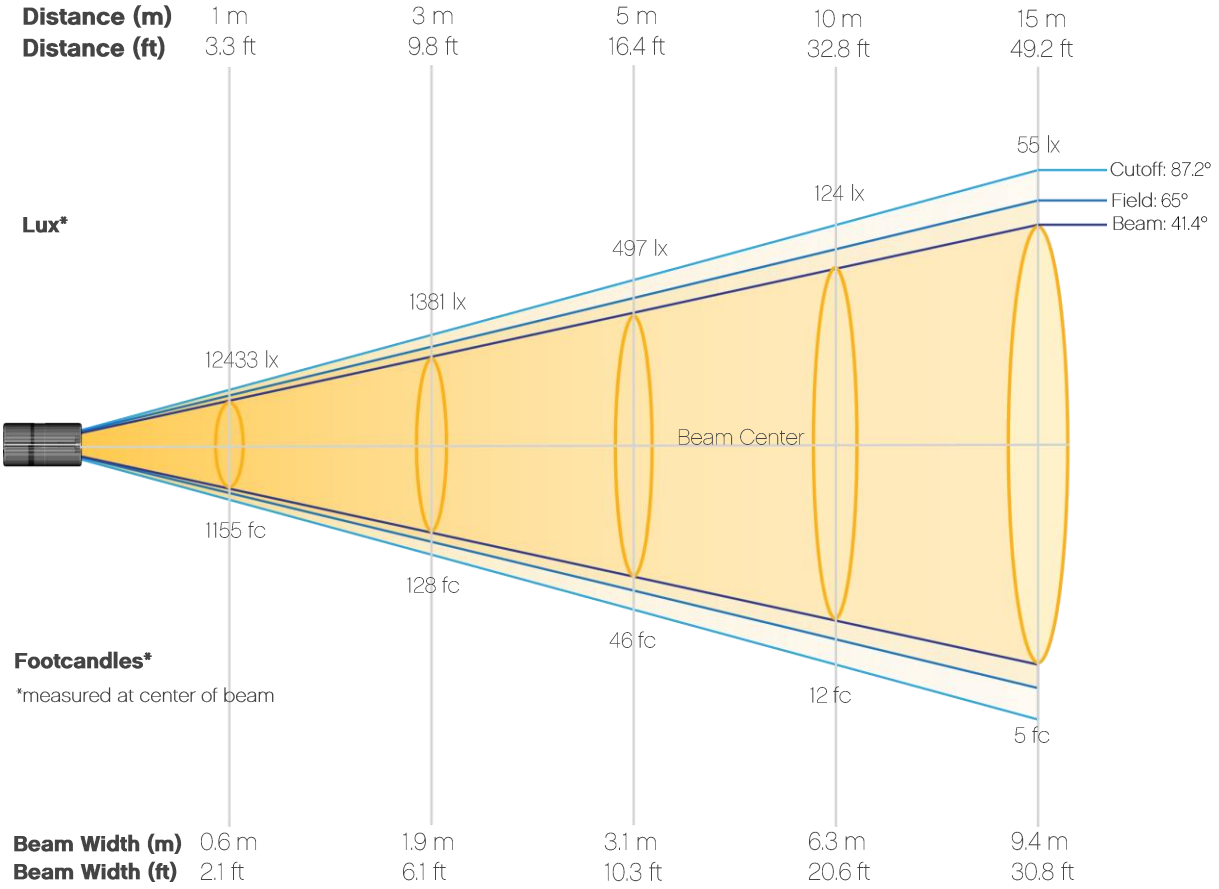


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

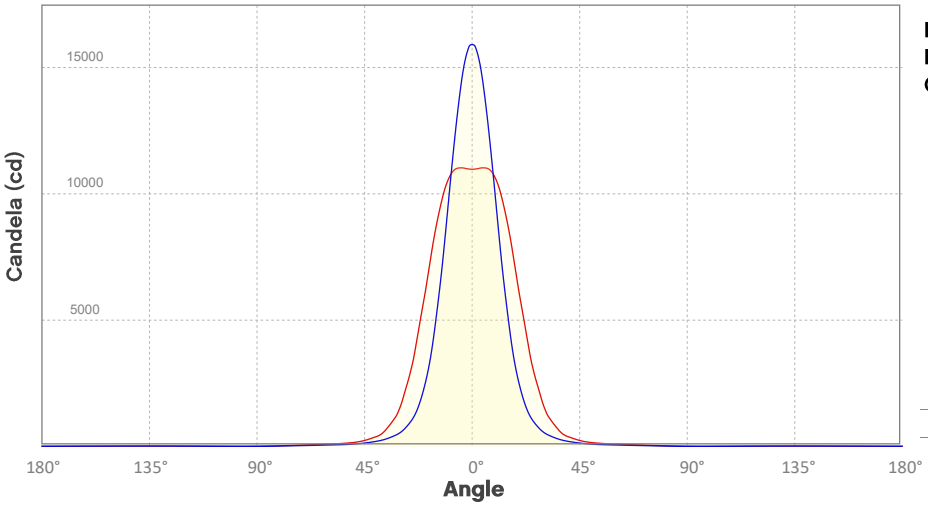
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12433	3108	1381	777	497	345	254	194	153	124
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	103	86	74	63	55	49	43	38	34	31
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1155	289	128	72	46	32	24	18	14	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	8	7	6	5	5	4	4	3	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

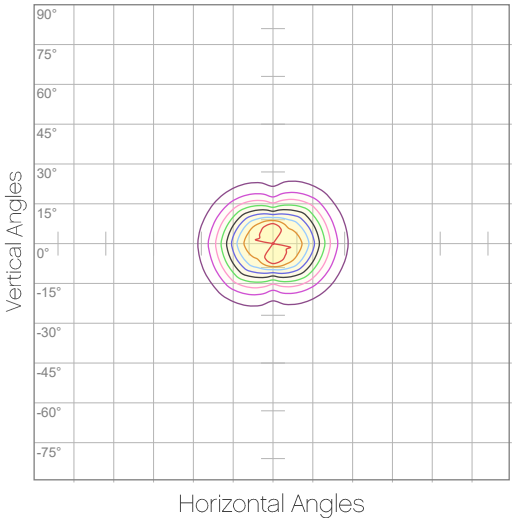
Candela Plot



Beam Angle (50%): 34.8°
Field Angle (10%): 57.9°
Cutoff Angle (3%): 79.5°

Horizontal Distribution
Vertical Distribution

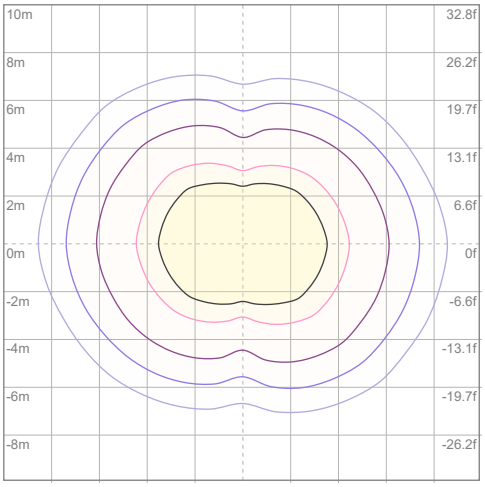
Polar Diagrams



iso-candela Diagram

10%	1243 cd
20%	2487 cd
30%	3730 cd
40%	4973 cd
50%	6217 cd
60%	7460 cd
70%	8703 cd
80%	9946 cd
90%	11190 cd

Conditions:
Number of c-planes: 8
Candela at center: 12433 cd



iso-illuminance Diagram

3%	3.73 lx
5%	6.22 lx
10%	12.4 lx
30%	37.3 lx
50%	62.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 124 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Report Summary

Output

Total Lumens: 2268 lm
Peak Intensity: 7793 cd
Illuminance @ 5m: 288 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28°
Vertical Beam Angle (50%): 31.9°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56.1°
Horizontal Cutoff Angle (3%): 77.7°
Vertical Cutoff Angle (3%): 77.8°



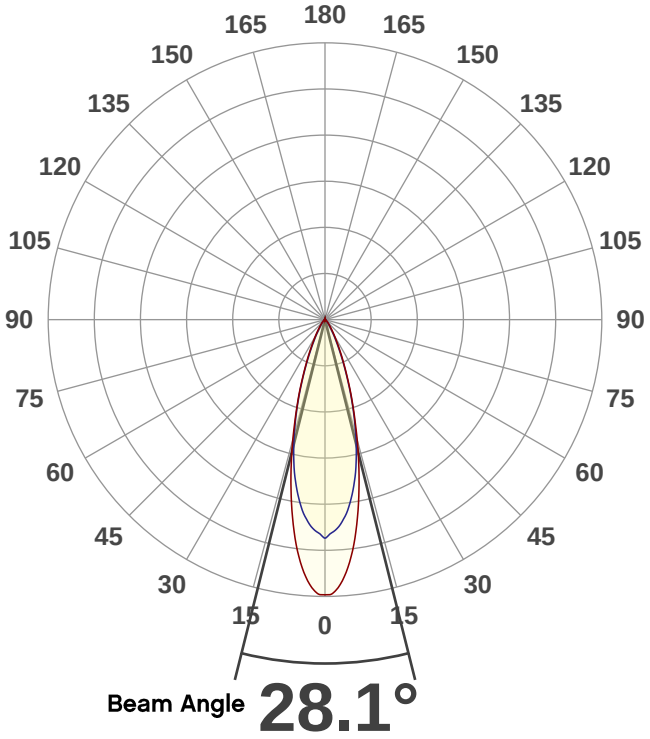
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

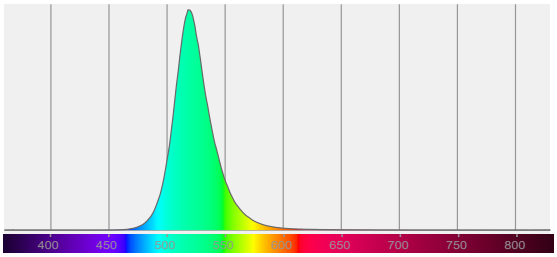
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Overall Measurement

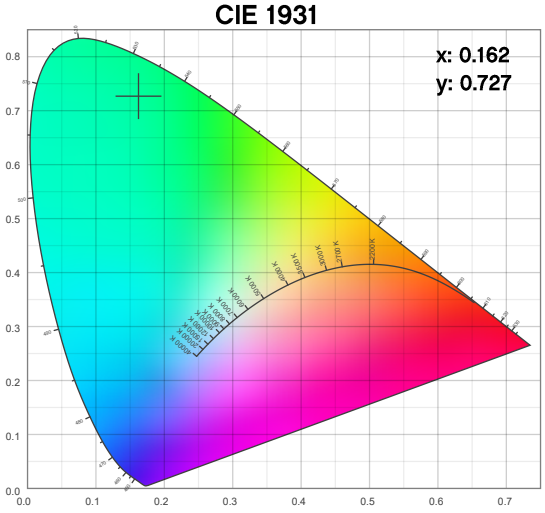
Angular Beam Distribution



Spectral Distribution



CIE 1931

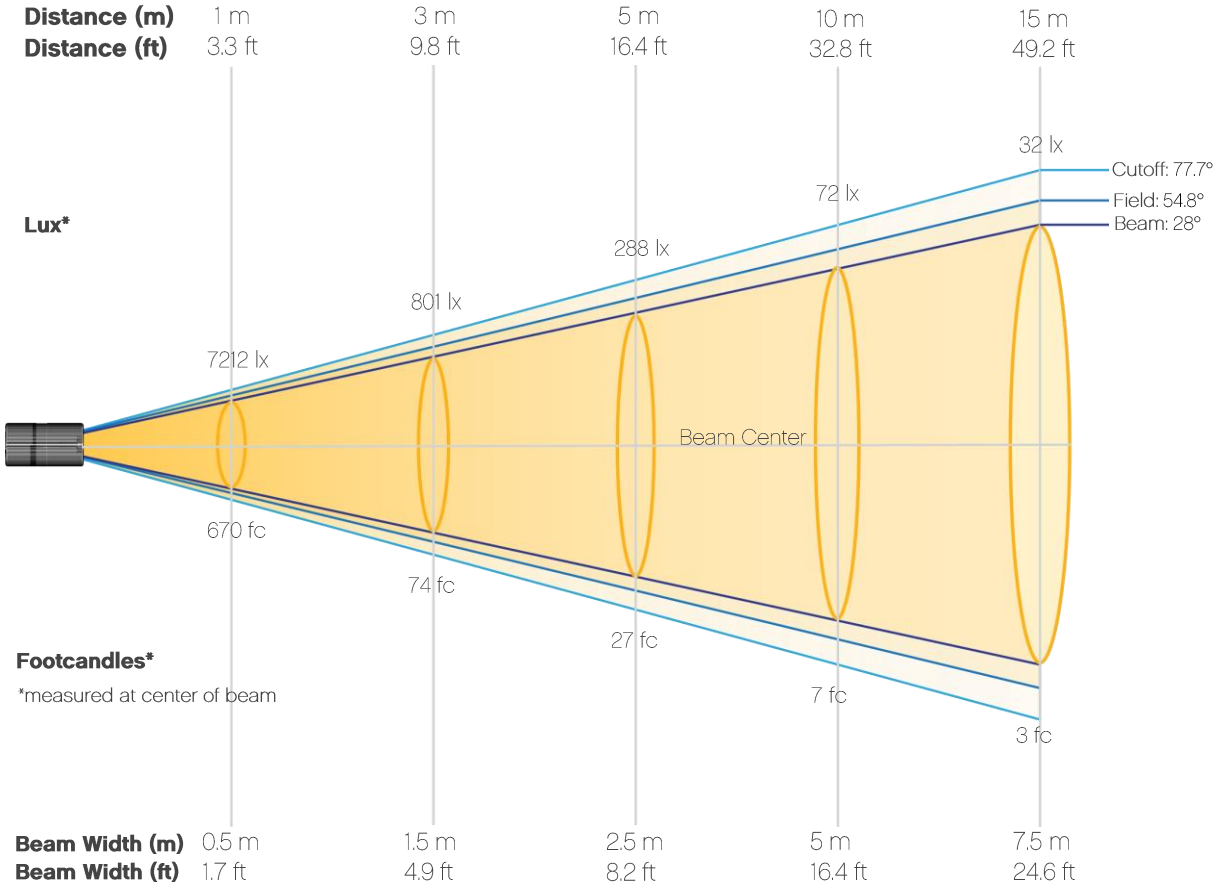


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

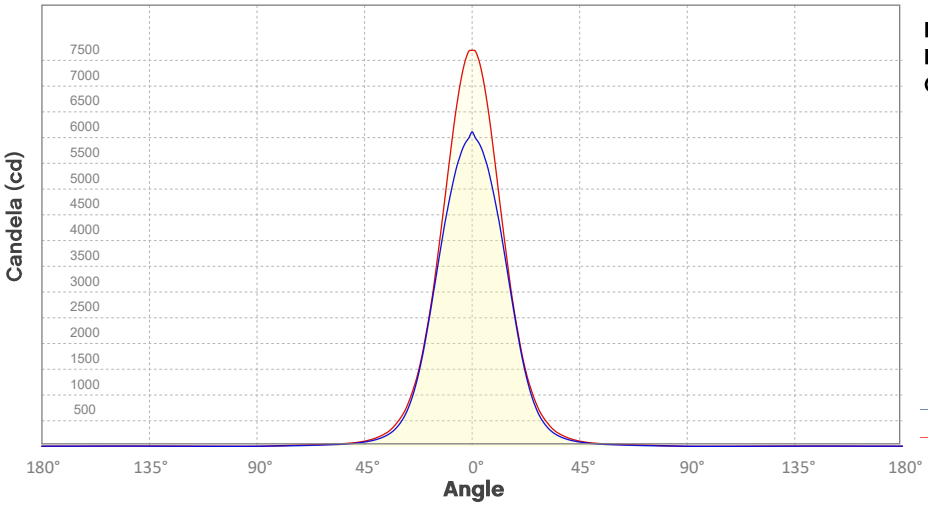
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7212	1803	801	451	288	200	147	113	89	72
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	60	50	43	37	32	28	25	22	20	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	670	167	74	42	27	19	14	10	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	3	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

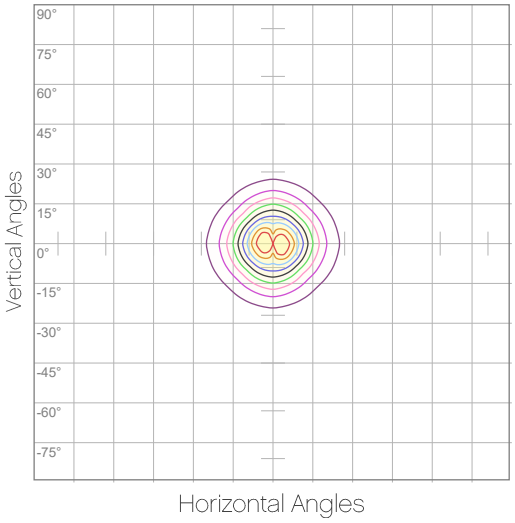
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.5°

Horizontal Distribution
Vertical Distribution

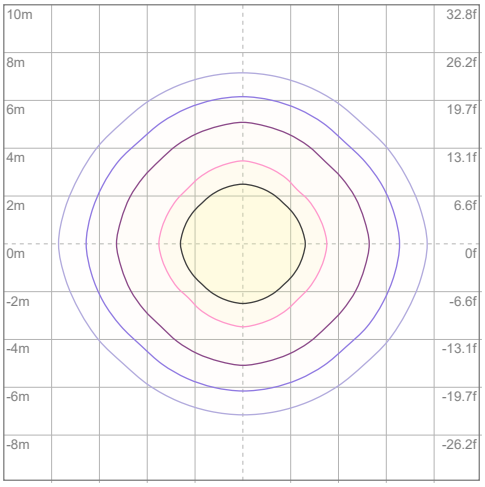
Polar Diagrams



iso-candela Diagram

10%	721 cd
20%	1442 cd
30%	2164 cd
40%	2885 cd
50%	3606 cd
60%	4327 cd
70%	5048 cd
80%	5769 cd
90%	6491 cd

Conditions:
Number of c-planes: 8
Candela at center: 7212 cd



iso-illuminance Diagram

3%	2.16 lx
5%	3.61 lx
10%	7.21 lx
30%	21.6 lx
50%	36.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 72.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Report Summary

Output

Total Lumens: 1422 lm
Peak Intensity: 4852 cd
Illuminance @ 5m: 180 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28°
Vertical Beam Angle (50%): 31.7°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56°
Horizontal Cutoff Angle (3%): 77.9°
Vertical Cutoff Angle (3%): 77.8°



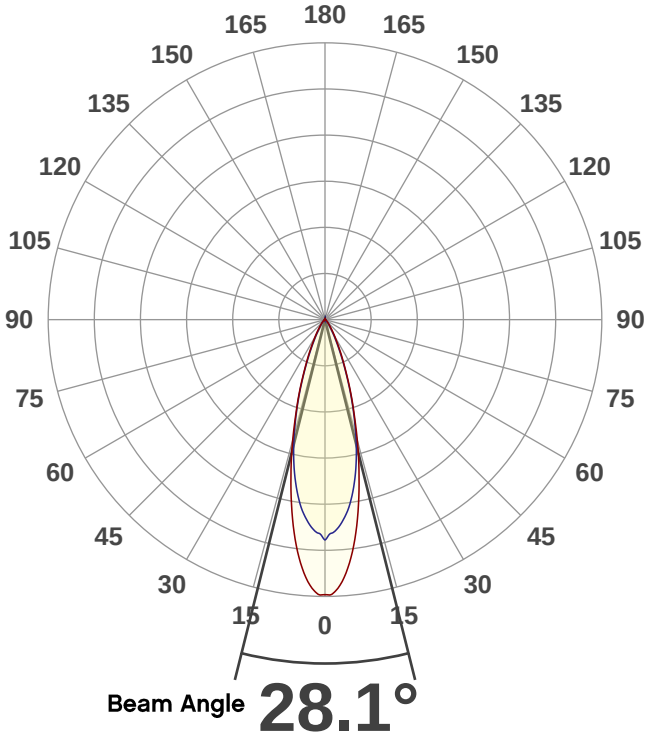
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

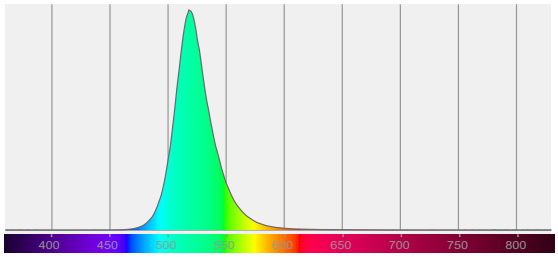
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Overall Measurement

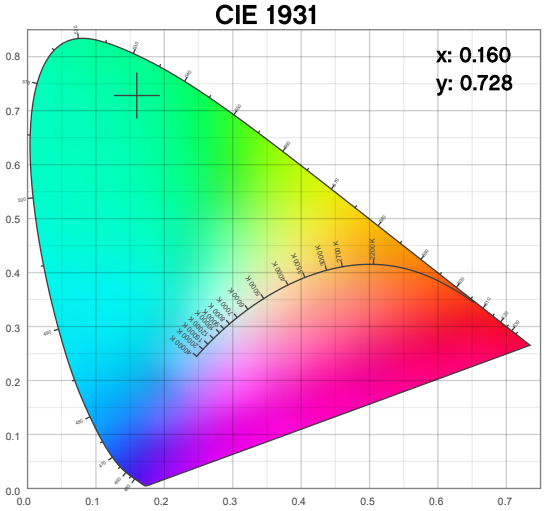
Angular Beam Distribution



Spectral Distribution



CIE 1931

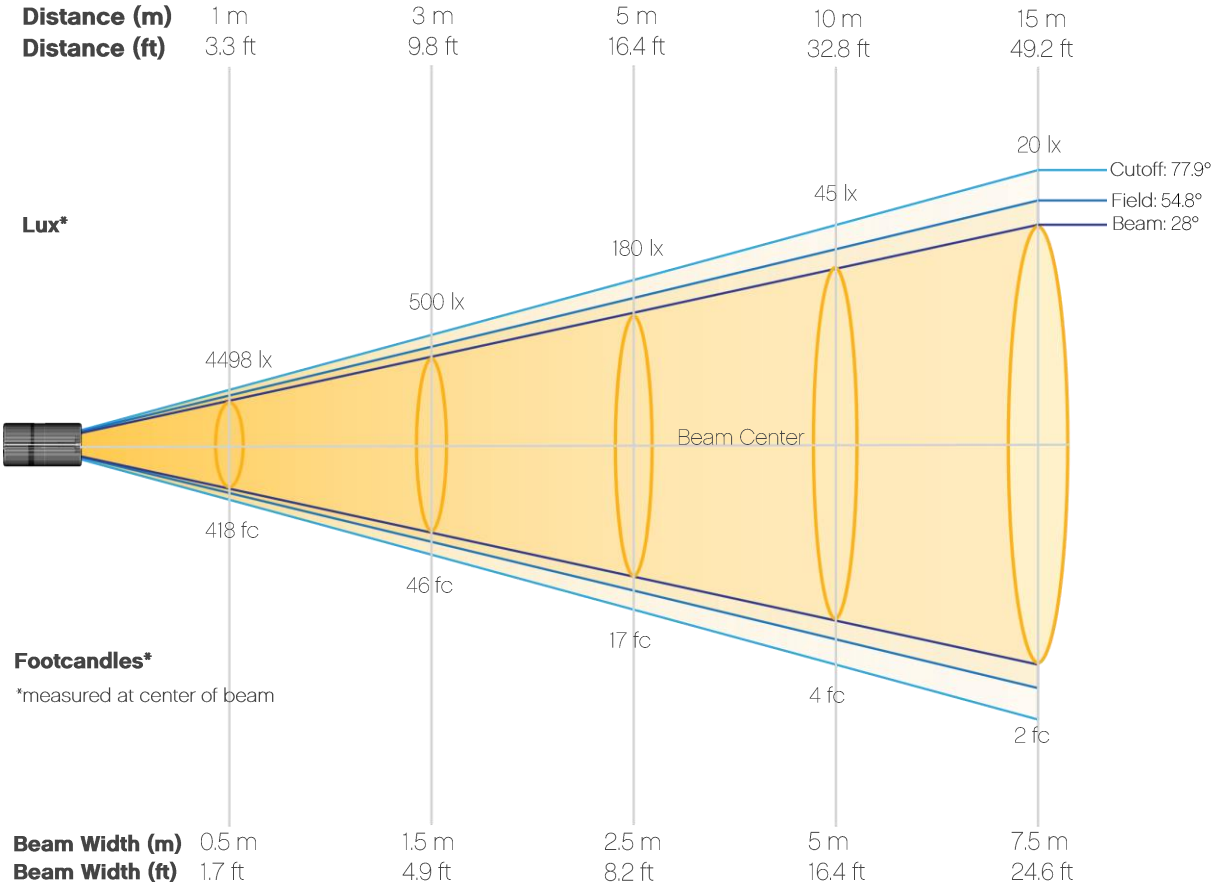


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

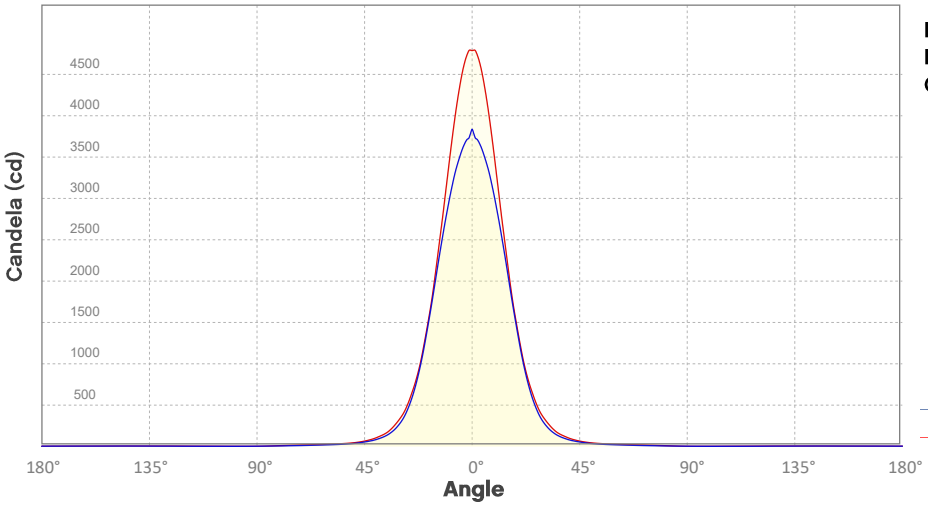
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4498	1124	500	281	180	125	92	70	56	45
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	37	31	27	23	20	18	16	14	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	418	104	46	26	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

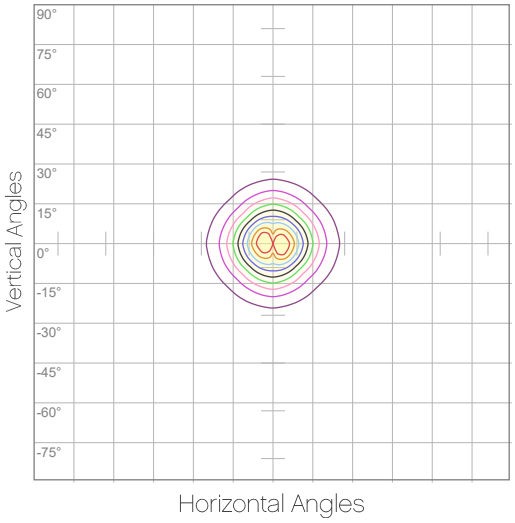
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 75.6°

Horizontal Distribution
Vertical Distribution

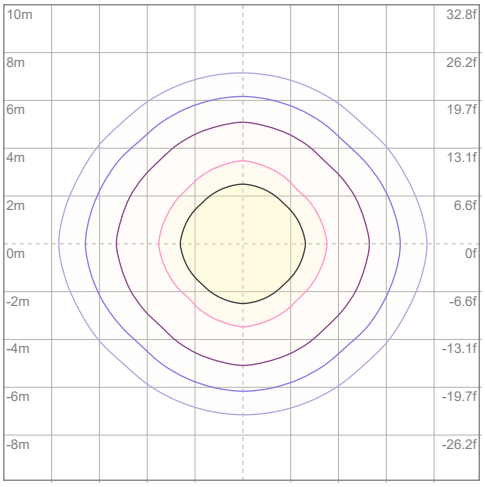
Polar Diagrams



iso-candela Diagram

10%	450 cd
20%	900 cd
30%	1349 cd
40%	1799 cd
50%	2249 cd
60%	2699 cd
70%	3148 cd
80%	3598 cd
90%	4048 cd

Conditions:
Number of c-planes: 8
Candela at center: 4498 cd



iso-illuminance Diagram

3%	1.35 lx
5%	2.25 lx
10%	4.50 lx
30%	13.5 lx
50%	22.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 45.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Report Summary

Output

Total Lumens: 917 lm
Peak Intensity: 3130 cd
Illuminance @ 5m: 116 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28°
Vertical Beam Angle (50%): 32.2°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56.3°
Horizontal Cutoff Angle (3%): 77.9°
Vertical Cutoff Angle (3%): 78.1°



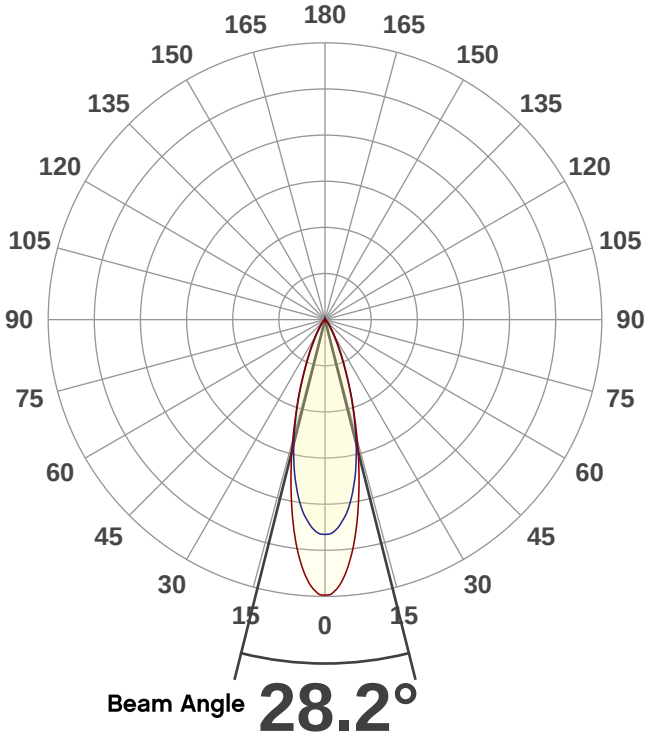
Conditions

AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

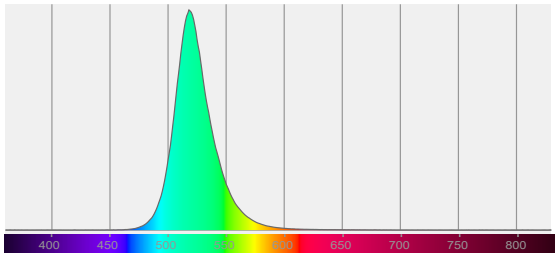
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Overall Measurement

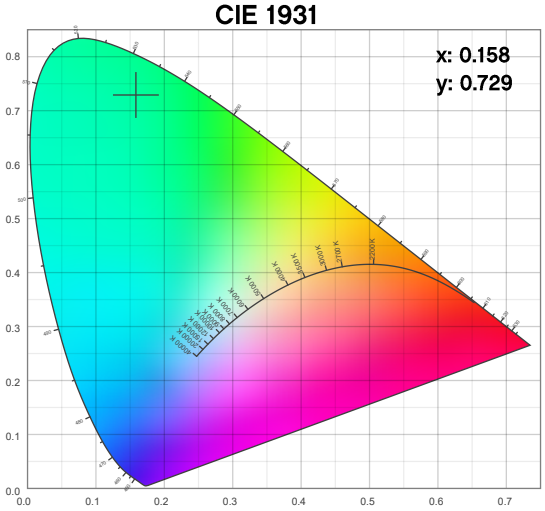
Angular Beam Distribution



Spectral Distribution



CIE 1931

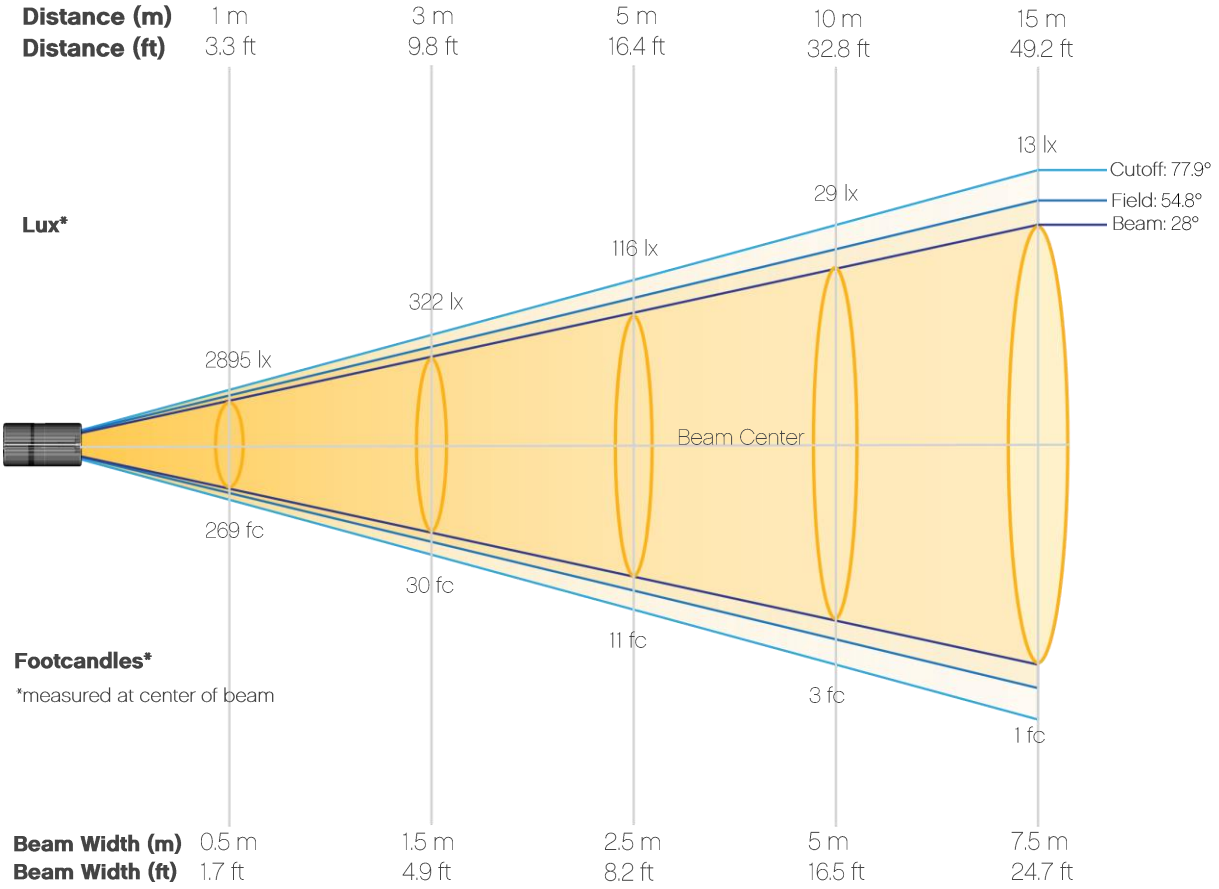


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

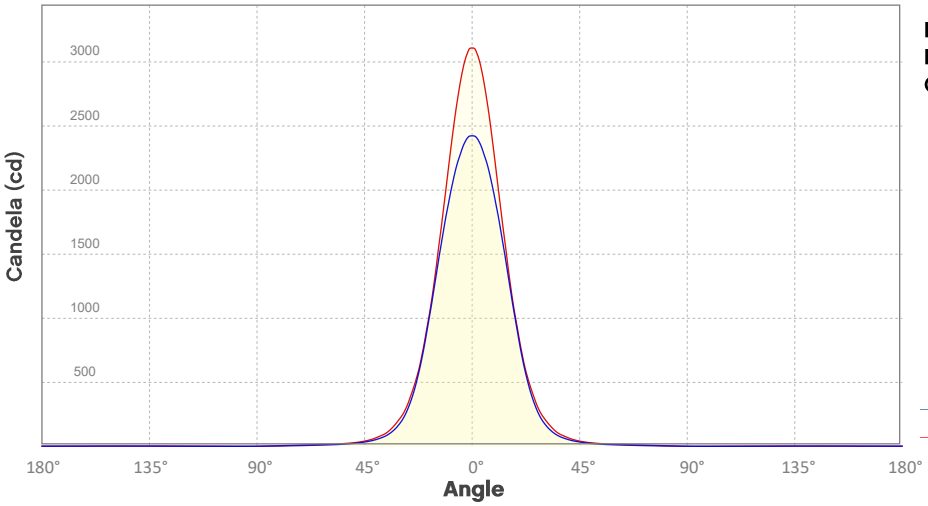
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2895	724	322	181	116	80	59	45	36	29
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	24	20	17	15	13	11	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	269	67	30	17	11	7	5	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Green Only

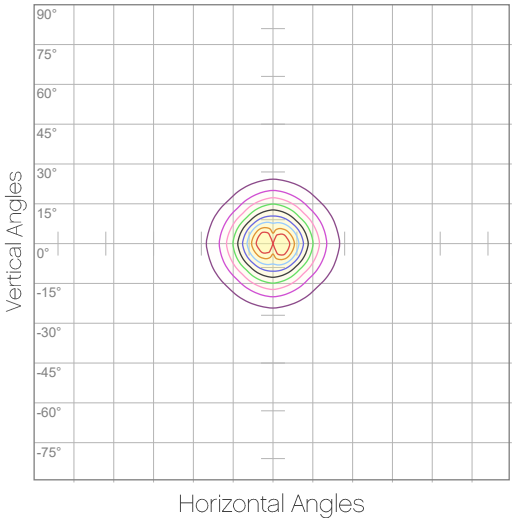
Candela Plot



Beam Angle (50%): 28.2°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 75.7°

Horizontal Distribution
Vertical Distribution

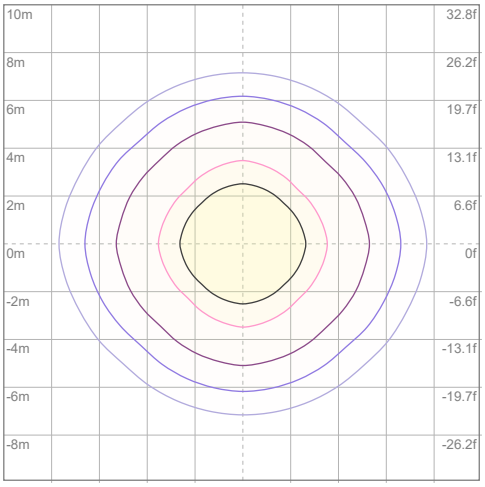
Polar Diagrams



iso-candela Diagram

10%	289 cd
20%	579 cd
30%	868 cd
40%	1158 cd
50%	1447 cd
60%	1737 cd
70%	2026 cd
80%	2316 cd
90%	2605 cd

Conditions:
Number of c-planes: 8
Candela at center: 2895 cd



iso-illuminance Diagram

3%	0.868 lx
5%	1.45 lx
10%	2.89 lx
30%	8.68 lx
50%	14.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 28.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Report Summary

Output

Total Lumens: 928 lm
Peak Intensity: 2880 cd
Illuminance @ 5m: 115 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 28.4°
Vertical Beam Angle (50%): 29.3°
Horizontal Field Angle (10%): 56.3°
Vertical Field Angle (10%): 54.3°
Horizontal Cutoff Angle (3%): 79.2°
Vertical Cutoff Angle (3%): 76.6°



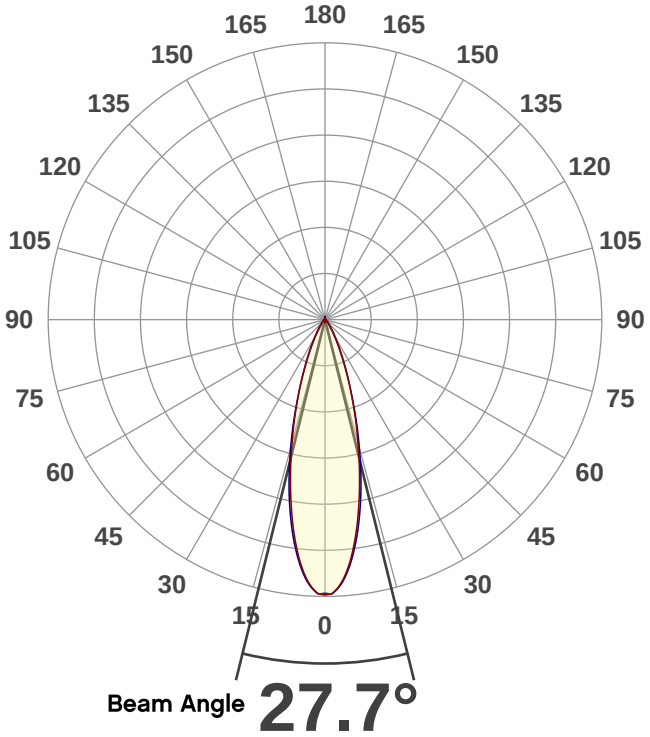
Conditions

AC Supply: 119 V, 60 Hz
Power: 260.88 W
Current: 2.19 A
Power Factor: 1.0

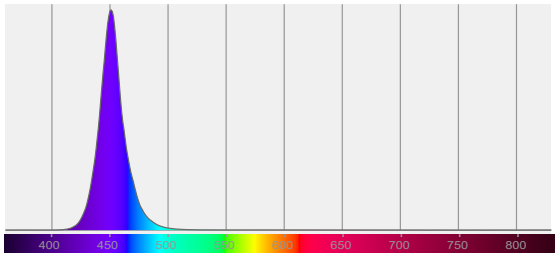
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Overall Measurement

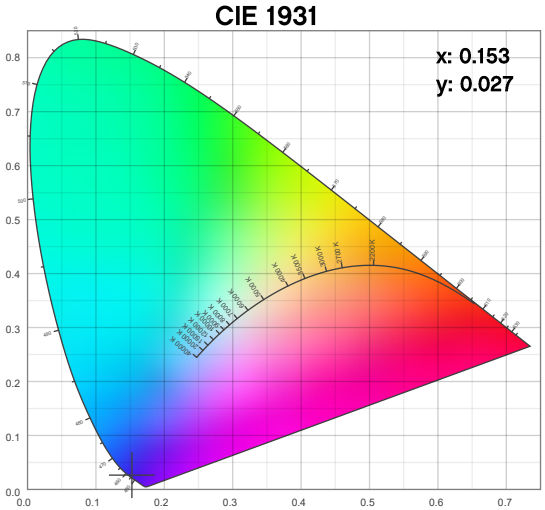
Angular Beam Distribution



Spectral Distribution



CIE 1931

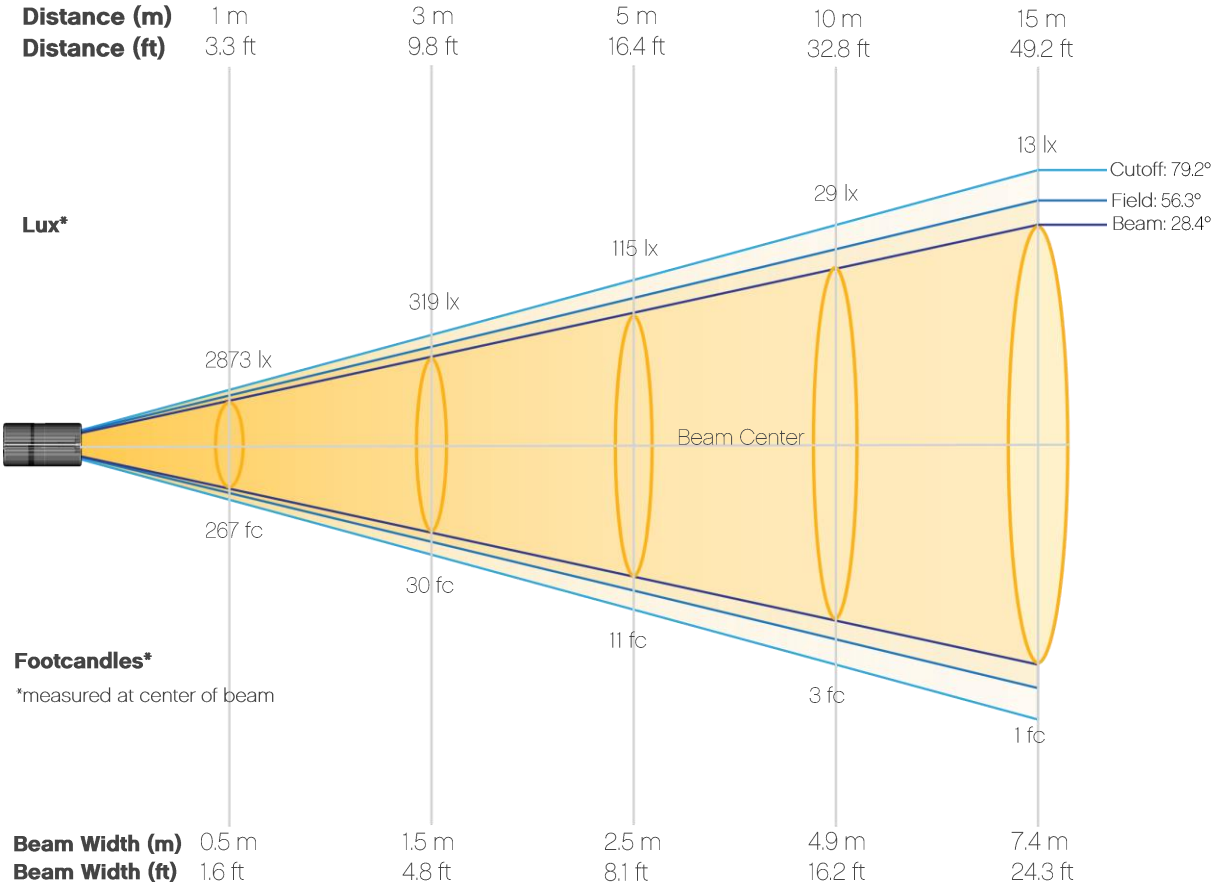


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

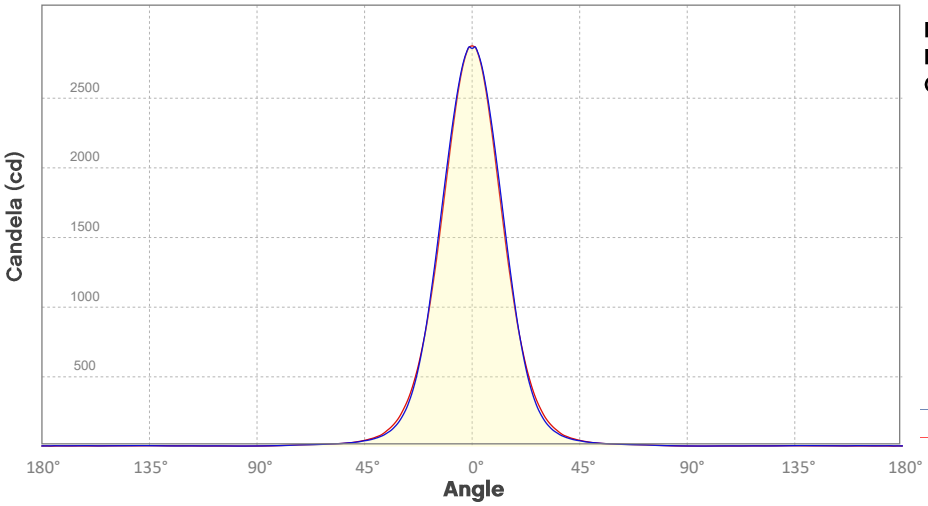
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2873	718	319	180	115	80	59	45	35	29
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	24	20	17	15	13	11	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	267	67	30	17	11	7	5	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

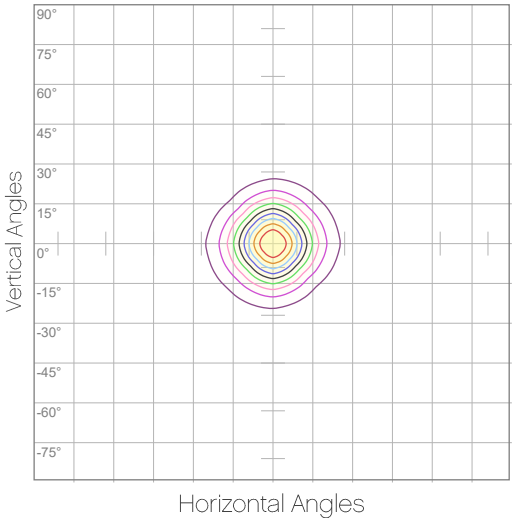
Candela Plot



Beam Angle (50%): 27.7°
Field Angle (10%): 53.8°
Cutoff Angle (3%): 76.3°

Horizontal Distribution
Vertical Distribution

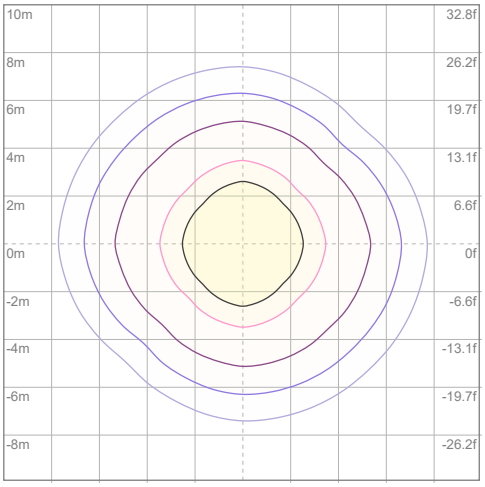
Polar Diagrams



iso-candela Diagram

10%	287 cd
20%	575 cd
30%	862 cd
40%	1149 cd
50%	1436 cd
60%	1724 cd
70%	2011 cd
80%	2298 cd
90%	2586 cd

Conditions:
Number of c-planes: 8
Candela at center: 2873 cd



iso-illuminance Diagram

3%	0.862 lx
5%	1.44 lx
10%	2.87 lx
30%	8.62 lx
50%	14.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 28.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Report Summary

Output

Total Lumens: 948 lm
Peak Intensity: 2893 cd
Illuminance @ 5m: 91 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 41.8°
Vertical Beam Angle (50%): 23.9°
Horizontal Field Angle (10%): 66°
Vertical Field Angle (10%): 46.1°
Horizontal Cutoff Angle (3%): 89.1°
Vertical Cutoff Angle (3%): 67.8°



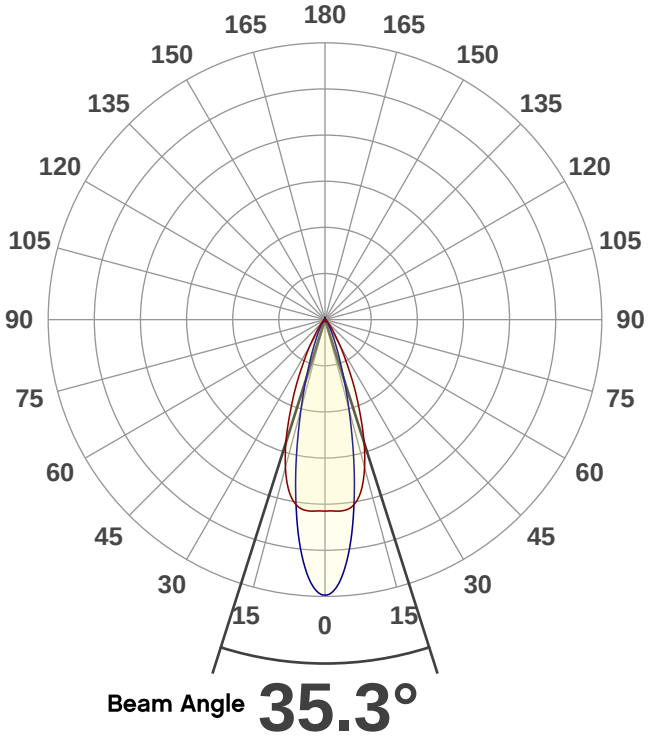
Conditions

AC Supply: 121 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

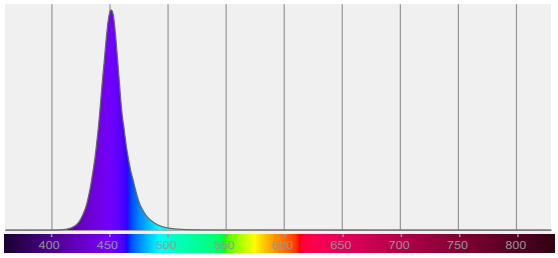
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Overall Measurement

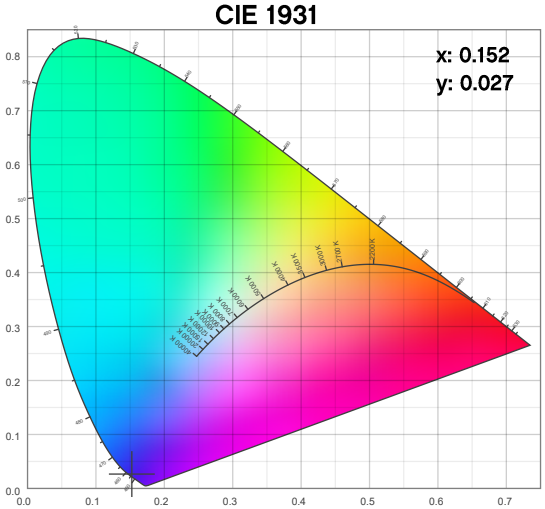
Angular Beam Distribution



Spectral Distribution



CIE 1931

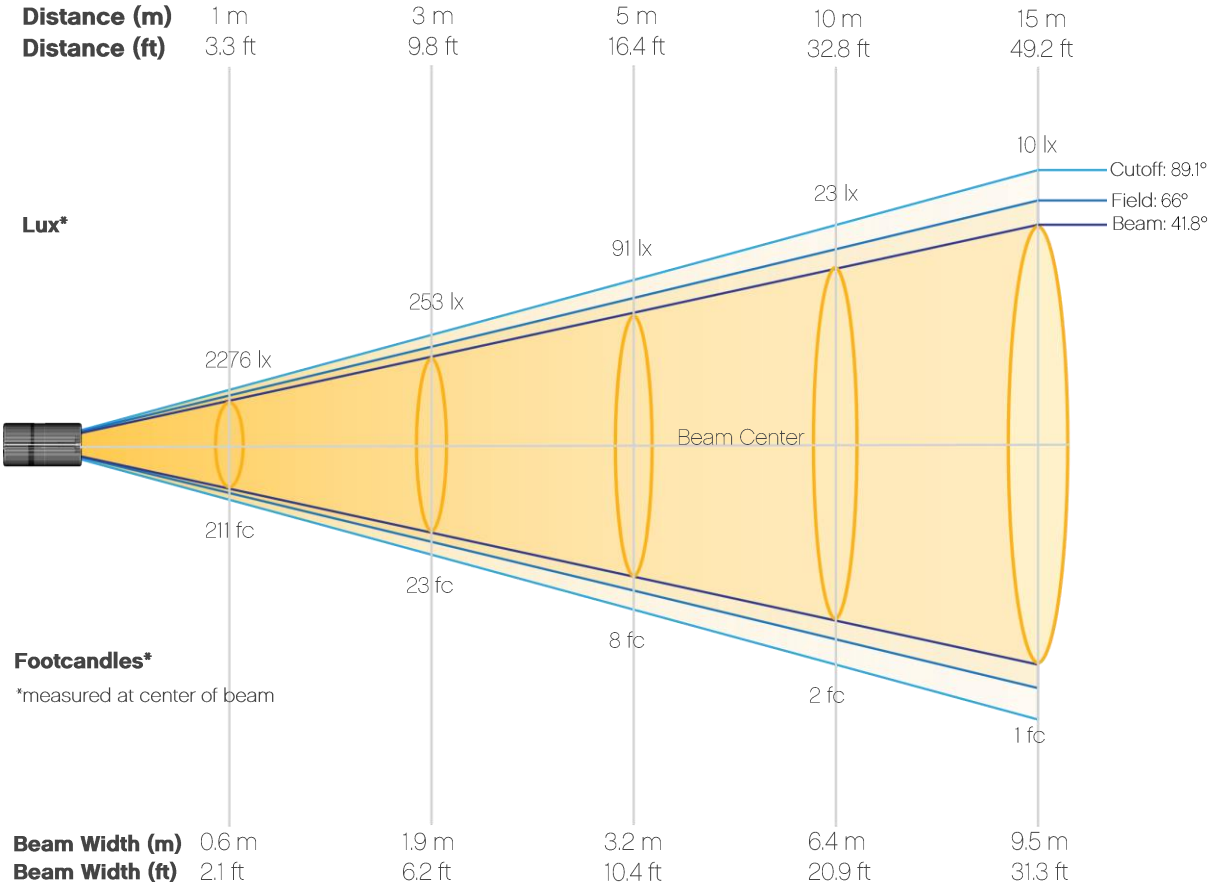


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

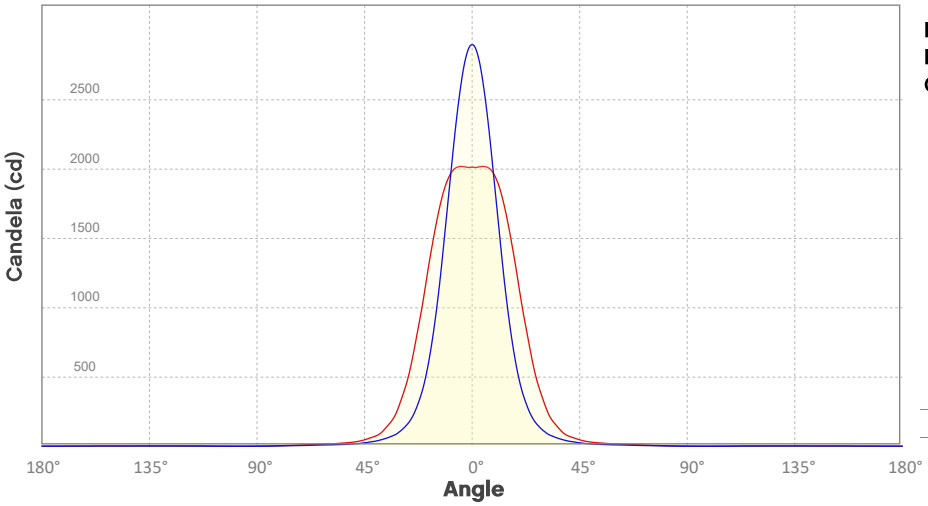
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2276	569	253	142	91	63	46	36	28	23
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	13	12	10	9	8	7	6	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	211	53	23	13	8	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

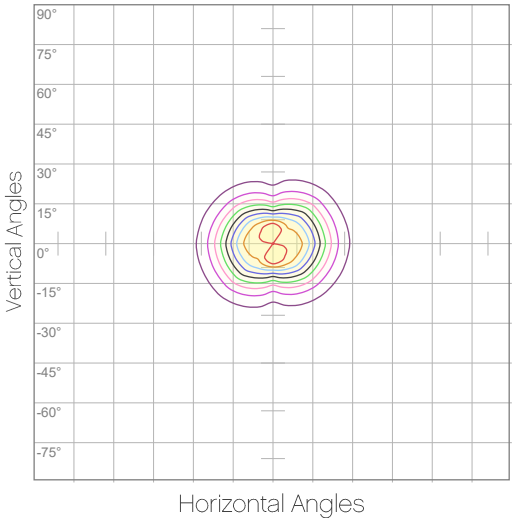
Candela Plot



Beam Angle (50%): 35.3°
Field Angle (10%): 59°
Cutoff Angle (3%): 81.2°

Horizontal Distribution
Vertical Distribution

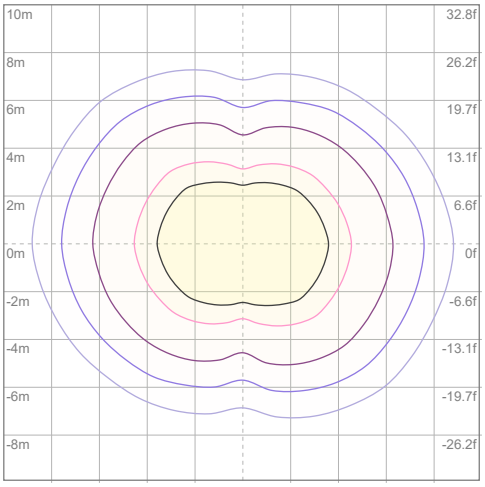
Polar Diagrams



iso-candela Diagram

10%	228 cd
20%	455 cd
30%	683 cd
40%	910 cd
50%	1138 cd
60%	1365 cd
70%	1593 cd
80%	1820 cd
90%	2048 cd

Conditions:
Number of c-planes: 8
Candela at center: 2276 cd



iso-illuminance Diagram

3%	0.683 lx
5%	1.14 lx
10%	2.28 lx
30%	6.83 lx
50%	11.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 22.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Report Summary

Output

Total Lumens: 438 lm
Peak Intensity: 1408 cd
Illuminance @ 5m: 52 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28.4°
Vertical Beam Angle (50%): 32.7°
Horizontal Field Angle (10%): 56°
Vertical Field Angle (10%): 57.4°
Horizontal Cutoff Angle (3%): 79.9°
Vertical Cutoff Angle (3%): 79.9°



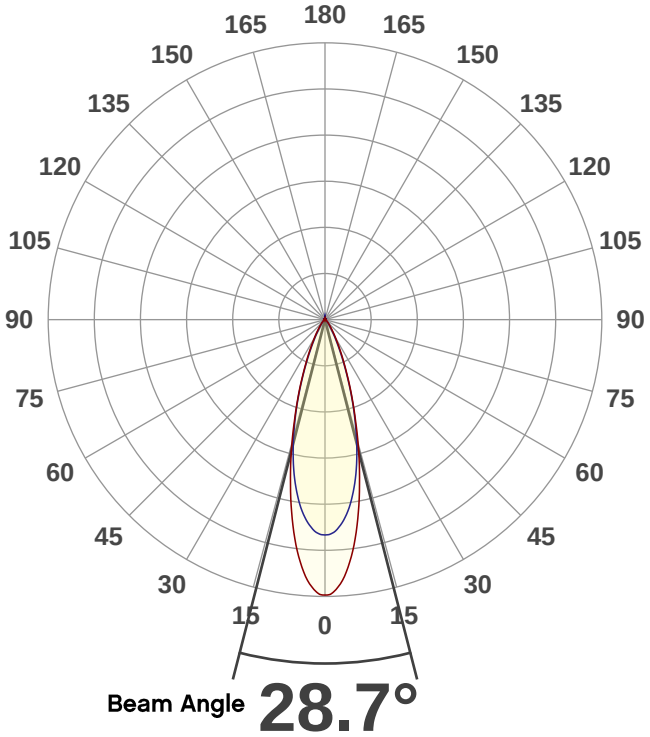
Conditions

AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

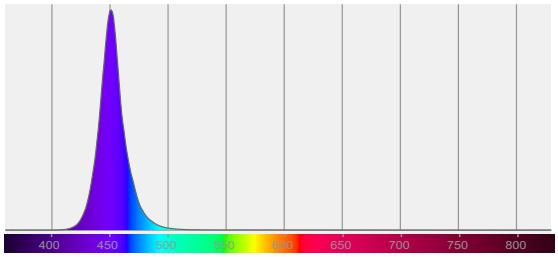
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Overall Measurement

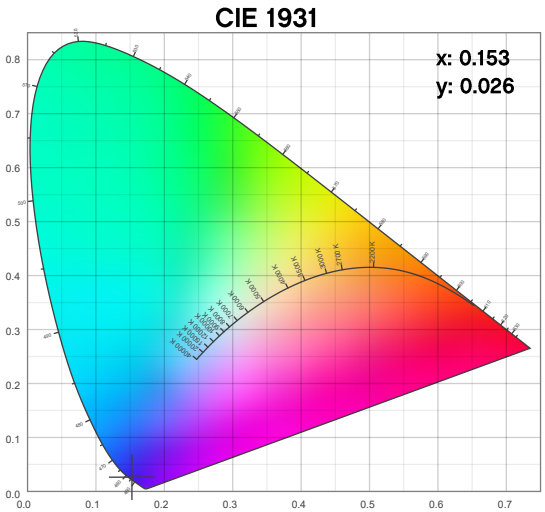
Angular Beam Distribution



Spectral Distribution



CIE 1931

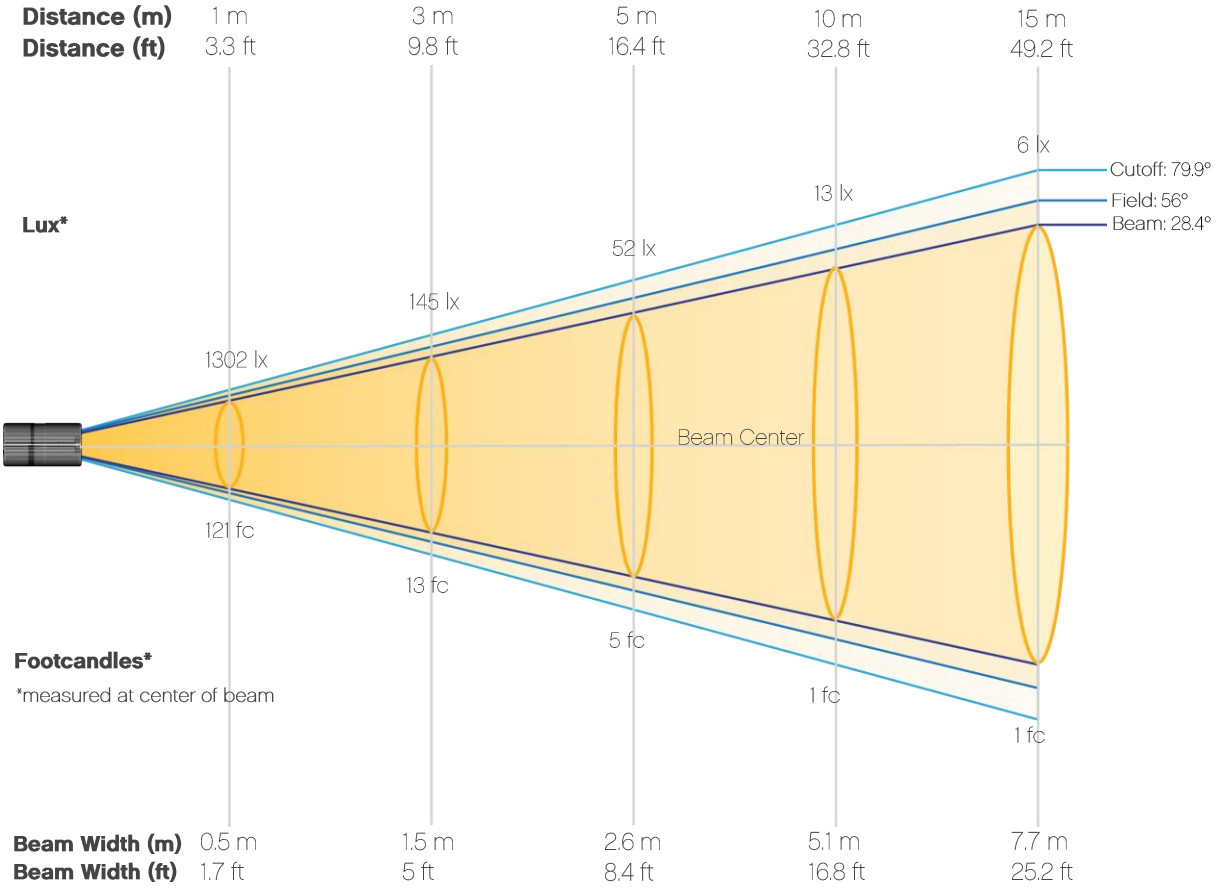


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

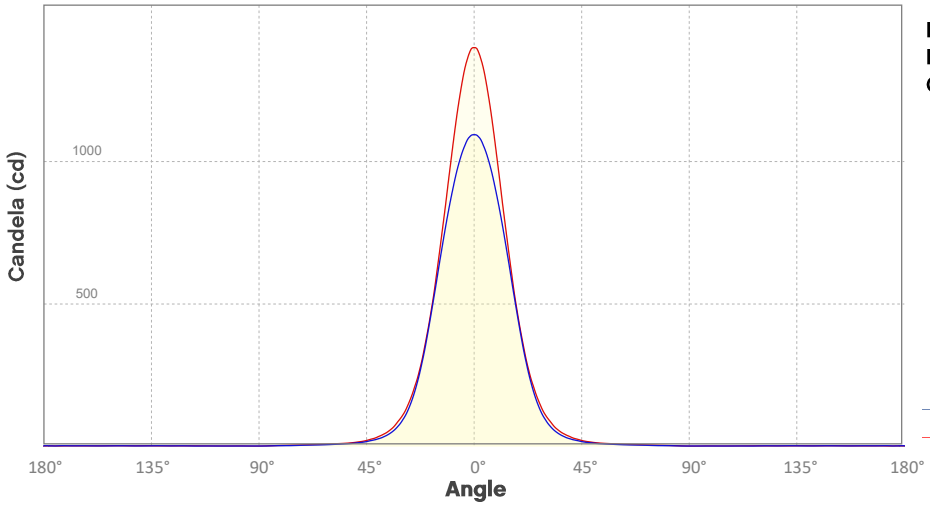
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1302	326	145	81	52	36	27	20	16	13
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	11	9	8	7	6	5	5	4	4	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	121	30	13	8	5	3	2	2	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

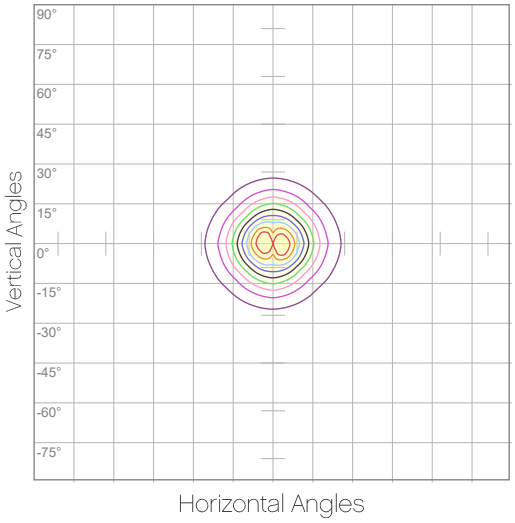
Candela Plot



Beam Angle (50%): 28.7°
Field Angle (10%): 54.8°
Cutoff Angle (3%): 77.7°

Horizontal Distribution
Vertical Distribution

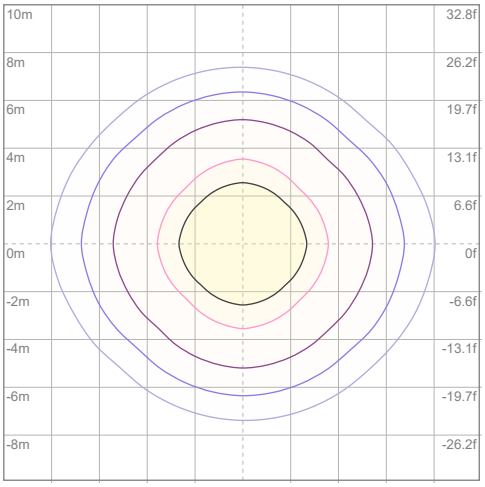
Polar Diagrams



iso-candela Diagram

10%	130 cd
20%	260 cd
30%	391 cd
40%	521 cd
50%	651 cd
60%	781 cd
70%	912 cd
80%	1042 cd
90%	1172 cd

Conditions:
Number of c-planes: 8
Candela at center: 1302 cd



iso-illuminance Diagram

3%	0.391 lx
5%	0.651 lx
10%	1.30 lx
30%	3.91 lx
50%	6.51 lx

Conditions:
Number of c-planes: 8
Lux at center: 13.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Report Summary

Output

Total Lumens: 272 lm
Peak Intensity: 871 cd
Illuminance @ 5m: 32 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28.5°
Vertical Beam Angle (50%): 32.7°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 57.4°
Horizontal Cutoff Angle (3%): 79.8°
Vertical Cutoff Angle (3%): 79.9°



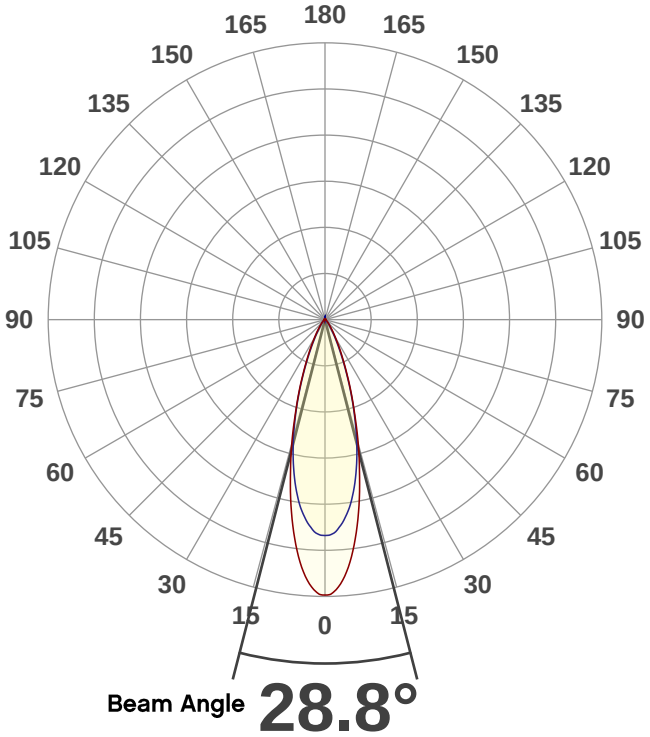
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

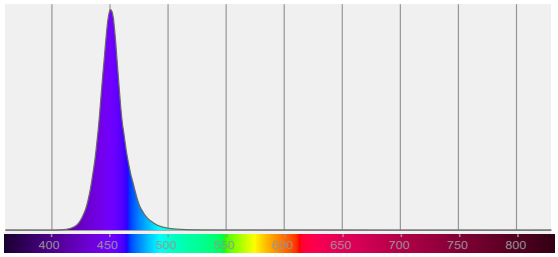
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Overall Measurement

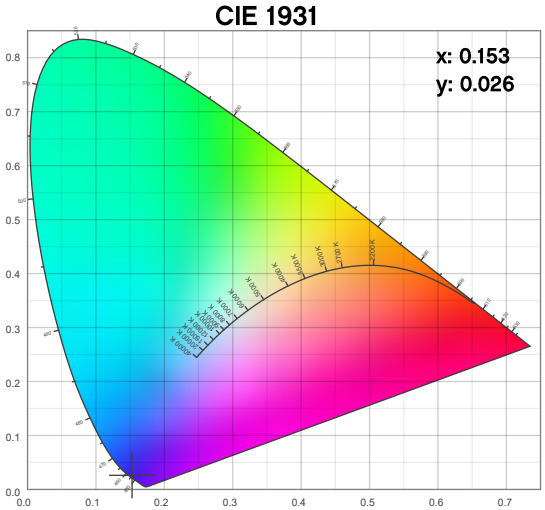
Angular Beam Distribution



Spectral Distribution



CIE 1931

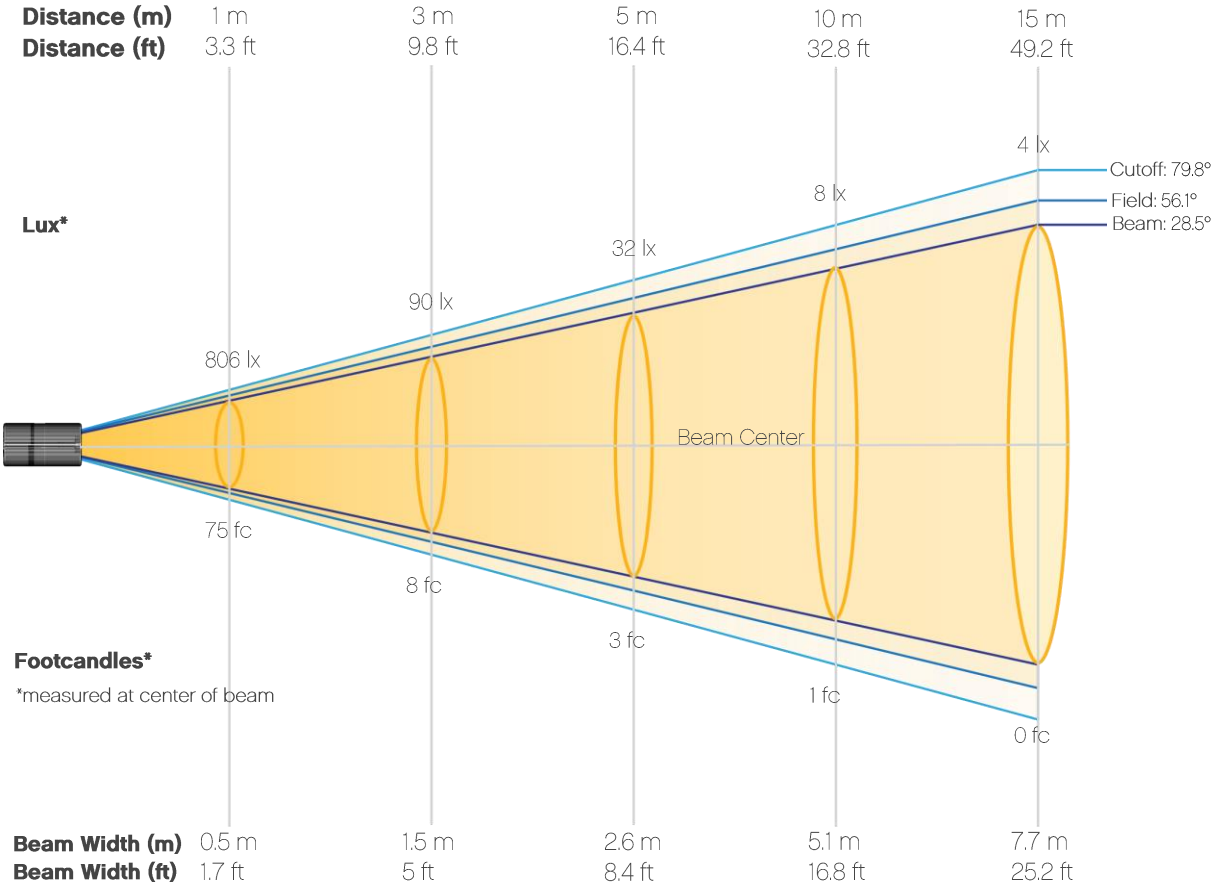


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

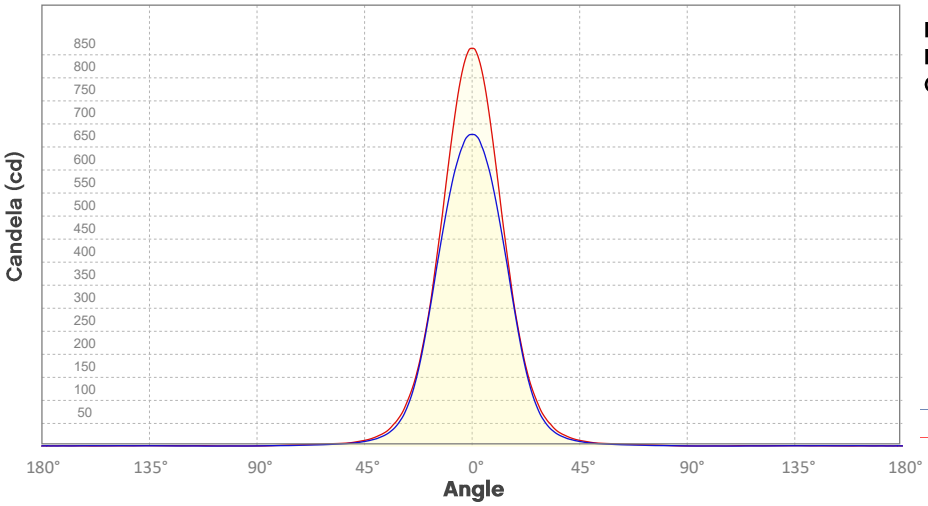
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	806	201	90	50	32	22	16	13	10	8
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	7	6	5	4	4	3	3	2	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	75	19	8	5	3	2	2	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

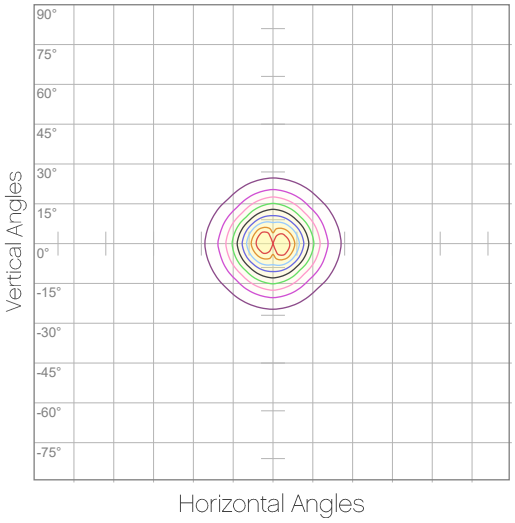
Candela Plot



Beam Angle (50%): 28.8°
Field Angle (10%): 54.8°
Cutoff Angle (3%): 77.6°

Horizontal Distribution
Vertical Distribution

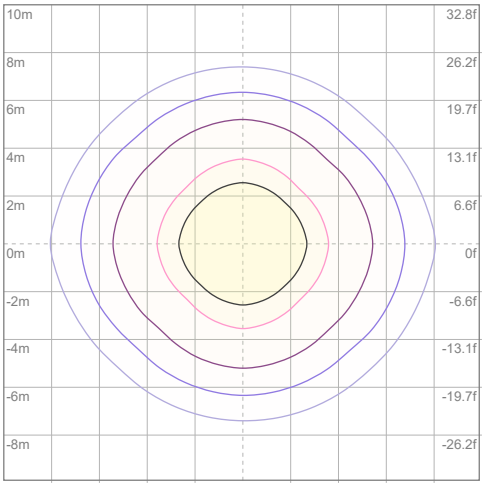
Polar Diagrams



iso-candela Diagram

10%	81 cd
20%	161 cd
30%	242 cd
40%	322 cd
50%	403 cd
60%	483 cd
70%	564 cd
80%	645 cd
90%	725 cd

Conditions:
Number of c-planes: 8
Candela at center: 806 cd



iso-illuminance Diagram

3%	0.242 lx
5%	0.403 lx
10%	0.806 lx
30%	2.42 lx
50%	4.03 lx

Conditions:
Number of c-planes: 8
Lux at center: 8.06 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Report Summary

Output

Total Lumens: 184 lm
Peak Intensity: 561 cd
Illuminance @ 5m: 21 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 28.6°
Vertical Beam Angle (50%): 32°
Horizontal Field Angle (10%): 56.2°
Vertical Field Angle (10%): 57.2°
Horizontal Cutoff Angle (3%): 81.3°
Vertical Cutoff Angle (3%): 81.1°



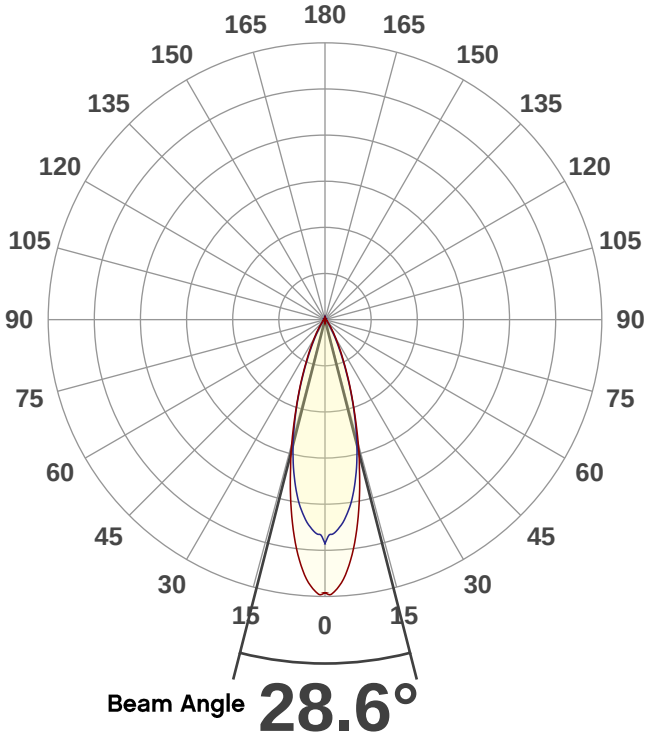
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

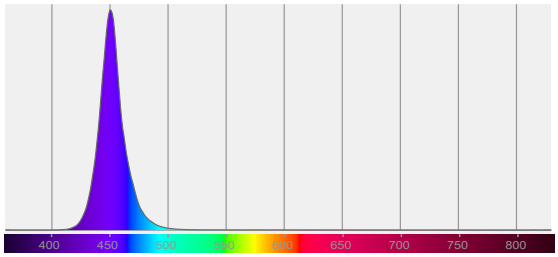
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Overall Measurement

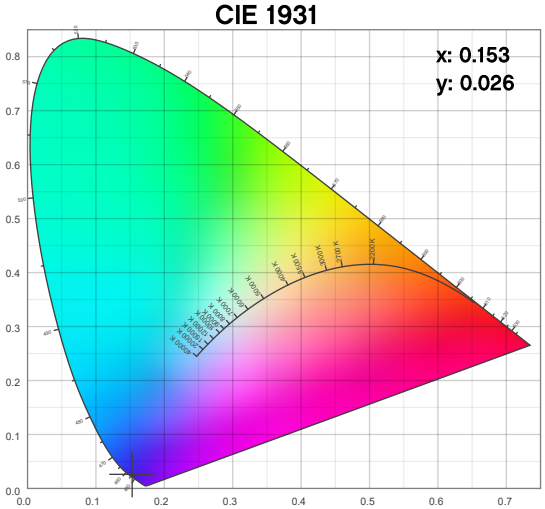
Angular Beam Distribution



Spectral Distribution



CIE 1931

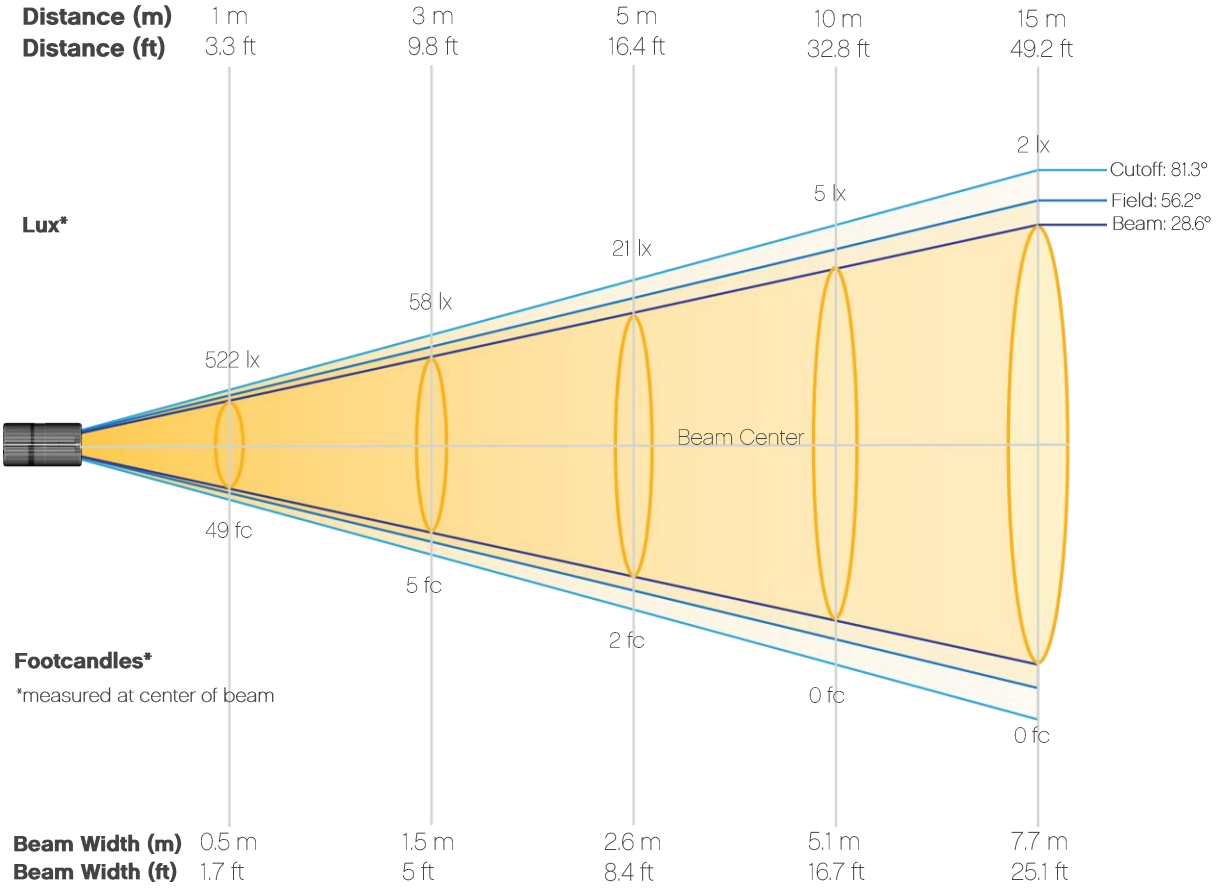


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

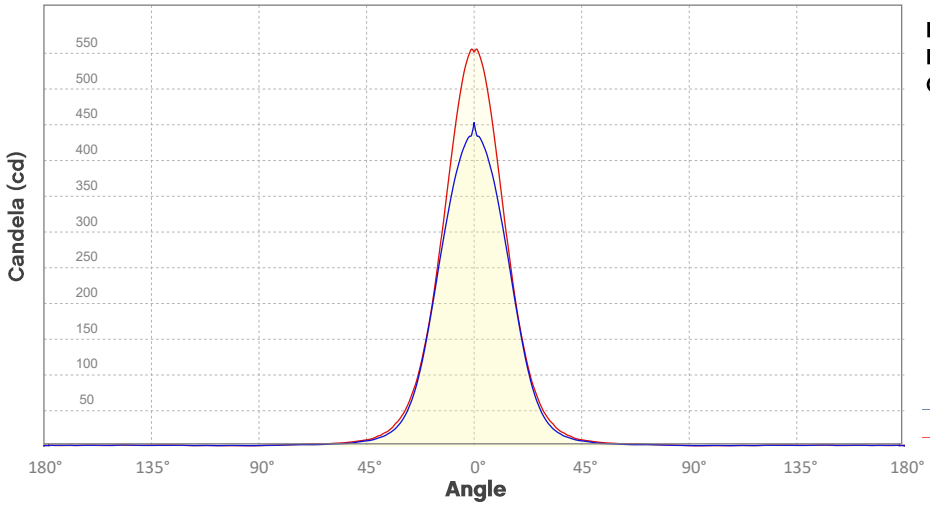
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	522	131	58	33	21	15	11	8	6	5
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	4	4	3	3	2	2	2	2	1	1
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	49	12	5	3	2	1	1	1	1	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, Blue Only

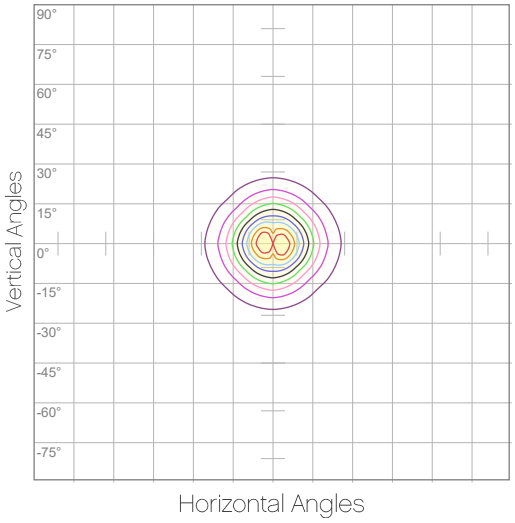
Candela Plot



Beam Angle (50%): 28.6°
Field Angle (10%): 54.9°
Cutoff Angle (3%): 79°

Horizontal Distribution
Vertical Distribution

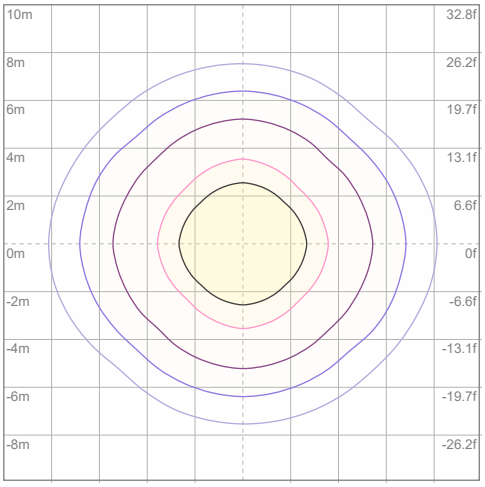
Polar Diagrams



iso-candela Diagram

10%	52 cd
20%	104 cd
30%	157 cd
40%	209 cd
50%	261 cd
60%	313 cd
70%	366 cd
80%	418 cd
90%	470 cd

Conditions:
Number of c-planes: 8
Candela at center: 522 cd



iso-illuminance Diagram

3%	0.157 lx
5%	0.261 lx
10%	0.522 lx
30%	1.57 lx
50%	2.61 lx

Conditions:
Number of c-planes: 8
Lux at center: 5.22 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Report Summary

Output

Total Lumens: 3642 lm
Peak Intensity: 12020 cd
Illuminance @ 5m: 478 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 28.8°
Horizontal Field Angle (10%): 55°
Vertical Field Angle (10%): 53.3°
Horizontal Cutoff Angle (3%): 77.3°
Vertical Cutoff Angle (3%): 75.3°



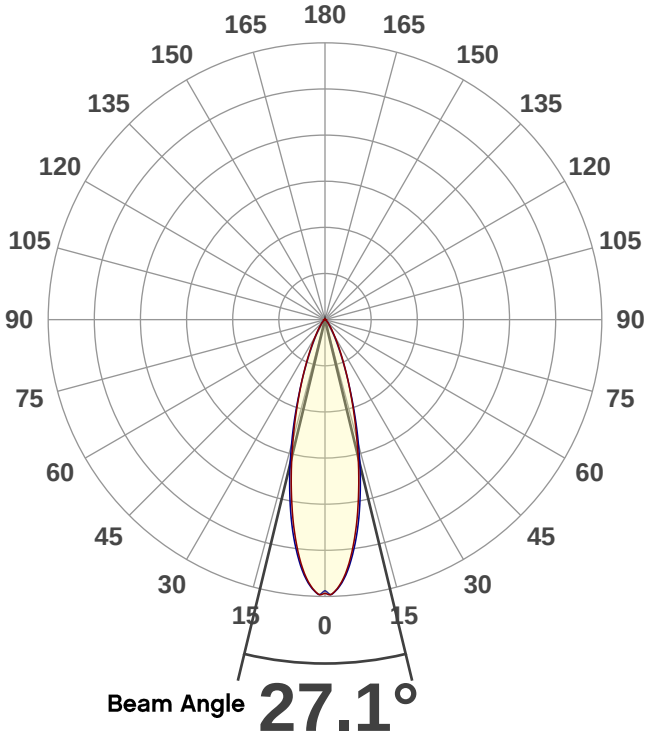
Conditions

AC Supply: 119 V, 60.1 Hz
Power: 262.58 W
Current: 2.21 A
Power Factor: 1.0

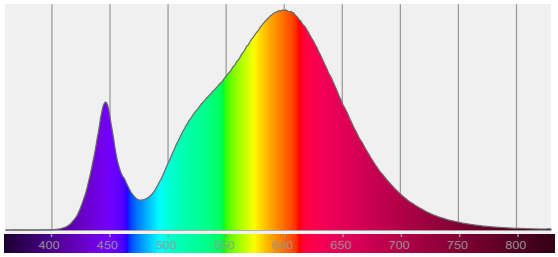
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Overall Measurement

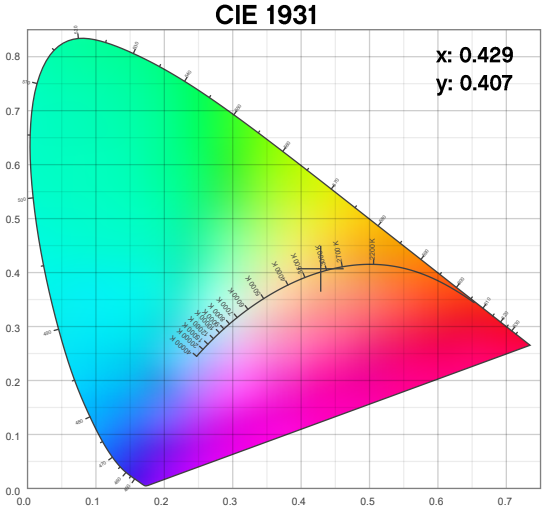
Angular Beam Distribution



Spectral Distribution



CIE 1931

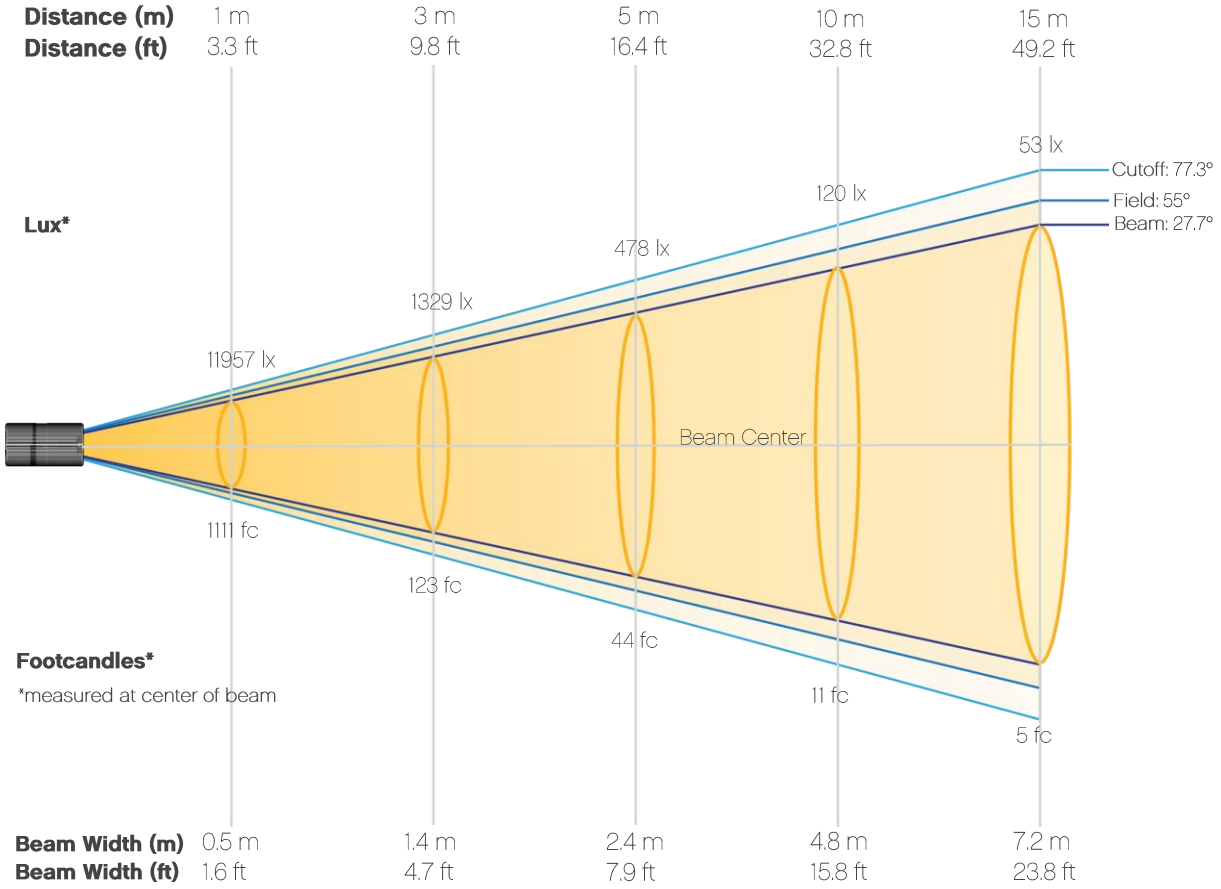


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

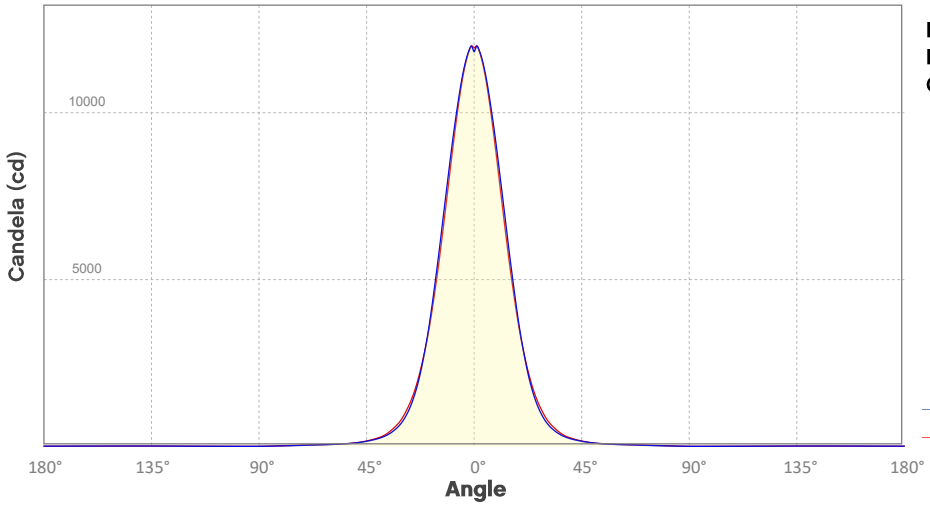
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11957	2989	1329	747	478	332	244	187	148	120
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	99	83	71	61	53	47	41	37	33	30
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1111	278	123	69	44	31	23	17	14	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	7	6	5	4	4	3	3	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

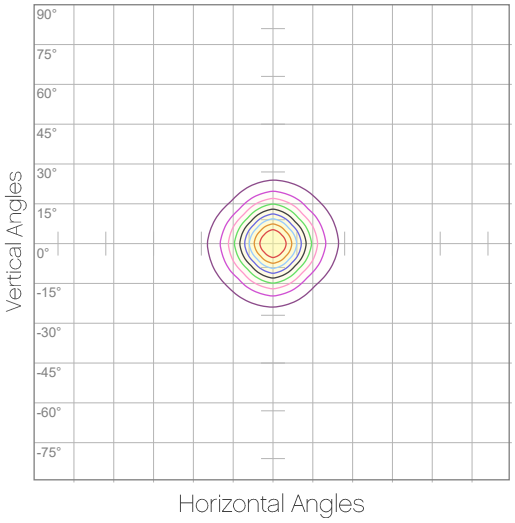
Candela Plot



Beam Angle (50%): 27.1°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 74.7°

Horizontal Distribution
Vertical Distribution

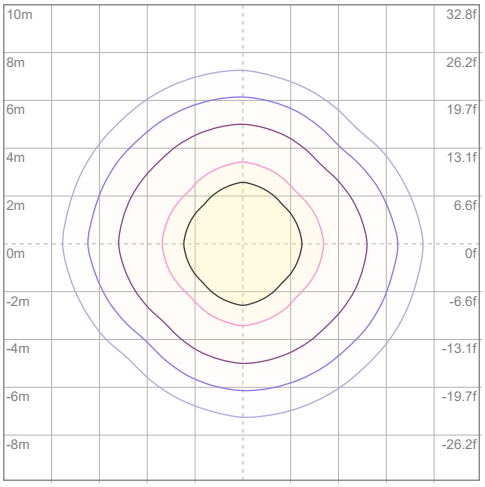
Polar Diagrams



iso-candela Diagram

10%	1196 cd
20%	2391 cd
30%	3587 cd
40%	4783 cd
50%	5979 cd
60%	7174 cd
70%	8370 cd
80%	9566 cd
90%	10762 cd

Conditions:
Number of c-planes: 8
Candela at center: 11957 cd



iso-illuminance Diagram

3%	3.59 lx
5%	5.98 lx
10%	12.0 lx
30%	35.9 lx
50%	59.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 120 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Report Summary

Output

Total Lumens: 1762 lm
Peak Intensity: 6056 cd
Illuminance @ 5m: 224 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 32.1°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 56.3°
Horizontal Cutoff Angle (3%): 78.1°
Vertical Cutoff Angle (3%): 78.8°



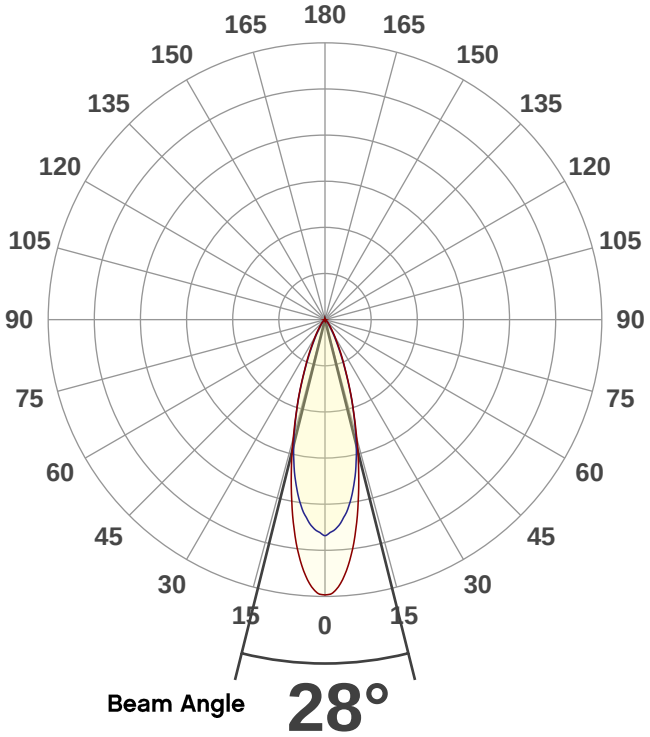
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

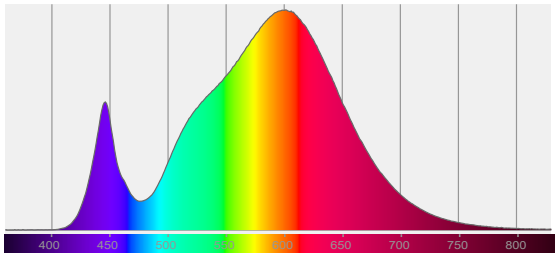
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Overall Measurement

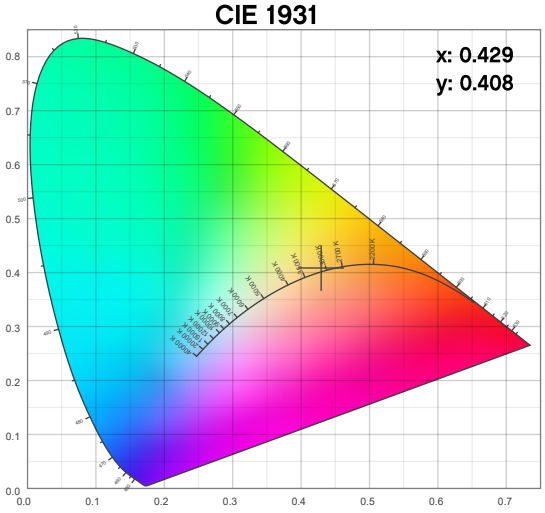
Angular Beam Distribution



Spectral Distribution



CIE 1931

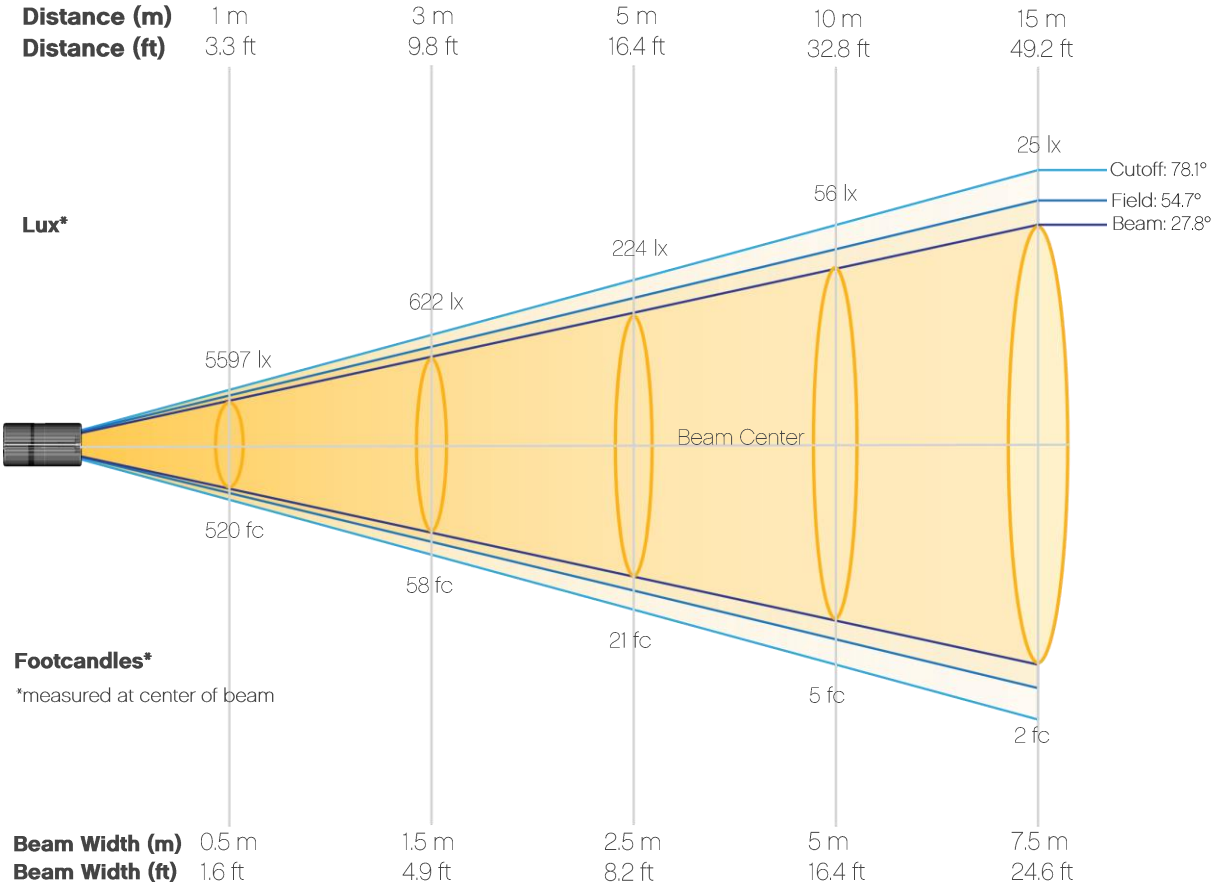


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

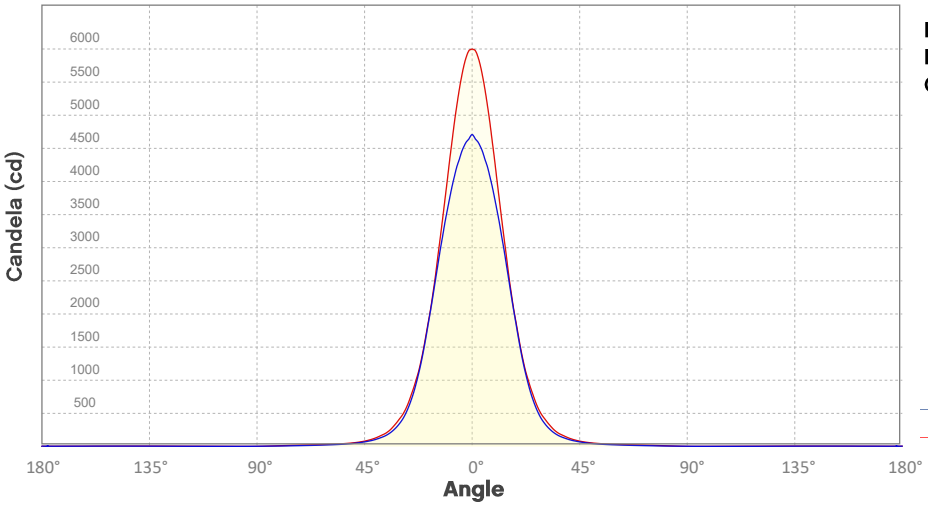
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5597	1399	622	350	224	155	114	87	69	56
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	46	39	33	29	25	22	19	17	16	14
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	520	130	58	32	21	14	11	8	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	4	3	3	2	2	2	2	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

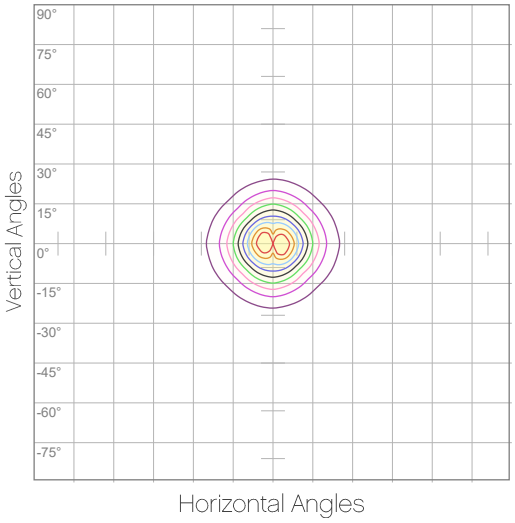
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 76.2°

Horizontal Distribution
Vertical Distribution

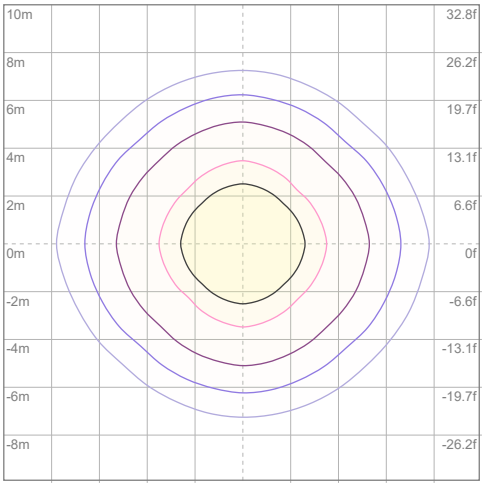
Polar Diagrams



iso-candela Diagram

10%	560 cd
20%	1119 cd
30%	1679 cd
40%	2239 cd
50%	2799 cd
60%	3358 cd
70%	3918 cd
80%	4478 cd
90%	5037 cd

Conditions:
Number of c-planes: 8
Candela at center: 5597 cd



iso-illuminance Diagram

3%	1.68 lx
5%	2.80 lx
10%	5.60 lx
30%	16.8 lx
50%	28.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 56.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Report Summary

Output

Total Lumens: 1107 lm
Peak Intensity: 3805 cd
Illuminance @ 5m: 140 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 32.4°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 56.7°
Horizontal Cutoff Angle (3%): 78°
Vertical Cutoff Angle (3%): 79.1°



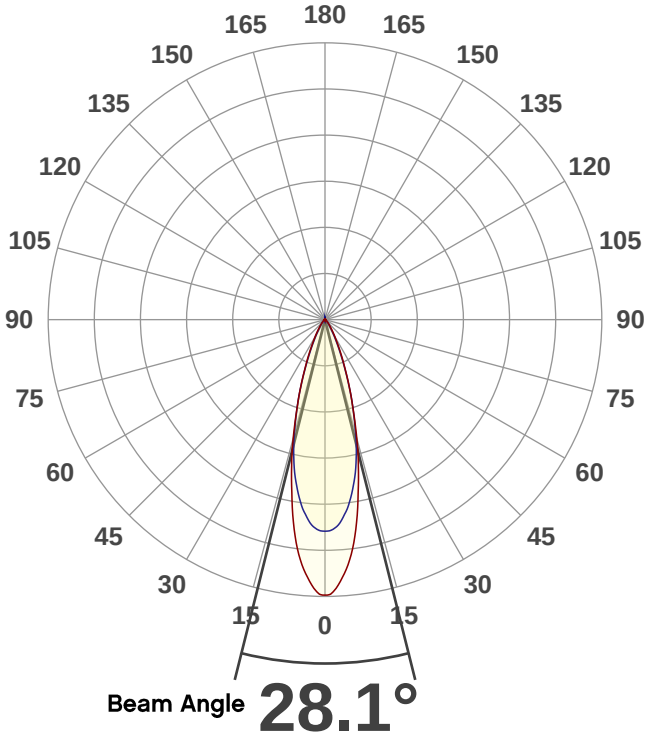
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

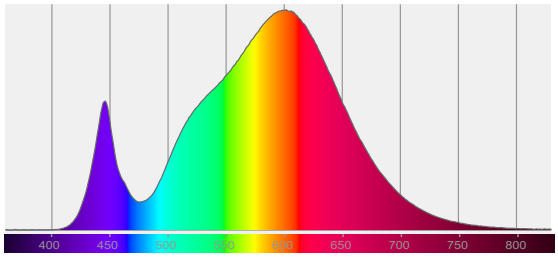
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Overall Measurement

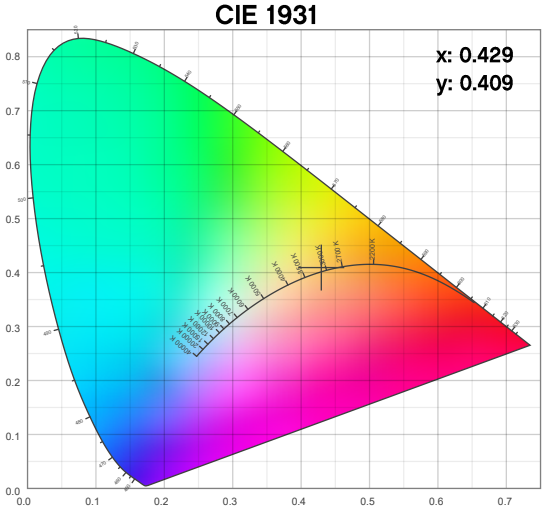
Angular Beam Distribution



Spectral Distribution



CIE 1931

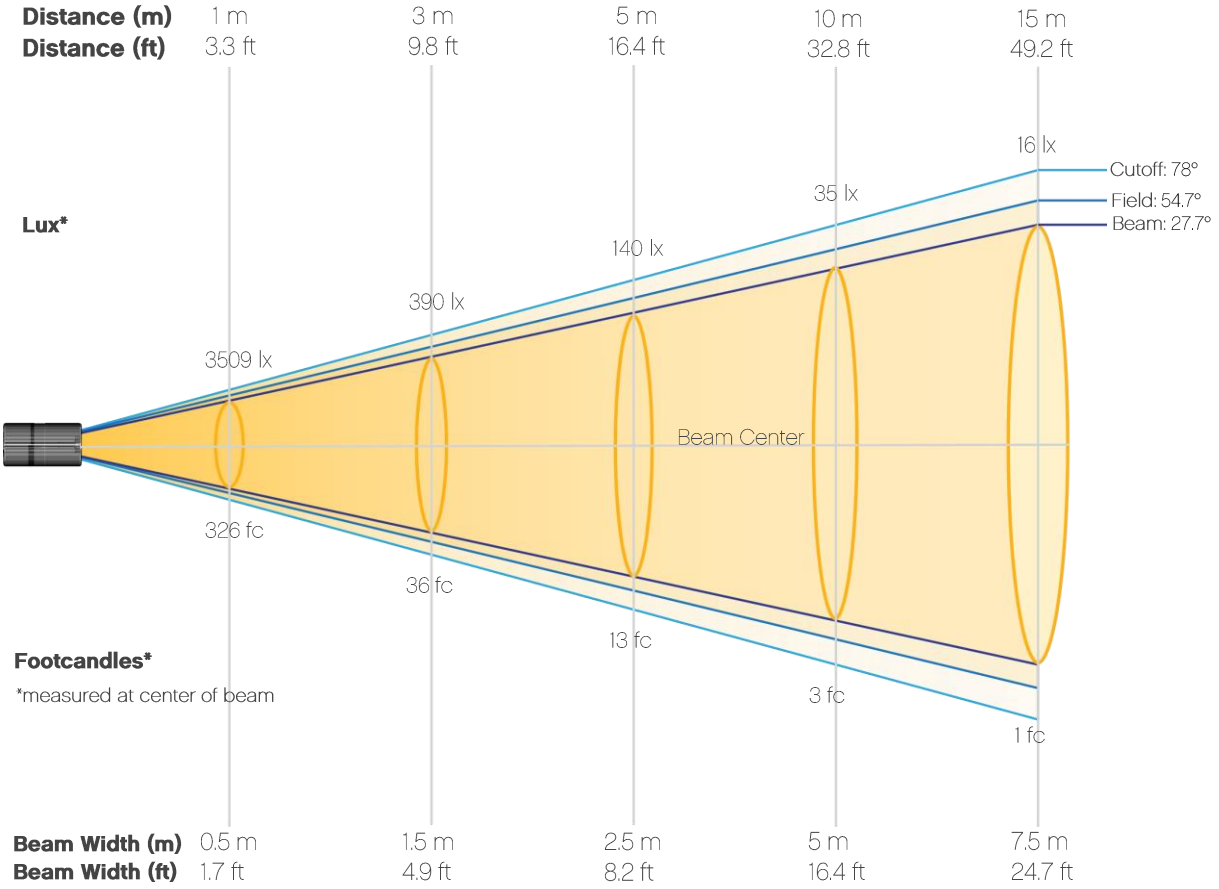


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

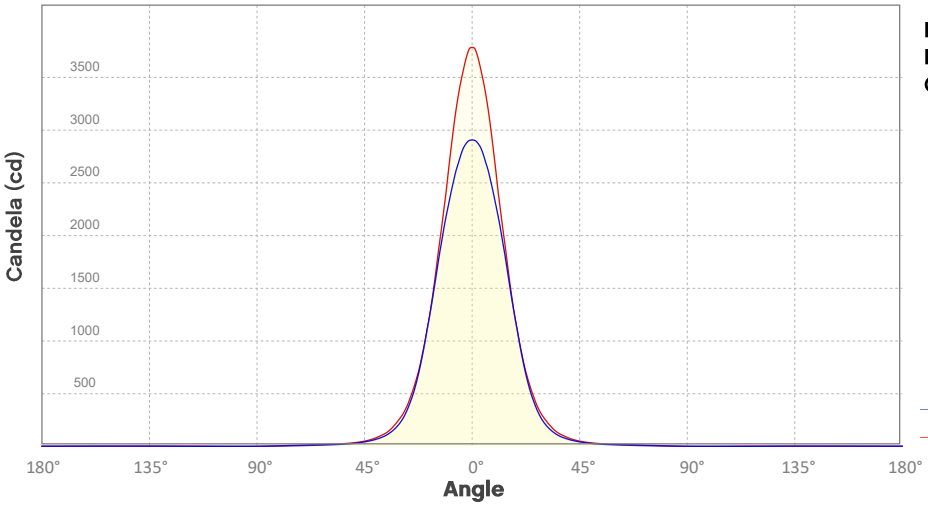
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3509	877	390	219	140	97	72	55	43	35
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	29	24	21	18	16	14	12	11	10	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	326	81	36	20	13	9	7	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

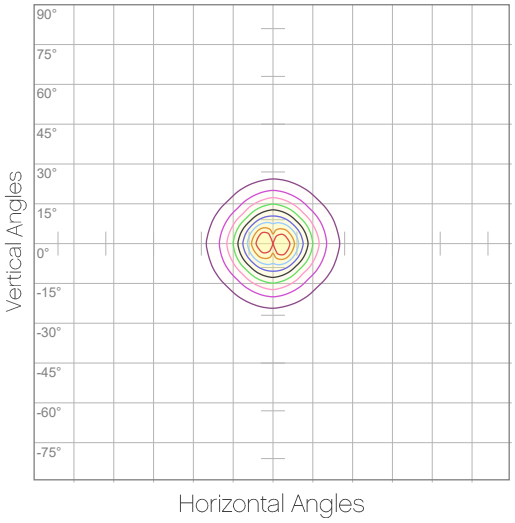
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.7°
Cutoff Angle (3%): 76.3°

Horizontal Distribution
Vertical Distribution

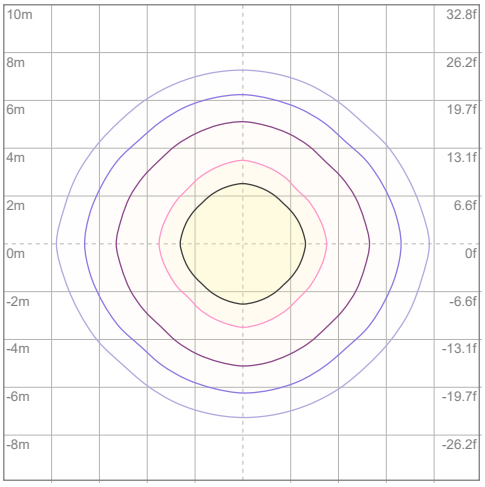
Polar Diagrams



iso-candela Diagram

10%	351 cd
20%	702 cd
30%	1053 cd
40%	1403 cd
50%	1754 cd
60%	2105 cd
70%	2456 cd
80%	2807 cd
90%	3158 cd

Conditions:
Number of c-planes: 8
Candela at center: 3509 cd



iso-illuminance Diagram

3%	1.05 lx
5%	1.75 lx
10%	3.51 lx
30%	10.5 lx
50%	17.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 35.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Report Summary

Output

Total Lumens: 723 lm
Peak Intensity: 2472 cd
Illuminance @ 5m: 92 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 31.7°
Horizontal Field Angle (10%): 54.9°
Vertical Field Angle (10%): 56.1°
Horizontal Cutoff Angle (3%): 78.2°
Vertical Cutoff Angle (3%): 78.4°



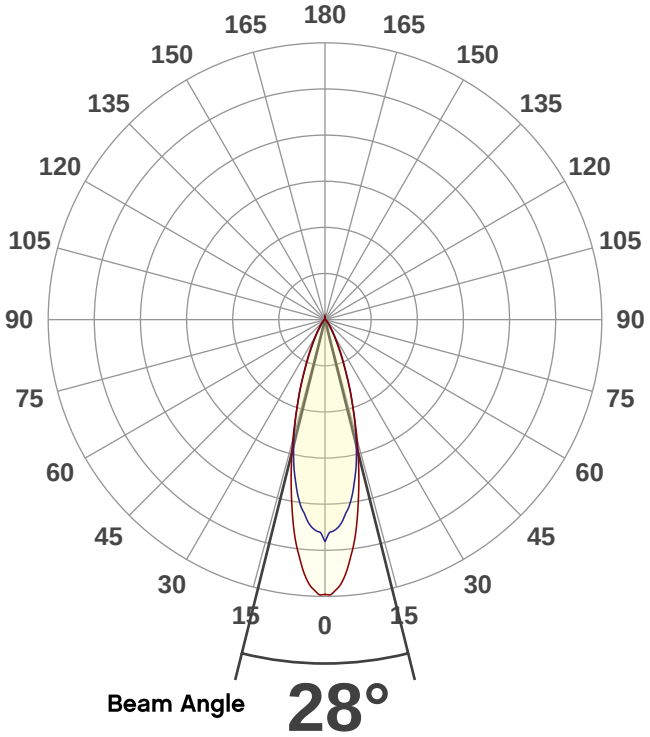
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

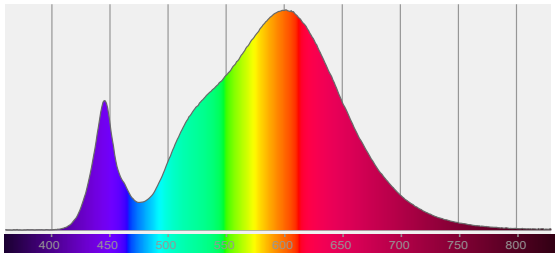
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Overall Measurement

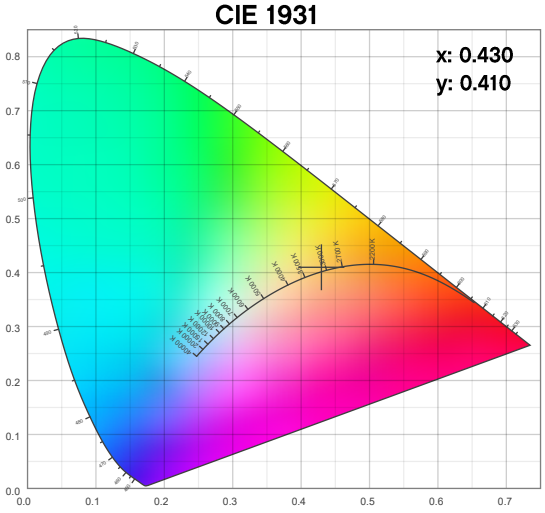
Angular Beam Distribution



Spectral Distribution



CIE 1931

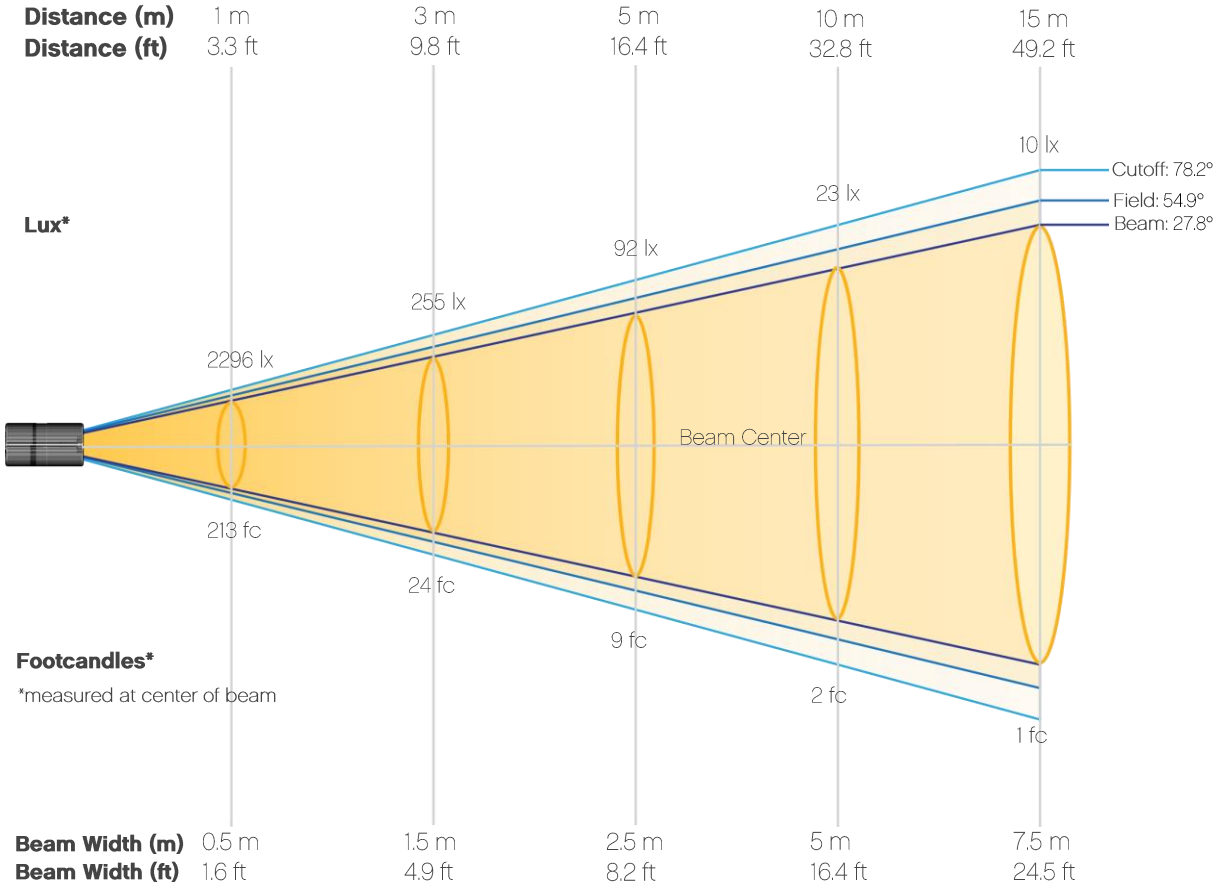


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

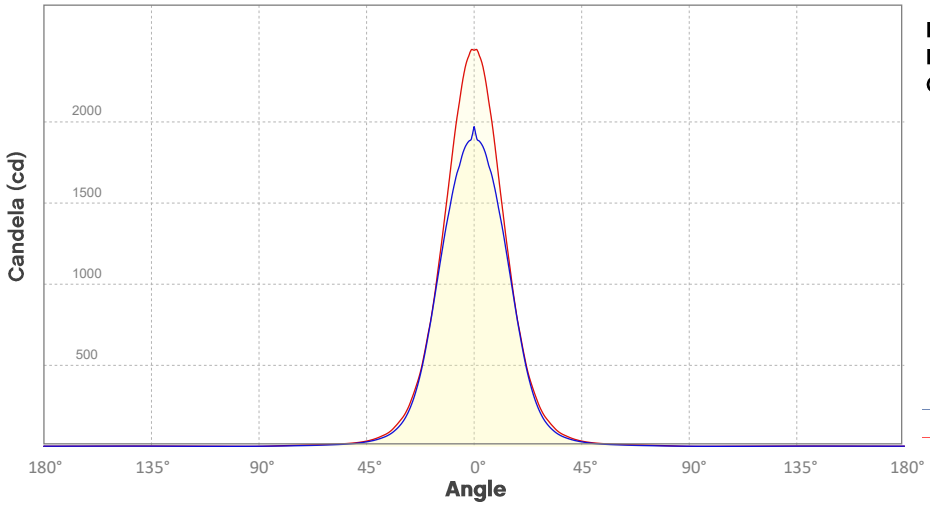
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2296	574	255	143	92	64	47	36	28	23
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	14	12	10	9	8	7	6	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	213	53	24	13	9	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, White Only

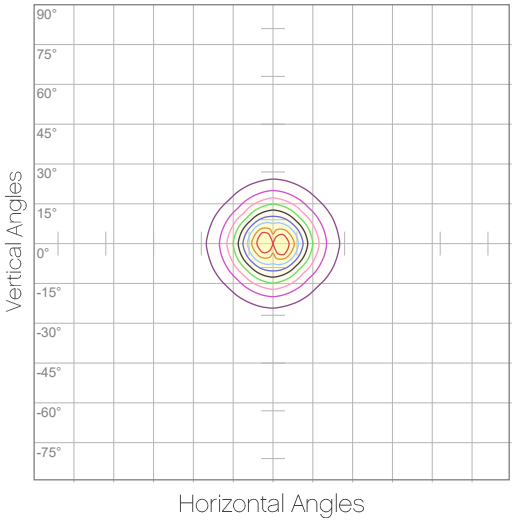
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 76.2°

Horizontal Distribution
Vertical Distribution

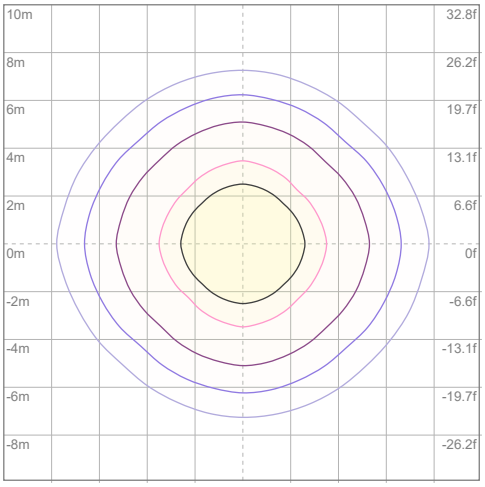
Polar Diagrams



iso-candela Diagram

10%	230 cd
20%	459 cd
30%	689 cd
40%	918 cd
50%	1148 cd
60%	1377 cd
70%	1607 cd
80%	1837 cd
90%	2066 cd

Conditions:
Number of c-planes: 8
Candela at center: 2296 cd



iso-illuminance Diagram

3%	0.689 lx
5%	1.15 lx
10%	2.30 lx
30%	6.89 lx
50%	11.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 23.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Report Summary

Output

Total Lumens: 4501 lm
Peak Intensity: 15093 cd
Illuminance @ 5m: 601 lux
Fixture Efficacy: 17 lm/W

Optical

Horizontal Beam Angle (50%): 27.6°
Vertical Beam Angle (50%): 28.7°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 53.2°
Horizontal Cutoff Angle (3%): 77°
Vertical Cutoff Angle (3%): 74.9°



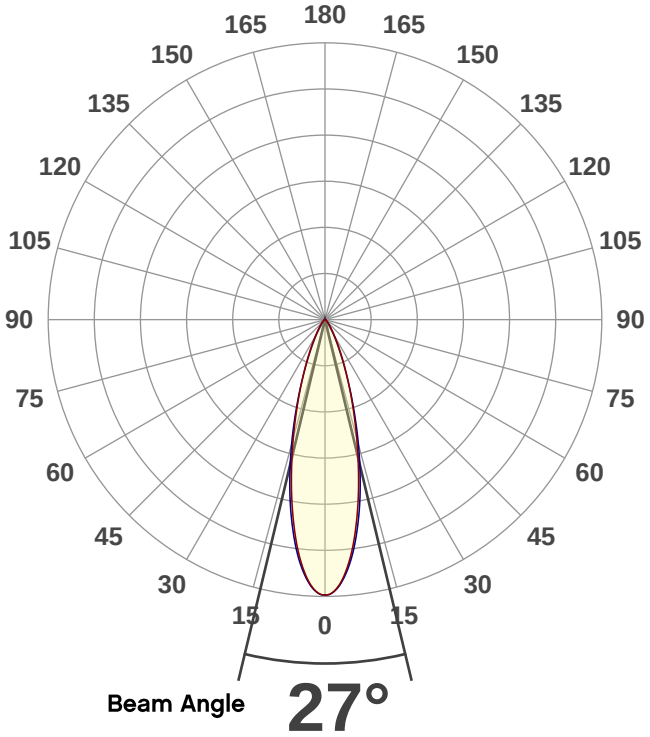
Conditions

AC Supply: 119 V, 60 Hz
Power: 262.51 W
Current: 2.20 A
Power Factor: 1.0

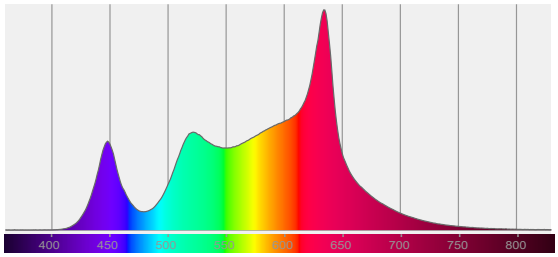
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Overall Measurement

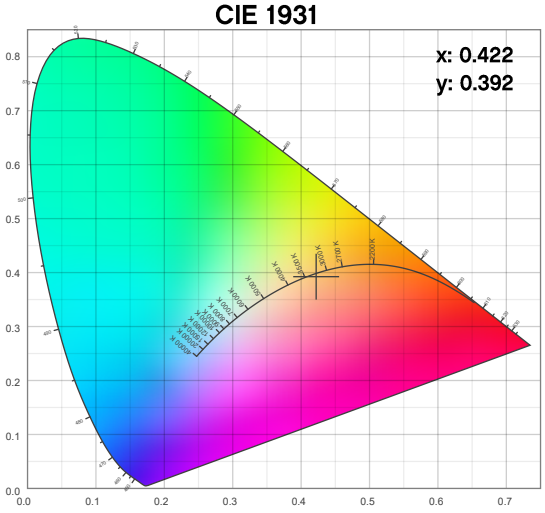
Angular Beam Distribution



Spectral Distribution



CIE 1931

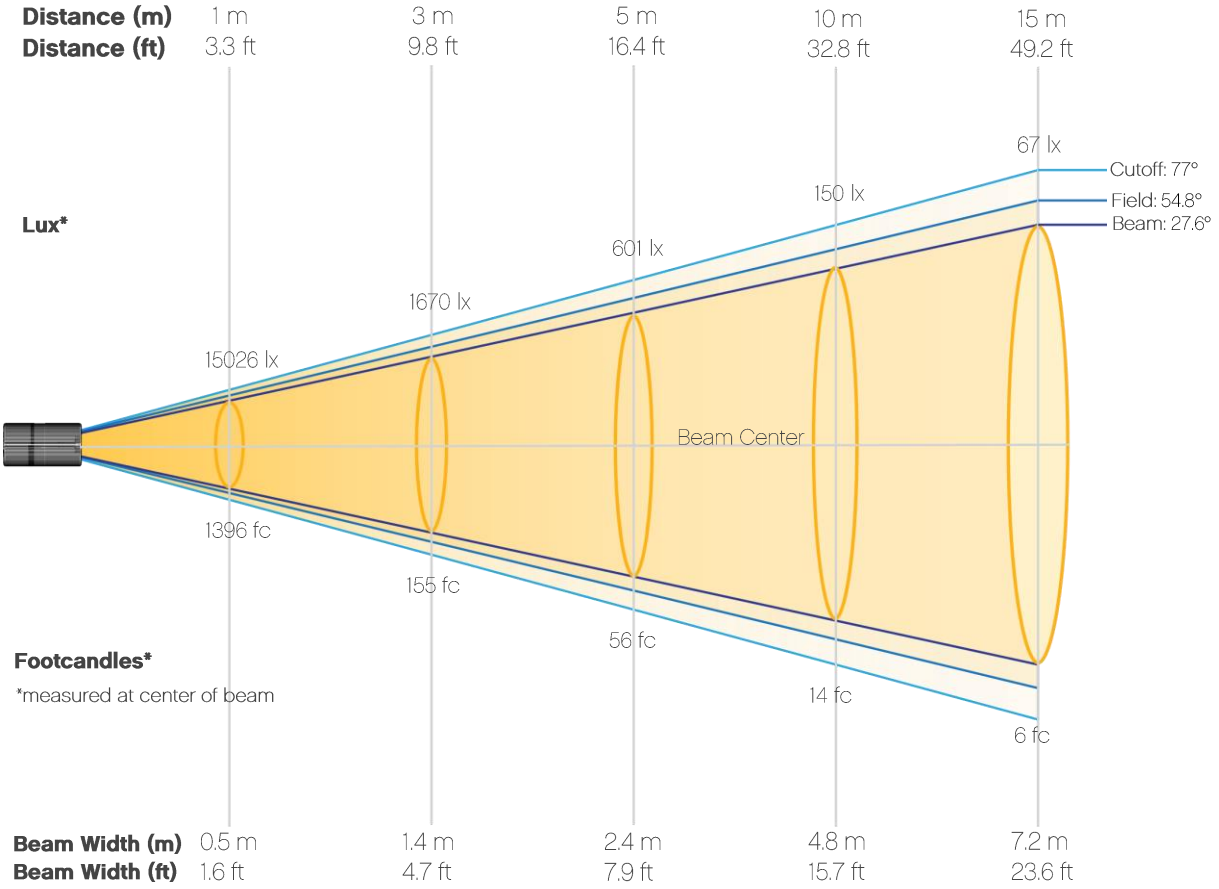


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

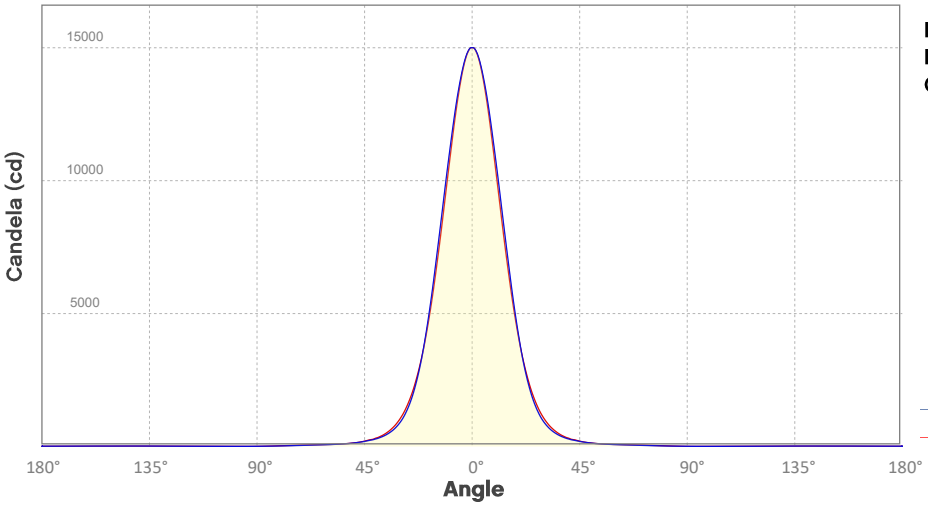
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15026	3756	1670	939	601	417	307	235	186	150
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	124	104	89	77	67	59	52	46	42	38
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1396	349	155	87	56	39	28	22	17	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	8	7	6	5	5	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

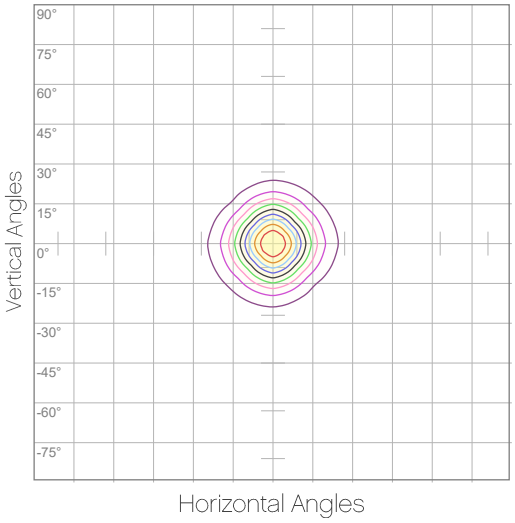
Candela Plot



Beam Angle (50%): 27°
Field Angle (10%): 52.4°
Cutoff Angle (3%): 74.4°

Horizontal Distribution
Vertical Distribution

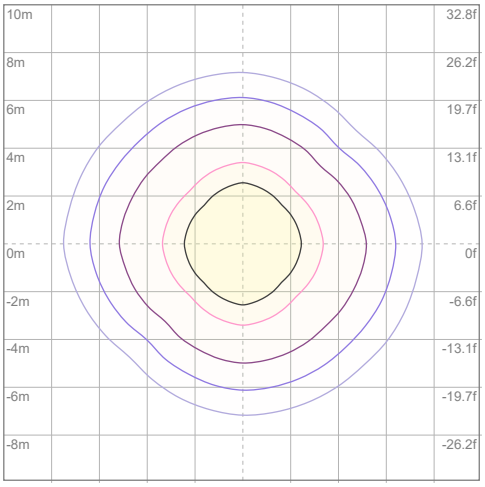
Polar Diagrams



iso-candela Diagram

10%	1503 cd
20%	3005 cd
30%	4508 cd
40%	6010 cd
50%	7513 cd
60%	9015 cd
70%	10518 cd
80%	12020 cd
90%	13523 cd

Conditions:
Number of c-planes: 8
Candela at center: 15026 cd



iso-illuminance Diagram

3%	4.51 lx
5%	7.51 lx
10%	15.0 lx
30%	45.1 lx
50%	75.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 150 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40 deg, 3200K

Report Summary

Output

Total Lumens: 4339 lm
Peak Intensity: 15007 cd
Illuminance @ 5m: 552 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.5°
Vertical Beam Angle (50%): 32.4°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 56.5°
Horizontal Cutoff Angle (3%): 77.6°
Vertical Cutoff Angle (3%): 78.7°



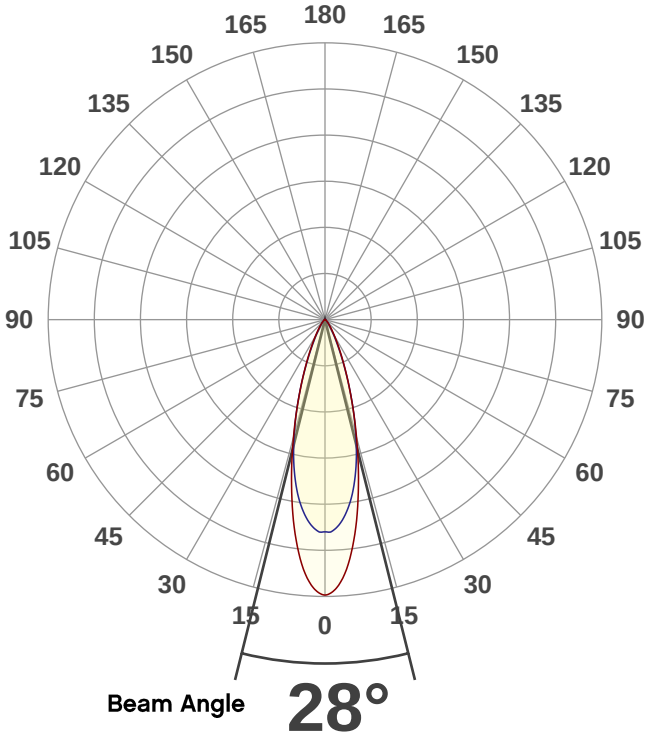
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

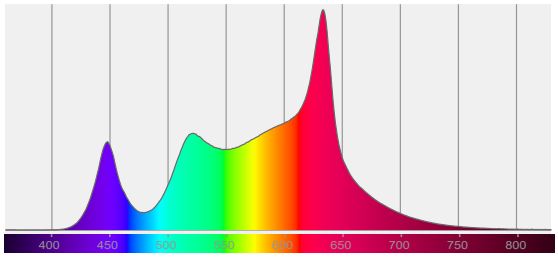
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Overall Measurement

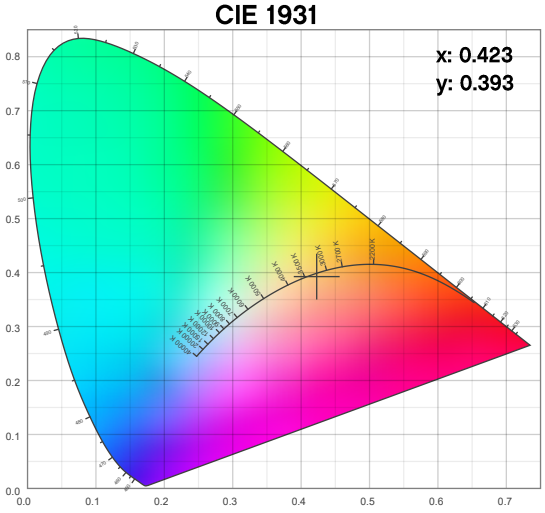
Angular Beam Distribution



Spectral Distribution



CIE 1931

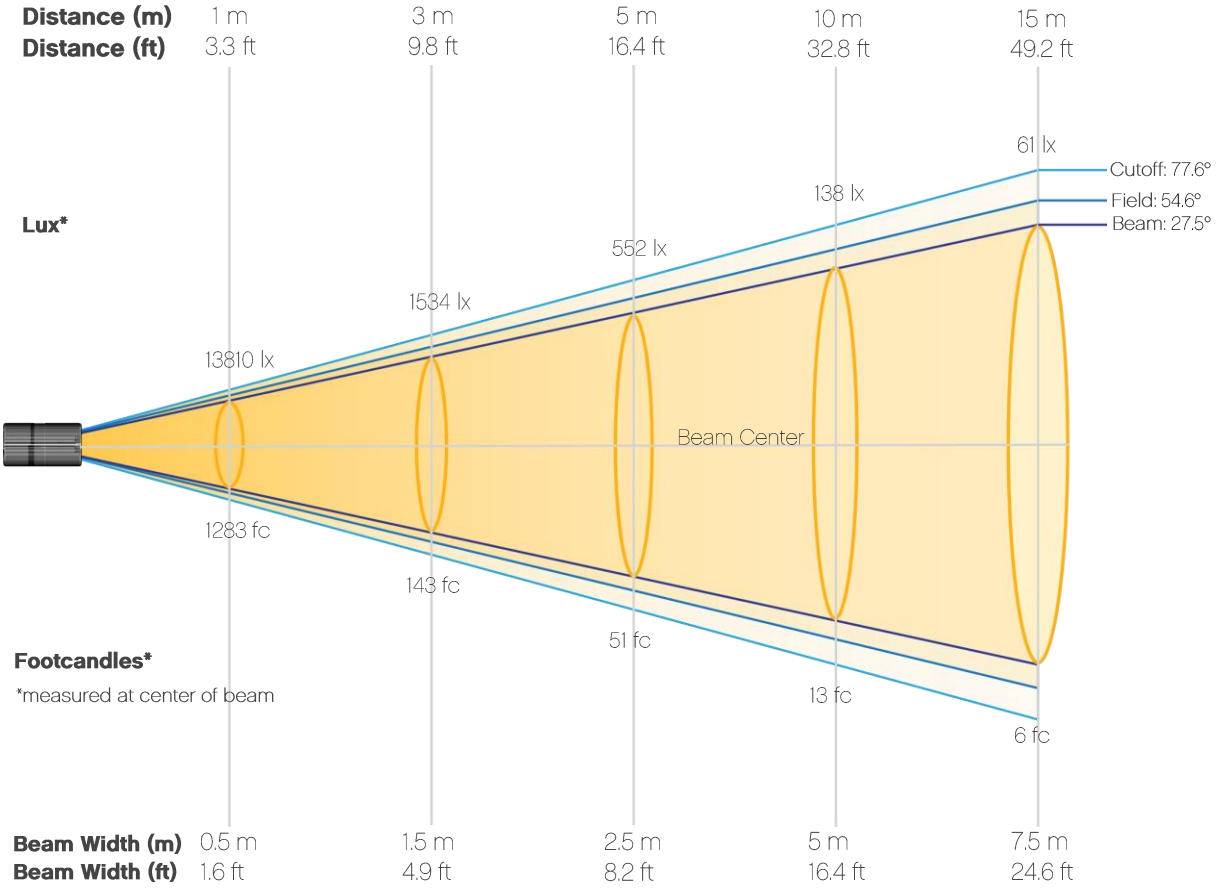


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40 deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

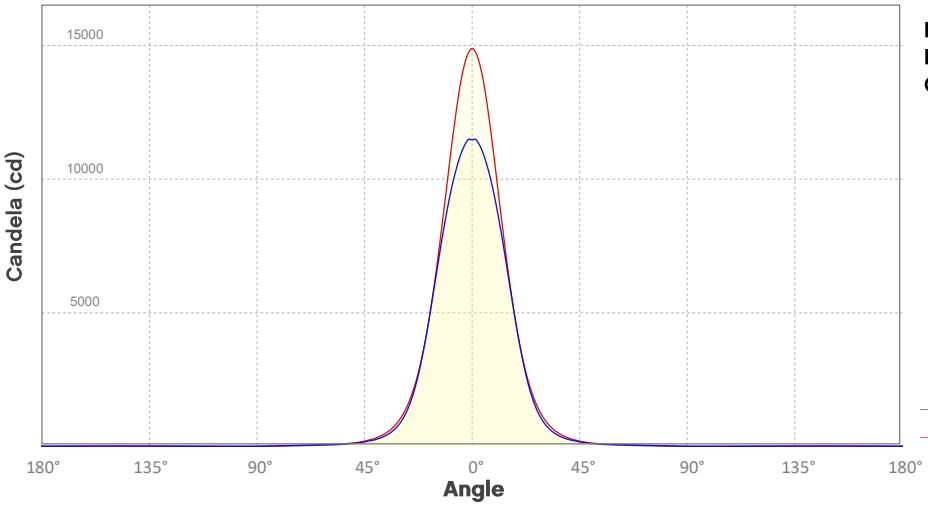
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13810	3453	1534	863	552	384	282	216	170	138
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	114	96	82	70	61	54	48	43	38	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1283	321	143	80	51	36	26	20	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	4	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40 deg, 3200K

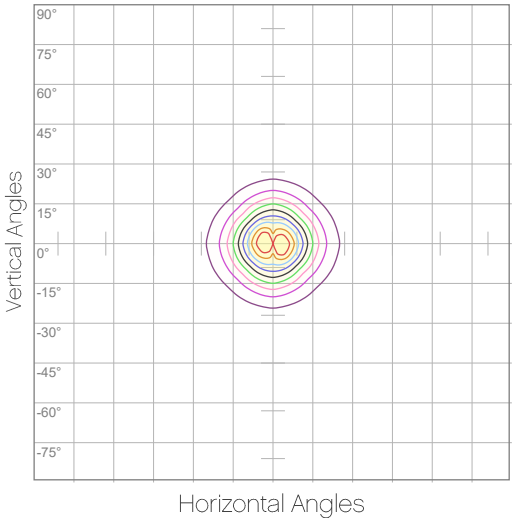
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 76°

Horizontal Distribution
Vertical Distribution

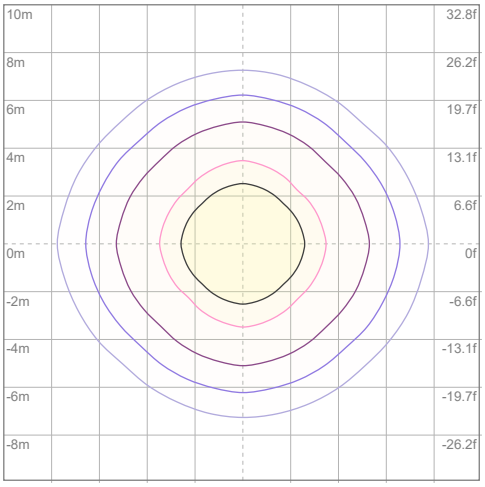
Polar Diagrams



iso-candela Diagram

10%	1381 cd
20%	2762 cd
30%	4143 cd
40%	5524 cd
50%	6905 cd
60%	8286 cd
70%	9667 cd
80%	11048 cd
90%	12429 cd

Conditions:
Number of c-planes: 8
Candela at center: 13810 cd



iso-illuminance Diagram

3%	4.14 lx
5%	6.91 lx
10%	13.8 lx
30%	41.4 lx
50%	69.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 138 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Report Summary

Output

Total Lumens: 2205 lm
Peak Intensity: 7611 cd
Illuminance @ 5m: 281 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 32.3°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 56.4°
Horizontal Cutoff Angle (3%): 77.7°
Vertical Cutoff Angle (3%): 78.6°



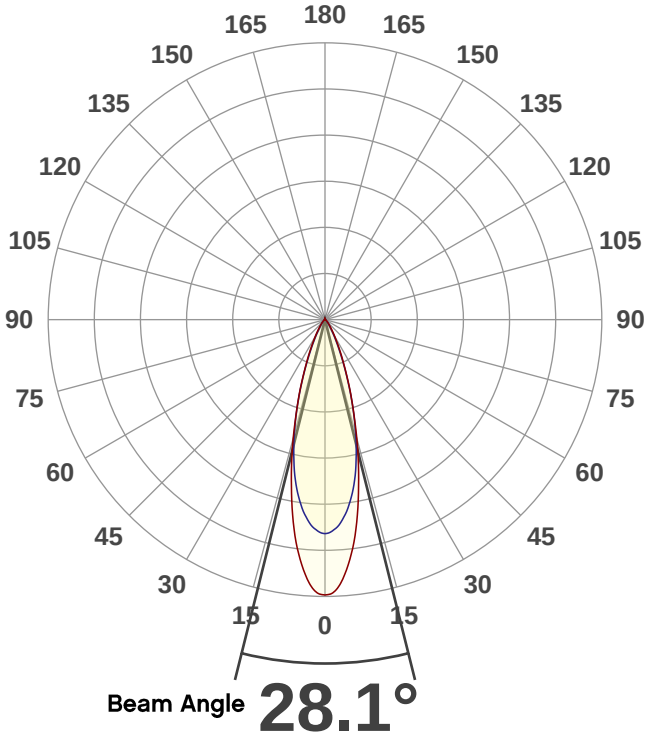
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

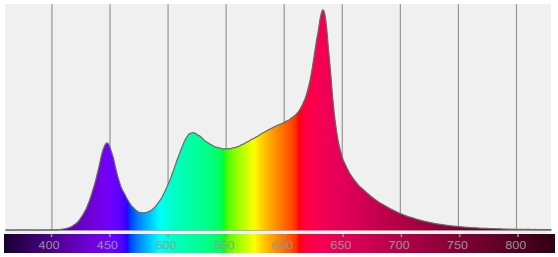
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Overall Measurement

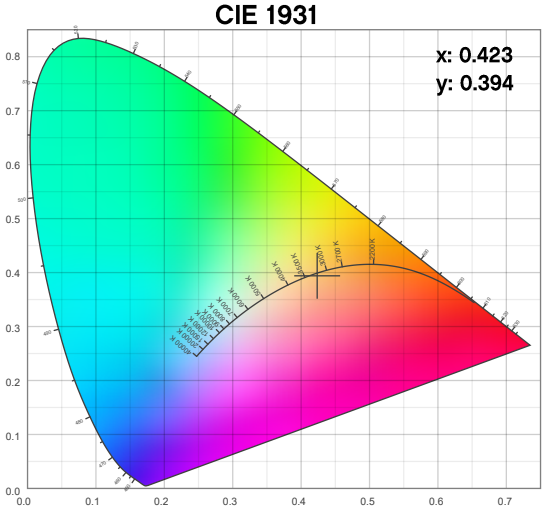
Angular Beam Distribution



Spectral Distribution



CIE 1931

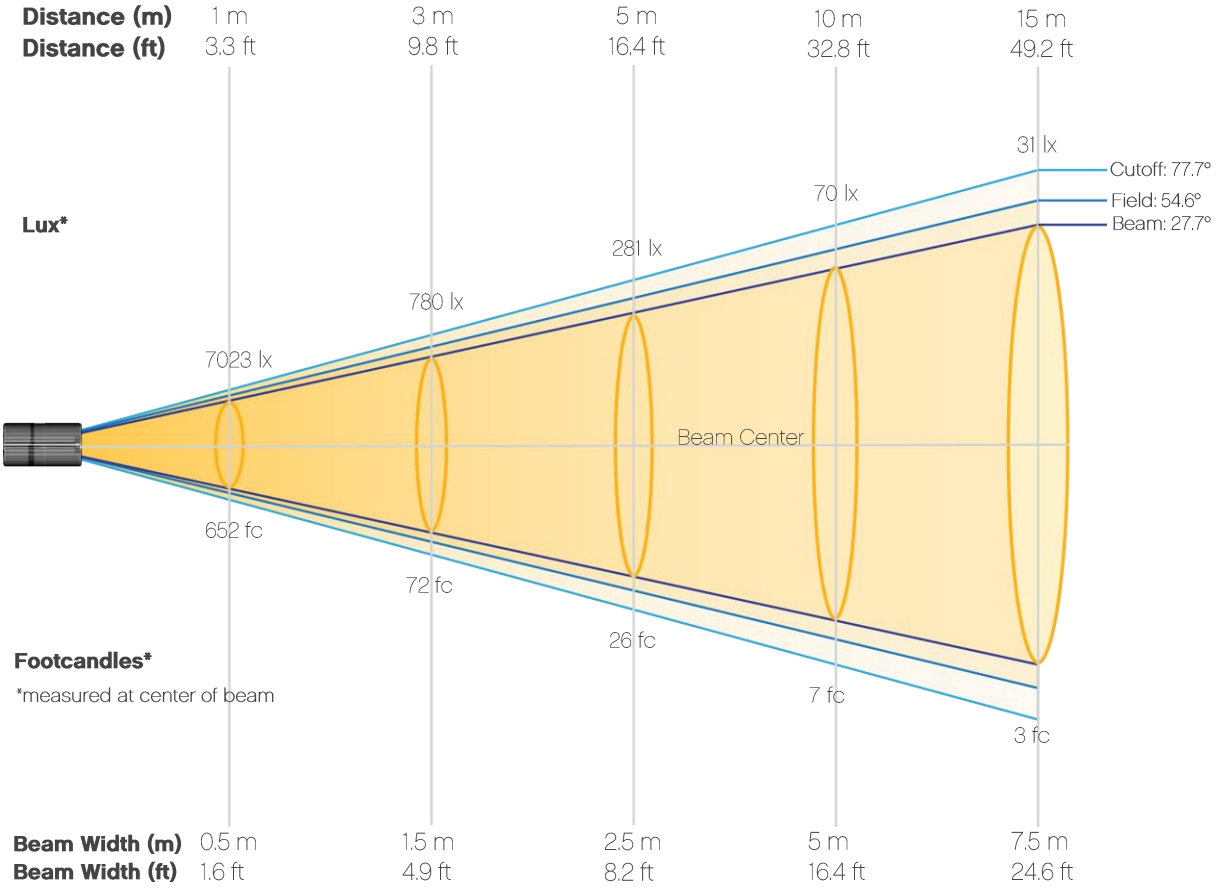


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

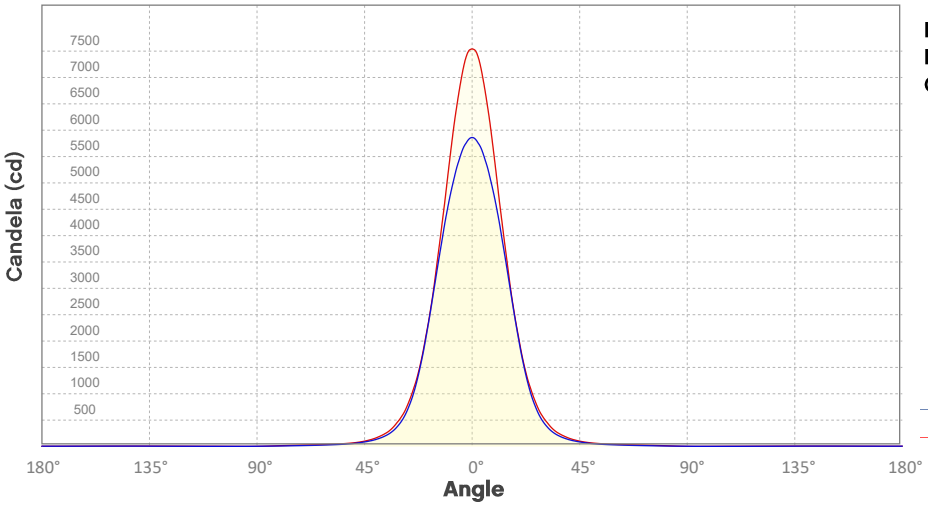
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7023	1756	780	439	281	195	143	110	87	70
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	58	49	42	36	31	27	24	22	19	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	652	163	72	41	26	18	13	10	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	5	4	3	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

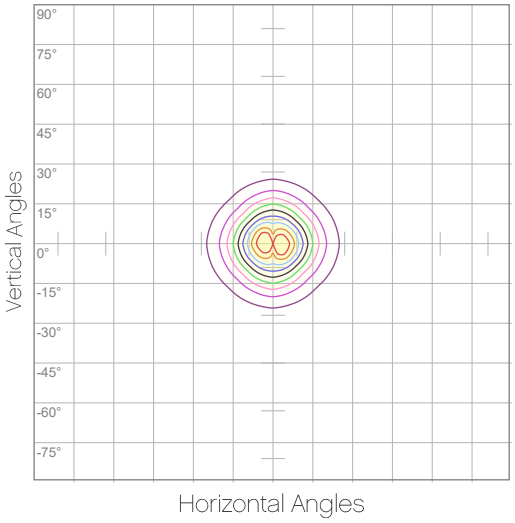
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

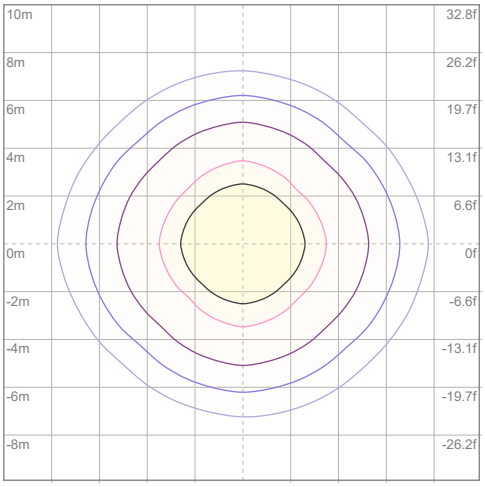
Polar Diagrams



iso-candela Diagram

10%	702 cd
20%	1405 cd
30%	2107 cd
40%	2809 cd
50%	3512 cd
60%	4214 cd
70%	4916 cd
80%	5619 cd
90%	6321 cd

Conditions:
Number of c-planes: 8
Candela at center: 7023 cd



iso-illuminance Diagram

3%	2.11 lx
5%	3.51 lx
10%	7.02 lx
30%	21.1 lx
50%	35.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 70.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Report Summary

Output

Total Lumens: 1386 lm
Peak Intensity: 4771 cd
Illuminance @ 5m: 177 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 31.7°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 55.9°
Horizontal Cutoff Angle (3%): 77.8°
Vertical Cutoff Angle (3%): 78.1°



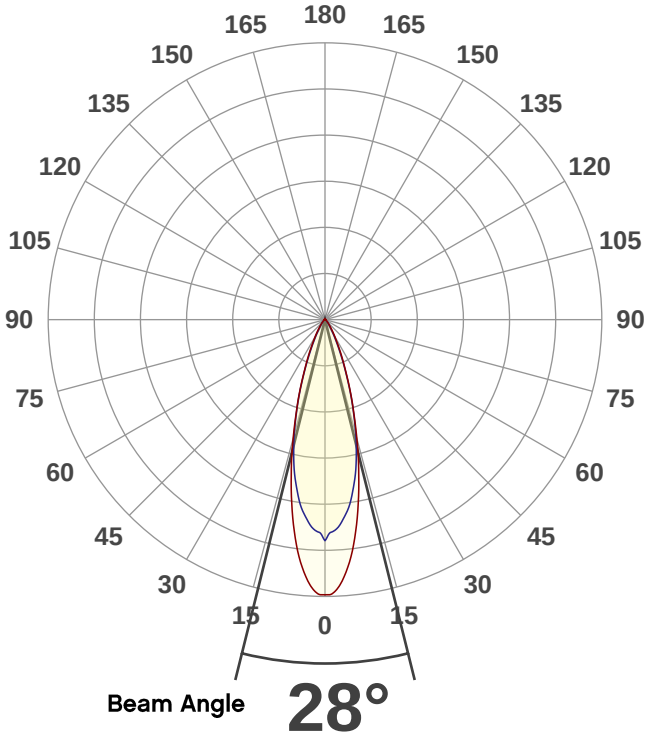
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

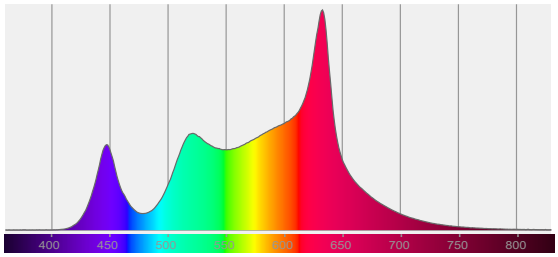
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Overall Measurement

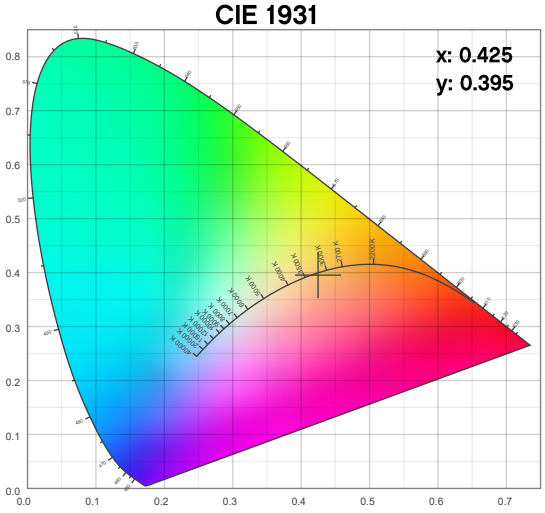
Angular Beam Distribution



Spectral Distribution



CIE 1931

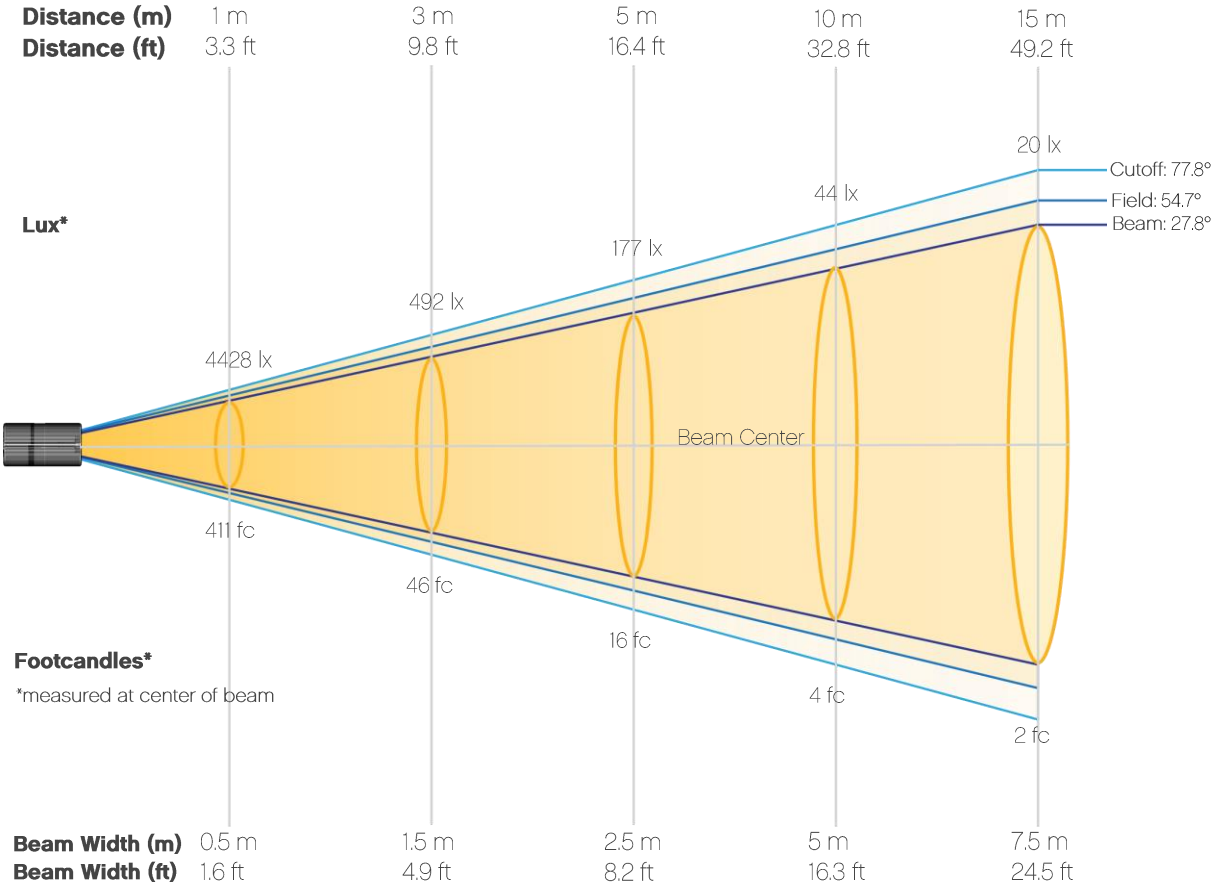


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

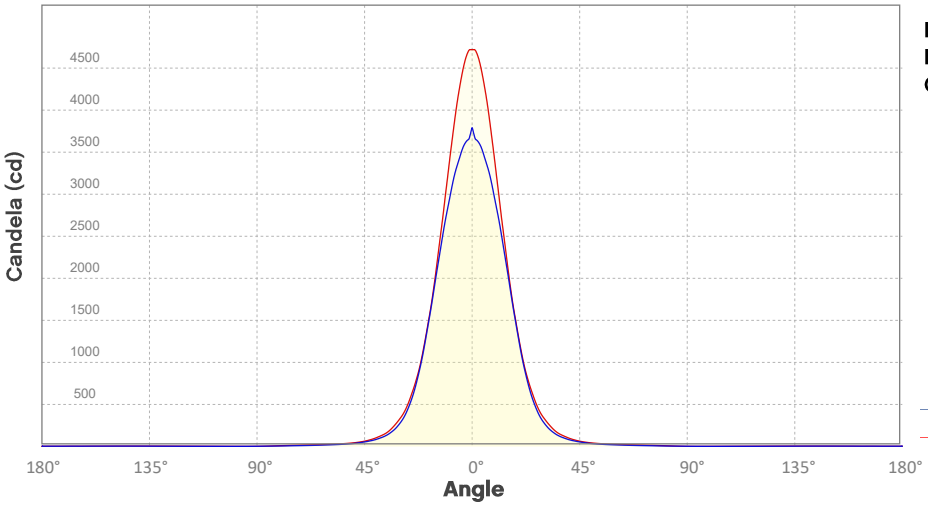
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4428	1107	492	277	177	123	90	69	55	44
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	37	31	26	23	20	17	15	14	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	411	103	46	26	16	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

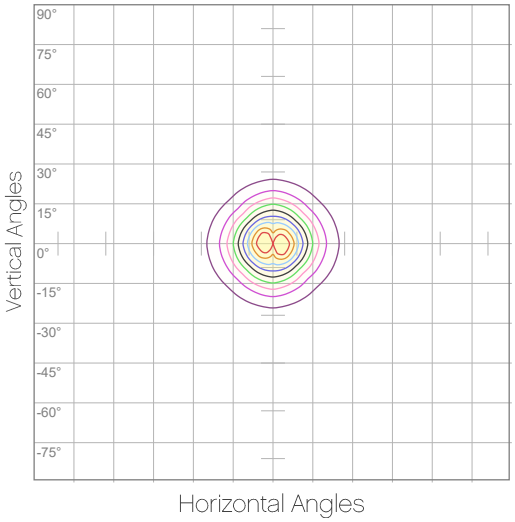
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.8°

Horizontal Distribution
Vertical Distribution

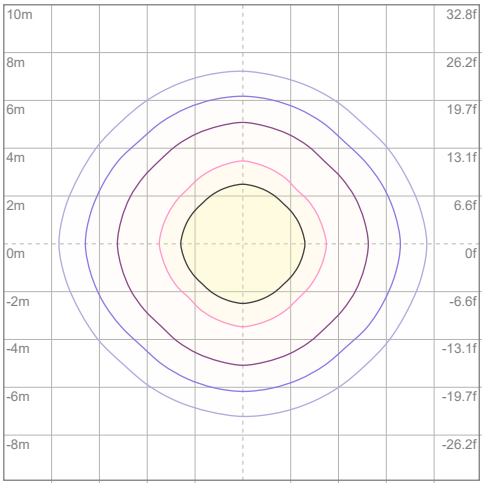
Polar Diagrams



iso-candela Diagram

10%	443 cd
20%	886 cd
30%	1328 cd
40%	1771 cd
50%	2214 cd
60%	2657 cd
70%	3100 cd
80%	3542 cd
90%	3985 cd

Conditions:
Number of c-planes: 8
Candela at center: 4428 cd



iso-illuminance Diagram

3%	1.33 lx
5%	2.21 lx
10%	4.43 lx
30%	13.3 lx
50%	22.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 44.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Report Summary

Output

Total Lumens: 899 lm
Peak Intensity: 3107 cd
Illuminance @ 5m: 115 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 31.9°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 56.1°
Horizontal Cutoff Angle (3%): 77.8°
Vertical Cutoff Angle (3%): 78.3°



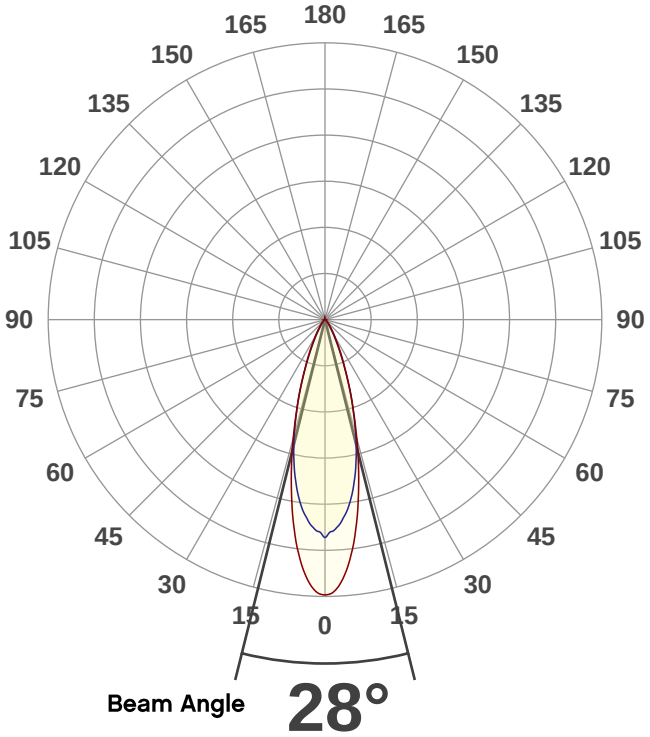
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

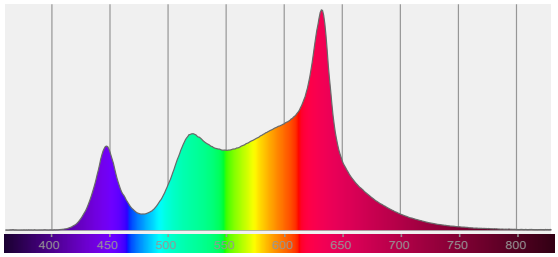
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 2/2/2021 to LM-63-2002 Standards.

Overall Measurement

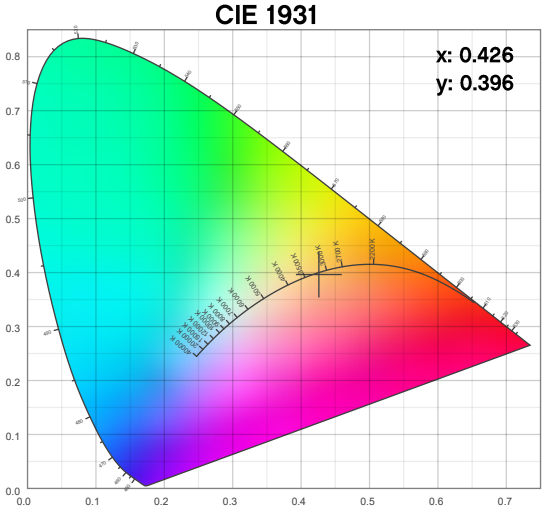
Angular Beam Distribution



Spectral Distribution



CIE 1931

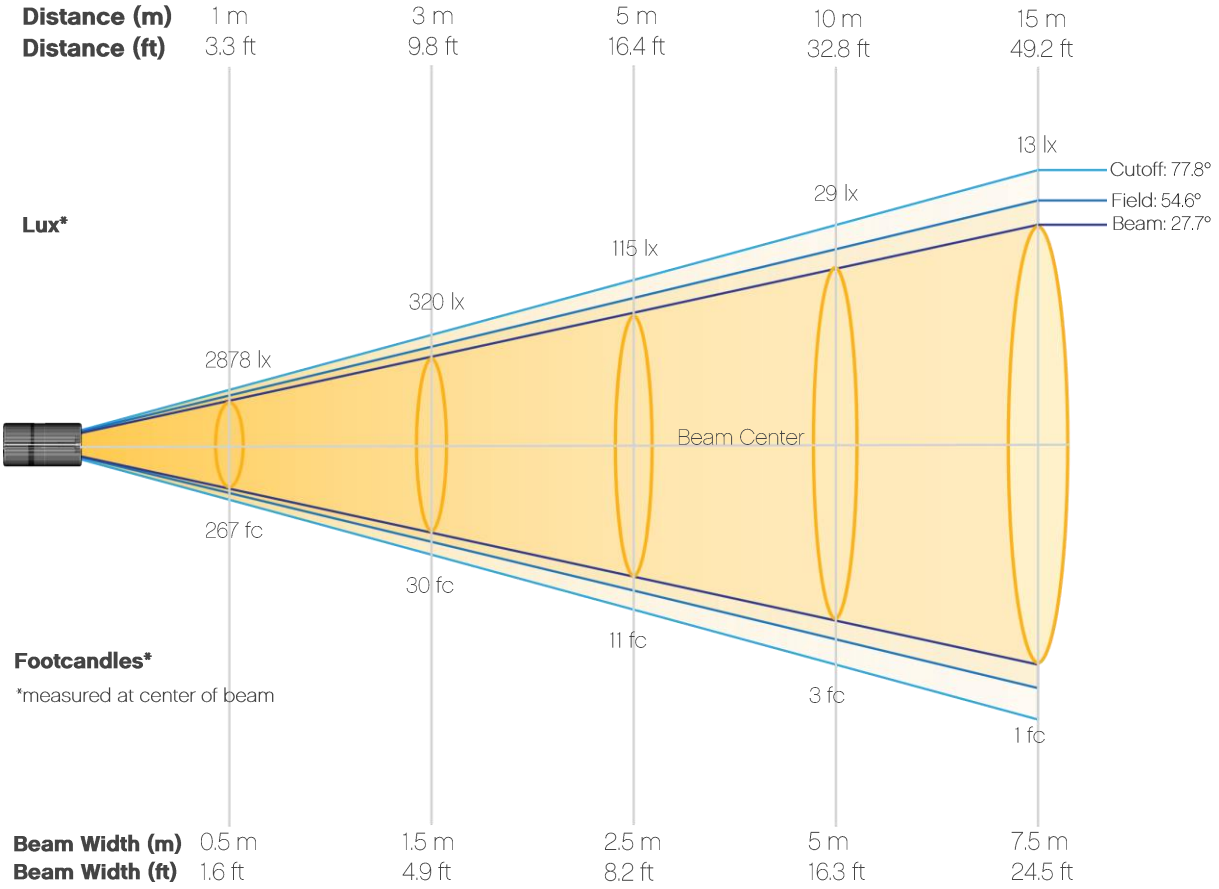


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

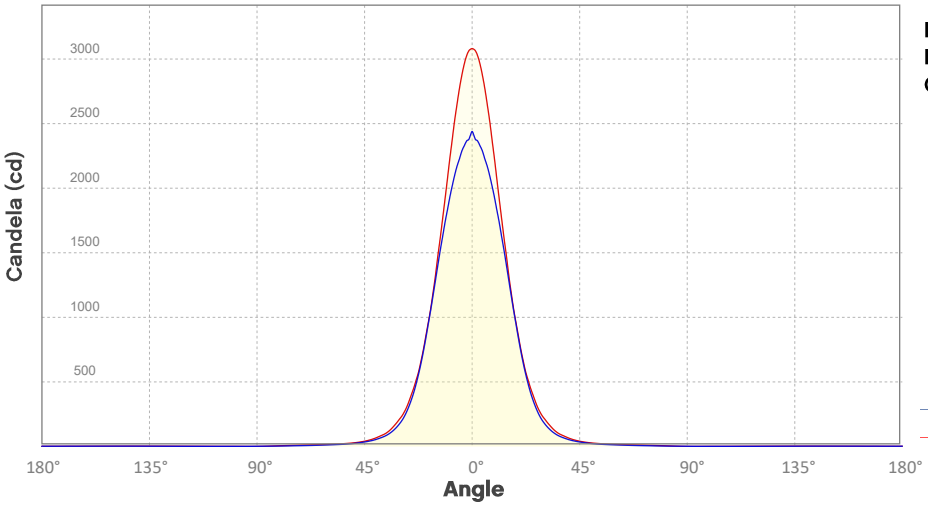
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2878	720	320	180	115	80	59	45	36	29
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	24	20	17	15	13	11	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	267	67	30	17	11	7	5	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 3200K

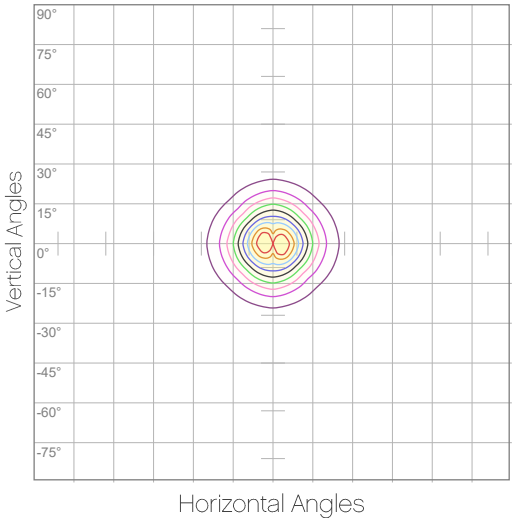
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

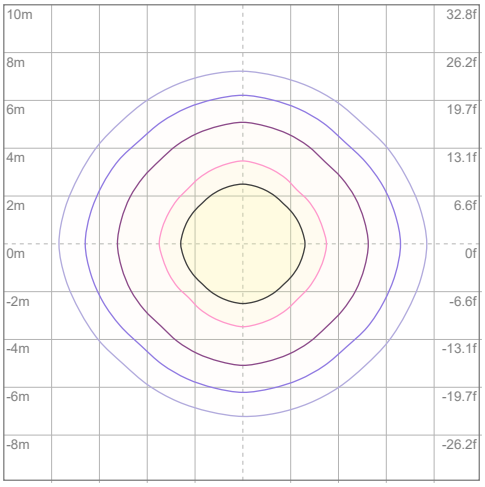
Polar Diagrams



iso-candela Diagram

10%	288 cd
20%	576 cd
30%	864 cd
40%	1151 cd
50%	1439 cd
60%	1727 cd
70%	2015 cd
80%	2303 cd
90%	2591 cd

Conditions:
Number of c-planes: 8
Candela at center: 2878 cd



iso-illuminance Diagram

3%	0.864 lx
5%	1.44 lx
10%	2.88 lx
30%	8.64 lx
50%	14.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 28.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Report Summary

Output

Total Lumens: - lm
Peak Intensity: 16570 cd
Illuminance @ 5m: 0 lux
Fixture Efficacy: 0 lm/W

Optical

Horizontal Beam Angle (50%): 0°
Vertical Beam Angle (50%): 0°
Horizontal Field Angle (10%): 0°
Vertical Field Angle (10%): 0°
Horizontal Cutoff Angle (3%): 0°
Vertical Cutoff Angle (3%): 0°



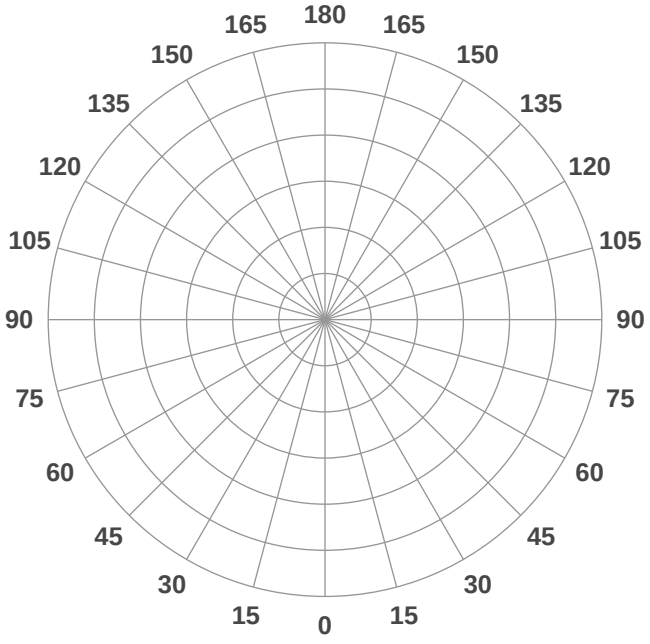
Conditions

AC Supply: 119 V, 60 Hz
Power: 264.45 W
Current: 2.22 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 2/11/2021 to LM-63-2002 Standards.

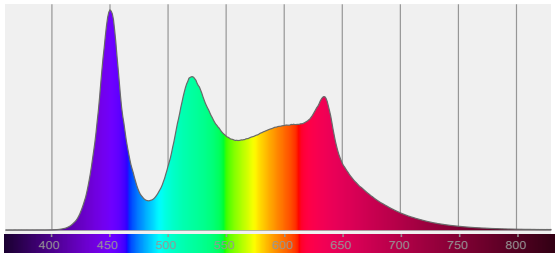
Overall Measurement

Angular Beam Distribution

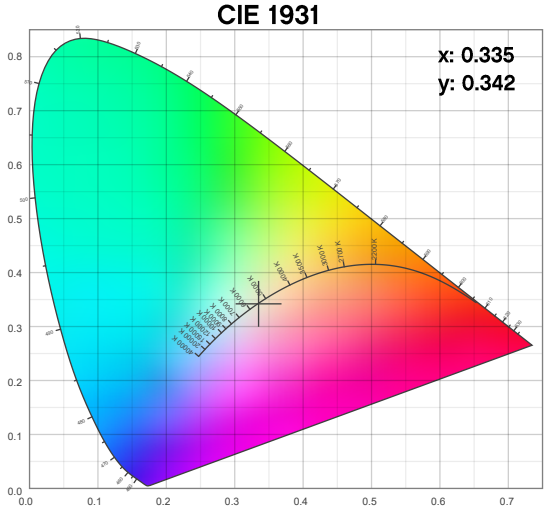


Beam Angle

Spectral Distribution



CIE 1931

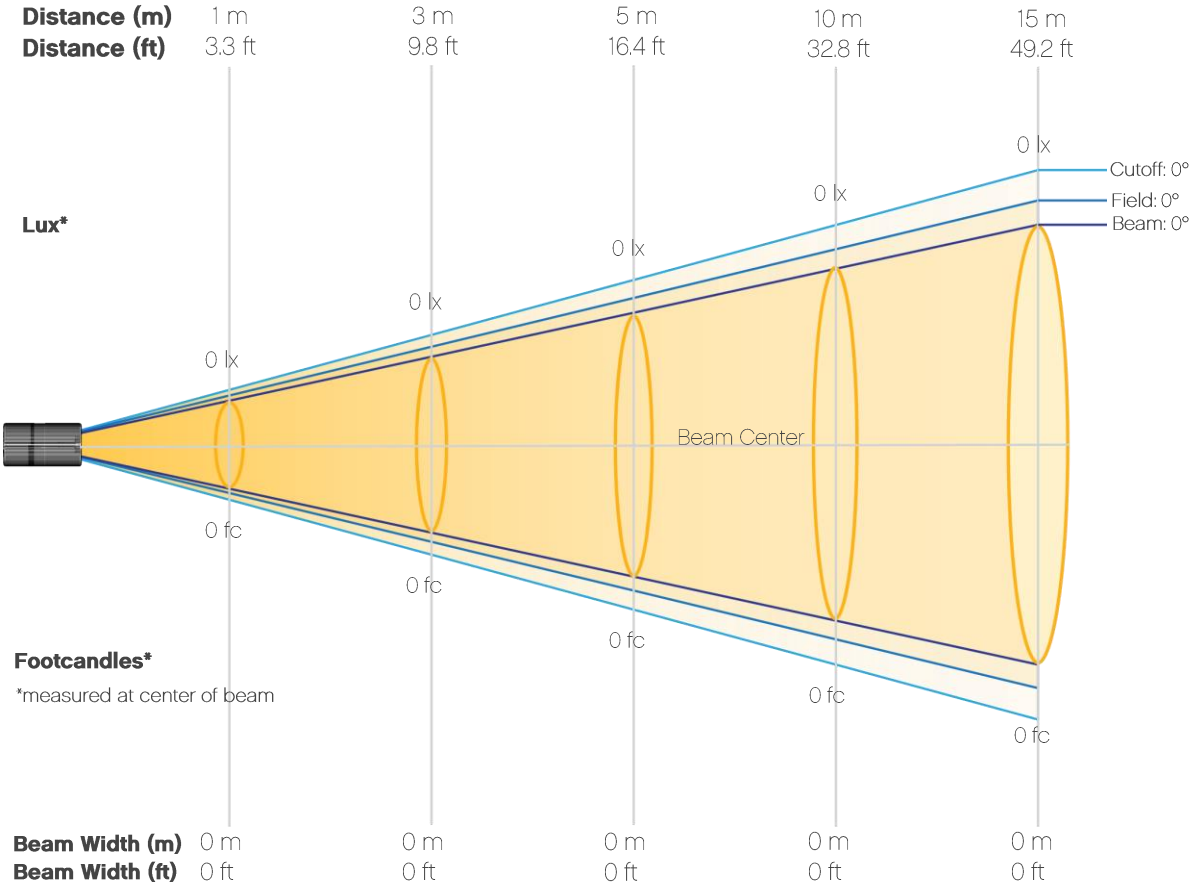


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

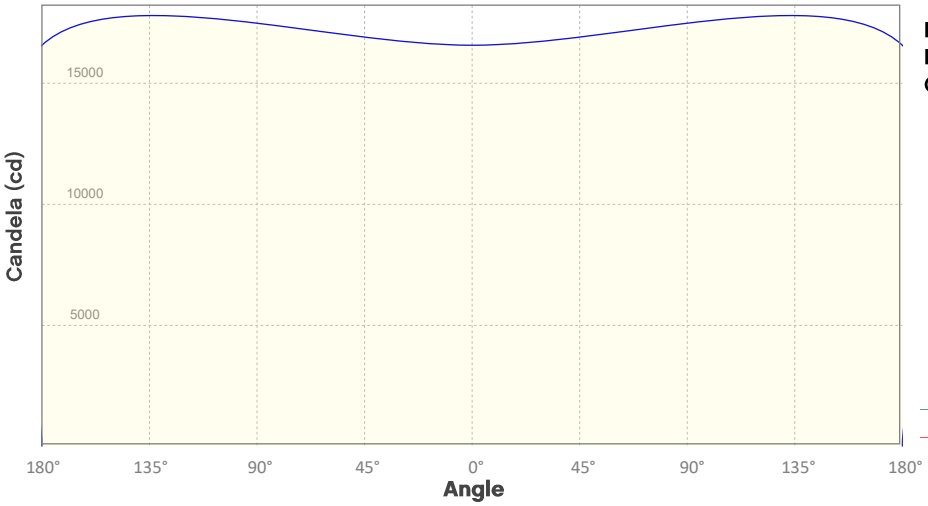
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	0	0	0	0	0	0	0	0	0	0
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	0	0	0	0	0	0	0	0	0	0
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	0	0	0	0	0	0	0	0	0	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

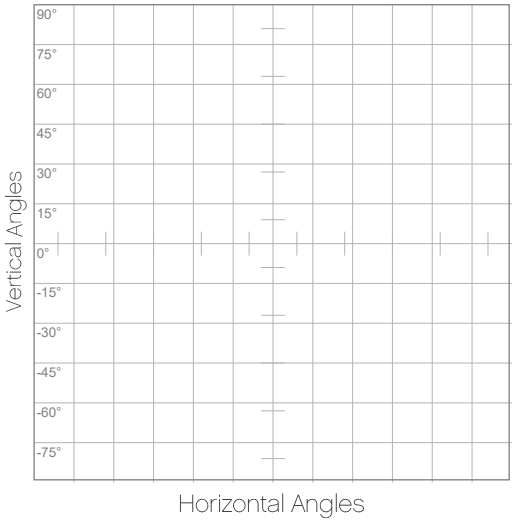
Candela Plot



Beam Angle (50%): 0°
Field Angle (10%): 0°
Cutoff Angle (3%): 0°

Horizontal Distribution
Vertical Distribution

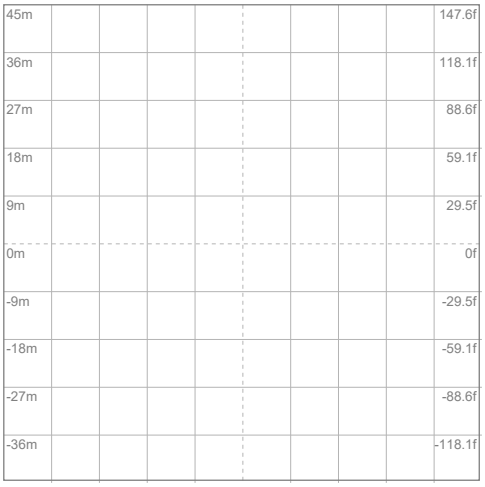
Polar Diagrams



iso-candela Diagram

10%	0 cd
20%	0 cd
30%	0 cd
40%	0 cd
50%	0 cd
60%	0 cd
70%	0 cd
80%	0 cd
90%	0 cd

Conditions:
Number of c-planes: 2
Candela at center: 0 cd



iso-illuminance Diagram

3%	0u lx
5%	0u lx
10%	0u lx
30%	0u lx
50%	0u lx

Conditions:
Number of c-planes: 2
Lux at center: 0u lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Report Summary

Output

Total Lumens: 4520 lm
Peak Intensity: 15563 cd
Illuminance @ 5m: 577 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 31.7°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 56°
Horizontal Cutoff Angle (3%): 78°
Vertical Cutoff Angle (3%): 78.3°



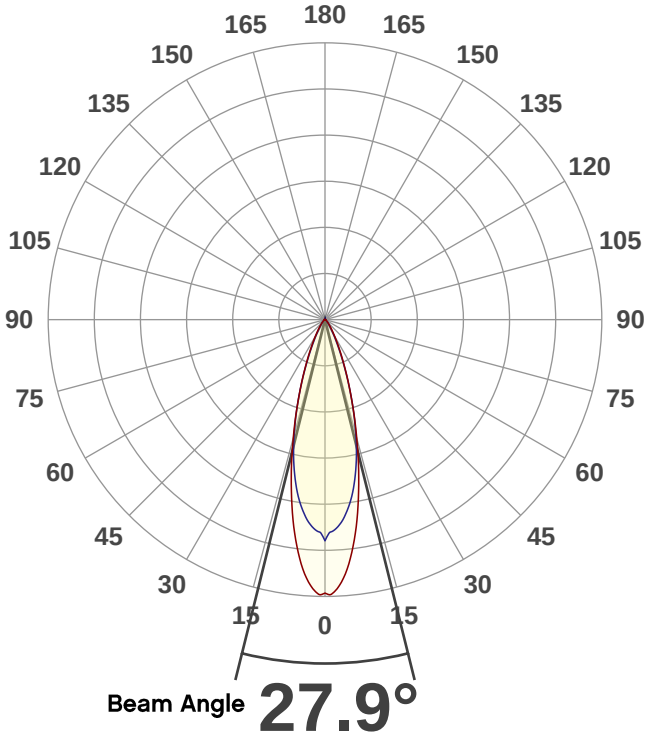
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

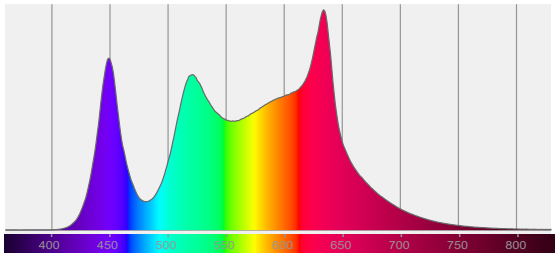
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Overall Measurement

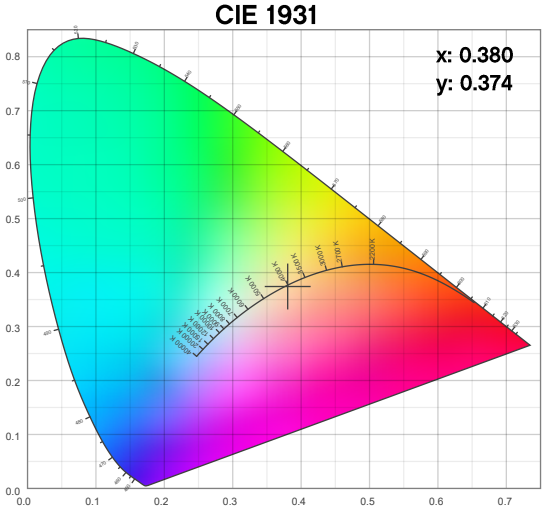
Angular Beam Distribution



Spectral Distribution



CIE 1931

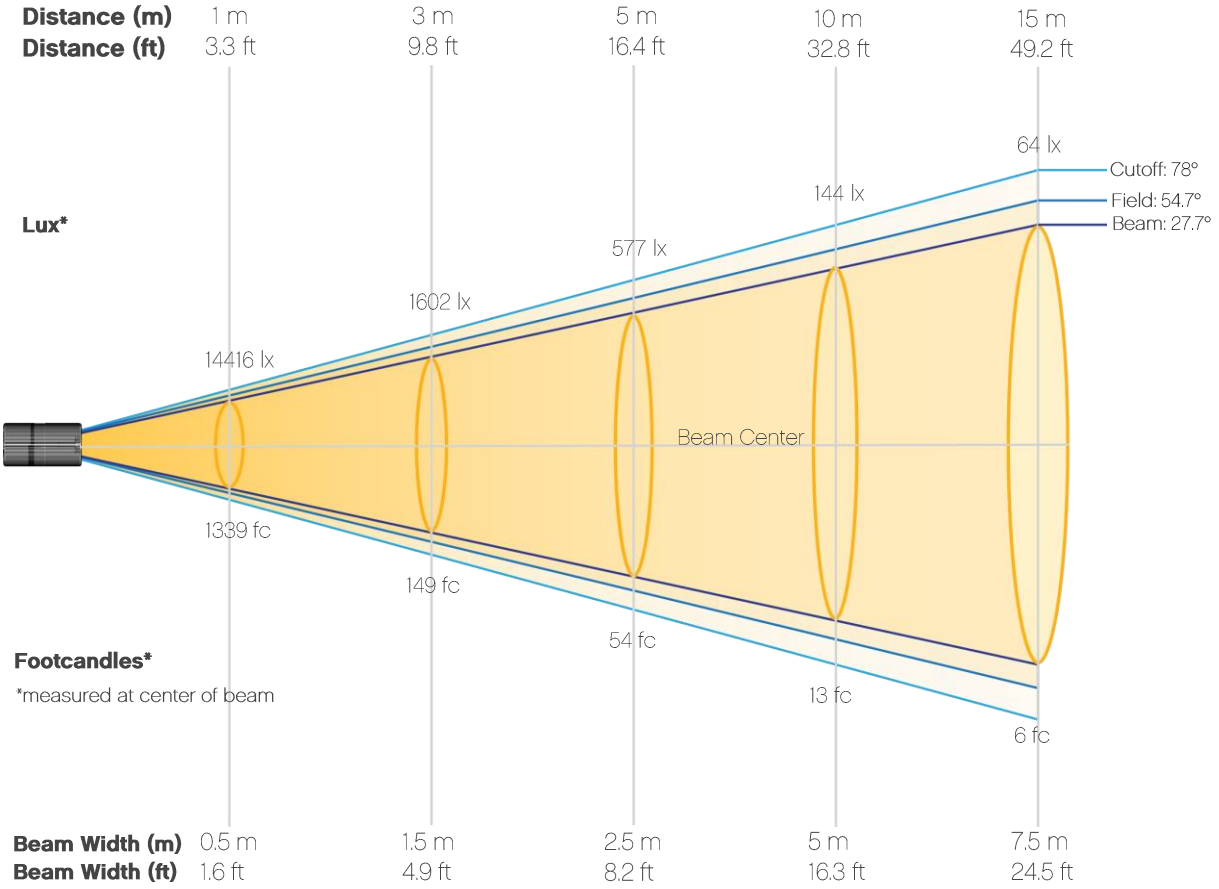


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

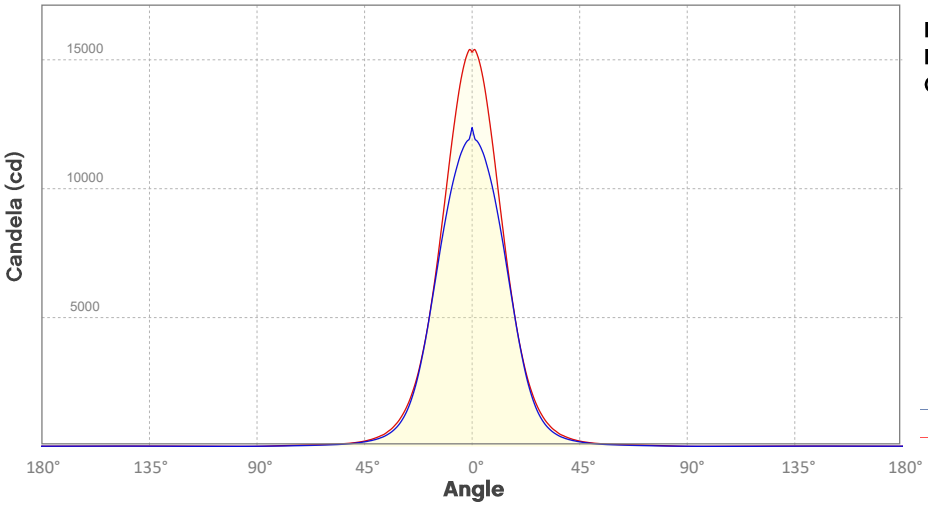
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14416	3604	1602	901	577	400	294	225	178	144
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	119	100	85	74	64	56	50	44	40	36
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1339	335	149	84	54	37	27	21	17	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	5	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

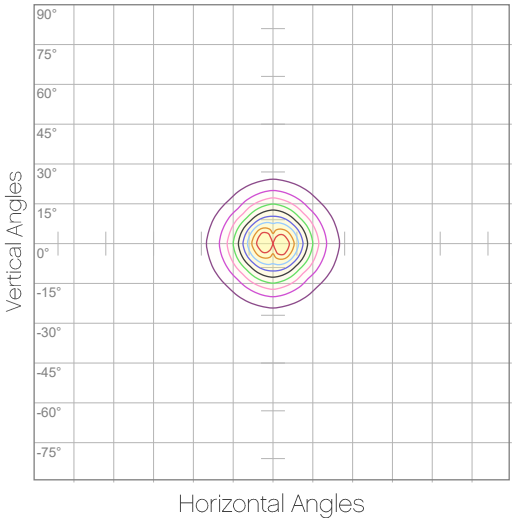
Candela Plot



Beam Angle (50%): 27.9°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 76°

Horizontal Distribution
Vertical Distribution

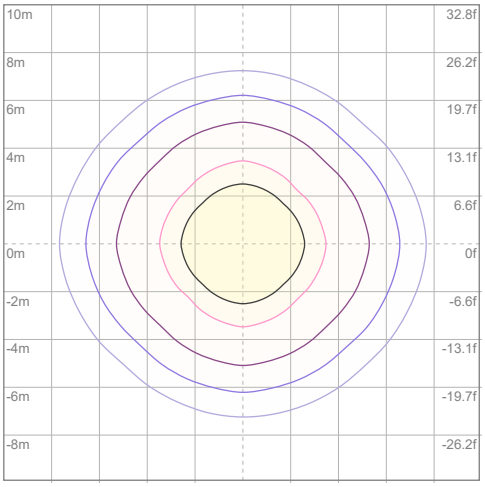
Polar Diagrams



iso-candela Diagram

10%	1442 cd
20%	2883 cd
30%	4325 cd
40%	5766 cd
50%	7208 cd
60%	8650 cd
70%	10091 cd
80%	11533 cd
90%	12975 cd

Conditions:
Number of c-planes: 8
Candela at center: 14416 cd



iso-illuminance Diagram

3%	4.32 lx
5%	7.21 lx
10%	14.4 lx
30%	43.2 lx
50%	72.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 144 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Report Summary

Output

Total Lumens: 2315 lm
Peak Intensity: 7953 cd
Illuminance @ 5m: 296 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.9°
Vertical Beam Angle (50%): 31.6°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 55.9°
Horizontal Cutoff Angle (3%): 77.9°
Vertical Cutoff Angle (3%): 78°



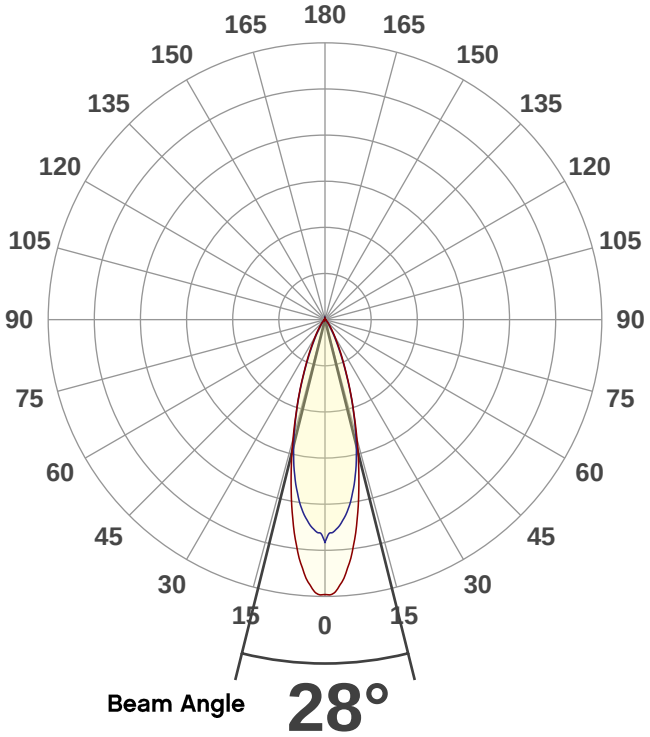
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

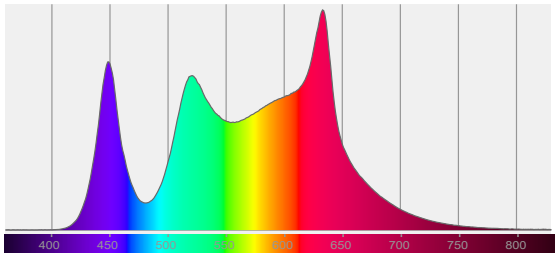
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Overall Measurement

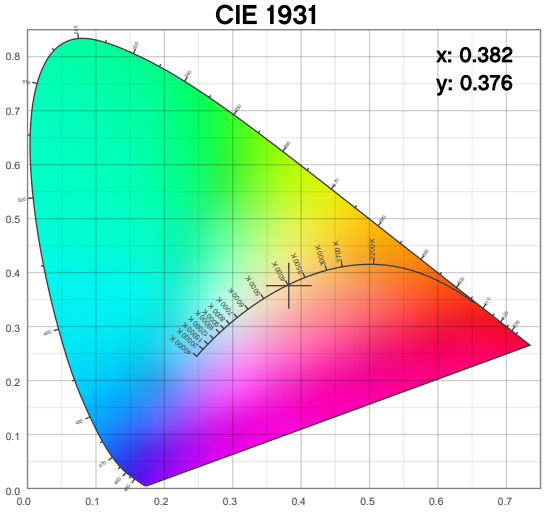
Angular Beam Distribution



Spectral Distribution



CIE 1931

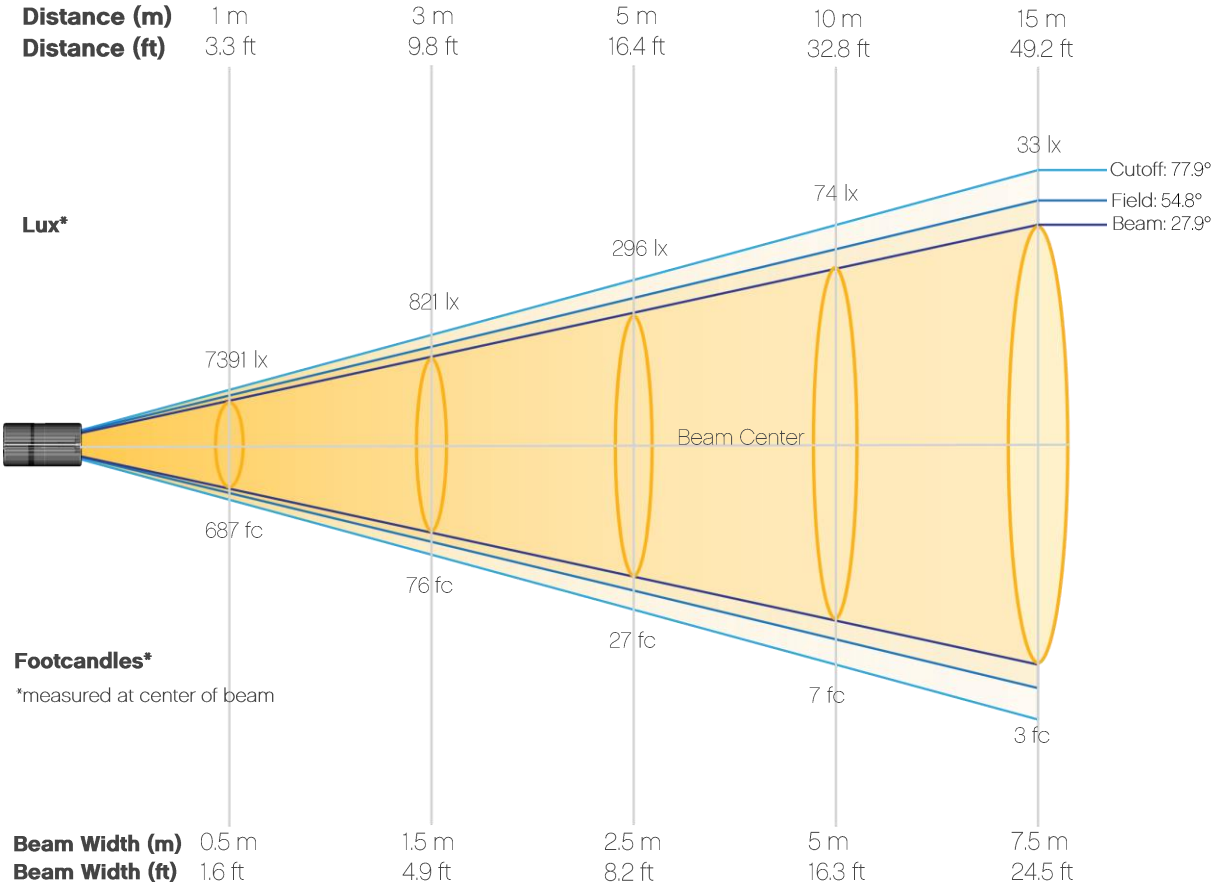


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

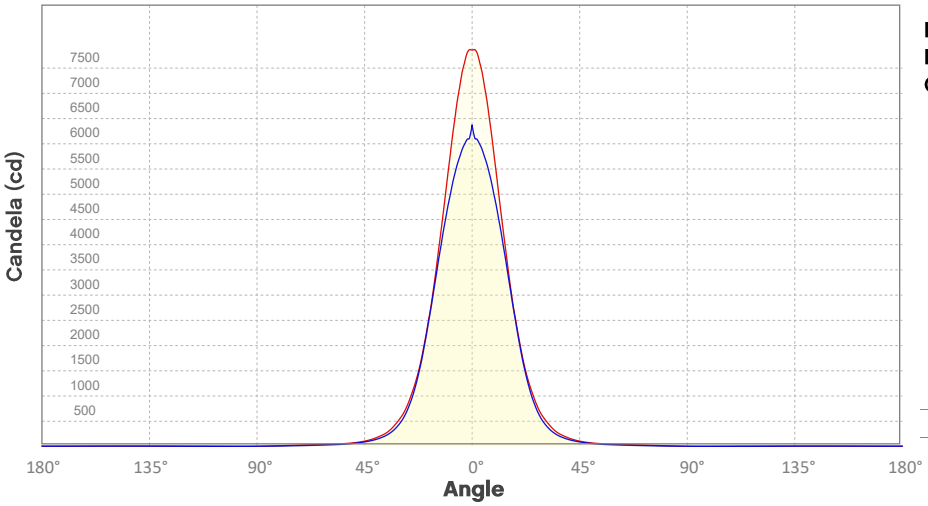
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7391	1848	821	462	296	205	151	115	91	74
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	61	51	44	38	33	29	26	23	20	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	687	172	76	43	27	19	14	11	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

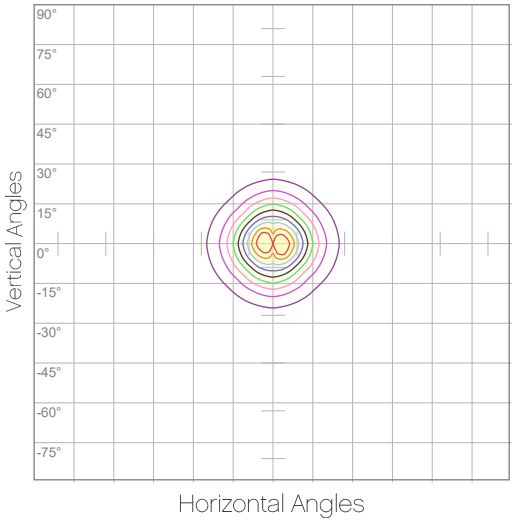
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

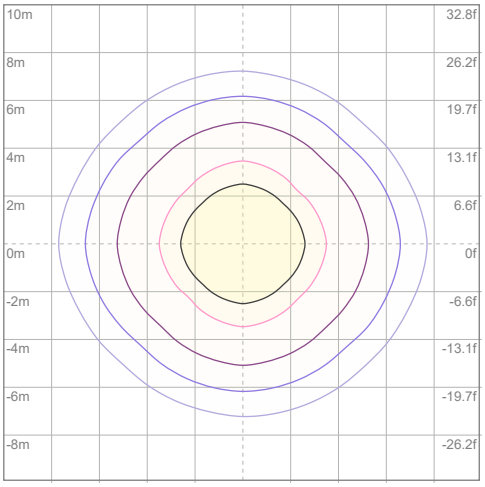
Polar Diagrams



iso-candela Diagram

10%	739 cd
20%	1478 cd
30%	2217 cd
40%	2956 cd
50%	3695 cd
60%	4434 cd
70%	5173 cd
80%	5913 cd
90%	6652 cd

Conditions:
Number of c-planes: 8
Candela at center: 7391 cd



iso-illuminance Diagram

3%	2.22 lx
5%	3.70 lx
10%	7.39 lx
30%	22.2 lx
50%	37.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 73.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Report Summary

Output

Total Lumens: 1453 lm
Peak Intensity: 5006 cd
Illuminance @ 5m: 185 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.6°
Vertical Beam Angle (50%): 32.5°
Horizontal Field Angle (10%): 54.6°
Vertical Field Angle (10%): 56.5°
Horizontal Cutoff Angle (3%): 77.7°
Vertical Cutoff Angle (3%): 78.8°



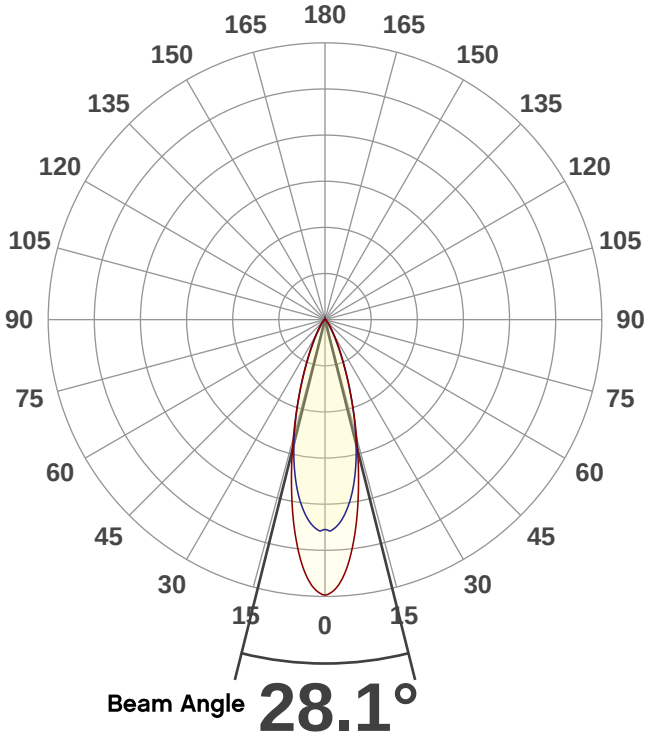
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

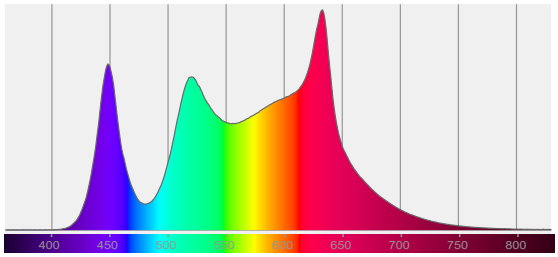
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Overall Measurement

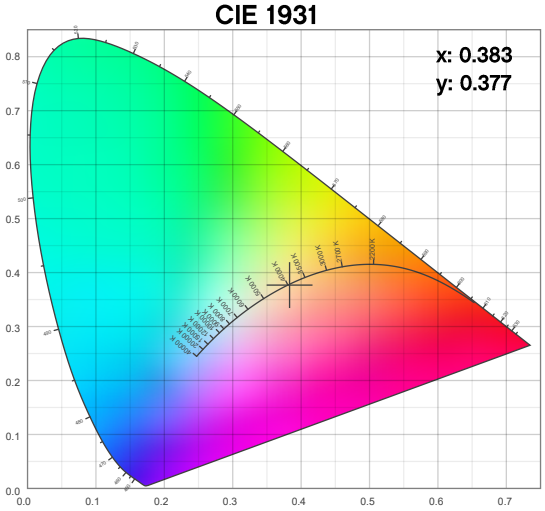
Angular Beam Distribution



Spectral Distribution



CIE 1931

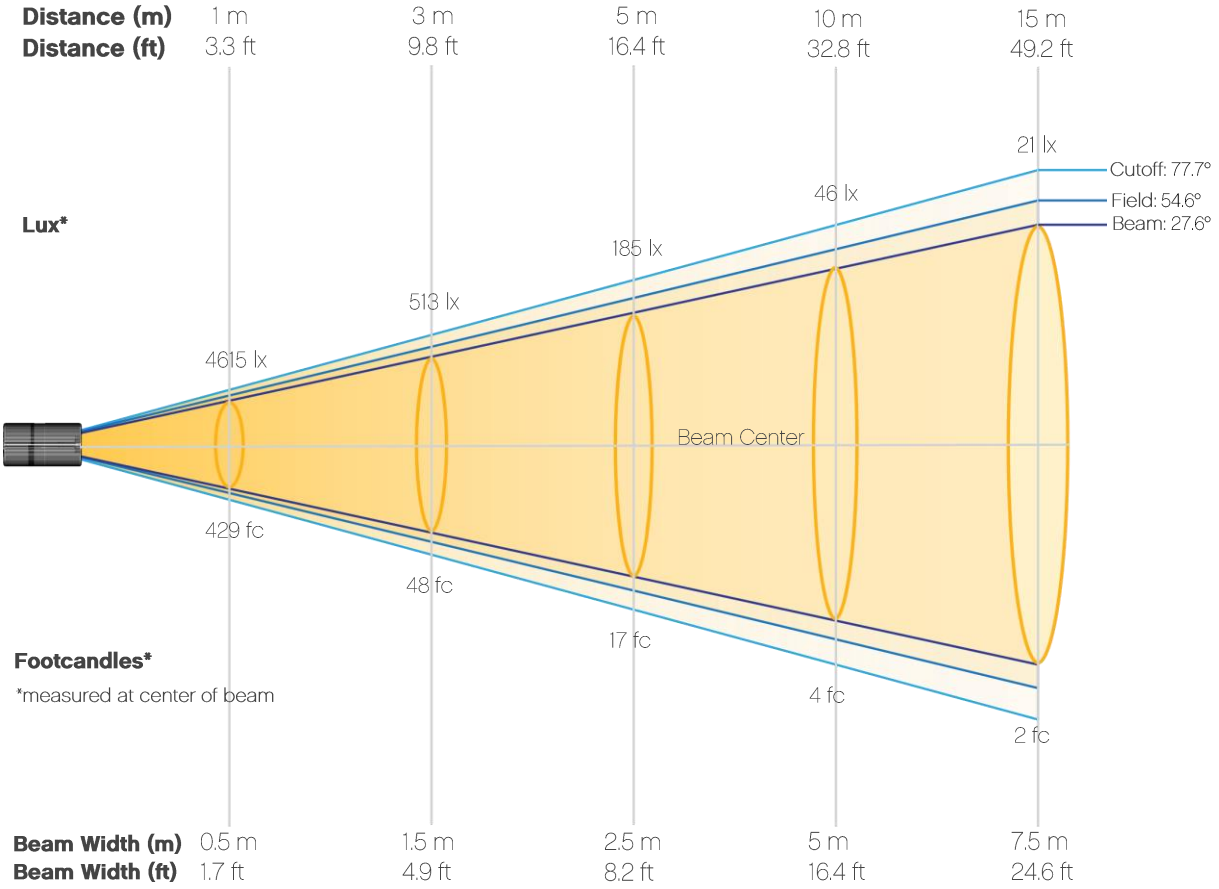


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

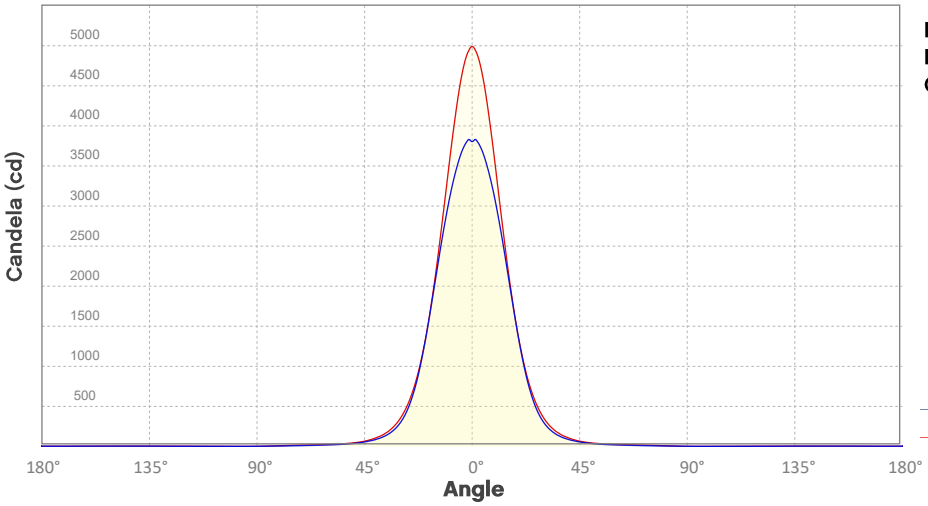
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4615	1154	513	288	185	128	94	72	57	46
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	38	32	27	24	21	18	16	14	13	12
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	429	107	48	27	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

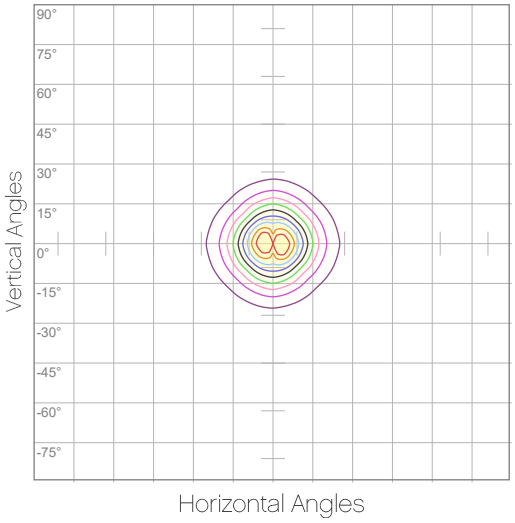
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 76°

Horizontal Distribution
Vertical Distribution

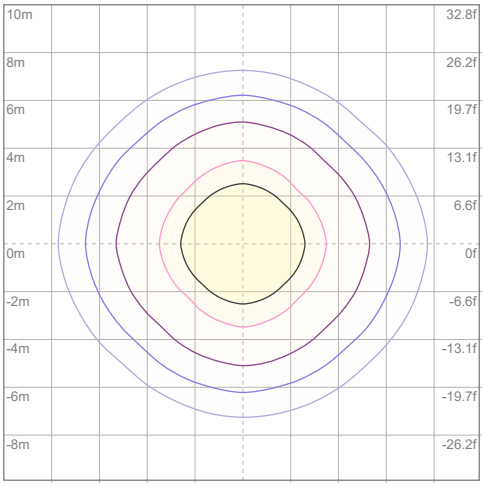
Polar Diagrams



iso-candela Diagram

10%	461 cd
20%	923 cd
30%	1384 cd
40%	1846 cd
50%	2307 cd
60%	2769 cd
70%	3230 cd
80%	3692 cd
90%	4153 cd

Conditions:
Number of c-planes: 8
Candela at center: 4615 cd



iso-illuminance Diagram

3%	1.38 lx
5%	2.31 lx
10%	4.61 lx
30%	13.8 lx
50%	23.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 46.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Report Summary

Output

Total Lumens: 947 lm
Peak Intensity: 3254 cd
Illuminance @ 5m: 121 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.9°
Vertical Beam Angle (50%): 31.7°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56.1°
Horizontal Cutoff Angle (3%): 78°
Vertical Cutoff Angle (3%): 78.2°



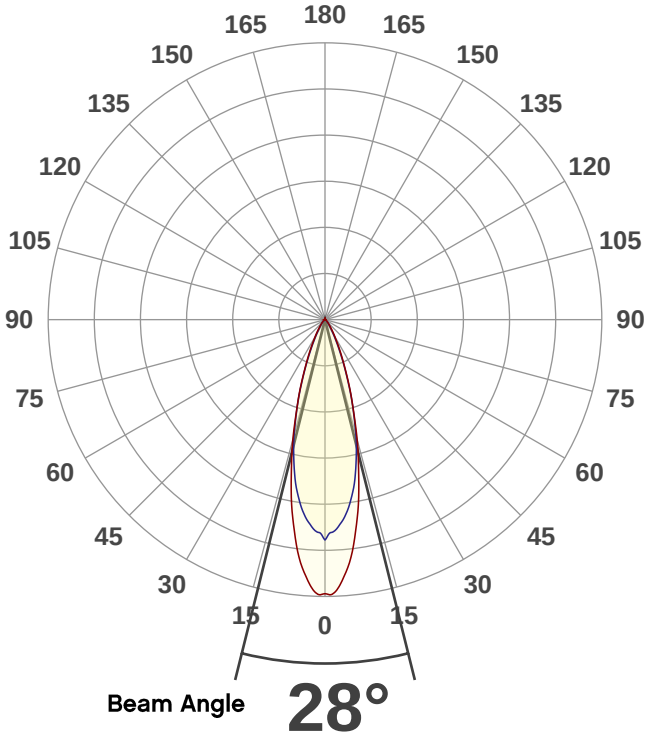
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

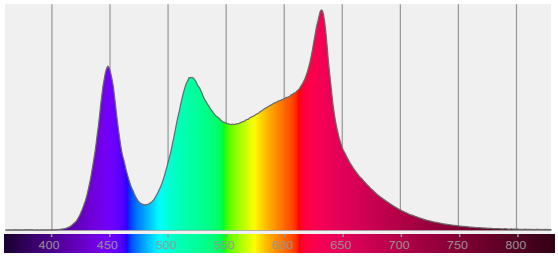
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Overall Measurement

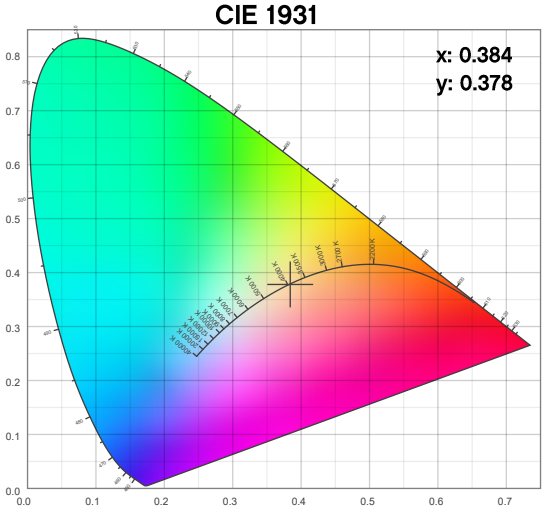
Angular Beam Distribution



Spectral Distribution



CIE 1931

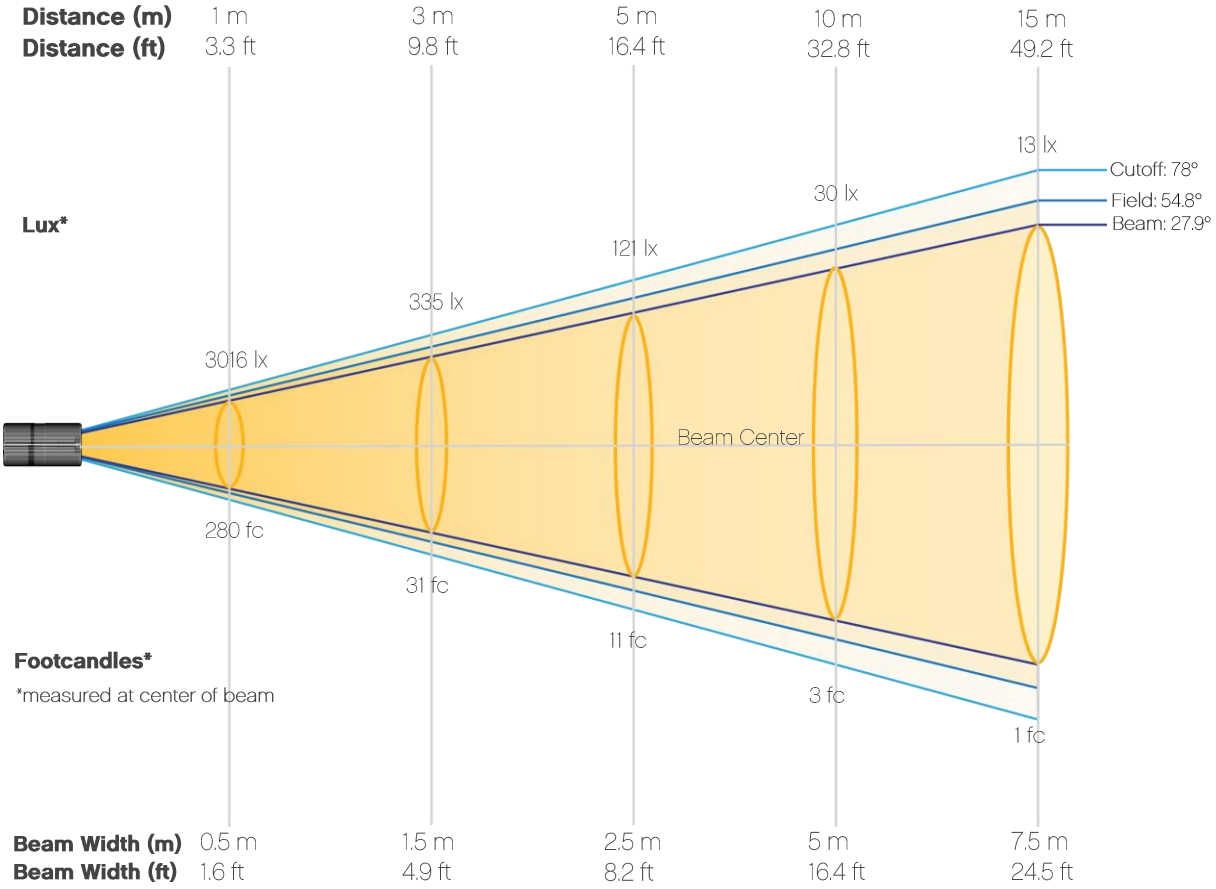


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

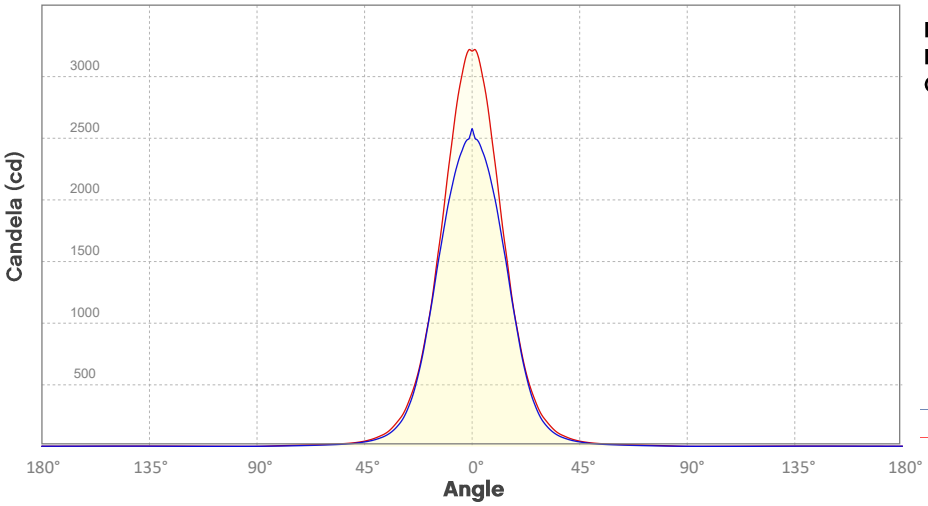
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3016	754	335	189	121	84	62	47	37	30
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	25	21	18	15	13	12	10	9	8	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	280	70	31	18	11	8	6	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 4000K

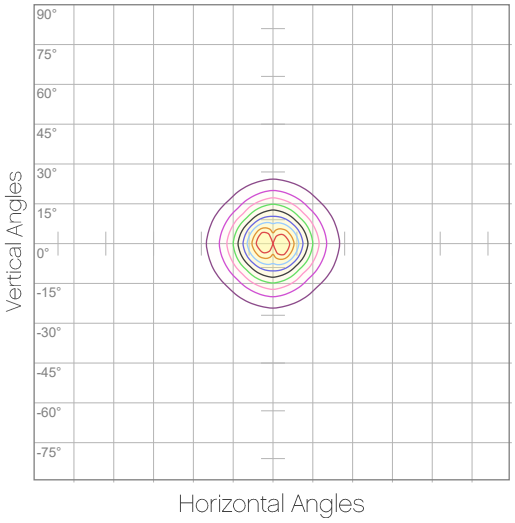
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 76°

Horizontal Distribution
Vertical Distribution

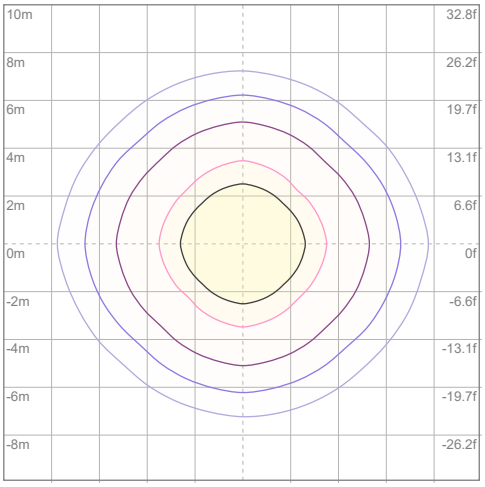
Polar Diagrams



iso-candela Diagram

10%	302 cd
20%	603 cd
30%	905 cd
40%	1206 cd
50%	1508 cd
60%	1810 cd
70%	2111 cd
80%	2413 cd
90%	2714 cd

Conditions:
Number of c-planes: 8
Candela at center: 3016 cd



iso-illuminance Diagram

3%	0.905 lx
5%	1.51 lx
10%	3.02 lx
30%	9.05 lx
50%	15.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 30.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Report Summary

Output

Total Lumens: 4699 lm
Peak Intensity: 16964 cd
Illuminance @ 5m: 624 lux
Fixture Efficacy: 18 lm/W

Optical

Horizontal Beam Angle (50%): 27.7°
Vertical Beam Angle (50%): 28.6°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 53.1°
Horizontal Cutoff Angle (3%): 76.9°
Vertical Cutoff Angle (3%): 74.8°



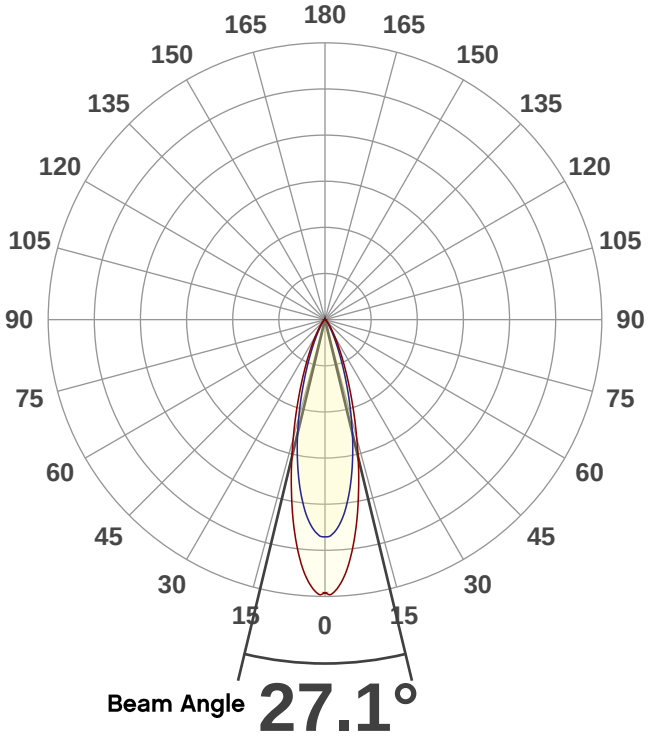
Conditions

AC Supply: 119 V, 60 Hz
Power: 265.67 W
Current: 2.23 A
Power Factor: 1.0

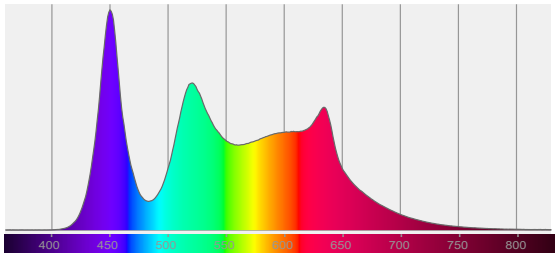
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Overall Measurement

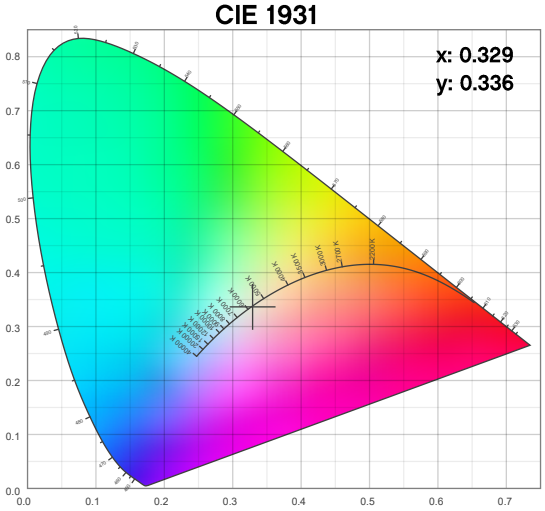
Angular Beam Distribution



Spectral Distribution



CIE 1931

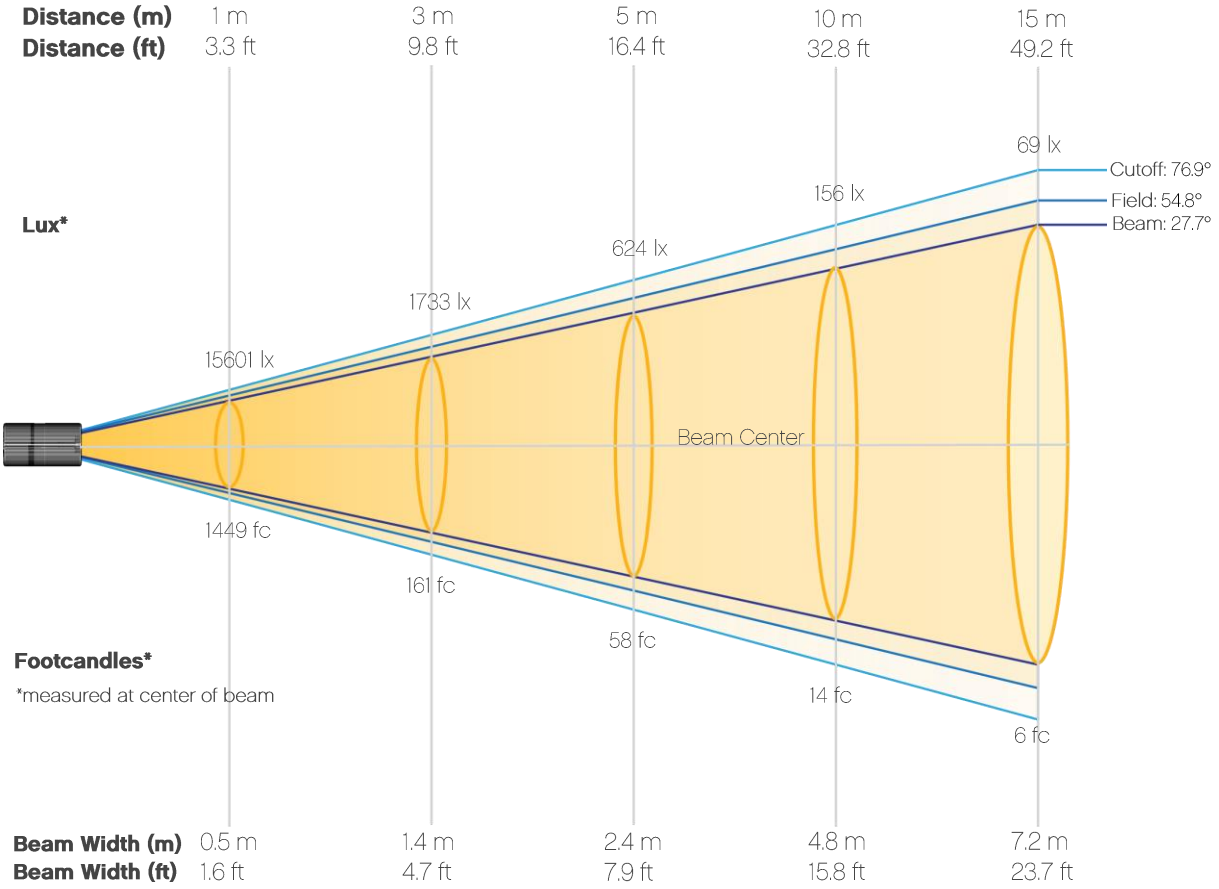


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

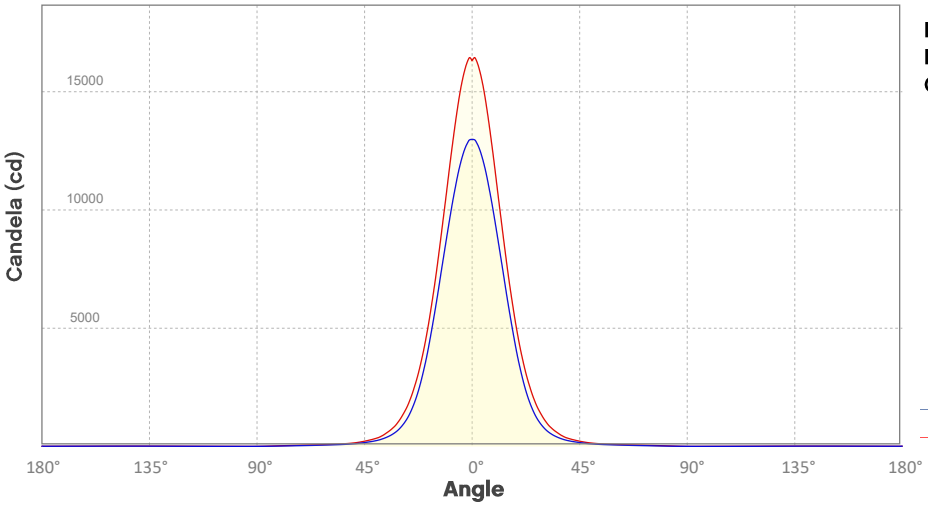
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15601	3900	1733	975	624	433	318	244	193	156
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	129	108	92	80	69	61	54	48	43	39
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1449	362	161	91	58	40	30	23	18	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	7	6	6	5	4	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

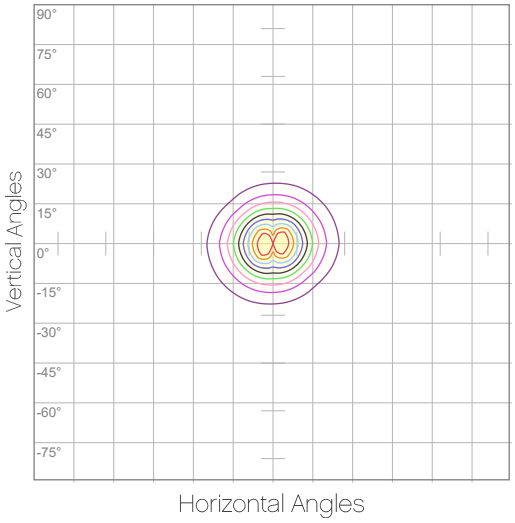
Candela Plot



Beam Angle (50%): 27.1°
Field Angle (10%): 52.4°
Cutoff Angle (3%): 74.4°

Horizontal Distribution
Vertical Distribution

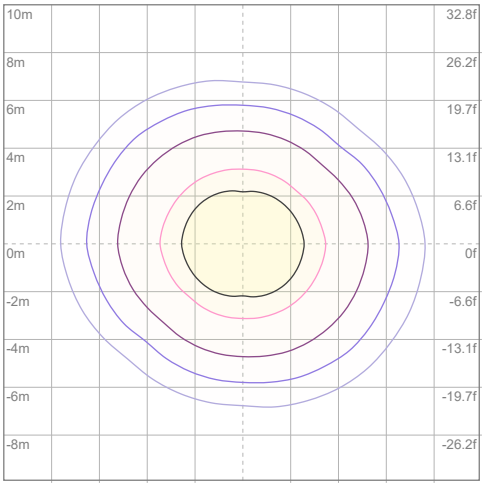
Polar Diagrams



iso-candela Diagram

10%	1560 cd
20%	3120 cd
30%	4680 cd
40%	6240 cd
50%	7800 cd
60%	9360 cd
70%	10921 cd
80%	12481 cd
90%	14041 cd

Conditions:
Number of c-planes: 8
Candela at center: 15601 cd



iso-illuminance Diagram

3%	4.68 lx
5%	7.80 lx
10%	15.6 lx
30%	46.8 lx
50%	78.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 156 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Report Summary

Output

Total Lumens: 4864 lm
Peak Intensity: 16738 cd
Illuminance @ 5m: 621 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.8°
Vertical Beam Angle (50%): 31.6°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 56°
Horizontal Cutoff Angle (3%): 77.9°
Vertical Cutoff Angle (3%): 78°



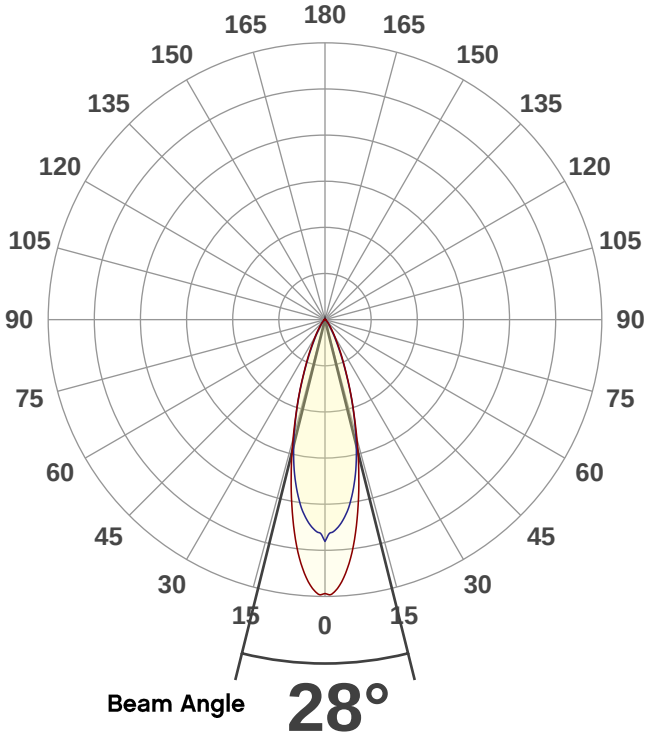
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

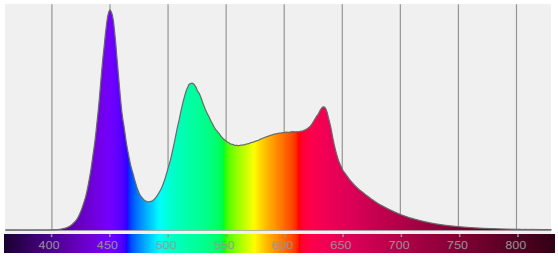
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Overall Measurement

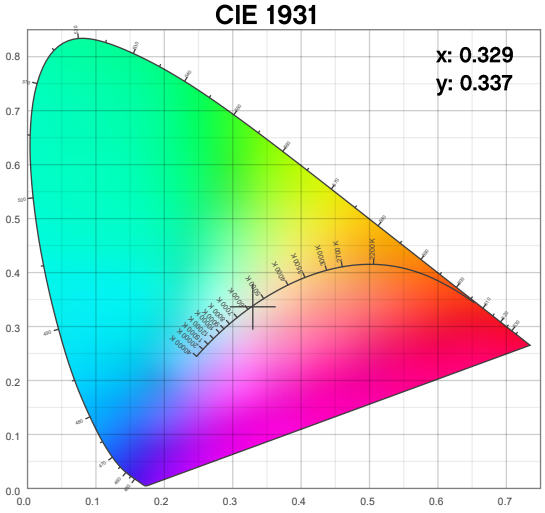
Angular Beam Distribution



Spectral Distribution



CIE 1931

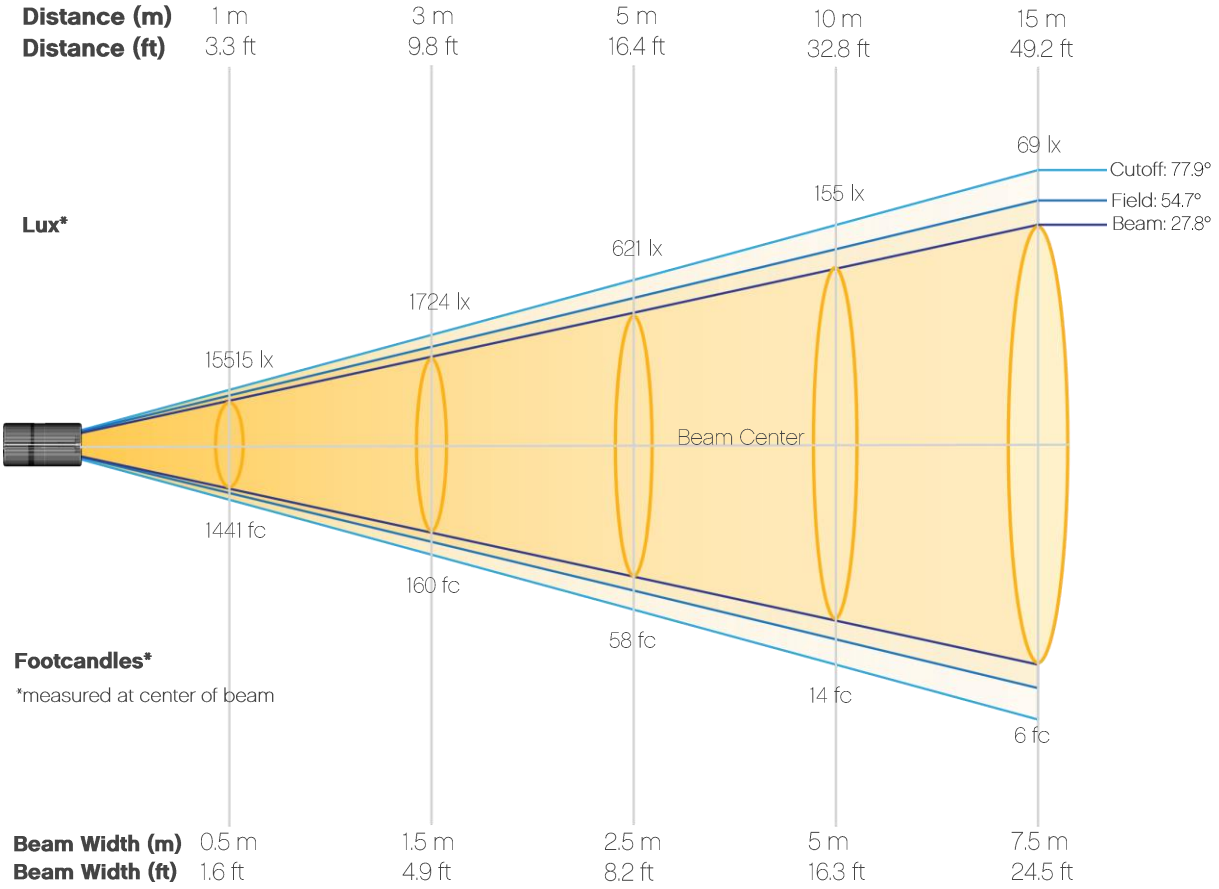


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

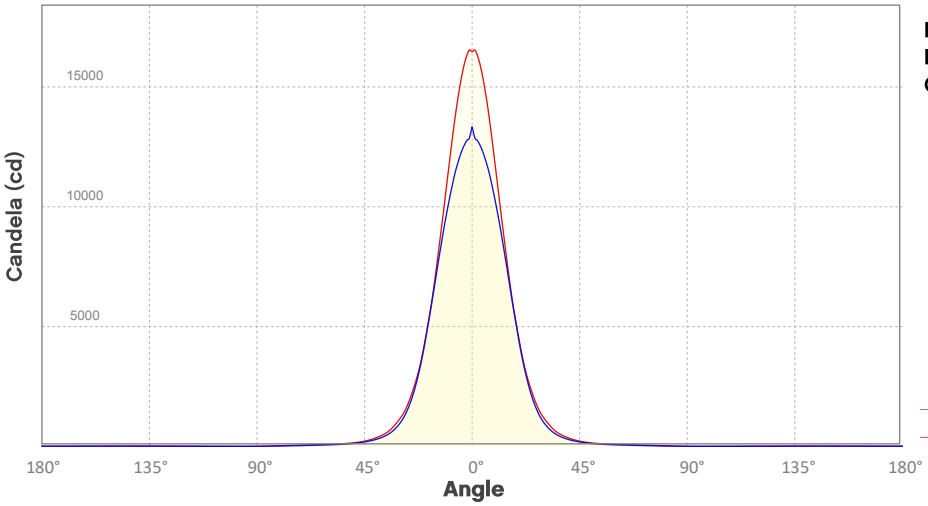
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15515	3879	1724	970	621	431	317	242	192	155
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	128	108	92	79	69	61	54	48	43	39
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1441	360	160	90	58	40	29	23	18	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	7	6	6	5	4	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

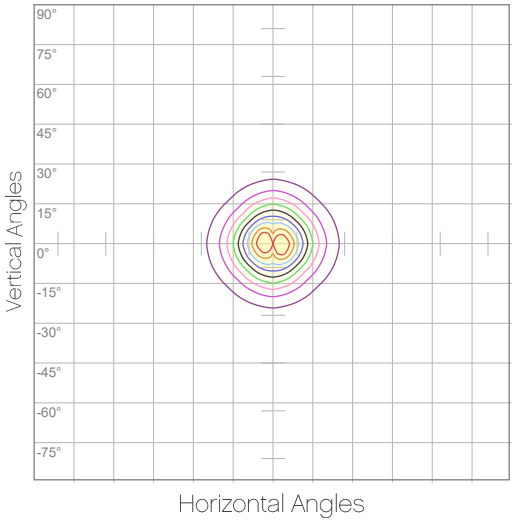
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

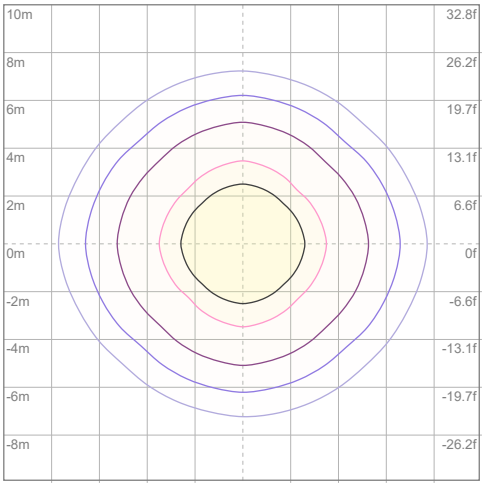
Polar Diagrams



iso-candela Diagram

10%	1551 cd
20%	3103 cd
30%	4654 cd
40%	6206 cd
50%	7757 cd
60%	9309 cd
70%	10860 cd
80%	12412 cd
90%	13963 cd

Conditions:
Number of c-planes: 8
Candela at center: 15515 cd



iso-illuminance Diagram

3%	4.65 lx
5%	7.76 lx
10%	15.5 lx
30%	46.5 lx
50%	77.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 155 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Report Summary

Output

Total Lumens: 2484 lm
Peak Intensity: 8593 cd
Illuminance @ 5m: 317 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.6°
Vertical Beam Angle (50%): 32.3°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 56.4°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 78.5°



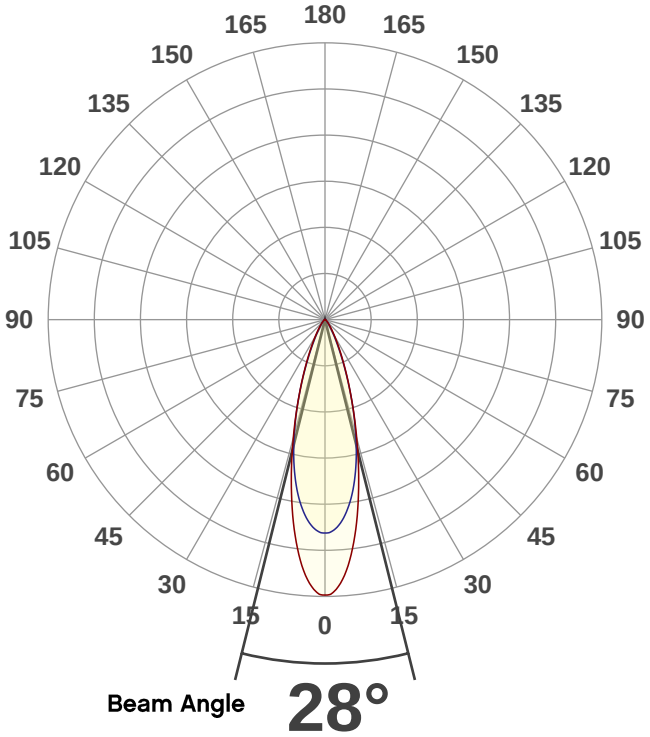
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

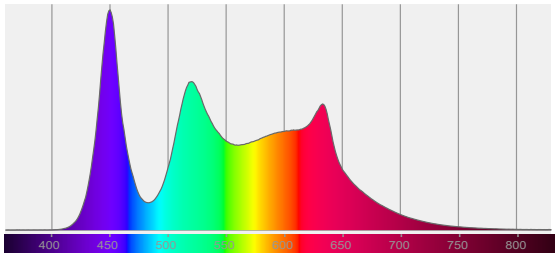
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Overall Measurement

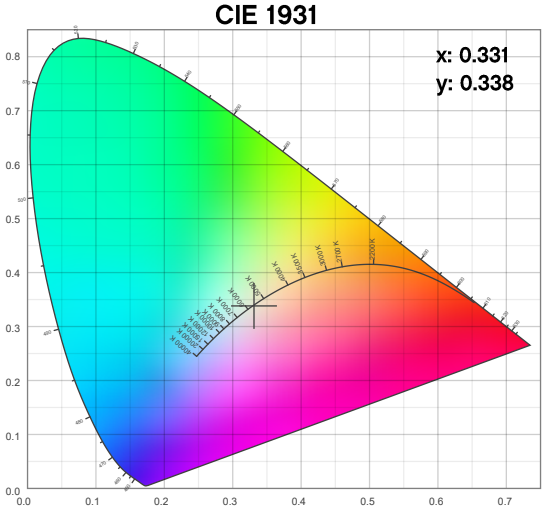
Angular Beam Distribution



Spectral Distribution



CIE 1931

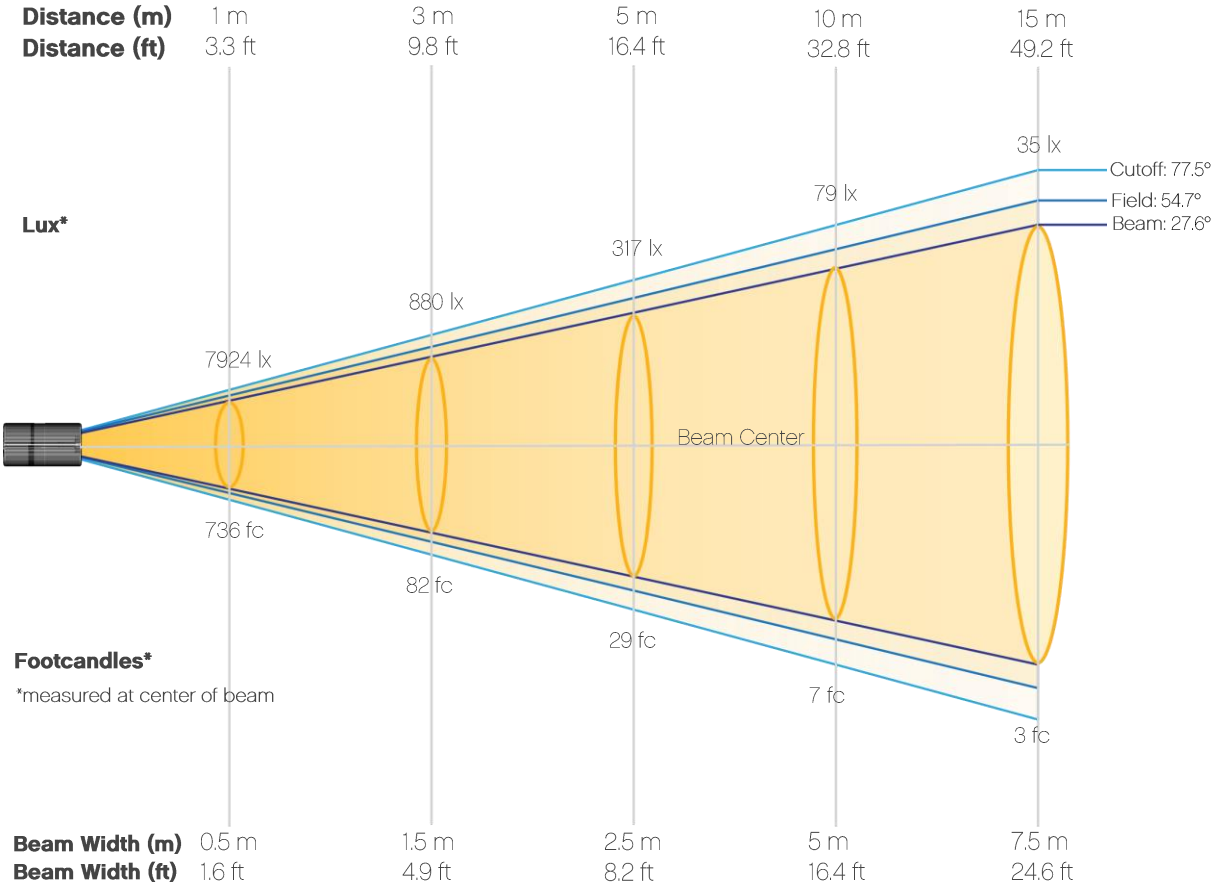


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

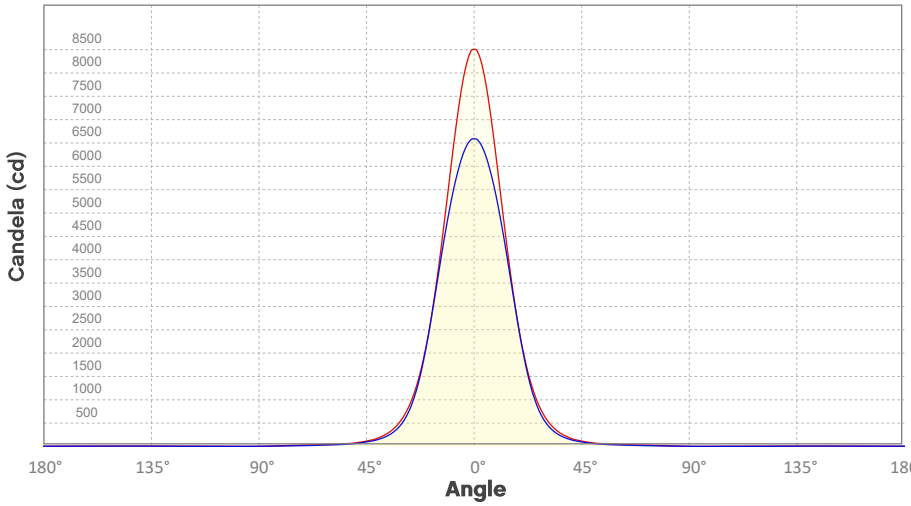
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7924	1981	880	495	317	220	162	124	98	79
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	65	55	47	40	35	31	27	24	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	736	184	82	46	29	20	15	12	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

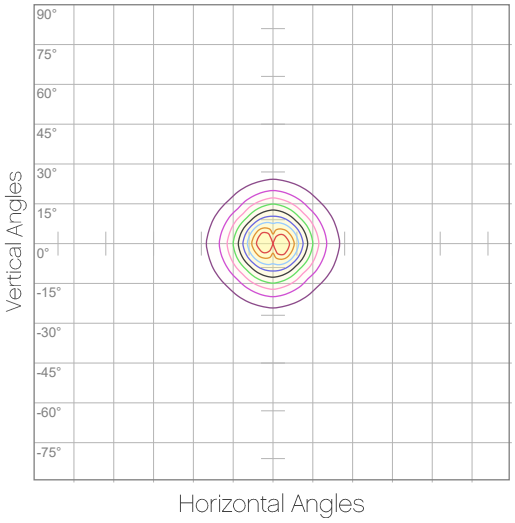
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.6°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

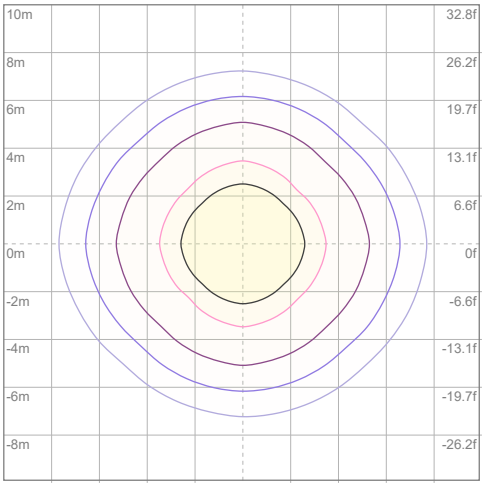
Polar Diagrams



iso-candela Diagram

10%	792 cd
20%	1585 cd
30%	2377 cd
40%	3169 cd
50%	3962 cd
60%	4754 cd
70%	5546 cd
80%	6339 cd
90%	7131 cd

Conditions:
Number of c-planes: 8
Candela at center: 7924 cd



iso-illuminance Diagram

3%	2.38 lx
5%	3.96 lx
10%	7.92 lx
30%	23.8 lx
50%	39.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 79.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Report Summary

Output

Total Lumens: 1574 lm
Peak Intensity: 5389 cd
Illuminance @ 5m: 200 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.9°
Vertical Beam Angle (50%): 31.6°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56°
Horizontal Cutoff Angle (3%): 78°
Vertical Cutoff Angle (3%): 78.2°



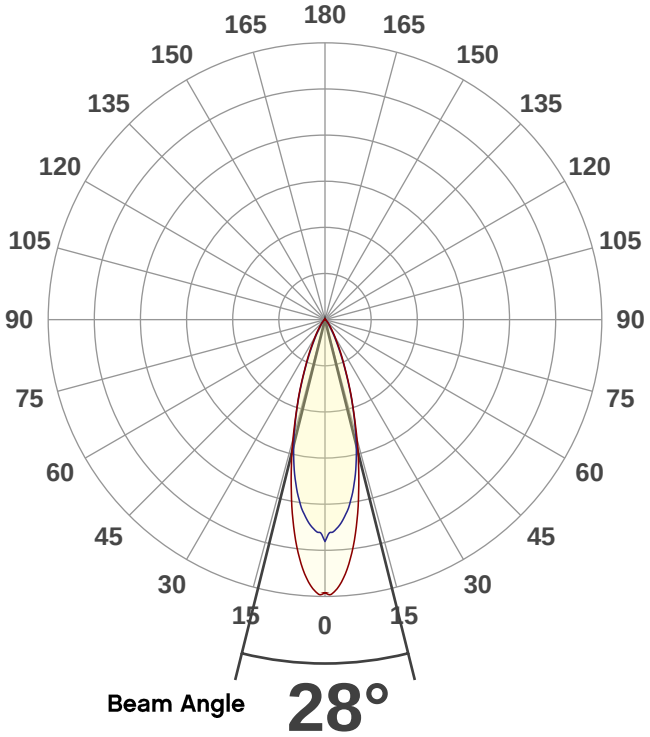
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

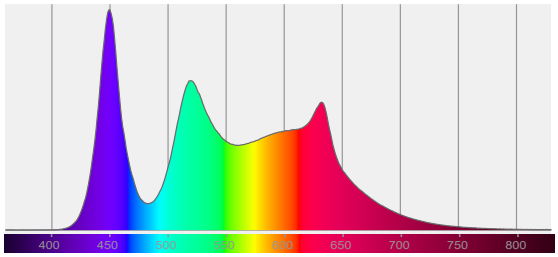
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Overall Measurement

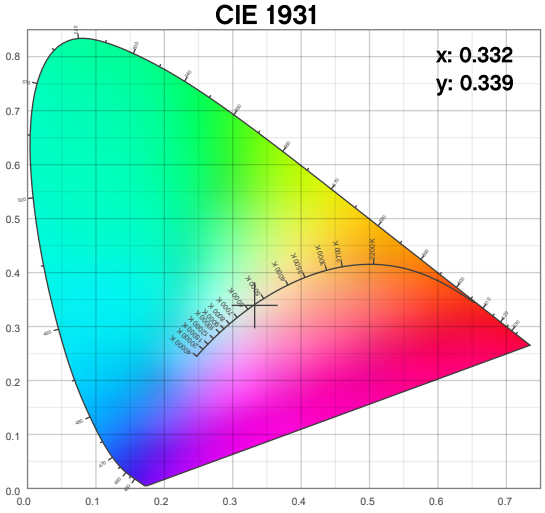
Angular Beam Distribution



Spectral Distribution



CIE 1931

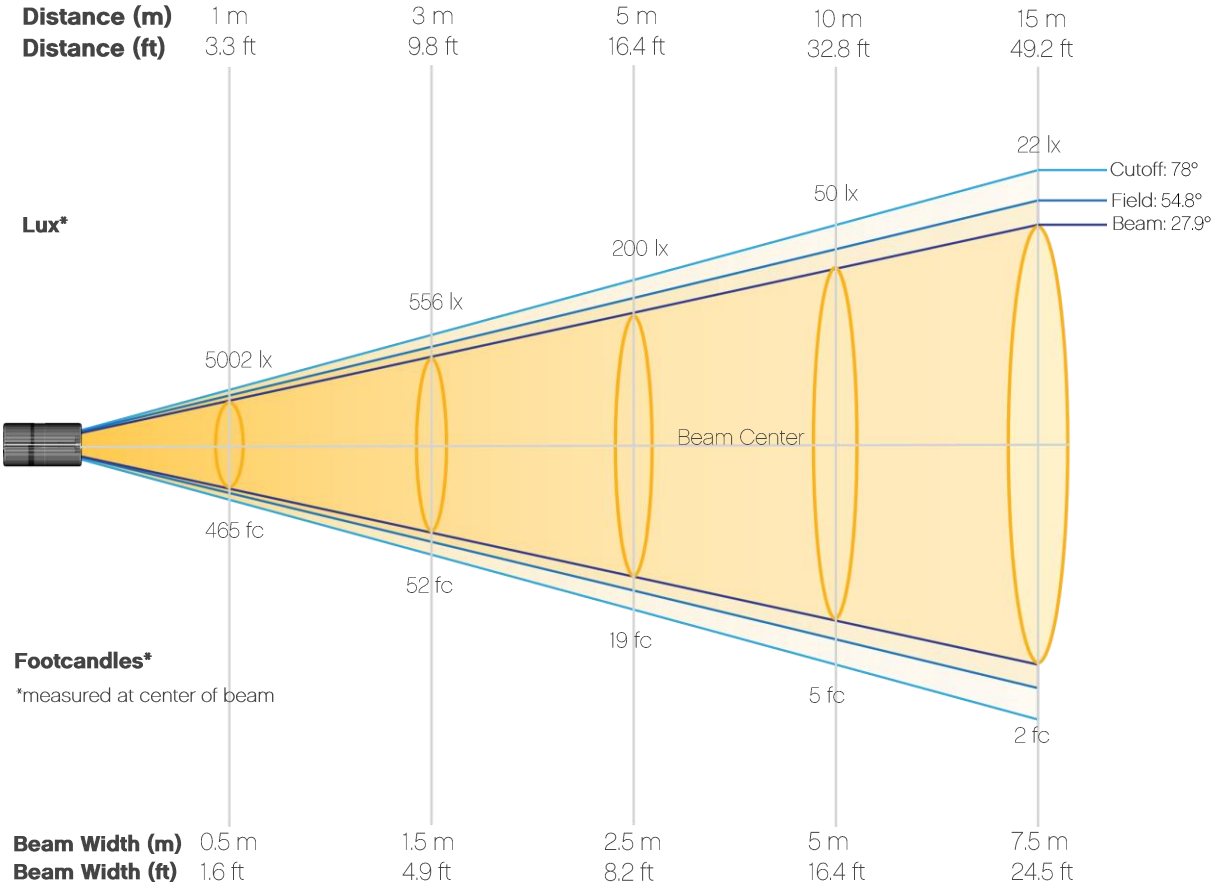


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

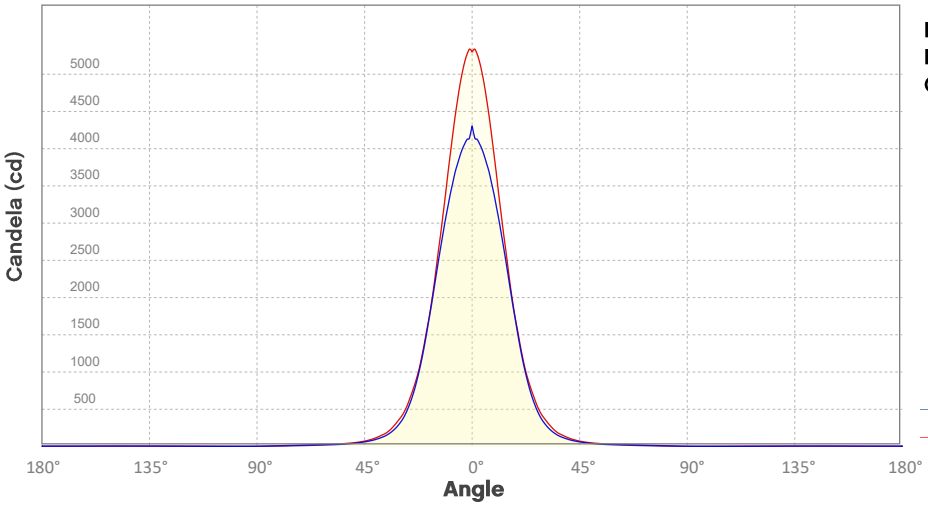
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5002	1250	556	313	200	139	102	78	62	50
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	41	35	30	26	22	20	17	15	14	13
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	465	116	52	29	19	13	9	7	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	2	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

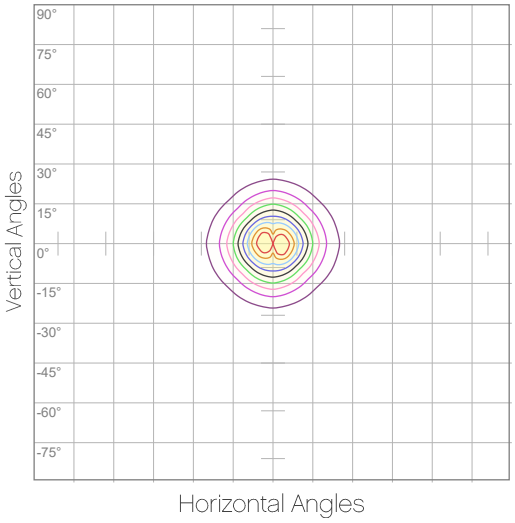
Candela Plot



Beam Angle (50%): 28°
Field Angle (10%): 53.5°
Cutoff Angle (3%): 76°

Horizontal Distribution
Vertical Distribution

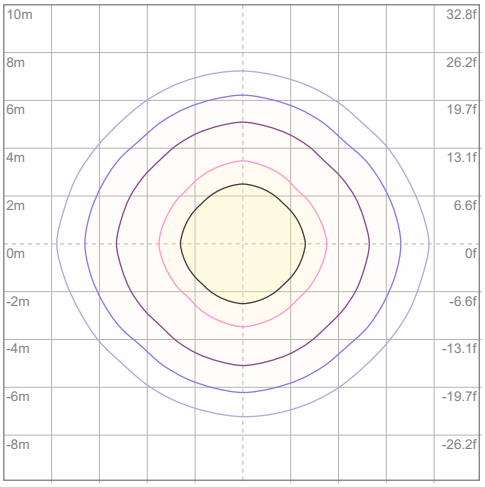
Polar Diagrams



iso-candela Diagram

10%	500 cd
20%	1000 cd
30%	1501 cd
40%	2001 cd
50%	2501 cd
60%	3001 cd
70%	3501 cd
80%	4001 cd
90%	4502 cd

Conditions:
Number of c-planes: 8
Candela at center: 5002 cd



iso-illuminance Diagram

3%	1.50 lx
5%	2.50 lx
10%	5.00 lx
30%	15.0 lx
50%	25.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 50.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Report Summary

Output

Total Lumens: 1023 lm
Peak Intensity: 3520 cd
Illuminance @ 5m: 130 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 27.6°
Vertical Beam Angle (50%): 32.4°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 56.5°
Horizontal Cutoff Angle (3%): 77.9°
Vertical Cutoff Angle (3%): 78.8°



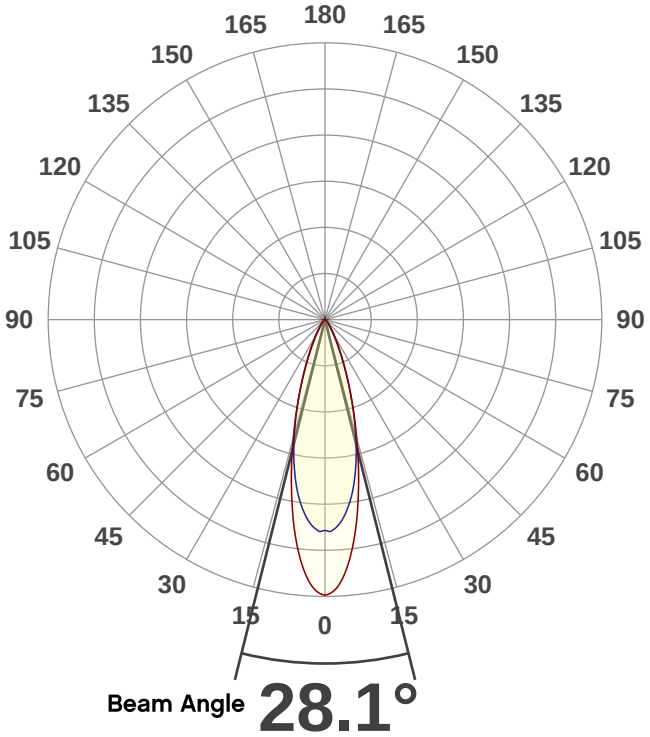
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

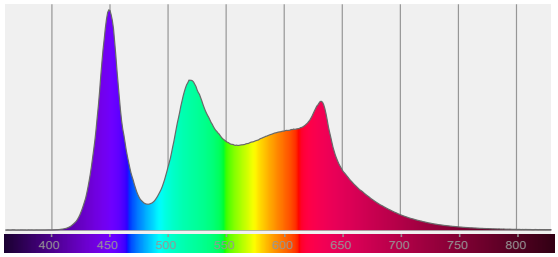
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Overall Measurement

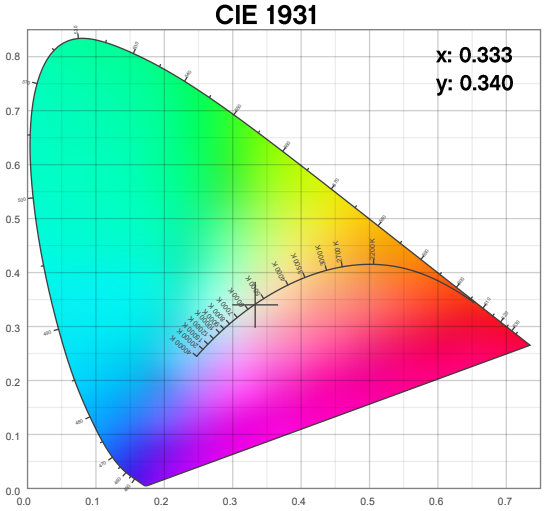
Angular Beam Distribution



Spectral Distribution



CIE 1931

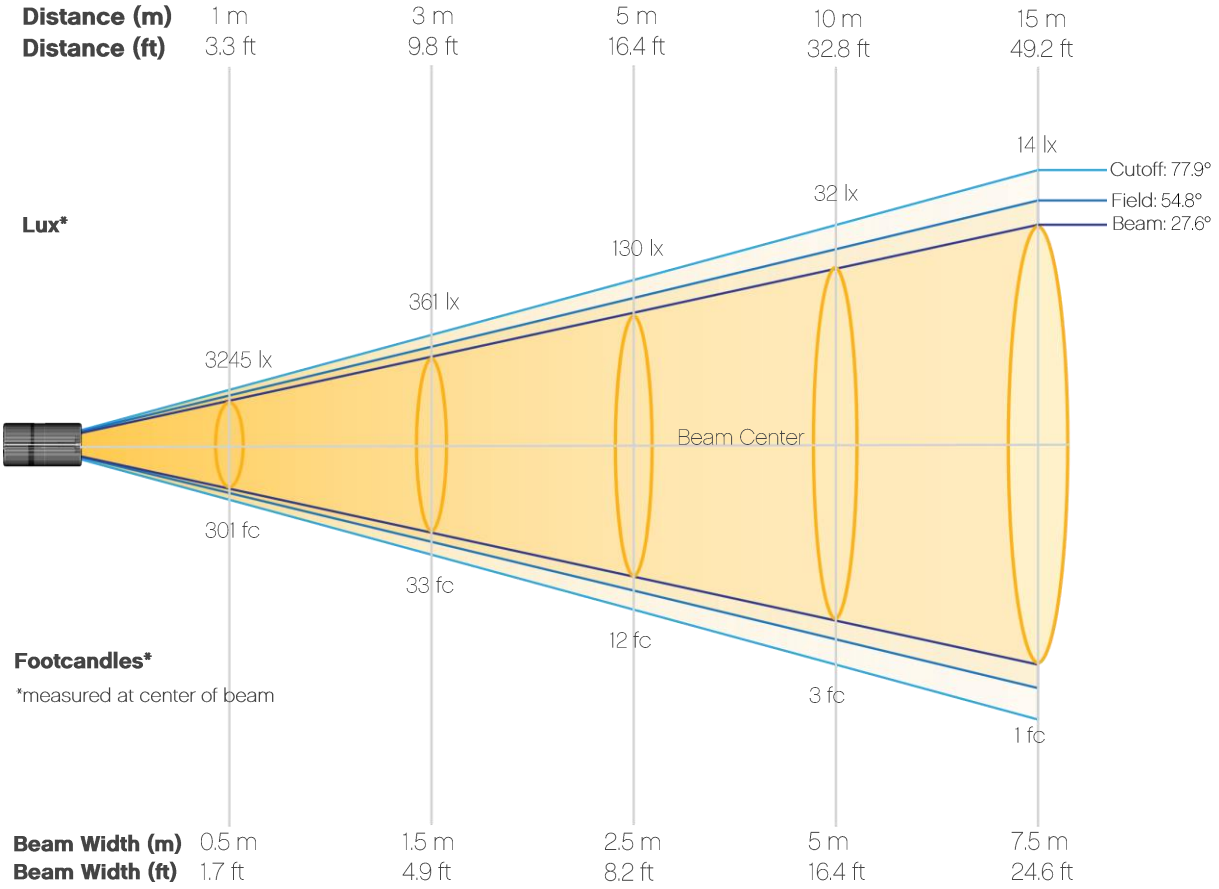


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

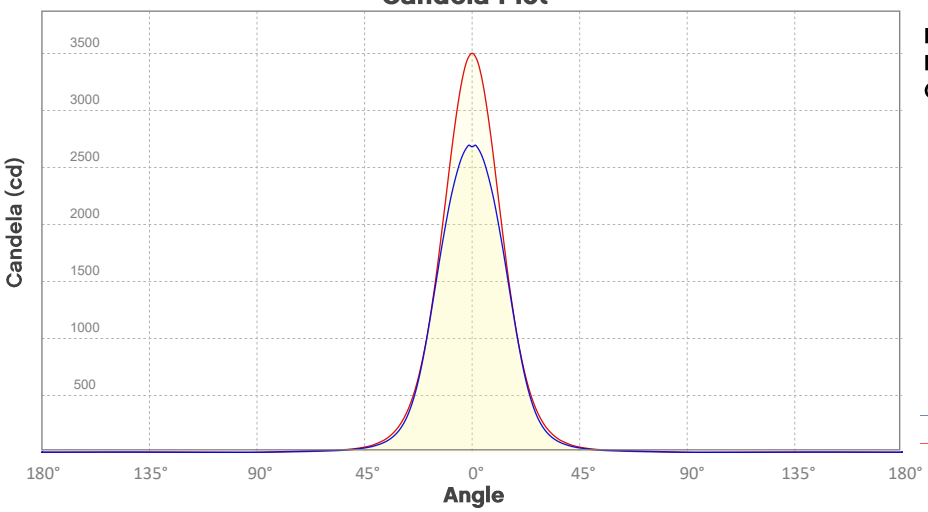
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3245	811	361	203	130	90	66	51	40	32
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	27	23	19	17	14	13	11	10	9	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	301	75	33	19	12	8	6	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	2	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter 40deg, 5600K

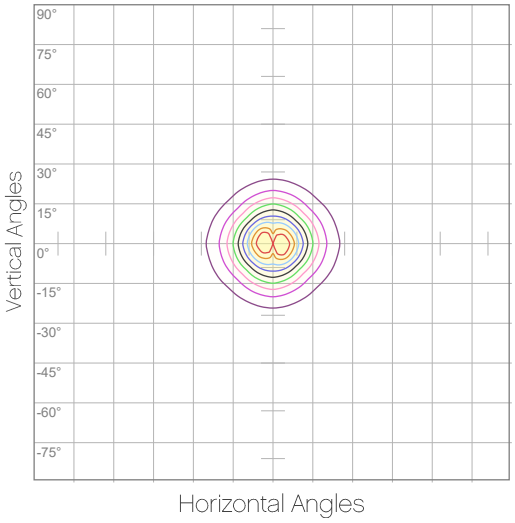
Candela Plot



Beam Angle (50%): 28.1°
Field Angle (10%): 53.7°
Cutoff Angle (3%): 76.1°

Horizontal Distribution
Vertical Distribution

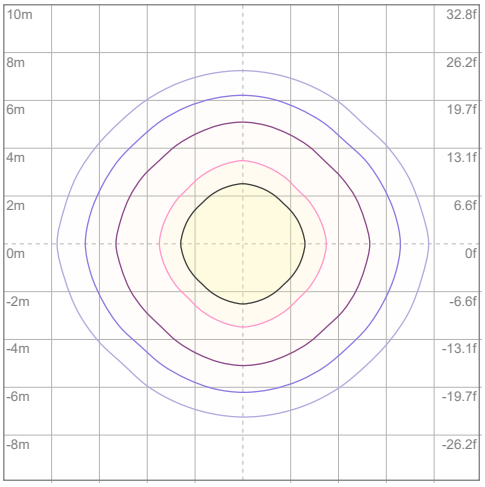
Polar Diagrams



iso-candela Diagram

10%	324 cd
20%	649 cd
30%	973 cd
40%	1298 cd
50%	1622 cd
60%	1947 cd
70%	2271 cd
80%	2596 cd
90%	2920 cd

Conditions:
Number of c-planes: 8
Candela at center: 3245 cd



iso-illuminance Diagram

3%	0.973 lx
5%	1.62 lx
10%	3.24 lx
30%	9.73 lx
50%	16.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 32.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Report Summary

Output

Total Lumens: 5500 lm
Peak Intensity: 18666 cd
Illuminance @ 5m: 745 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 30.1°
Vertical Beam Angle (50%): 24.5°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 44.8°
Horizontal Cutoff Angle (3%): 77.2°
Vertical Cutoff Angle (3%): 65.3°



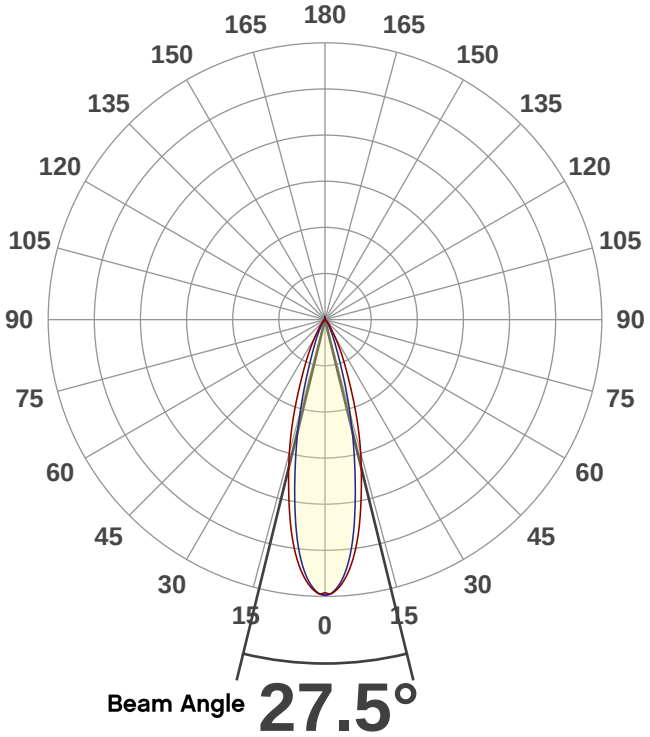
Conditions

AC Supply: 119 V, 60 Hz
Power: 338.03 W
Current: 2.85 A
Power Factor: 1.0

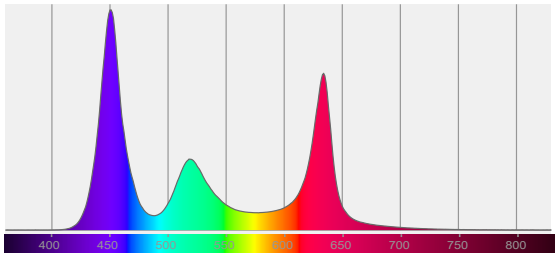
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Overall Measurement

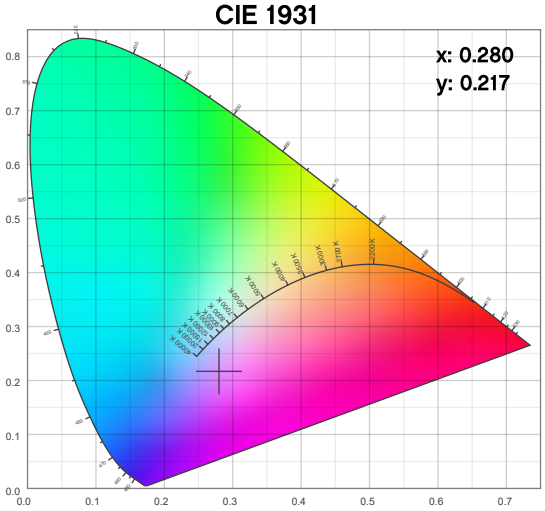
Angular Beam Distribution



Spectral Distribution



CIE 1931

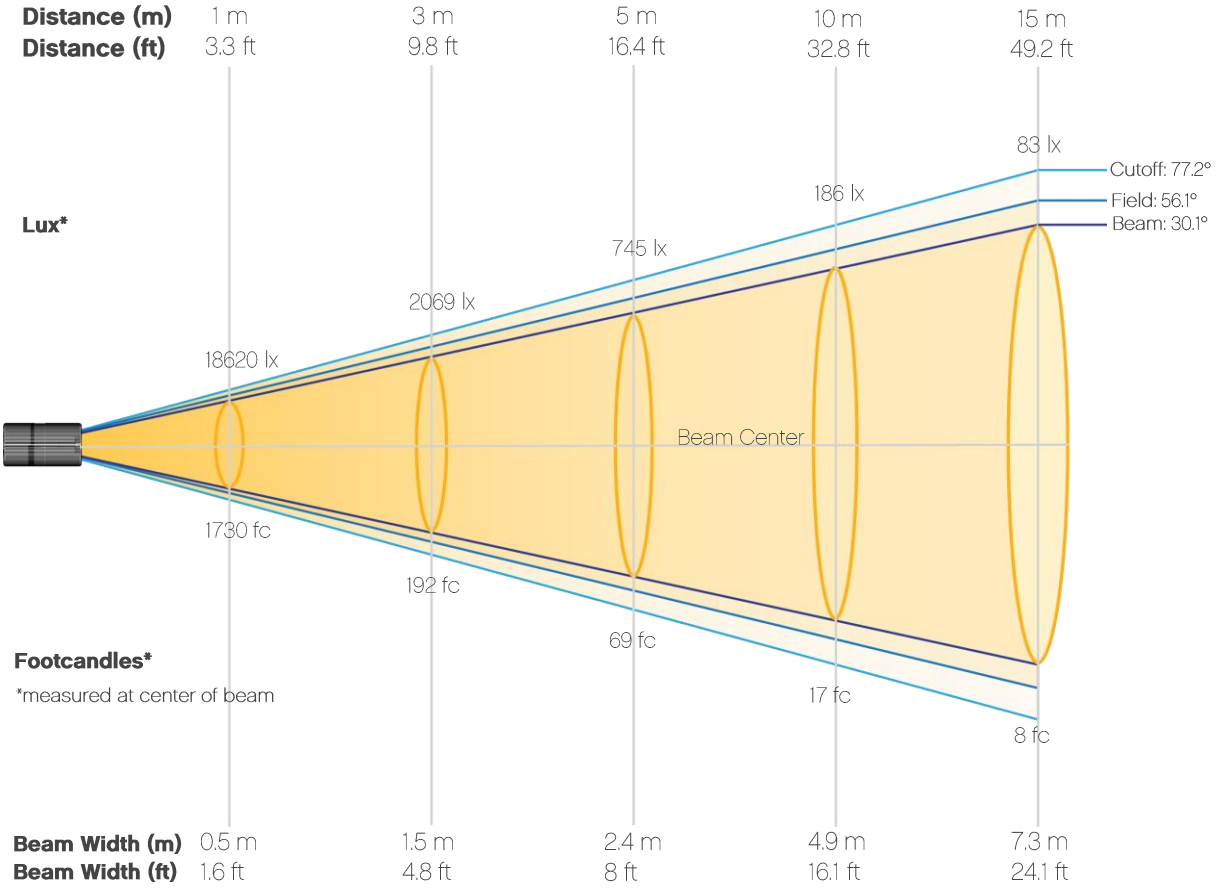


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Beam Details



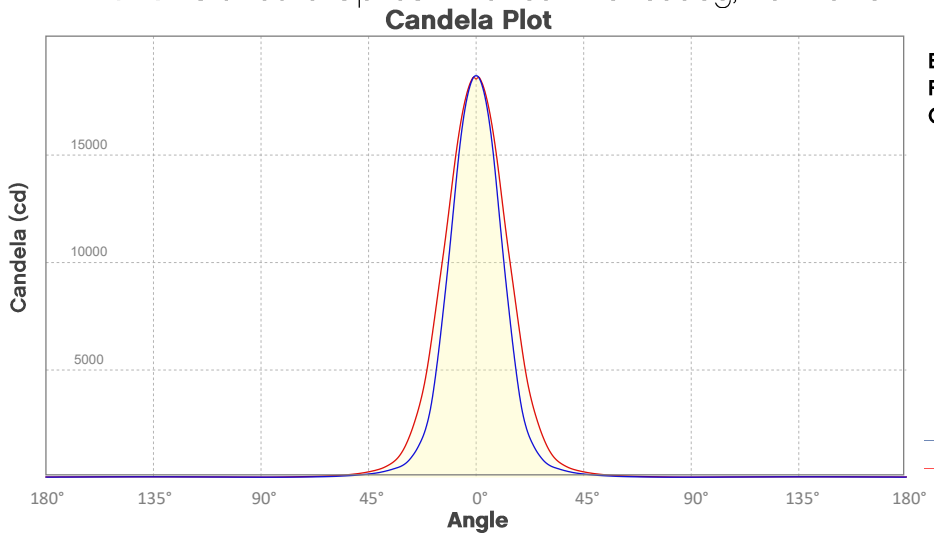
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18620	4655	2069	1164	745	517	380	291	230	186
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	154	129	110	95	83	73	64	57	52	47
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1730	432	192	108	69	48	35	27	21	17
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	14	12	10	9	8	7	6	5	5	4

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Photometric Report

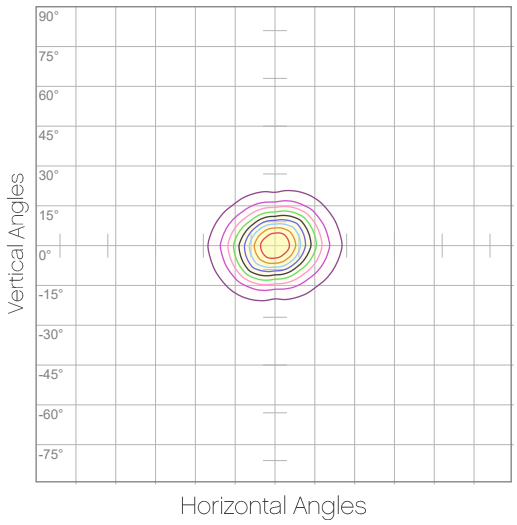
WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power



Beam Angle (50%): 27.5°
Field Angle (10%): 50.6°
Cutoff Angle (3%): 71.8°

Horizontal Distribution
Vertical Distribution

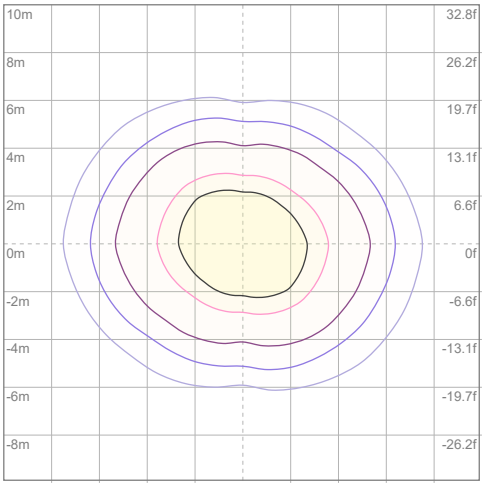
Polar Diagrams



iso-candela Diagram

10%	1862 cd
20%	3724 cd
30%	5586 cd
40%	7448 cd
50%	9310 cd
60%	11172 cd
70%	13034 cd
80%	14896 cd
90%	16758 cd

Conditions:
Number of c-planes: 8
Candela at center: 18620 cd



iso-illuminance Diagram

3%	5.59 lx
5%	9.31 lx
10%	18.6 lx
30%	55.9 lx
50%	93.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 186 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power- Stable

Report Summary

Output

Total Lumens: 4882 lm
Peak Intensity: 14173 cd
Illuminance @ 5m: 561 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 33.6°
Vertical Beam Angle (50%): 27.6°
Horizontal Field Angle (10%): 55.8°
Vertical Field Angle (10%): 51.3°
Horizontal Cutoff Angle (3%): 76.7°
Vertical Cutoff Angle (3%): 71.4°



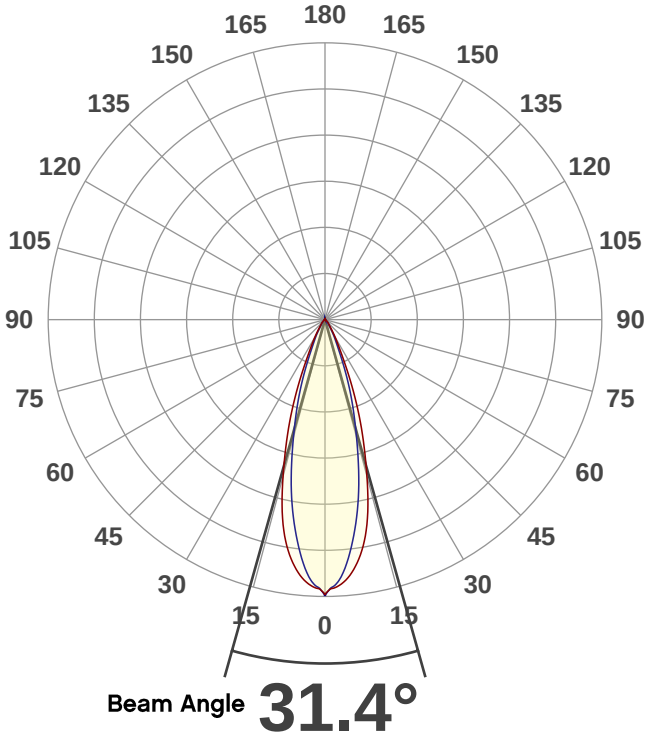
Conditions

AC Supply: 118 V, 60 Hz
Power: 341.62 W
Current: 2.89 A
Power Factor: 1.0

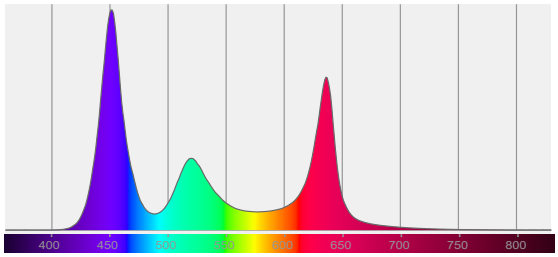
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Overall Measurement

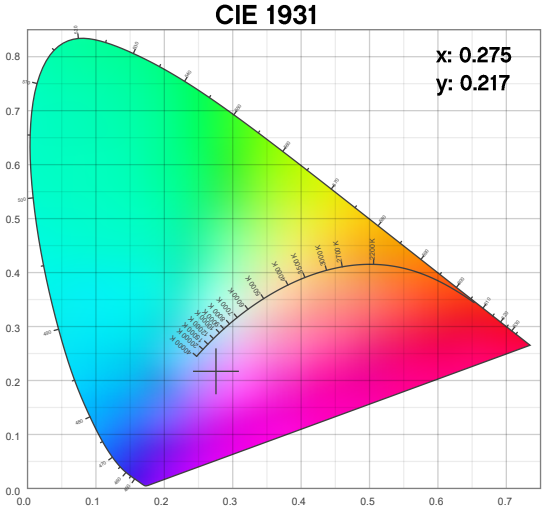
Angular Beam Distribution



Spectral Distribution



CIE 1931

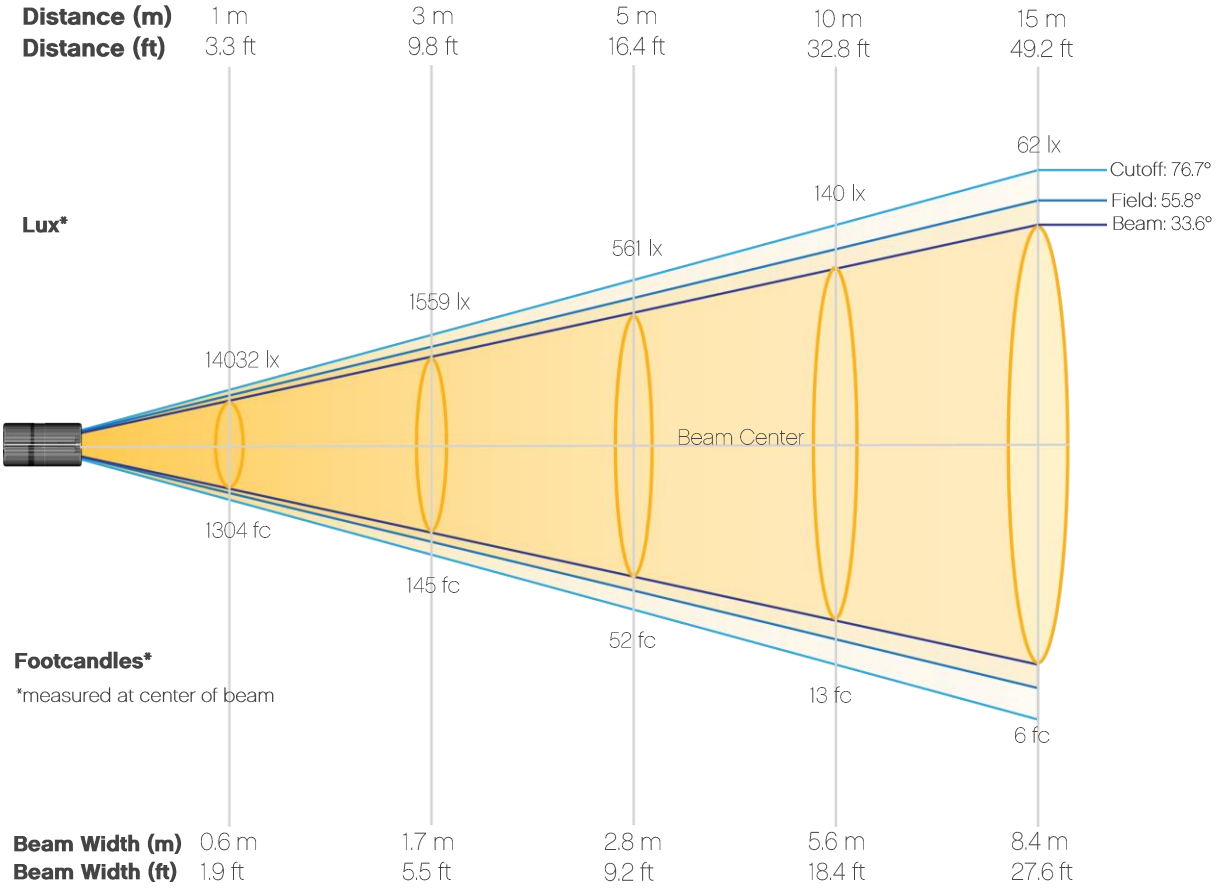


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power- Stable

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

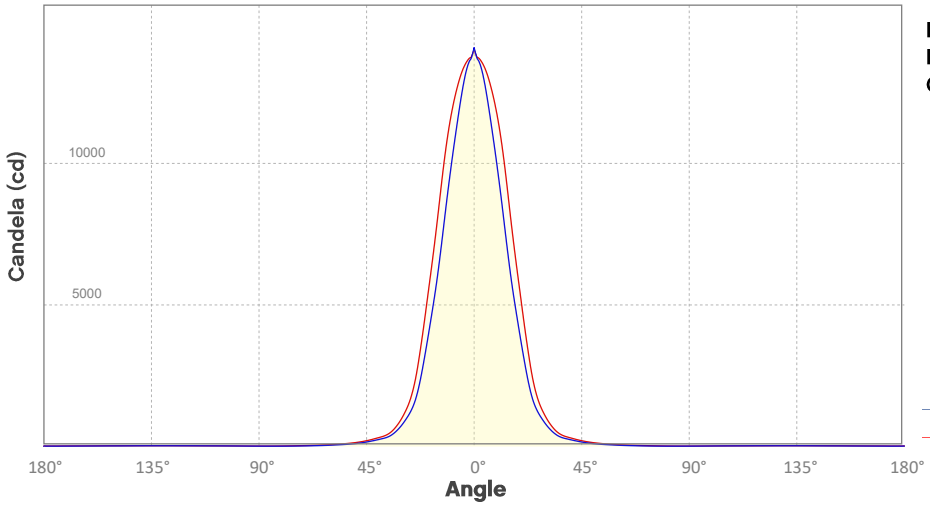
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14032	3508	1559	877	561	390	286	219	173	140
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	116	97	83	72	62	55	49	43	39	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1304	326	145	81	52	36	27	20	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	5	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power- Stable

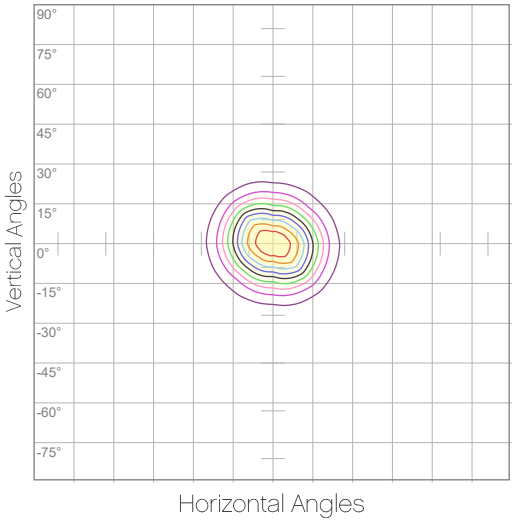
Candela Plot



Beam Angle (50%): 31.4°
Field Angle (10%): 53.8°
Cutoff Angle (3%): 74.5°

Horizontal Distribution
Vertical Distribution

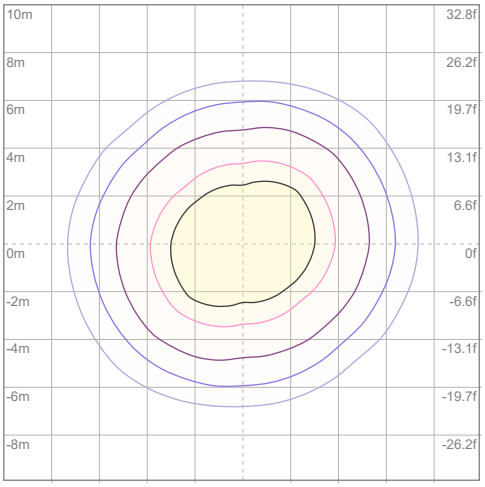
Polar Diagrams



iso-candela Diagram

10%	1403 cd
20%	2806 cd
30%	4210 cd
40%	5613 cd
50%	7016 cd
60%	8419 cd
70%	9822 cd
80%	11225 cd
90%	12629 cd

Conditions:
Number of c-planes: 8
Candela at center: 14032 cd



iso-illuminance Diagram

3%	4.21 lx
5%	7.02 lx
10%	14.0 lx
30%	42.1 lx
50%	70.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 140 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Report Summary

Output

Total Lumens: 4771 lm
Peak Intensity: 14243 cd
Illuminance @ 5m: 569 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.8°
Vertical Beam Angle (50%): 26.1°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 48.4°
Horizontal Cutoff Angle (3%): 76.7°
Vertical Cutoff Angle (3%): 68.9°



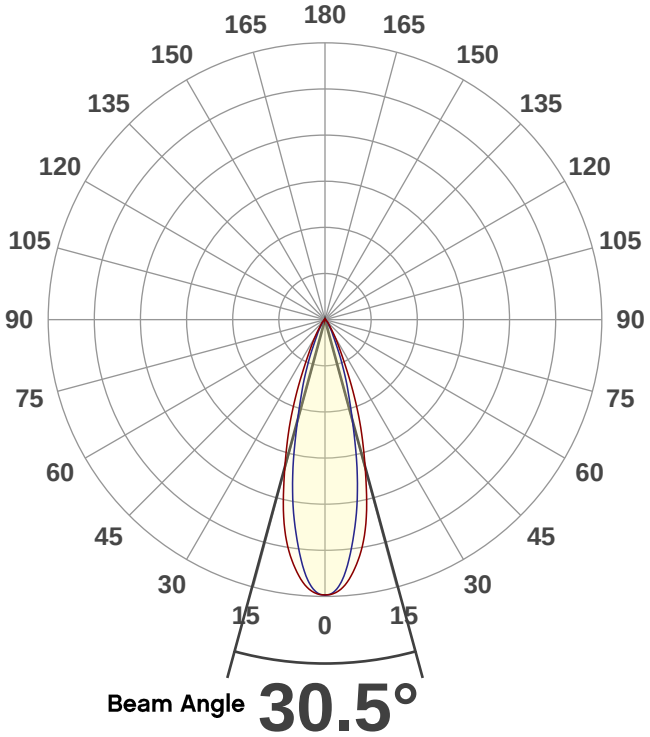
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

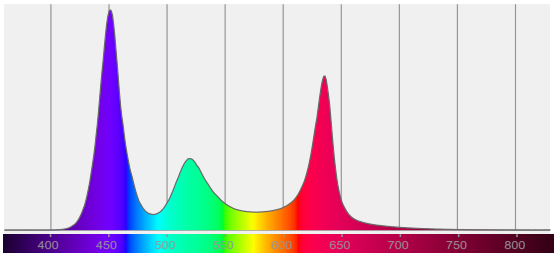
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Overall Measurement

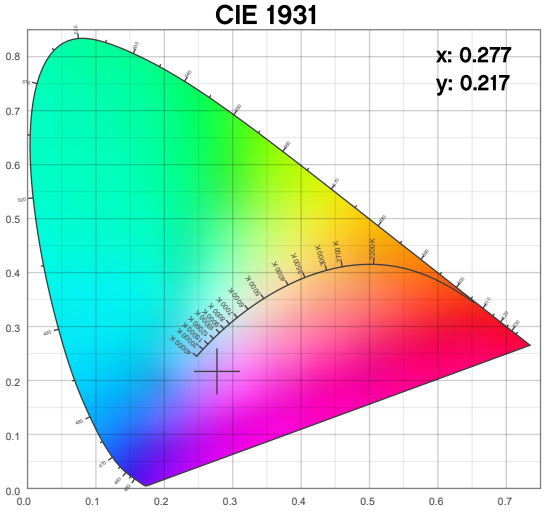
Angular Beam Distribution



Spectral Distribution



CIE 1931

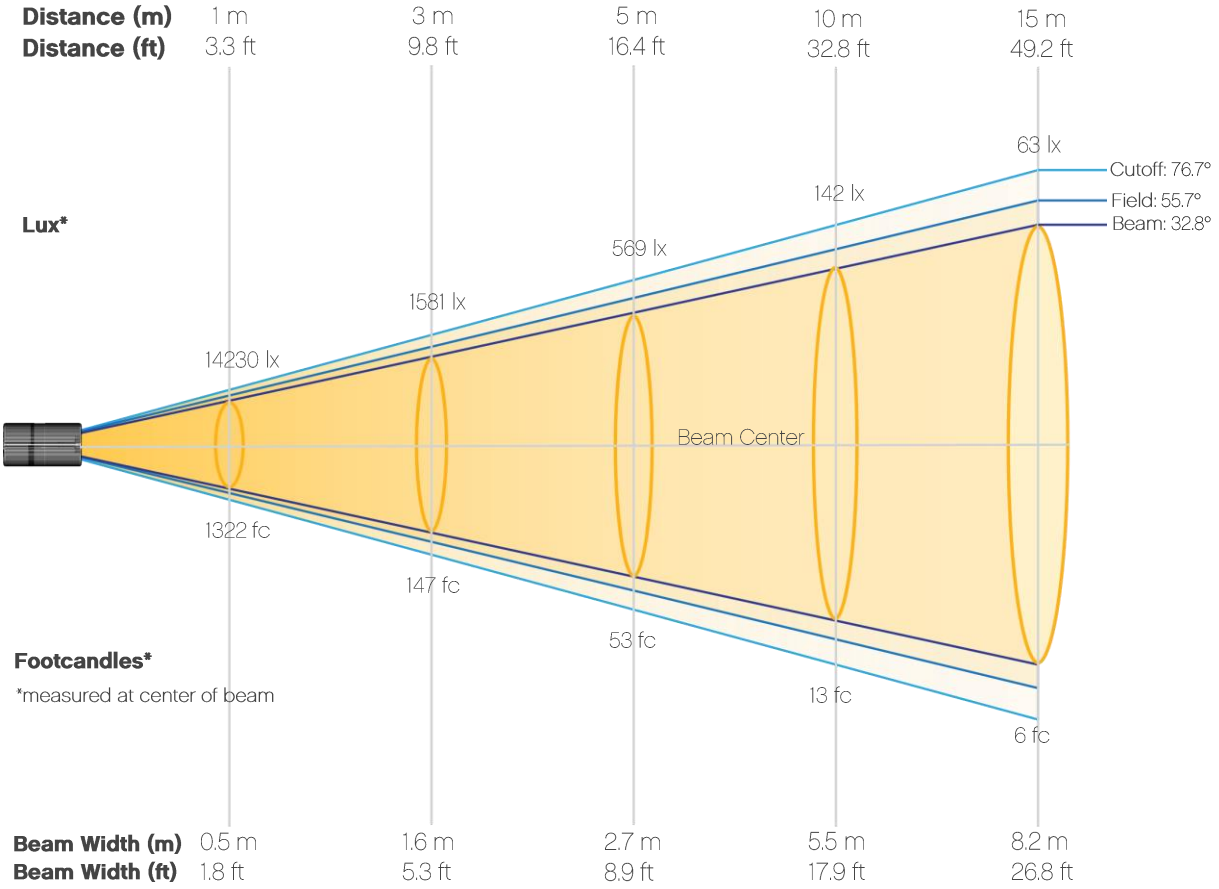


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

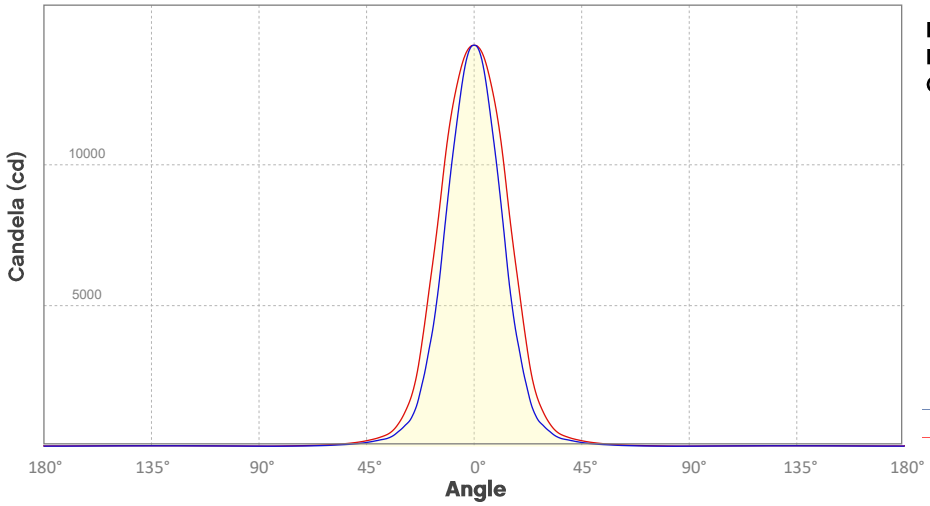
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14230	3558	1581	889	569	395	290	222	176	142
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	118	99	84	73	63	56	49	44	39	36
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1322	331	147	83	53	37	27	21	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	5	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

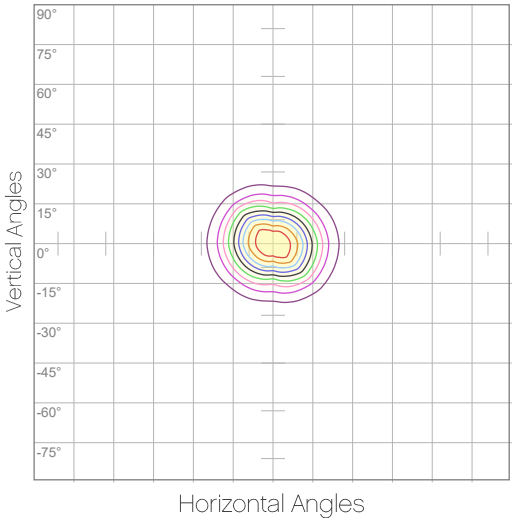
Candela Plot



Beam Angle (50%): 30.5°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 73.3°

Horizontal Distribution
Vertical Distribution

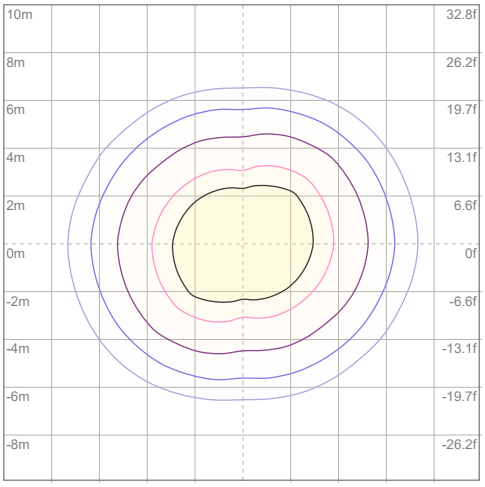
Polar Diagrams



iso-candela Diagram

10%	1423 cd
20%	2846 cd
30%	4269 cd
40%	5692 cd
50%	7115 cd
60%	8538 cd
70%	9961 cd
80%	11384 cd
90%	12807 cd

Conditions:
Number of c-planes: 8
Candela at center: 14230 cd



iso-illuminance Diagram

3%	4.27 lx
5%	7.12 lx
10%	14.2 lx
30%	42.7 lx
50%	71.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 142 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Report Summary

Output

Total Lumens: 2440 lm
Peak Intensity: 7154 cd
Illuminance @ 5m: 285 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.4°
Vertical Beam Angle (50%): 27.3°
Horizontal Field Angle (10%): 55.3°
Vertical Field Angle (10%): 50.2°
Horizontal Cutoff Angle (3%): 76.2°
Vertical Cutoff Angle (3%): 69.8°



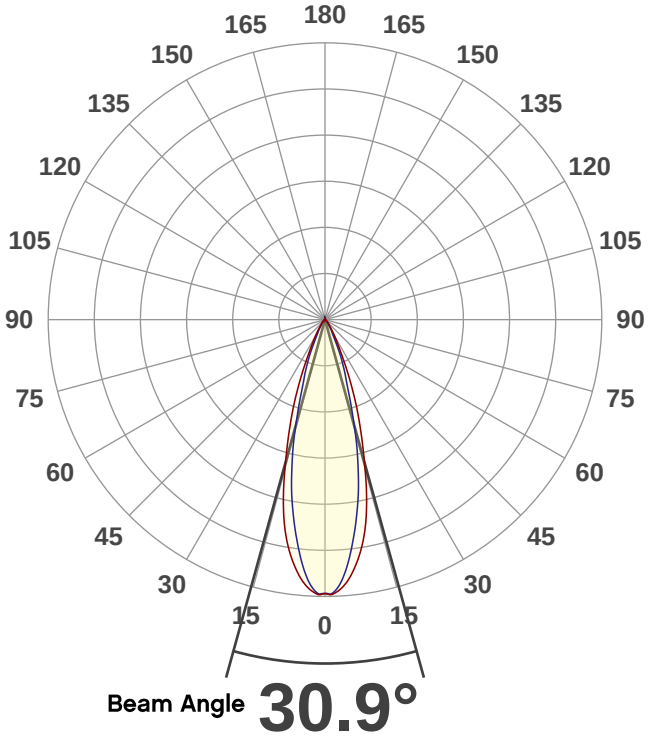
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

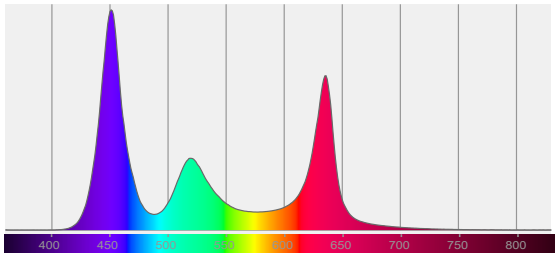
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Overall Measurement

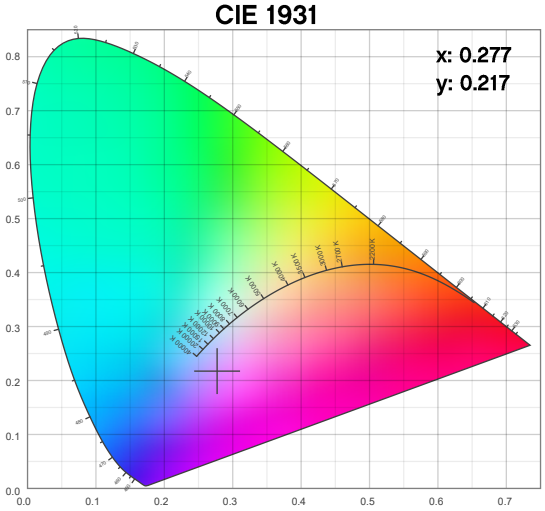
Angular Beam Distribution



Spectral Distribution



CIE 1931

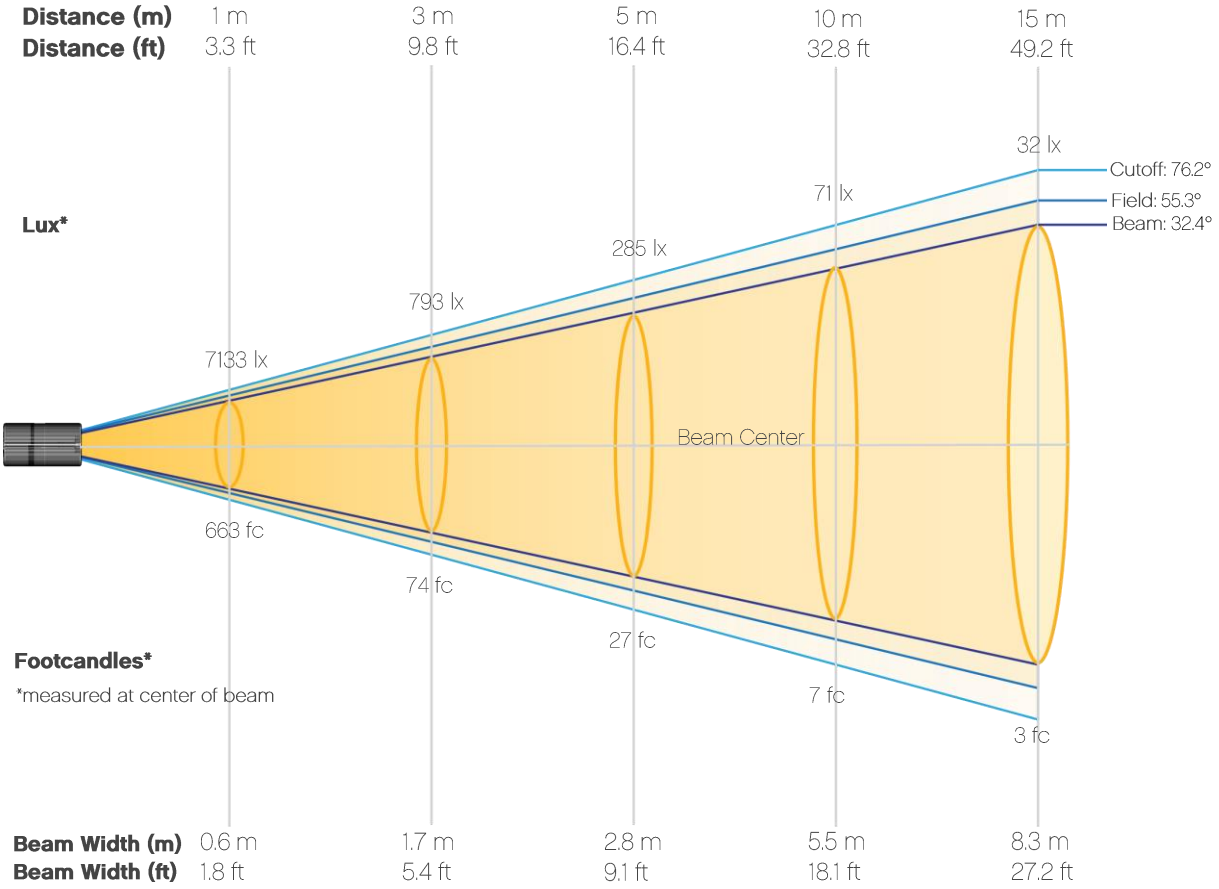


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

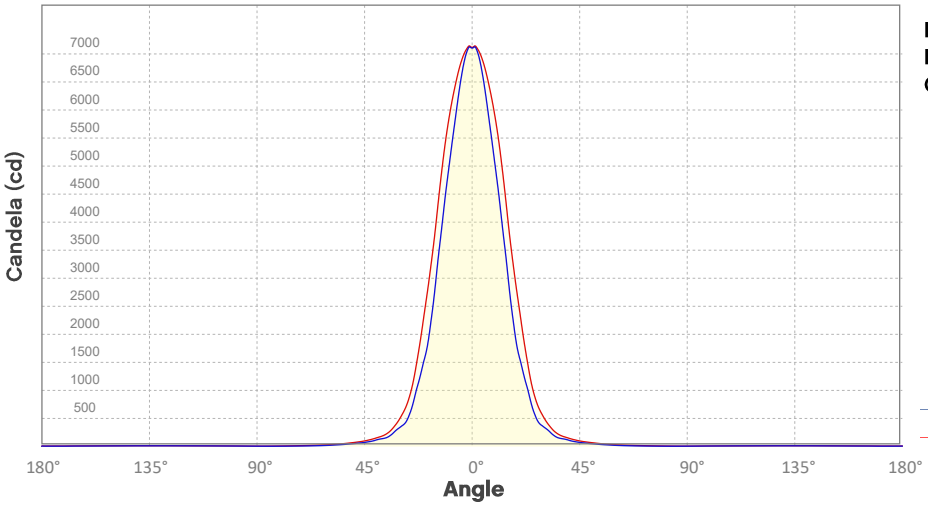
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7133	1783	793	446	285	198	146	111	88	71
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	59	50	42	36	32	28	25	22	20	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	663	166	74	41	27	18	14	10	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	5	4	3	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

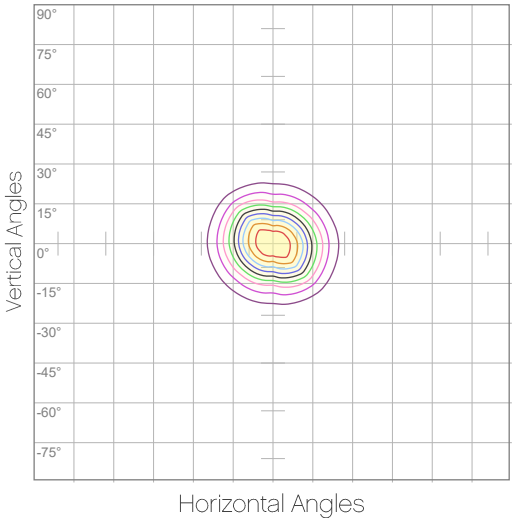
Candela Plot



Beam Angle (50%): 30.9°
Field Angle (10%): 53.3°
Cutoff Angle (3%): 73.9°

Horizontal Distribution
Vertical Distribution

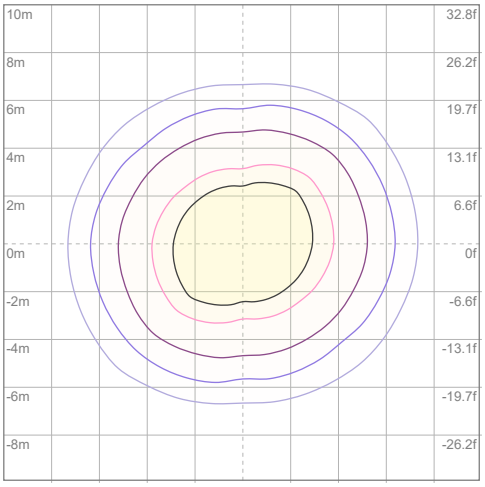
Polar Diagrams



iso-candela Diagram

10%	713 cd
20%	1427 cd
30%	2140 cd
40%	2853 cd
50%	3566 cd
60%	4280 cd
70%	4993 cd
80%	5706 cd
90%	6420 cd

Conditions:
Number of c-planes: 8
Candela at center: 7133 cd



iso-illuminance Diagram

3%	2.14 lx
5%	3.57 lx
10%	7.13 lx
30%	21.4 lx
50%	35.7 lx

Conditions:
Number of c-planes: 8
Lux at center: 71.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Report Summary

Output

Total Lumens: 1713 lm
Peak Intensity: 5831 cd
Illuminance @ 5m: 232 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 29.9°
Vertical Beam Angle (50%): 24.4°
Horizontal Field Angle (10%): 56°
Vertical Field Angle (10%): 44.6°
Horizontal Cutoff Angle (3%): 77.1°
Vertical Cutoff Angle (3%): 65.7°



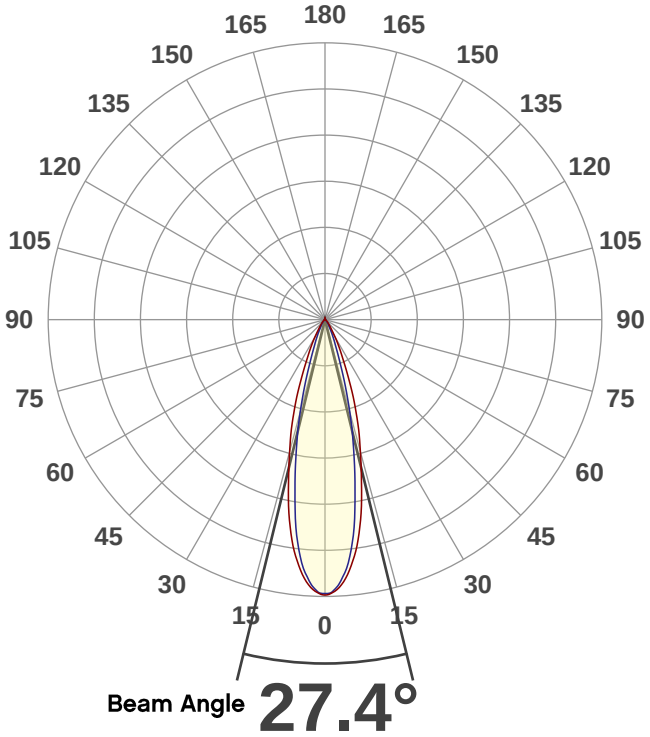
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

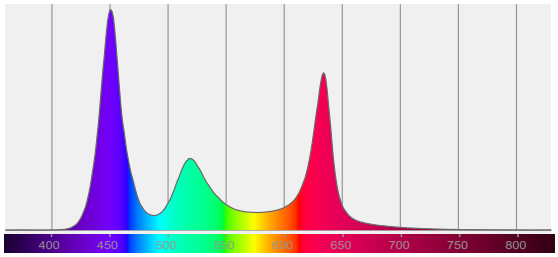
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Overall Measurement

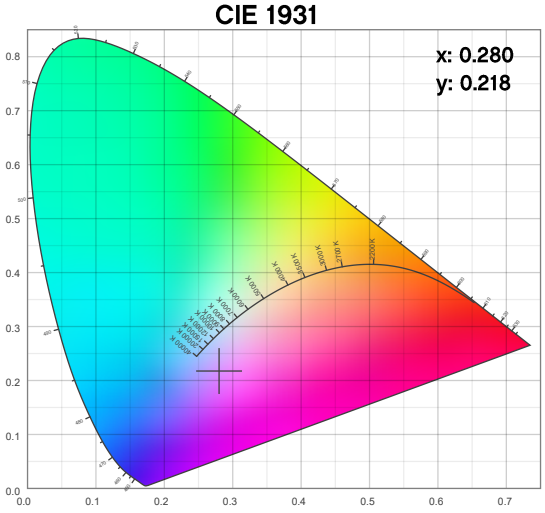
Angular Beam Distribution



Spectral Distribution



CIE 1931

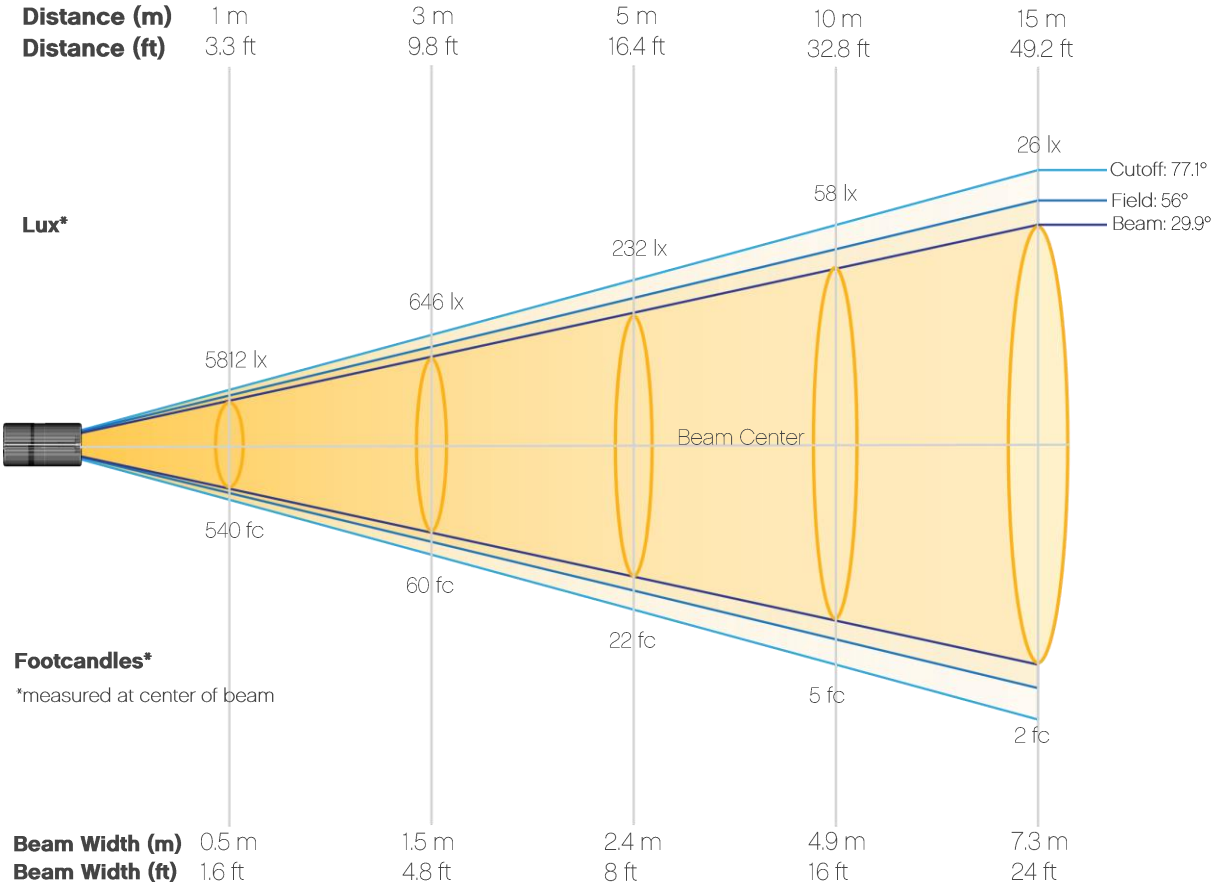


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

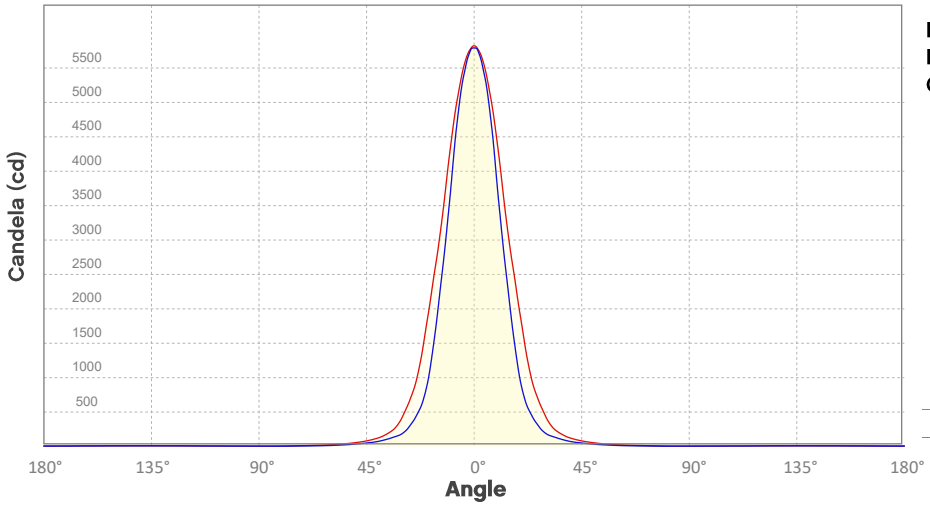
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5812	1453	646	363	232	161	119	91	72	58
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	48	40	34	30	26	23	20	18	16	15
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	540	135	60	34	22	15	11	8	7	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	4	3	3	2	2	2	2	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

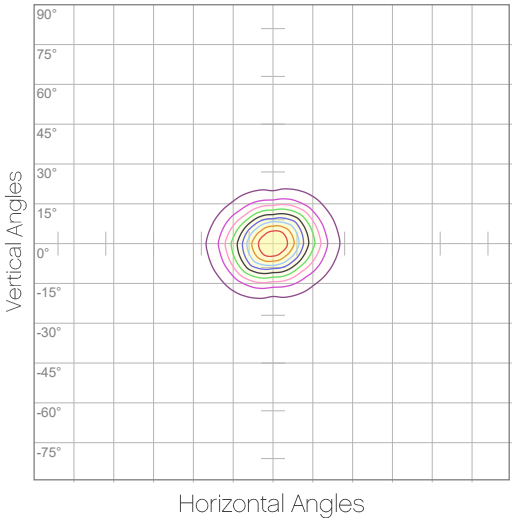
Candela Plot



Beam Angle (50%): 27.4°
Field Angle (10%): 50.5°
Cutoff Angle (3%): 72°

Horizontal Distribution
Vertical Distribution

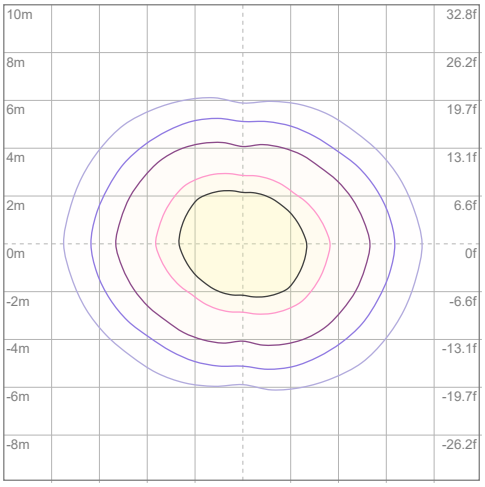
Polar Diagrams



iso-candela Diagram

10%	581 cd
20%	1162 cd
30%	1744 cd
40%	2325 cd
50%	2906 cd
60%	3487 cd
70%	4069 cd
80%	4650 cd
90%	5231 cd

Conditions:
Number of c-planes: 8
Candela at center: 5812 cd



iso-illuminance Diagram

3%	1.74 lx
5%	2.91 lx
10%	5.81 lx
30%	17.4 lx
50%	29.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 58.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Report Summary

Output

Total Lumens: 1084 lm
Peak Intensity: 3372 cd
Illuminance @ 5m: 122 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.5°
Vertical Beam Angle (50%): 27.7°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 50.8°
Horizontal Cutoff Angle (3%): 76.9°
Vertical Cutoff Angle (3%): 71.2°



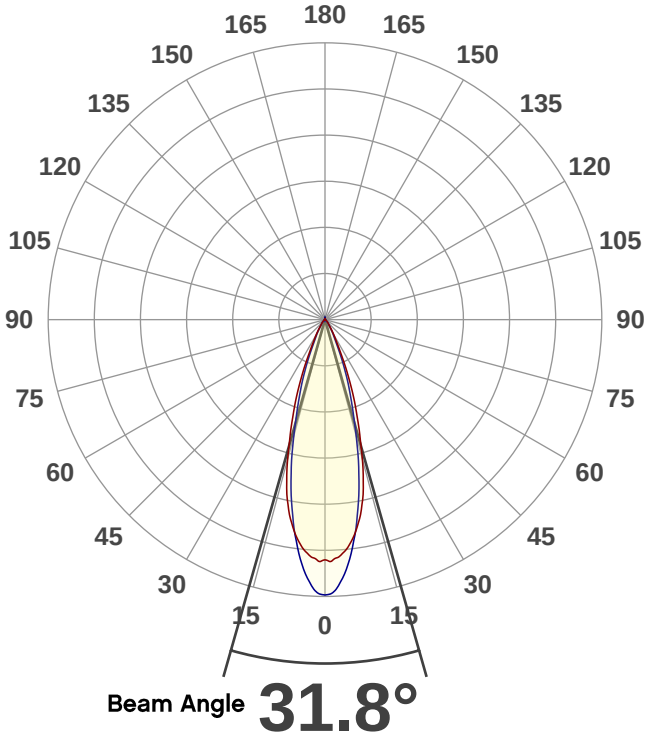
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

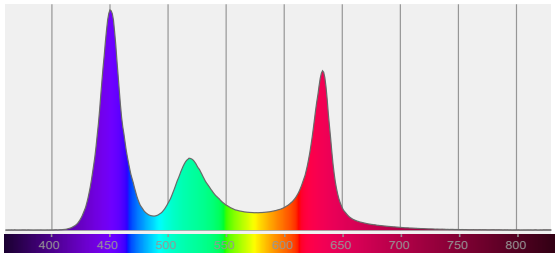
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 2/11/2021 to LM-63-2002 Standards.

Overall Measurement

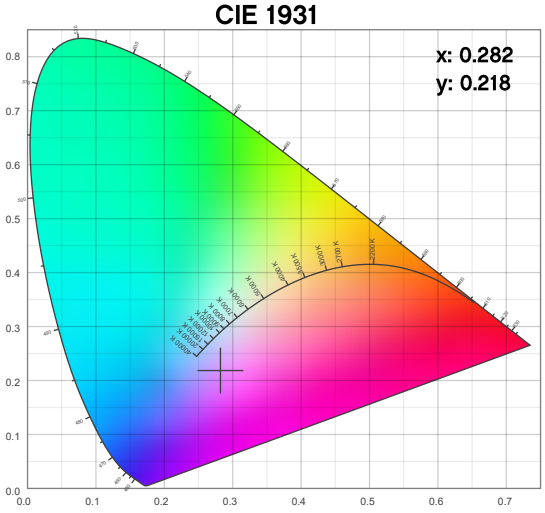
Angular Beam Distribution



Spectral Distribution



CIE 1931

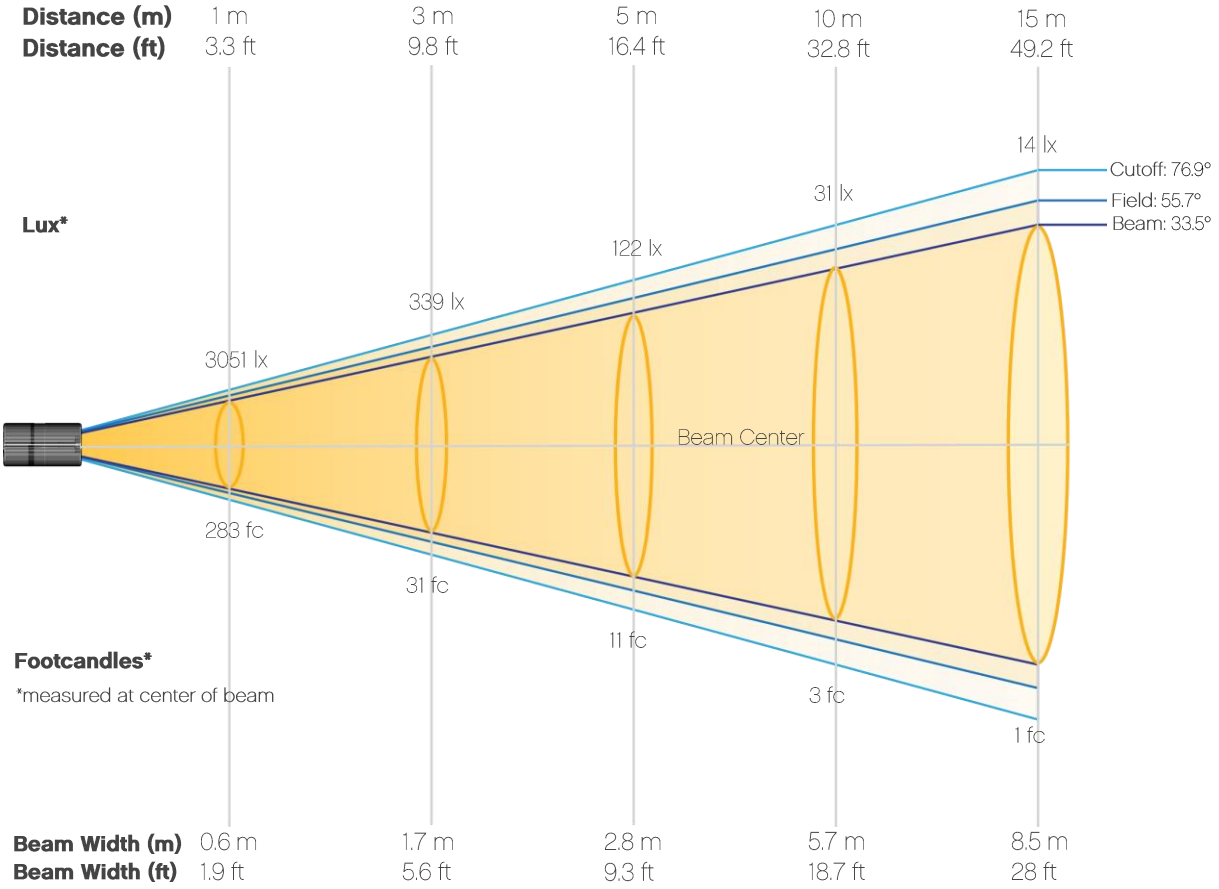


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

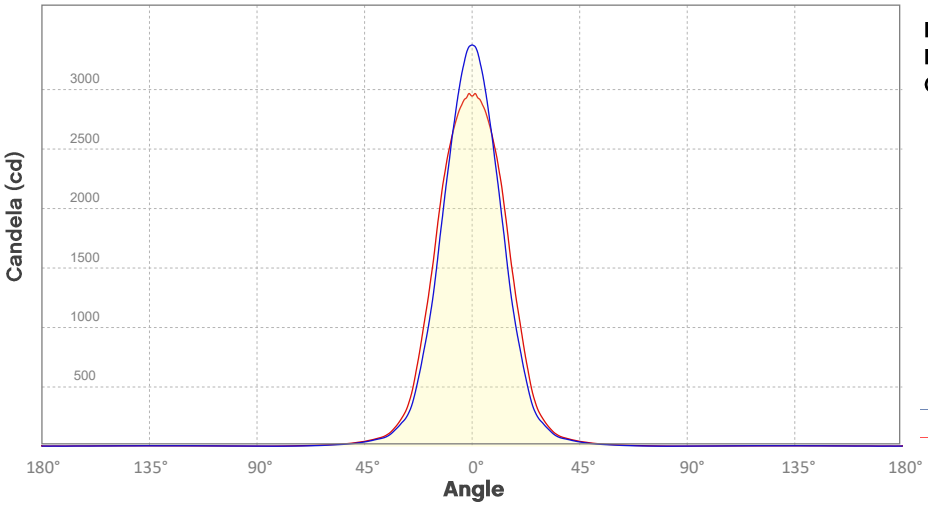
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3051	763	339	191	122	85	62	48	38	31
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	25	21	18	16	14	12	11	9	8	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	283	71	31	18	11	8	6	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Full Power

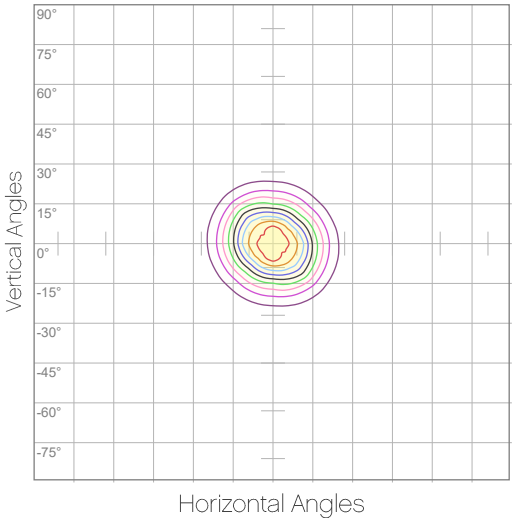
Candela Plot



Beam Angle (50%): 31.8°
Field Angle (10%): 53.9°
Cutoff Angle (3%): 74.8°

Horizontal Distribution
Vertical Distribution

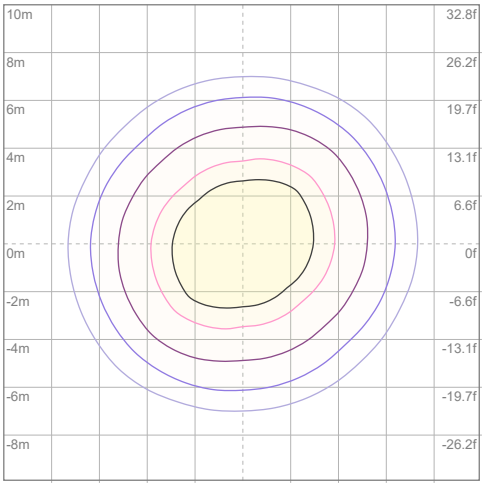
Polar Diagrams



iso-candela Diagram

10%	305 cd
20%	610 cd
30%	915 cd
40%	1221 cd
50%	1526 cd
60%	1831 cd
70%	2136 cd
80%	2441 cd
90%	2746 cd

Conditions:
Number of c-planes: 8
Candela at center: 3051 cd



iso-illuminance Diagram

3%	0.915 lx
5%	1.53 lx
10%	3.05 lx
30%	9.15 lx
50%	15.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 30.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Report Summary

Output

Total Lumens: 2314 lm
Peak Intensity: 6820 cd
Illuminance @ 5m: 272 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 33.9°
Vertical Beam Angle (50%): 26.5°
Horizontal Field Angle (10%): 55.3°
Vertical Field Angle (10%): 49.1°
Horizontal Cutoff Angle (3%): 76°
Vertical Cutoff Angle (3%): 68.5°



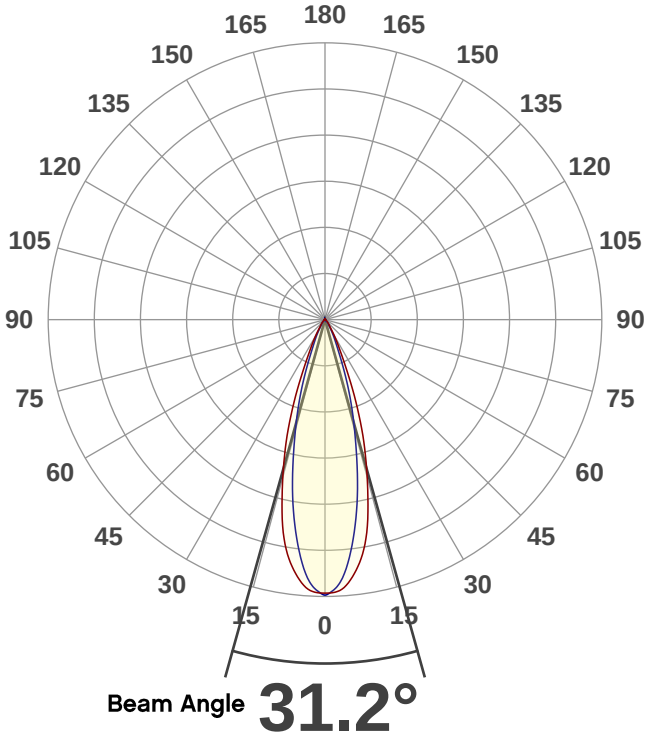
Conditions

AC Supply: 118 V, 60 Hz
Power: 354.41 W
Current: 3.01 A
Power Factor: 1.0

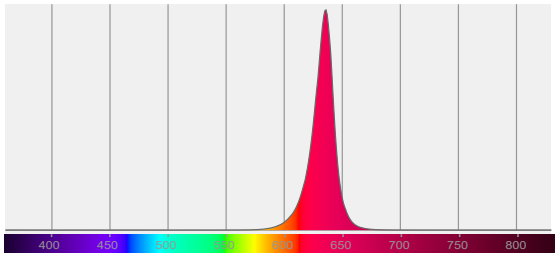
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Overall Measurement

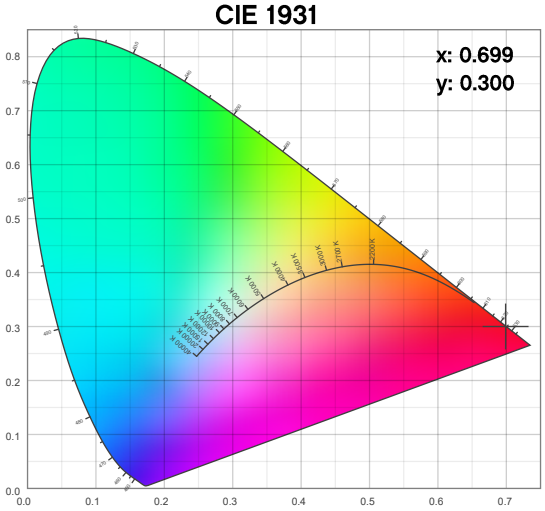
Angular Beam Distribution



Spectral Distribution



CIE 1931

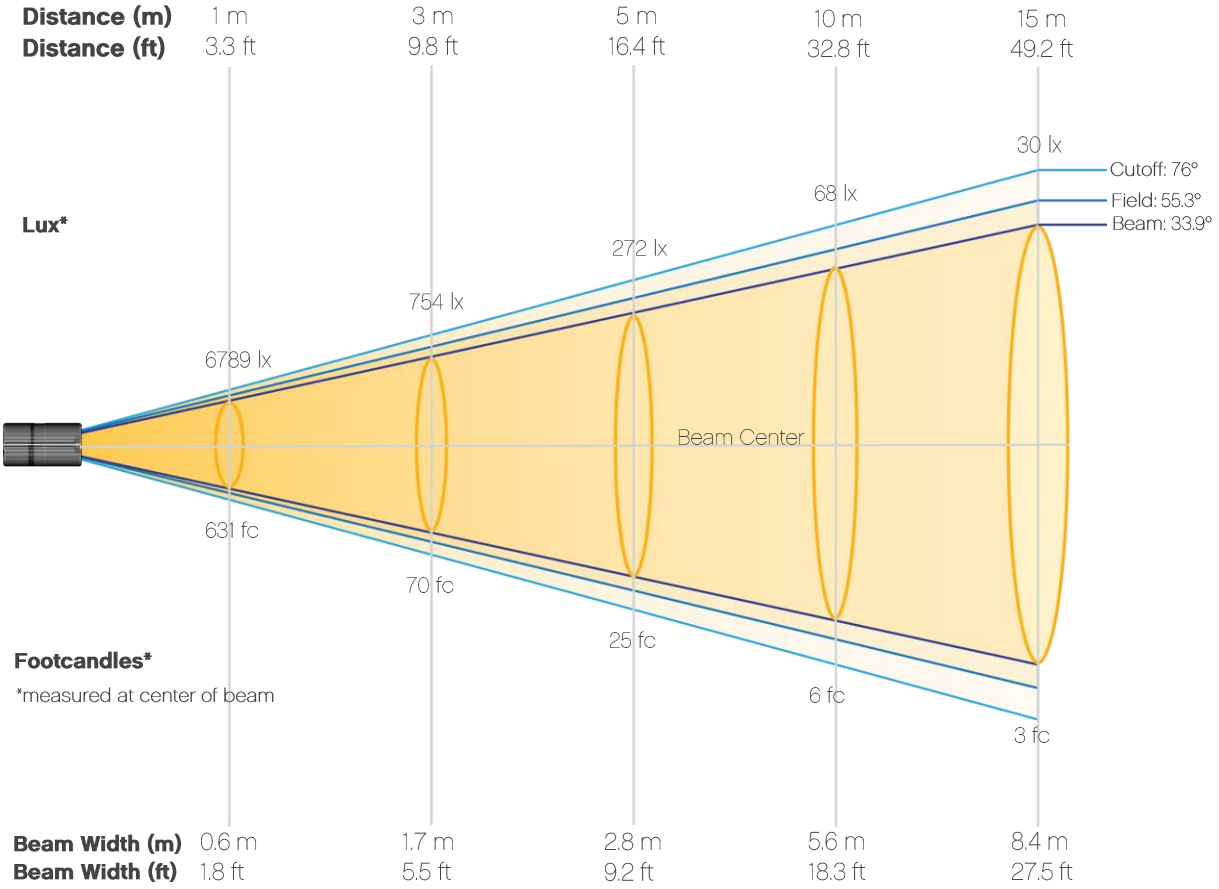


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

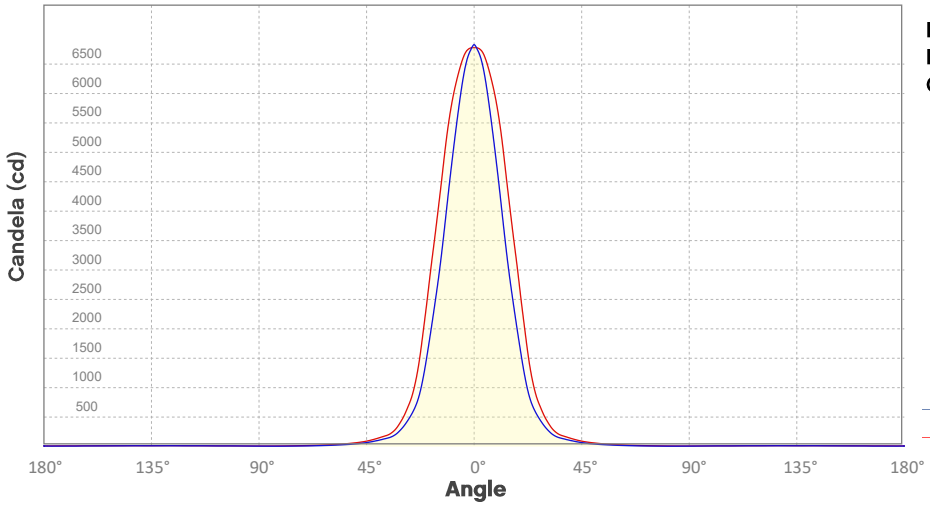
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6789	1697	754	424	272	189	139	106	84	68
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	56	47	40	35	30	27	23	21	19	17
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	631	158	70	39	25	18	13	10	8	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	4	3	3	2	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

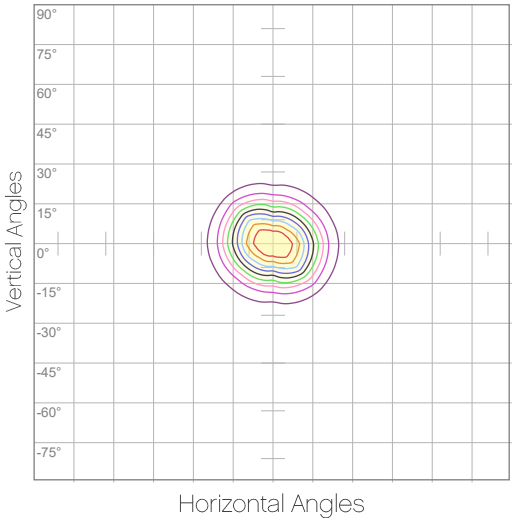
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 52.8°
Cutoff Angle (3%): 73°

Horizontal Distribution
Vertical Distribution

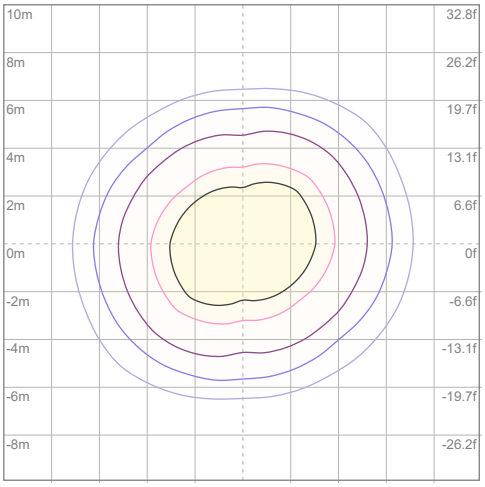
Polar Diagrams



iso-candela Diagram

10%	679 cd
20%	1358 cd
30%	2037 cd
40%	2716 cd
50%	3395 cd
60%	4074 cd
70%	4753 cd
80%	5431 cd
90%	6110 cd

Conditions:
Number of c-planes: 8
Candela at center: 6789 cd



iso-illuminance Diagram

3%	2.04 lx
5%	3.39 lx
10%	6.79 lx
30%	20.4 lx
50%	33.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 67.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Report Summary

Output

Total Lumens: 2246 lm
Peak Intensity: 6559 cd
Illuminance @ 5m: 259 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.5°
Vertical Beam Angle (50%): 27.6°
Horizontal Field Angle (10%): 55°
Vertical Field Angle (10%): 50.3°
Horizontal Cutoff Angle (3%): 74.9°
Vertical Cutoff Angle (3%): 69.9°



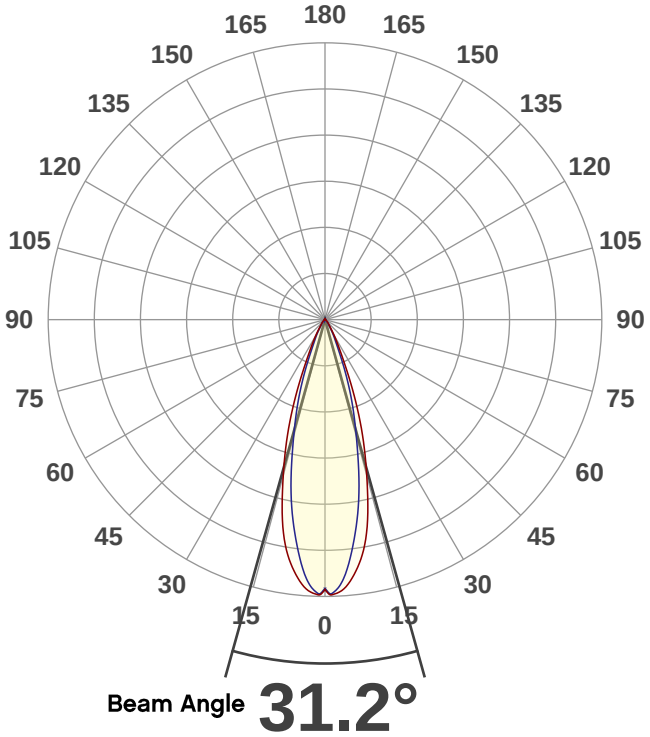
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

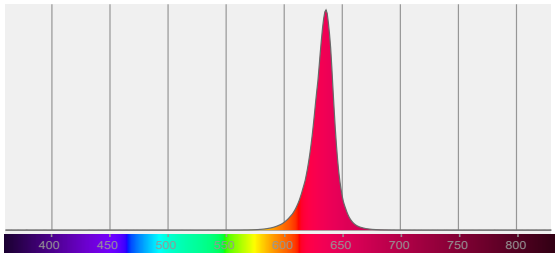
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Overall Measurement

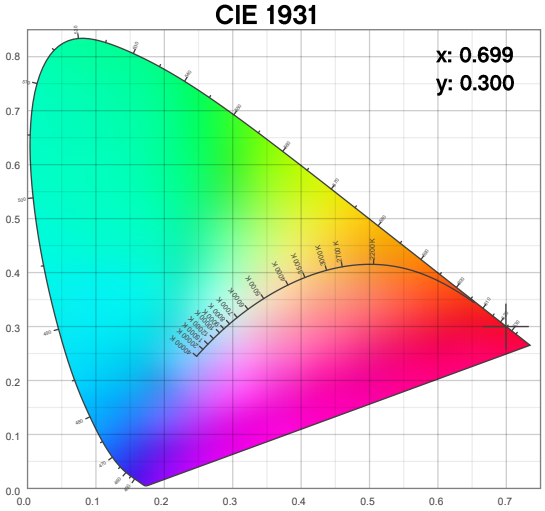
Angular Beam Distribution



Spectral Distribution



CIE 1931

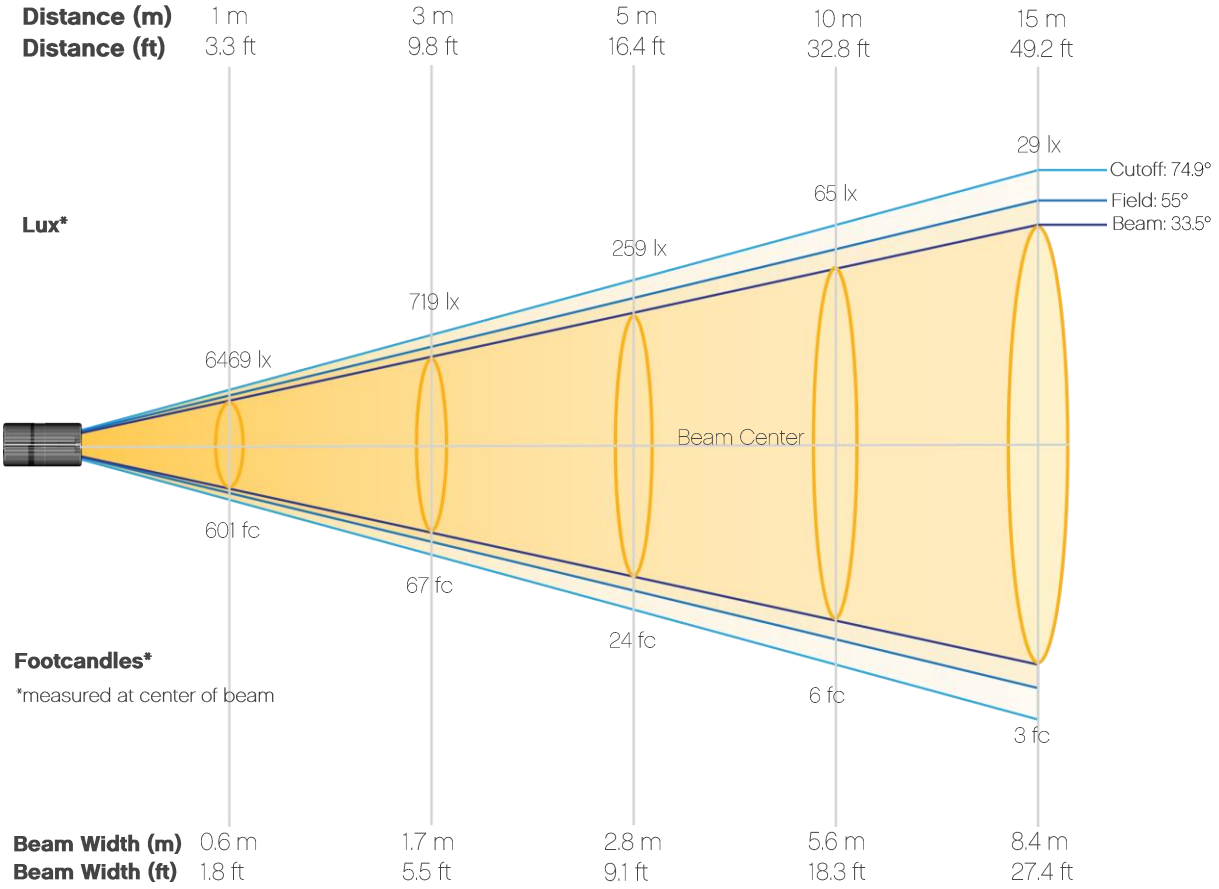


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

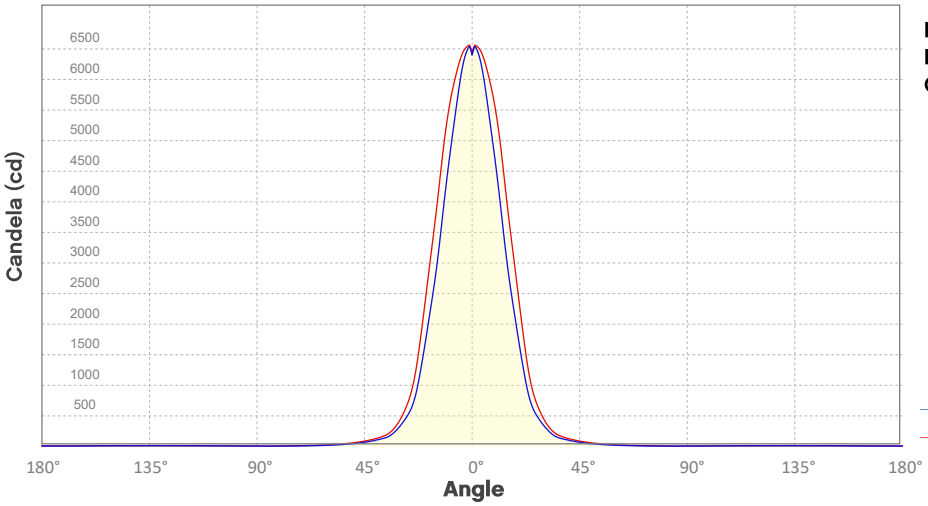
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6469	1617	719	404	259	180	132	101	80	65
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	53	45	38	33	29	25	22	20	18	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	601	150	67	38	24	17	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	4	3	3	2	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

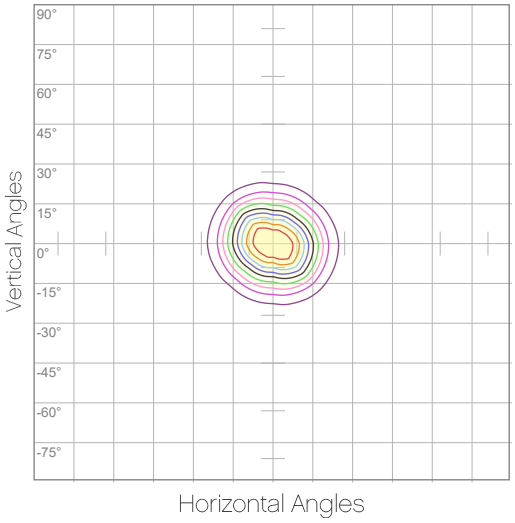
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 52.7°
Cutoff Angle (3%): 72.5°

Horizontal Distribution
Vertical Distribution

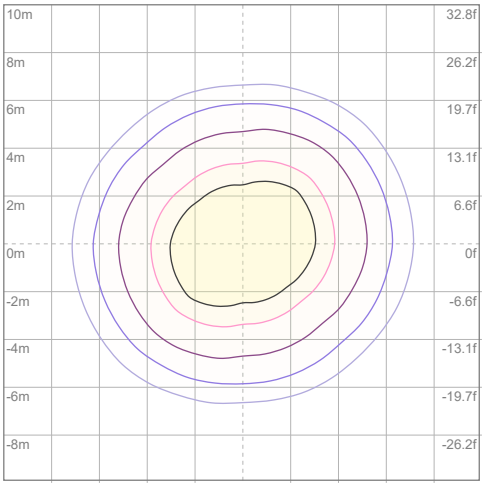
Polar Diagrams



iso-candela Diagram

	10%	647 cd
	20%	1294 cd
	30%	1941 cd
	40%	2588 cd
	50%	3235 cd
	60%	3882 cd
	70%	4529 cd
	80%	5176 cd
	90%	5822 cd

Conditions:
Number of c-planes: 8
Candela at center: 6469 cd



iso-illuminance Diagram

	3%	1.94 lx
	5%	3.23 lx
	10%	6.47 lx
	30%	19.4 lx
	50%	32.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 64.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Report Summary

Output

Total Lumens: 2230 lm
Peak Intensity: 6491 cd
Illuminance @ 5m: 260 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.2°
Vertical Beam Angle (50%): 28.4°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 51.3°
Horizontal Cutoff Angle (3%): 74.7°
Vertical Cutoff Angle (3%): 70.3°



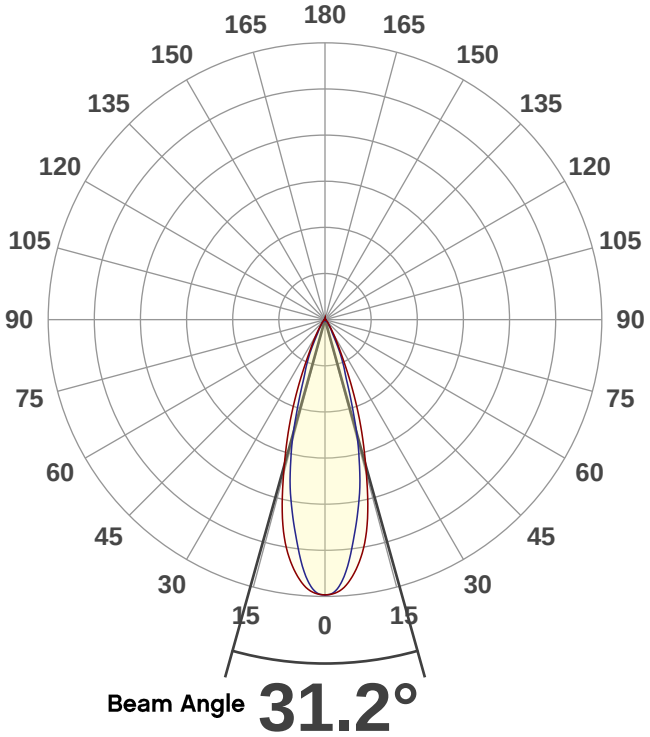
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

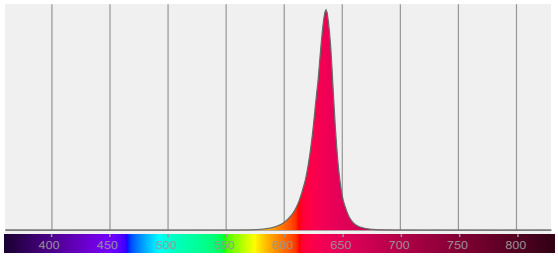
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Overall Measurement

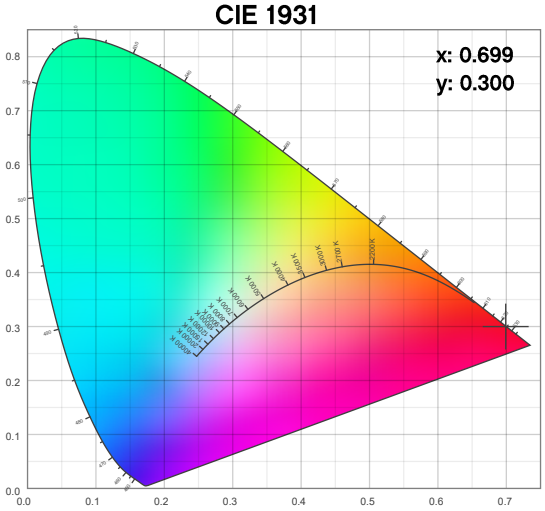
Angular Beam Distribution



Spectral Distribution



CIE 1931

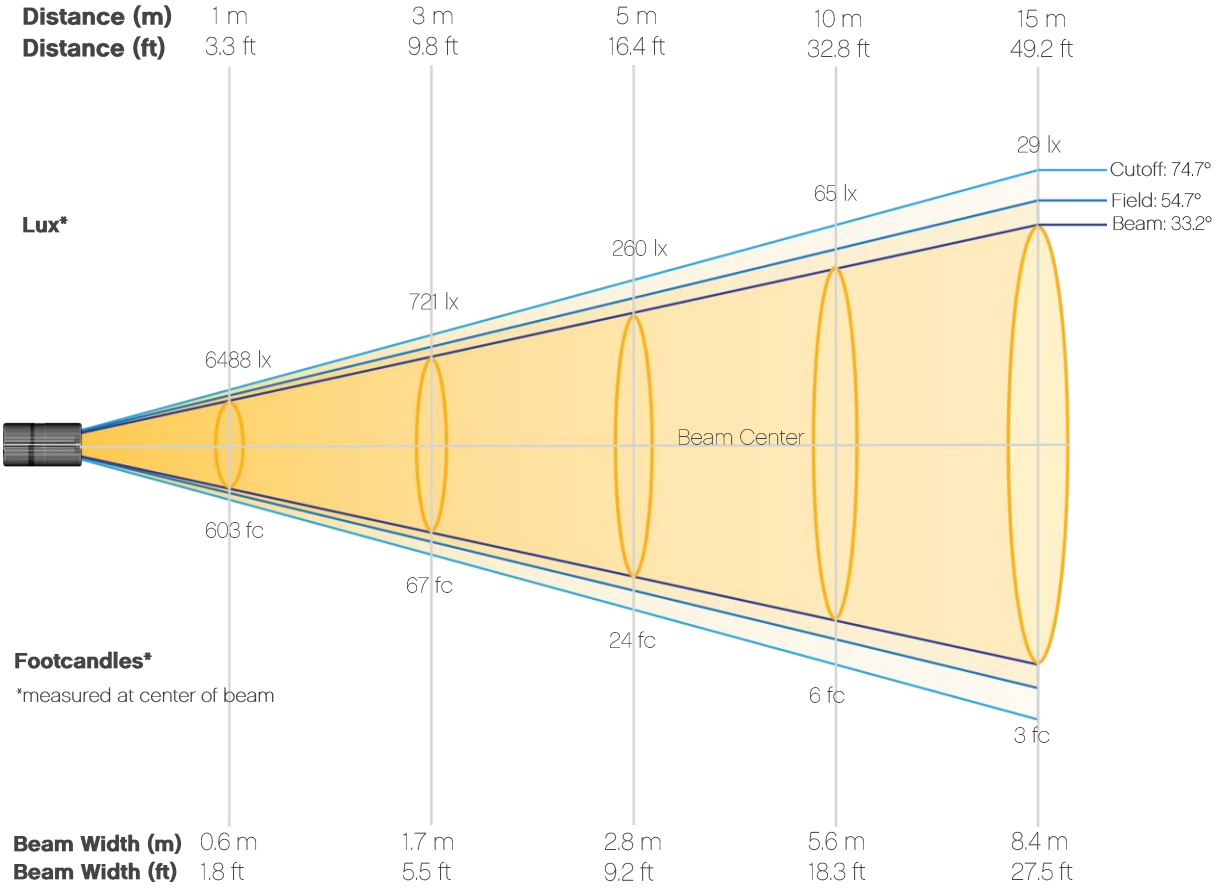


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

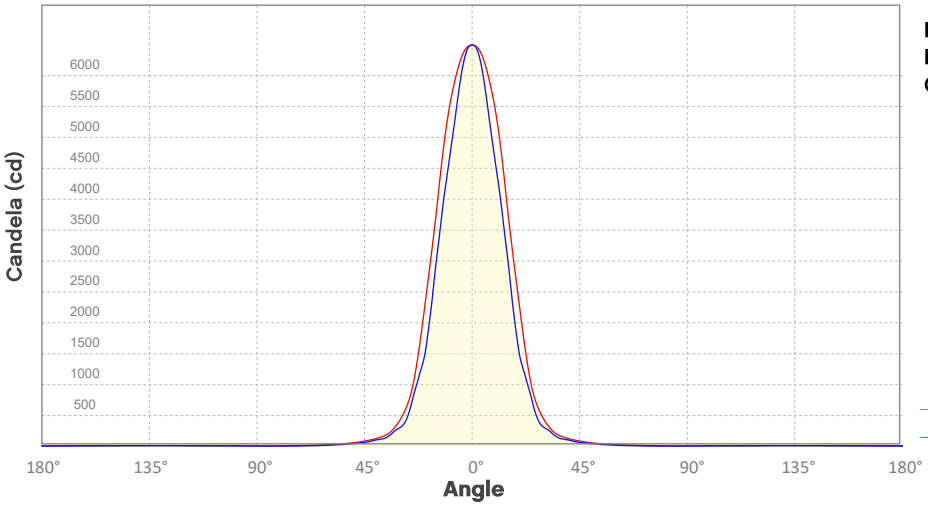
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6488	1622	721	406	260	180	132	101	80	65
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	54	45	38	33	29	25	22	20	18	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	603	151	67	38	24	17	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	4	3	3	2	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

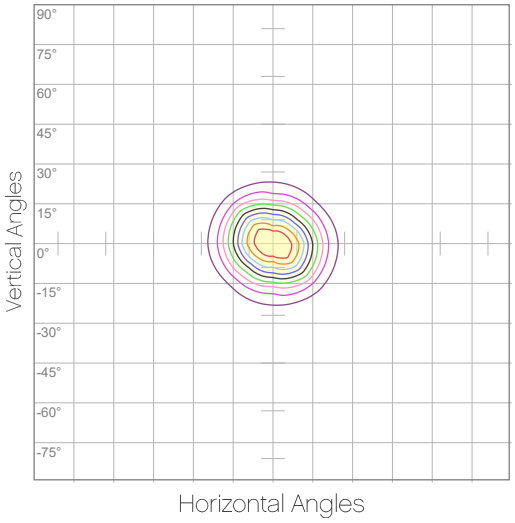
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 52.9°
Cutoff Angle (3%): 72.6°

Horizontal Distribution
Vertical Distribution

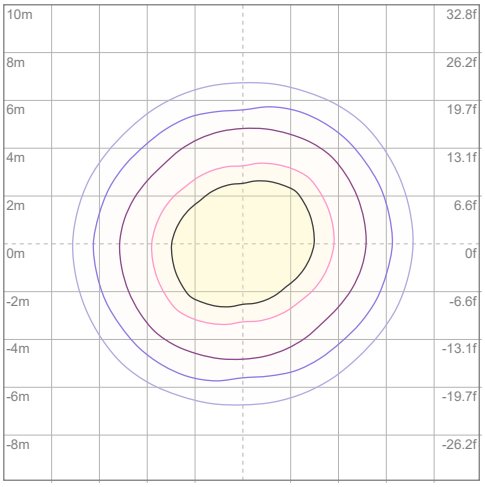
Polar Diagrams



iso-candela Diagram

10%	649 cd
20%	1298 cd
30%	1947 cd
40%	2595 cd
50%	3244 cd
60%	3893 cd
70%	4542 cd
80%	5191 cd
90%	5840 cd

Conditions:
Number of c-planes: 8
Candela at center: 6488 cd



iso-illuminance Diagram

3%	1.95 lx
5%	3.24 lx
10%	6.49 lx
30%	19.5 lx
50%	32.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 64.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Report Summary

Output

Total Lumens: 692 lm
Peak Intensity: 2355 cd
Illuminance @ 5m: 84 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.5°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 54.7°
Vertical Field Angle (10%): 47.7°
Horizontal Cutoff Angle (3%): 75.2°
Vertical Cutoff Angle (3%): 67.3°



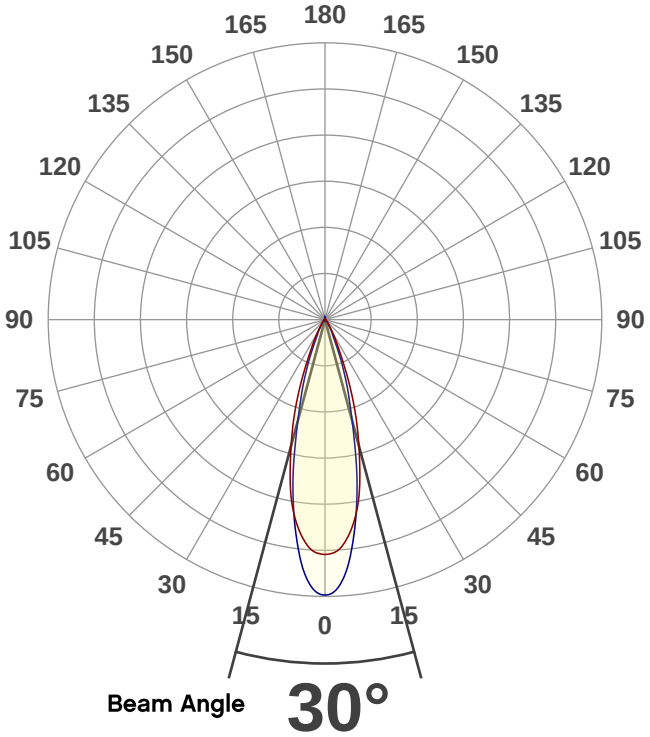
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

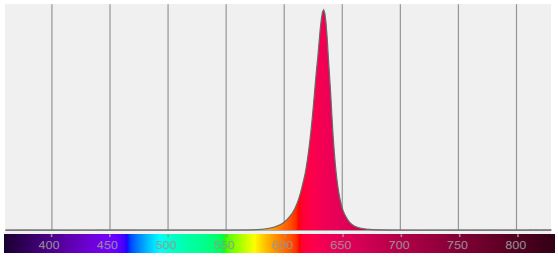
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Overall Measurement

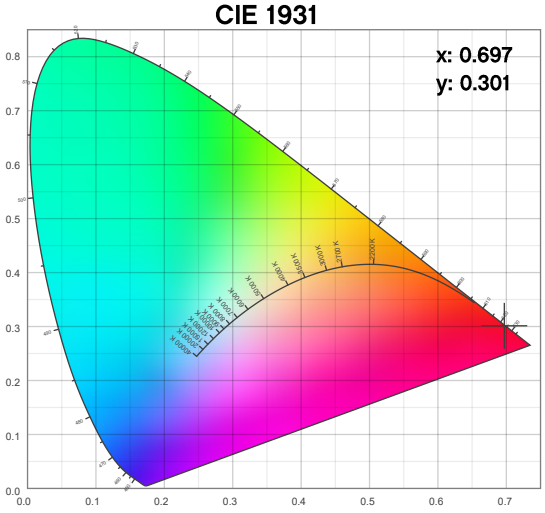
Angular Beam Distribution



Spectral Distribution



CIE 1931

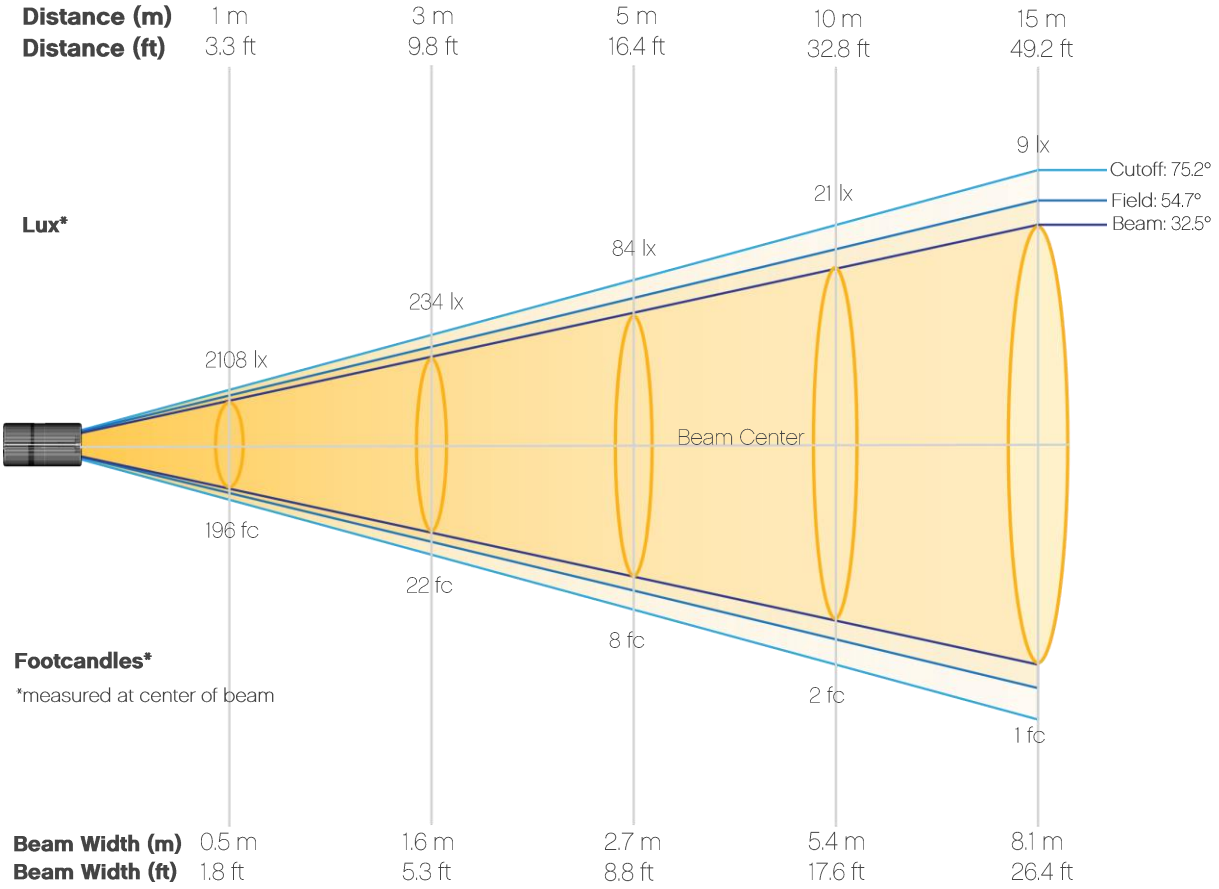


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

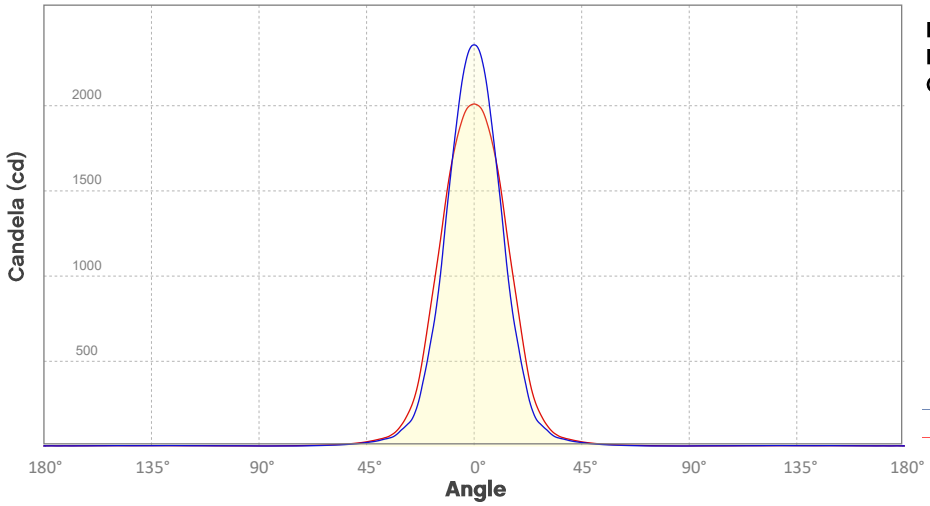
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2108	527	234	132	84	59	43	33	26	21
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	17	15	12	11	9	8	7	7	6	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	196	49	22	12	8	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

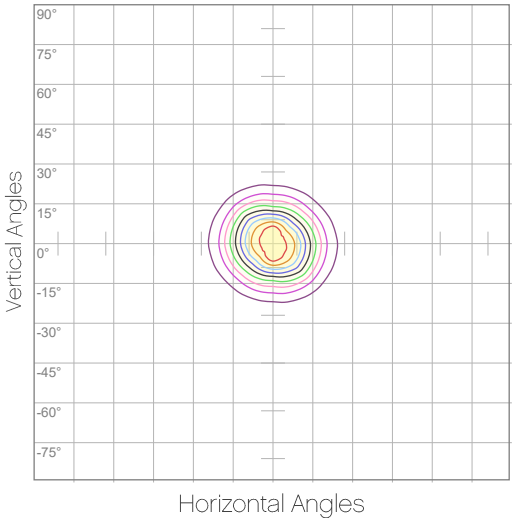
Candela Plot



Beam Angle (50%): 30°
Field Angle (10%): 51.7°
Cutoff Angle (3%): 71.9°

Horizontal Distribution
Vertical Distribution

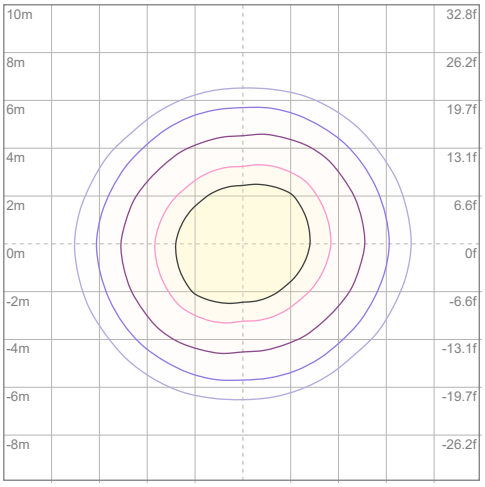
Polar Diagrams



iso-candela Diagram

10%	211 cd
20%	422 cd
30%	632 cd
40%	843 cd
50%	1054 cd
60%	1265 cd
70%	1475 cd
80%	1686 cd
90%	1897 cd

Conditions:
Number of c-planes: 8
Candela at center: 2108 cd



iso-illuminance Diagram

3%	0.632 lx
5%	1.05 lx
10%	2.11 lx
30%	6.32 lx
50%	10.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 21.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Report Summary

Output

Total Lumens: 467 lm
Peak Intensity: 1480 cd
Illuminance @ 5m: 54 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.5°
Vertical Beam Angle (50%): 27.6°
Horizontal Field Angle (10%): 54.9°
Vertical Field Angle (10%): 50.6°
Horizontal Cutoff Angle (3%): 75.4°
Vertical Cutoff Angle (3%): 71.1°



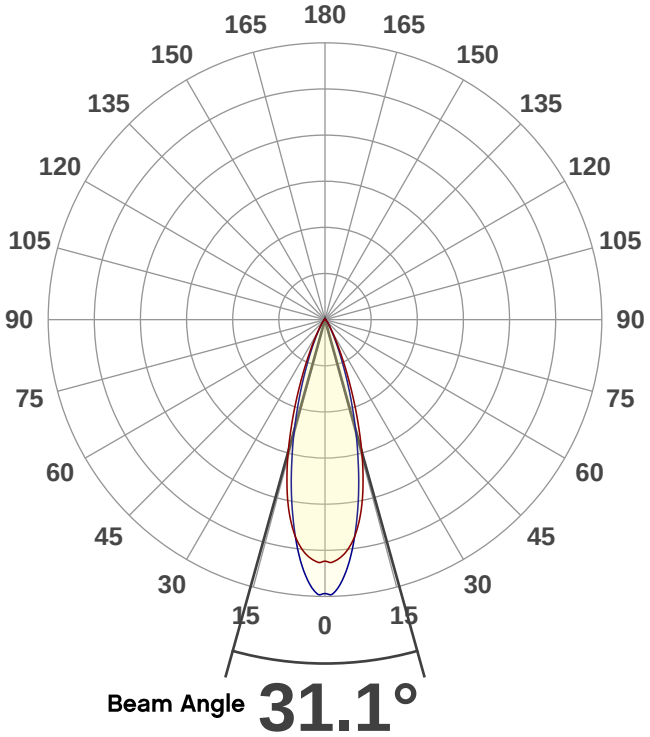
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

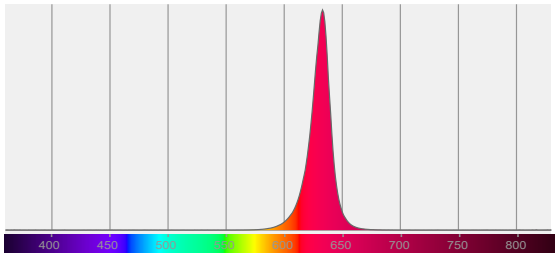
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Overall Measurement

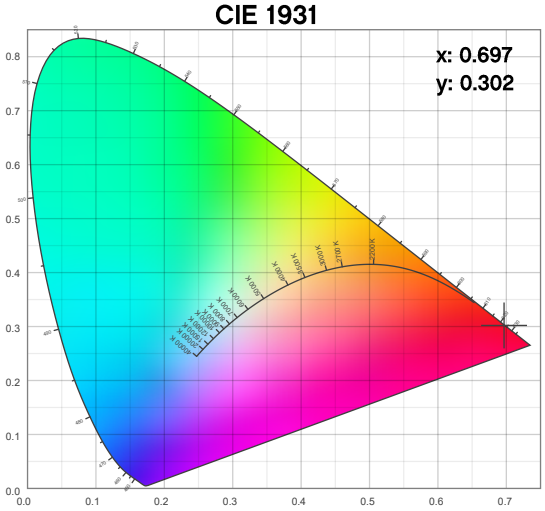
Angular Beam Distribution



Spectral Distribution



CIE 1931

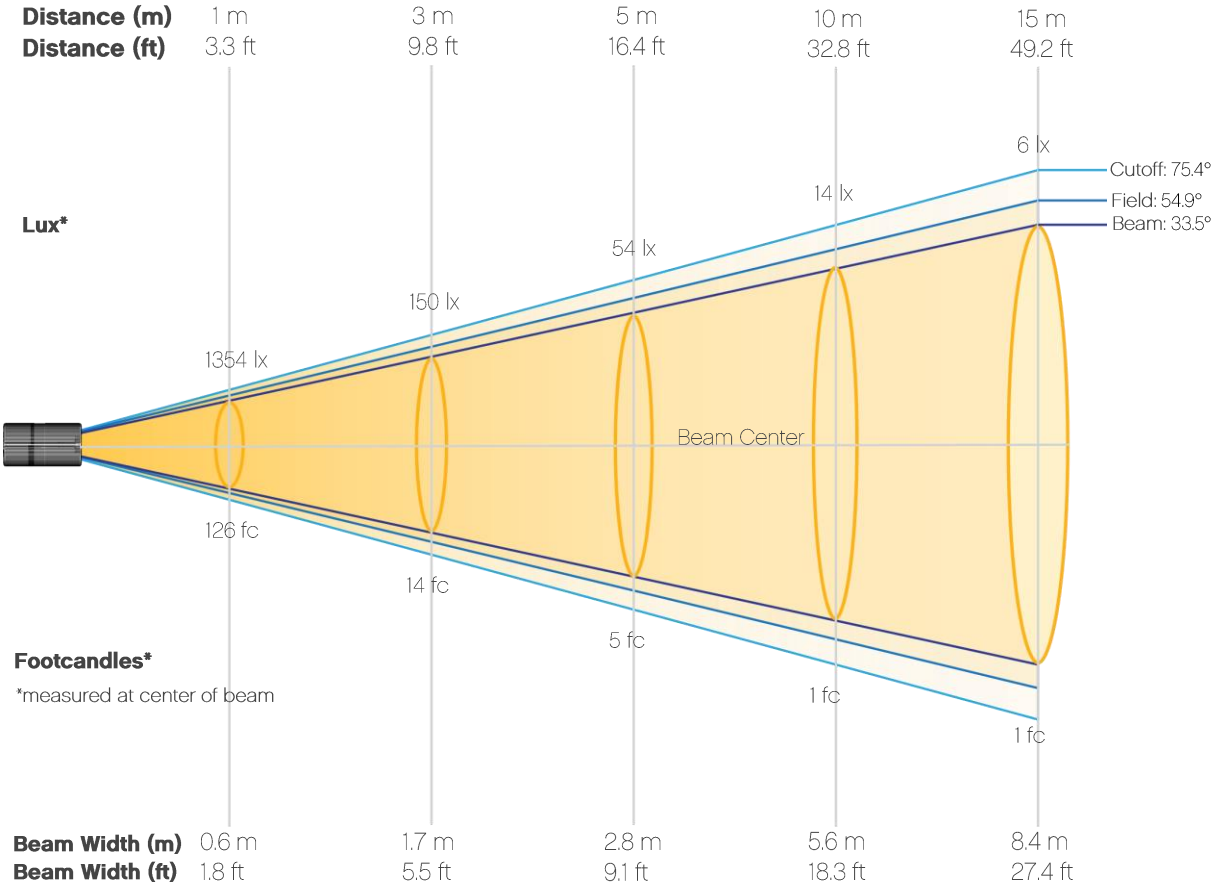


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

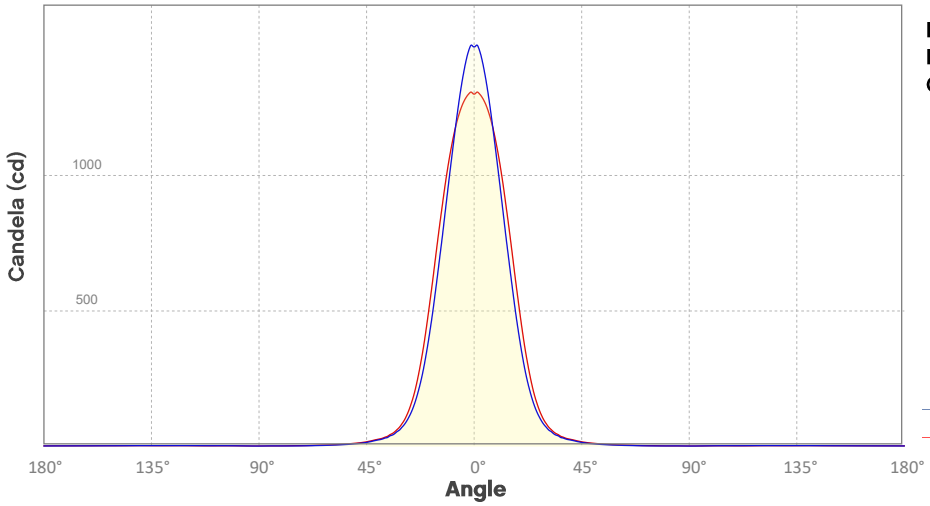
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1354	339	150	85	54	38	28	21	17	14
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	11	9	8	7	6	5	5	4	4	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	126	31	14	8	5	3	3	2	2	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Red Only

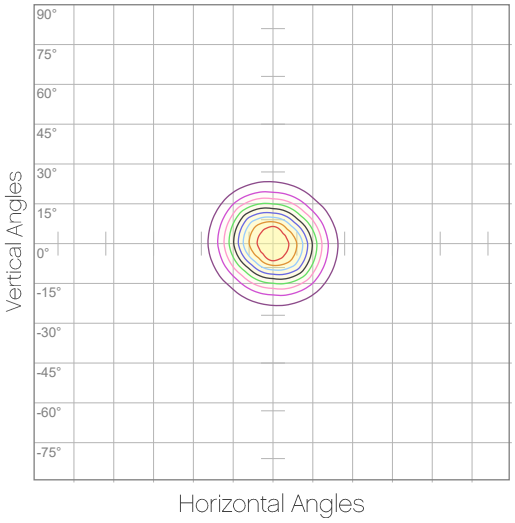
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 52.9°
Cutoff Angle (3%): 73.4°

Horizontal Distribution
Vertical Distribution

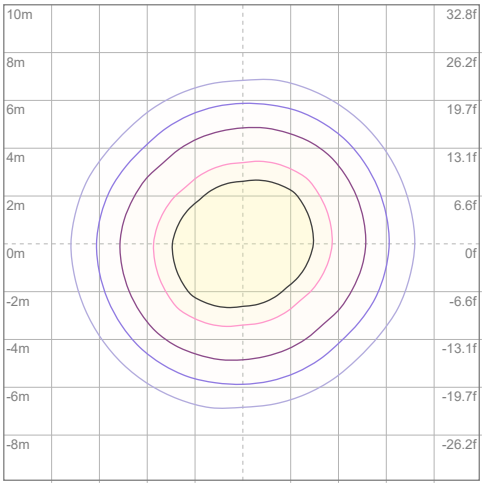
Polar Diagrams



iso-candela Diagram

10%	135 cd
20%	271 cd
30%	406 cd
40%	542 cd
50%	677 cd
60%	813 cd
70%	948 cd
80%	1083 cd
90%	1219 cd

Conditions:
Number of c-planes: 8
Candela at center: 1354 cd



iso-illuminance Diagram

3%	0.406 lx
5%	0.677 lx
10%	1.35 lx
30%	4.06 lx
50%	6.77 lx

Conditions:
Number of c-planes: 8
Lux at center: 13.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Report Summary

Output

Total Lumens: 4693 lm
Peak Intensity: 15776 cd
Illuminance @ 5m: 630 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 30.1°
Vertical Beam Angle (50%): 24.4°
Horizontal Field Angle (10%): 56.3°
Vertical Field Angle (10%): 44.7°
Horizontal Cutoff Angle (3%): 77.4°
Vertical Cutoff Angle (3%): 64.8°



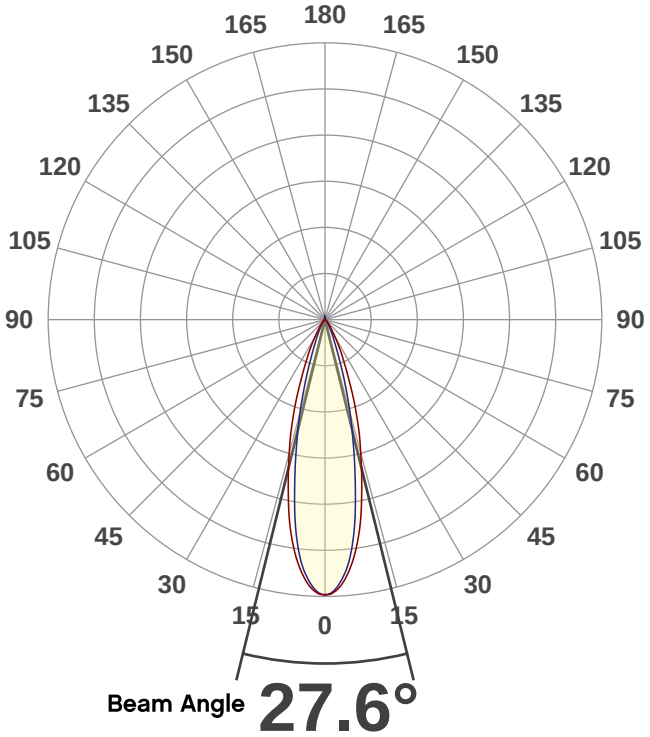
Conditions

AC Supply: 119 V, 60 Hz
Power: 386.22 W
Current: 3.23 A
Power Factor: 1.0

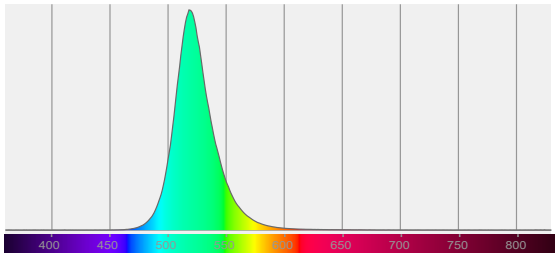
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Overall Measurement

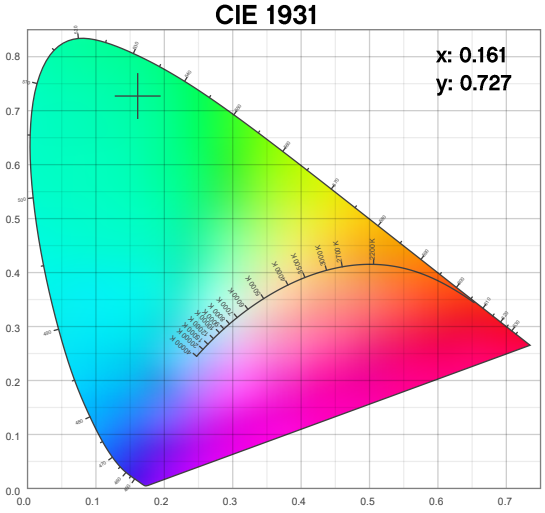
Angular Beam Distribution



Spectral Distribution



CIE 1931

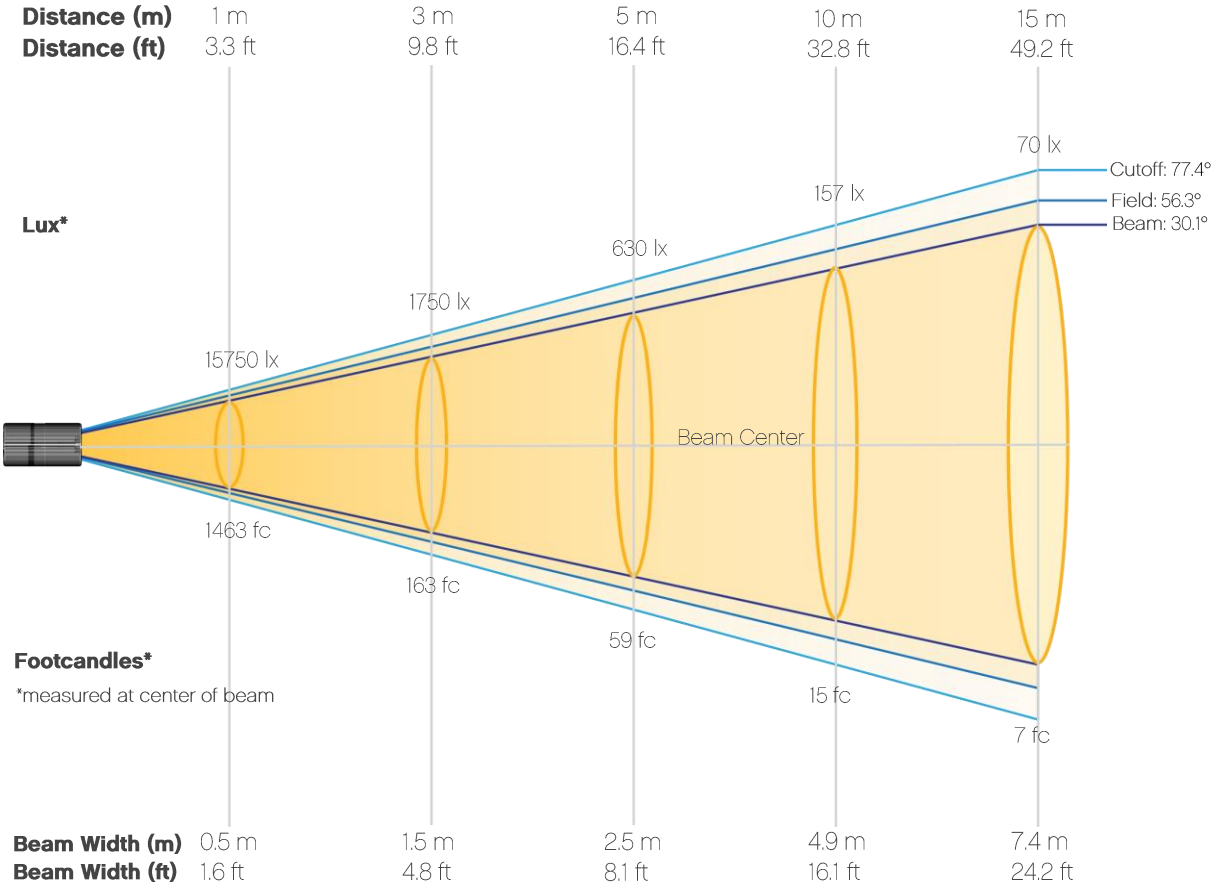


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

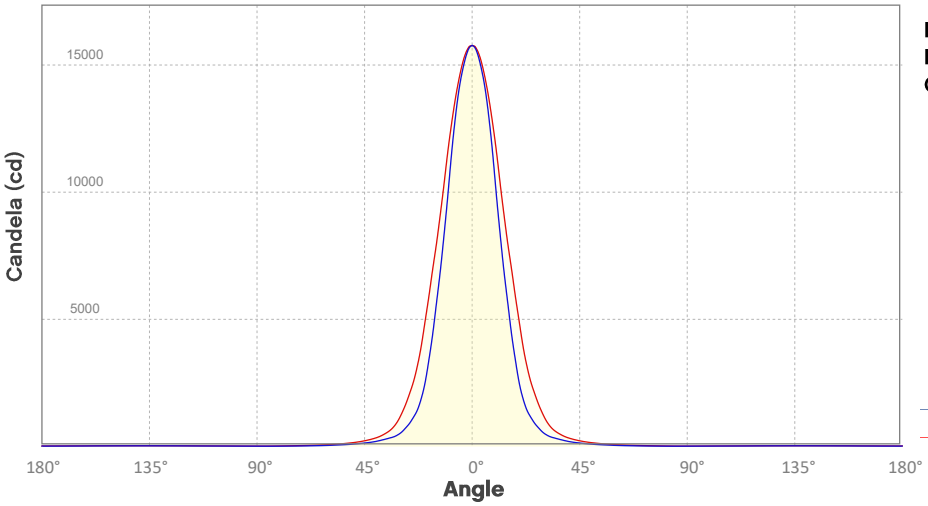
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15750	3937	1750	984	630	437	321	246	194	157
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	130	109	93	80	70	62	54	49	44	39
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1463	366	163	91	59	41	30	23	18	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	7	7	6	5	5	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

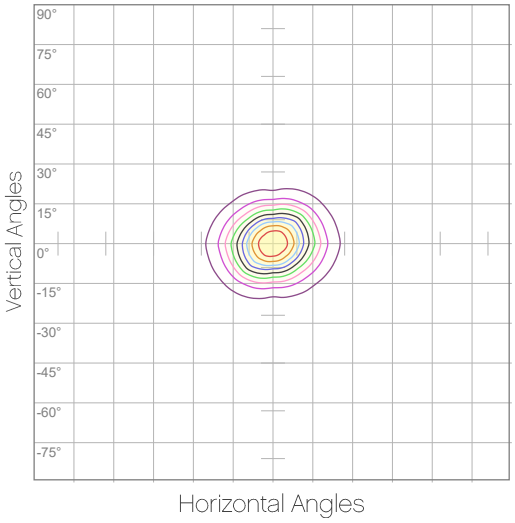
Candela Plot



Beam Angle (50%): 27.6°
Field Angle (10%): 50.7°
Cutoff Angle (3%): 71.8°

Horizontal Distribution
Vertical Distribution

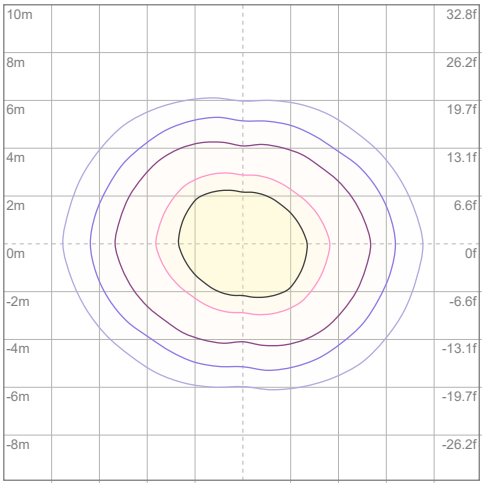
Polar Diagrams



iso-candela Diagram

10%	1575 cd
20%	3150 cd
30%	4725 cd
40%	6300 cd
50%	7875 cd
60%	9450 cd
70%	11025 cd
80%	12600 cd
90%	14175 cd

Conditions:
Number of c-planes: 8
Candela at center: 15750 cd



iso-illuminance Diagram

3%	4.72 lx
5%	7.87 lx
10%	15.7 lx
30%	47.2 lx
50%	78.7 lx

Conditions:
Number of c-planes: 8
Lux at center: 157 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Report Summary

Output

Total Lumens: 4298 lm
Peak Intensity: 12082 cd
Illuminance @ 5m: 482 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.9°
Vertical Beam Angle (50%): 28.9°
Horizontal Field Angle (10%): 55.9°
Vertical Field Angle (10%): 52.6°
Horizontal Cutoff Angle (3%): 76.6°
Vertical Cutoff Angle (3%): 72°



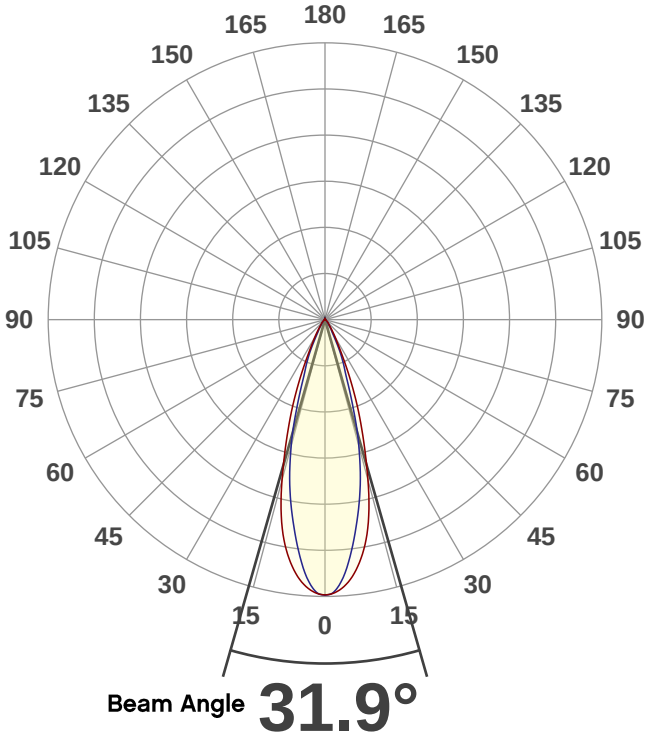
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

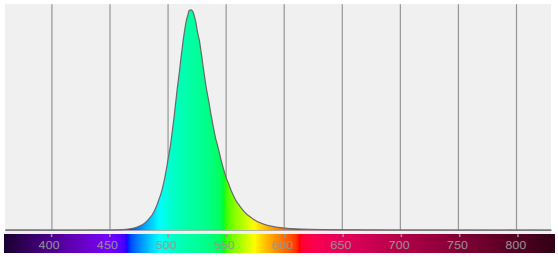
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Overall Measurement

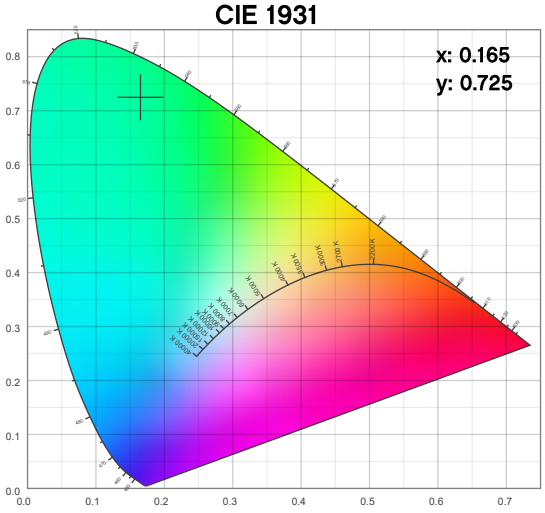
Angular Beam Distribution



Spectral Distribution



CIE 1931

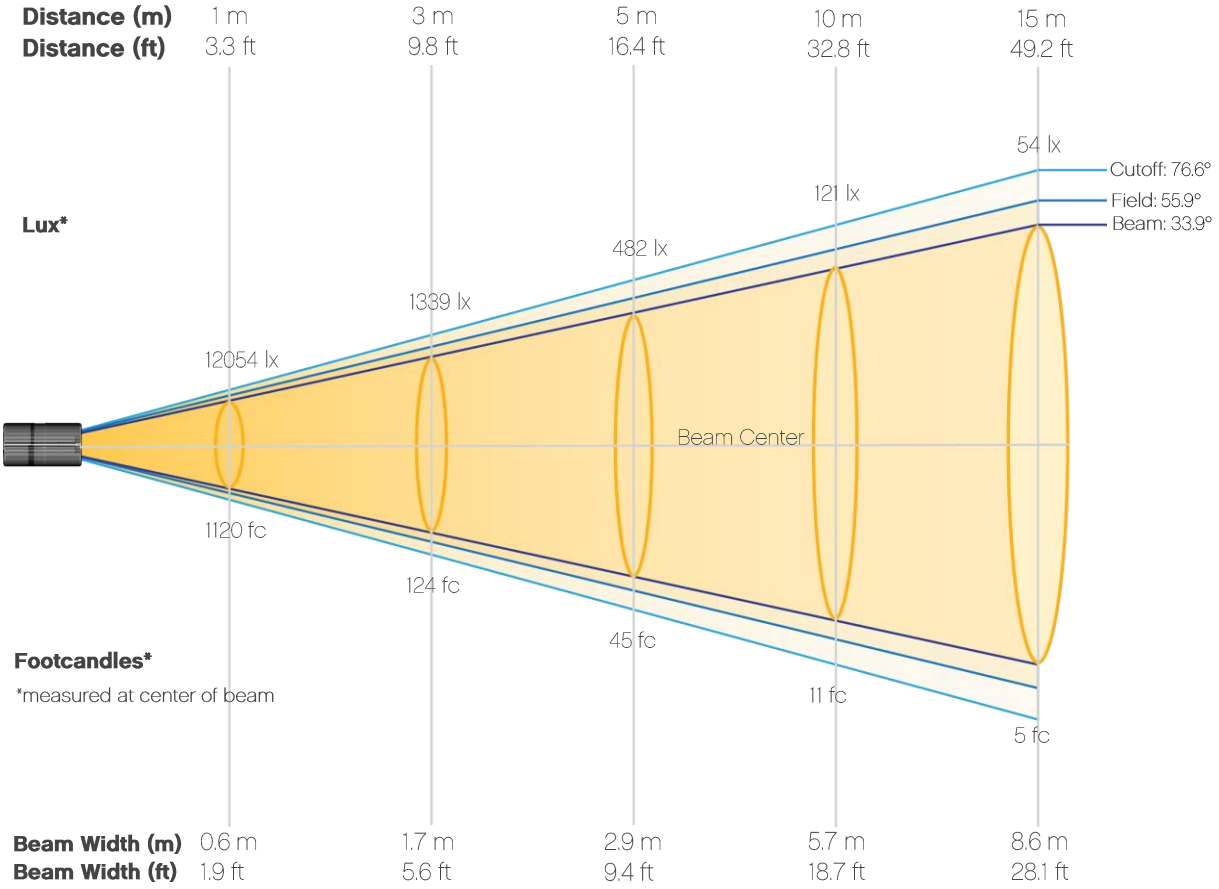


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

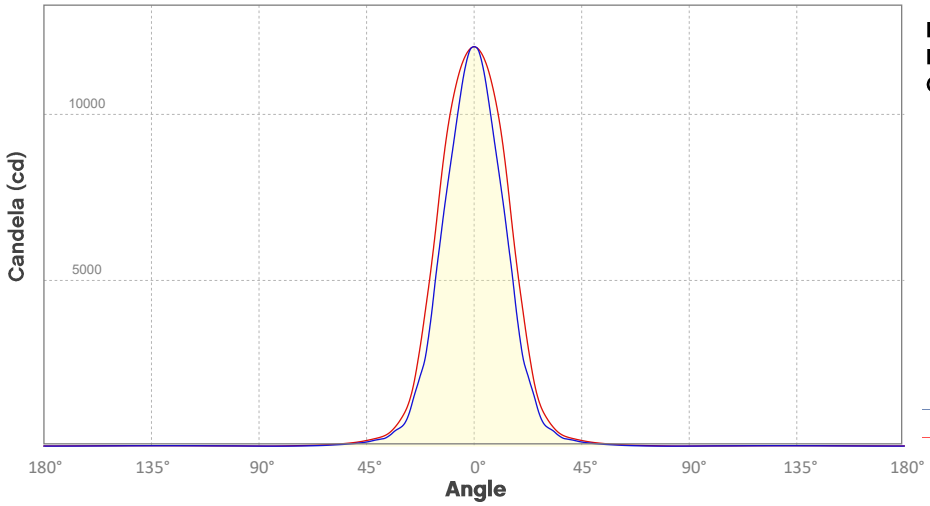
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12054	3013	1339	753	482	335	246	188	149	121
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	100	84	71	61	54	47	42	37	33	30
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1120	280	124	70	45	31	23	17	14	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	7	6	5	4	4	3	3	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

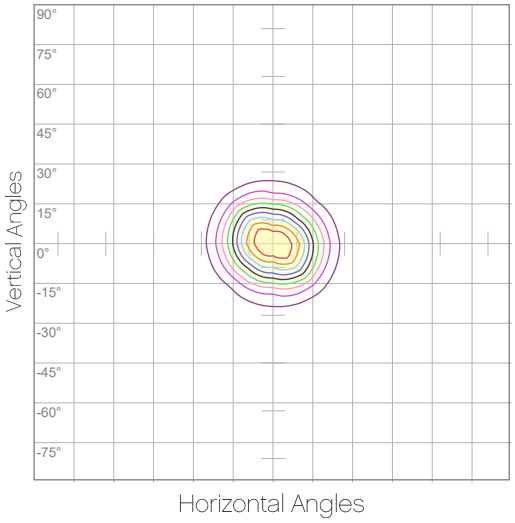
Candela Plot



Beam Angle (50%): 31.9°
Field Angle (10%): 54.2°
Cutoff Angle (3%): 74.4°

Horizontal Distribution
Vertical Distribution

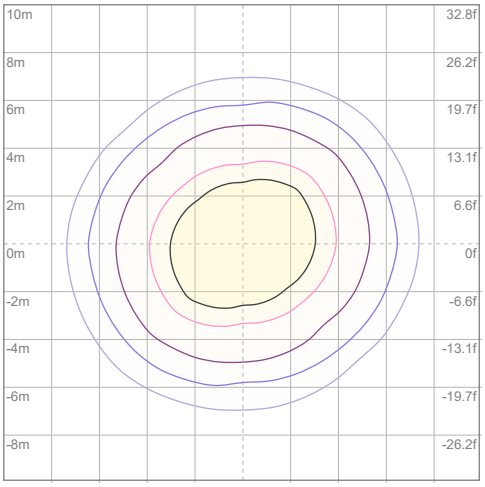
Polar Diagrams



iso-candela Diagram

10%	1205 cd
20%	2411 cd
30%	3616 cd
40%	4821 cd
50%	6027 cd
60%	7232 cd
70%	8438 cd
80%	9643 cd
90%	10848 cd

Conditions:
Number of c-planes: 8
Candela at center: 12054 cd



iso-illuminance Diagram

3%	3.62 lx
5%	6.03 lx
10%	12.1 lx
30%	36.2 lx
50%	60.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 121 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Report Summary

Output

Total Lumens: 2154 lm
Peak Intensity: 6460 cd
Illuminance @ 5m: 257 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.6°
Vertical Beam Angle (50%): 26.3°
Horizontal Field Angle (10%): 55.5°
Vertical Field Angle (10%): 48.6°
Horizontal Cutoff Angle (3%): 76.7°
Vertical Cutoff Angle (3%): 68.3°



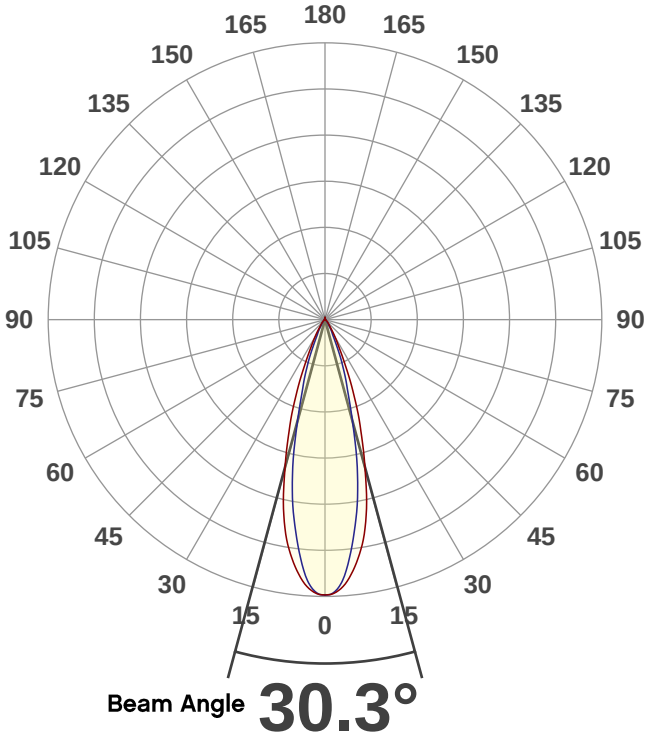
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

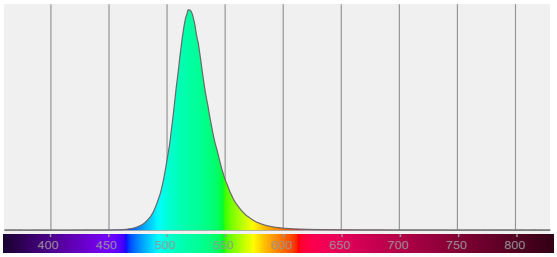
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Overall Measurement

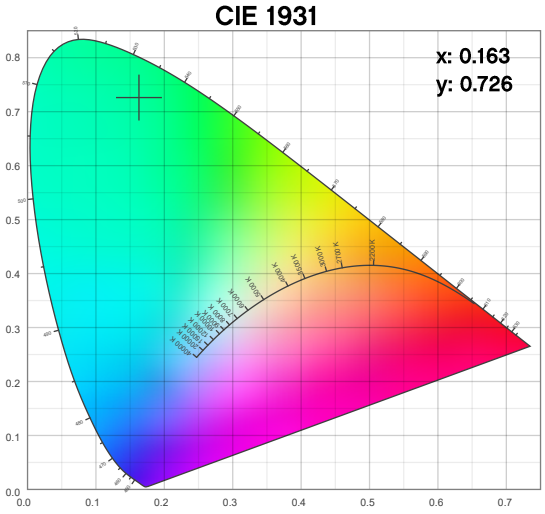
Angular Beam Distribution



Spectral Distribution



CIE 1931

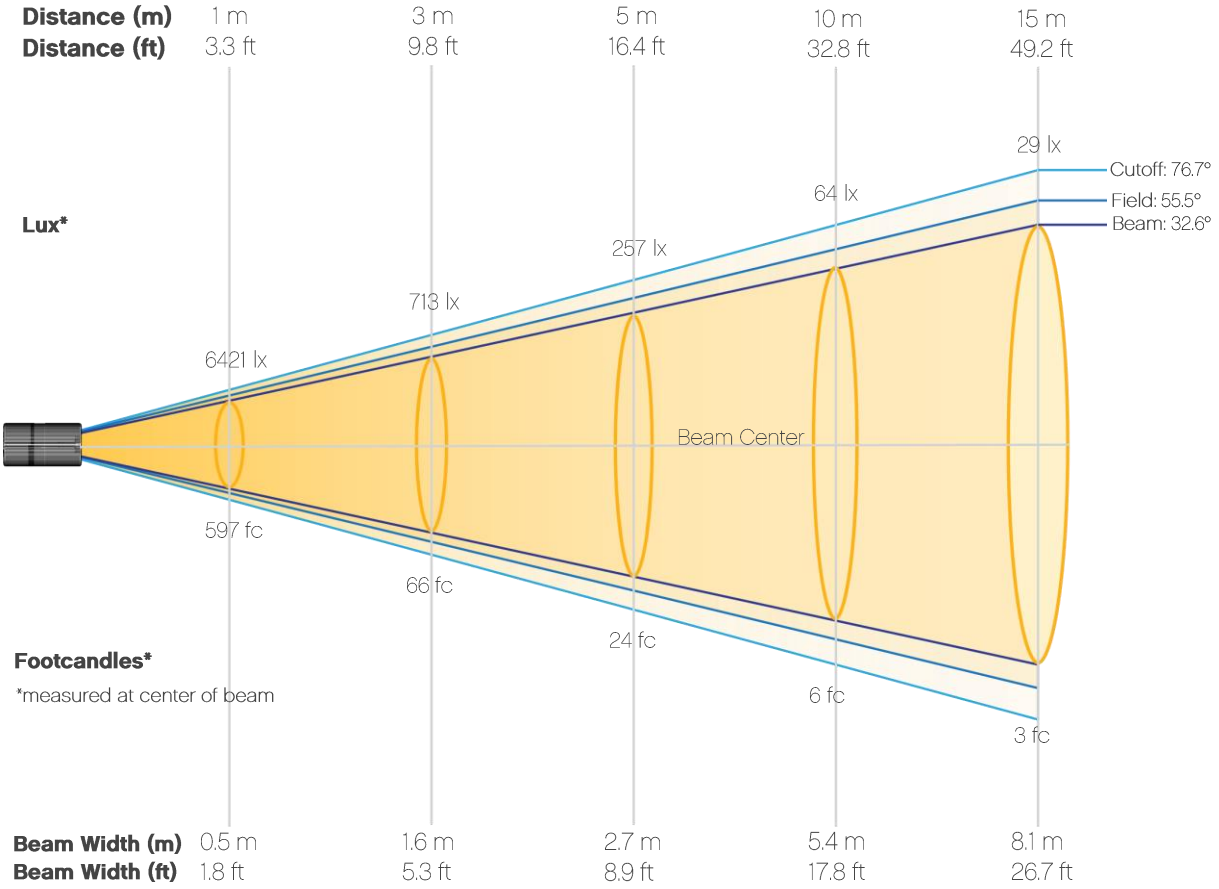


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

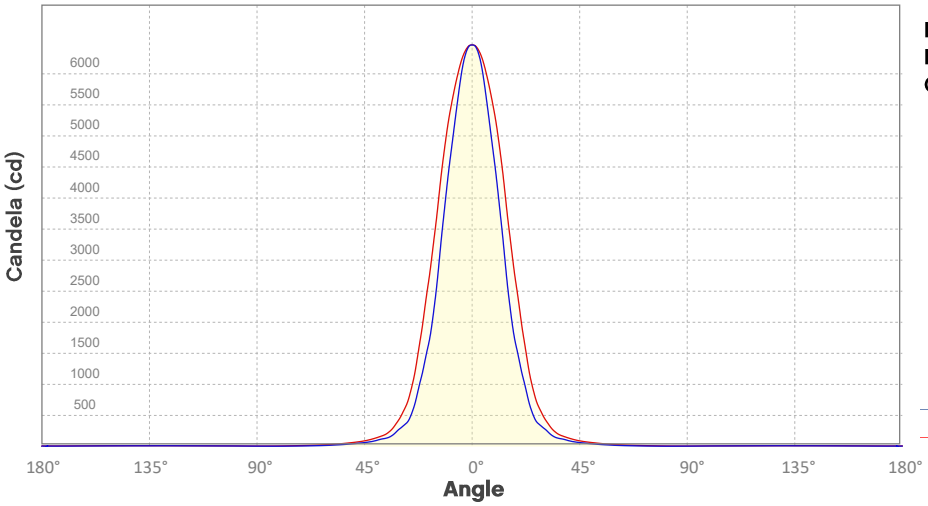
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6421	1605	713	401	257	178	131	100	79	64
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	53	45	38	33	29	25	22	20	18	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	597	149	66	37	24	17	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	4	3	3	2	2	2	2	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

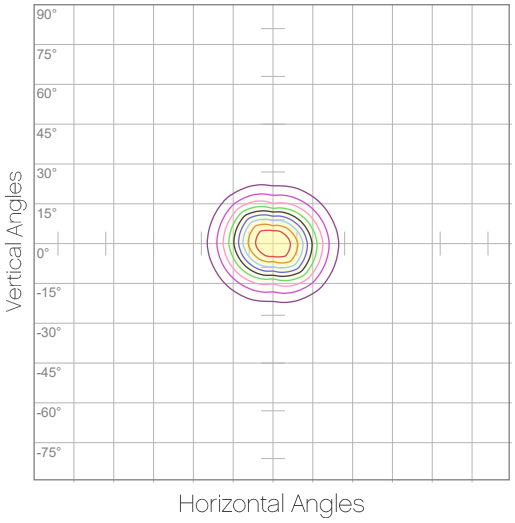
Candela Plot



Beam Angle (50%): 30.3°
Field Angle (10%): 52.6°
Cutoff Angle (3%): 73.1°

Horizontal Distribution
Vertical Distribution

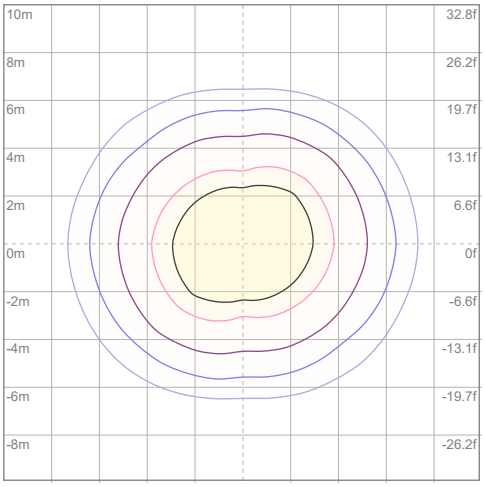
Polar Diagrams



iso-candela Diagram

	10%	642 cd
	20%	1284 cd
	30%	1926 cd
	40%	2568 cd
	50%	3210 cd
	60%	3852 cd
	70%	4494 cd
	80%	5137 cd
	90%	5779 cd

Conditions:
Number of c-planes: 8
Candela at center: 6421 cd



iso-illuminance Diagram

	3%	1.93 lx
	5%	3.21 lx
	10%	6.42 lx
	30%	19.3 lx
	50%	32.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 64.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Report Summary

Output

Total Lumens: 1400 lm
Peak Intensity: 4521 cd
Illuminance @ 5m: 161 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 34°
Vertical Beam Angle (50%): 27.4°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 51°
Horizontal Cutoff Angle (3%): 76.9°
Vertical Cutoff Angle (3%): 70.4°



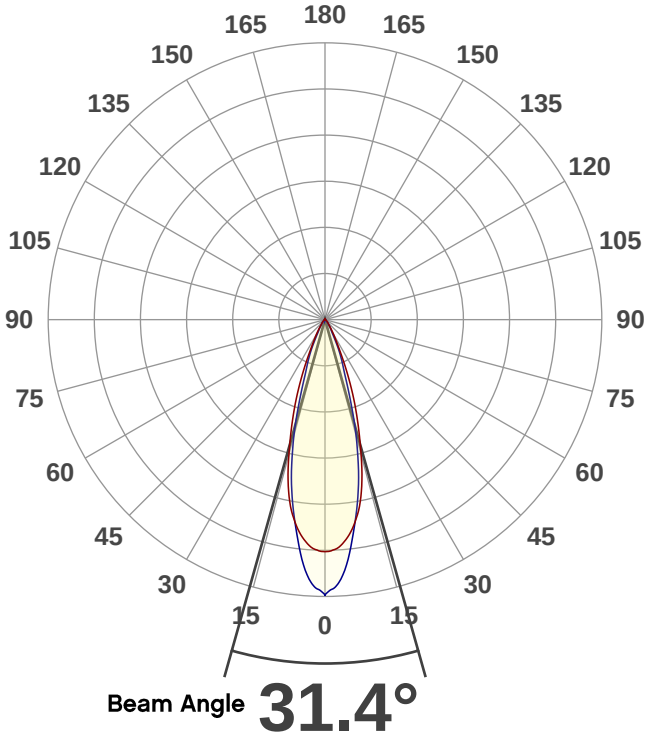
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

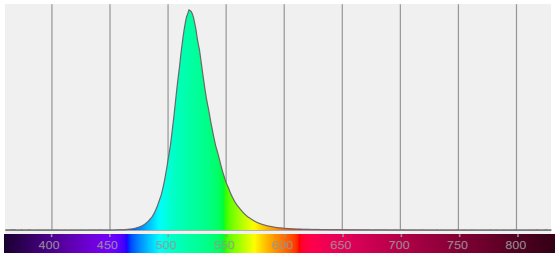
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Overall Measurement

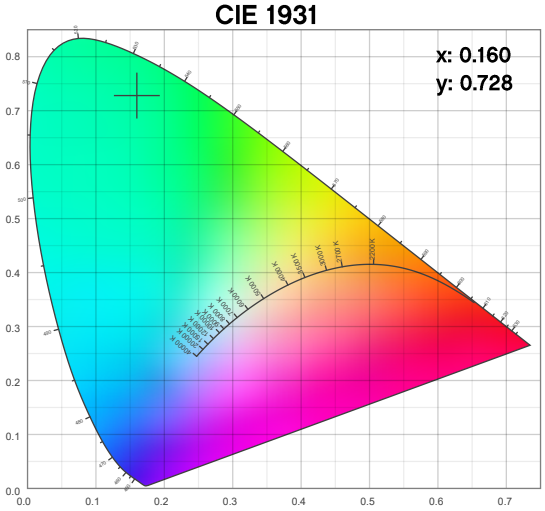
Angular Beam Distribution



Spectral Distribution



CIE 1931

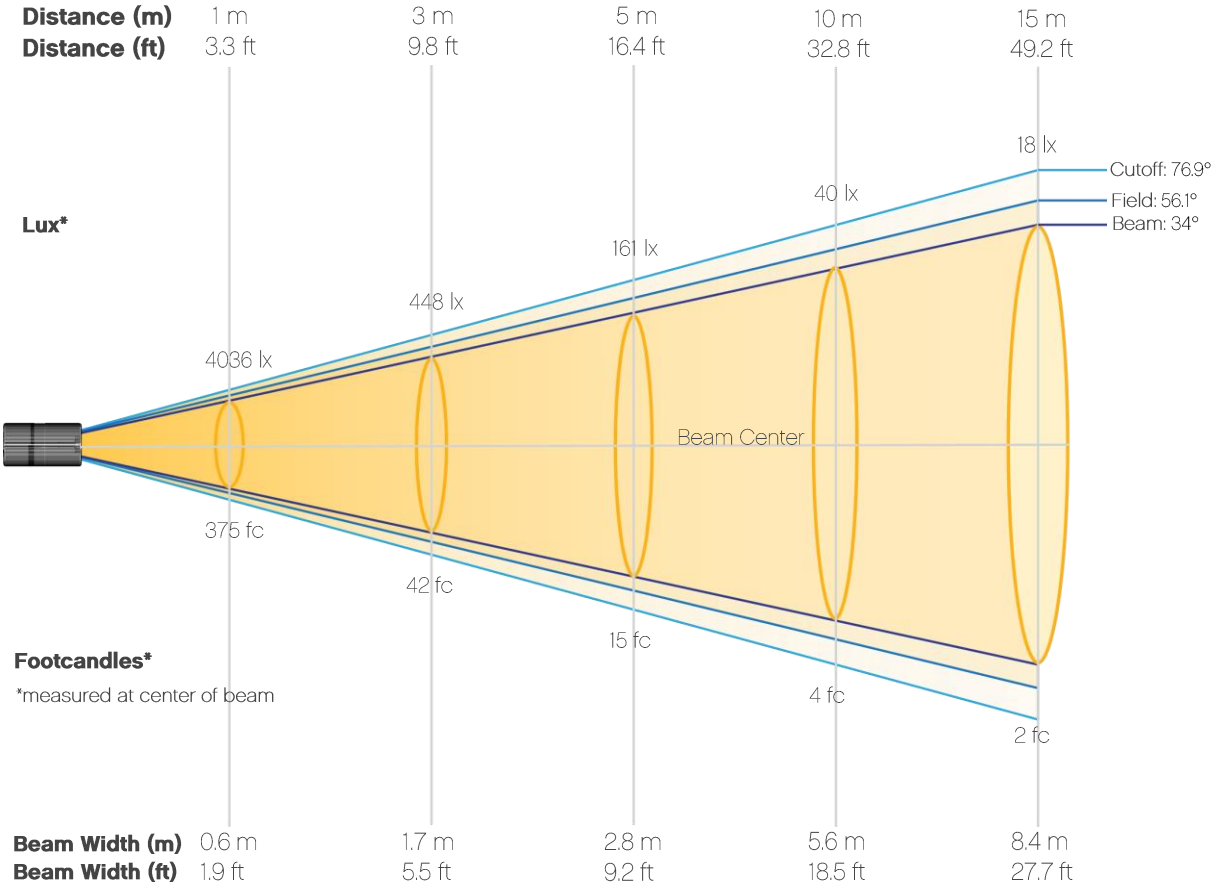


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

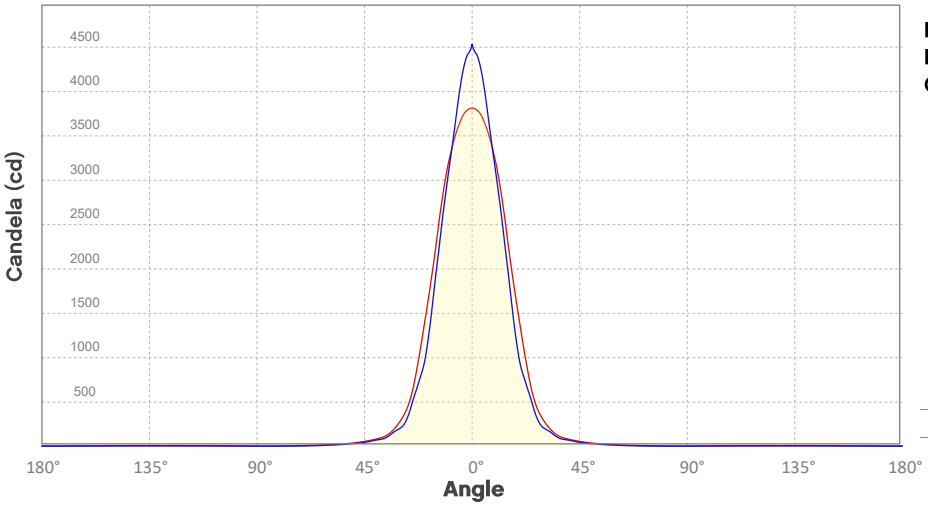
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4036	1009	448	252	161	112	82	63	50	40
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	33	28	24	21	18	16	14	12	11	10
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	375	94	42	23	15	10	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

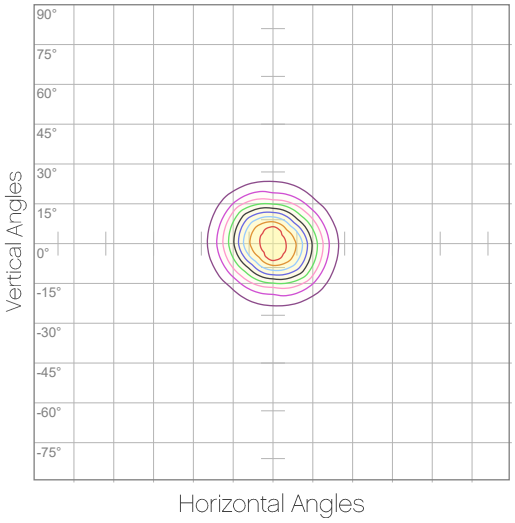
Candela Plot



Beam Angle (50%): 31.4°
Field Angle (10%): 53.8°
Cutoff Angle (3%): 74°

Horizontal Distribution
Vertical Distribution

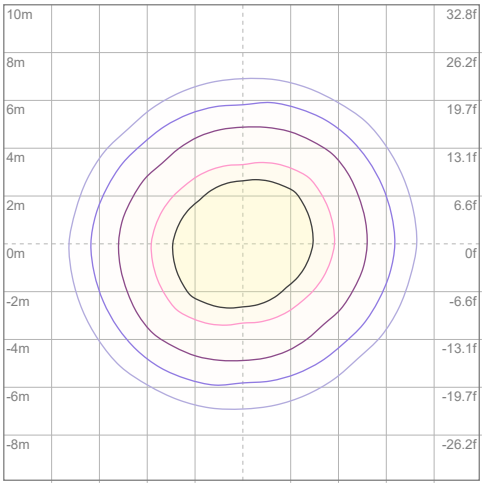
Polar Diagrams



iso-candela Diagram

10%	404 cd
20%	807 cd
30%	1211 cd
40%	1614 cd
50%	2018 cd
60%	2421 cd
70%	2825 cd
80%	3229 cd
90%	3632 cd

Conditions:
Number of c-planes: 8
Candela at center: 4036 cd



iso-illuminance Diagram

3%	1.21 lx
5%	2.02 lx
10%	4.04 lx
30%	12.1 lx
50%	20.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 40.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Report Summary

Output

Total Lumens: 908 lm
Peak Intensity: 2818 cd
Illuminance @ 5m: 104 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.7°
Vertical Beam Angle (50%): 28.1°
Horizontal Field Angle (10%): 55.8°
Vertical Field Angle (10%): 51.7°
Horizontal Cutoff Angle (3%): 77.3°
Vertical Cutoff Angle (3%): 71.2°



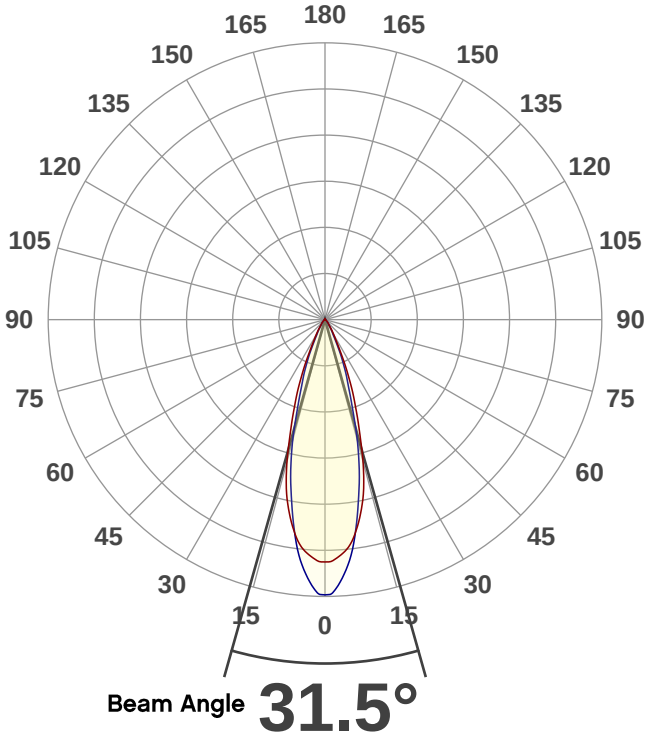
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

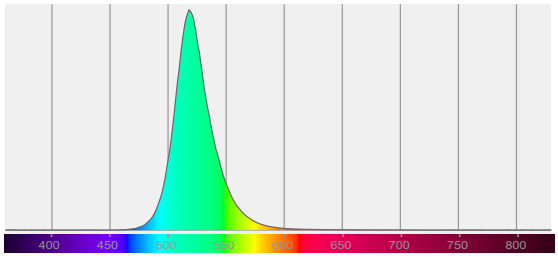
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Overall Measurement

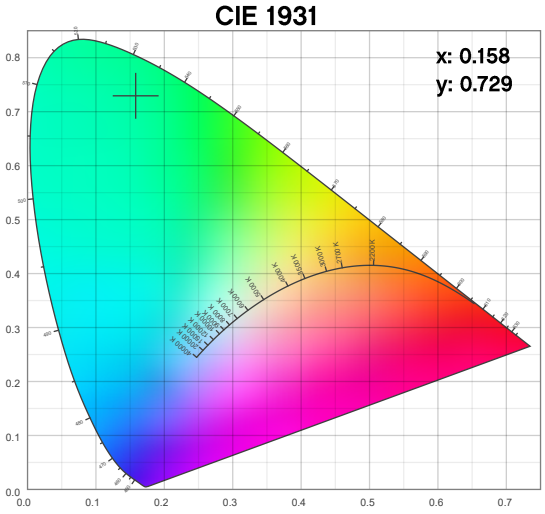
Angular Beam Distribution



Spectral Distribution



CIE 1931

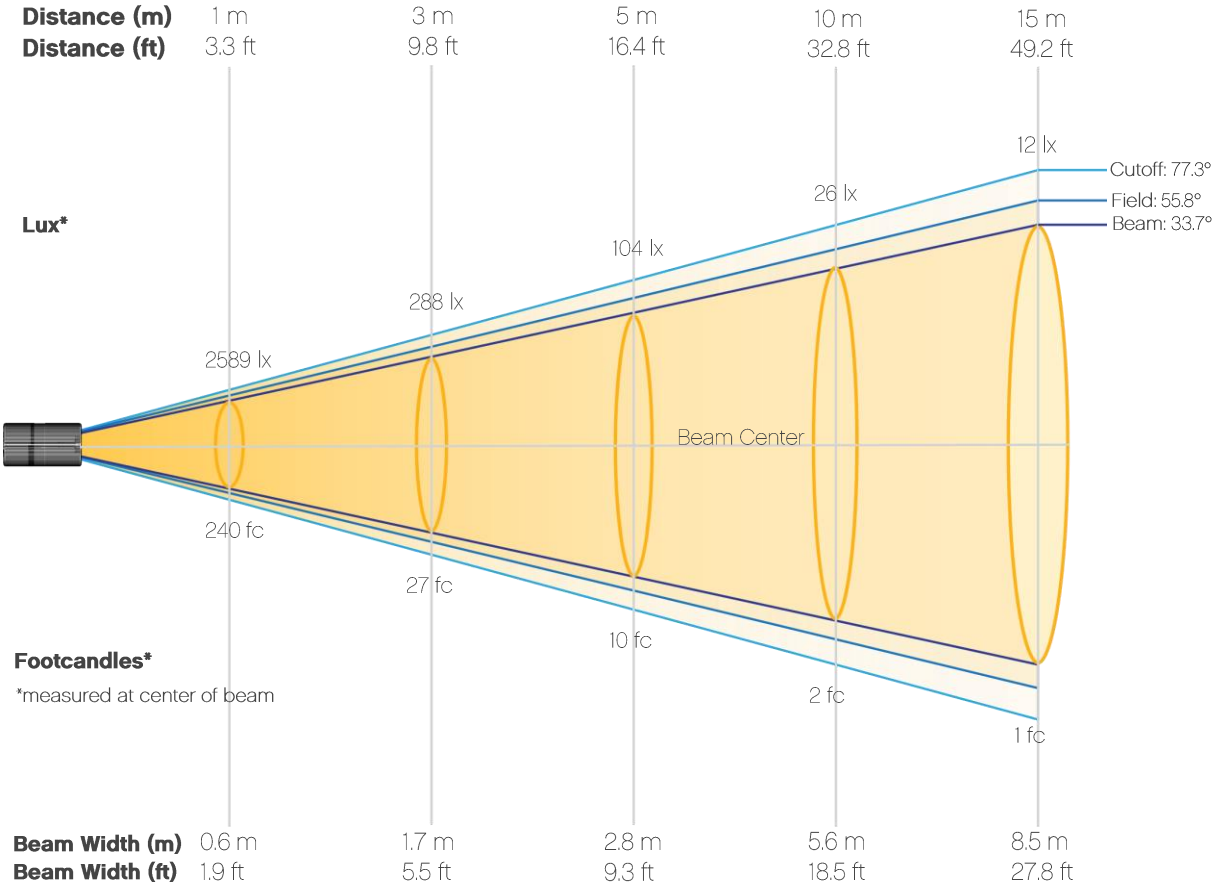


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

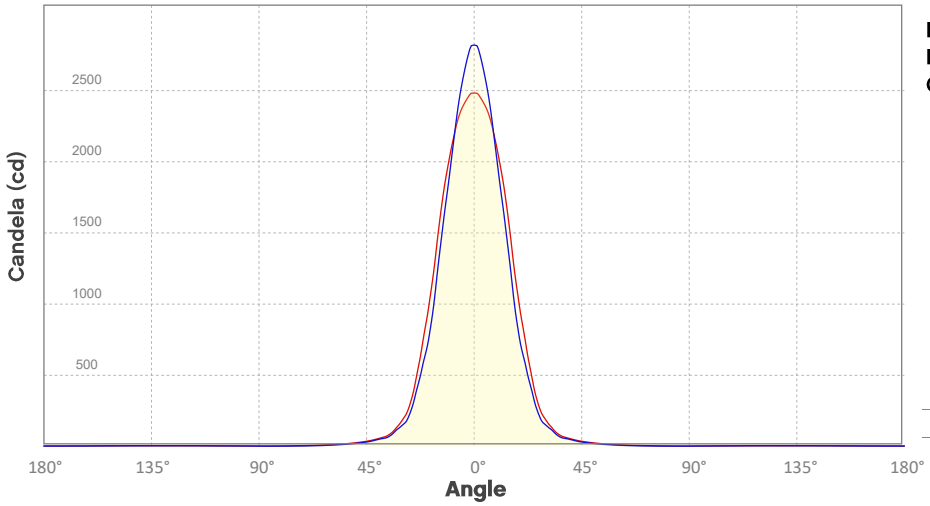
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2589	647	288	162	104	72	53	40	32	26
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	21	18	15	13	12	10	9	8	7	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	240	60	27	15	10	7	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Green Only

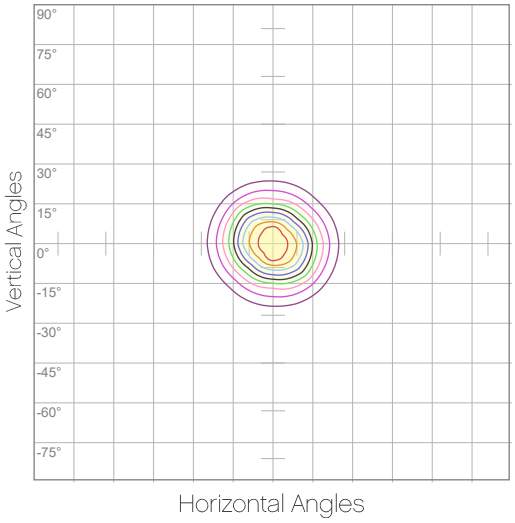
Candela Plot



Beam Angle (50%): 31.5°
Field Angle (10%): 53.8°
Cutoff Angle (3%): 74.3°

Horizontal Distribution
Vertical Distribution

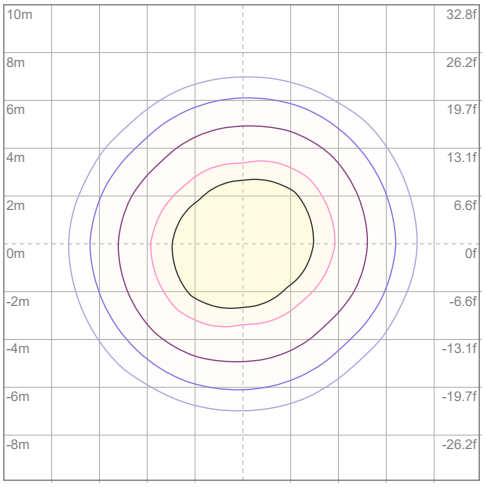
Polar Diagrams



iso-candela Diagram

10%	259 cd
20%	518 cd
30%	777 cd
40%	1035 cd
50%	1294 cd
60%	1553 cd
70%	1812 cd
80%	2071 cd
90%	2330 cd

Conditions:
Number of c-planes: 8
Candela at center: 2589 cd



iso-illuminance Diagram

3%	0.777 lx
5%	1.29 lx
10%	2.59 lx
30%	7.77 lx
50%	12.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 25.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Report Summary

Output

Total Lumens: 832 lm
Peak Intensity: 2263 cd
Illuminance @ 5m: 90 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 34.5°
Vertical Beam Angle (50%): 27.4°
Horizontal Field Angle (10%): 57.2°
Vertical Field Angle (10%): 51°
Horizontal Cutoff Angle (3%): 79.2°
Vertical Cutoff Angle (3%): 71.8°



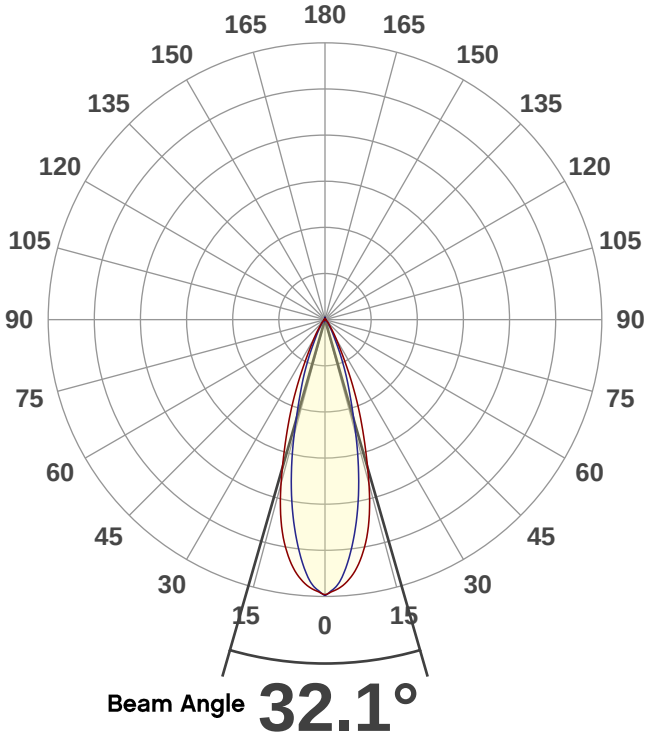
Conditions

AC Supply: 120 V, 60 Hz
Power: 389.6 W
Current: 3.25 A
Power Factor: 1.0

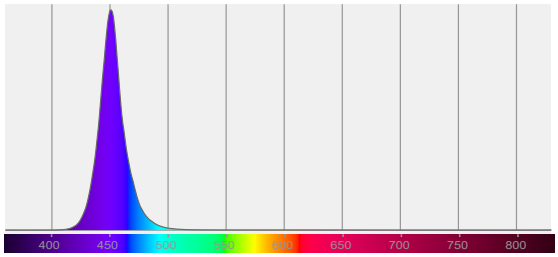
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Overall Measurement

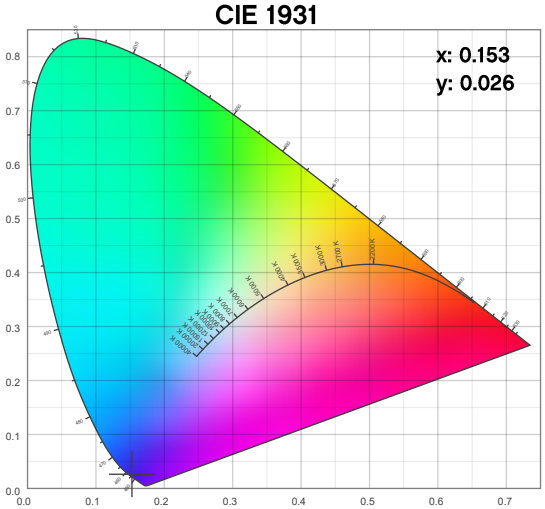
Angular Beam Distribution



Spectral Distribution



CIE 1931

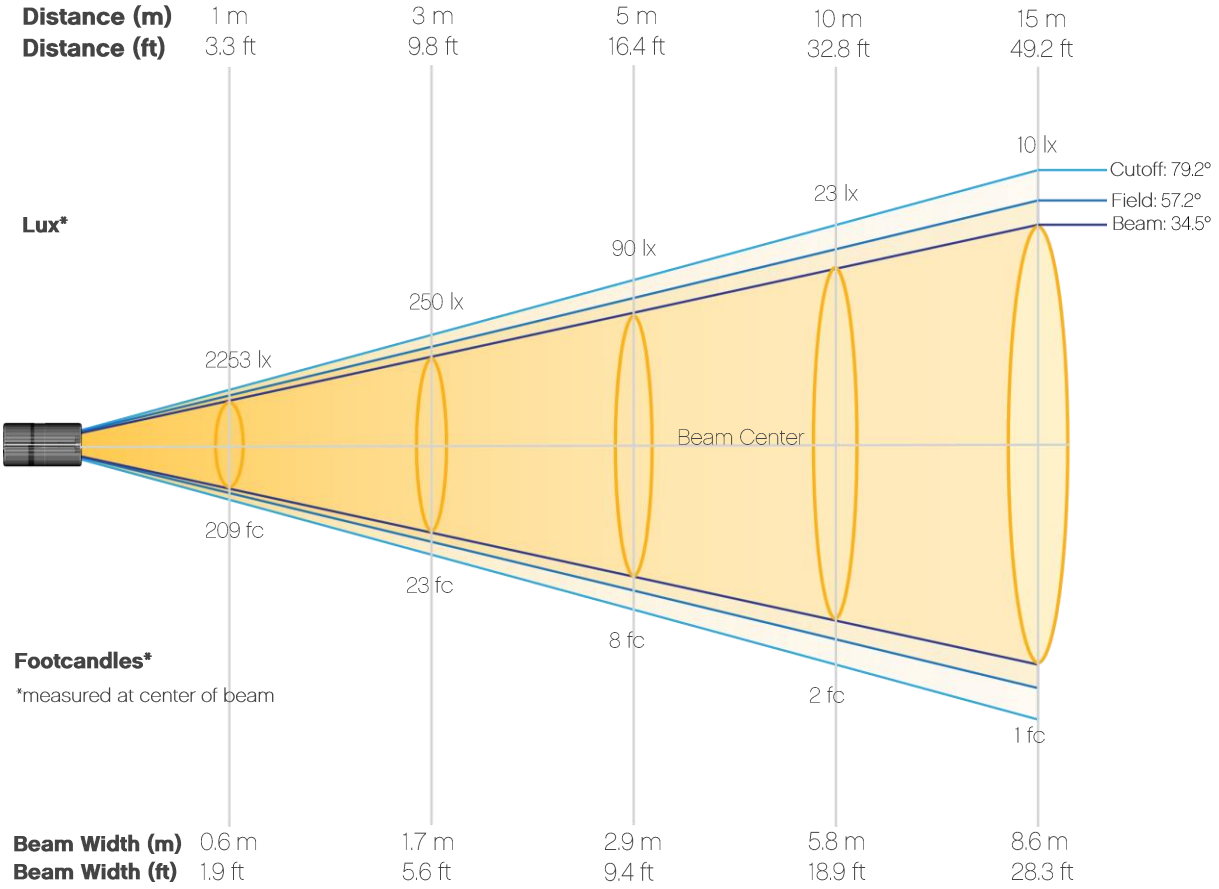


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

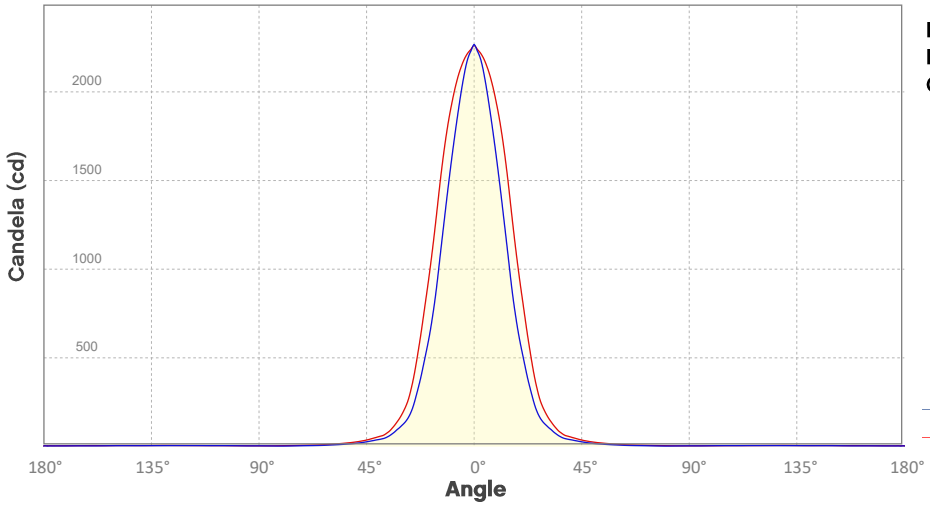
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2253	563	250	141	90	63	46	35	28	23
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	13	11	10	9	8	7	6	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	209	52	23	13	8	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

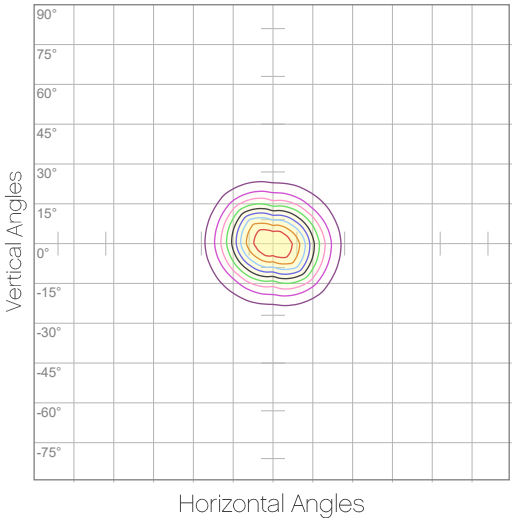
Candela Plot



Beam Angle (50%): 32.1°
Field Angle (10%): 55°
Cutoff Angle (3%): 76.4°

Horizontal Distribution
Vertical Distribution

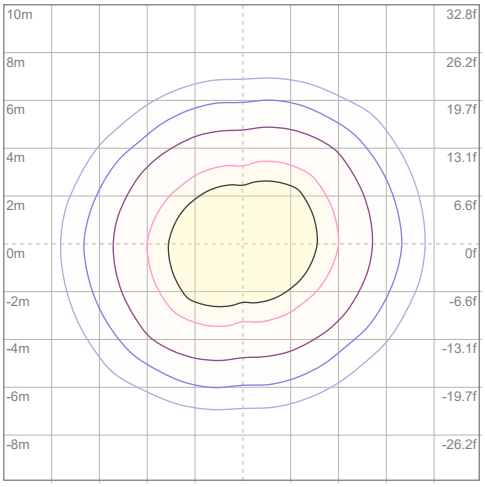
Polar Diagrams



iso-candela Diagram

10%	225 cd
20%	451 cd
30%	676 cd
40%	901 cd
50%	1126 cd
60%	1352 cd
70%	1577 cd
80%	1802 cd
90%	2027 cd

Conditions:
Number of c-planes: 8
Candela at center: 2253 cd



iso-illuminance Diagram

3%	0.676 lx
5%	1.13 lx
10%	2.25 lx
30%	6.76 lx
50%	11.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 22.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Report Summary

Output

Total Lumens: 839 lm
Peak Intensity: 2258 cd
Illuminance @ 5m: 90 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 34.3°
Vertical Beam Angle (50%): 28.2°
Horizontal Field Angle (10%): 57.1°
Vertical Field Angle (10%): 52.1°
Horizontal Cutoff Angle (3%): 78.6°
Vertical Cutoff Angle (3%): 73°



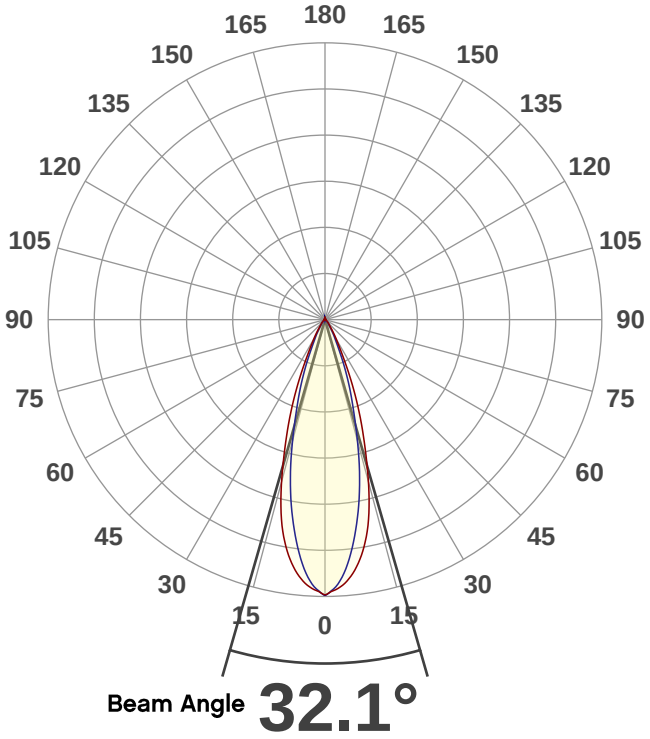
Conditions

AC Supply: 122 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

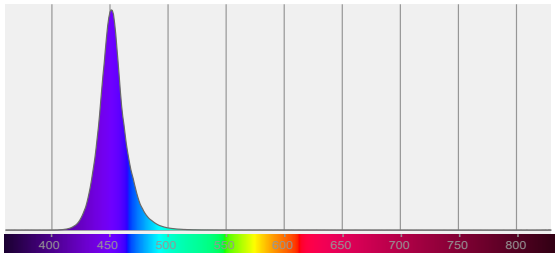
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Overall Measurement

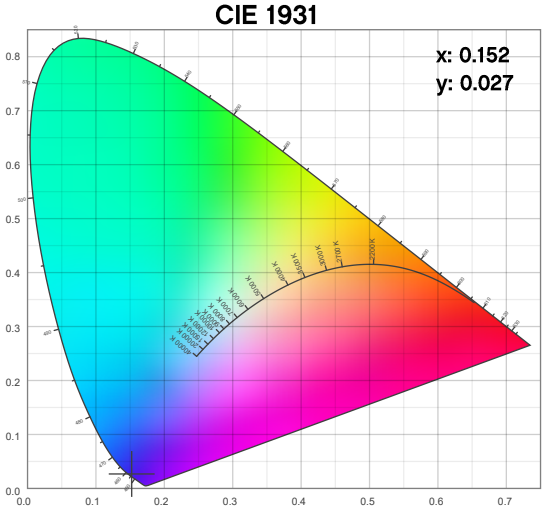
Angular Beam Distribution



Spectral Distribution



CIE 1931

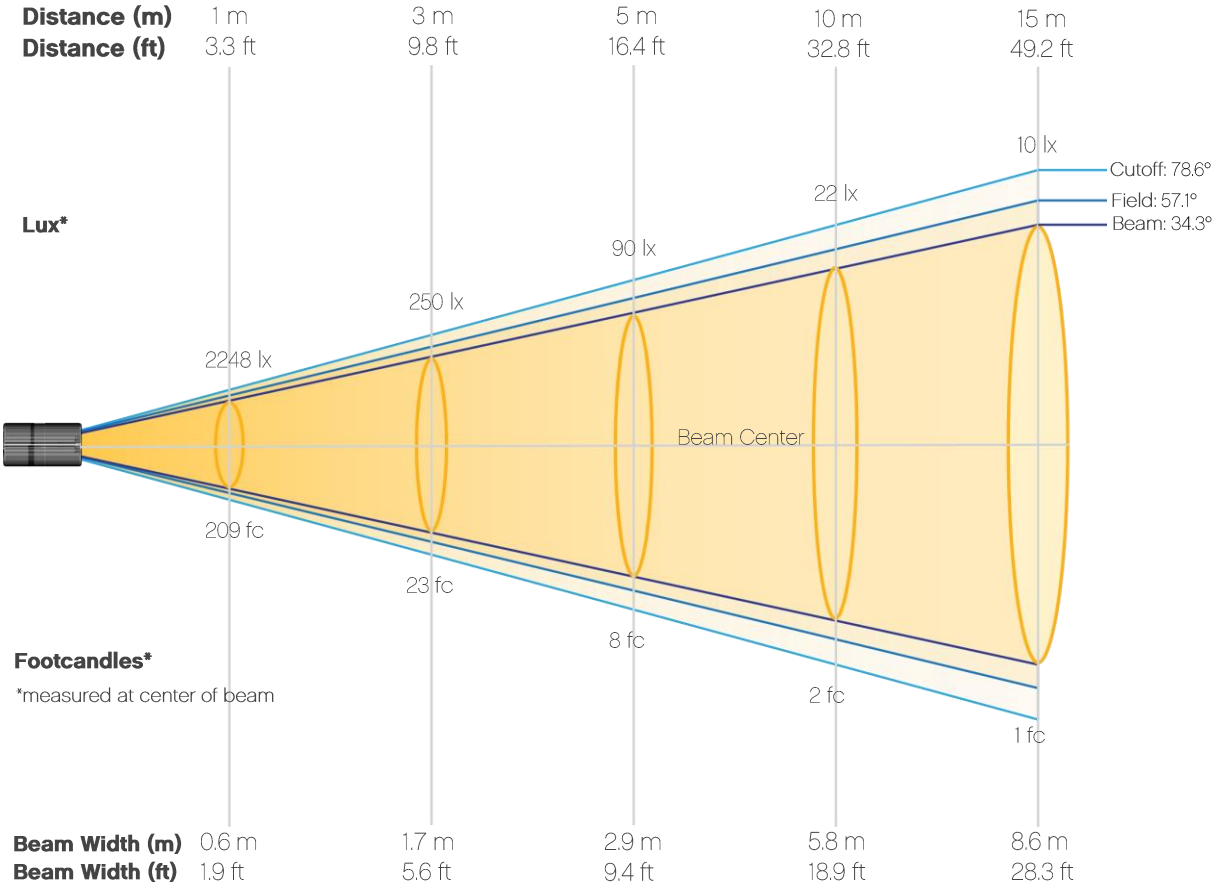


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

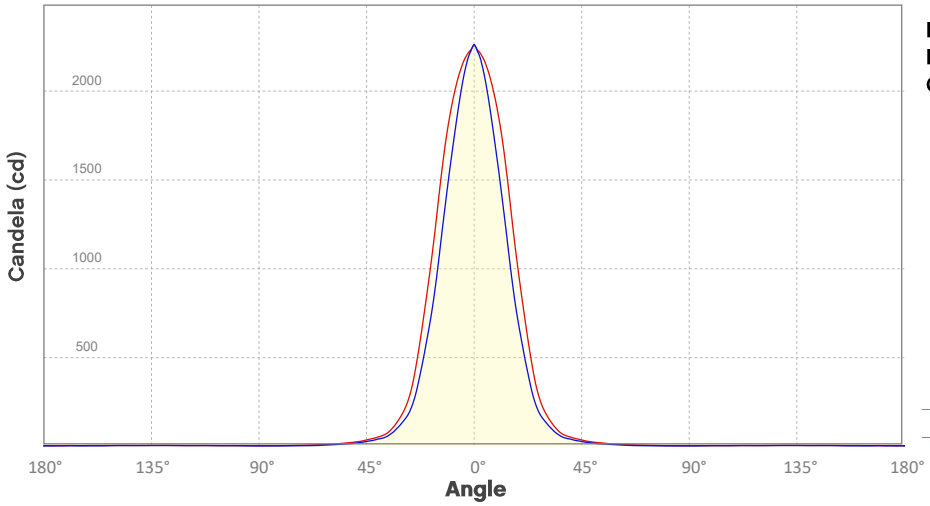
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2248	562	250	140	90	62	46	35	28	22
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	13	11	10	9	8	7	6	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	209	52	23	13	8	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

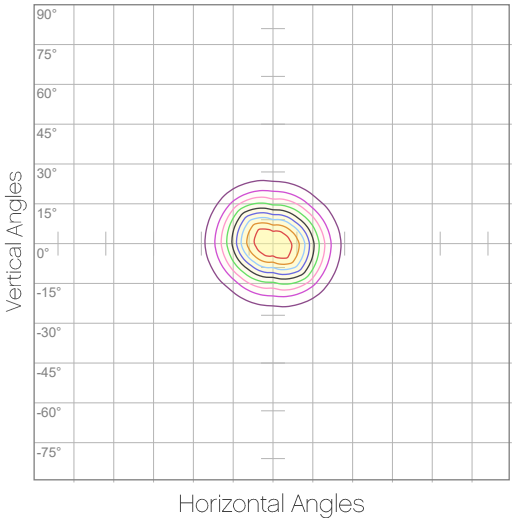
Candela Plot



Beam Angle (50%): 32.1°
Field Angle (10%): 55°
Cutoff Angle (3%): 76.2°

Horizontal Distribution
Vertical Distribution

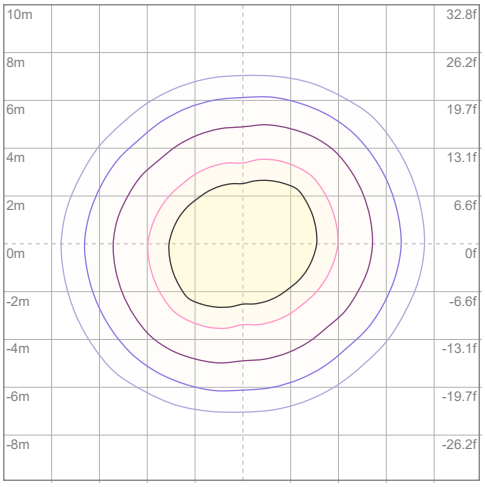
Polar Diagrams



iso-candela Diagram

10%	225 cd
20%	450 cd
30%	674 cd
40%	899 cd
50%	1124 cd
60%	1349 cd
70%	1573 cd
80%	1798 cd
90%	2023 cd

Conditions:
Number of c-planes: 8
Candela at center: 2248 cd



iso-illuminance Diagram

3%	0.674 lx
5%	1.12 lx
10%	2.25 lx
30%	6.74 lx
50%	11.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 22.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Report Summary

Output

Total Lumens: 434 lm
Peak Intensity: 1124 cd
Illuminance @ 5m: 44 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 34.4°
Vertical Beam Angle (50%): 29°
Horizontal Field Angle (10%): 57.5°
Vertical Field Angle (10%): 53.6°
Horizontal Cutoff Angle (3%): 80.1°
Vertical Cutoff Angle (3%): 74.1°



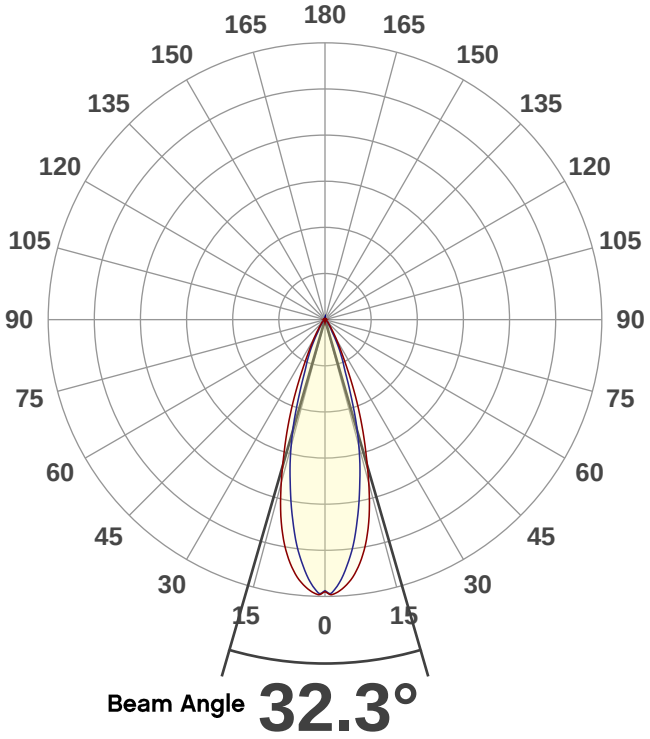
Conditions

AC Supply: 122 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

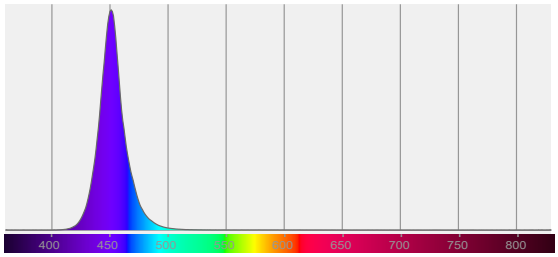
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Overall Measurement

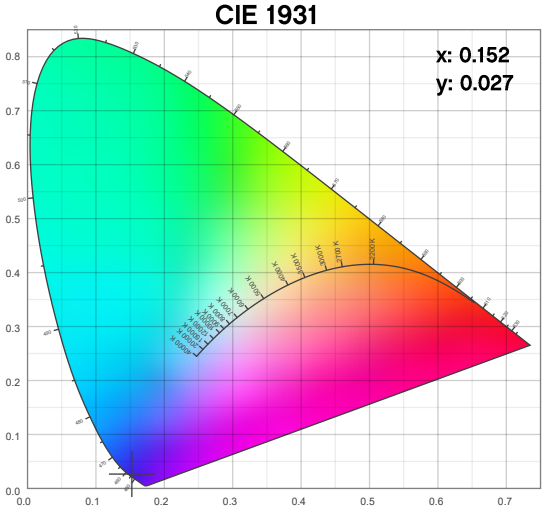
Angular Beam Distribution



Spectral Distribution



CIE 1931

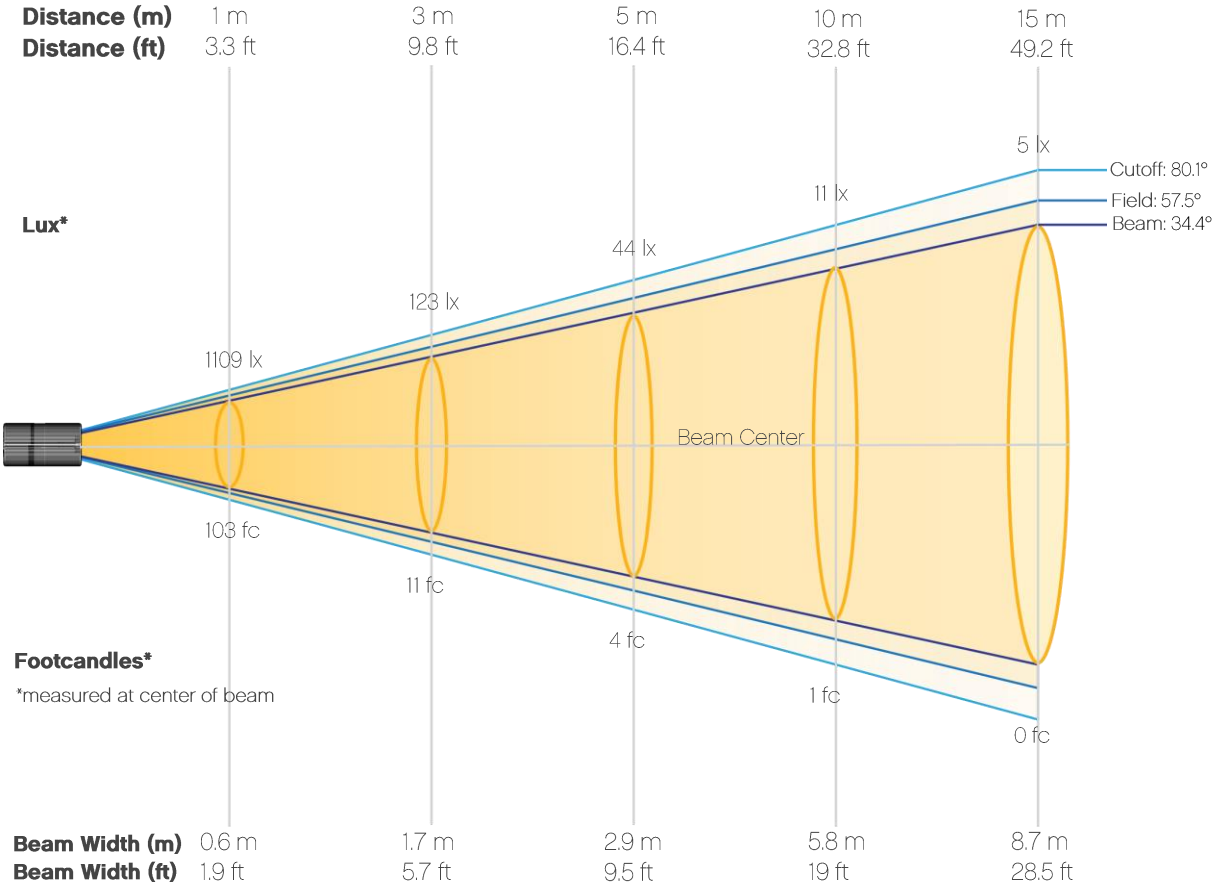


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

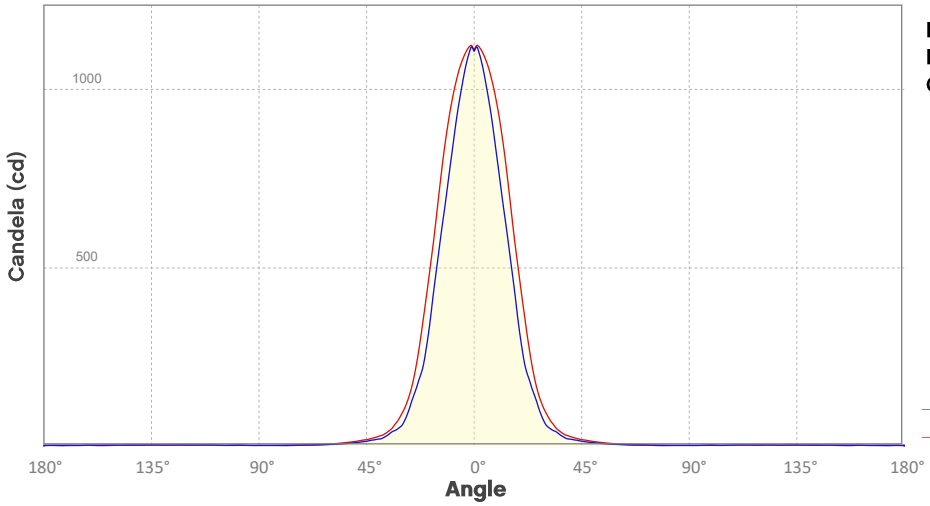
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1109	277	123	69	44	31	23	17	14	11
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	9	8	7	6	5	4	4	3	3	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	103	26	11	6	4	3	2	2	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

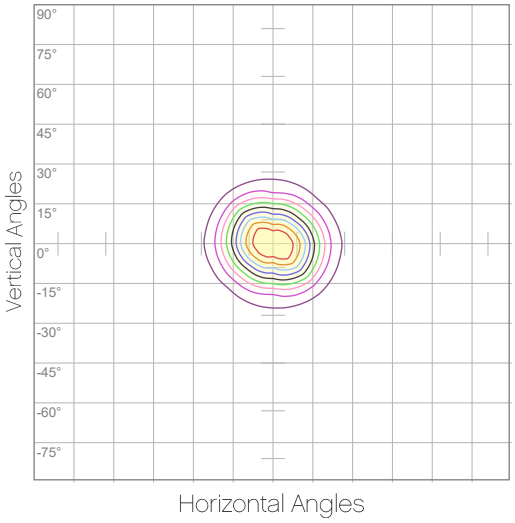
Candela Plot



Beam Angle (50%): 32.3°
Field Angle (10%): 55.4°
Cutoff Angle (3%): 77.2°

Horizontal Distribution
Vertical Distribution

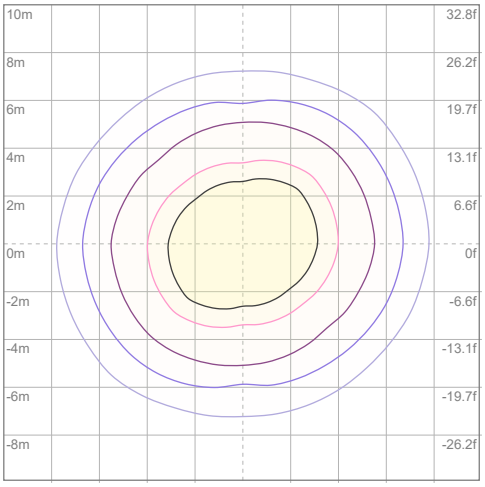
Polar Diagrams



iso-candela Diagram

10%	111 cd
20%	222 cd
30%	333 cd
40%	444 cd
50%	555 cd
60%	665 cd
70%	776 cd
80%	887 cd
90%	998 cd

Conditions:
Number of c-planes: 8
Candela at center: 1109 cd



iso-illuminance Diagram

3%	0.333 lx
5%	0.555 lx
10%	1.11 lx
30%	3.33 lx
50%	5.55 lx

Conditions:
Number of c-planes: 8
Lux at center: 11.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Report Summary

Output

Total Lumens: 265 lm
Peak Intensity: 831 cd
Illuminance @ 5m: 30 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.3°
Vertical Beam Angle (50%): 26.6°
Horizontal Field Angle (10%): 56.9°
Vertical Field Angle (10%): 49.6°
Horizontal Cutoff Angle (3%): 79.5°
Vertical Cutoff Angle (3%): 70.9°



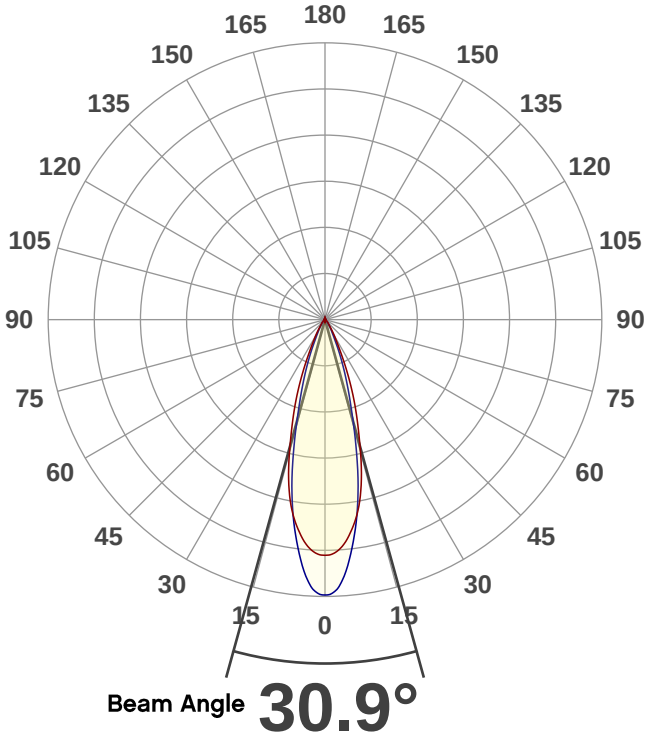
Conditions

AC Supply: 121 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

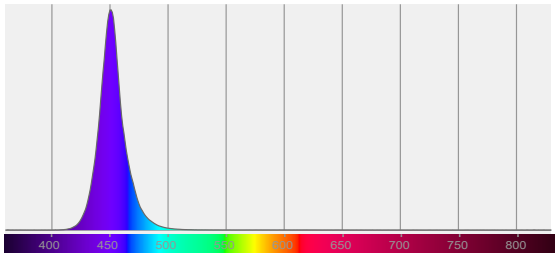
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Overall Measurement

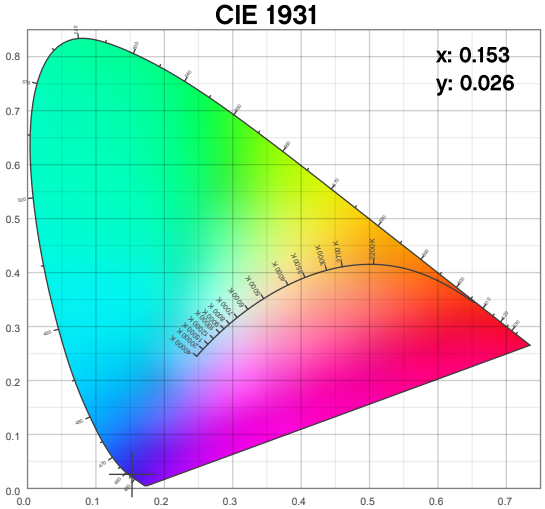
Angular Beam Distribution



Spectral Distribution



CIE 1931

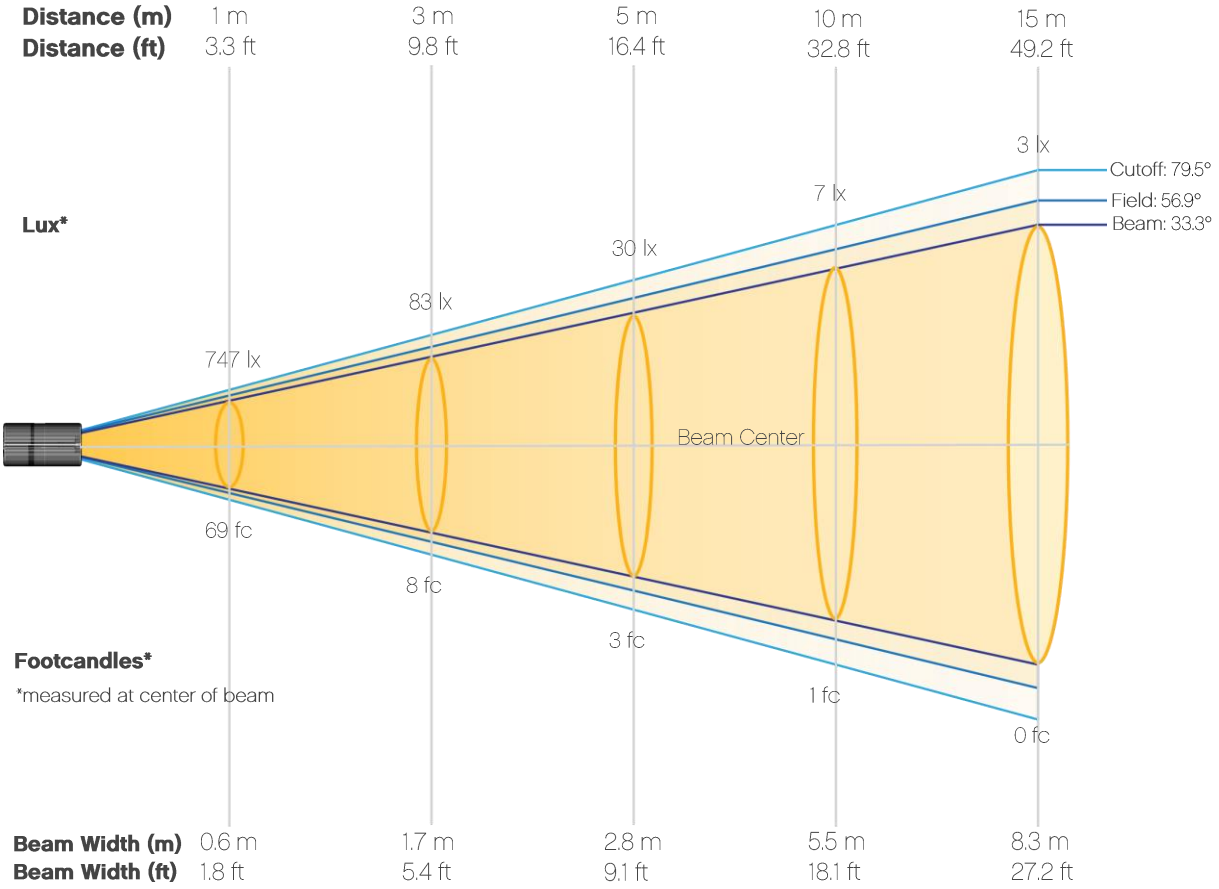


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

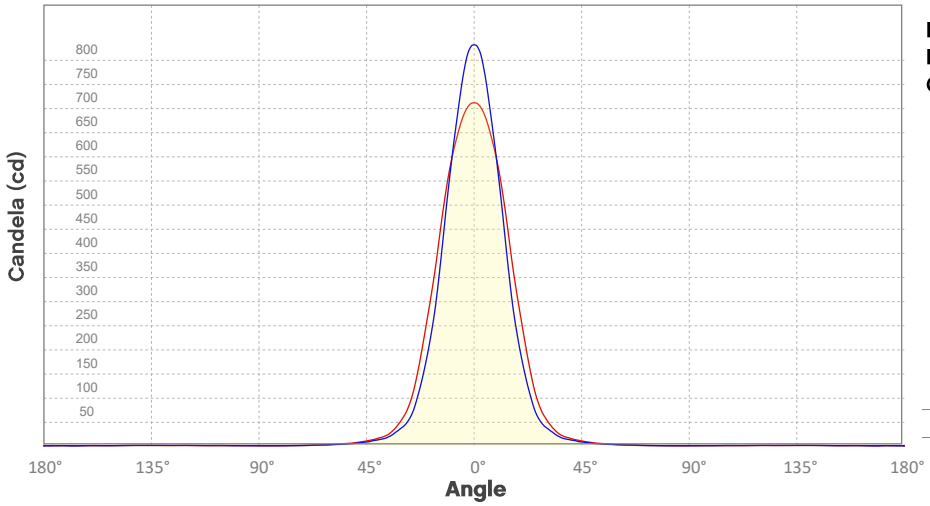
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	747	187	83	47	30	21	15	12	9	7
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	6	5	4	4	3	3	3	2	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	69	17	8	4	3	2	1	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

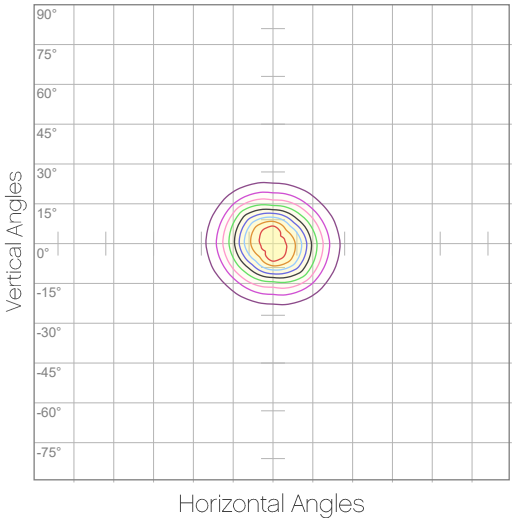
Candela Plot



Beam Angle (50%): 30.9°
Field Angle (10%): 53.8°
Cutoff Angle (3%): 75.5°

Horizontal Distribution
Vertical Distribution

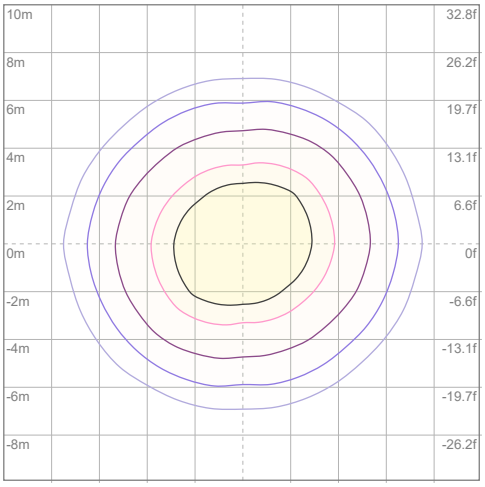
Polar Diagrams



iso-candela Diagram

10%	75 cd
20%	149 cd
30%	224 cd
40%	299 cd
50%	374 cd
60%	448 cd
70%	523 cd
80%	598 cd
90%	672 cd

Conditions:
Number of c-planes: 8
Candela at center: 747 cd



iso-illuminance Diagram

3%	0.224 lx
5%	0.374 lx
10%	0.747 lx
30%	2.24 lx
50%	3.74 lx

Conditions:
Number of c-planes: 8
Lux at center: 7.47 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Report Summary

Output

Total Lumens: 178 lm
Peak Intensity: 526 cd
Illuminance @ 5m: 19 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.2°
Vertical Beam Angle (50%): 27.1°
Horizontal Field Angle (10%): 56.9°
Vertical Field Angle (10%): 50.8°
Horizontal Cutoff Angle (3%): 79.6°
Vertical Cutoff Angle (3%): 71.7°



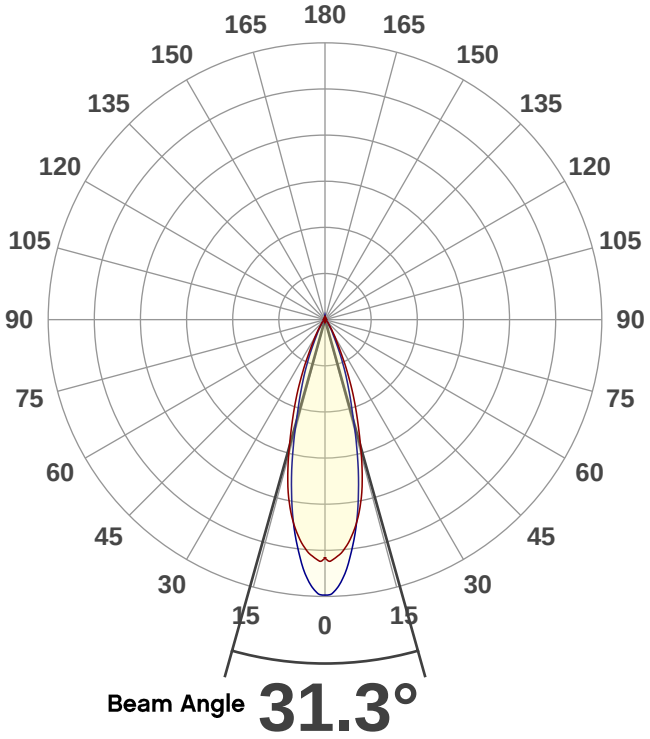
Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

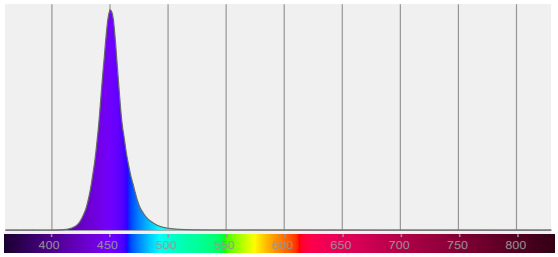
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Overall Measurement

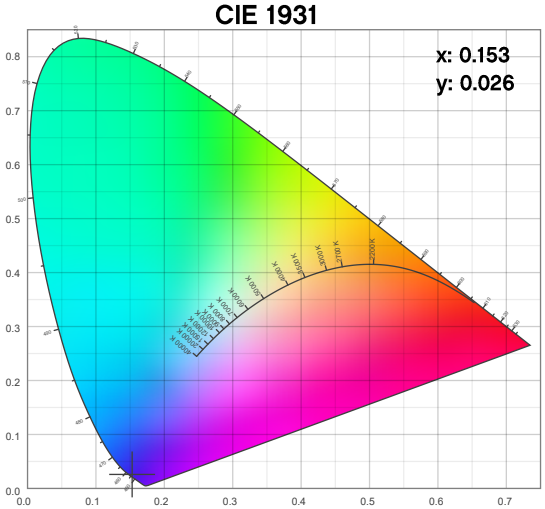
Angular Beam Distribution



Spectral Distribution



CIE 1931

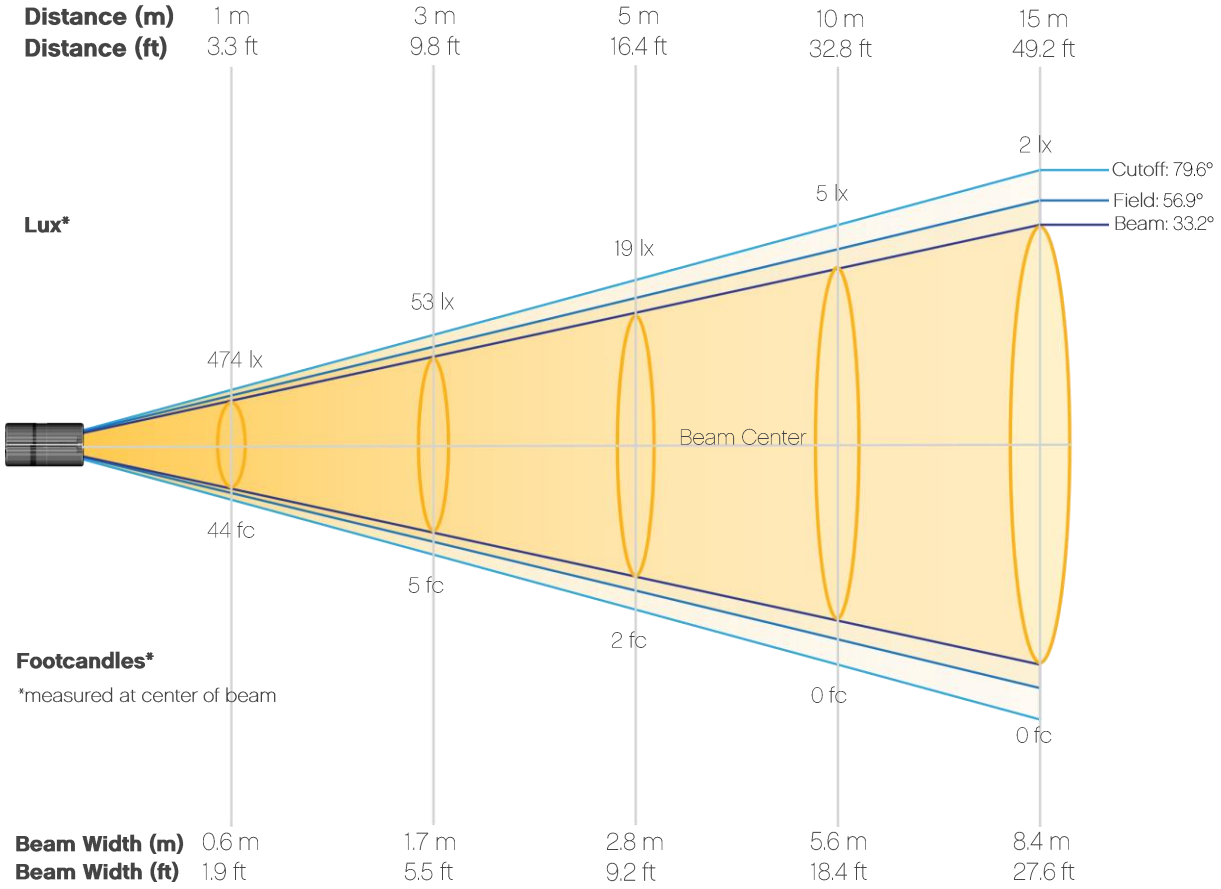


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

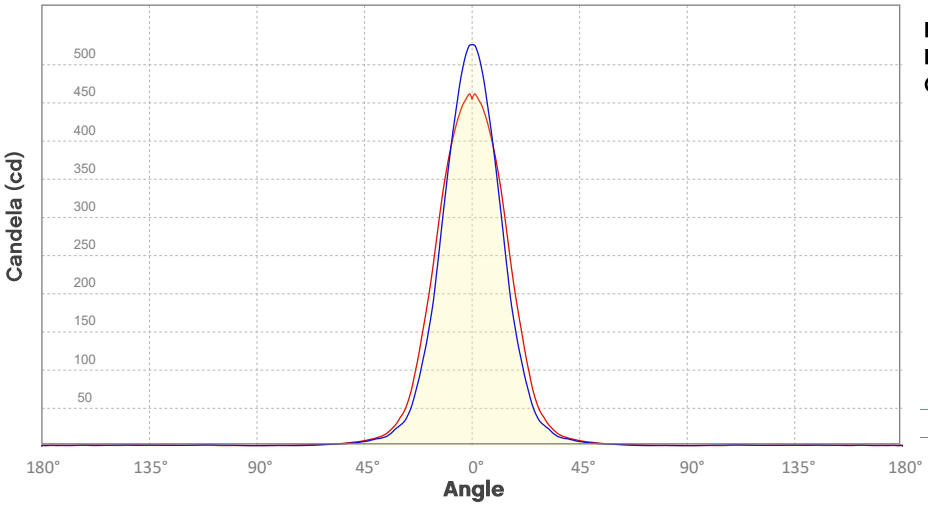
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	474	119	53	30	19	13	10	7	6	5
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	4	3	3	2	2	2	2	1	1	1
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	44	11	5	3	2	1	1	1	1	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, Blue Only

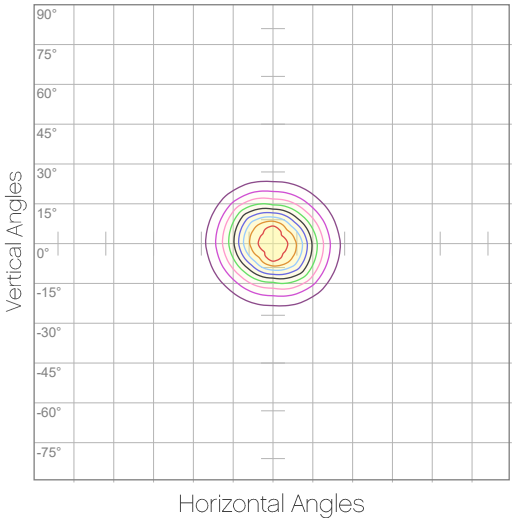
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 54.5°
Cutoff Angle (3%): 76.5°

Horizontal Distribution
Vertical Distribution

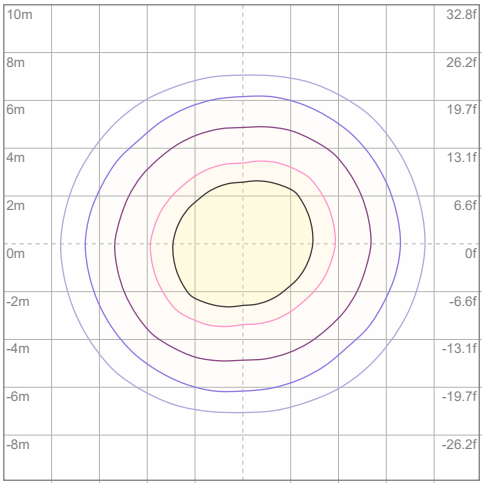
Polar Diagrams



iso-candela Diagram

10%	47 cd
20%	95 cd
30%	142 cd
40%	190 cd
50%	237 cd
60%	285 cd
70%	332 cd
80%	379 cd
90%	427 cd

Conditions:
Number of c-planes: 8
Candela at center: 474 cd



iso-illuminance Diagram

3%	0.142 lx
5%	0.237 lx
10%	0.474 lx
30%	1.42 lx
50%	2.37 lx

Conditions:
Number of c-planes: 8
Lux at center: 4.74 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Report Summary

Output

Total Lumens: 3824 lm
Peak Intensity: 11170 cd
Illuminance @ 5m: 444 lux
Fixture Efficacy: 10 lm/W

Optical

Horizontal Beam Angle (50%): 32.2°
Vertical Beam Angle (50%): 26.6°
Horizontal Field Angle (10%): 55.2°
Vertical Field Angle (10%): 49.8°
Horizontal Cutoff Angle (3%): 77°
Vertical Cutoff Angle (3%): 70.7°



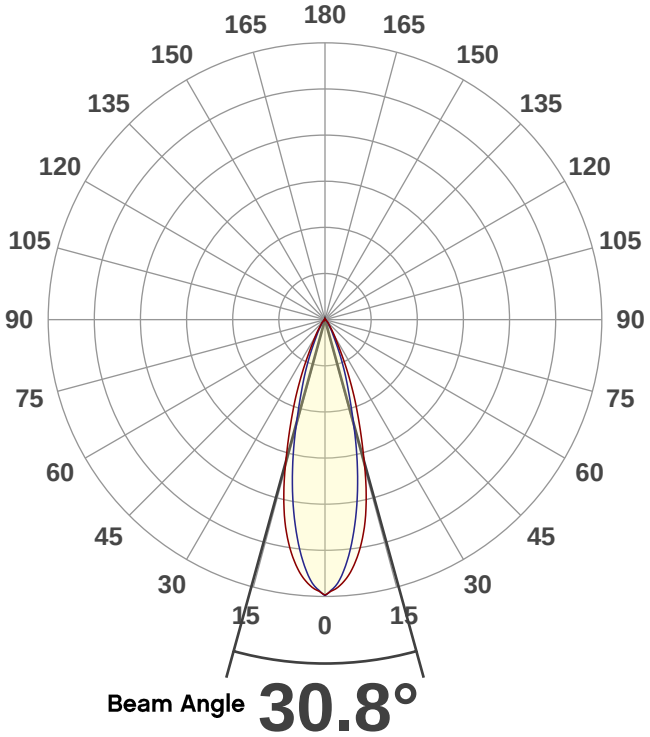
Conditions

AC Supply: 119 V, 60 Hz
Power: 392.15 W
Current: 3.28 A
Power Factor: 1.0

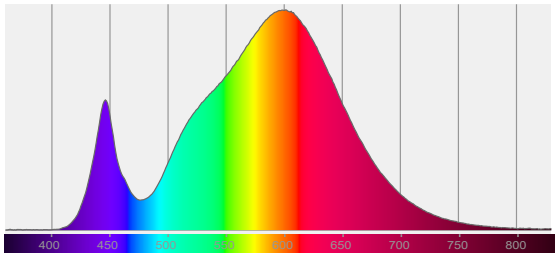
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Overall Measurement

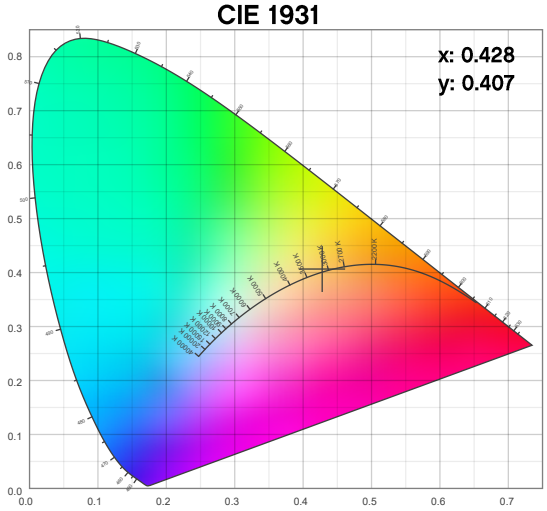
Angular Beam Distribution



Spectral Distribution



CIE 1931

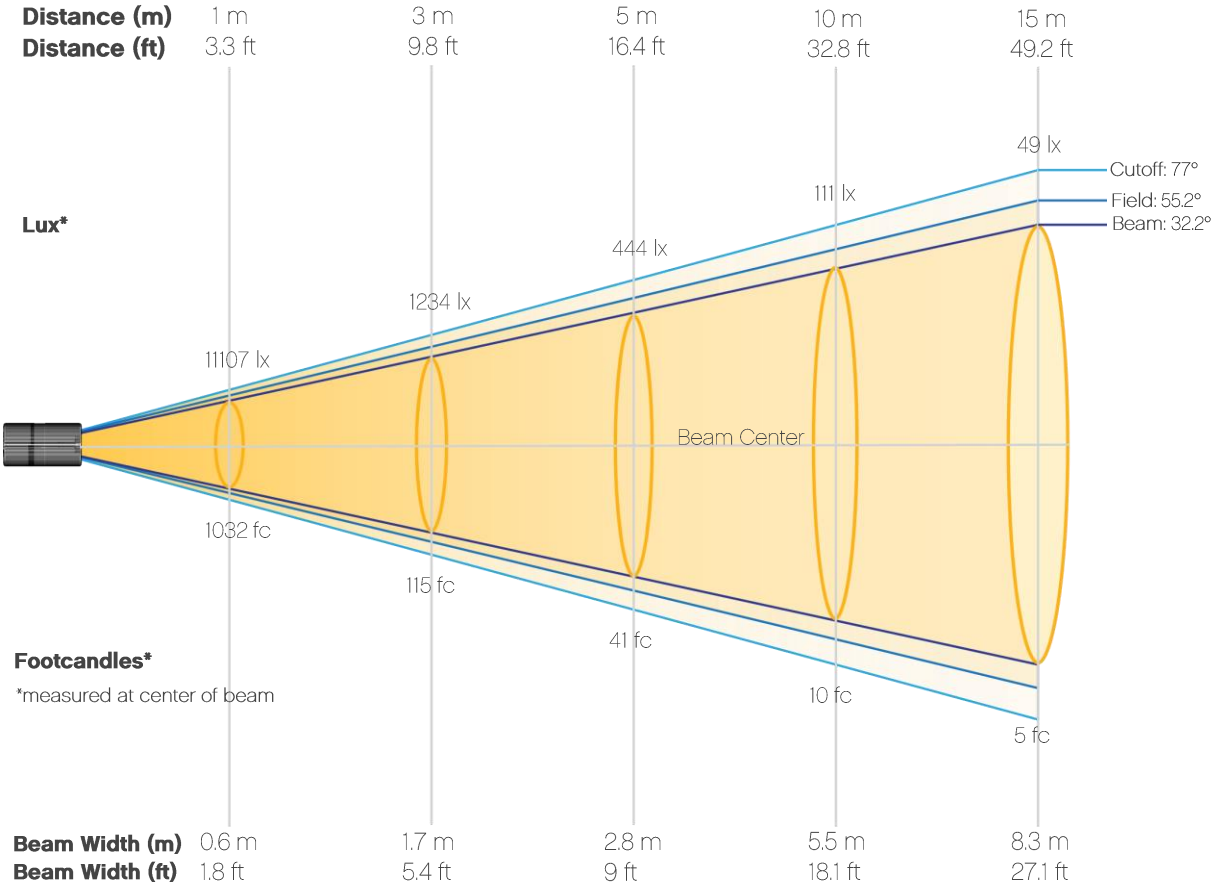


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Beam Details



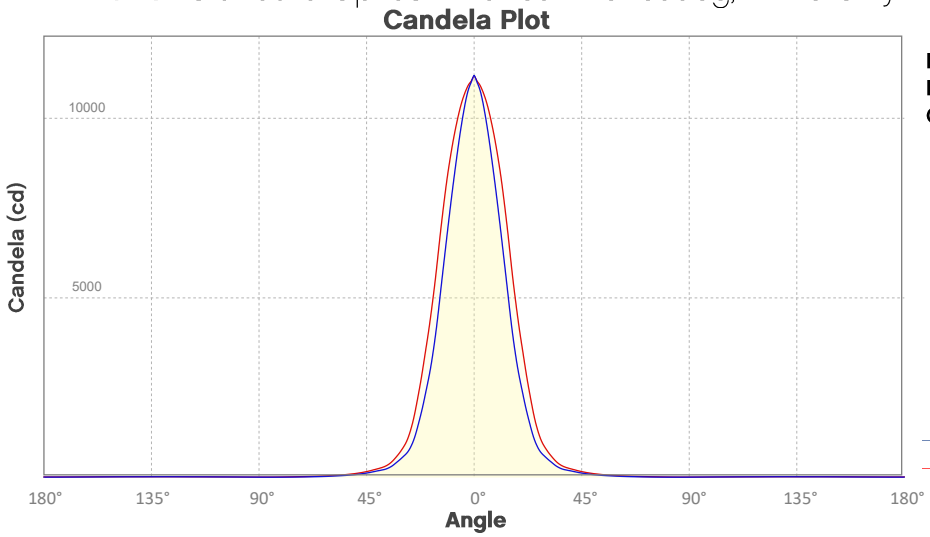
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11107	2777	1234	694	444	309	227	174	137	111
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	92	77	66	57	49	43	38	34	31	28
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1032	258	115	64	41	29	21	16	13	10
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	7	6	5	5	4	4	3	3	3

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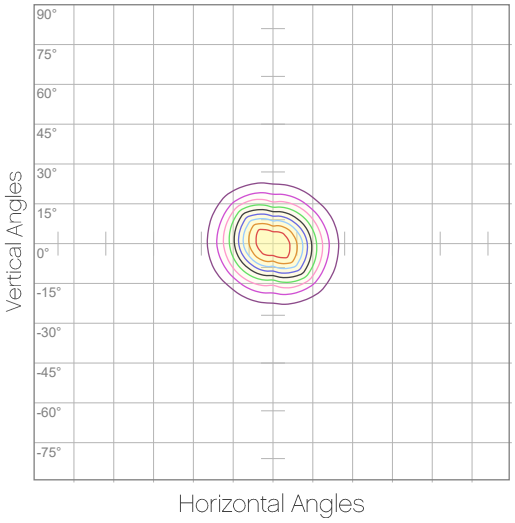
Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only



Beam Angle (50%): 30.8°
Field Angle (10%): 53.3°
Cutoff Angle (3%): 74.9°

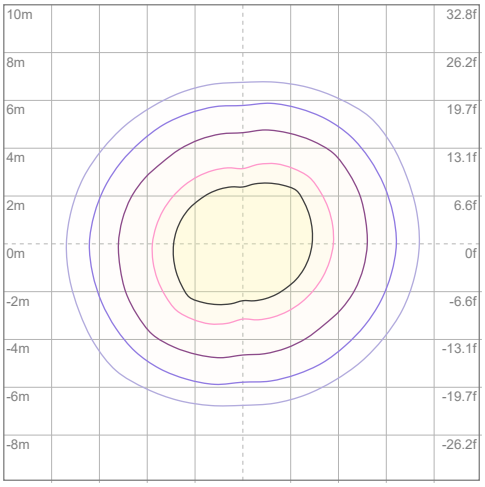
Polar Diagrams



iso-candela Diagram

10%	1111 cd
20%	2221 cd
30%	3332 cd
40%	4443 cd
50%	5554 cd
60%	6664 cd
70%	7775 cd
80%	8886 cd
90%	9996 cd

Conditions:
Number of c-planes: 8
Candela at center: 11107 cd



iso-illuminance Diagram

3%	3.33 lx
5%	5.55 lx
10%	11.1 lx
30%	33.3 lx
50%	55.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 111 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Report Summary

Output

Total Lumens: 3159 lm
Peak Intensity: 9181 cd
Illuminance @ 5m: 366 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.3°
Vertical Beam Angle (50%): 26.7°
Horizontal Field Angle (10%): 55.4°
Vertical Field Angle (10%): 49.7°
Horizontal Cutoff Angle (3%): 77.3°
Vertical Cutoff Angle (3%): 70.5°



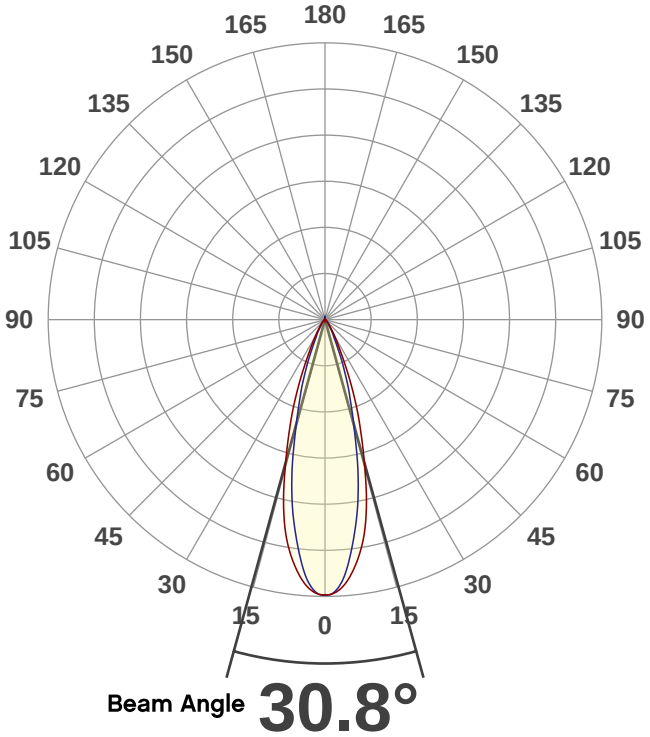
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

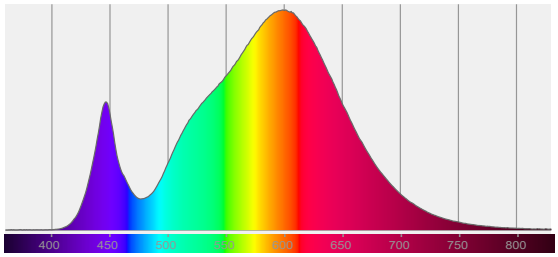
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Overall Measurement

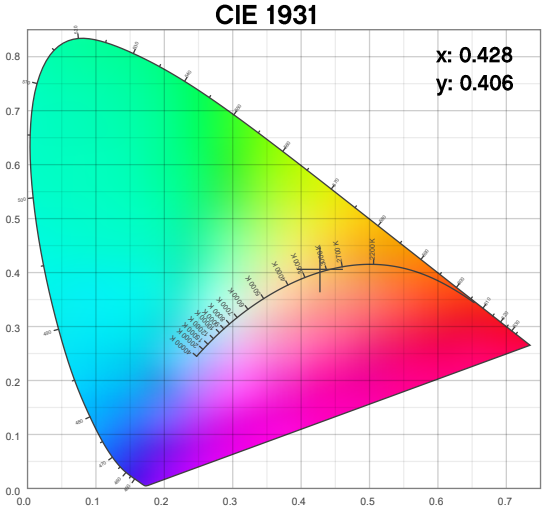
Angular Beam Distribution



Spectral Distribution



CIE 1931

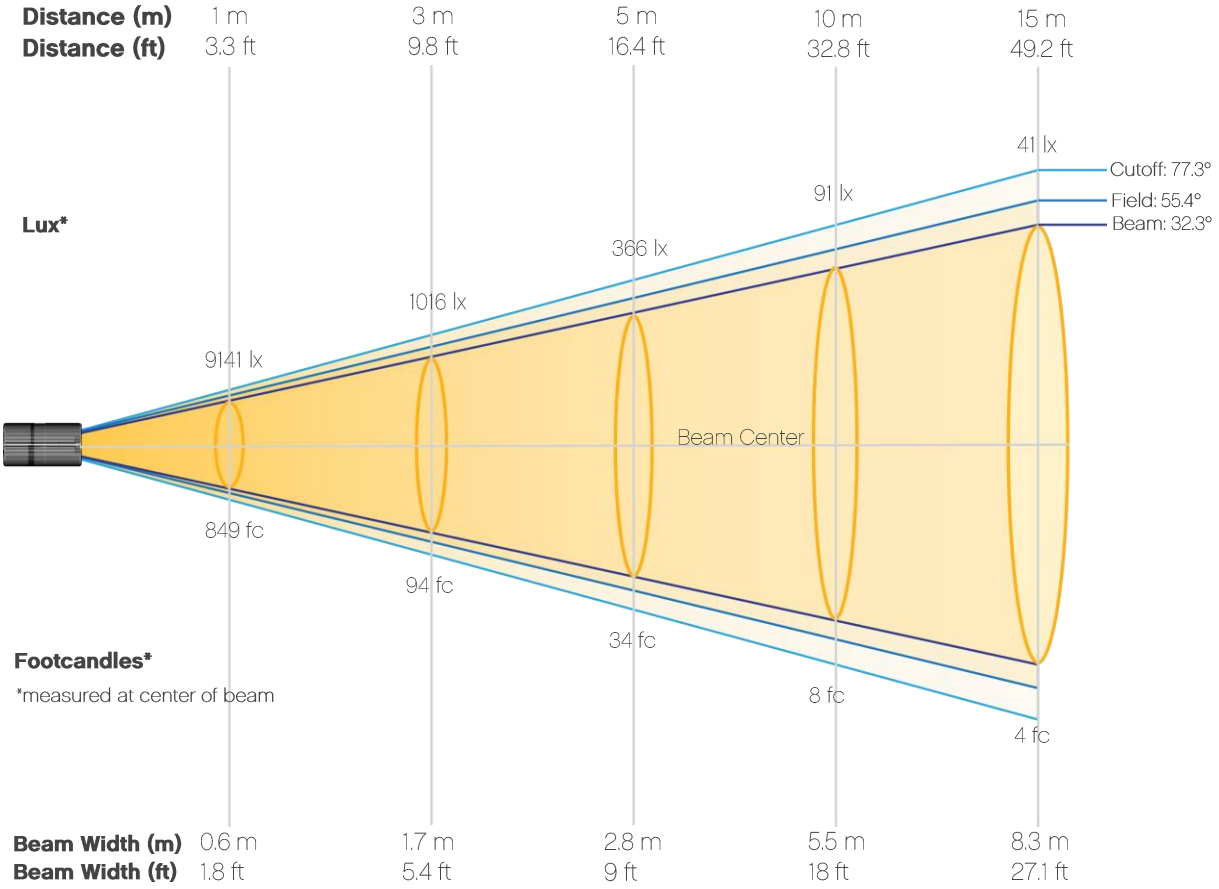


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

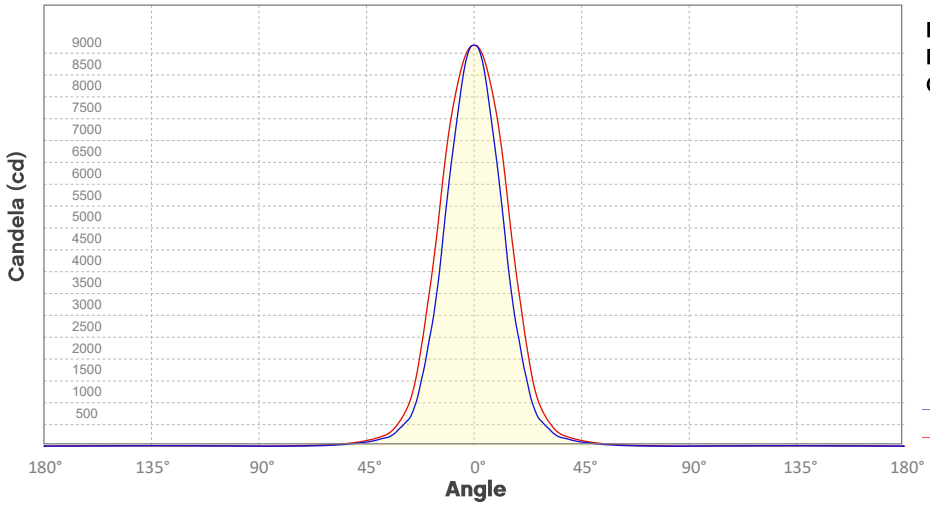
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9141	2285	1016	571	366	254	187	143	113	91
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	76	63	54	47	41	36	32	28	25	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	849	212	94	53	34	24	17	13	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	3	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

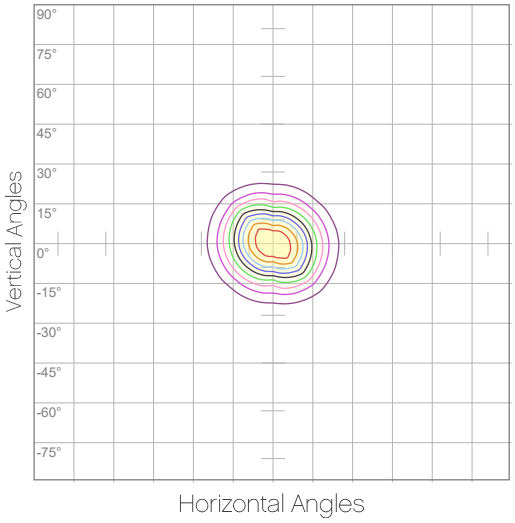
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 53.2°
Cutoff Angle (3%): 74.7°

Horizontal Distribution
Vertical Distribution

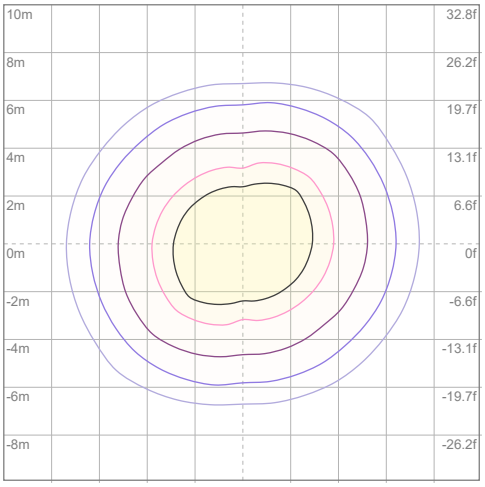
Polar Diagrams



iso-candela Diagram

10%	914 cd
20%	1828 cd
30%	2742 cd
40%	3656 cd
50%	4570 cd
60%	5485 cd
70%	6399 cd
80%	7313 cd
90%	8227 cd

Conditions:
Number of c-planes: 8
Candela at center: 9141 cd



iso-illuminance Diagram

3%	2.74 lx
5%	4.57 lx
10%	9.14 lx
30%	27.4 lx
50%	45.7 lx

Conditions:
Number of c-planes: 8
Lux at center: 91.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Report Summary

Output

Total Lumens: 1668 lm
Peak Intensity: 4658 cd
Illuminance @ 5m: 185 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 34.7°
Vertical Beam Angle (50%): 28.5°
Horizontal Field Angle (10%): 56.4°
Vertical Field Angle (10%): 52°
Horizontal Cutoff Angle (3%): 77.7°
Vertical Cutoff Angle (3%): 72.6°



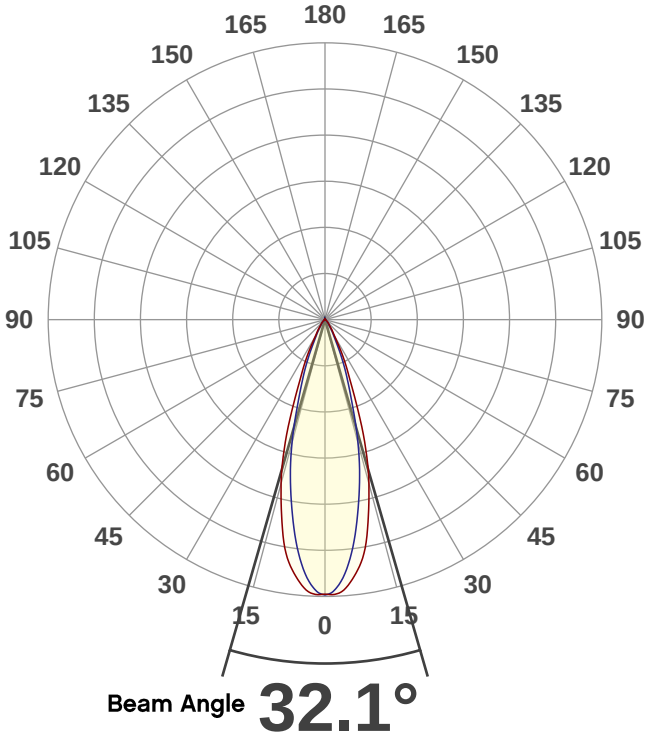
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

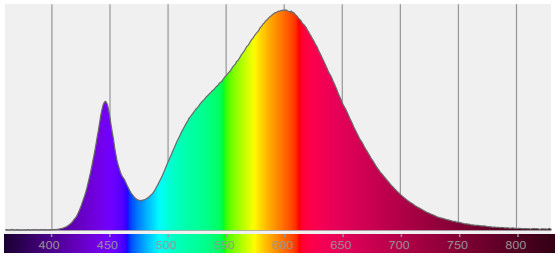
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Overall Measurement

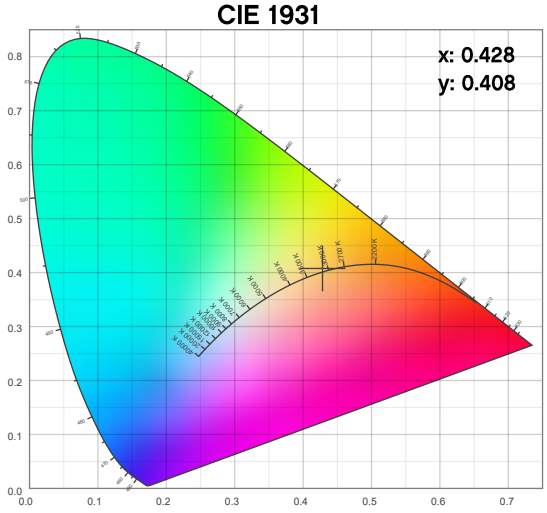
Angular Beam Distribution



Spectral Distribution



CIE 1931

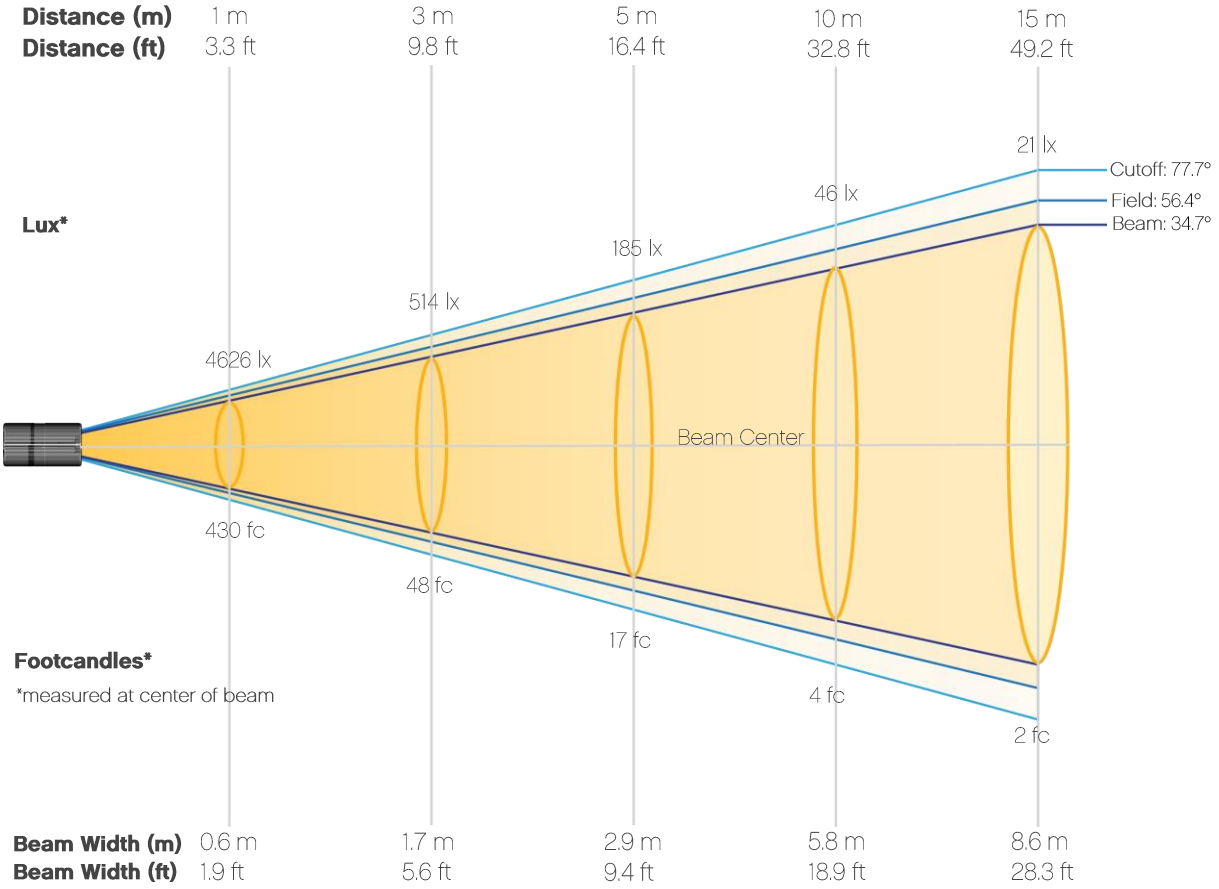


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

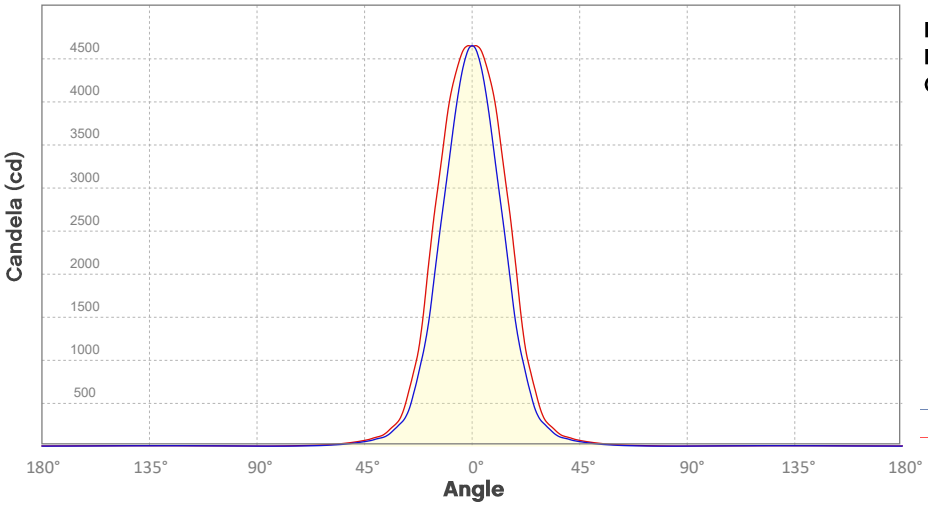
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4626	1156	514	289	185	128	94	72	57	46
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	38	32	27	24	21	18	16	14	13	12
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	430	107	48	27	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

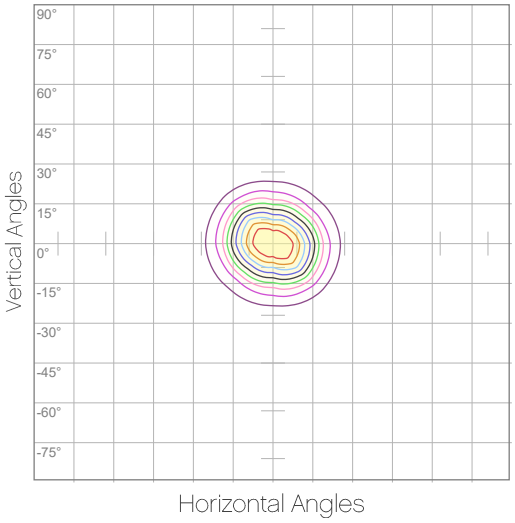
Candela Plot



Beam Angle (50%): 32.1°
Field Angle (10%): 54.4°
Cutoff Angle (3%): 75.5°

Horizontal Distribution
Vertical Distribution

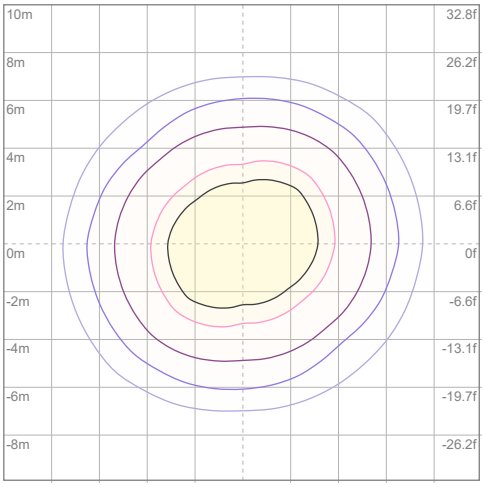
Polar Diagrams



iso-candela Diagram

10%	463 cd
20%	925 cd
30%	1388 cd
40%	1850 cd
50%	2313 cd
60%	2775 cd
70%	3238 cd
80%	3701 cd
90%	4163 cd

Conditions:
Number of c-planes: 8
Candela at center: 4626 cd



iso-illuminance Diagram

3%	1.39 lx
5%	2.31 lx
10%	4.63 lx
30%	13.9 lx
50%	23.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 46.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Report Summary

Output

Total Lumens: 1027 lm
Peak Intensity: 3810 cd
Illuminance @ 5m: 139 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 29.8°
Vertical Beam Angle (50%): 24.3°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 44.7°
Horizontal Cutoff Angle (3%): 77.7°
Vertical Cutoff Angle (3%): 66.3°



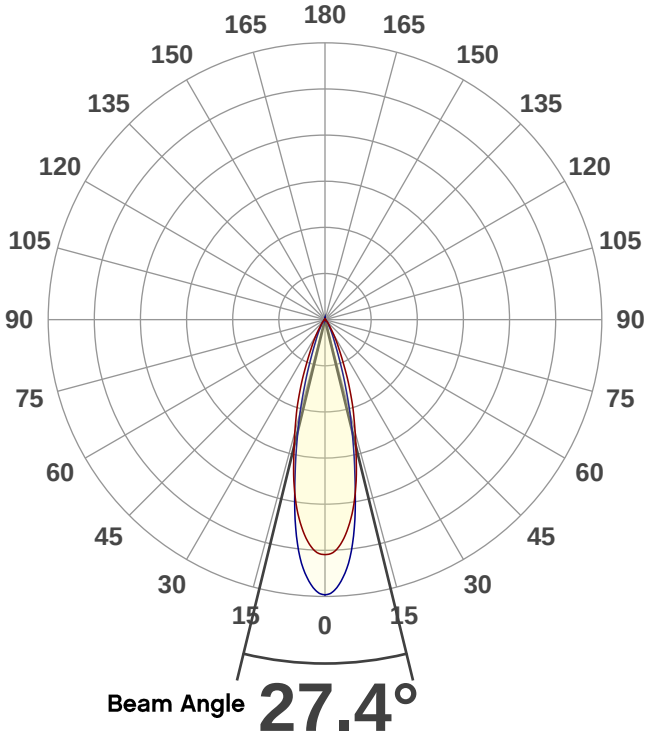
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

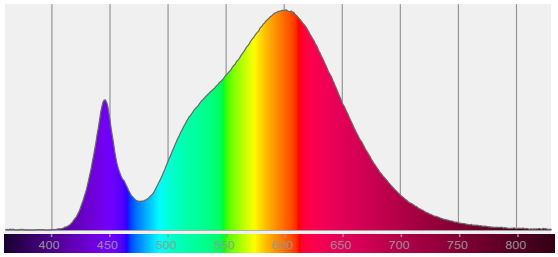
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Overall Measurement

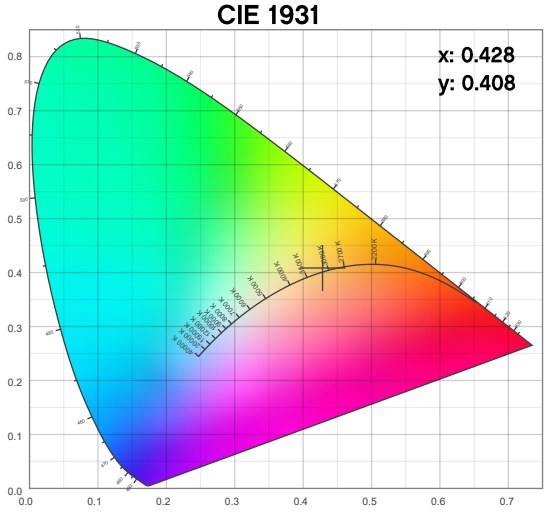
Angular Beam Distribution



Spectral Distribution



CIE 1931

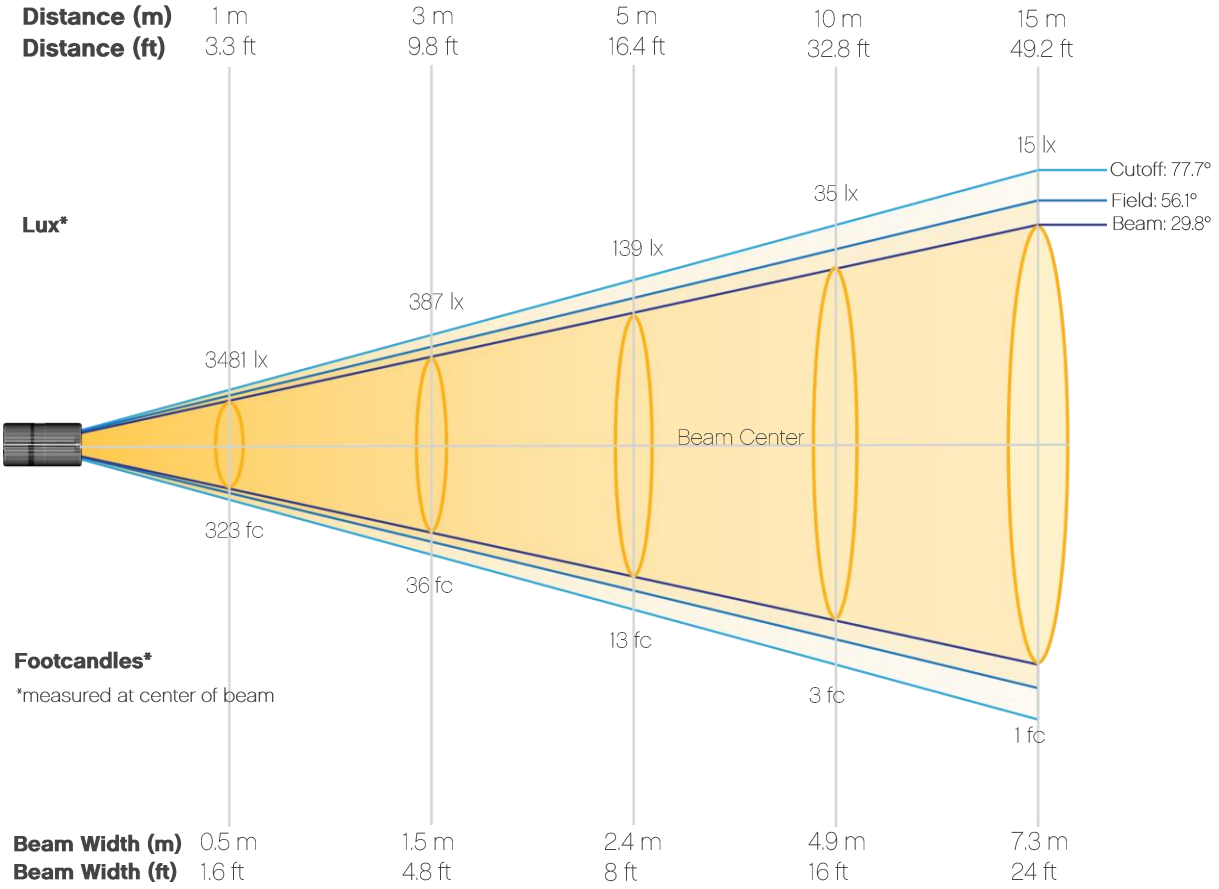


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

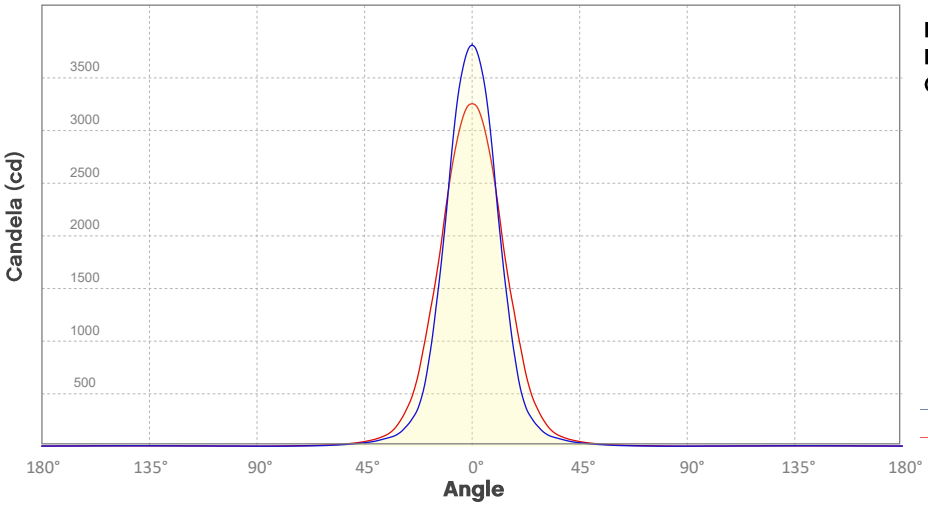
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3481	870	387	218	139	97	71	54	43	35
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	29	24	21	18	15	14	12	11	10	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	323	81	36	20	13	9	7	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

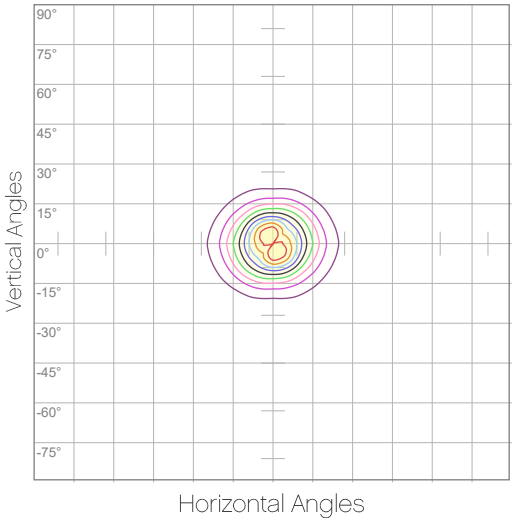
Candela Plot



Beam Angle (50%): 27.4°
Field Angle (10%): 50.6°
Cutoff Angle (3%): 72.7°

Horizontal Distribution
Vertical Distribution

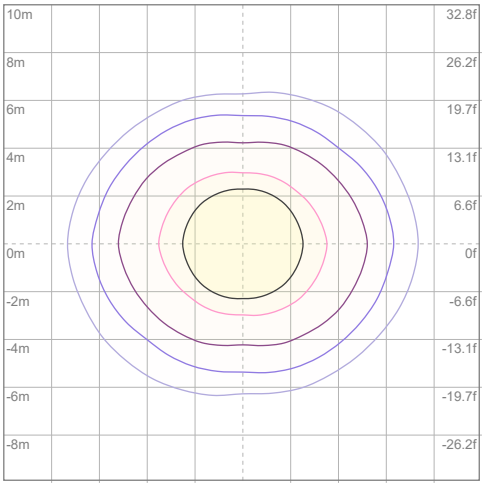
Polar Diagrams



iso-candela Diagram

10%	348 cd
20%	696 cd
30%	1044 cd
40%	1392 cd
50%	1741 cd
60%	2089 cd
70%	2437 cd
80%	2785 cd
90%	3133 cd

Conditions:
Number of c-planes: 8
Candela at center: 3481 cd



iso-illuminance Diagram

3%	1.04 lx
5%	1.74 lx
10%	3.48 lx
30%	10.4 lx
50%	17.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 34.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Report Summary

Output

Total Lumens: 717 lm
Peak Intensity: 2198 cd
Illuminance @ 5m: 81 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 34.2°
Vertical Beam Angle (50%): 28.3°
Horizontal Field Angle (10%): 56°
Vertical Field Angle (10%): 51.8°
Horizontal Cutoff Angle (3%): 78.5°
Vertical Cutoff Angle (3%): 72.8°



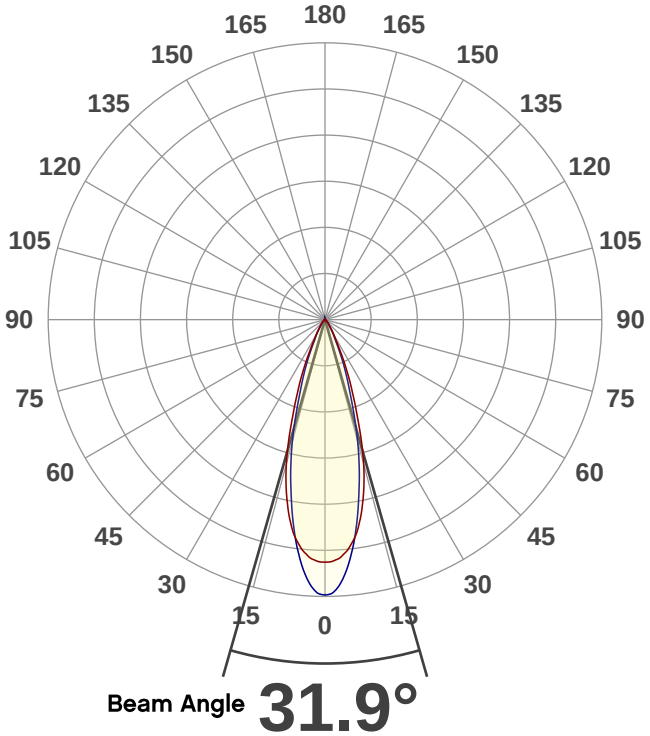
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

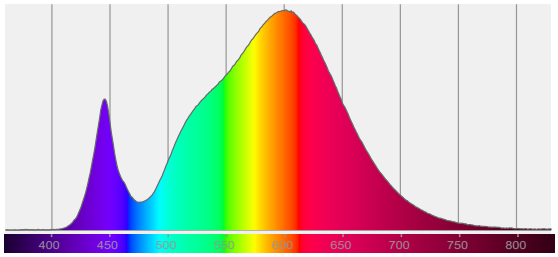
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Overall Measurement

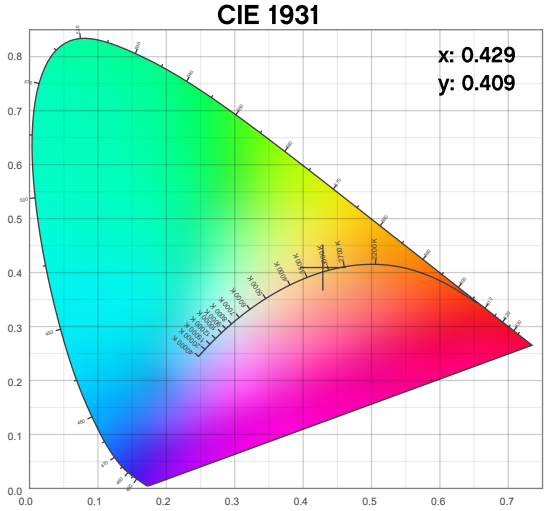
Angular Beam Distribution



Spectral Distribution



CIE 1931

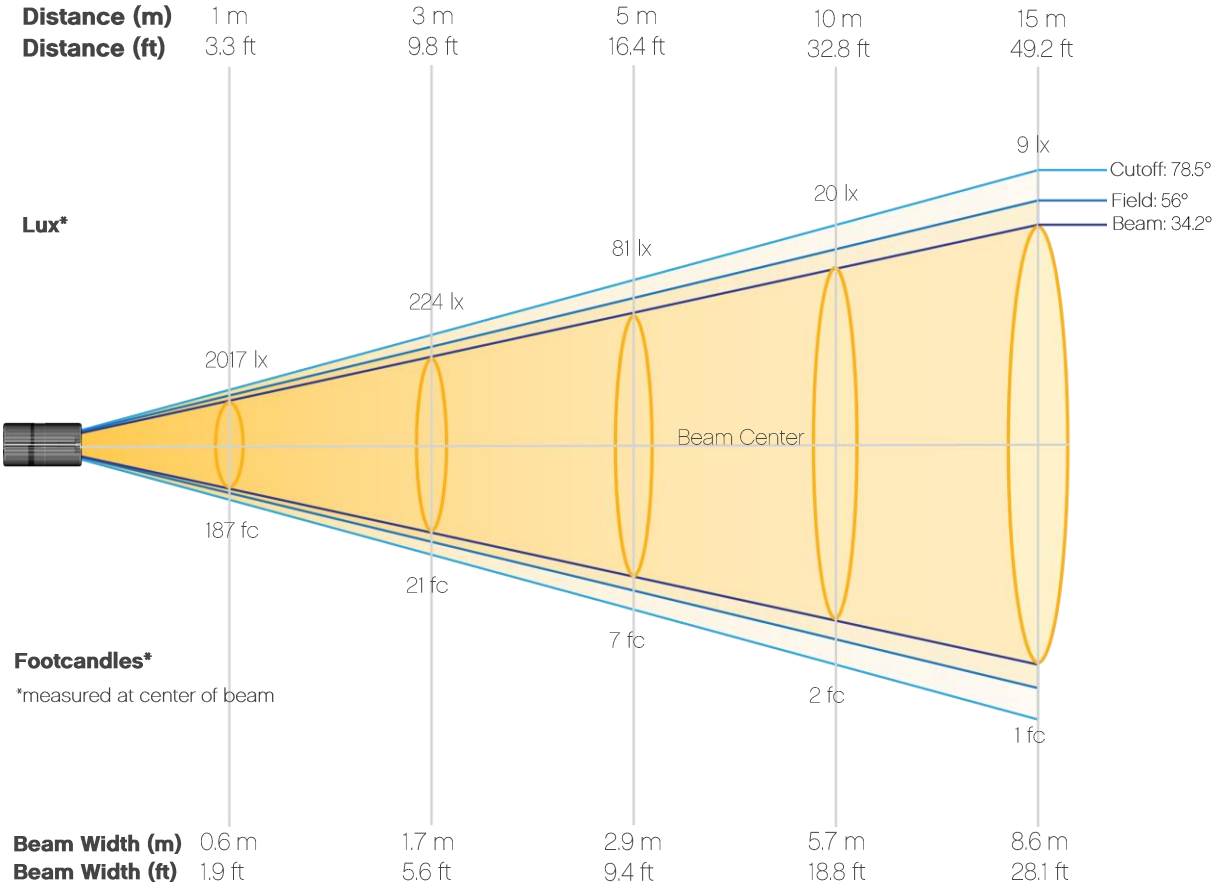


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

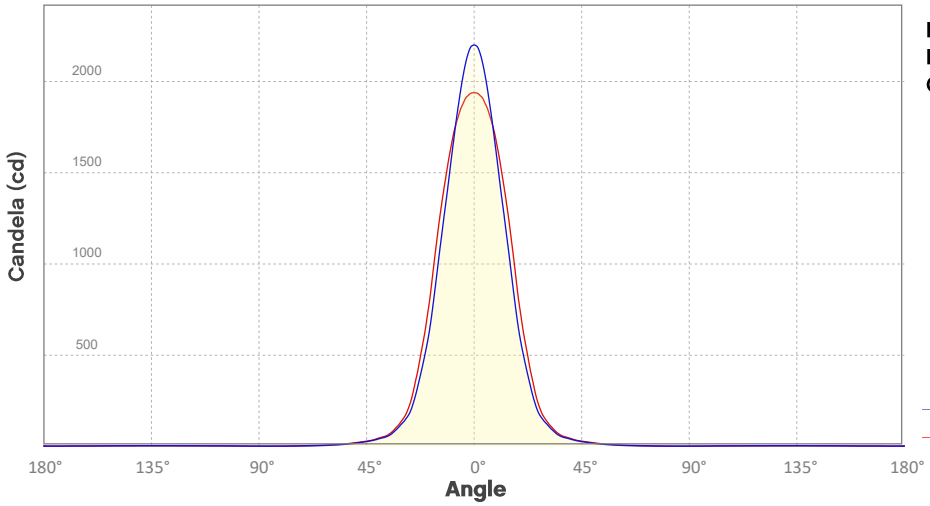
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2017	504	224	126	81	56	41	32	25	20
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	17	14	12	10	9	8	7	6	6	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	187	47	21	12	7	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	0

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, White Only

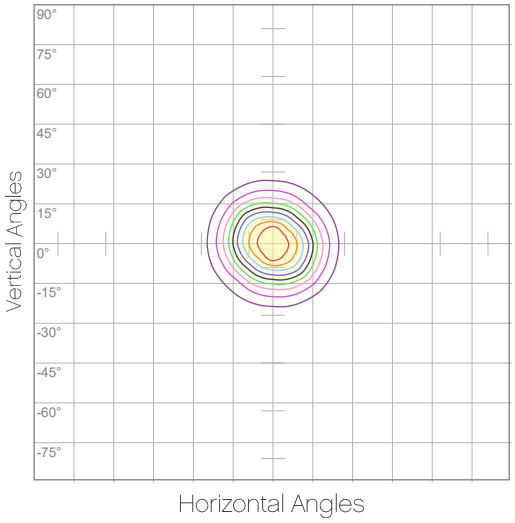
Candela Plot



Beam Angle (50%): 31.9°
Field Angle (10%): 54.3°
Cutoff Angle (3%): 75.9°

Horizontal Distribution
Vertical Distribution

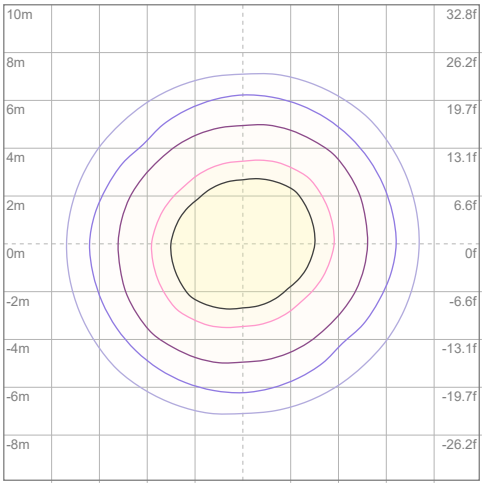
Polar Diagrams



iso-candela Diagram

10%	202 cd
20%	403 cd
30%	605 cd
40%	807 cd
50%	1008 cd
60%	1210 cd
70%	1412 cd
80%	1613 cd
90%	1815 cd

Conditions:
Number of c-planes: 8
Candela at center: 2017 cd



iso-illuminance Diagram

3%	0.605 lx
5%	1.01 lx
10%	2.02 lx
30%	6.05 lx
50%	10.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 20.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Report Summary

Output

Total Lumens: 4446 lm
Peak Intensity: 15040 cd
Illuminance @ 5m: 601 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 29.7°
Vertical Beam Angle (50%): 24.2°
Horizontal Field Angle (10%): 55.8°
Vertical Field Angle (10%): 44.5°
Horizontal Cutoff Angle (3%): 77.6°
Vertical Cutoff Angle (3%): 65.6°



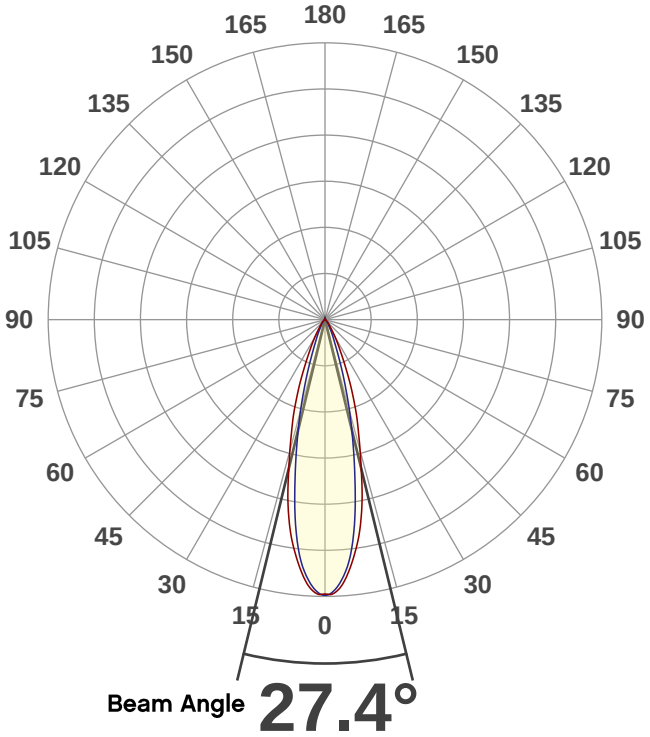
Conditions

AC Supply: 120 V, 60 Hz
Power: 393.81 W
Current: 3.29 A
Power Factor: 1.0

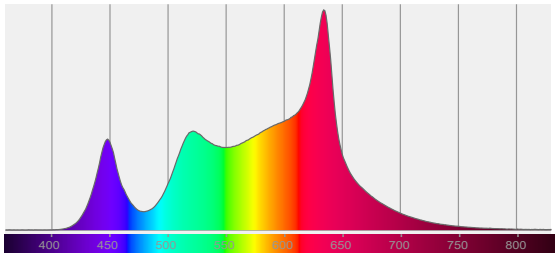
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Overall Measurement

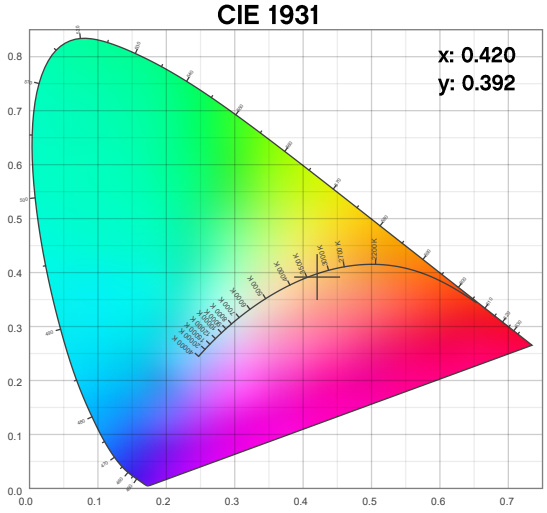
Angular Beam Distribution



Spectral Distribution



CIE 1931

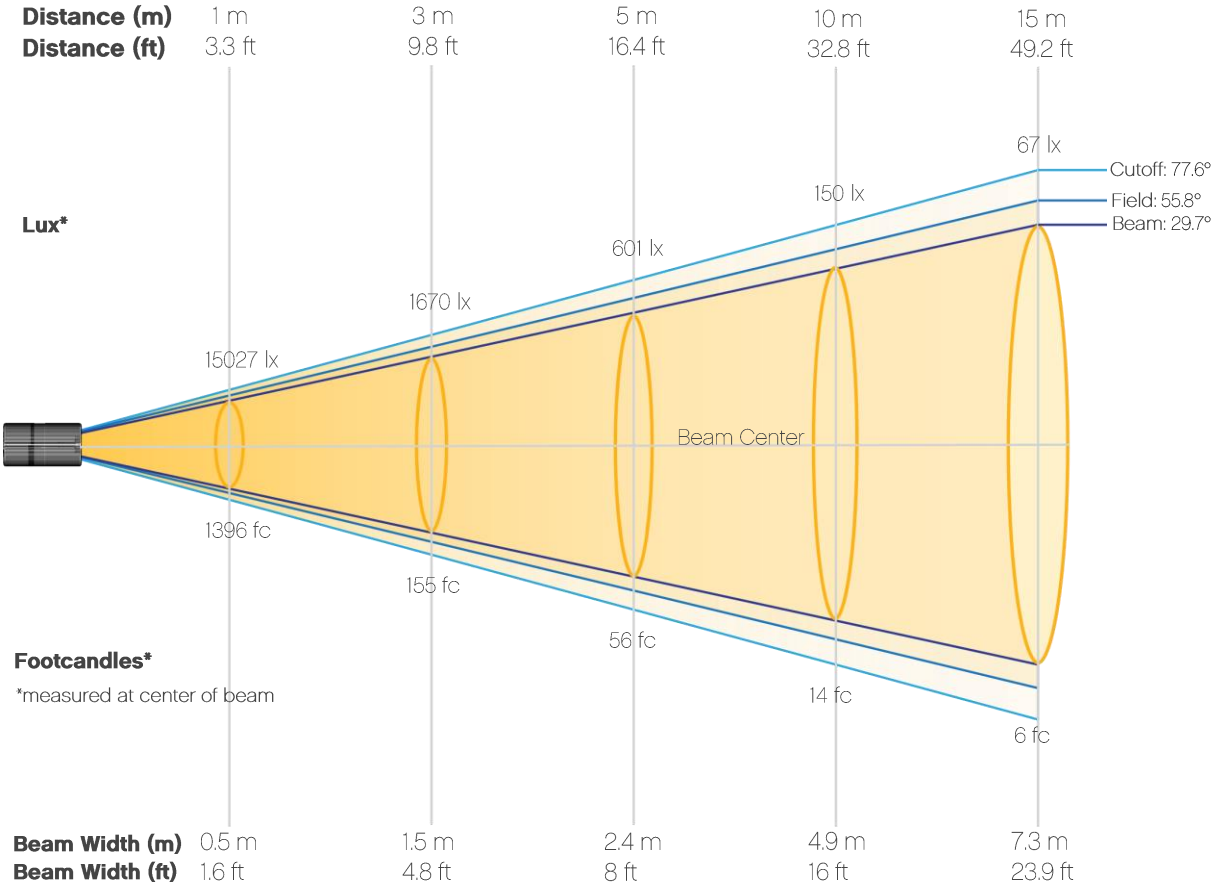


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

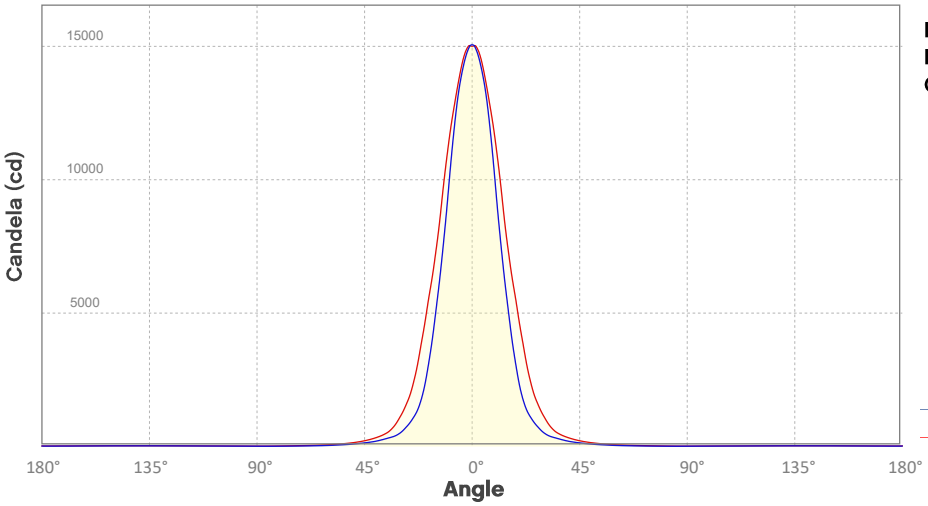
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15027	3757	1670	939	601	417	307	235	186	150
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	124	104	89	77	67	59	52	46	42	38
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1396	349	155	87	56	39	28	22	17	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	8	7	6	5	5	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

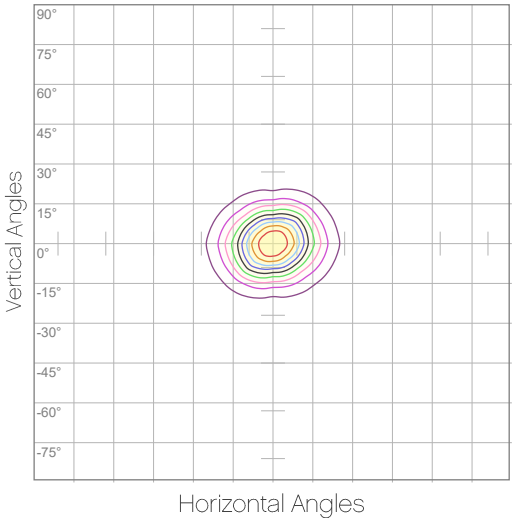
Candela Plot



Beam Angle (50%): 27.4°
Field Angle (10%): 50.5°
Cutoff Angle (3%): 72.3°

Horizontal Distribution
Vertical Distribution

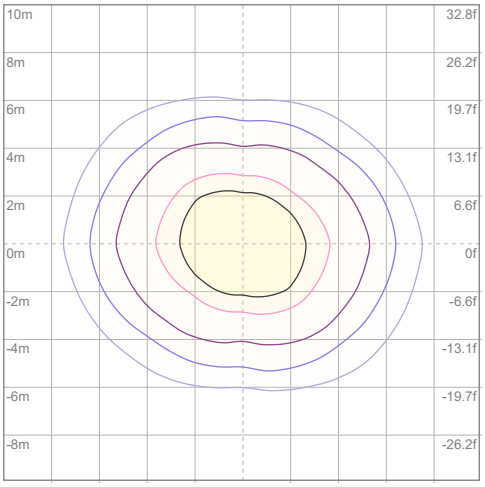
Polar Diagrams



iso-candela Diagram

10%	1503 cd
20%	3005 cd
30%	4508 cd
40%	6011 cd
50%	7514 cd
60%	9016 cd
70%	10519 cd
80%	12022 cd
90%	13525 cd

Conditions:
Number of c-planes: 8
Candela at center: 15027 cd



iso-illuminance Diagram

3%	4.51 lx
5%	7.51 lx
10%	15.0 lx
30%	45.1 lx
50%	75.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 150 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Report Summary

Output

Total Lumens: 4635 lm
Peak Intensity: 13976 cd
Illuminance @ 5m: 557 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.5°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 48°
Horizontal Cutoff Angle (3%): 77.3°
Vertical Cutoff Angle (3%): 68.8°



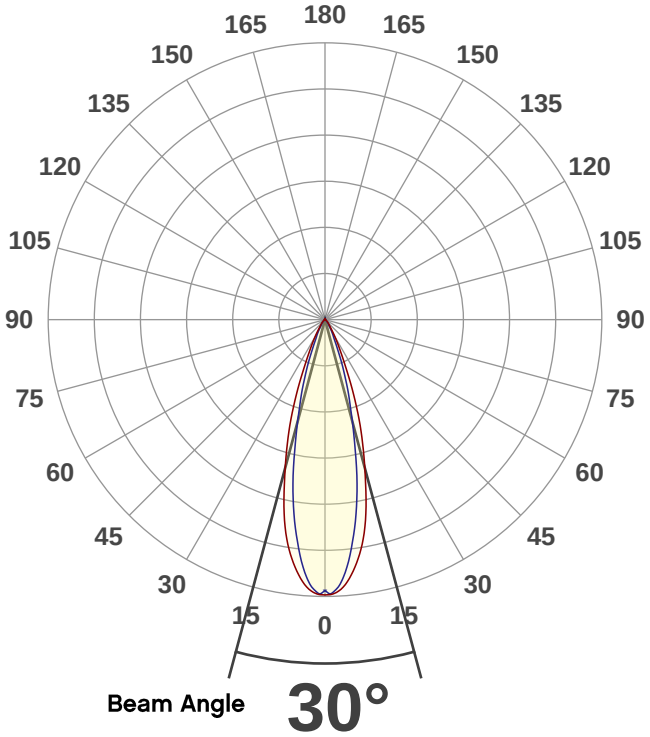
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

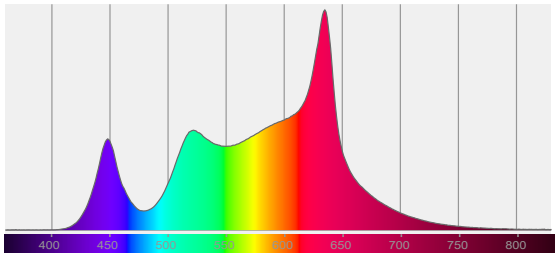
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Overall Measurement

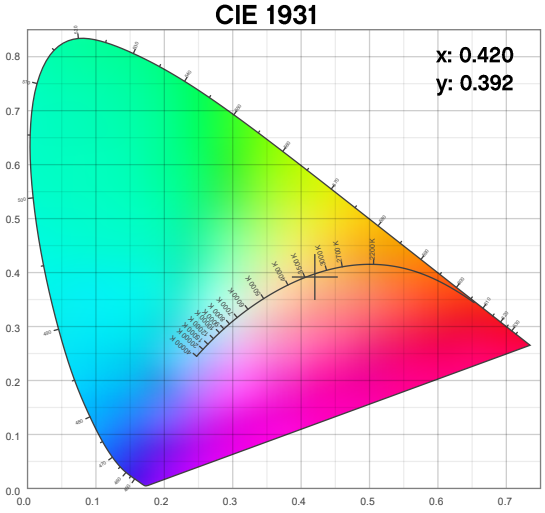
Angular Beam Distribution



Spectral Distribution



CIE 1931

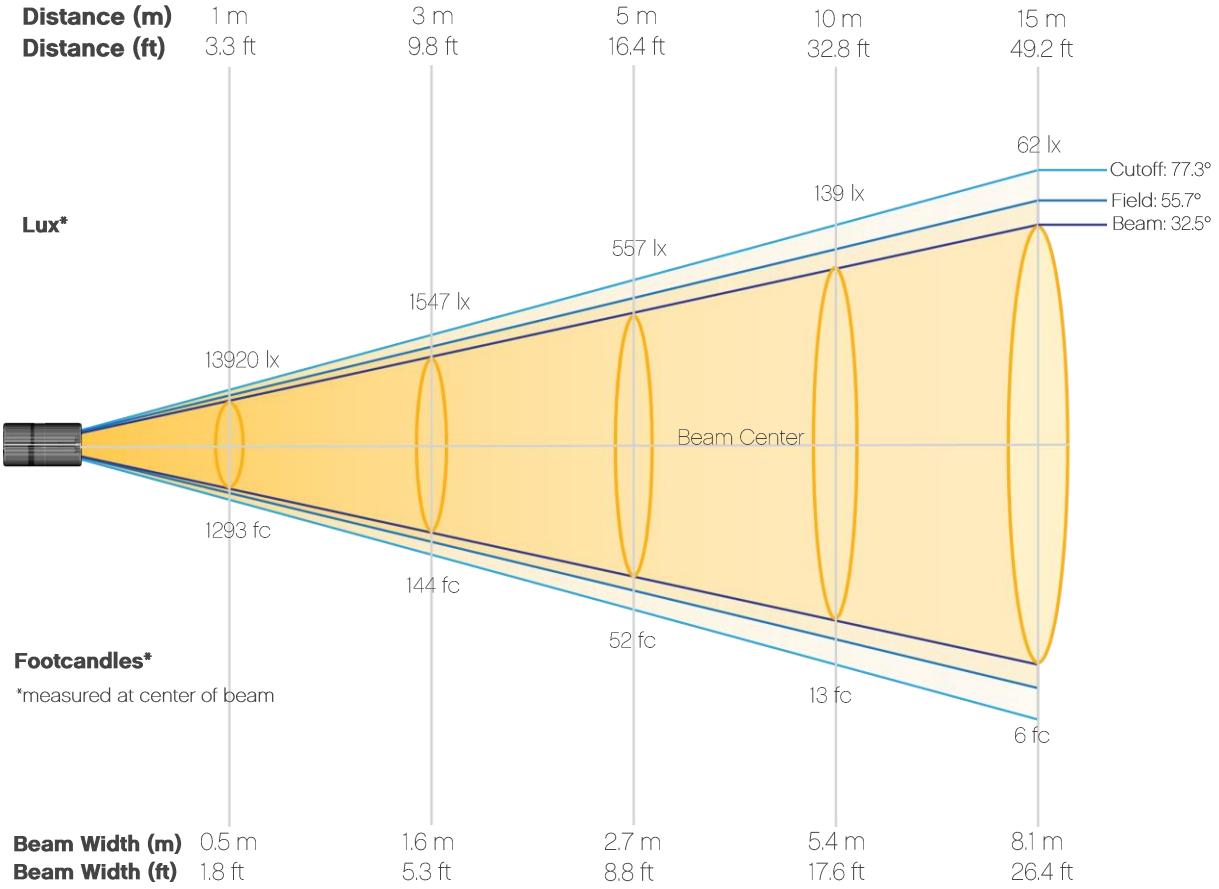


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

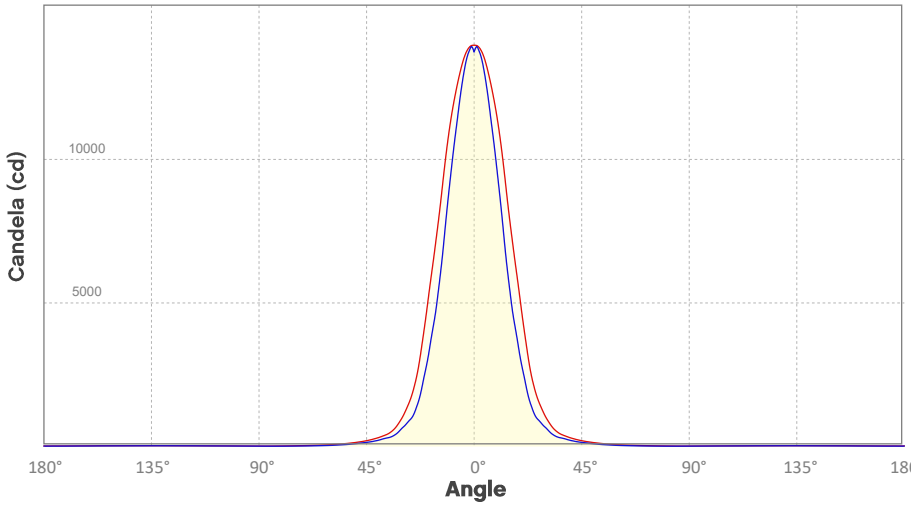
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13920	3480	1547	870	557	387	284	217	172	139
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	115	97	82	71	62	54	48	43	39	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1293	323	144	81	52	36	26	20	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	4	4	4	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

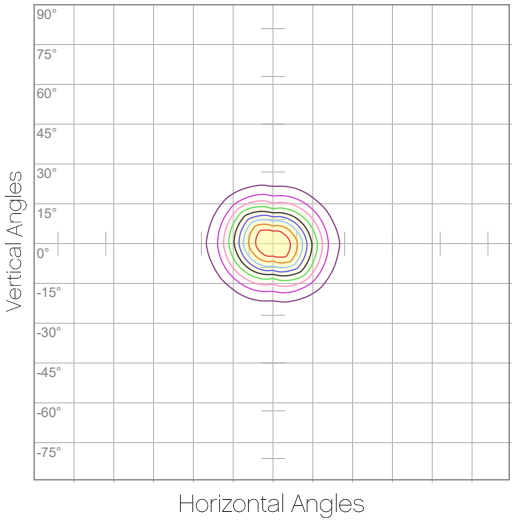
Candela Plot



Beam Angle (50%): 30°
Field Angle (10%): 52.4°
Cutoff Angle (3%): 73.5°

Horizontal Distribution
Vertical Distribution

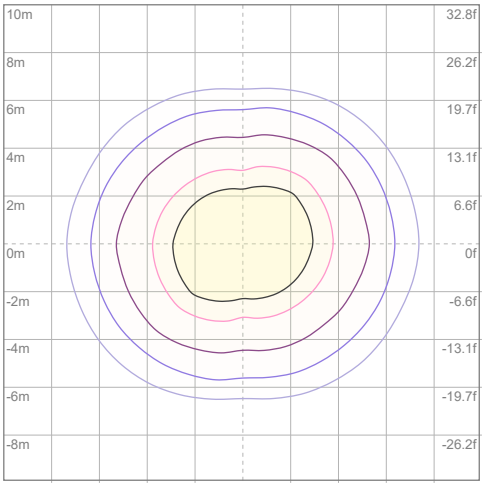
Polar Diagrams



iso-candela Diagram

10%	1392 cd
20%	2784 cd
30%	4176 cd
40%	5568 cd
50%	6960 cd
60%	8352 cd
70%	9744 cd
80%	11136 cd
90%	12528 cd

Conditions:
Number of c-planes: 8
Candela at center: 13920 cd



iso-illuminance Diagram

3%	4.18 lx
5%	6.96 lx
10%	13.9 lx
30%	41.8 lx
50%	69.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 139 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

Report Summary

Output

Total Lumens: 2035 lm
Peak Intensity: 5721 cd
Illuminance @ 5m: 226 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.4°
Vertical Beam Angle (50%): 28.3°
Horizontal Field Angle (10%): 55.5°
Vertical Field Angle (10%): 51.8°
Horizontal Cutoff Angle (3%): 77.1°
Vertical Cutoff Angle (3%): 71.4°



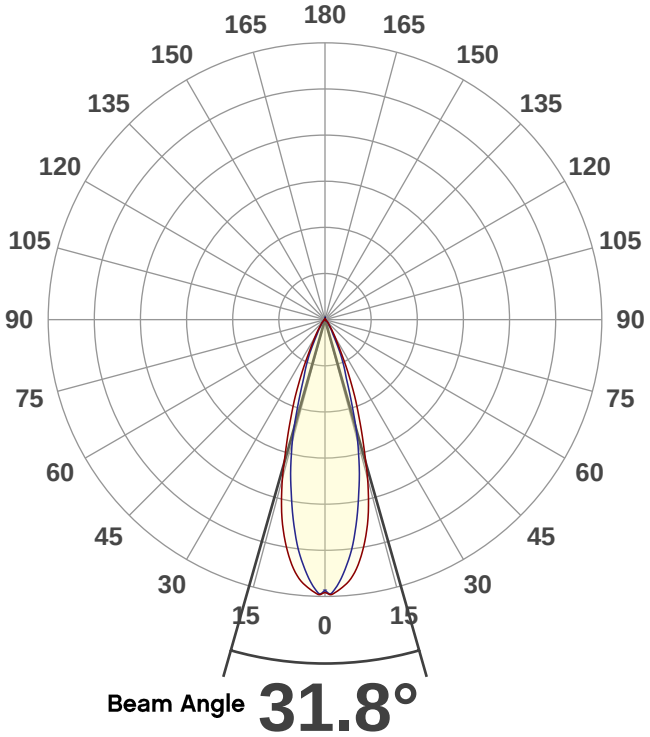
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

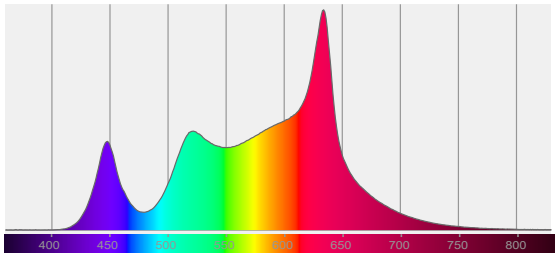
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Overall Measurement

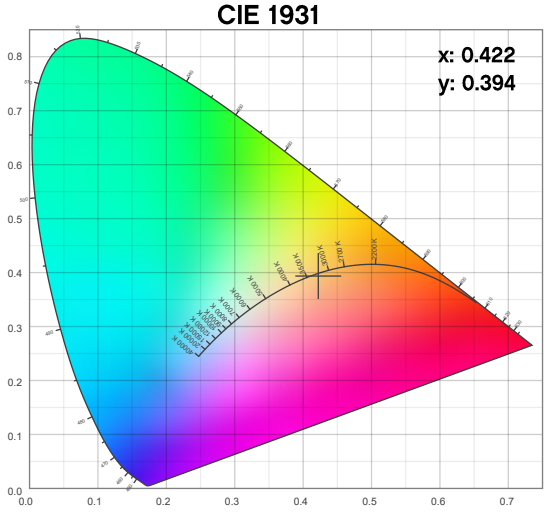
Angular Beam Distribution



Spectral Distribution



CIE 1931

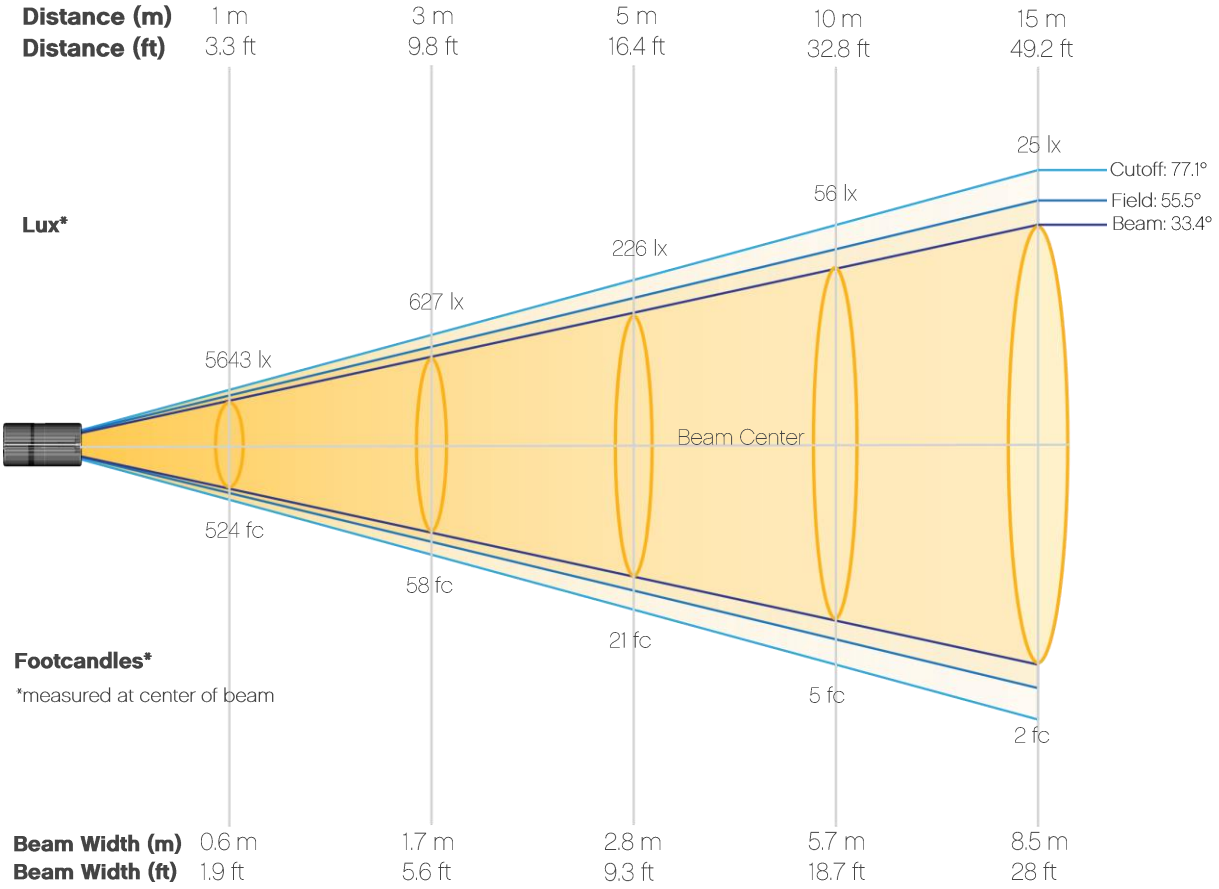


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

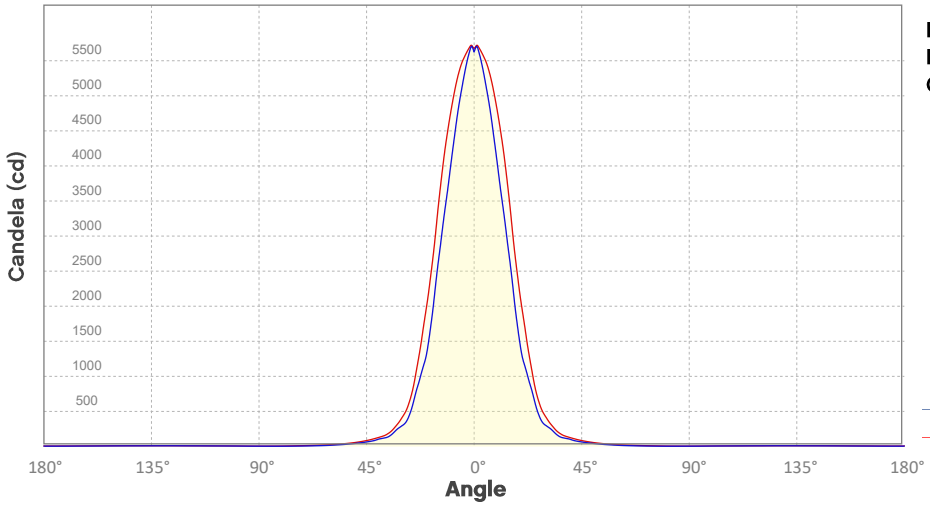
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5643	1411	627	353	226	157	115	88	70	56
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	47	39	33	29	25	22	20	17	16	14
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	524	131	58	33	21	15	11	8	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	4	3	3	2	2	2	2	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

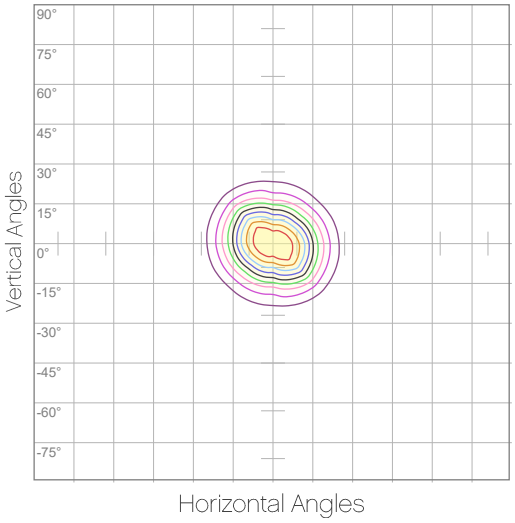
Candela Plot



Beam Angle (50%): 31.8°
Field Angle (10%): 54.1°
Cutoff Angle (3%): 75°

Horizontal Distribution
Vertical Distribution

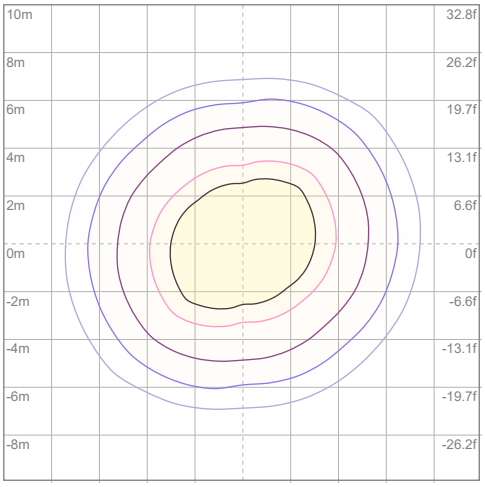
Polar Diagrams



iso-candela Diagram

10%	564 cd
20%	1129 cd
30%	1693 cd
40%	2257 cd
50%	2822 cd
60%	3386 cd
70%	3950 cd
80%	4514 cd
90%	5079 cd

Conditions:
Number of c-planes: 8
Candela at center: 5643 cd



iso-illuminance Diagram

3%	1.69 lx
5%	2.82 lx
10%	5.64 lx
30%	16.9 lx
50%	28.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 56.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Report Summary

Output

Total Lumens: 1282 lm
Peak Intensity: 4786 cd
Illuminance @ 5m: 175 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 29.7°
Vertical Beam Angle (50%): 24.3°
Horizontal Field Angle (10%): 55.9°
Vertical Field Angle (10%): 44.7°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 65.7°



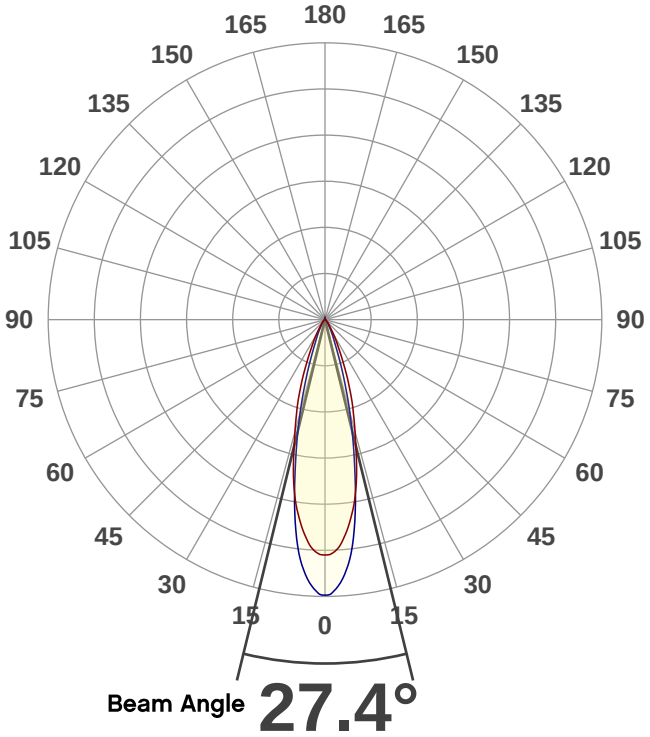
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

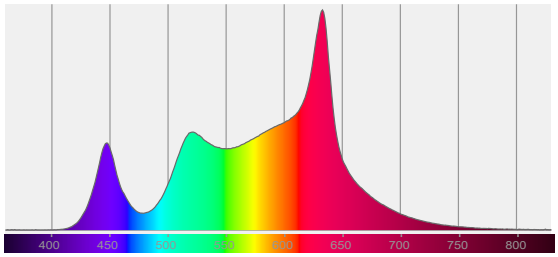
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Overall Measurement

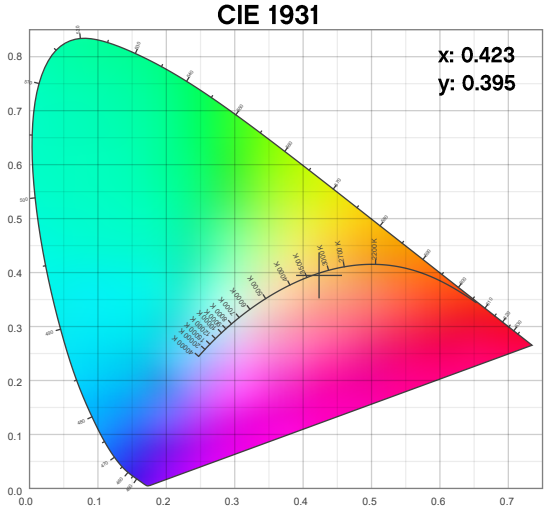
Angular Beam Distribution



Spectral Distribution



CIE 1931

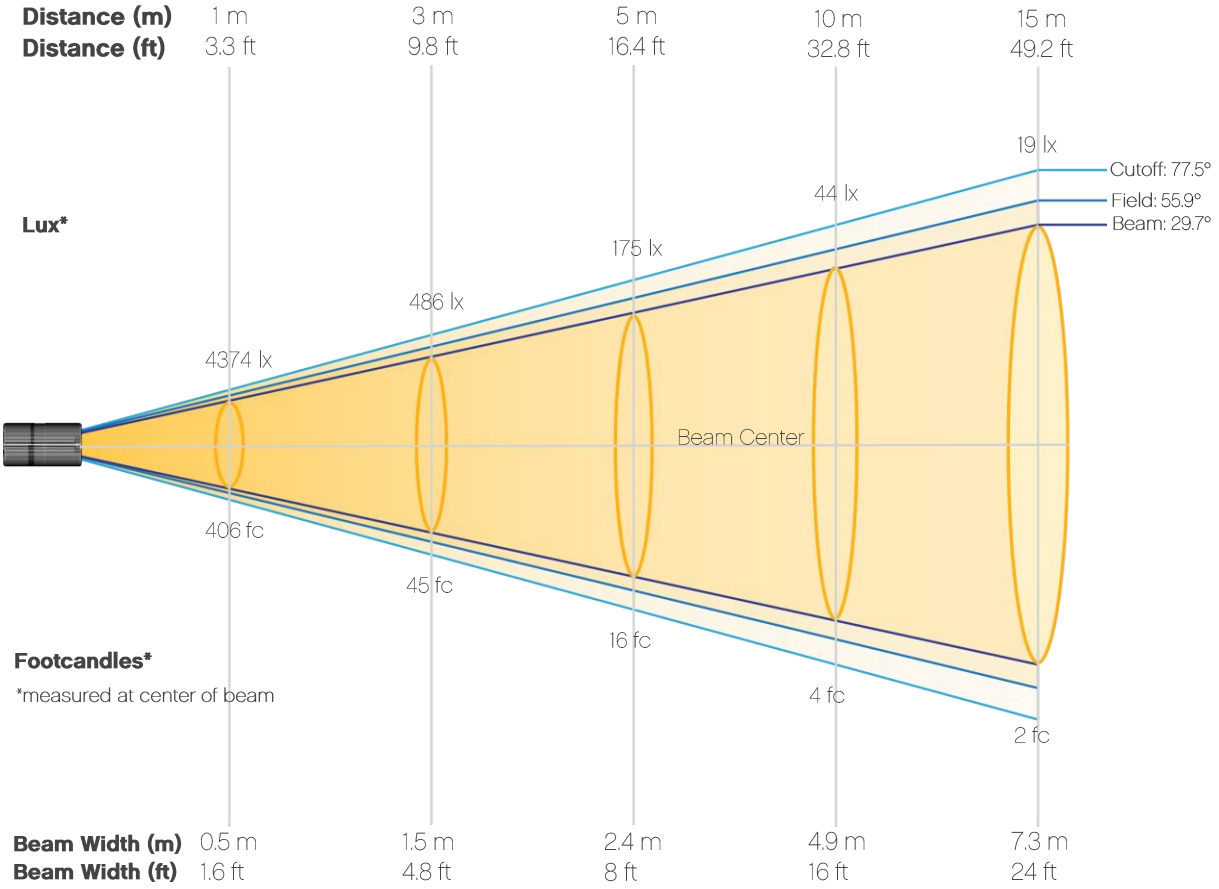


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

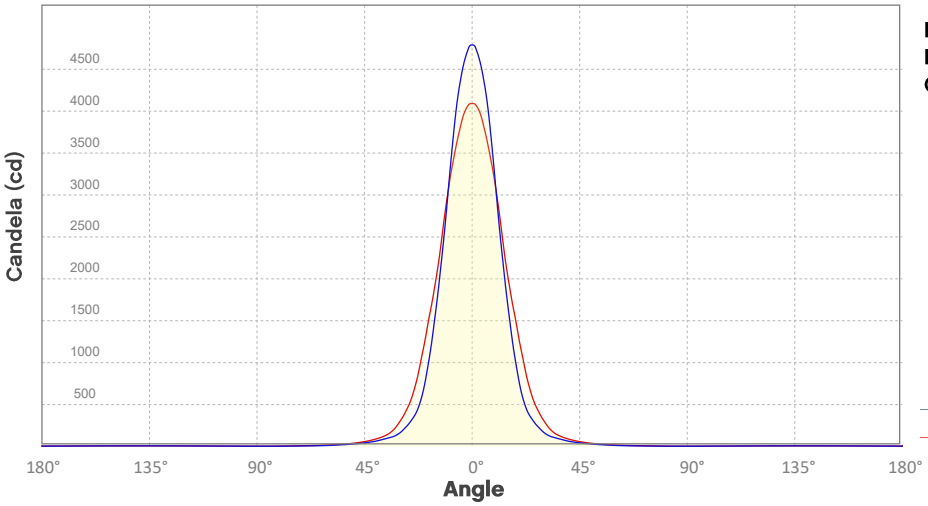
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4374	1094	486	273	175	122	89	68	54	44
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	36	30	26	22	19	17	15	14	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	406	102	45	25	16	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K

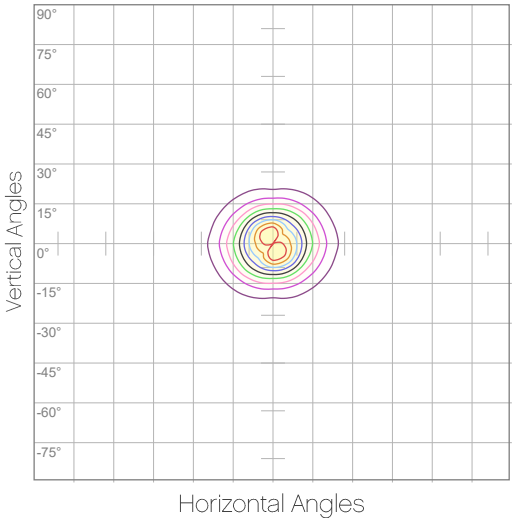
Candela Plot



Beam Angle (50%): 27.4°
Field Angle (10%): 50.6°
Cutoff Angle (3%): 72.4°

Horizontal Distribution
Vertical Distribution

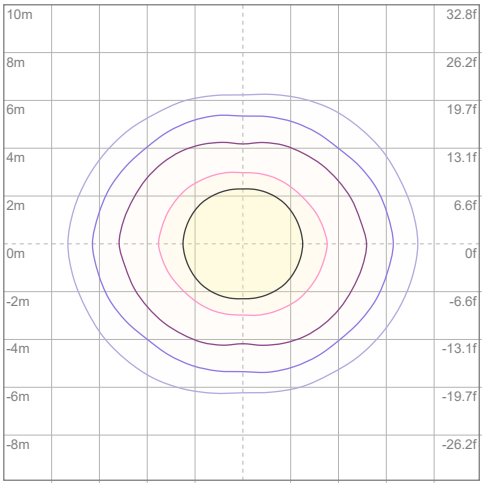
Polar Diagrams



iso-candela Diagram

10%	437 cd
20%	875 cd
30%	1312 cd
40%	1750 cd
50%	2187 cd
60%	2624 cd
70%	3062 cd
80%	3499 cd
90%	3937 cd

Conditions:
Number of c-planes: 8
Candela at center: 4374 cd



iso-illuminance Diagram

3%	1.31 lx
5%	2.19 lx
10%	4.37 lx
30%	13.1 lx
50%	21.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 43.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

Report Summary

Output

Total Lumens: 900 lm
Peak Intensity: 2822 cd
Illuminance @ 5m: 103 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.5°
Vertical Beam Angle (50%): 28.3°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 52.4°
Horizontal Cutoff Angle (3%): 76.9°
Vertical Cutoff Angle (3%): 72.5°



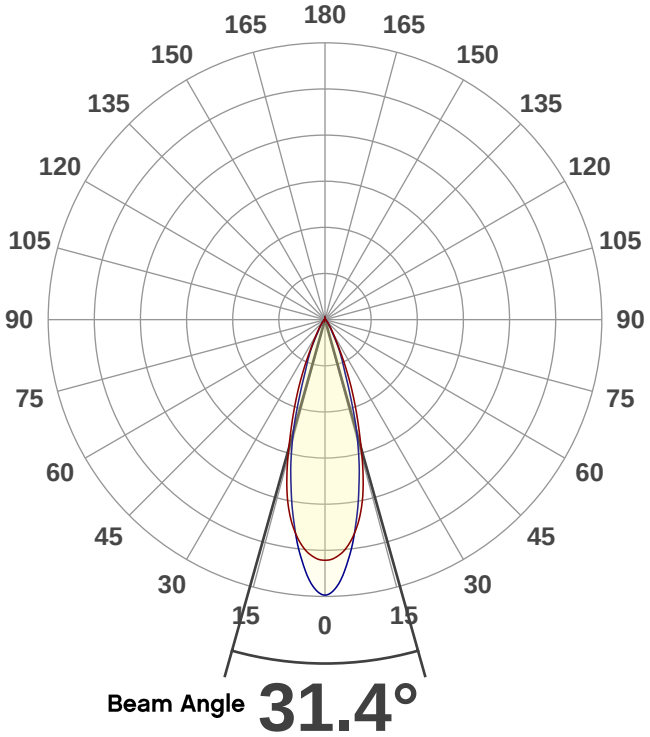
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

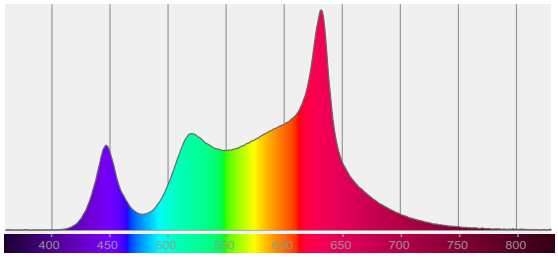
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Overall Measurement

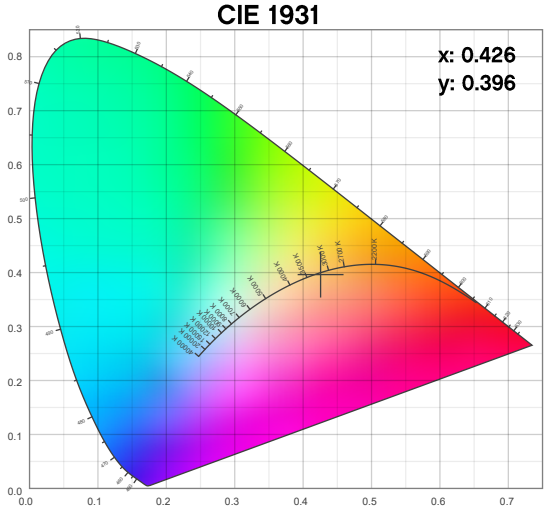
Angular Beam Distribution



Spectral Distribution



CIE 1931

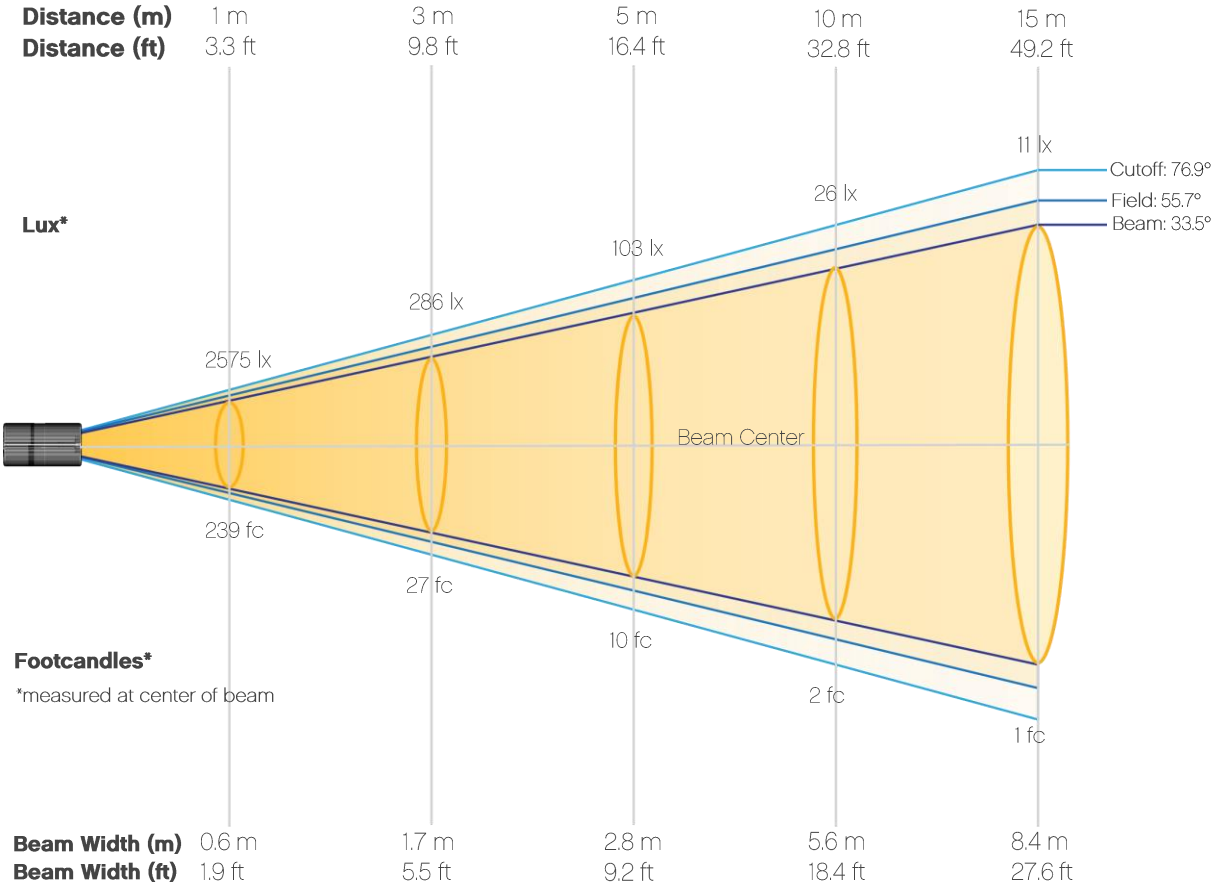


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

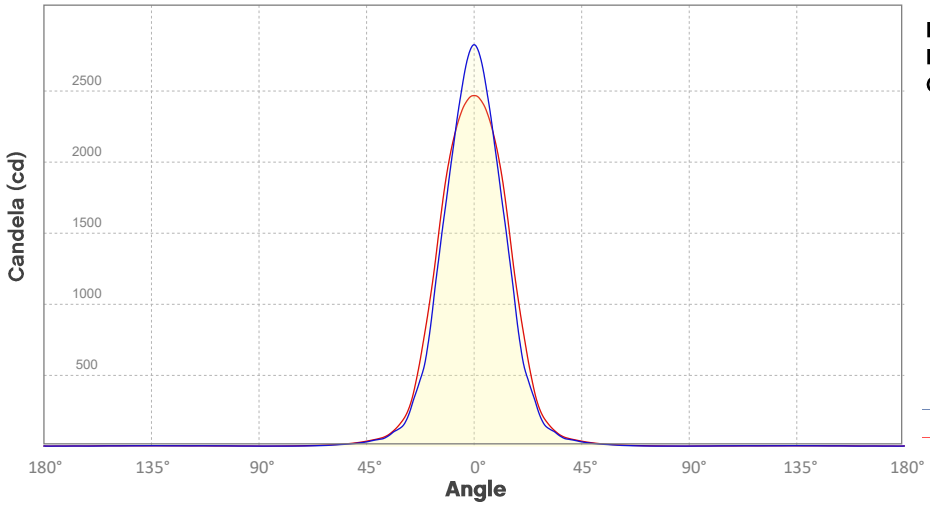
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2575	644	286	161	103	72	53	40	32	26
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	21	18	15	13	11	10	9	8	7	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	239	60	27	15	10	7	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 3200K Only

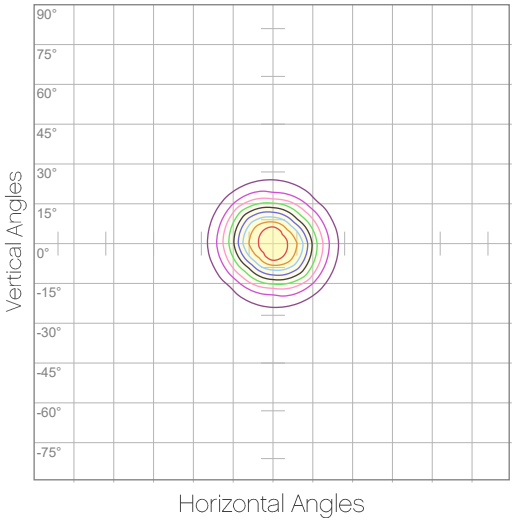
Candela Plot



Beam Angle (50%): 31.4°
Field Angle (10%): 53.9°
Cutoff Angle (3%): 74.9°

Horizontal Distribution
Vertical Distribution

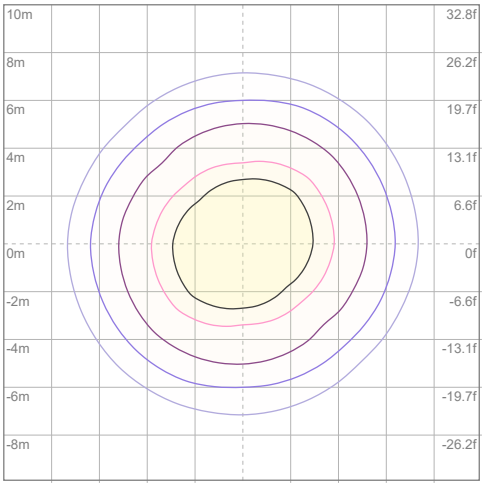
Polar Diagrams



iso-candela Diagram

10%	257 cd
20%	515 cd
30%	772 cd
40%	1030 cd
50%	1287 cd
60%	1545 cd
70%	1802 cd
80%	2060 cd
90%	2317 cd

Conditions:
Number of c-planes: 8
Candela at center: 2575 cd



iso-illuminance Diagram

3%	0.772 lx
5%	1.29 lx
10%	2.57 lx
30%	7.72 lx
50%	12.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 25.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Report Summary

Output

Total Lumens: 4580 lm
Peak Intensity: 15750 cd
Illuminance @ 5m: 628 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 29.7°
Vertical Beam Angle (50%): 24.3°
Horizontal Field Angle (10%): 55.6°
Vertical Field Angle (10%): 44.7°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 65.9°



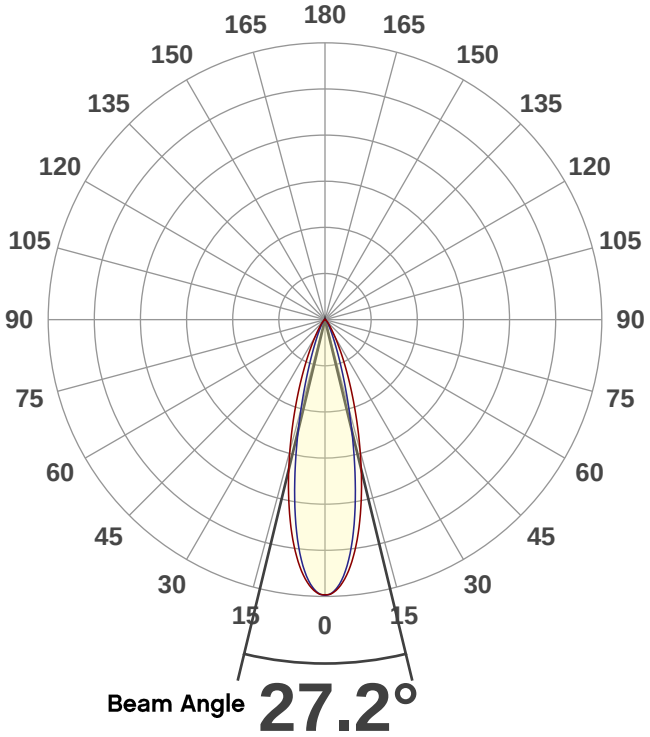
Conditions

AC Supply: 119 V, 60 Hz
Power: 396.55 W
Current: 3.32 A
Power Factor: 1.0

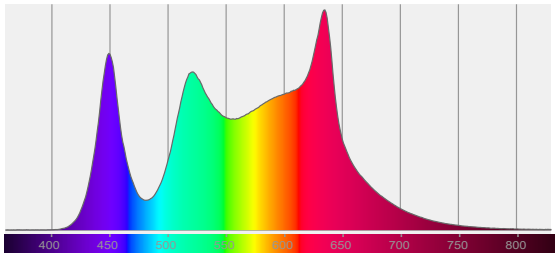
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Overall Measurement

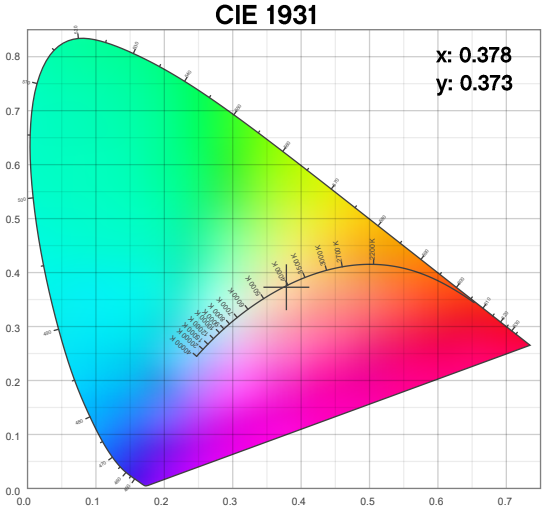
Angular Beam Distribution



Spectral Distribution



CIE 1931

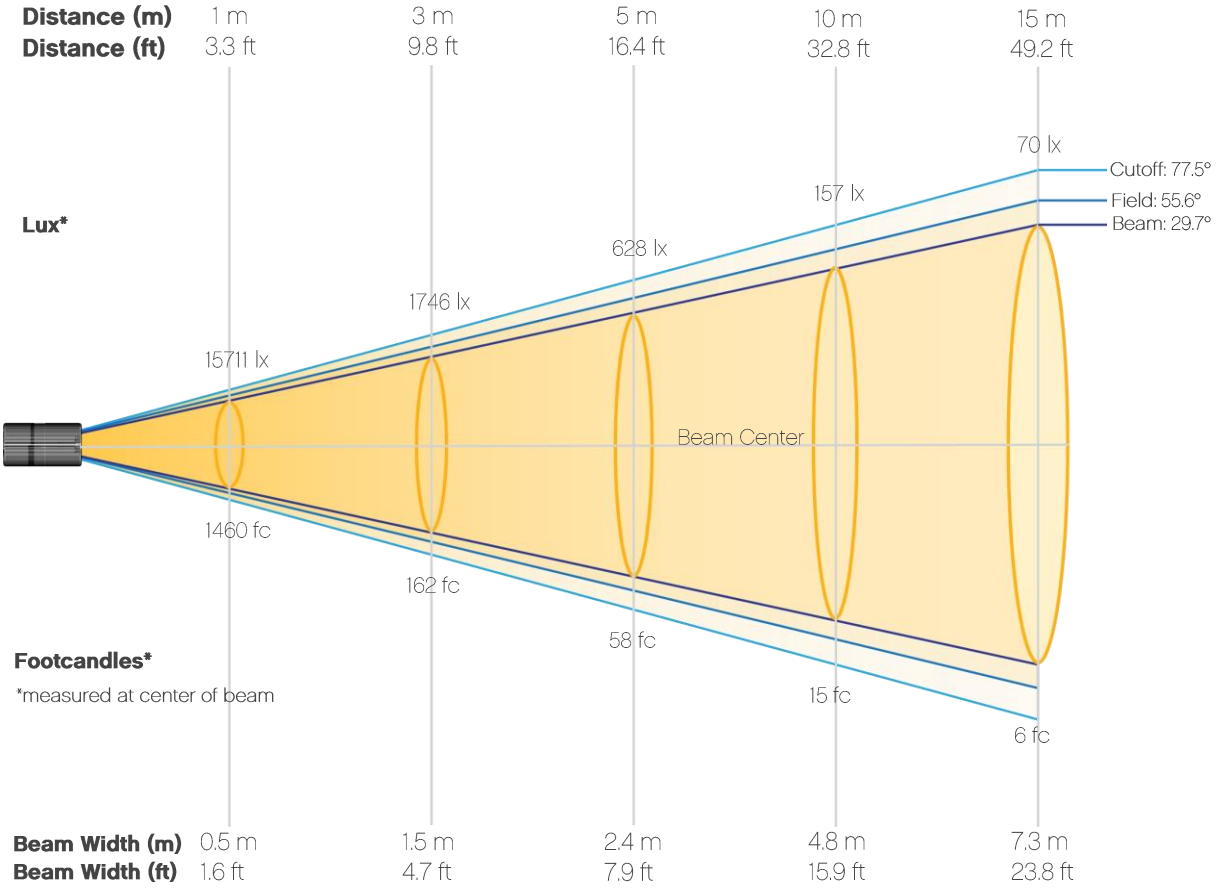


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

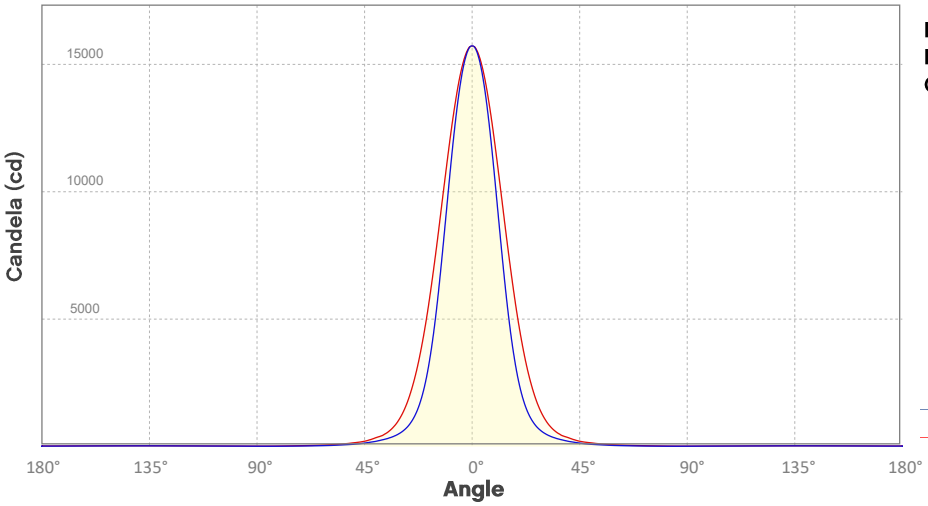
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15711	3928	1746	982	628	436	321	245	194	157
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	130	109	93	80	70	61	54	48	44	39
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1460	365	162	91	58	41	30	23	18	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	7	6	6	5	5	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

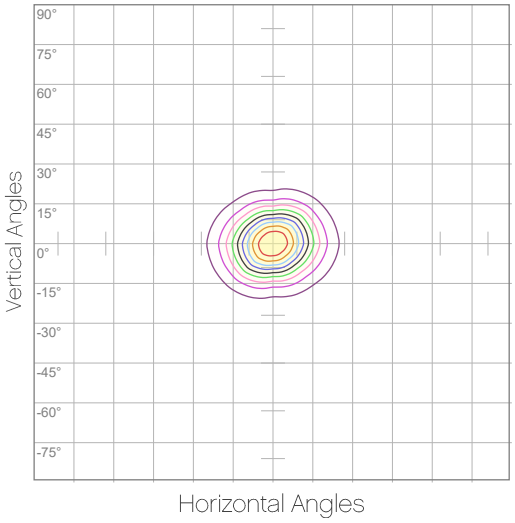
Candela Plot



Beam Angle (50%): 27.2°
Field Angle (10%): 50.2°
Cutoff Angle (3%): 72°

Horizontal Distribution
Vertical Distribution

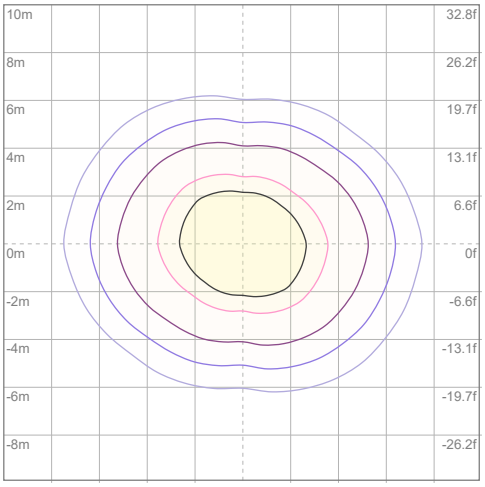
Polar Diagrams



iso-candela Diagram

10%	1571 cd
20%	3142 cd
30%	4713 cd
40%	6284 cd
50%	7856 cd
60%	9427 cd
70%	10998 cd
80%	12569 cd
90%	14140 cd

Conditions:
Number of c-planes: 8
Candela at center: 15711 cd



iso-illuminance Diagram

3%	4.71 lx
5%	7.86 lx
10%	15.7 lx
30%	47.1 lx
50%	78.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 157 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Report Summary

Output

Total Lumens: 4173 lm
Peak Intensity: 12186 cd
Illuminance @ 5m: 485 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.4°
Vertical Beam Angle (50%): 26.8°
Horizontal Field Angle (10%): 55.4°
Vertical Field Angle (10%): 49.6°
Horizontal Cutoff Angle (3%): 77°
Vertical Cutoff Angle (3%): 70.3°



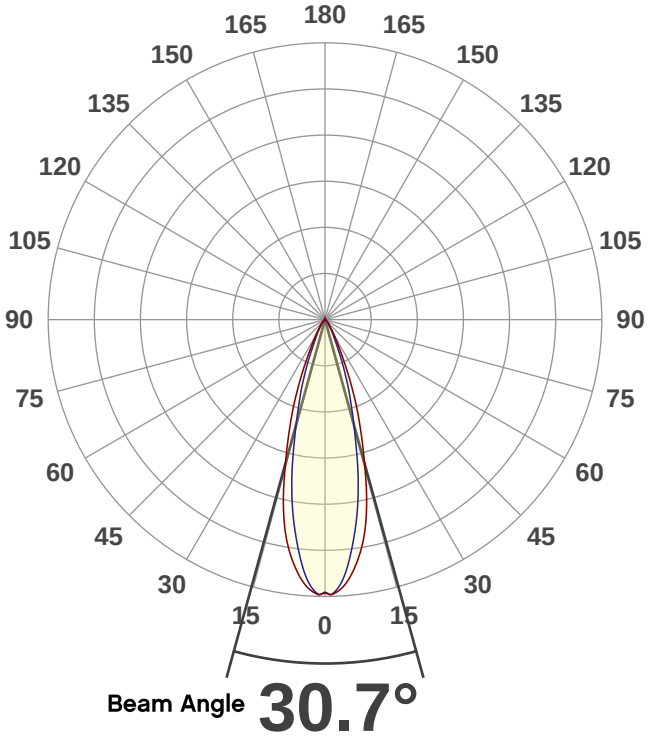
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

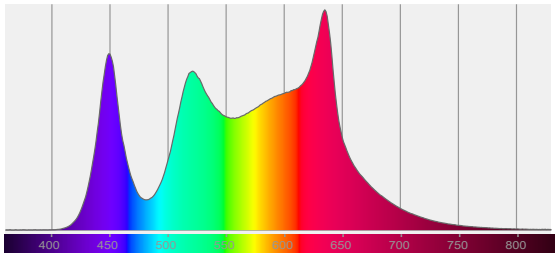
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Overall Measurement

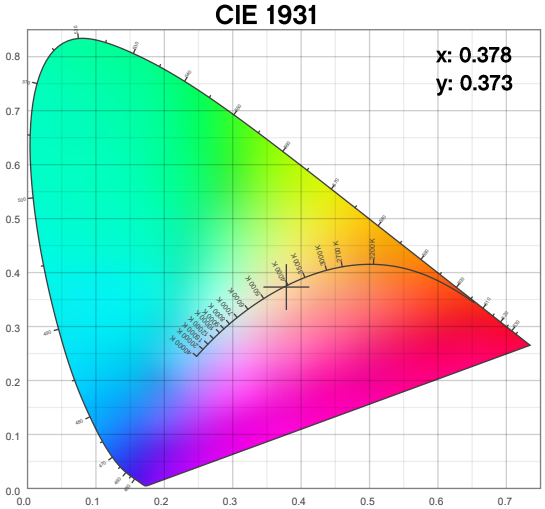
Angular Beam Distribution



Spectral Distribution



CIE 1931

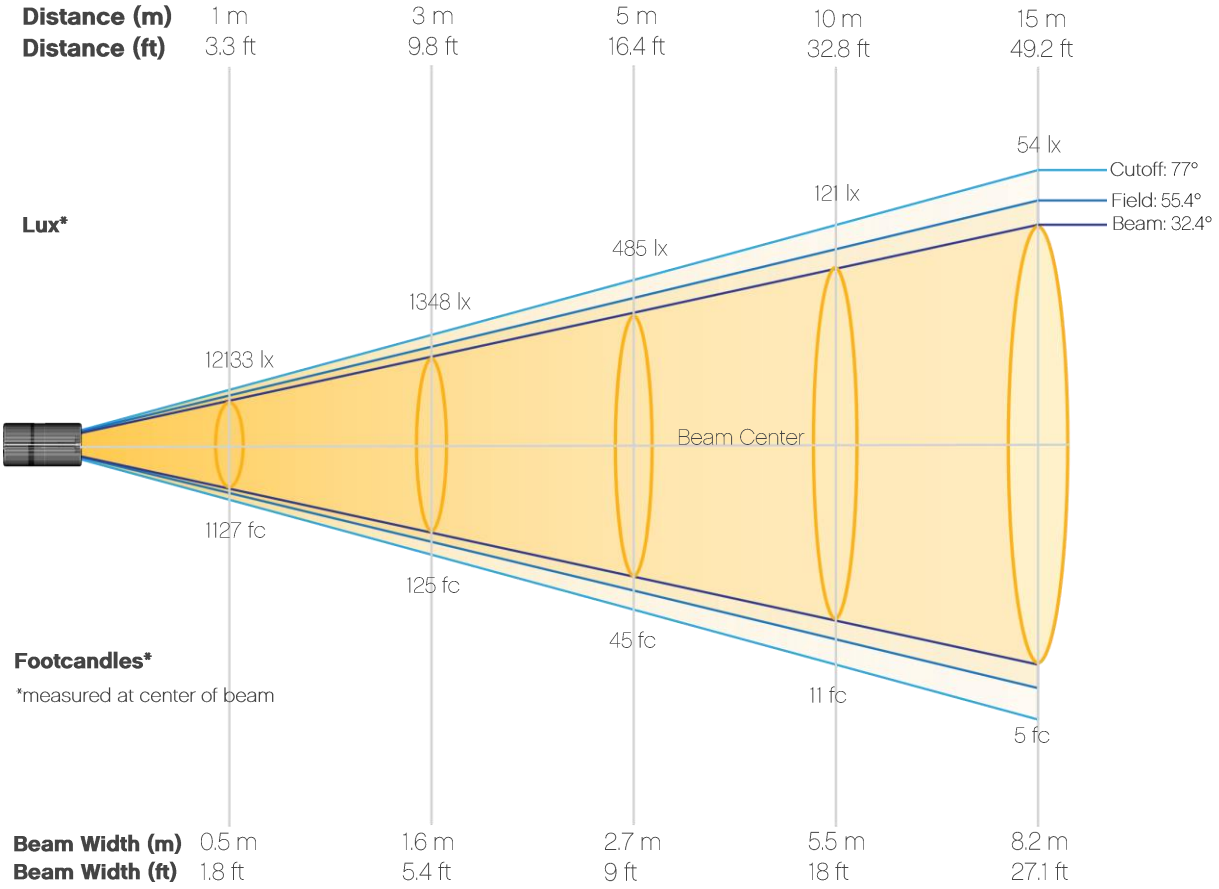


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

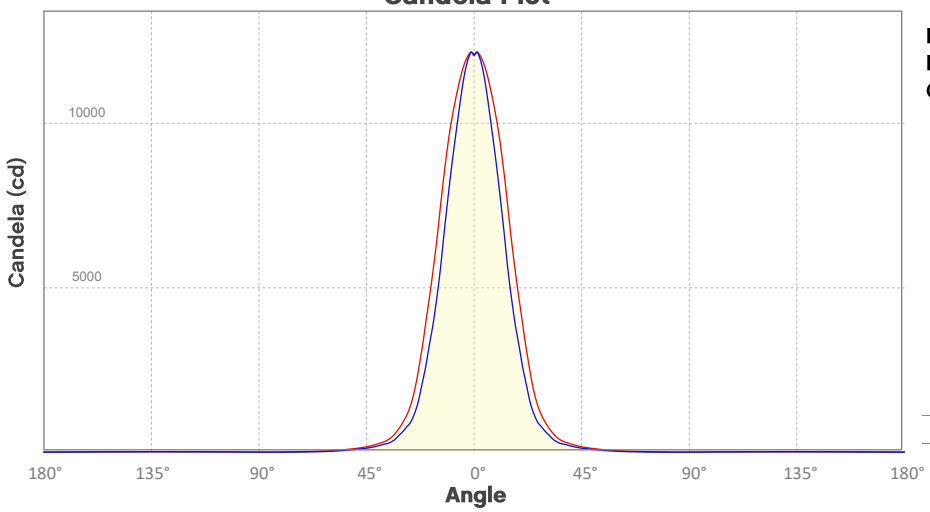
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12133	3033	1348	758	485	337	248	190	150	121
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	100	84	72	62	54	47	42	37	34	30
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1127	282	125	70	45	31	23	18	14	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	7	6	5	4	4	3	3	3

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

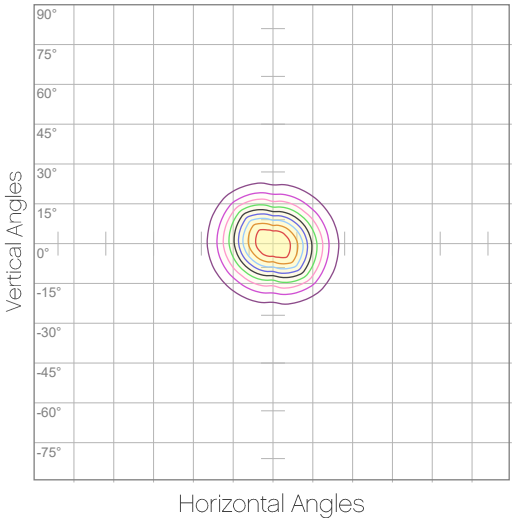
Candela Plot



Beam Angle (50%): 30.7°
Field Angle (10%): 53.2°
Cutoff Angle (3%): 74.5°

Horizontal Distribution
Vertical Distribution

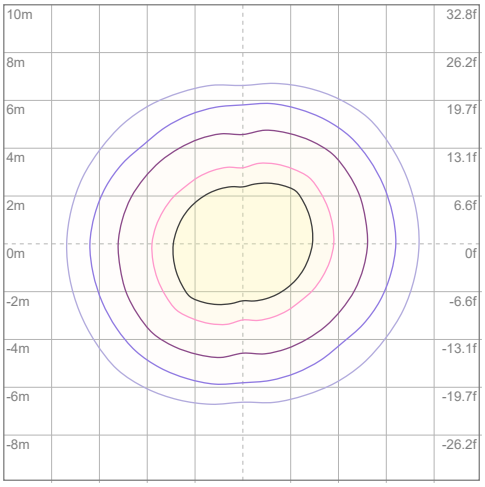
Polar Diagrams



iso-candela Diagram

10%	1213 cd
20%	2427 cd
30%	3640 cd
40%	4853 cd
50%	6066 cd
60%	7280 cd
70%	8493 cd
80%	9706 cd
90%	10920 cd

Conditions:
Number of c-planes: 8
Candela at center: 12133 cd



iso-illuminance Diagram

3%	3.64 lx
5%	6.07 lx
10%	12.1 lx
30%	36.4 lx
50%	60.7 lx

Conditions:
Number of c-planes: 8
Lux at center: 121 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only

Report Summary

Output

Total Lumens: 2531 lm
Peak Intensity: 7616 cd
Illuminance @ 5m: 303 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.6°
Vertical Beam Angle (50%): 25.9°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 48.3°
Horizontal Cutoff Angle (3%): 77.1°
Vertical Cutoff Angle (3%): 69.2°



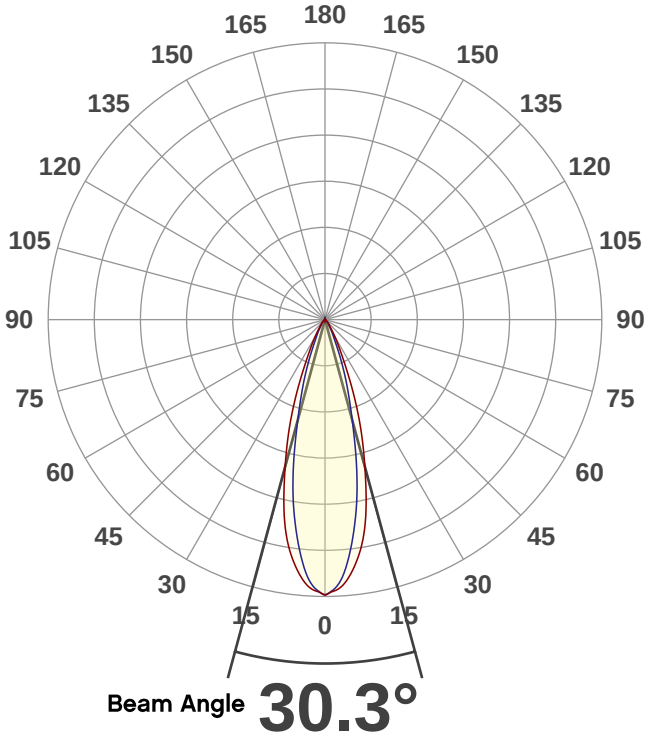
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

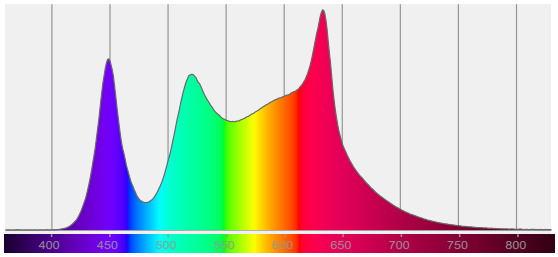
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Overall Measurement

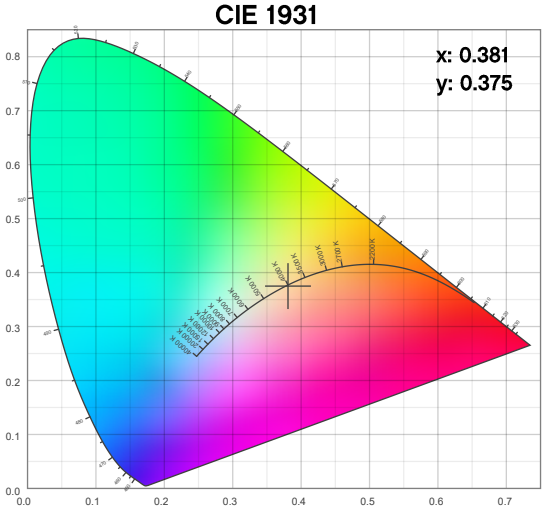
Angular Beam Distribution



Spectral Distribution



CIE 1931

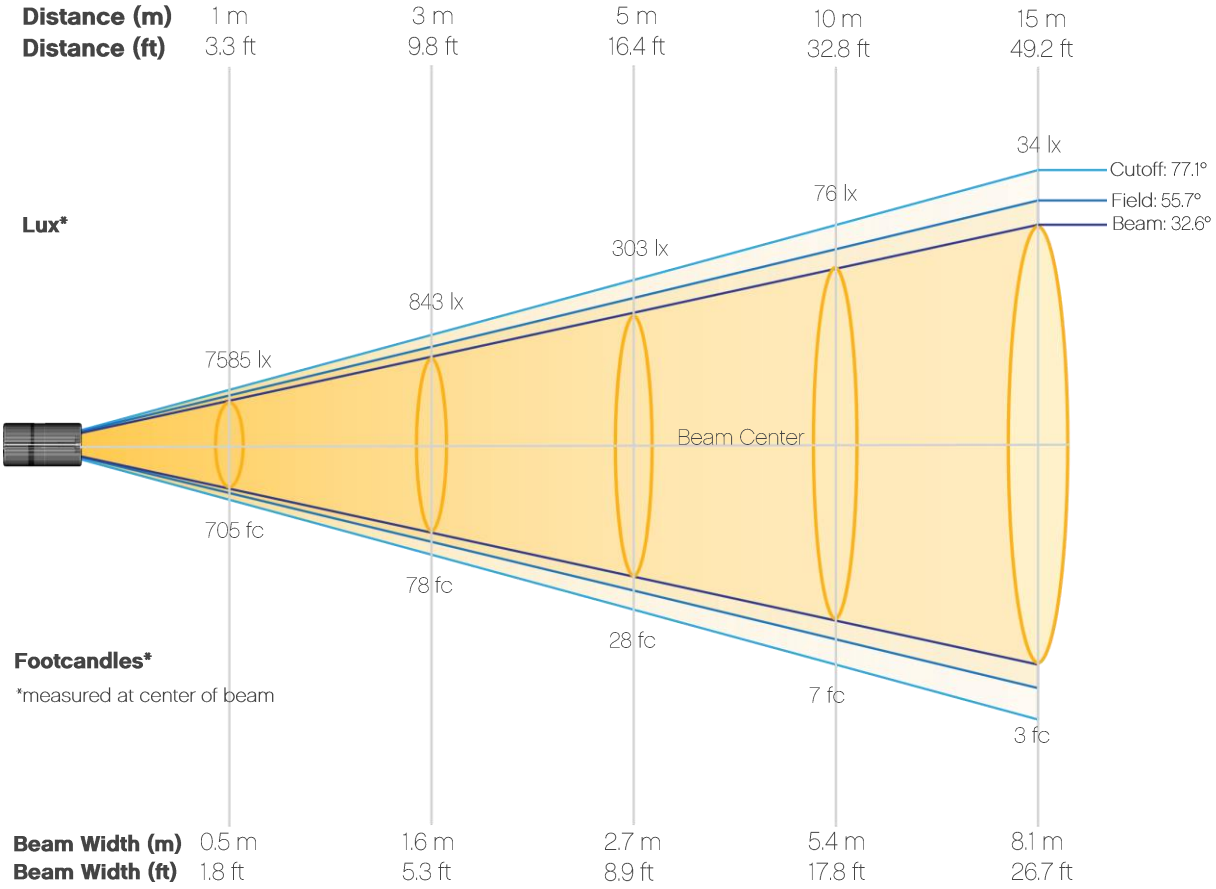


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only

Beam Details



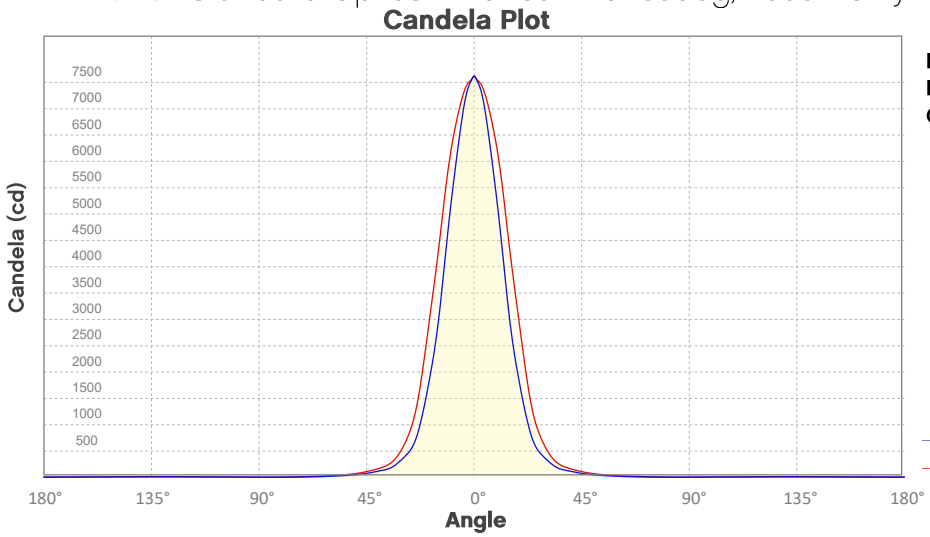
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7585	1896	843	474	303	211	155	119	94	76
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	63	53	45	39	34	30	26	23	21	19
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	705	176	78	44	28	20	14	11	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	2	2	2	2

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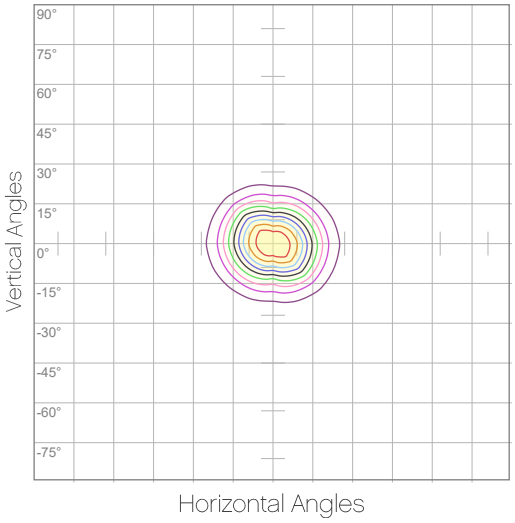
Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only



Beam Angle (50%): 30.3°
Field Angle (10%): 52.7°
Cutoff Angle (3%): 74.1°

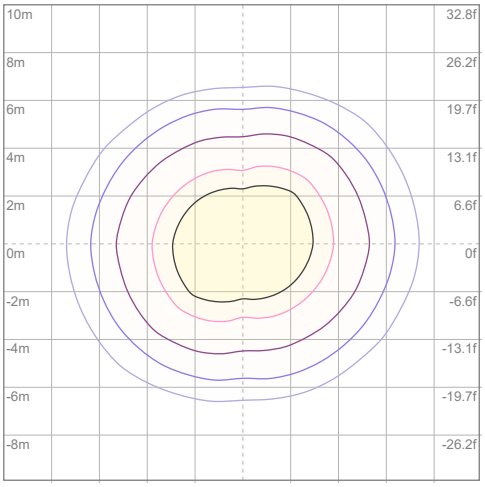
Polar Diagrams



iso-candela Diagram

10%	758 cd
20%	1517 cd
30%	2275 cd
40%	3034 cd
50%	3792 cd
60%	4551 cd
70%	5309 cd
80%	6068 cd
90%	6826 cd

Conditions:
Number of c-planes: 8
Candela at center: 7585 cd



iso-illuminance Diagram

3%	2.28 lx
5%	3.79 lx
10%	7.58 lx
30%	22.8 lx
50%	37.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 75.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Report Summary

Output

Total Lumens: 1350 lm
Peak Intensity: 5031 cd
Illuminance @ 5m: 184 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 29.9°
Vertical Beam Angle (50%): 24.4°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 44.7°
Horizontal Cutoff Angle (3%): 77.6°
Vertical Cutoff Angle (3%): 66.3°



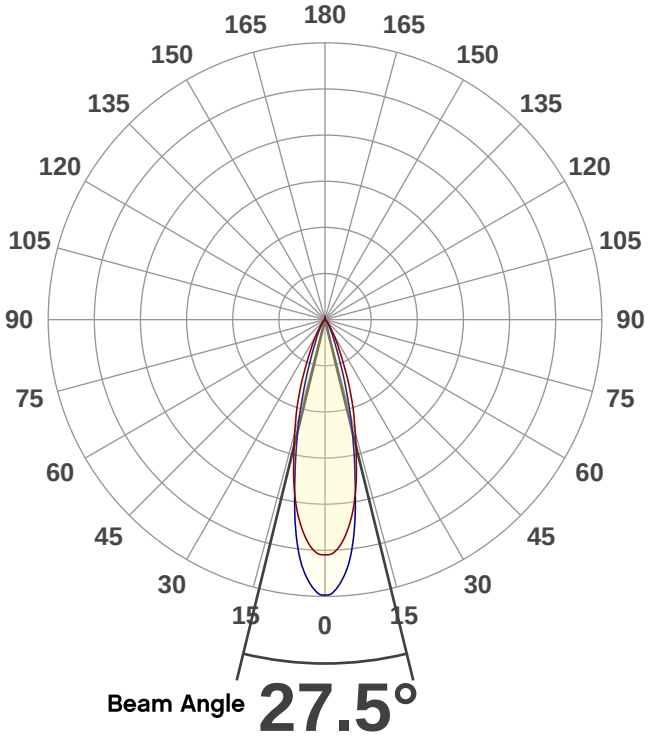
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

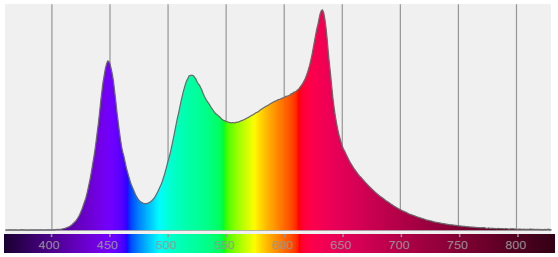
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Overall Measurement

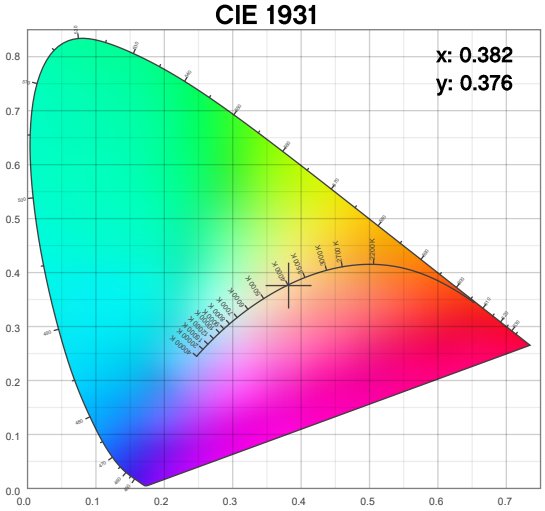
Angular Beam Distribution



Spectral Distribution



CIE 1931

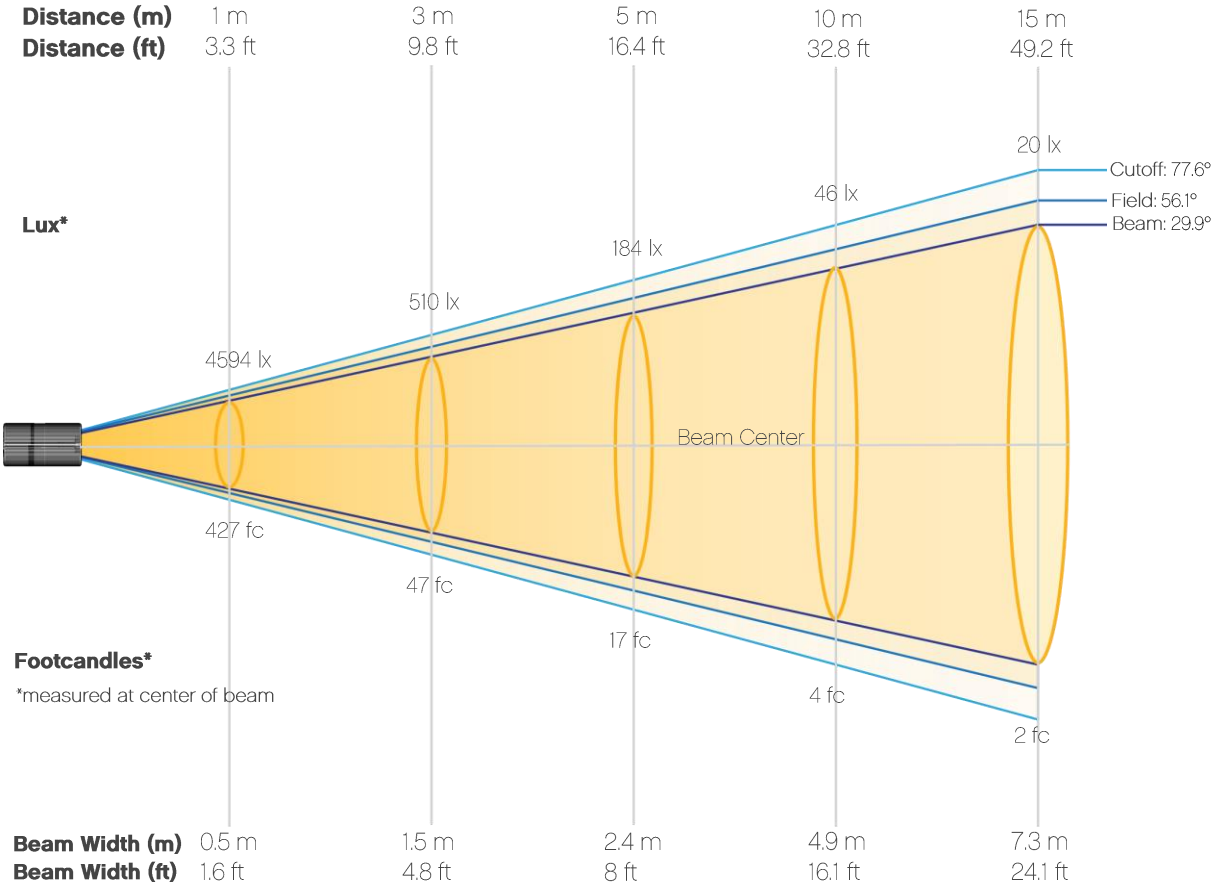


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

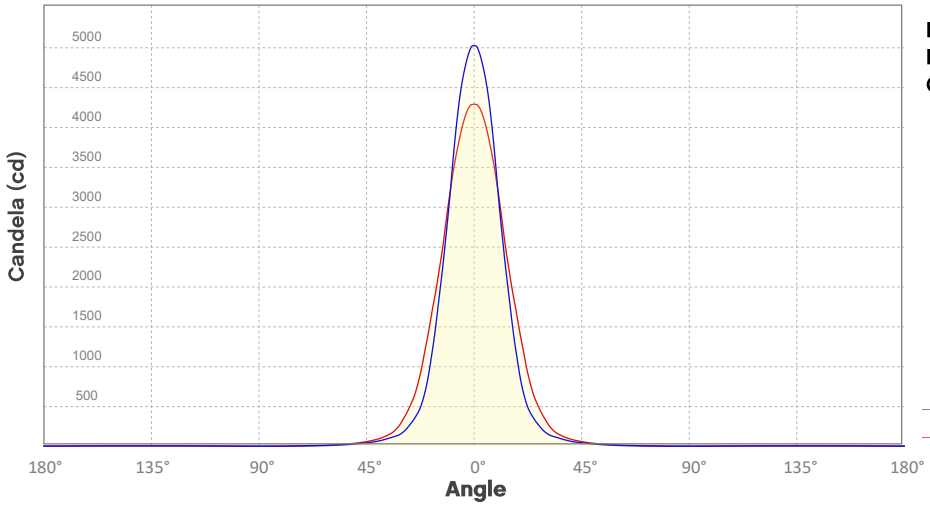
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4594	1148	510	287	184	128	94	72	57	46
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	38	32	27	23	20	18	16	14	13	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	427	107	47	27	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K

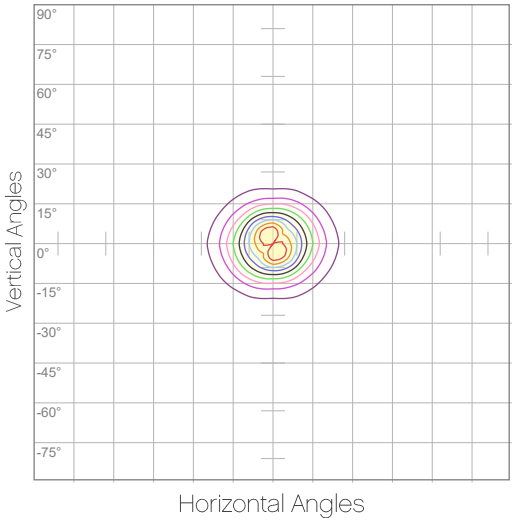
Candela Plot



Beam Angle (50%): 27.5°
Field Angle (10%): 50.6°
Cutoff Angle (3%): 72.6°

Horizontal Distribution
Vertical Distribution

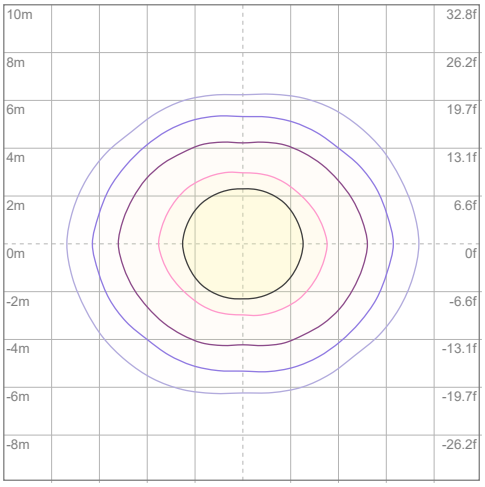
Polar Diagrams



iso-candela Diagram

10%	459 cd
20%	919 cd
30%	1378 cd
40%	1837 cd
50%	2297 cd
60%	2756 cd
70%	3215 cd
80%	3675 cd
90%	4134 cd

Conditions:
Number of c-planes: 8
Candela at center: 4594 cd



iso-illuminance Diagram

3%	1.38 lx
5%	2.30 lx
10%	4.59 lx
30%	13.8 lx
50%	23.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 45.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only

Report Summary

Output

Total Lumens: 958 lm
Peak Intensity: 2833 cd
Illuminance @ 5m: 106 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.5°
Vertical Beam Angle (50%): 29.1°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 53°
Horizontal Cutoff Angle (3%): 77.2°
Vertical Cutoff Angle (3%): 73.7°



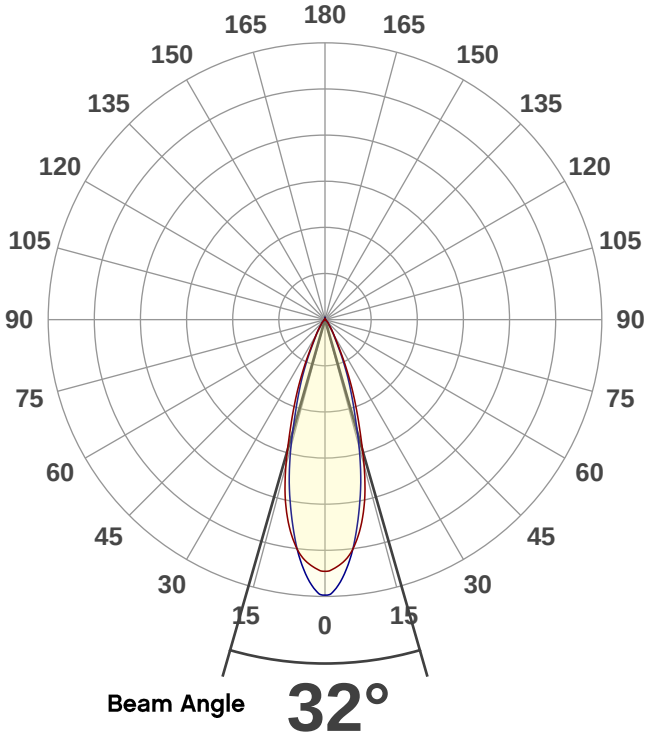
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

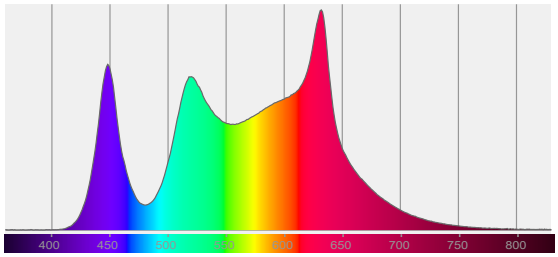
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Overall Measurement

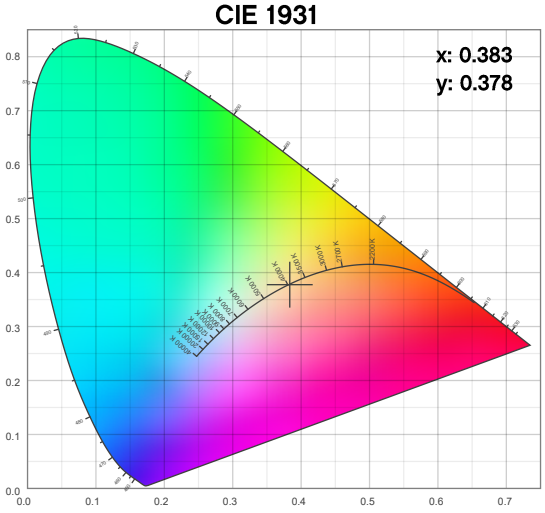
Angular Beam Distribution



Spectral Distribution



CIE 1931

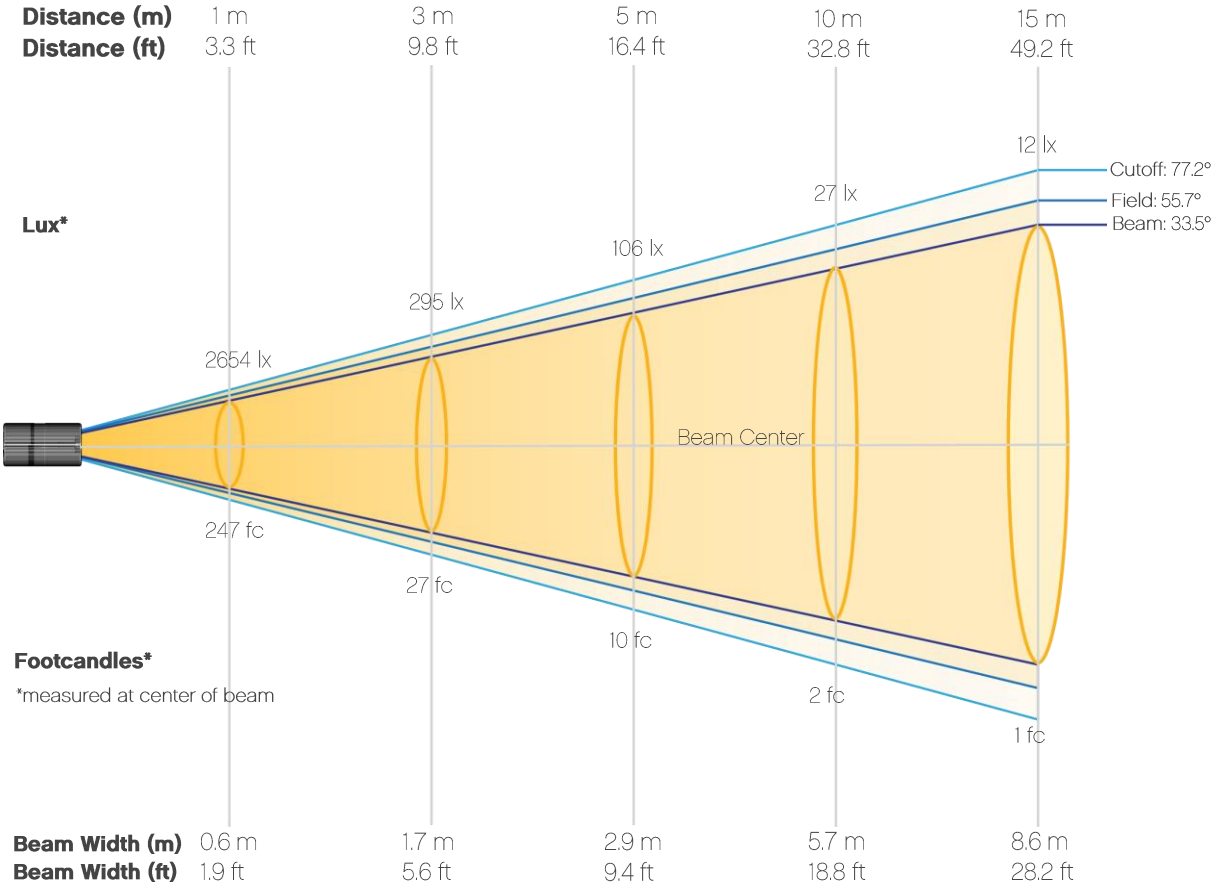


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

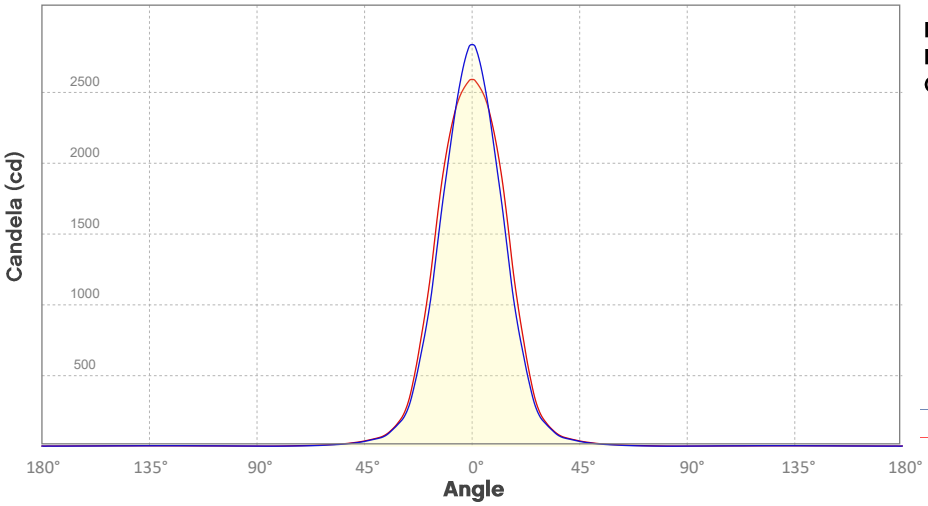
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2654	663	295	166	106	74	54	41	33	27
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	22	18	16	14	12	10	9	8	7	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	247	62	27	15	10	7	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 4000K Only

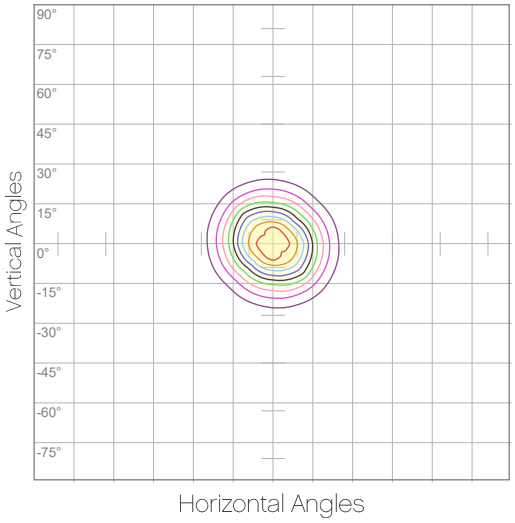
Candela Plot



Beam Angle (50%): 32°
Field Angle (10%): 54.5°
Cutoff Angle (3%): 75.7°

Horizontal Distribution
Vertical Distribution

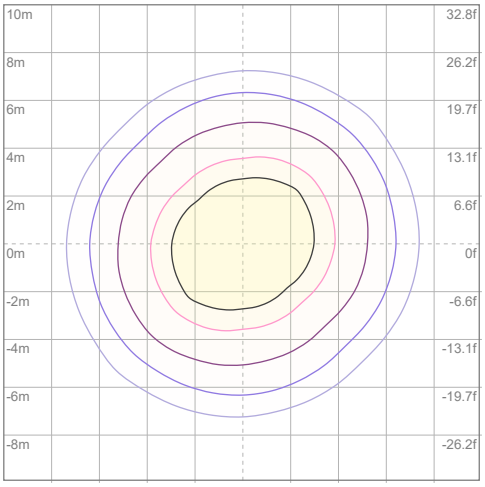
Polar Diagrams



iso-candela Diagram

10%	265 cd
20%	531 cd
30%	796 cd
40%	1062 cd
50%	1327 cd
60%	1592 cd
70%	1858 cd
80%	2123 cd
90%	2389 cd

Conditions:
Number of c-planes: 8
Candela at center: 2654 cd



iso-illuminance Diagram

3%	0.796 lx
5%	1.33 lx
10%	2.65 lx
30%	7.96 lx
50%	13.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 26.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Report Summary

Output

Total Lumens: 5035 lm
Peak Intensity: 17077 cd
Illuminance @ 5m: 680 lux
Fixture Efficacy: 13 lm/W

Optical

Horizontal Beam Angle (50%): 29.8°
Vertical Beam Angle (50%): 24.2°
Horizontal Field Angle (10%): 56.1°
Vertical Field Angle (10%): 44.5°
Horizontal Cutoff Angle (3%): 77.5°
Vertical Cutoff Angle (3%): 65.6°



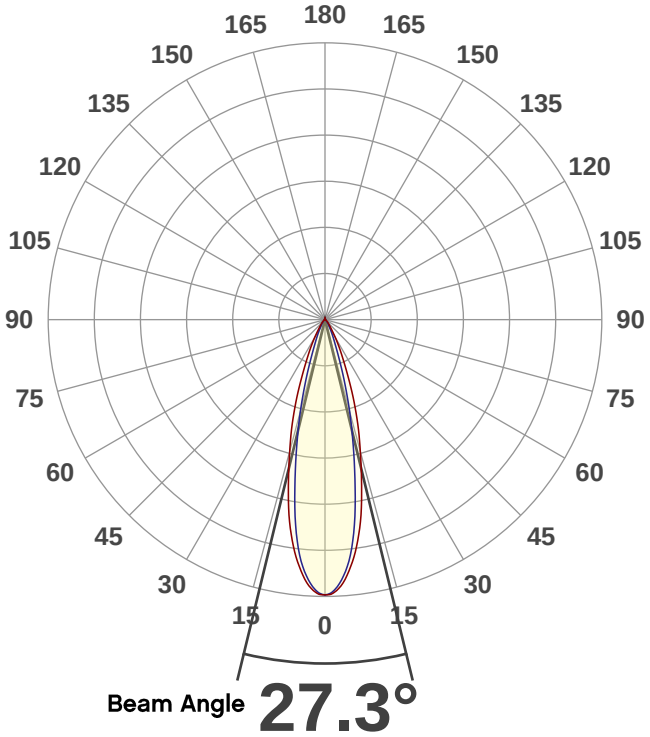
Conditions

AC Supply: 121 V, 60 Hz
Power: 402.64 W
Current: 3.34 A
Power Factor: 1.0

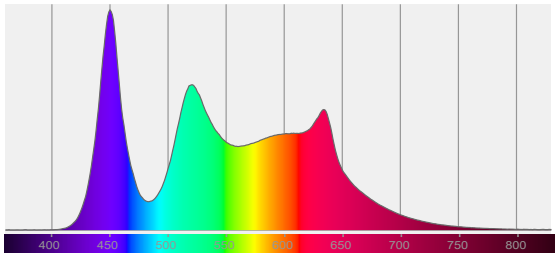
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Overall Measurement

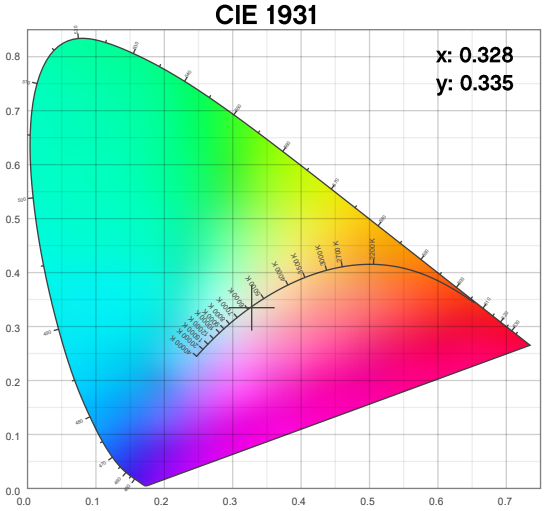
Angular Beam Distribution



Spectral Distribution



CIE 1931

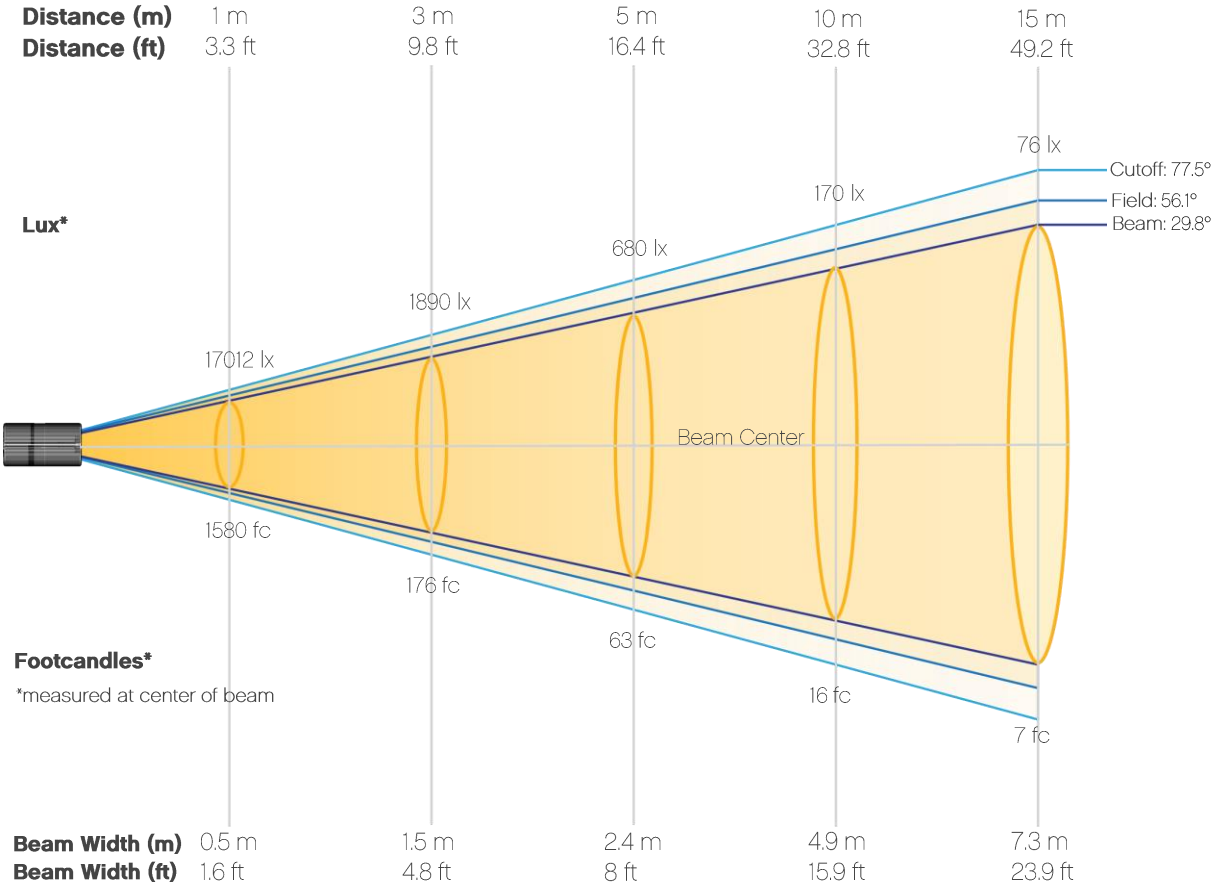


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

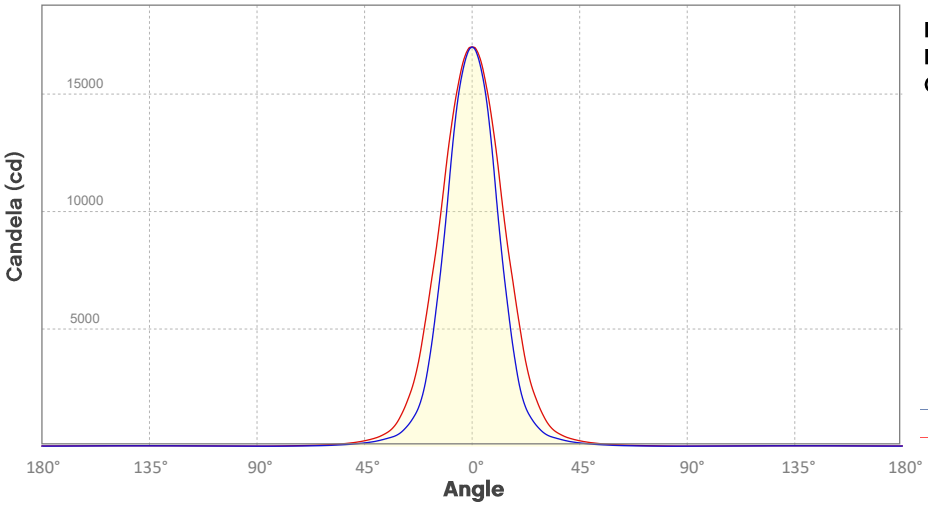
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17012	4253	1890	1063	680	473	347	266	210	170
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	141	118	101	87	76	66	59	53	47	43
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1580	395	176	99	63	44	32	25	20	16
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	13	11	9	8	7	6	5	5	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

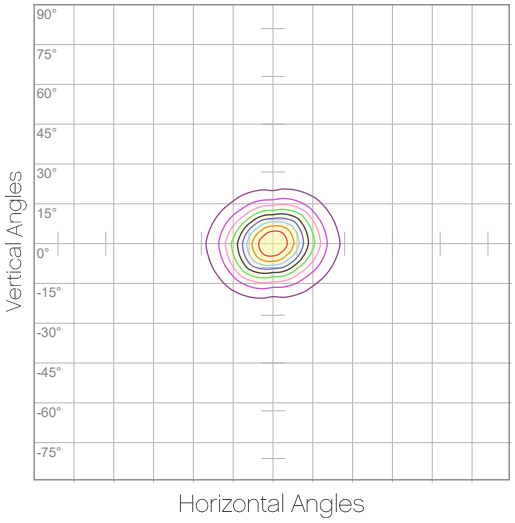
Candela Plot



Beam Angle (50%): 27.3°
Field Angle (10%): 50.5°
Cutoff Angle (3%): 72.3°

Horizontal Distribution
Vertical Distribution

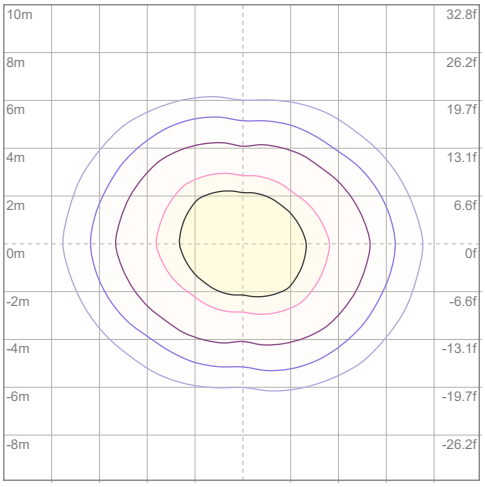
Polar Diagrams



iso-candela Diagram

10%	1701 cd
20%	3402 cd
30%	5104 cd
40%	6805 cd
50%	8506 cd
60%	10207 cd
70%	11908 cd
80%	13610 cd
90%	15311 cd

Conditions:
Number of c-planes: 8
Candela at center: 17012 cd



iso-illuminance Diagram

3%	5.10 lx
5%	8.51 lx
10%	17.0 lx
30%	51.0 lx
50%	85.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 170 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Report Summary

Output

Total Lumens: 5228 lm
Peak Intensity: 15217 cd
Illuminance @ 5m: 604 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 32.4°
Vertical Beam Angle (50%): 27.1°
Horizontal Field Angle (10%): 55.3°
Vertical Field Angle (10%): 50°
Horizontal Cutoff Angle (3%): 77°
Vertical Cutoff Angle (3%): 70.3°



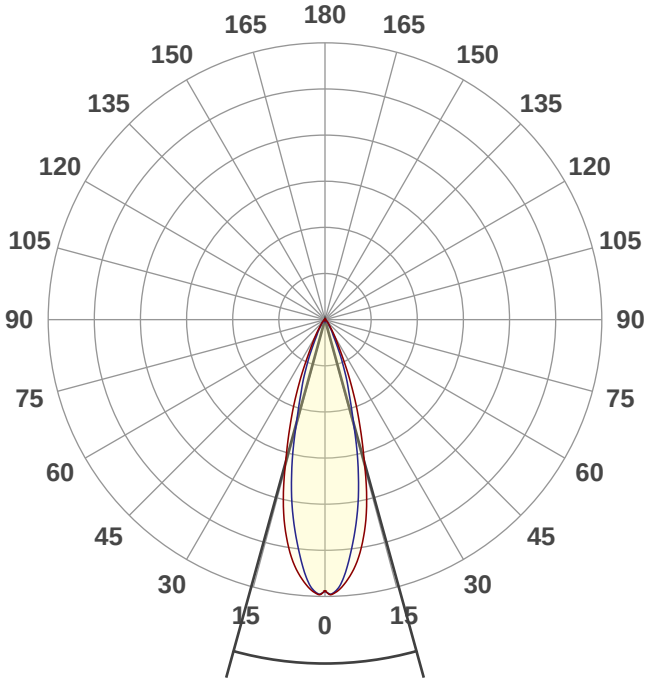
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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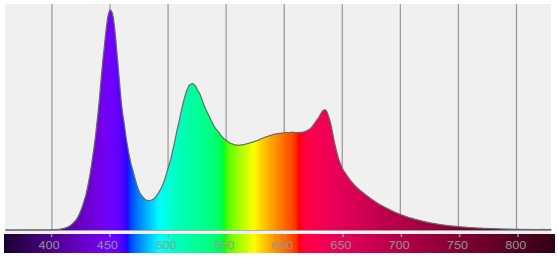
Overall Measurement

Angular Beam Distribution

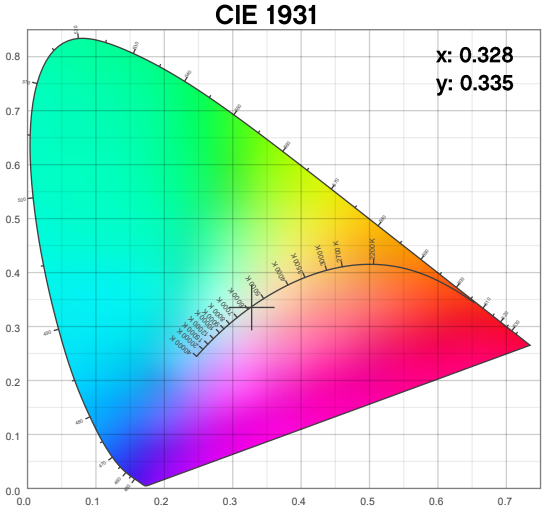


Beam Angle **30.9°**

Spectral Distribution



CIE 1931

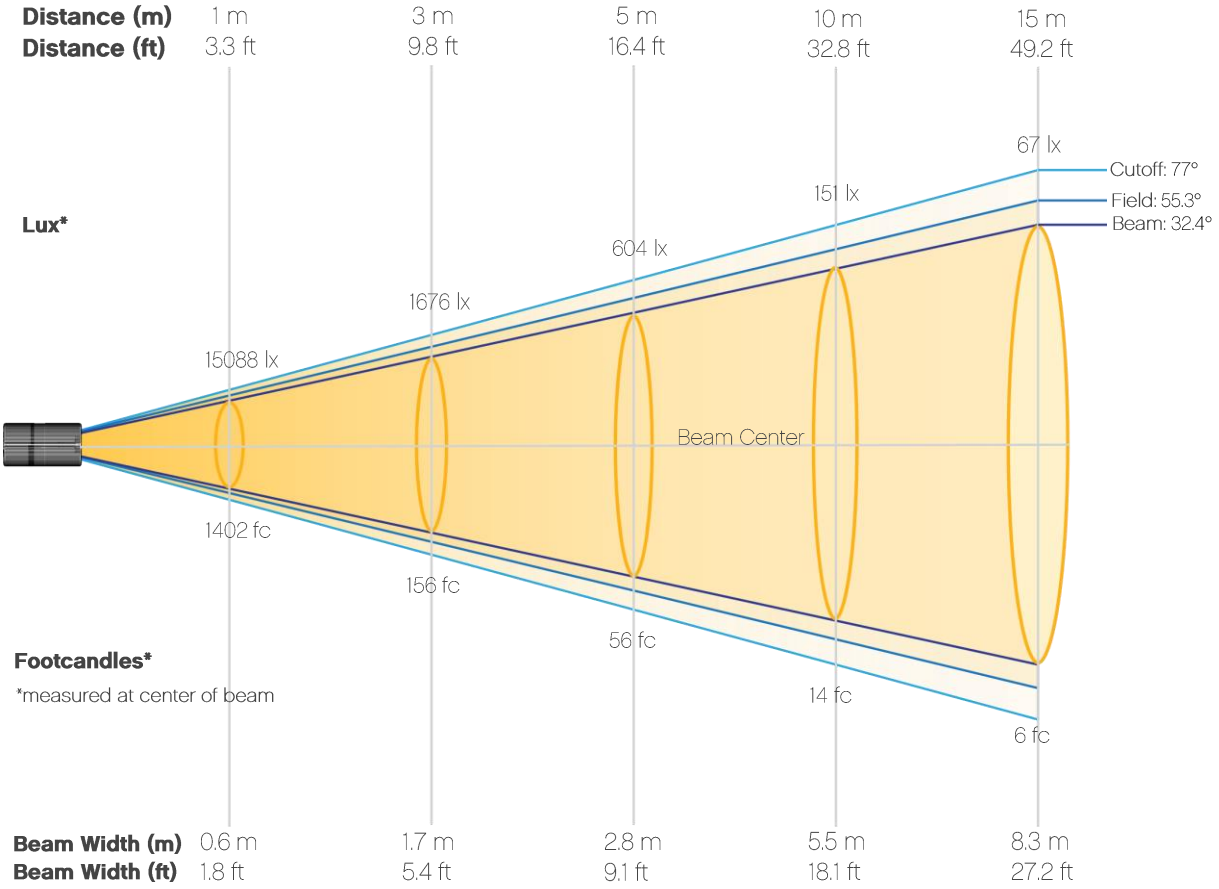


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

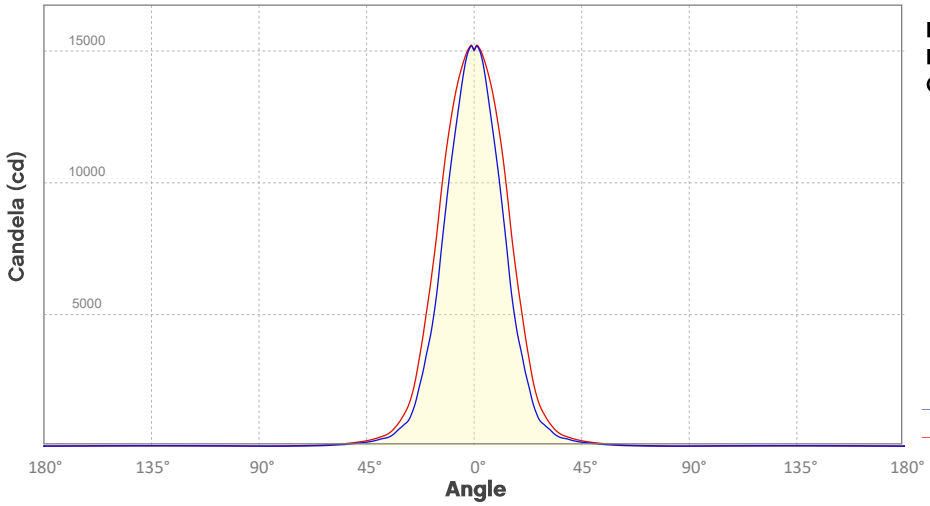
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15088	3772	1676	943	604	419	308	236	186	151
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	125	105	89	77	67	59	52	47	42	38
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1402	350	156	88	56	39	29	22	17	14
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	8	7	6	5	5	4	4	4

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

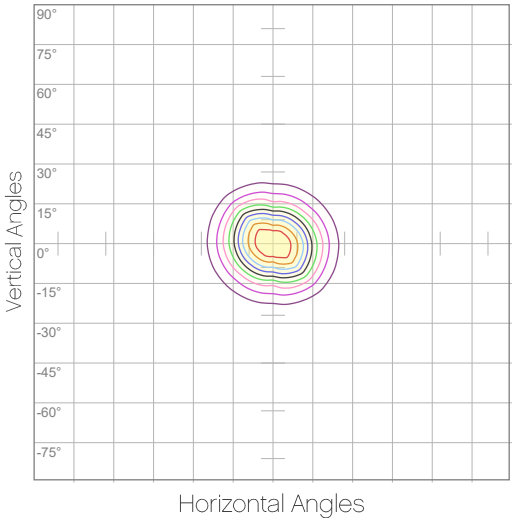
Candela Plot



Beam Angle (50%): 30.9°
Field Angle (10%): 53.4°
Cutoff Angle (3%): 74.5°

Horizontal Distribution
Vertical Distribution

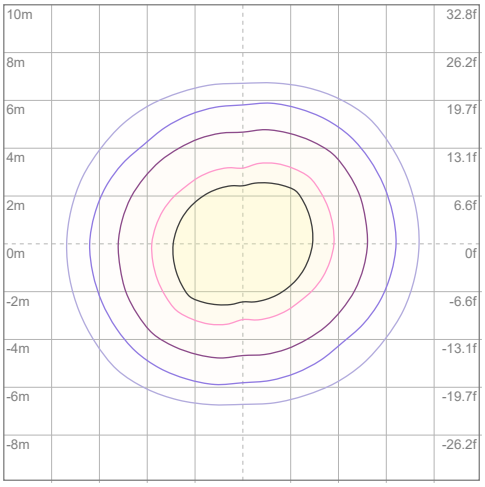
Polar Diagrams



iso-candela Diagram

10%	1509 cd
20%	3018 cd
30%	4526 cd
40%	6035 cd
50%	7544 cd
60%	9053 cd
70%	10562 cd
80%	12071 cd
90%	13579 cd

Conditions:
Number of c-planes: 8
Candela at center: 15088 cd



iso-illuminance Diagram

3%	4.53 lx
5%	7.54 lx
10%	15.1 lx
30%	45.3 lx
50%	75.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 151 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

Report Summary

Output

Total Lumens: 2561 lm
Peak Intensity: 8702 cd
Illuminance @ 5m: 346 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 29.7°
Vertical Beam Angle (50%): 24.5°
Horizontal Field Angle (10%): 55.8°
Vertical Field Angle (10%): 44.8°
Horizontal Cutoff Angle (3%): 77.3°
Vertical Cutoff Angle (3%): 65.3°



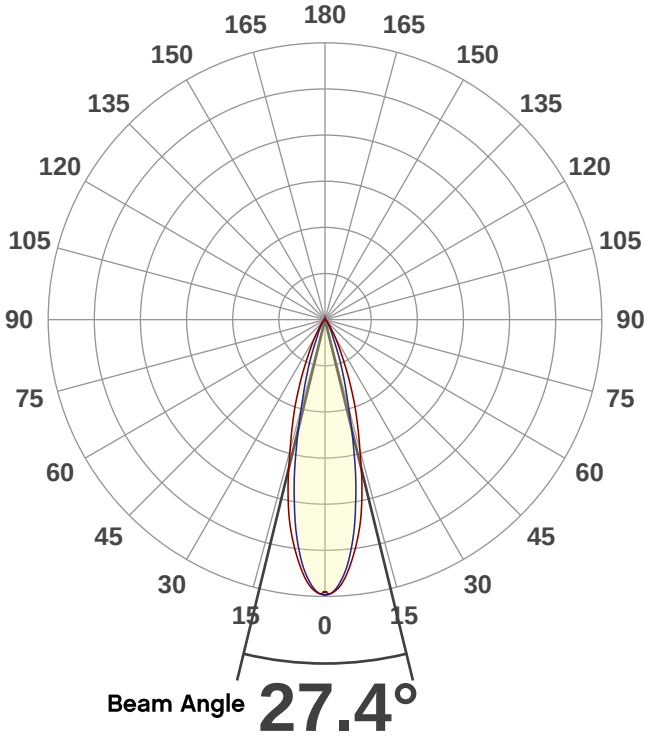
Conditions

AC Supply: 122 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

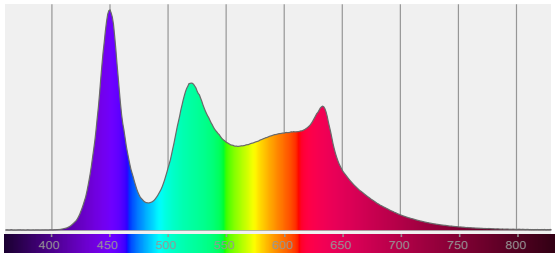
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Overall Measurement

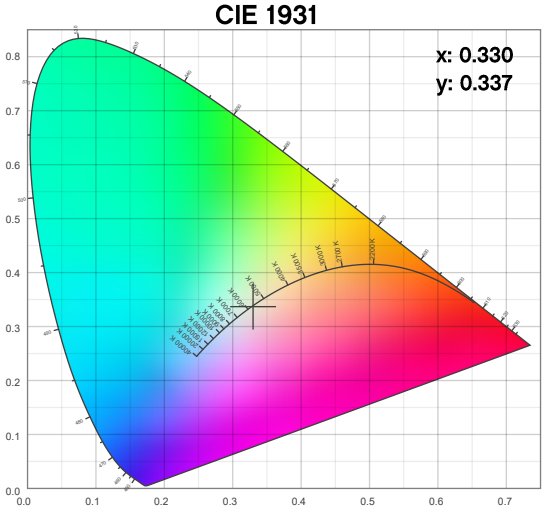
Angular Beam Distribution



Spectral Distribution



CIE 1931

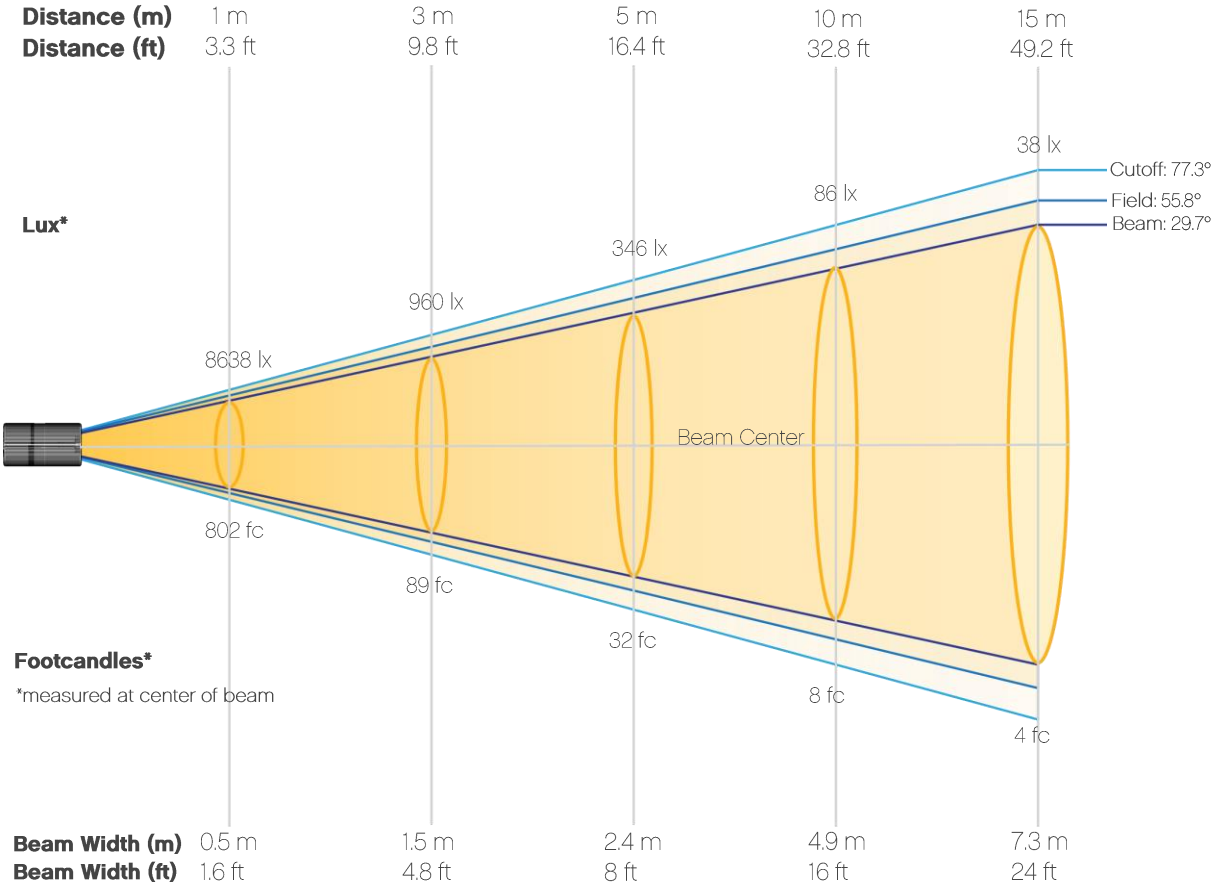


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

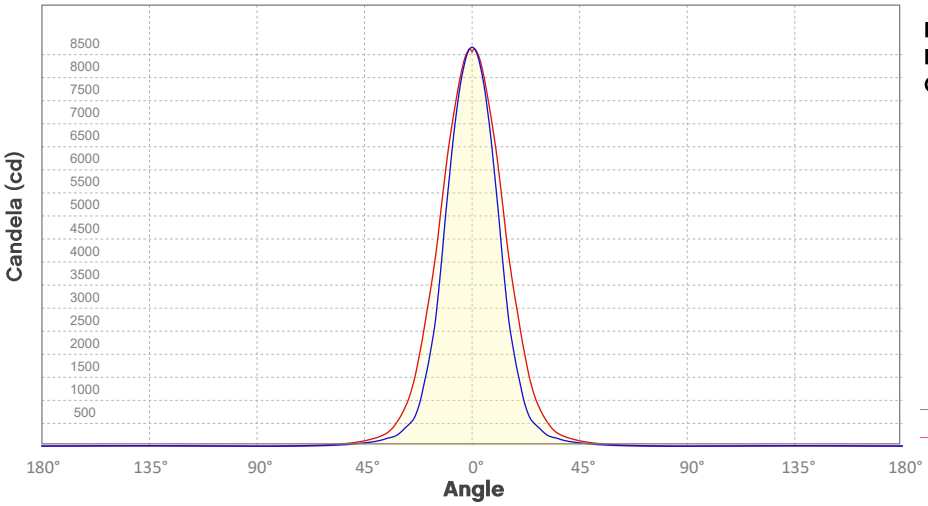
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8638	2159	960	540	346	240	176	135	107	86
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	71	60	51	44	38	34	30	27	24	22
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	802	201	89	50	32	22	16	13	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

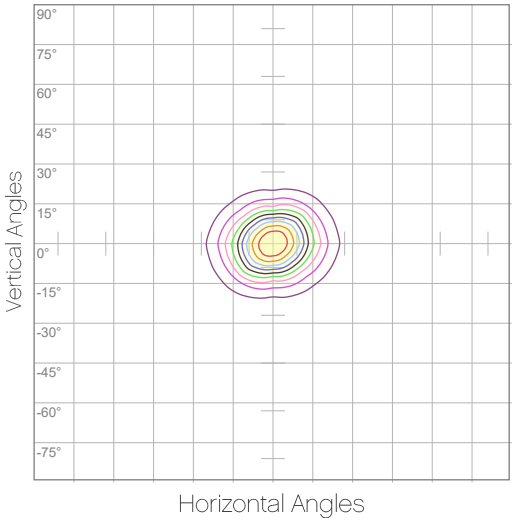
Candela Plot



Beam Angle (50%): 27.4°
Field Angle (10%): 50.5°
Cutoff Angle (3%): 72.1°

Horizontal Distribution
Vertical Distribution

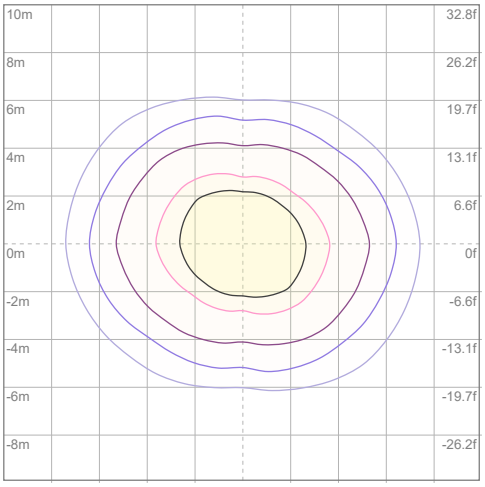
Polar Diagrams



iso-candela Diagram

10%	864 cd
20%	1728 cd
30%	2591 cd
40%	3455 cd
50%	4319 cd
60%	5183 cd
70%	6047 cd
80%	6910 cd
90%	7774 cd

Conditions:
Number of c-planes: 8
Candela at center: 8638 cd



iso-illuminance Diagram

3%	2.59 lx
5%	4.32 lx
10%	8.64 lx
30%	25.9 lx
50%	43.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 86.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Report Summary

Output

Total Lumens: 1527 lm
Peak Intensity: 5121 cd
Illuminance @ 5m: 183 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.1°
Vertical Beam Angle (50%): 25.8°
Horizontal Field Angle (10%): 56.2°
Vertical Field Angle (10%): 48.2°
Horizontal Cutoff Angle (3%): 77.8°
Vertical Cutoff Angle (3%): 69.2°



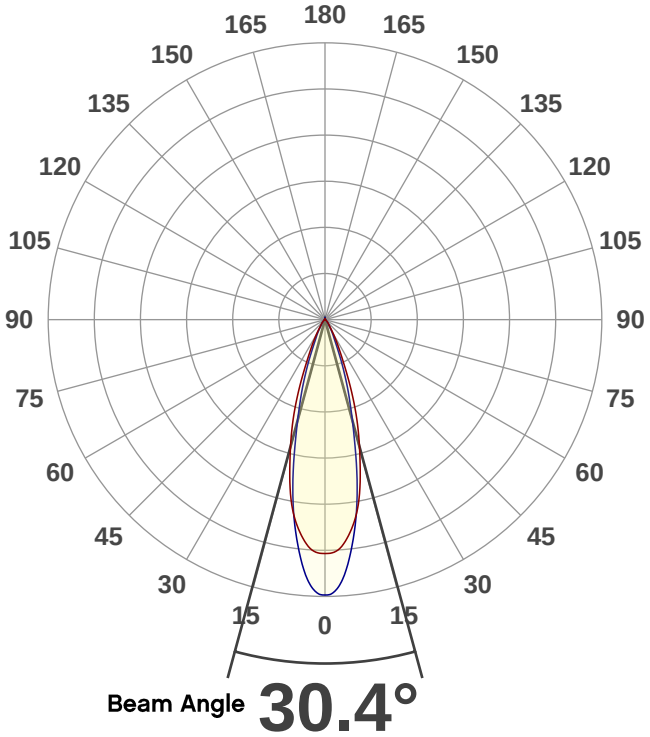
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

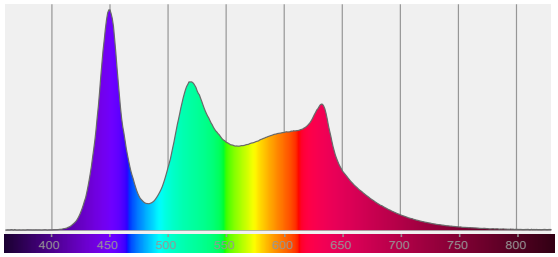
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Overall Measurement

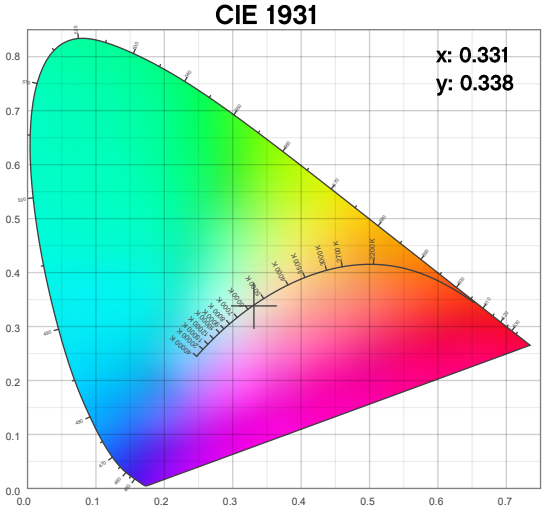
Angular Beam Distribution



Spectral Distribution



CIE 1931

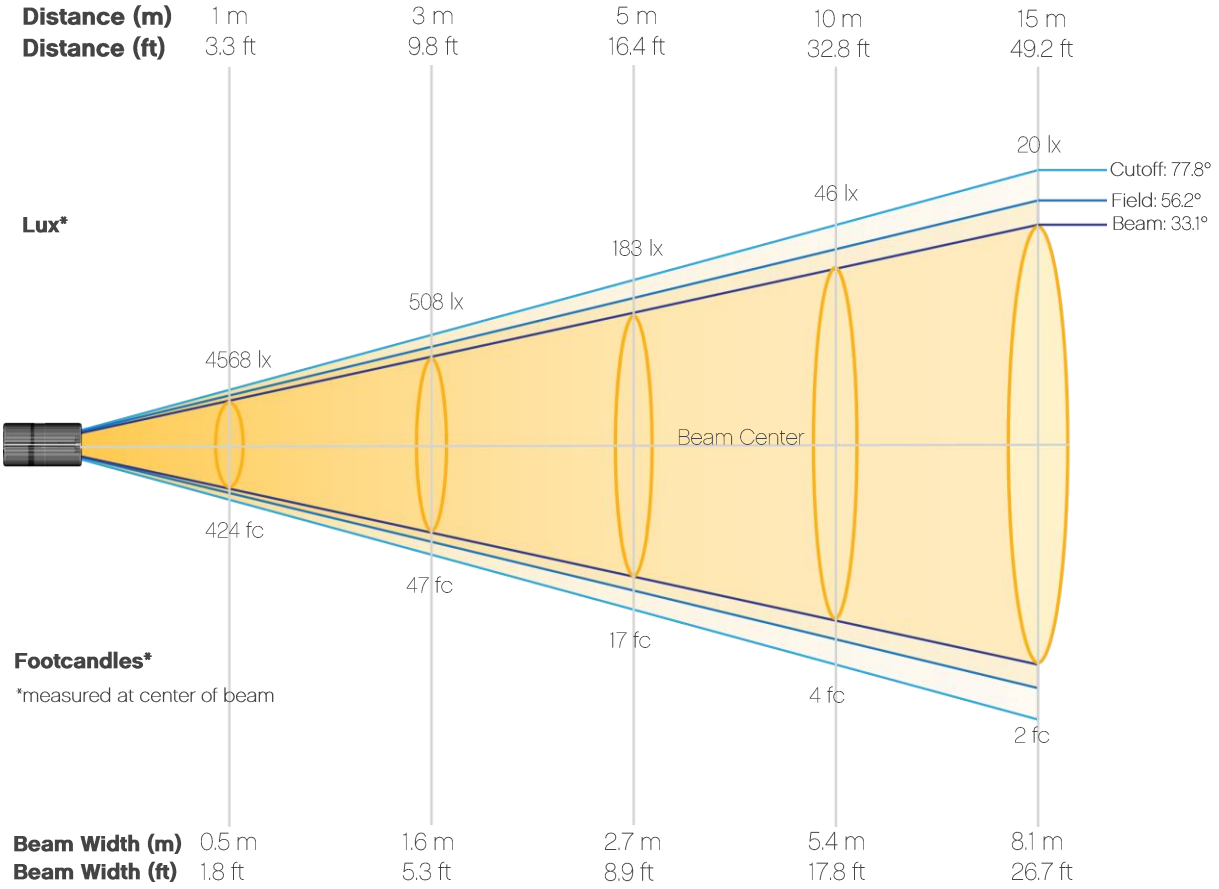


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

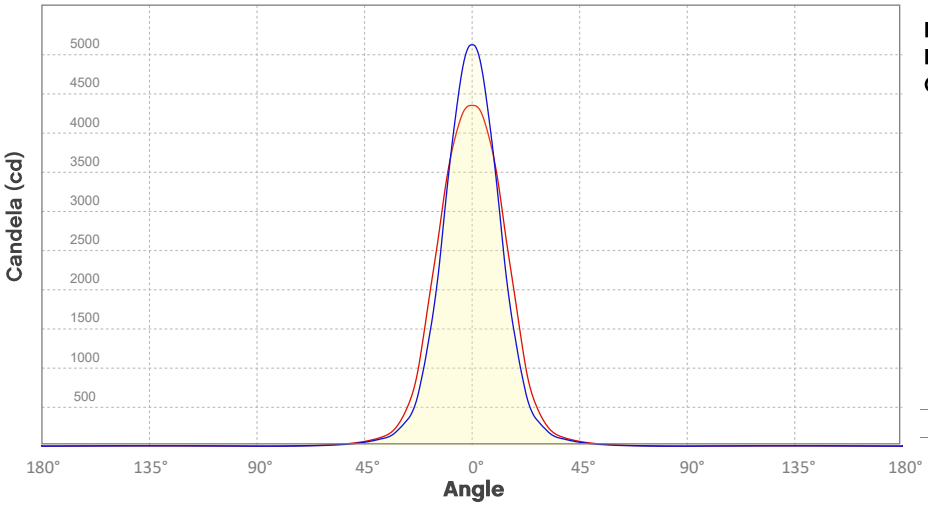
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4568	1142	508	285	183	127	93	71	56	46
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	38	32	27	23	20	18	16	14	13	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	424	106	47	27	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K

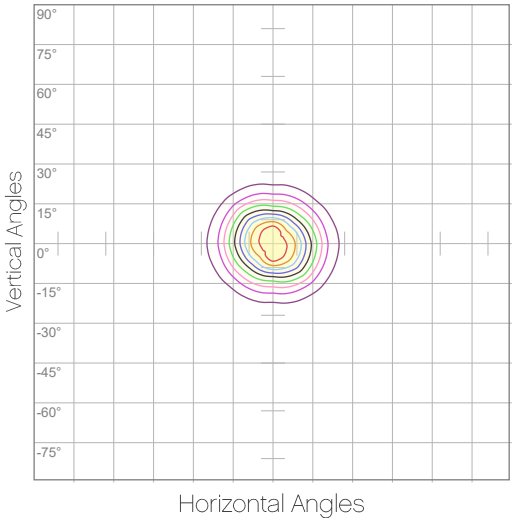
Candela Plot



Beam Angle (50%): 30.4°
Field Angle (10%): 52.8°
Cutoff Angle (3%): 74.2°

Horizontal Distribution
Vertical Distribution

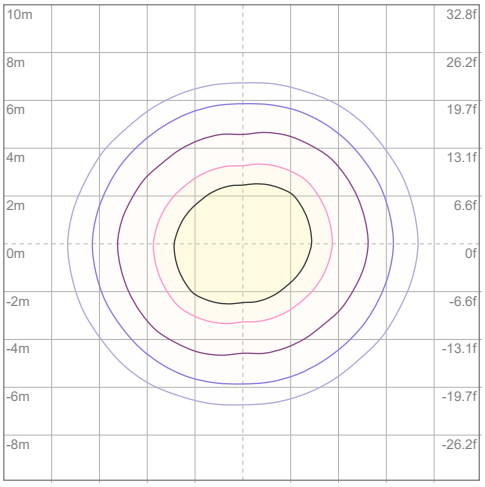
Polar Diagrams



iso-candela Diagram

10%	457 cd
20%	914 cd
30%	1370 cd
40%	1827 cd
50%	2284 cd
60%	2741 cd
70%	3197 cd
80%	3654 cd
90%	4111 cd

Conditions:
Number of c-planes: 8
Candela at center: 4568 cd



iso-illuminance Diagram

3%	1.37 lx
5%	2.28 lx
10%	4.57 lx
30%	13.7 lx
50%	22.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 45.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

Report Summary

Output

Total Lumens: 1013 lm
Peak Intensity: 3305 cd
Illuminance @ 5m: 119 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 33.8°
Vertical Beam Angle (50%): 26.8°
Horizontal Field Angle (10%): 55.7°
Vertical Field Angle (10%): 50.3°
Horizontal Cutoff Angle (3%): 78.8°
Vertical Cutoff Angle (3%): 70.2°



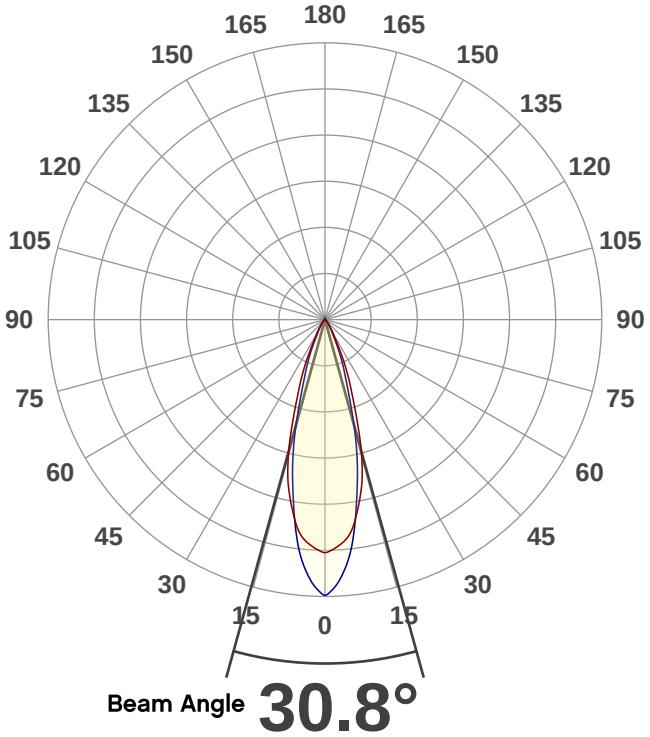
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

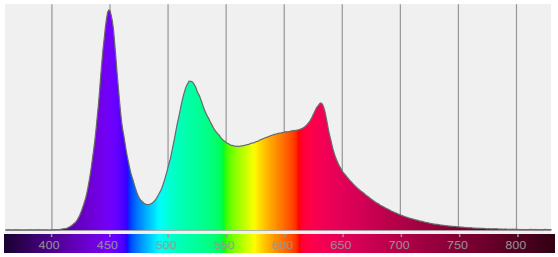
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Overall Measurement

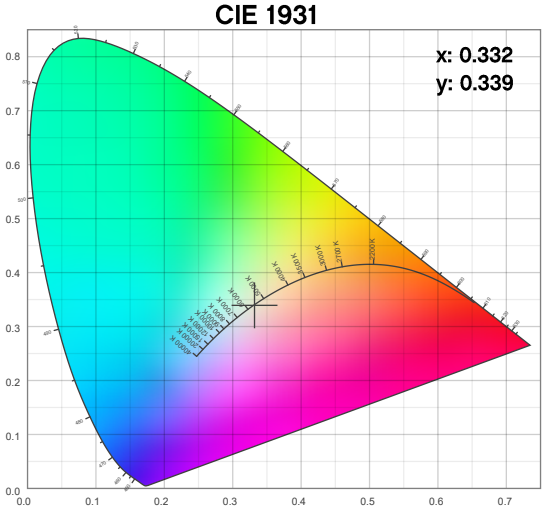
Angular Beam Distribution



Spectral Distribution



CIE 1931

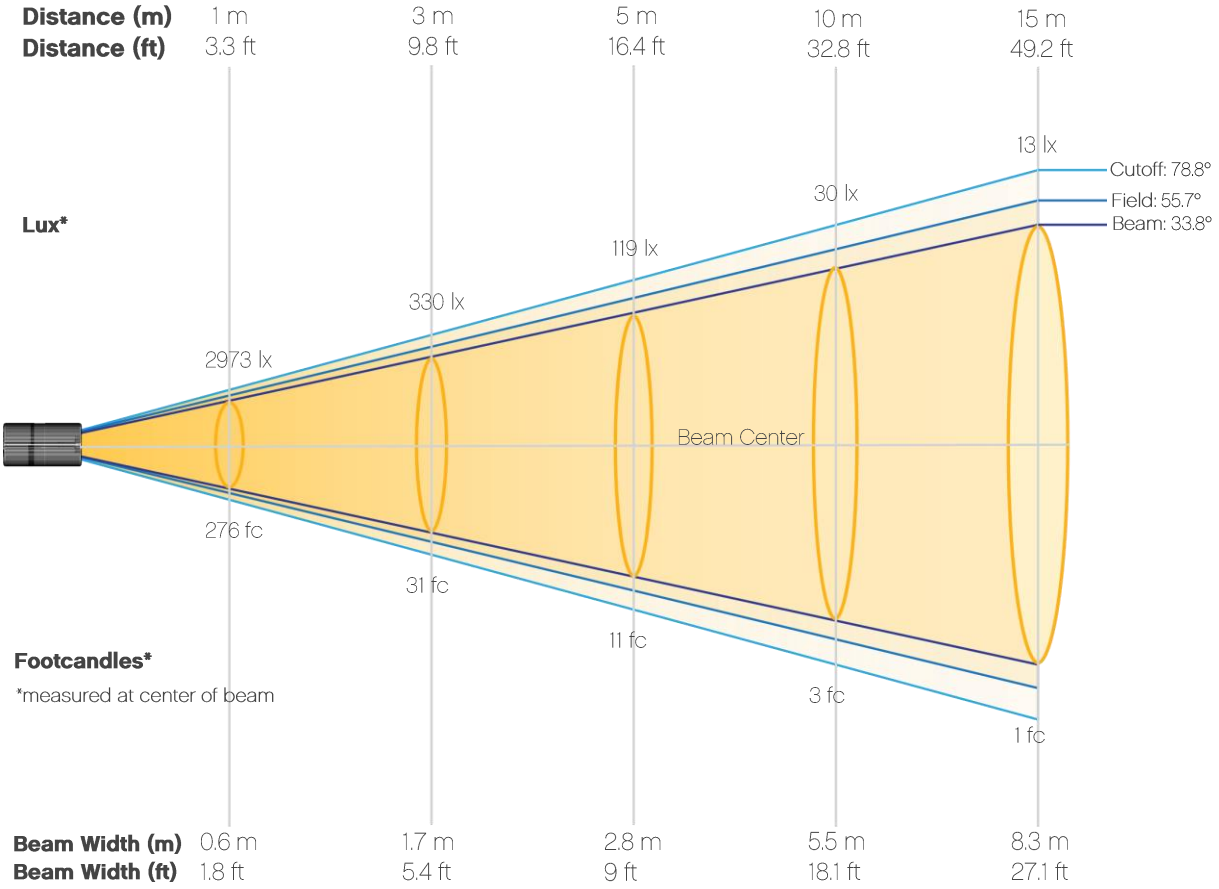


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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

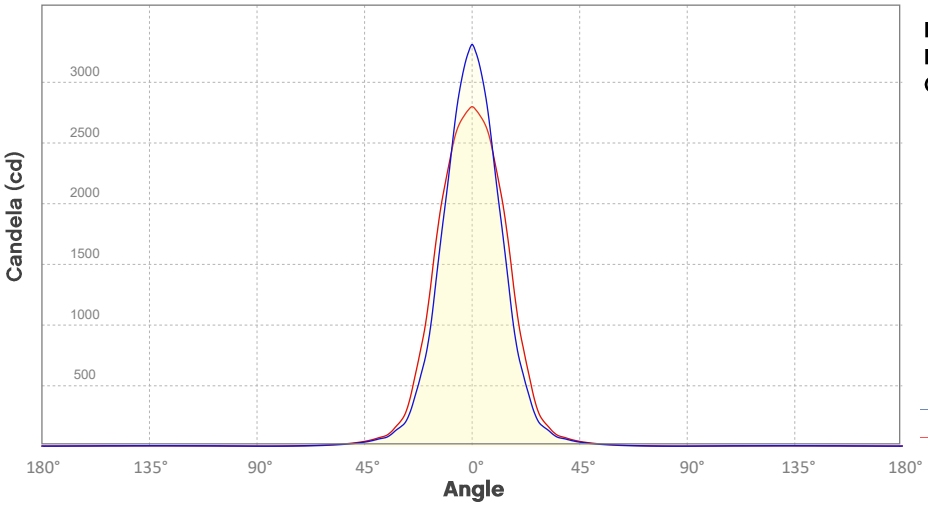
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2973	743	330	186	119	83	61	46	37	30
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	25	21	18	15	13	12	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	276	69	31	17	11	8	6	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/40R60 Filter-60deg, 5600K Only

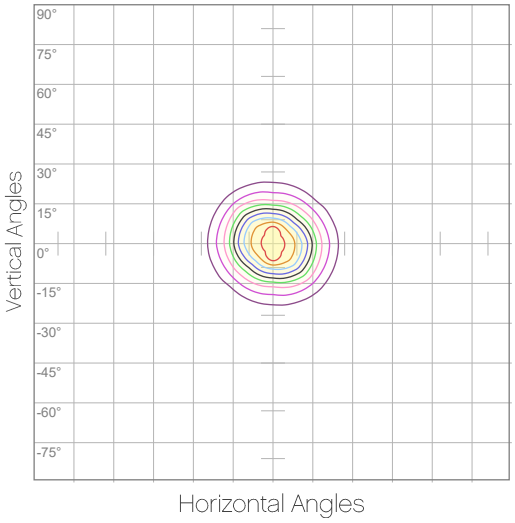
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 53.3°
Cutoff Angle (3%): 75.2°

Horizontal Distribution
Vertical Distribution

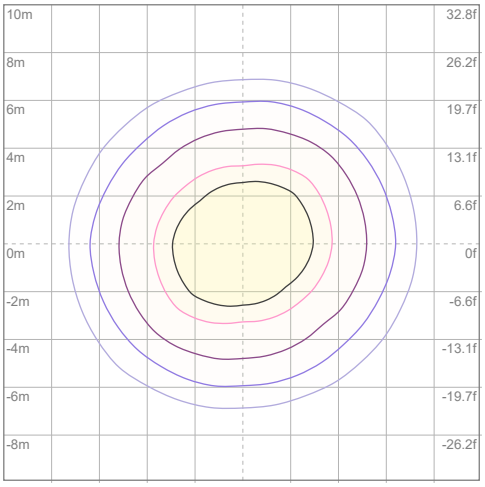
Polar Diagrams



iso-candela Diagram

10%	297 cd
20%	595 cd
30%	892 cd
40%	1189 cd
50%	1487 cd
60%	1784 cd
70%	2081 cd
80%	2379 cd
90%	2676 cd

Conditions:
Number of c-planes: 8
Candela at center: 2973 cd



iso-illuminance Diagram

3%	0.892 lx
5%	1.49 lx
10%	2.97 lx
30%	8.92 lx
50%	14.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 29.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Report Summary

Output

Total Lumens: 4504 lm
Peak Intensity: 10422 cd
Illuminance @ 5m: 385 lux
Fixture Efficacy: 17 lm/W

Optical

Horizontal Beam Angle (50%): 50.5°
Vertical Beam Angle (50%): 27.4°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 52.5°
Horizontal Cutoff Angle (3%): 148.9°
Vertical Cutoff Angle (3%): 89°



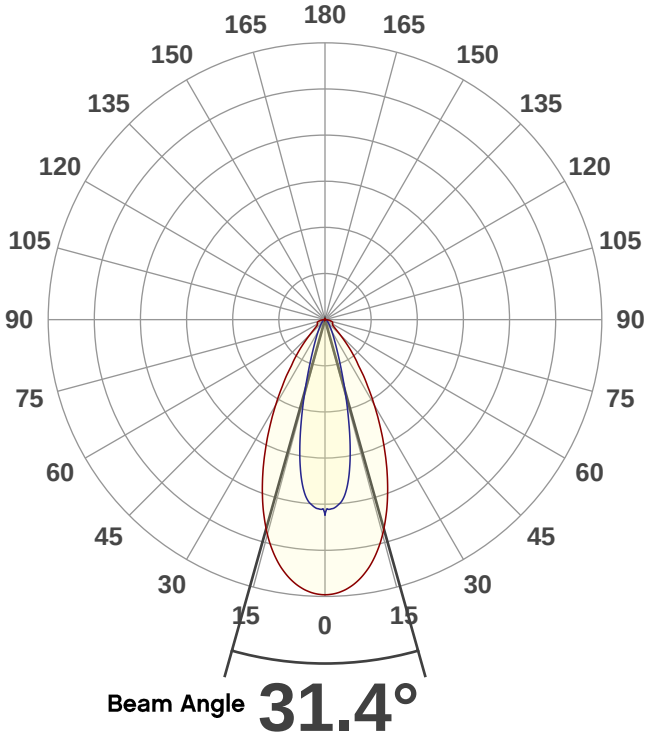
Conditions

AC Supply: 120 V, 60 Hz
Power: 270.97 W
Current: 2.26 A
Power Factor: 1.0

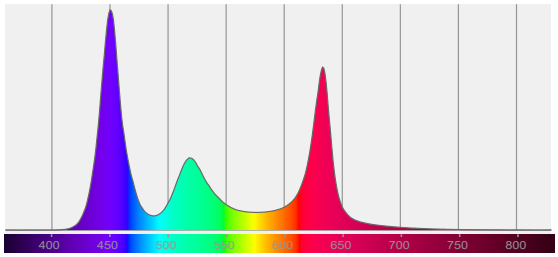
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Overall Measurement

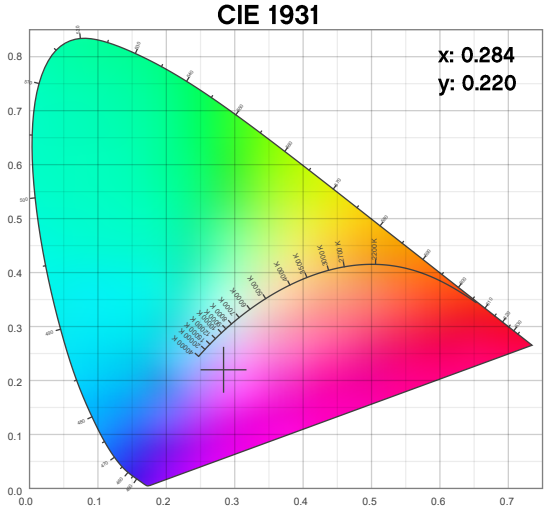
Angular Beam Distribution



Spectral Distribution



CIE 1931

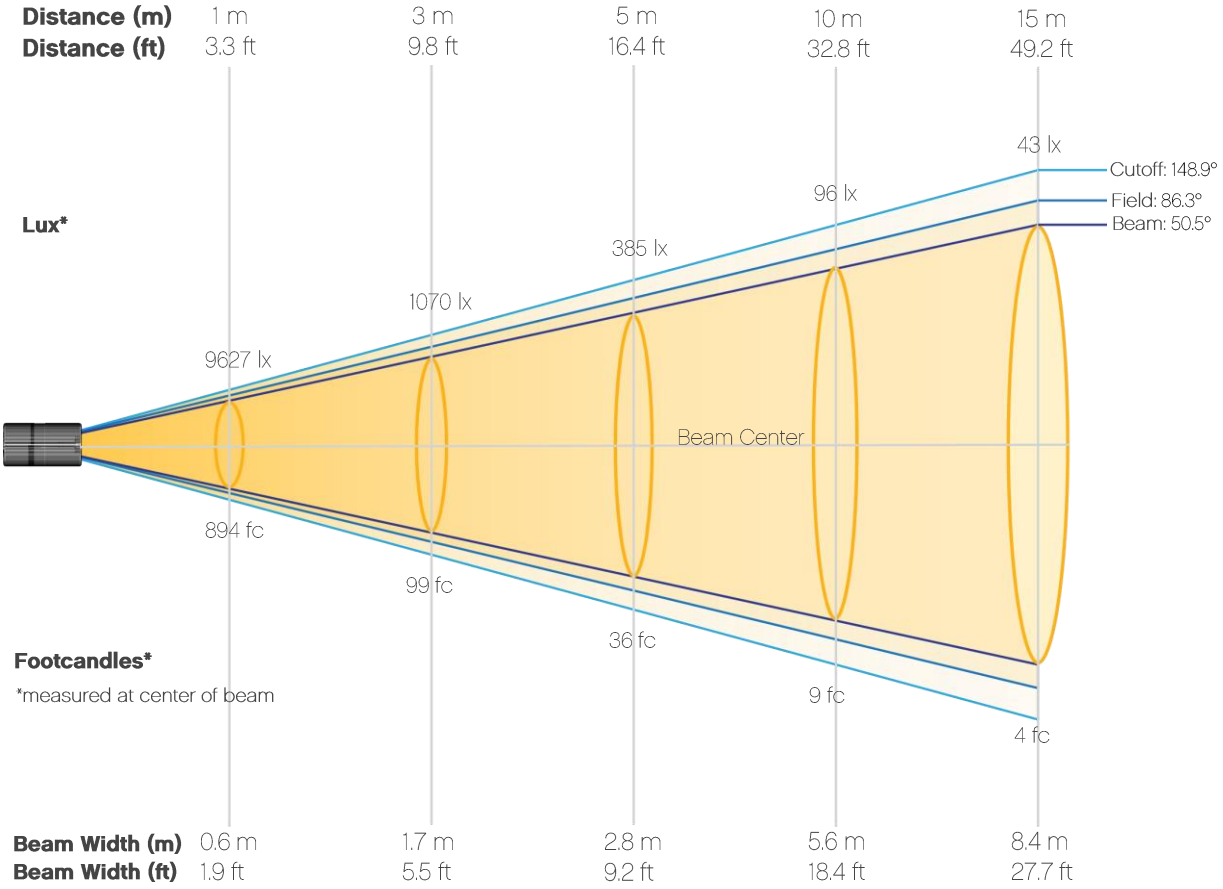


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

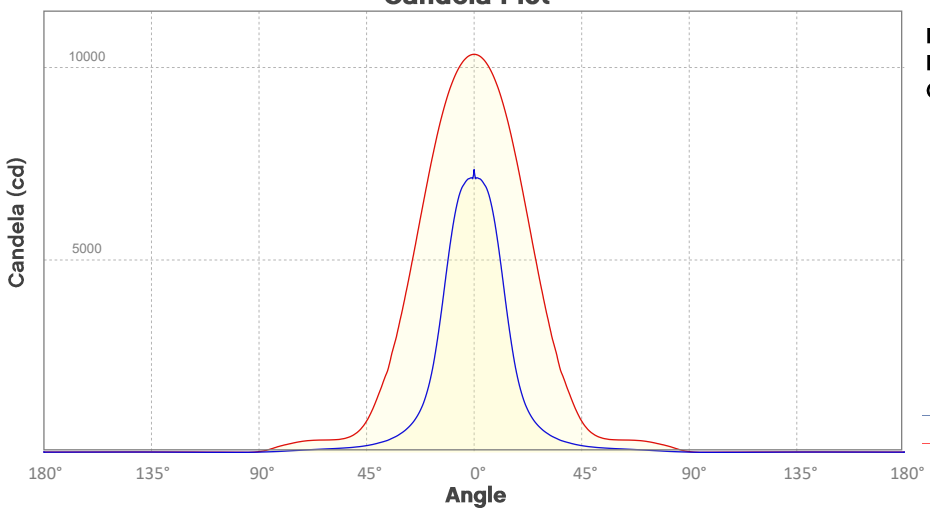
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9627	2407	1070	602	385	267	196	150	119	96
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	80	67	57	49	43	38	33	30	27	24
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	894	224	99	56	36	25	18	14	11	9
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	5	4	3	3	3	2	2

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Photometric Report

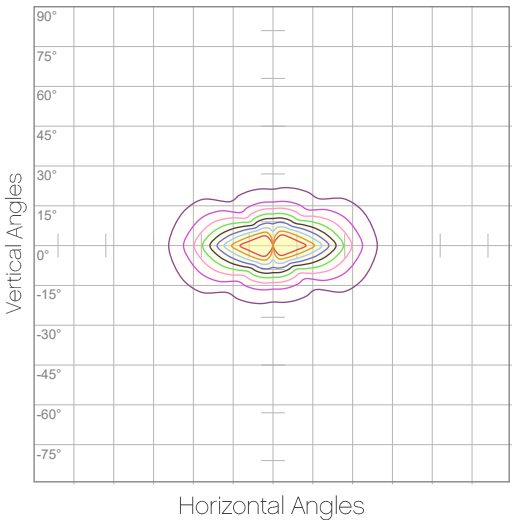
WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Candela Plot



Beam Angle (50%): 31.4°
Field Angle (10%): 60.7°
Cutoff Angle (3%): 105.8°

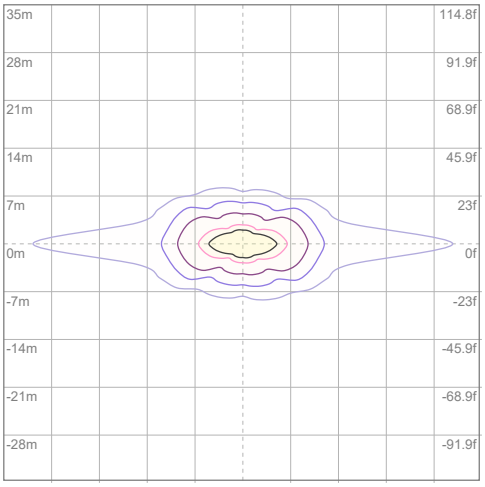
Polar Diagrams



iso-candela Diagram

10%	963 cd
20%	1925 cd
30%	2888 cd
40%	3851 cd
50%	4813 cd
60%	5776 cd
70%	6739 cd
80%	7701 cd
90%	8664 cd

Conditions:
Number of c-planes: 8
Candela at center: 9627 cd



iso-illuminance Diagram

3%	2.89 lx
5%	4.81 lx
10%	9.63 lx
30%	28.9 lx
50%	48.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 96.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power Stable

Report Summary

Output

Total Lumens: 4236 lm
Peak Intensity: 9880 cd
Illuminance @ 5m: 365 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 50.6°
Vertical Beam Angle (50%): 26.6°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 51.8°
Horizontal Cutoff Angle (3%): 148.8°
Vertical Cutoff Angle (3%): 88.2°



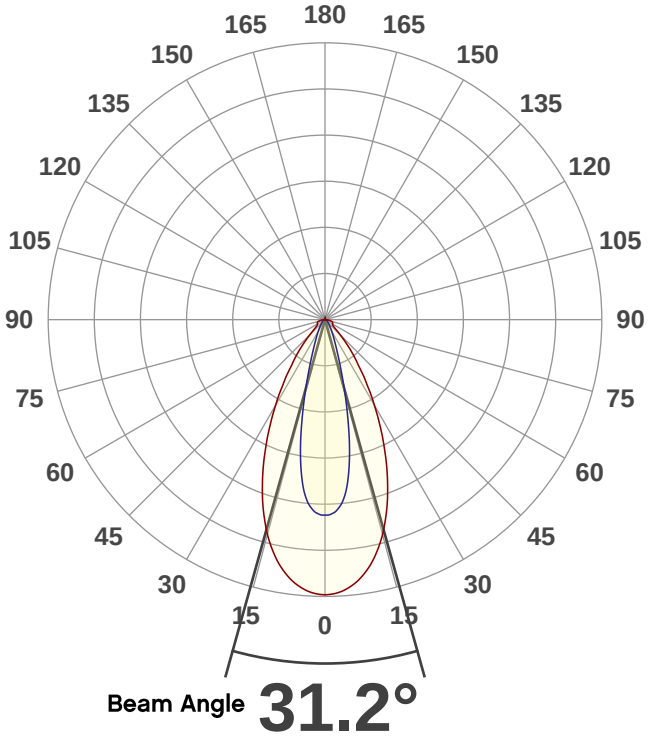
Conditions

AC Supply: 119 V, 60 Hz
Power: 295.32 W
Current: 2.48 A
Power Factor: 1.0

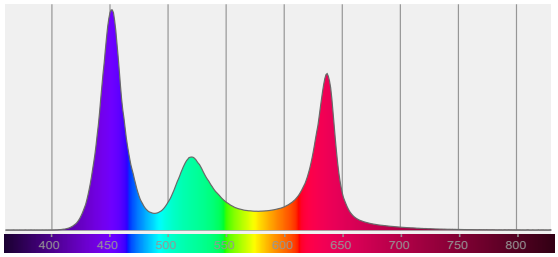
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Overall Measurement

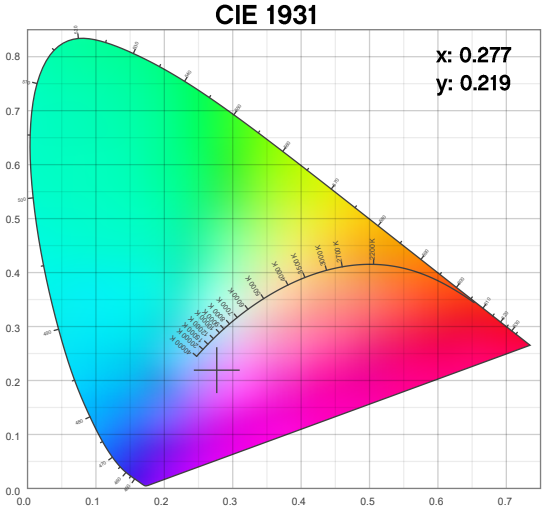
Angular Beam Distribution



Spectral Distribution



CIE 1931

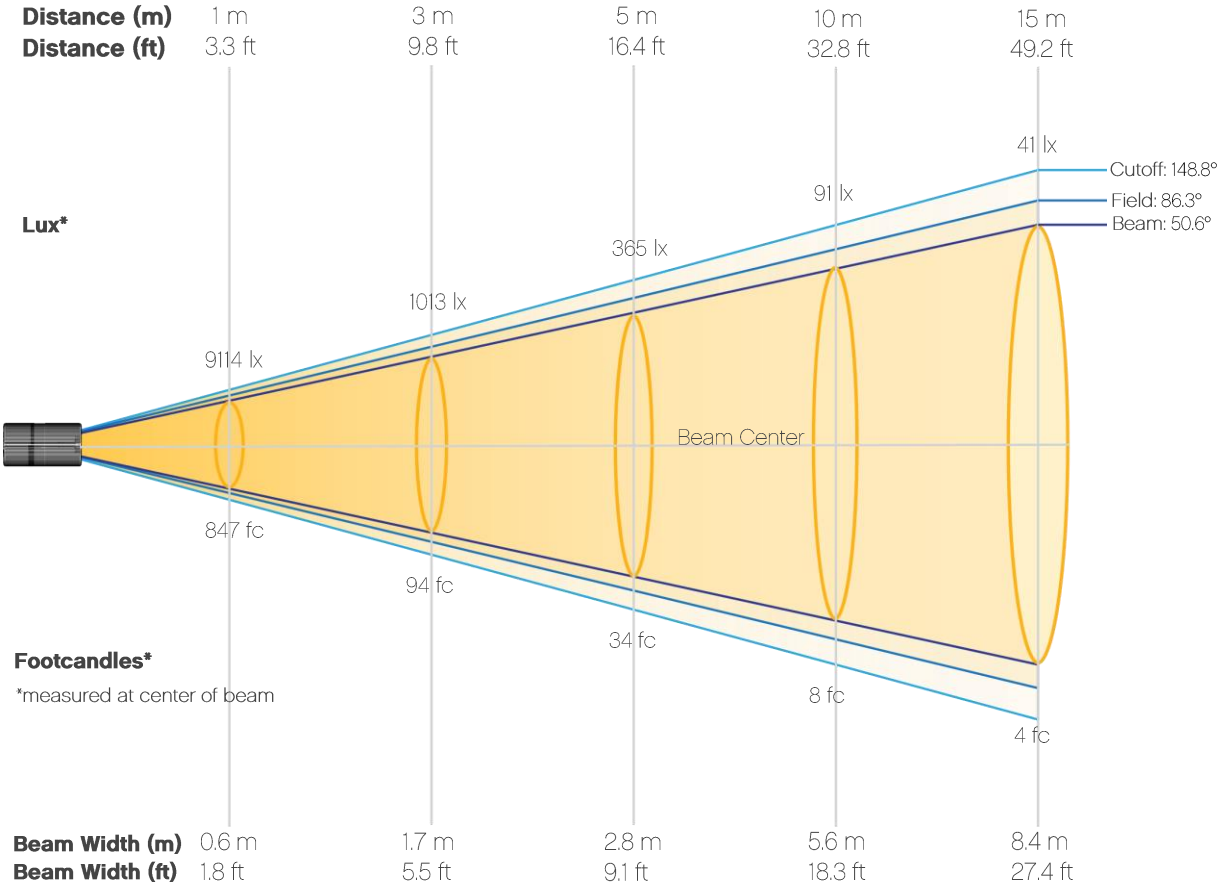


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power Stable

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

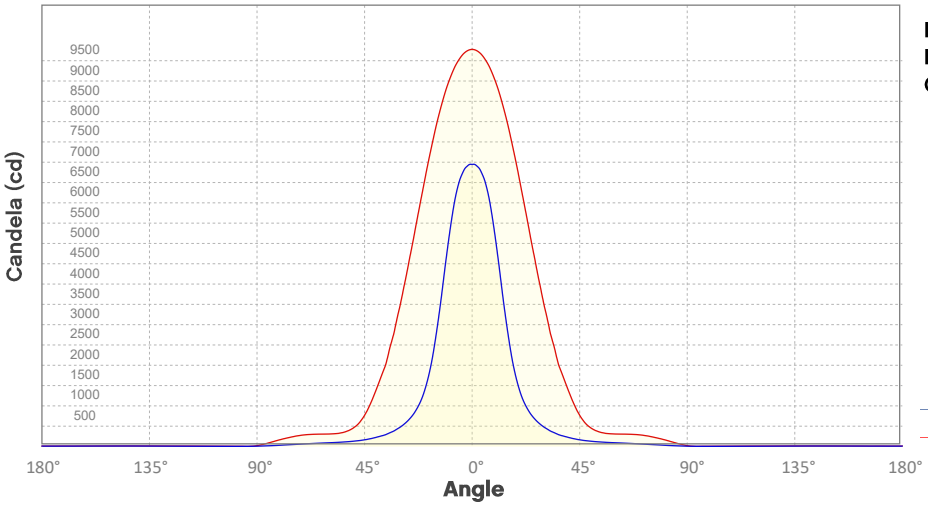
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9114	2279	1013	570	365	253	186	142	113	91
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	75	63	54	47	41	36	32	28	25	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	847	212	94	53	34	24	17	13	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	3	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power Stable

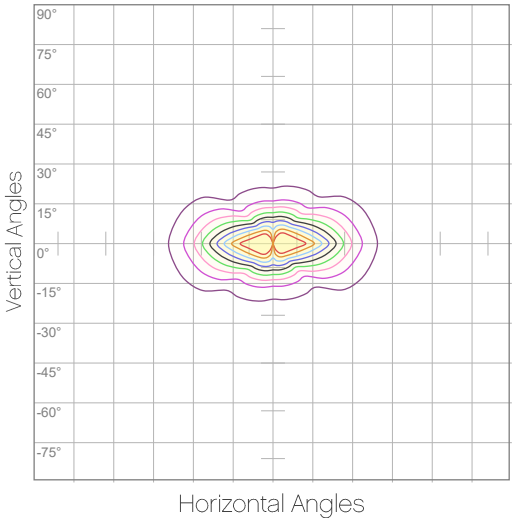
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.3°

Horizontal Distribution
Vertical Distribution

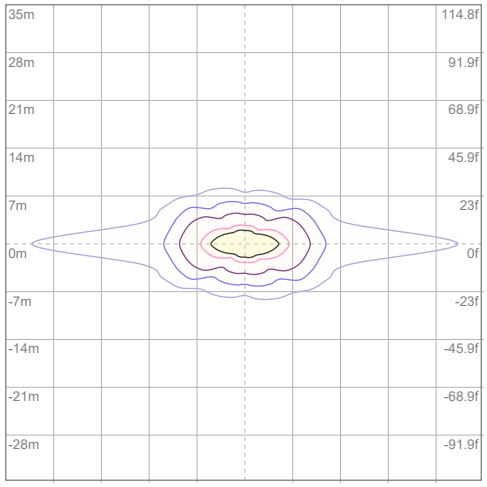
Polar Diagrams



iso-candela Diagram

10%	911 cd
20%	1823 cd
30%	2734 cd
40%	3646 cd
50%	4557 cd
60%	5469 cd
70%	6380 cd
80%	7292 cd
90%	8203 cd

Conditions:
Number of c-planes: 8
Candela at center: 9114 cd



iso-illuminance Diagram

3%	2.73 lx
5%	4.56 lx
10%	9.11 lx
30%	27.3 lx
50%	45.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 91.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Report Summary

Output

Total Lumens: 3585 lm
Peak Intensity: 8203 cd
Illuminance @ 5m: 292 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 50.5°
Vertical Beam Angle (50%): 31.1°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 56.5°
Horizontal Cutoff Angle (3%): 149.4°
Vertical Cutoff Angle (3%): 95°



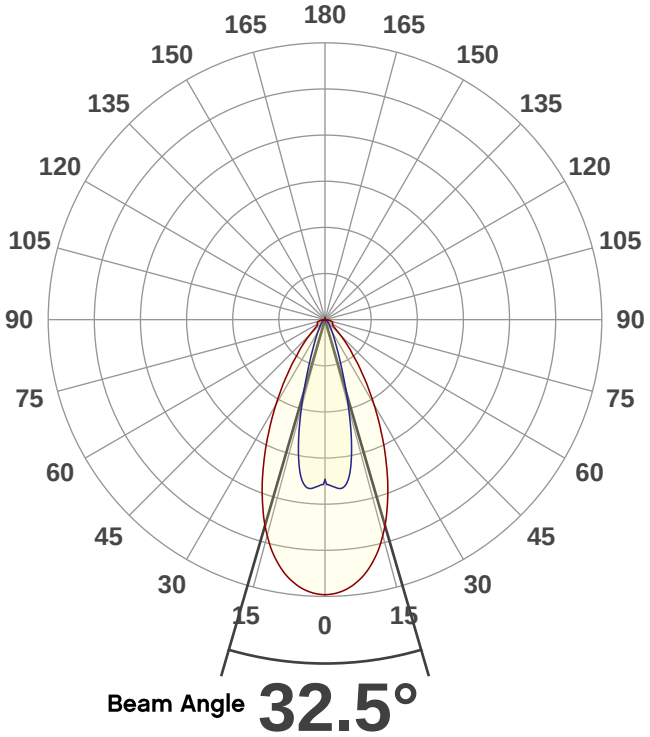
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

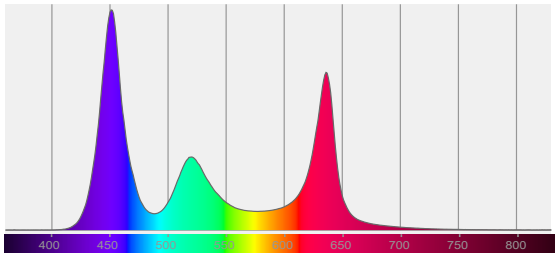
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Overall Measurement

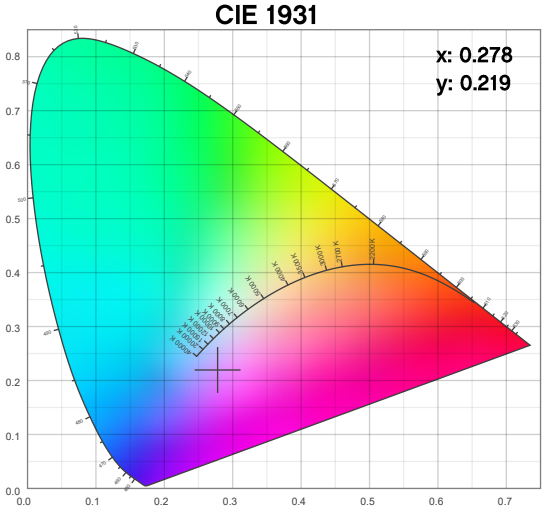
Angular Beam Distribution



Spectral Distribution



CIE 1931

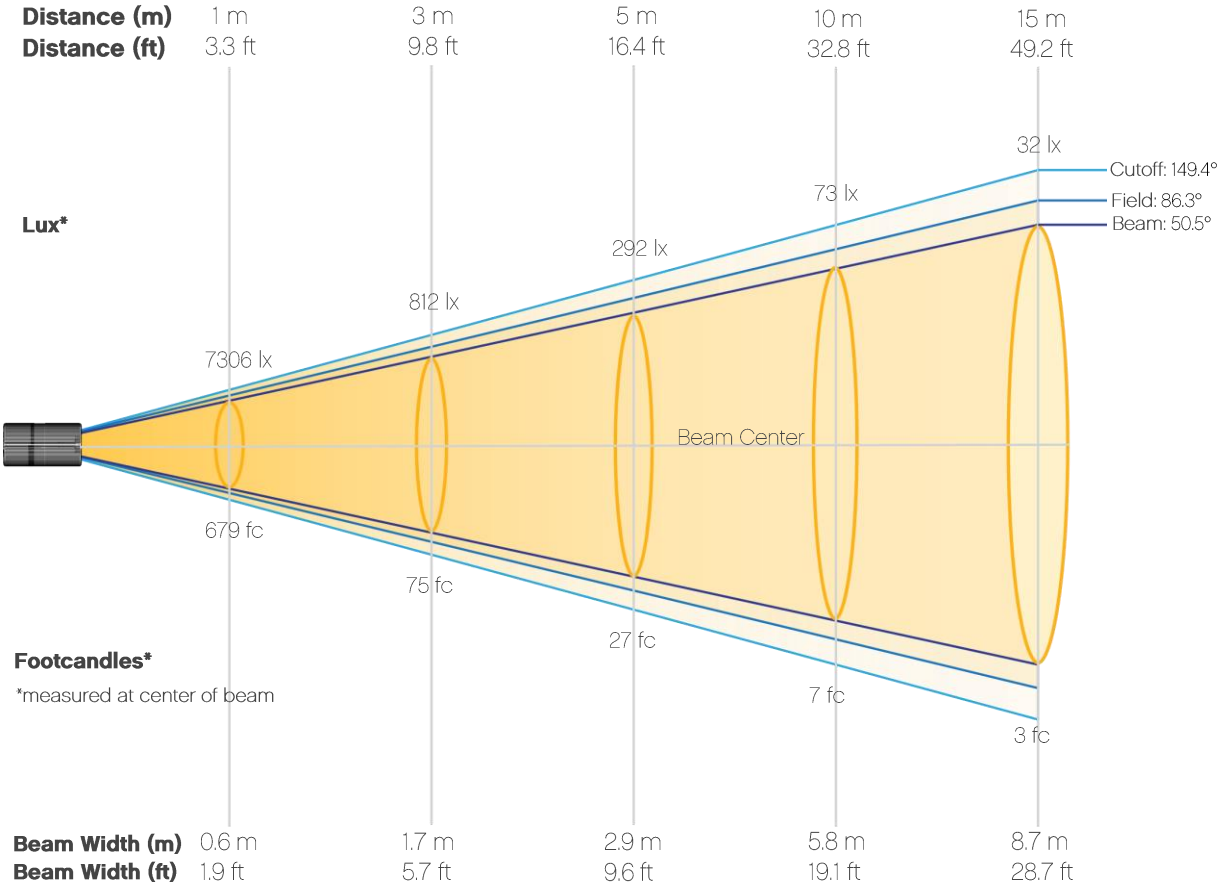


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

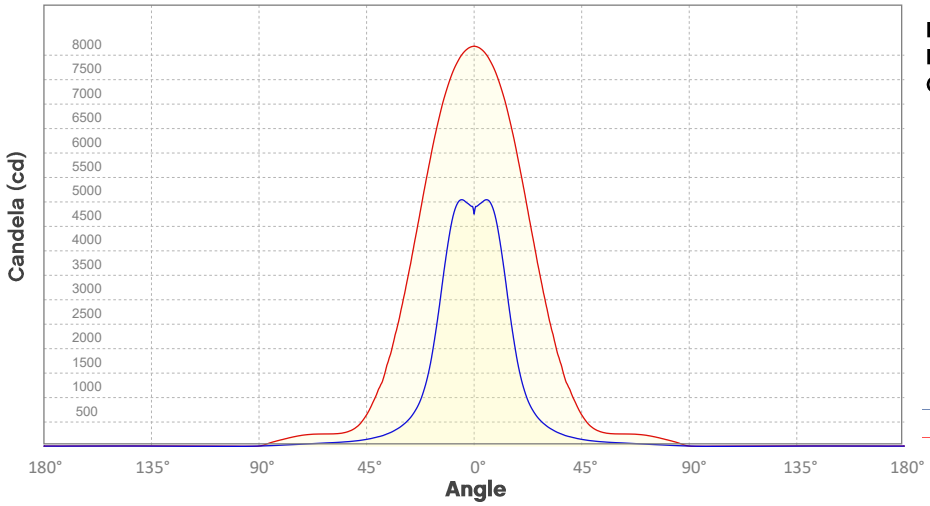
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7306	1827	812	457	292	203	149	114	90	73
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	60	51	43	37	32	29	25	23	20	18
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	679	170	75	42	27	19	14	11	8	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	3	3	3	2	2	2	2

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Photometric Report

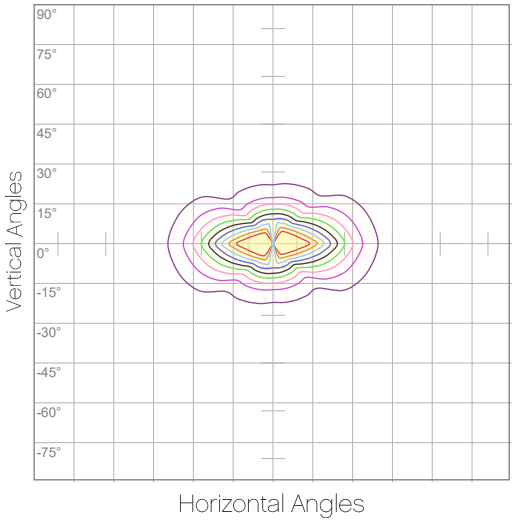
WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Candela Plot



Beam Angle (50%): 32.5°
Field Angle (10%): 62°
Cutoff Angle (3%): 107.7°

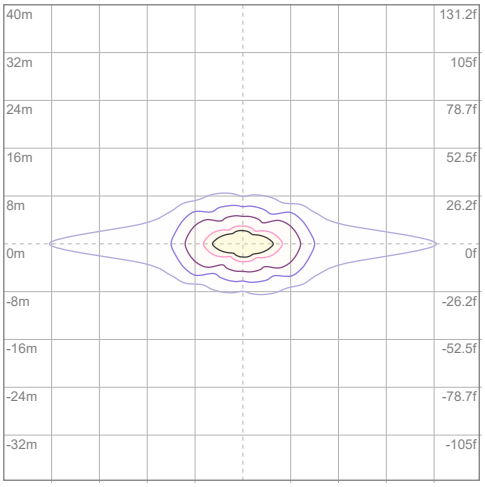
Polar Diagrams



iso-candela Diagram

10%	731 cd
20%	1461 cd
30%	2192 cd
40%	2922 cd
50%	3653 cd
60%	4384 cd
70%	5114 cd
80%	5845 cd
90%	6576 cd

Conditions:
Number of c-planes: 8
Candela at center: 7306 cd



iso-illuminance Diagram

3%	2.19 lx
5%	3.65 lx
10%	7.31 lx
30%	21.9 lx
50%	36.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 73.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Report Summary

Output

Total Lumens: 2169 lm
Peak Intensity: 5052 cd
Illuminance @ 5m: 187 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.1°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.1°
Horizontal Cutoff Angle (3%): 149.9°
Vertical Cutoff Angle (3%): 87.2°



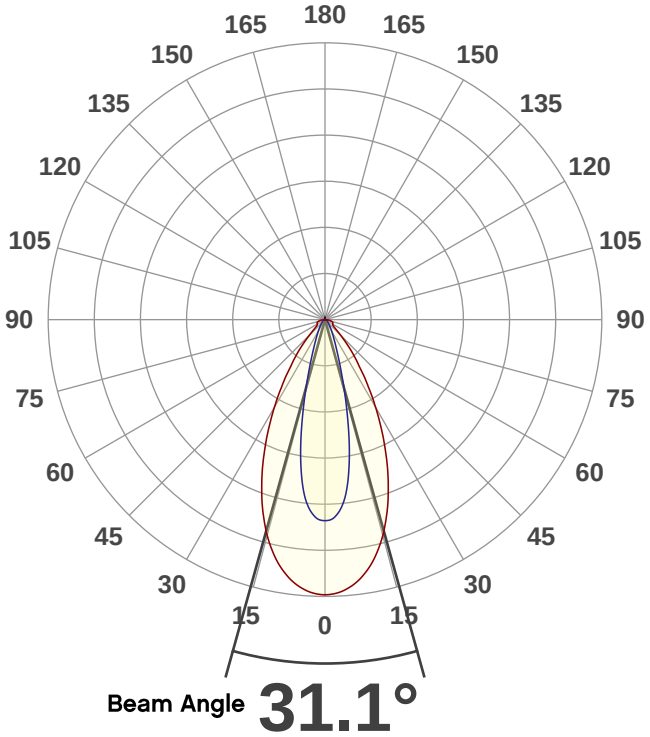
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

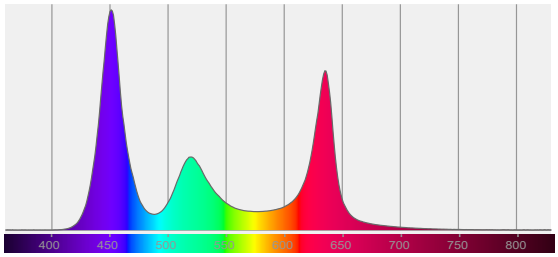
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Overall Measurement

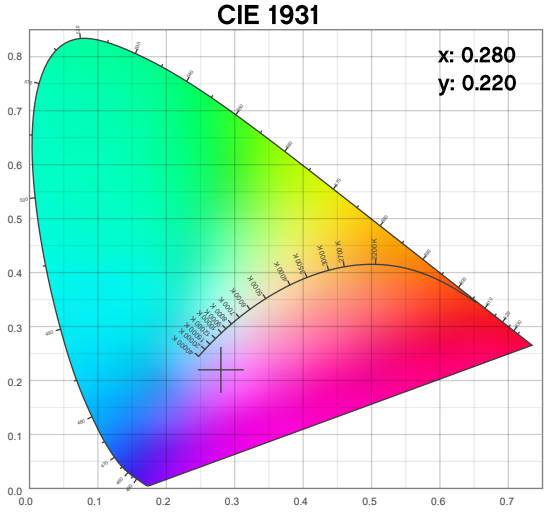
Angular Beam Distribution



Spectral Distribution



CIE 1931

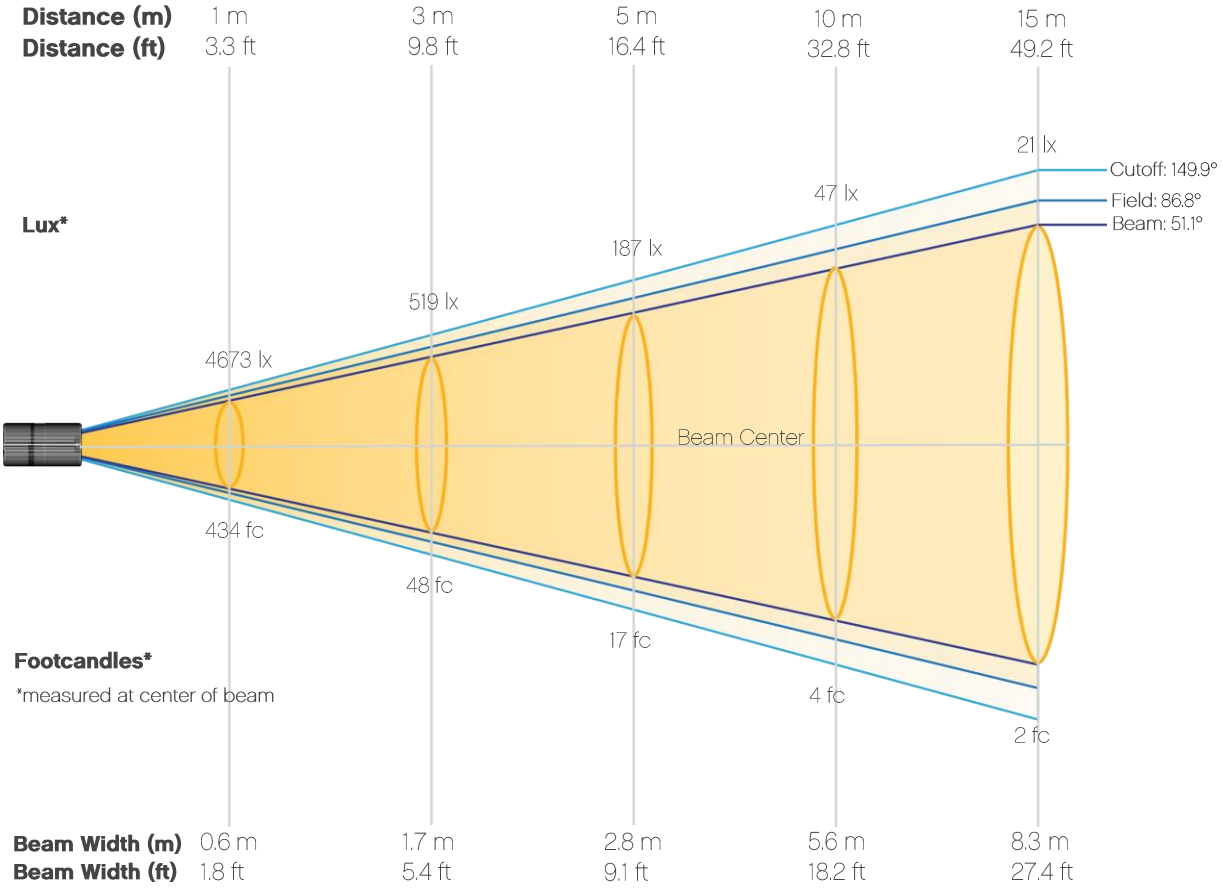


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

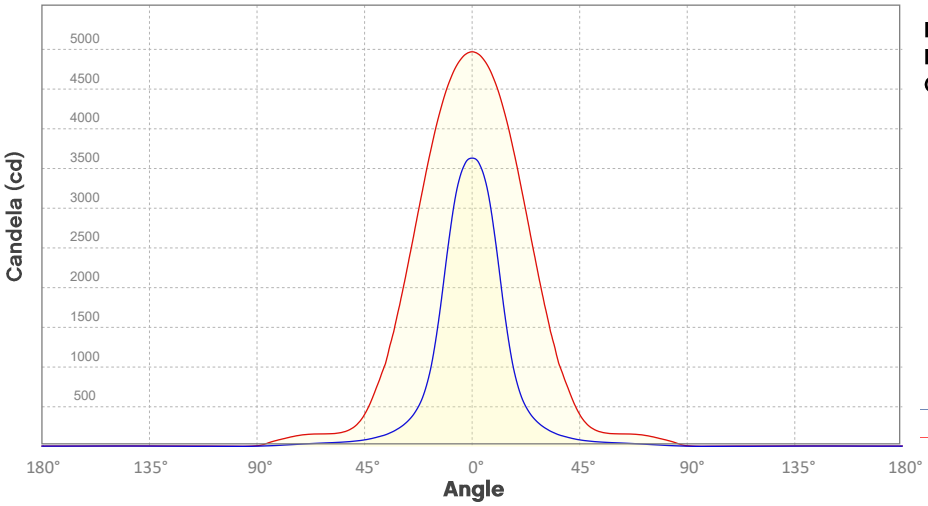
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4673	1168	519	292	187	130	95	73	58	47
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	39	32	28	24	21	18	16	14	13	12
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	434	109	48	27	17	12	9	7	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	2	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

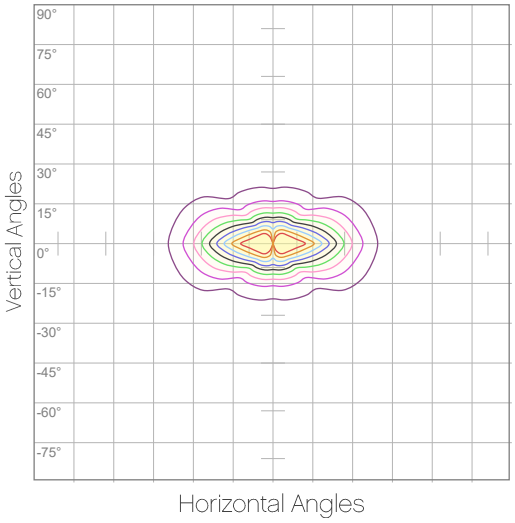
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.3°
Cutoff Angle (3%): 105.4°

Horizontal Distribution
Vertical Distribution

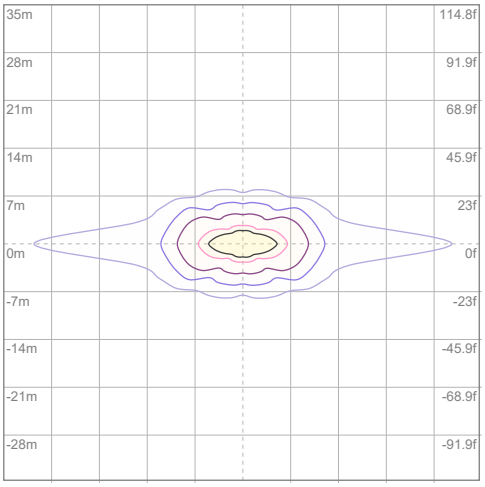
Polar Diagrams



iso-candela Diagram

10%	467 cd
20%	935 cd
30%	1402 cd
40%	1869 cd
50%	2337 cd
60%	2804 cd
70%	3271 cd
80%	3739 cd
90%	4206 cd

Conditions:
Number of c-planes: 8
Candela at center: 4673 cd



iso-illuminance Diagram

3%	1.40 lx
5%	2.34 lx
10%	4.67 lx
30%	14.0 lx
50%	23.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 46.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Report Summary

Output

Total Lumens: 1387 lm
Peak Intensity: 3220 cd
Illuminance @ 5m: 119 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.9°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.1°
Horizontal Cutoff Angle (3%): 150°
Vertical Cutoff Angle (3%): 87.2°



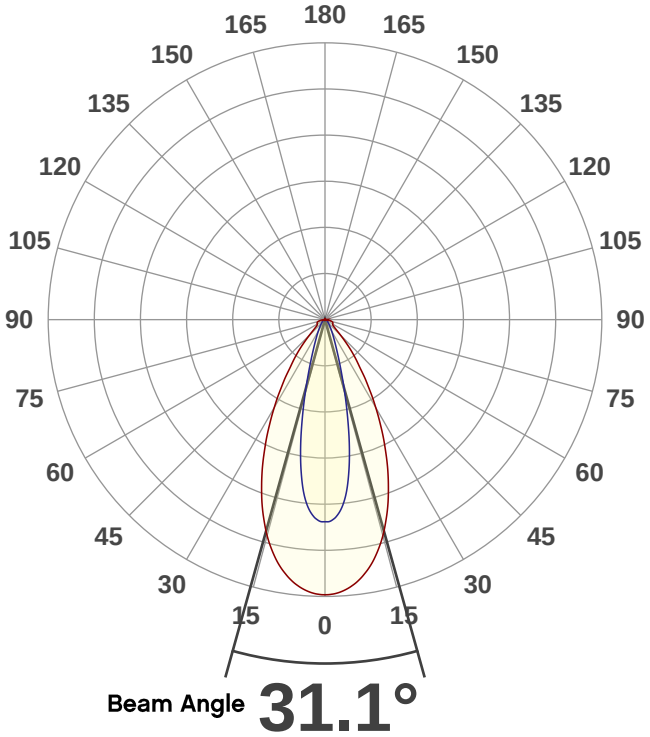
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

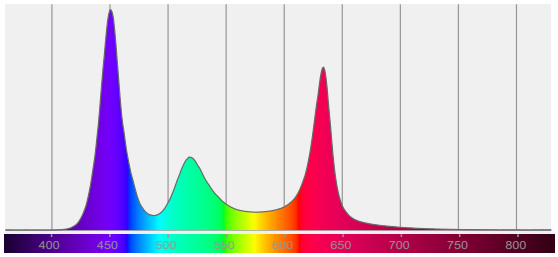
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Overall Measurement

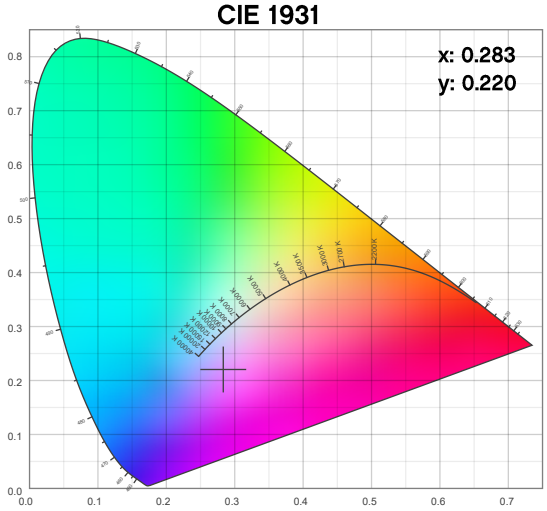
Angular Beam Distribution



Spectral Distribution



CIE 1931

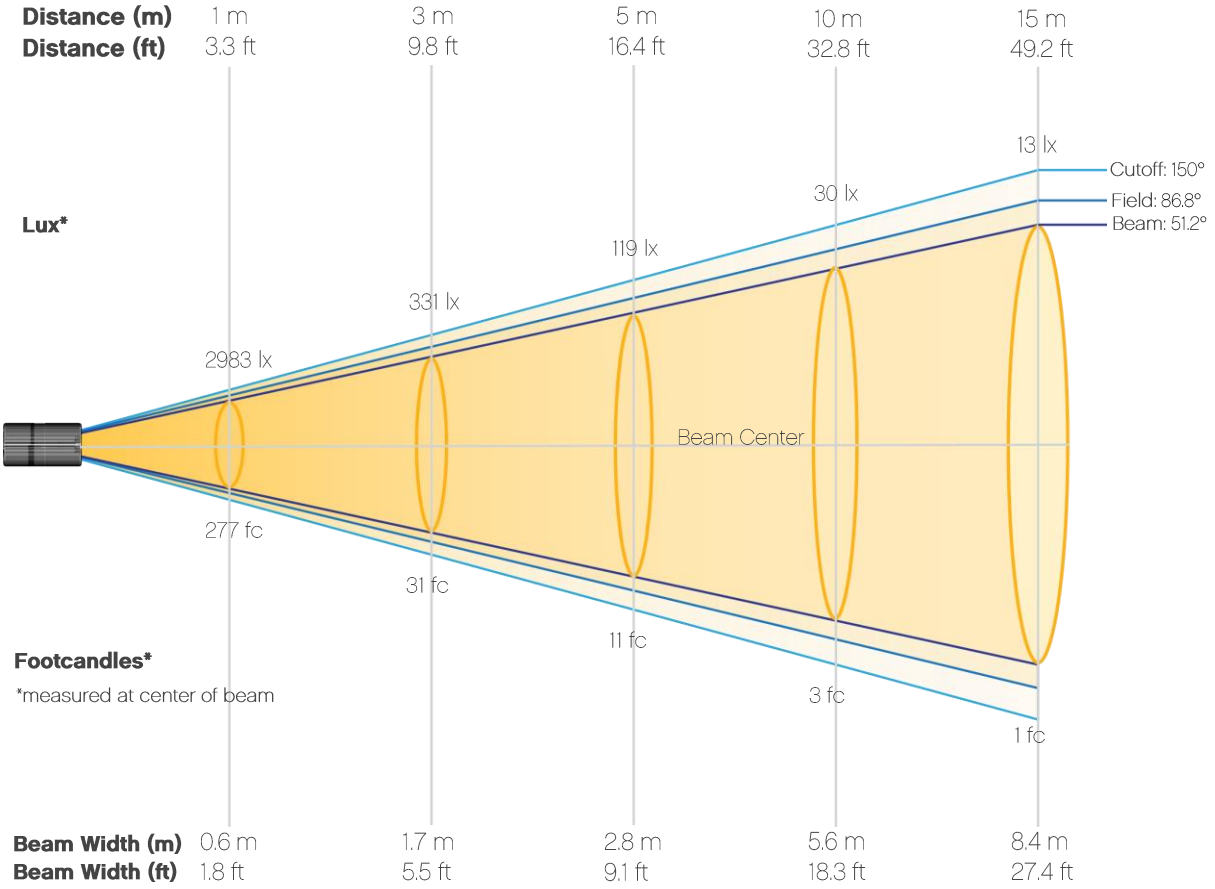


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

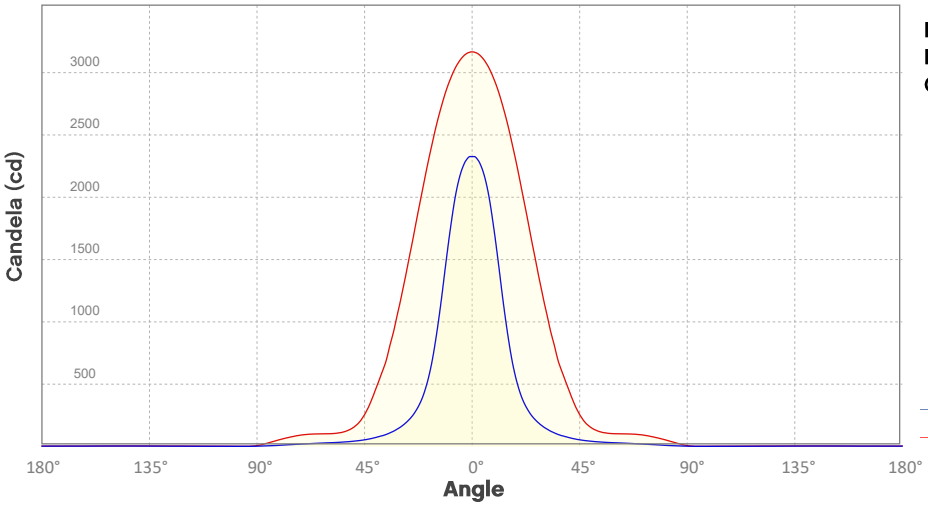
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2983	746	331	186	119	83	61	47	37	30
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	25	21	18	15	13	12	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	277	69	31	17	11	8	6	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

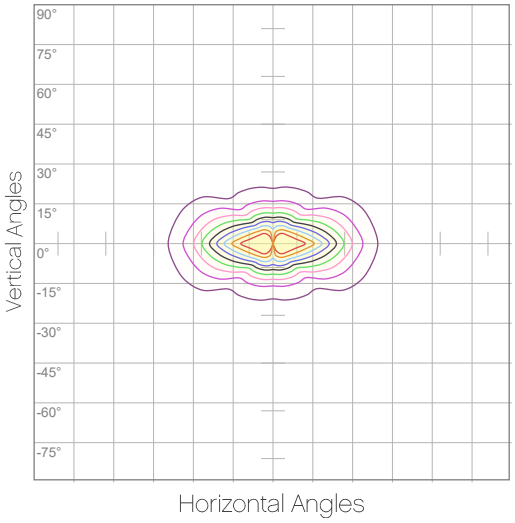
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.4°
Cutoff Angle (3%): 105.5°

Horizontal Distribution
Vertical Distribution

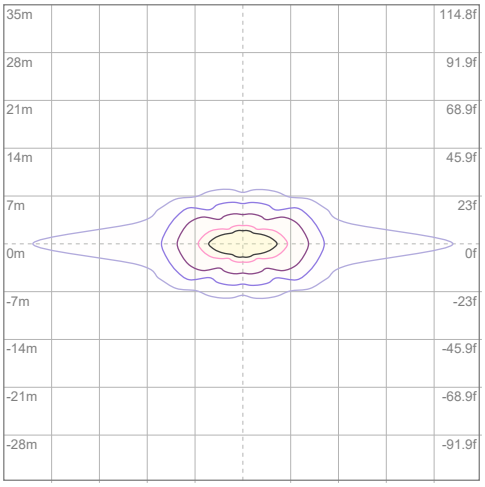
Polar Diagrams



iso-candela Diagram

10%	298 cd
20%	597 cd
30%	895 cd
40%	1193 cd
50%	1491 cd
60%	1790 cd
70%	2088 cd
80%	2386 cd
90%	2684 cd

Conditions:
Number of c-planes: 8
Candela at center: 2983 cd



iso-illuminance Diagram

3%	0.895 lx
5%	1.49 lx
10%	2.98 lx
30%	8.95 lx
50%	14.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 29.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Report Summary

Output

Total Lumens: 907 lm
Peak Intensity: 2104 cd
Illuminance @ 5m: 78 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.5°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 50.6°
Horizontal Cutoff Angle (3%): 149.7°
Vertical Cutoff Angle (3%): 86.2°



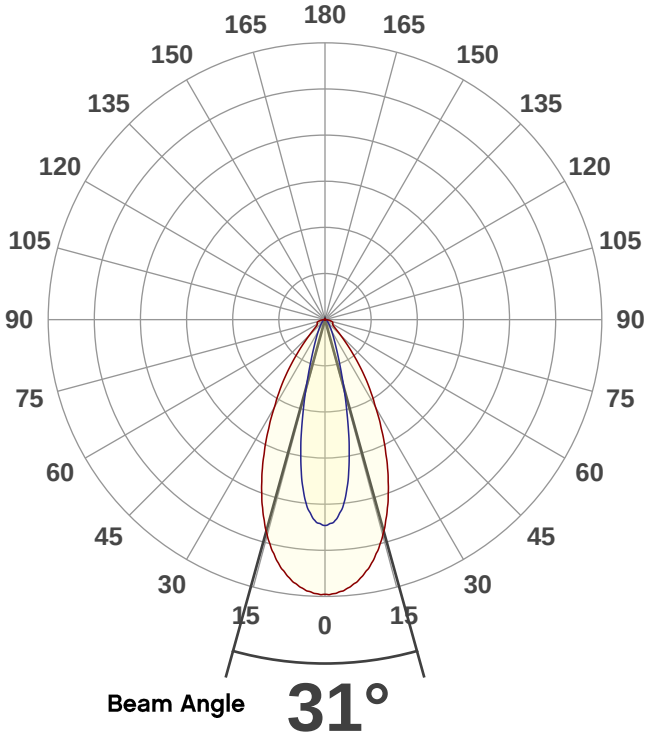
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

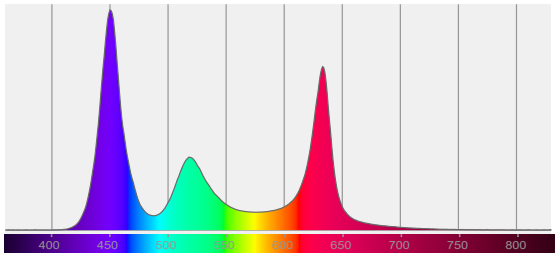
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Overall Measurement

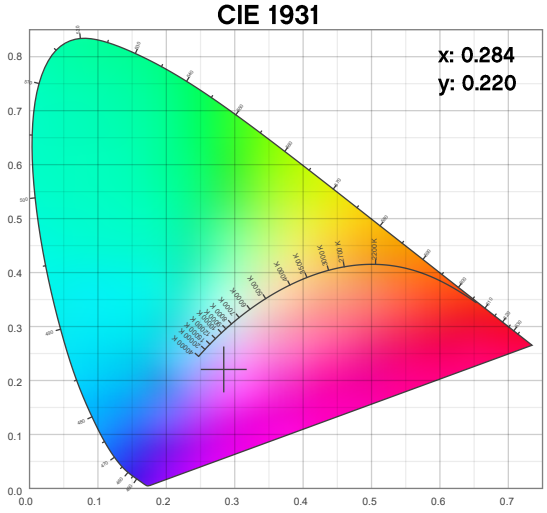
Angular Beam Distribution



Spectral Distribution



CIE 1931

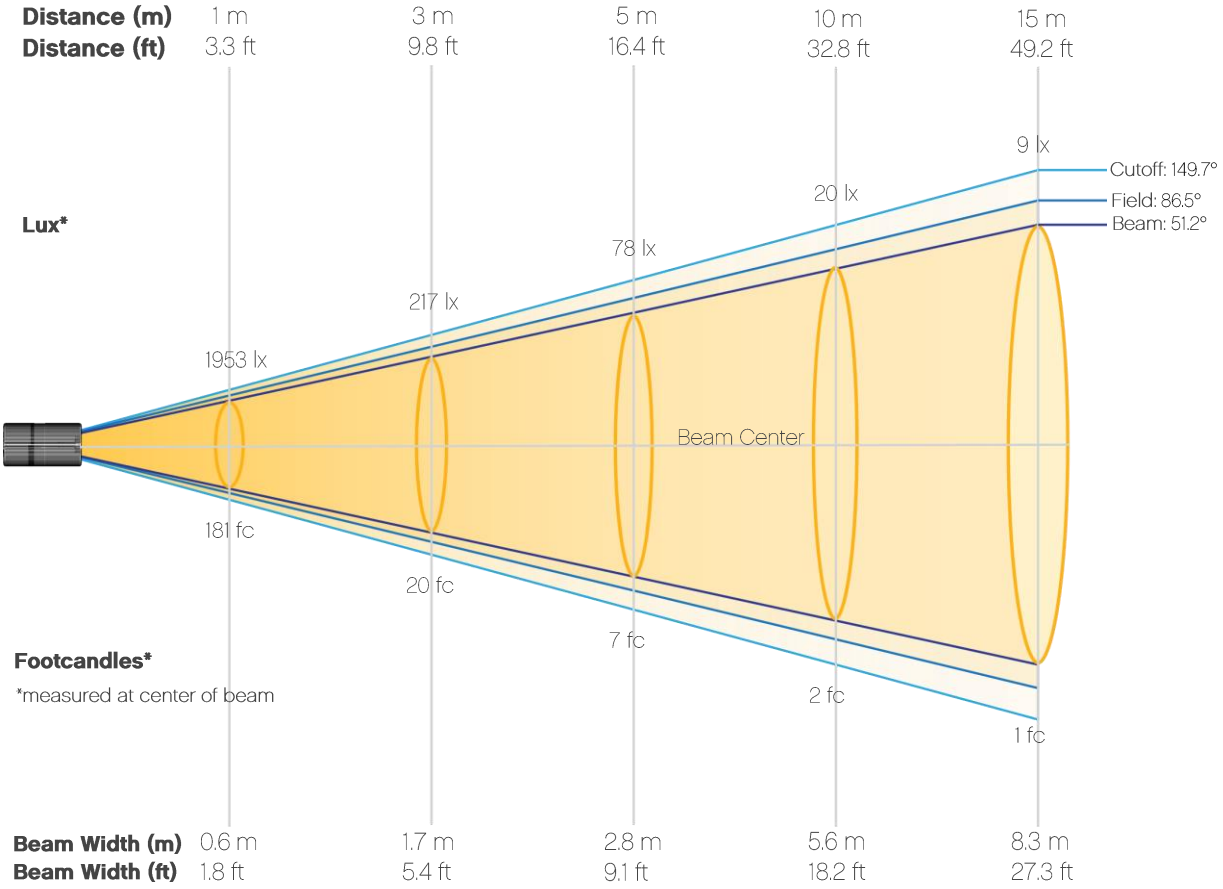


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

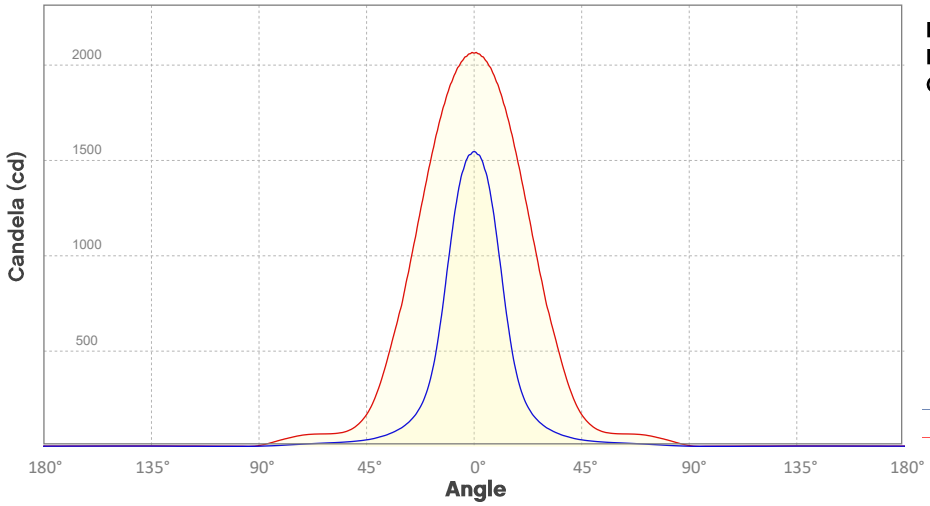
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1953	488	217	122	78	54	40	31	24	20
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	16	14	12	10	9	8	7	6	5	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	181	45	20	11	7	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	1	1	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Full Power

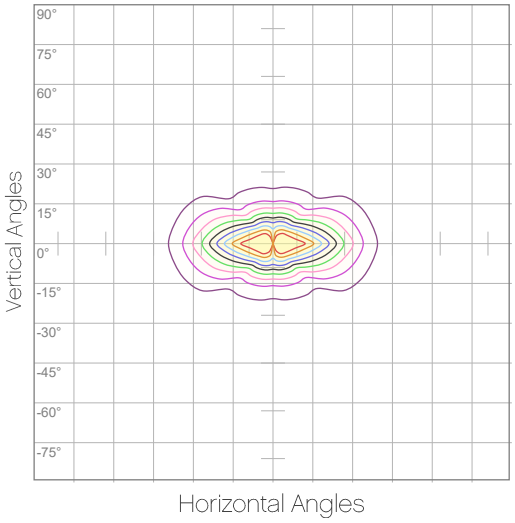
Candela Plot



Beam Angle (50%): 31°
Field Angle (10%): 60.2°
Cutoff Angle (3%): 105.2°

Horizontal Distribution
Vertical Distribution

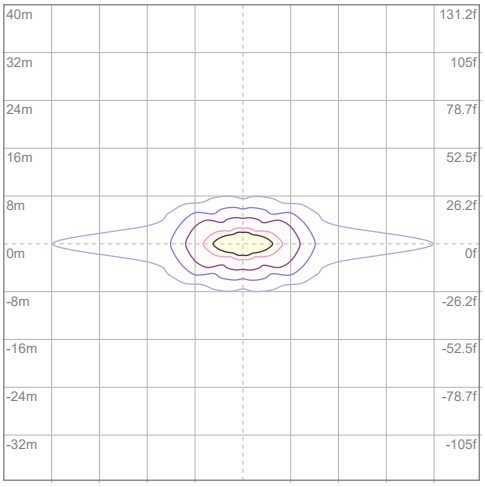
Polar Diagrams



iso-candela Diagram

10%	195 cd
20%	391 cd
30%	586 cd
40%	781 cd
50%	977 cd
60%	1172 cd
70%	1367 cd
80%	1563 cd
90%	1758 cd

Conditions:
Number of c-planes: 8
Candela at center: 1953 cd



iso-illuminance Diagram

3%	0.586 lx
5%	0.977 lx
10%	1.95 lx
30%	5.86 lx
50%	9.77 lx

Conditions:
Number of c-planes: 8
Lux at center: 19.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Report Summary

Output

Total Lumens: 1872 lm
Peak Intensity: 4470 cd
Illuminance @ 5m: 164 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 50.4°
Vertical Beam Angle (50%): 27.3°
Horizontal Field Angle (10%): 85.8°
Vertical Field Angle (10%): 51.4°
Horizontal Cutoff Angle (3%): 149.1°
Vertical Cutoff Angle (3%): 86.3°



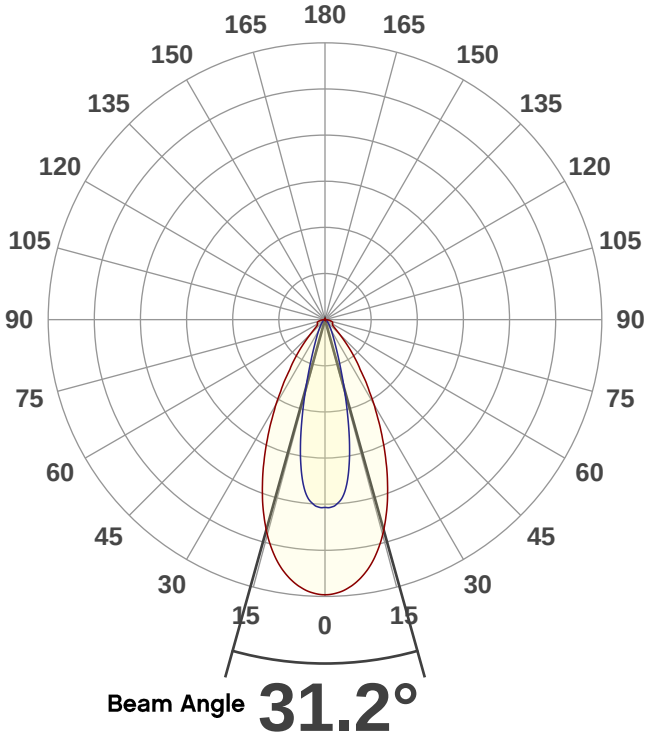
Conditions

AC Supply: 119 V, 60 Hz
Power: 273.6 W
Current: 2.29 A
Power Factor: 1.0

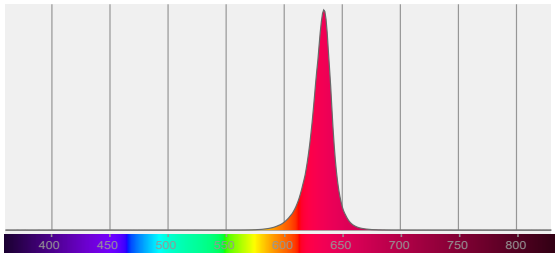
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Overall Measurement

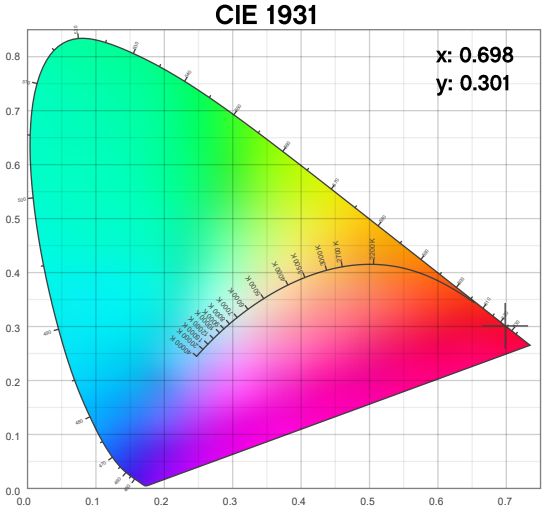
Angular Beam Distribution



Spectral Distribution



CIE 1931

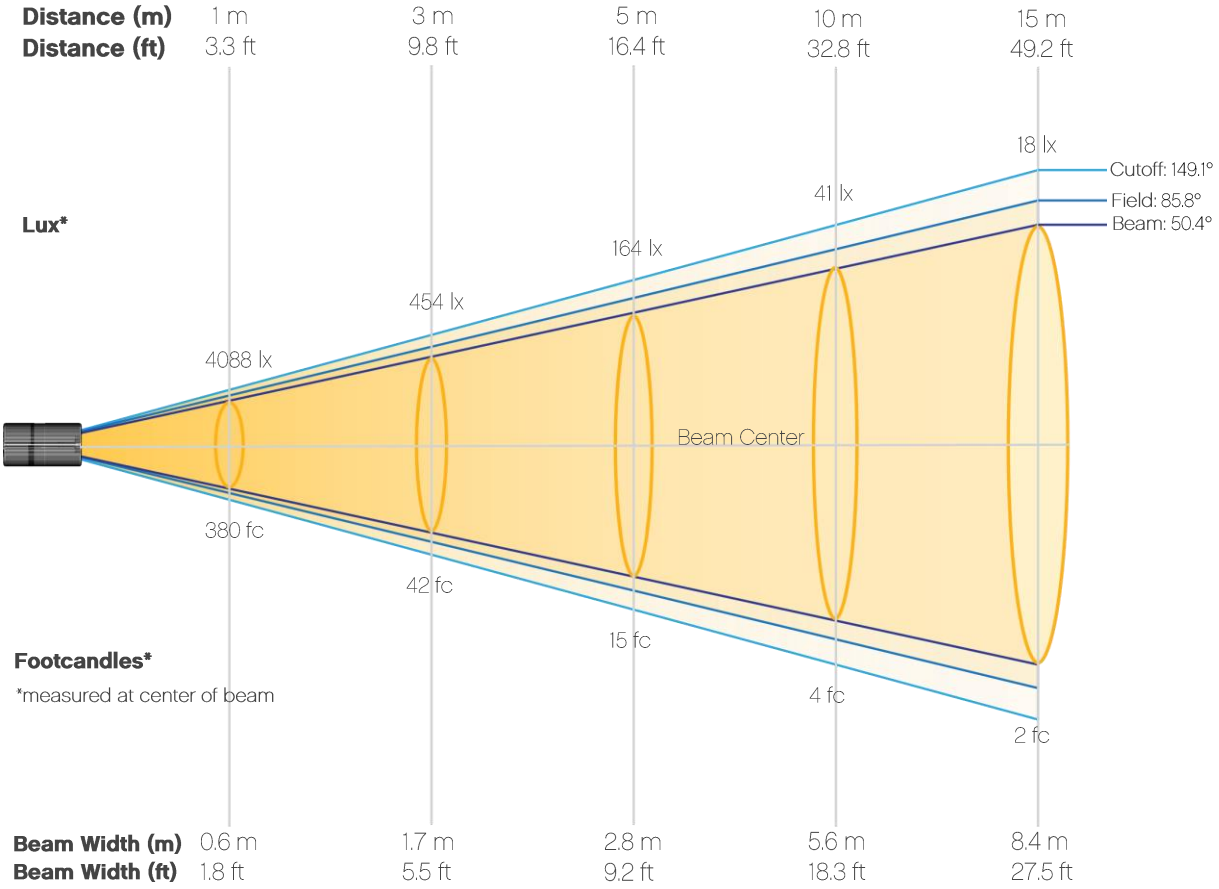


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

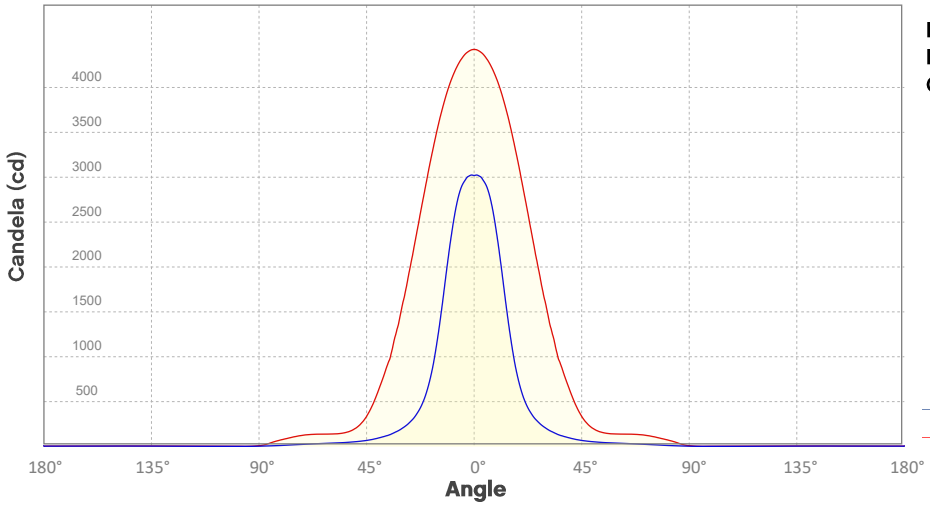
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4088	1022	454	256	164	114	83	64	50	41
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	34	28	24	21	18	16	14	13	11	10
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	380	95	42	24	15	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

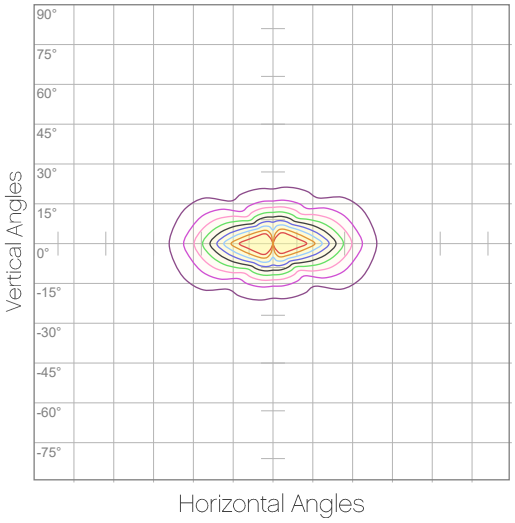
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 59.6°
Cutoff Angle (3%): 103.5°

Horizontal Distribution
Vertical Distribution

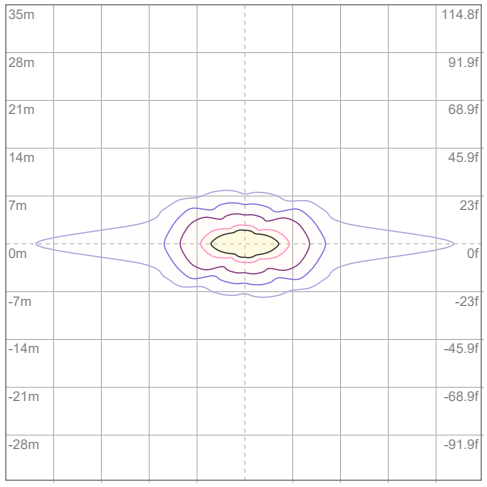
Polar Diagrams



iso-candela Diagram

10%	409 cd
20%	818 cd
30%	1227 cd
40%	1635 cd
50%	2044 cd
60%	2453 cd
70%	2862 cd
80%	3271 cd
90%	3680 cd

Conditions:
Number of c-planes: 8
Candela at center: 4088 cd



iso-illuminance Diagram

3%	1.23 lx
5%	2.04 lx
10%	4.09 lx
30%	12.3 lx
50%	20.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 40.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Report Summary

Output

Total Lumens: 1698 lm
Peak Intensity: 4046 cd
Illuminance @ 5m: 148 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 49.7°
Horizontal Cutoff Angle (3%): 150.7°
Vertical Cutoff Angle (3%): 84.5°



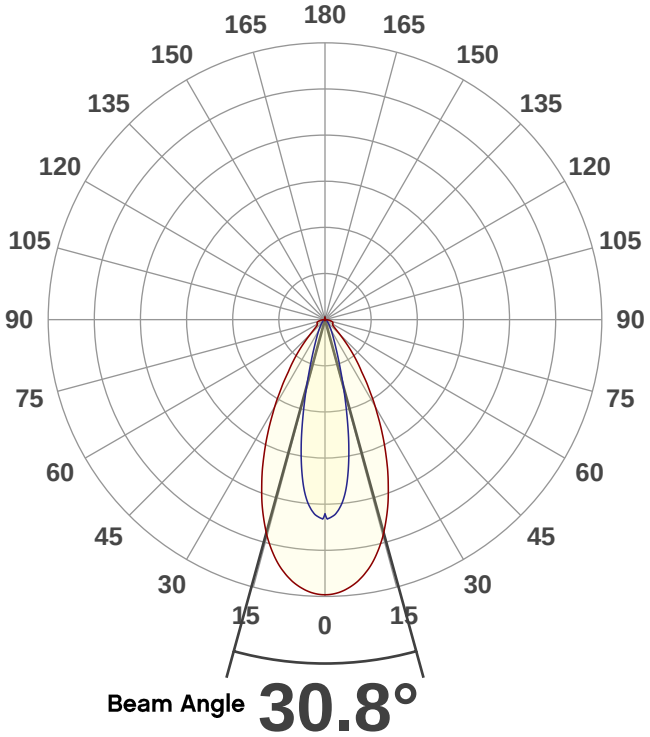
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

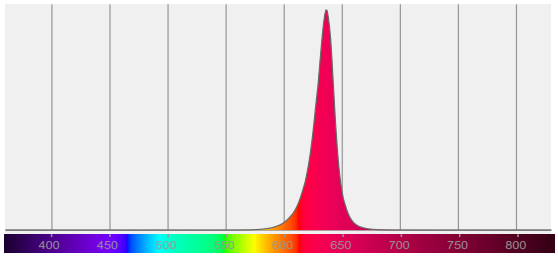
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Overall Measurement

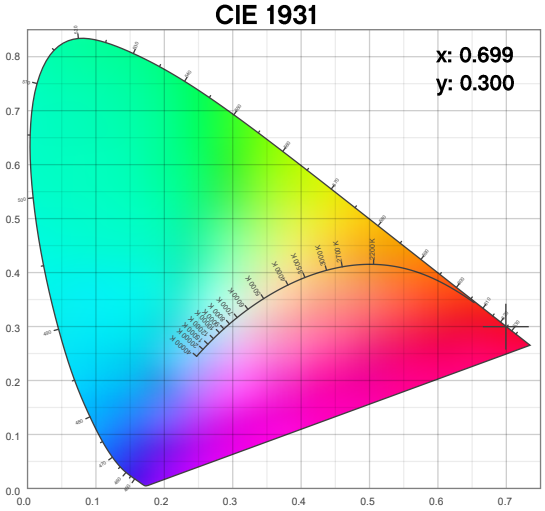
Angular Beam Distribution



Spectral Distribution



CIE 1931

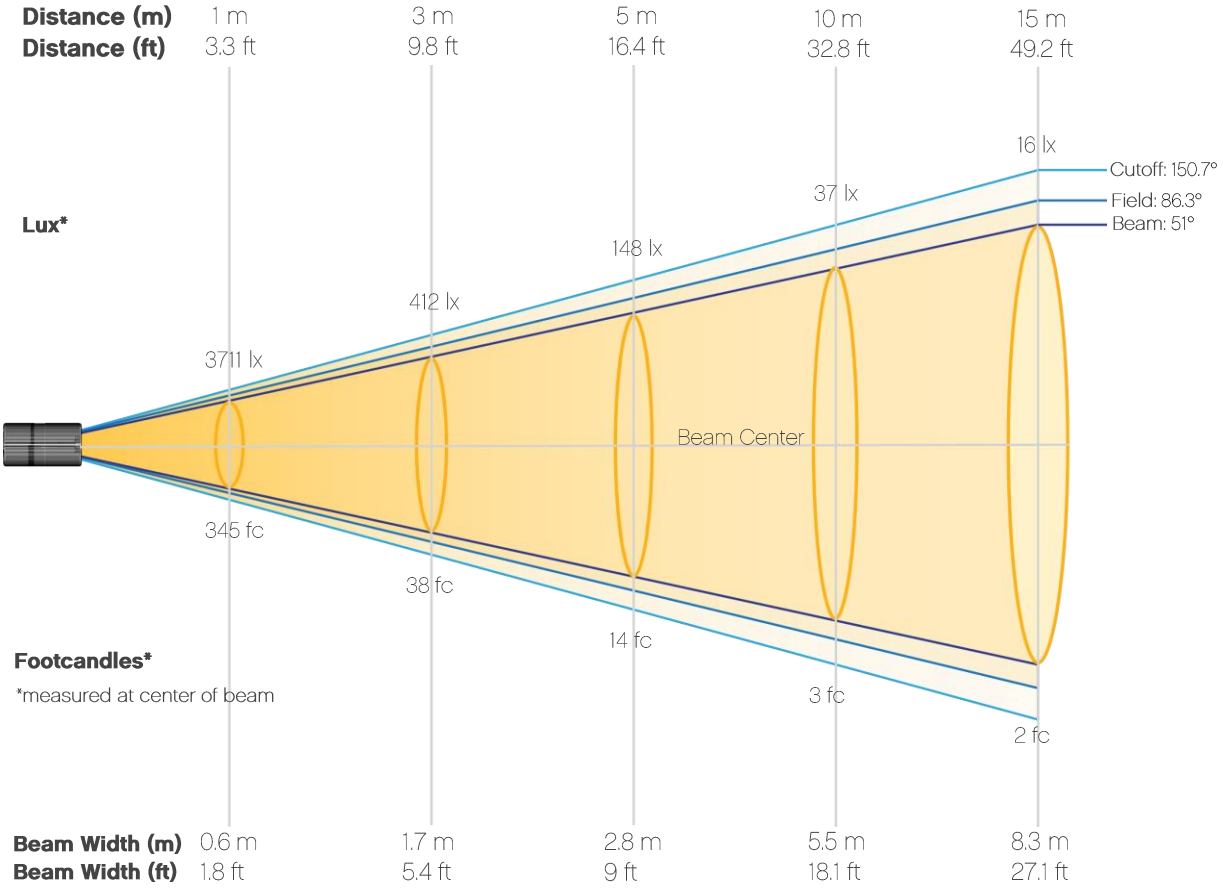


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

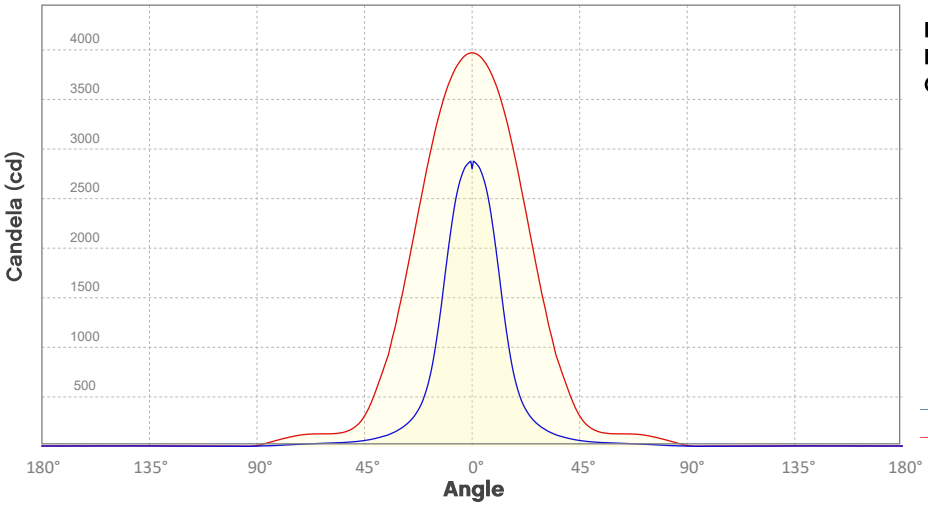
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3711	928	412	232	148	103	76	58	46	37
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	31	26	22	19	16	14	13	11	10	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	345	86	38	22	14	10	7	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

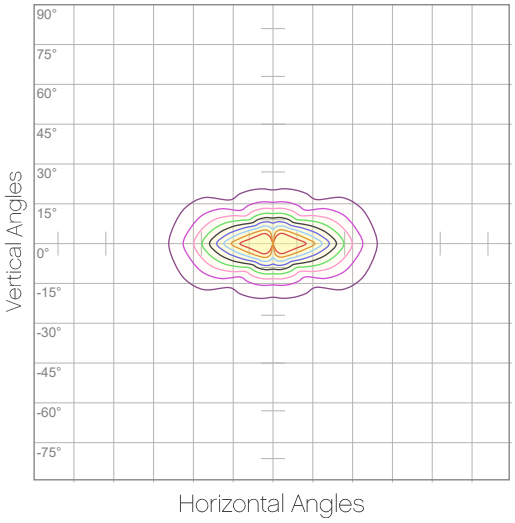
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 59.1°
Cutoff Angle (3%): 103.4°

Horizontal Distribution
Vertical Distribution

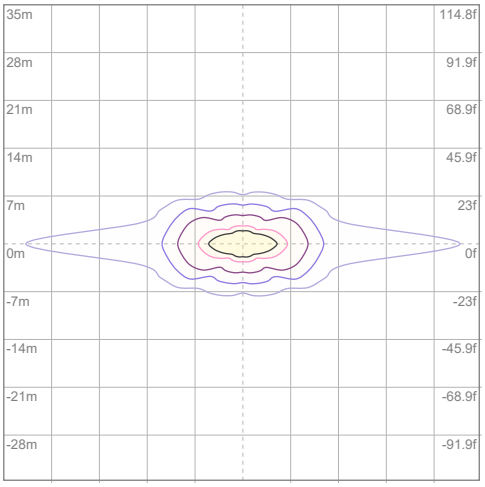
Polar Diagrams



iso-candela Diagram

10%	371 cd
20%	742 cd
30%	1113 cd
40%	1485 cd
50%	1856 cd
60%	2227 cd
70%	2598 cd
80%	2969 cd
90%	3340 cd

Conditions:
Number of c-planes: 8
Candela at center: 3711 cd



iso-illuminance Diagram

3%	1.11 lx
5%	1.86 lx
10%	3.71 lx
30%	11.1 lx
50%	18.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 37.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Report Summary

Output

Total Lumens: 1725 lm
Peak Intensity: 4115 cd
Illuminance @ 5m: 151 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.2°
Vertical Field Angle (10%): 49.7°
Horizontal Cutoff Angle (3%): 150.5°
Vertical Cutoff Angle (3%): 84.4°



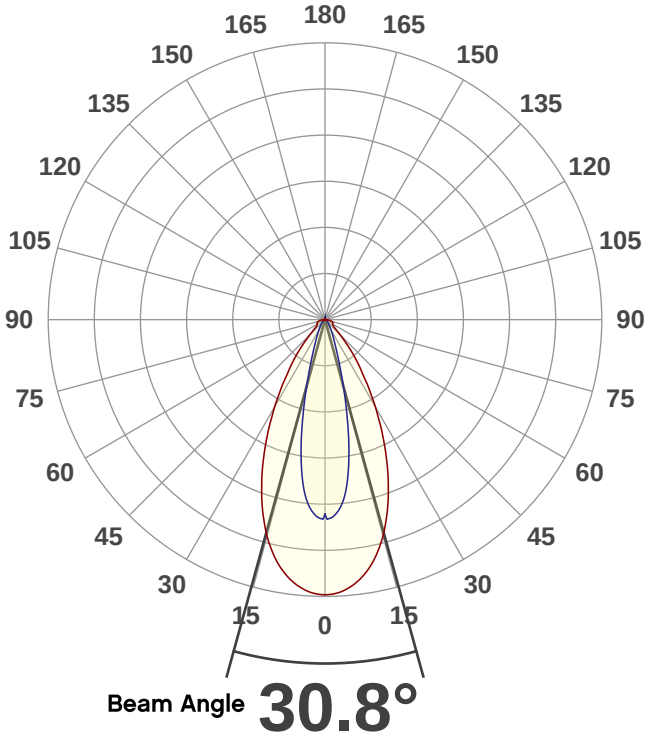
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

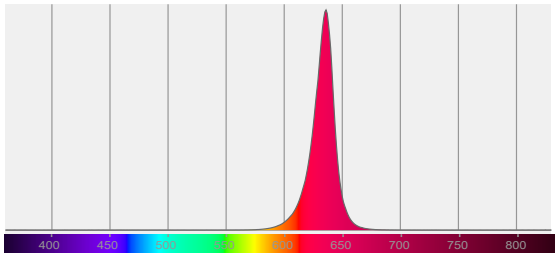
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Overall Measurement

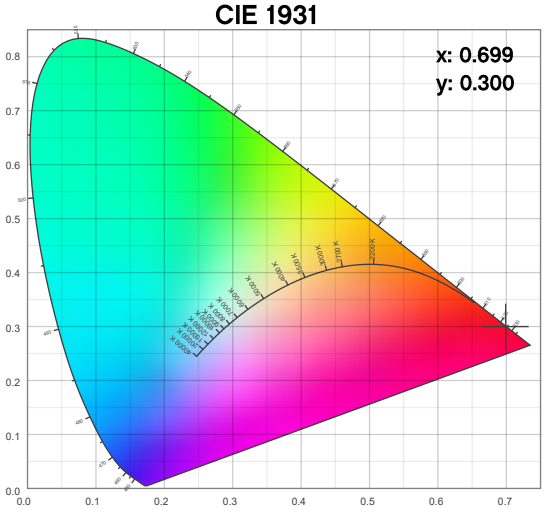
Angular Beam Distribution



Spectral Distribution



CIE 1931

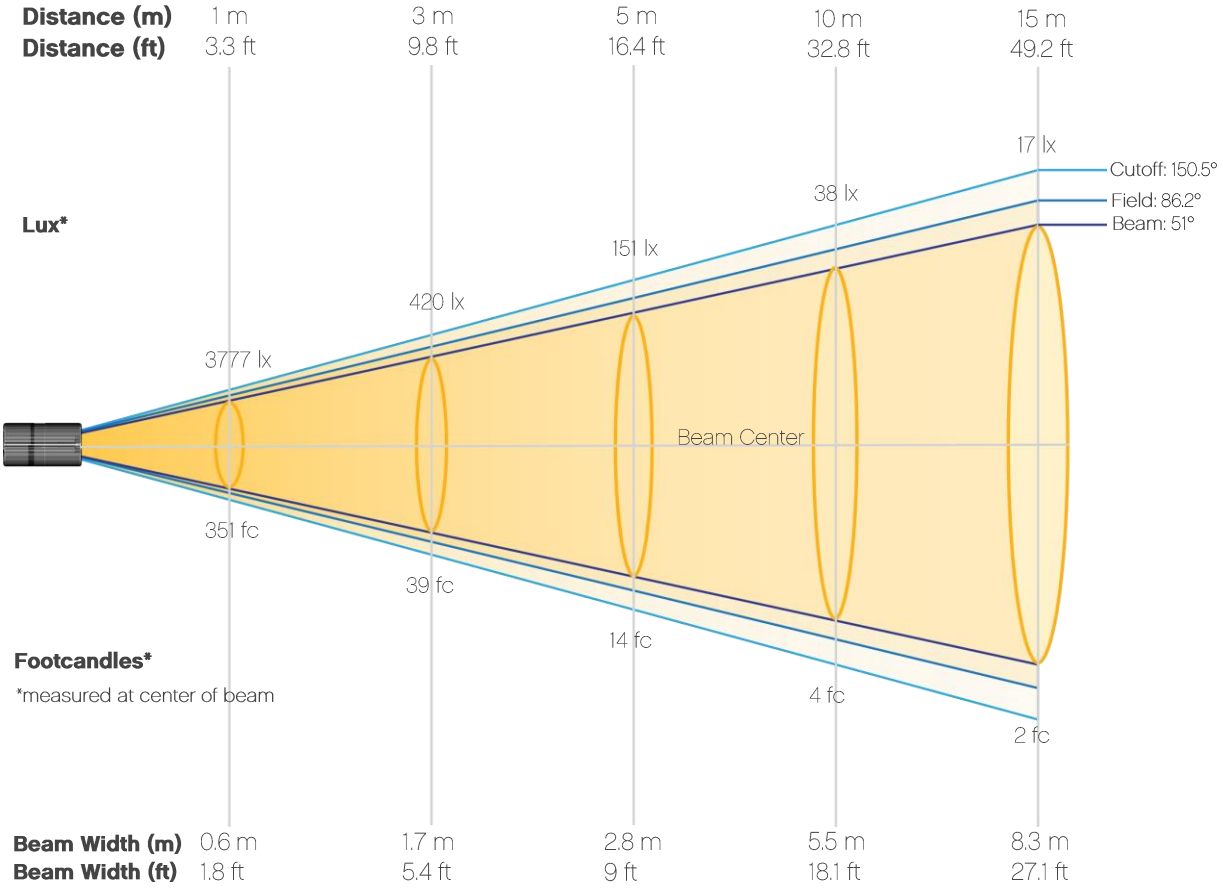


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

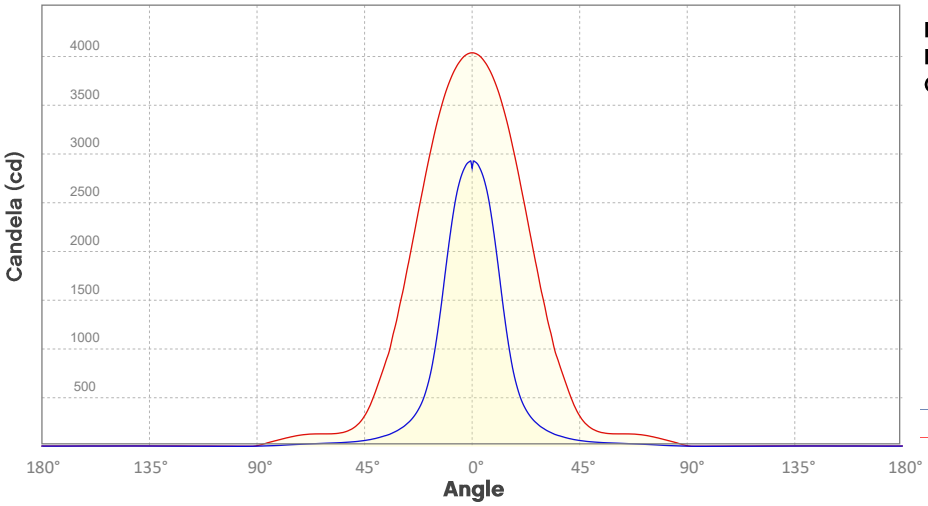
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3777	944	420	236	151	105	77	59	47	38
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	31	26	22	19	17	15	13	12	10	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	351	88	39	22	14	10	7	5	4	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

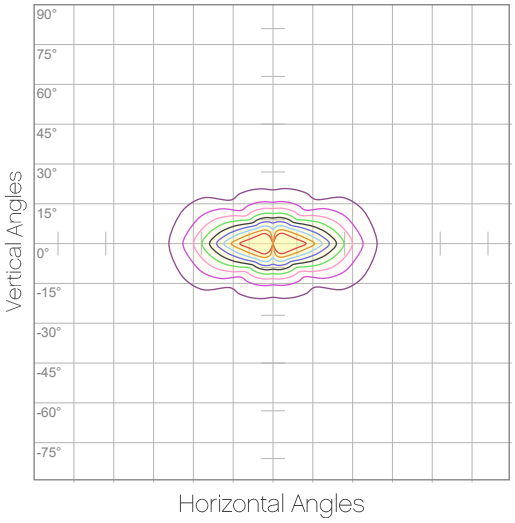
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 59.1°
Cutoff Angle (3%): 103.3°

Horizontal Distribution
Vertical Distribution

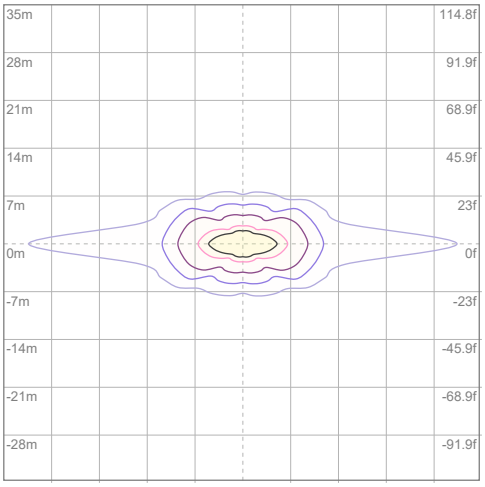
Polar Diagrams



iso-candela Diagram

10%	378 cd
20%	755 cd
30%	1133 cd
40%	1511 cd
50%	1888 cd
60%	2266 cd
70%	2644 cd
80%	3021 cd
90%	3399 cd

Conditions:
Number of c-planes: 8
Candela at center: 3777 cd



iso-illuminance Diagram

3%	1.13 lx
5%	1.89 lx
10%	3.78 lx
30%	11.3 lx
50%	18.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 37.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Report Summary

Output

Total Lumens: 603 lm
Peak Intensity: 1417 cd
Illuminance @ 5m: 52 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.1°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.2°
Vertical Field Angle (10%): 49.8°
Horizontal Cutoff Angle (3%): 151.1°
Vertical Cutoff Angle (3%): 85°



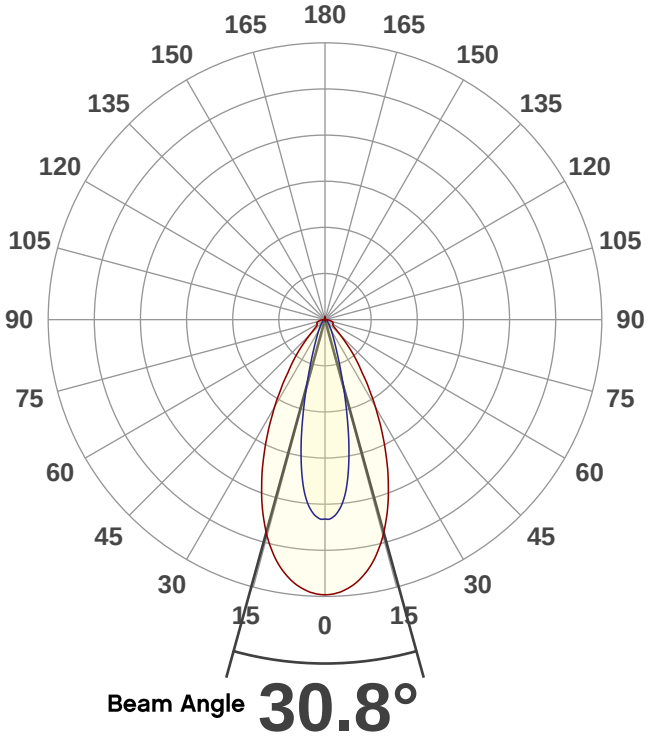
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

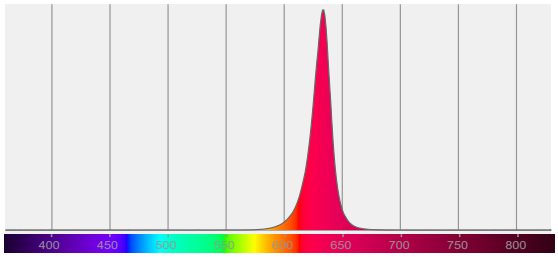
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Overall Measurement

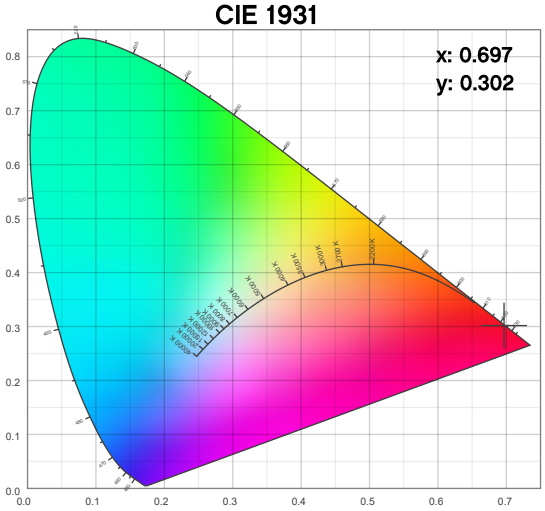
Angular Beam Distribution



Spectral Distribution



CIE 1931

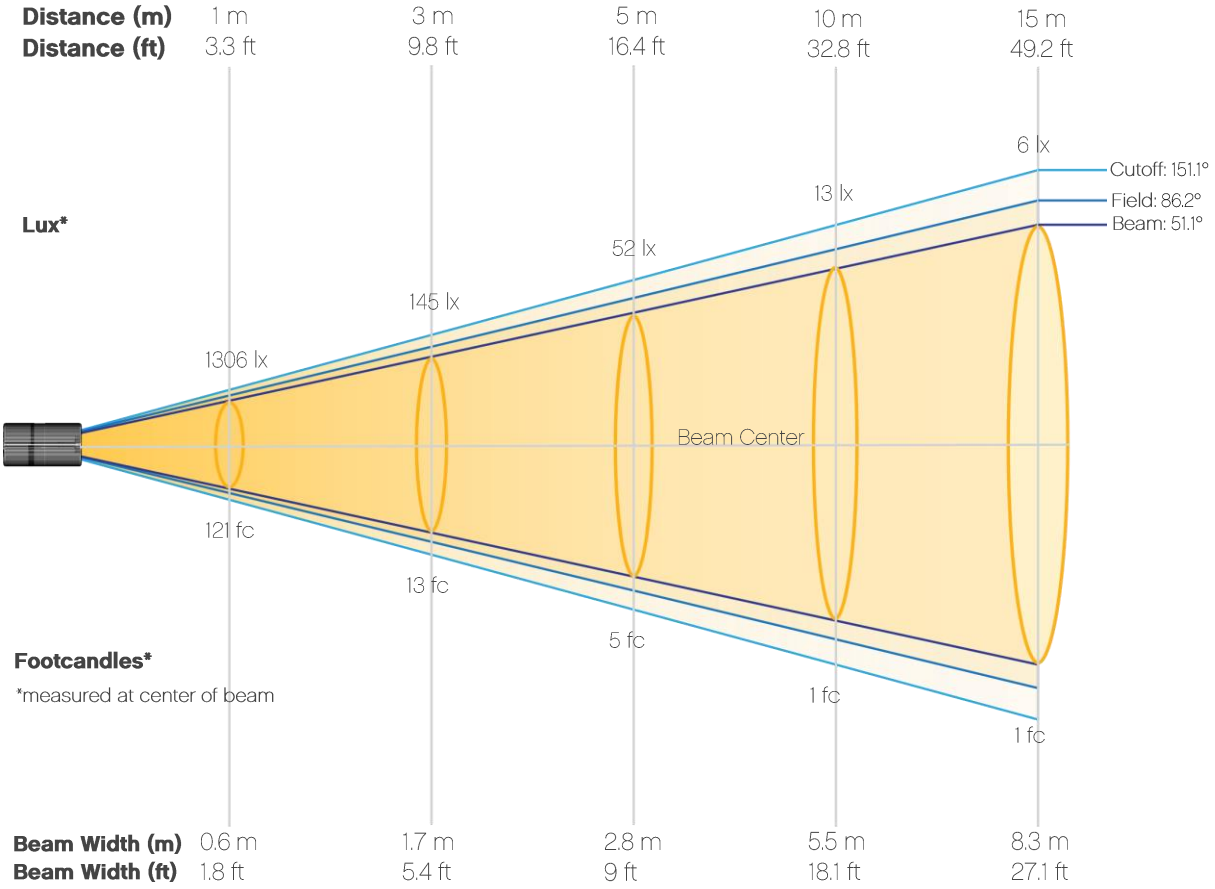


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

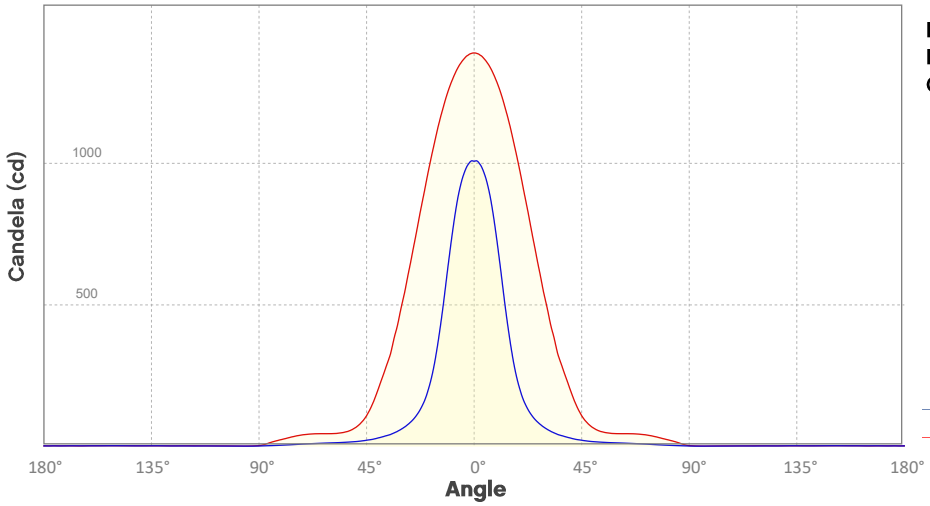
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1306	327	145	82	52	36	27	20	16	13
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	11	9	8	7	6	5	5	4	4	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	121	30	13	8	5	3	2	2	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

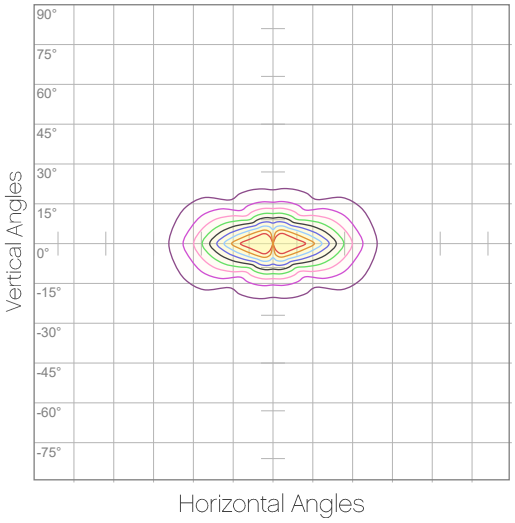
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 59.3°
Cutoff Angle (3%): 104°

Horizontal Distribution
Vertical Distribution

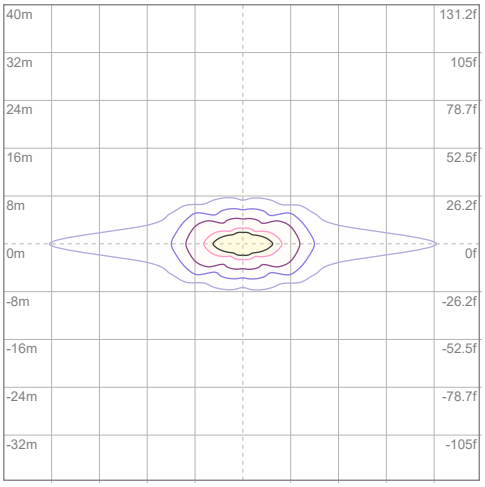
Polar Diagrams



iso-candela Diagram

10%	131 cd
20%	261 cd
30%	392 cd
40%	523 cd
50%	653 cd
60%	784 cd
70%	914 cd
80%	1045 cd
90%	1176 cd

Conditions:
Number of c-planes: 8
Candela at center: 1306 cd



iso-illuminance Diagram

3%	0.392 lx
5%	0.653 lx
10%	1.31 lx
30%	3.92 lx
50%	6.53 lx

Conditions:
Number of c-planes: 8
Lux at center: 13.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Report Summary

Output

Total Lumens: 391 lm
Peak Intensity: 930 cd
Illuminance @ 5m: 34 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.3°
Horizontal Field Angle (10%): 86°
Vertical Field Angle (10%): 49.3°
Horizontal Cutoff Angle (3%): 150.2°
Vertical Cutoff Angle (3%): 83.7°



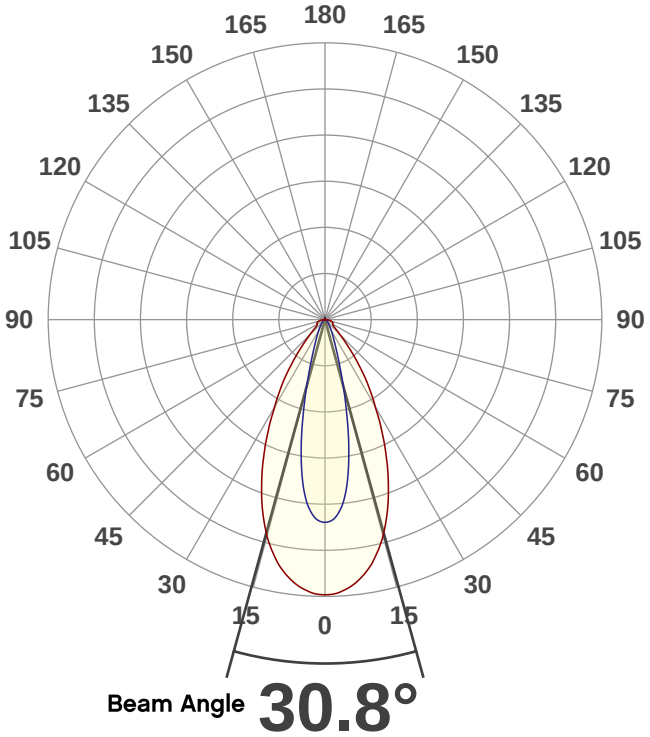
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

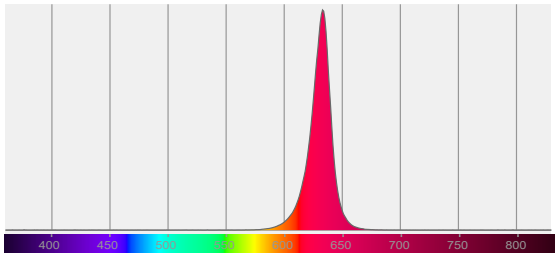
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Overall Measurement

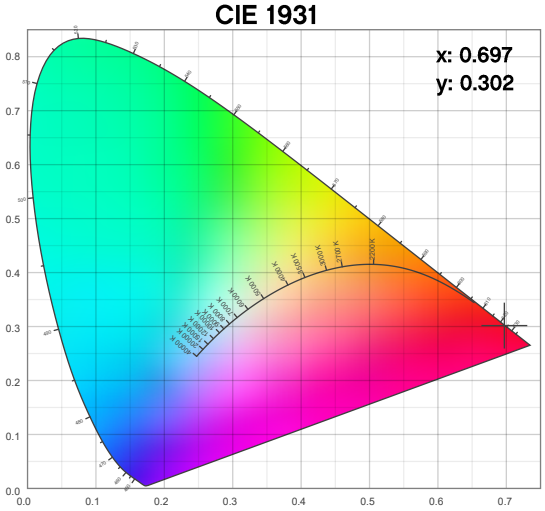
Angular Beam Distribution



Spectral Distribution



CIE 1931

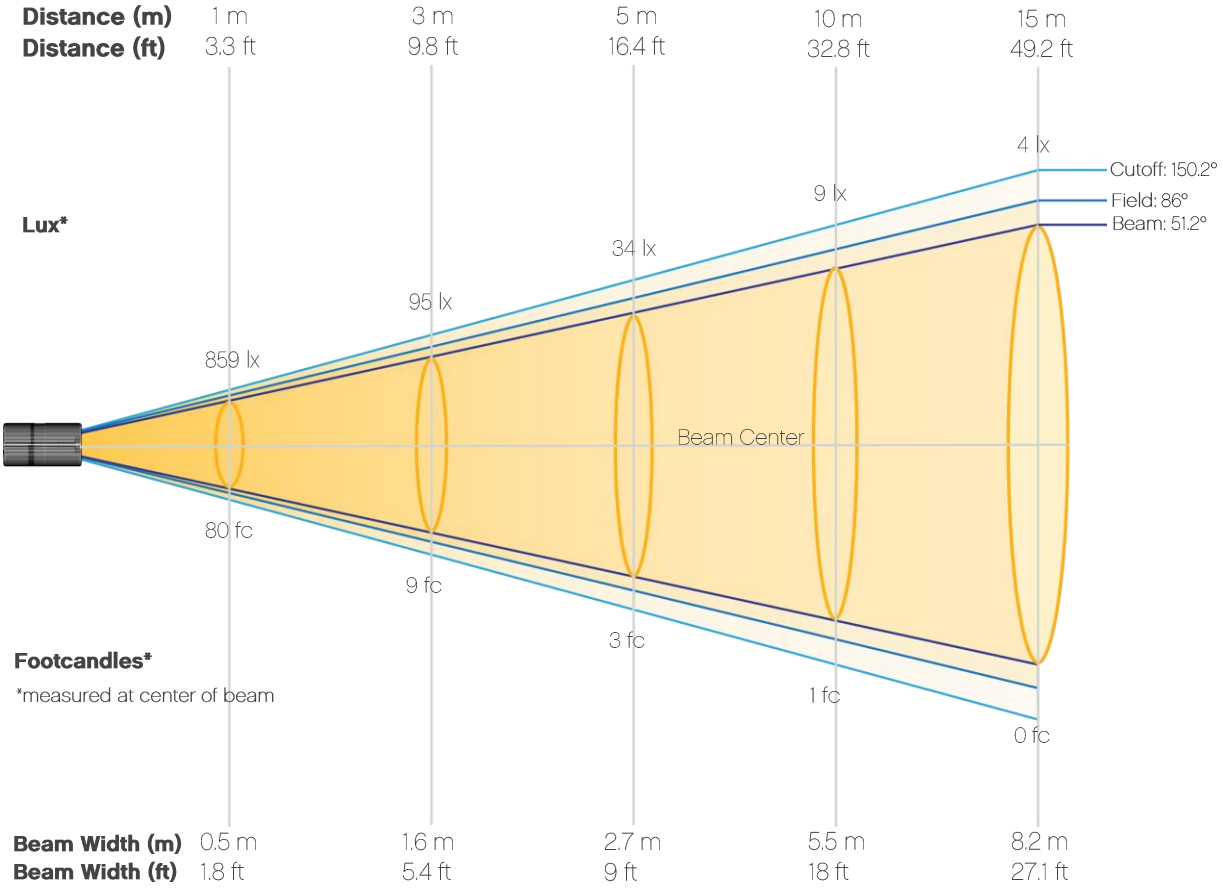


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

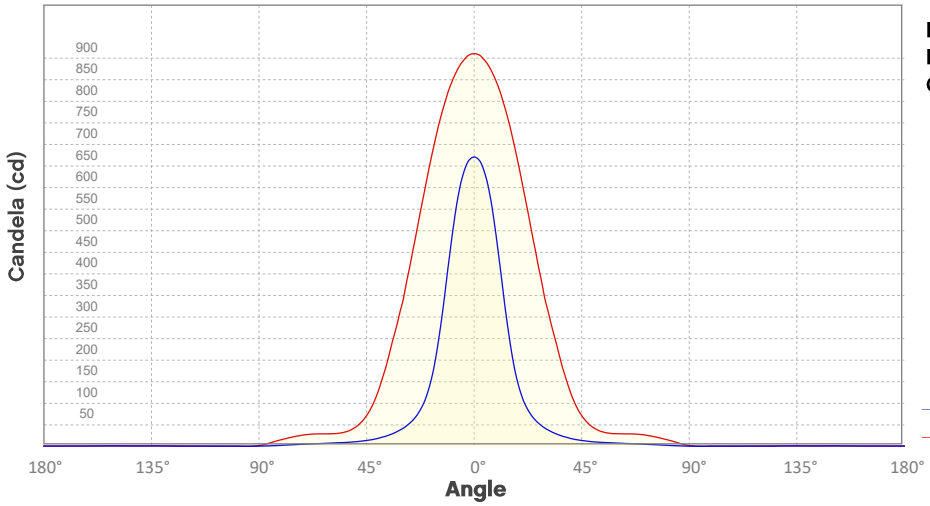
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	859	215	95	54	34	24	18	13	11	9
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	7	6	5	4	4	3	3	3	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	80	20	9	5	3	2	2	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Red Only

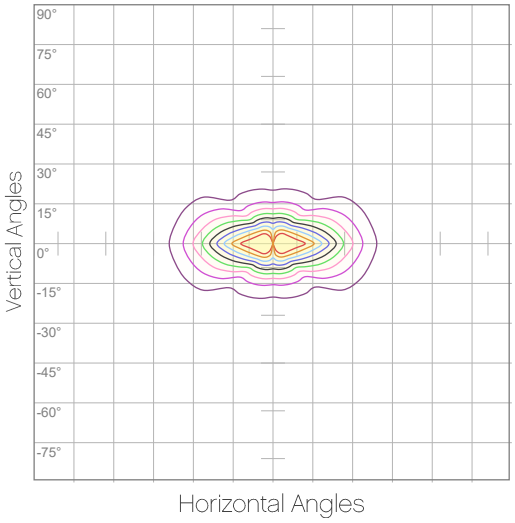
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 59°
Cutoff Angle (3%): 103.3°

Horizontal Distribution
Vertical Distribution

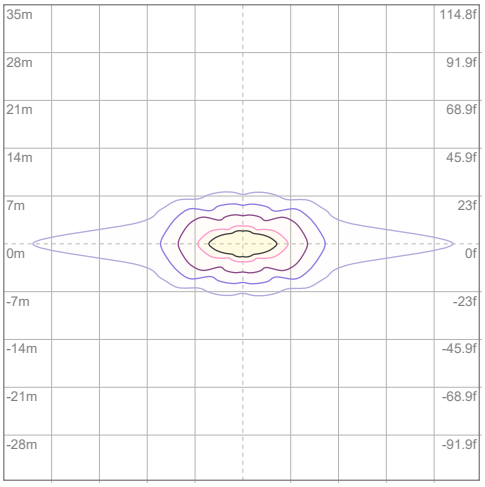
Polar Diagrams



iso-candela Diagram

10%	86 cd
20%	172 cd
30%	258 cd
40%	344 cd
50%	430 cd
60%	515 cd
70%	601 cd
80%	687 cd
90%	773 cd

Conditions:
Number of c-planes: 8
Candela at center: 859 cd



iso-illuminance Diagram

3%	0.258 lx
5%	0.430 lx
10%	0.859 lx
30%	2.58 lx
50%	4.30 lx

Conditions:
Number of c-planes: 8
Lux at center: 8.59 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Report Summary

Output

Total Lumens: 3767 lm
Peak Intensity: 8688 cd
Illuminance @ 5m: 318 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 50.6°
Vertical Beam Angle (50%): 27.3°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 52.4°
Horizontal Cutoff Angle (3%): 149.1°
Vertical Cutoff Angle (3%): 89.4°



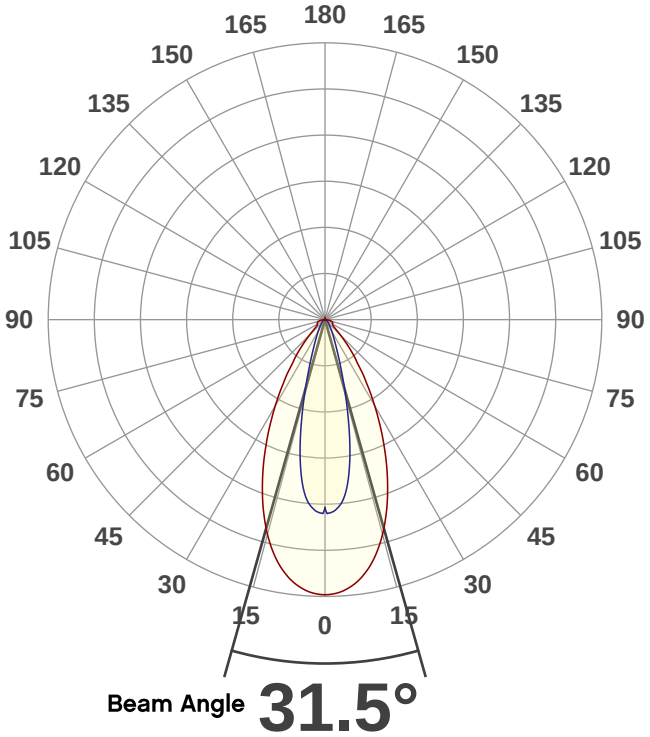
Conditions

AC Supply: 119 V, 60 Hz
Power: 276.85 W
Current: 2.32 A
Power Factor: 1.0

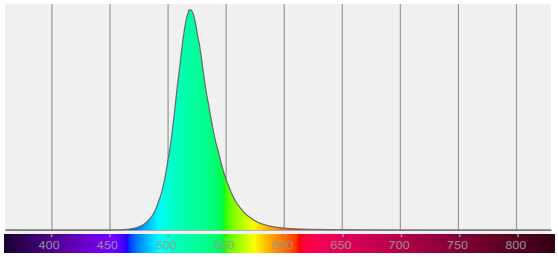
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Overall Measurement

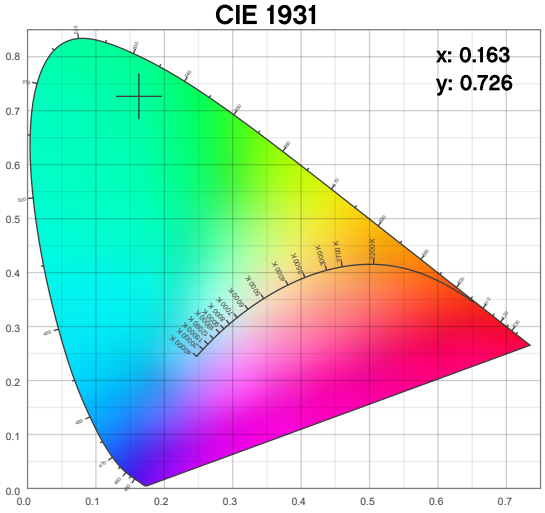
Angular Beam Distribution



Spectral Distribution



CIE 1931

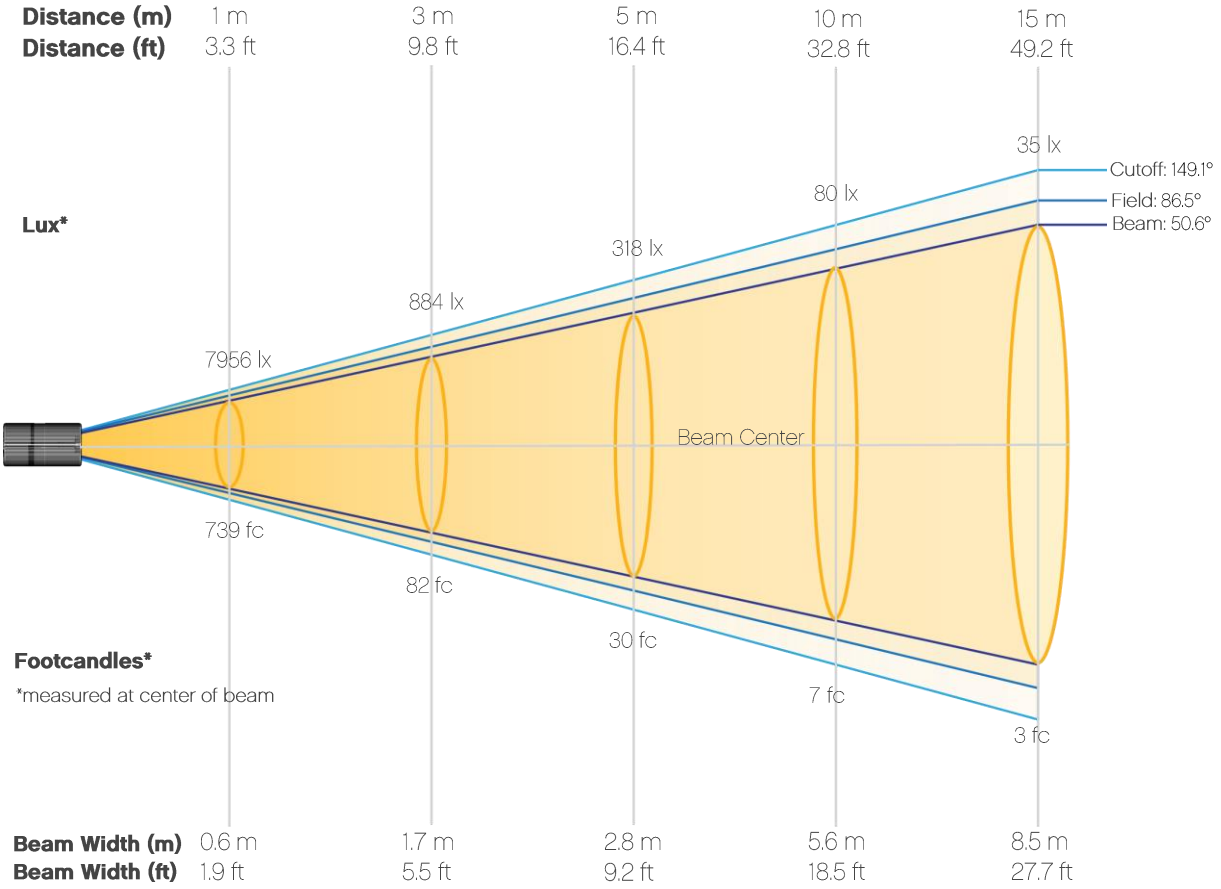


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

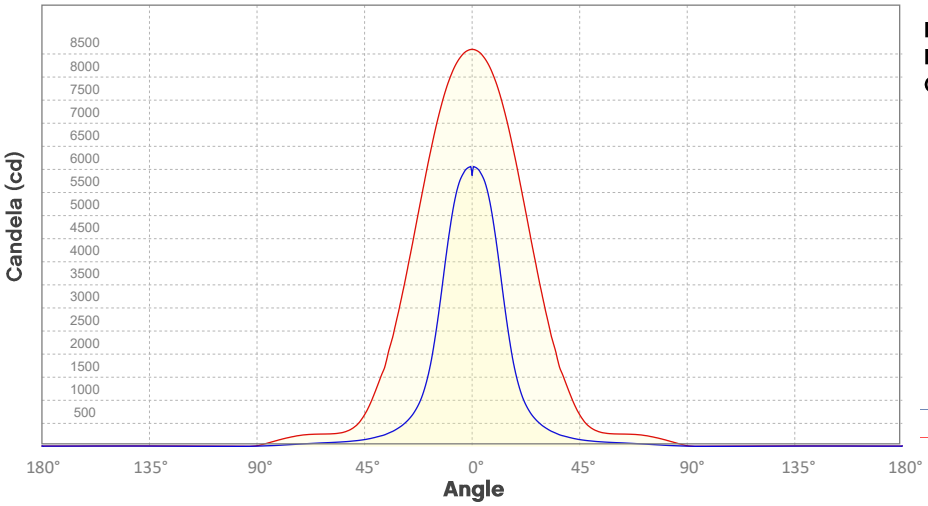
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7956	1989	884	497	318	221	162	124	98	80
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	66	55	47	41	35	31	28	25	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	739	185	82	46	30	21	15	12	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

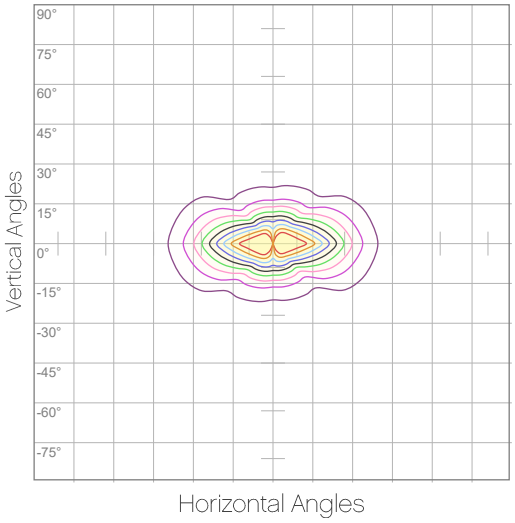
Candela Plot



Beam Angle (50%): 31.5°
Field Angle (10%): 60.9°
Cutoff Angle (3%): 106.2°

Horizontal Distribution
Vertical Distribution

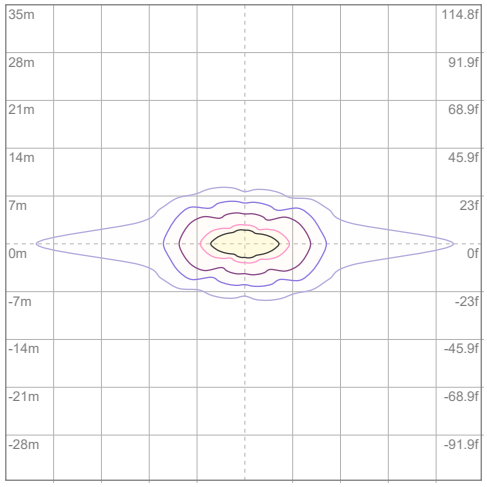
Polar Diagrams



iso-candela Diagram

10%	796 cd
20%	1591 cd
30%	2387 cd
40%	3182 cd
50%	3978 cd
60%	4774 cd
70%	5569 cd
80%	6365 cd
90%	7161 cd

Conditions:
Number of c-planes: 8
Candela at center: 7956 cd



iso-illuminance Diagram

3%	2.39 lx
5%	3.98 lx
10%	7.96 lx
30%	23.9 lx
50%	39.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 79.6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Report Summary

Output

Total Lumens: 3735 lm
Peak Intensity: 8627 cd
Illuminance @ 5m: 318 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 26.1°
Horizontal Field Angle (10%): 87°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 150°
Vertical Cutoff Angle (3%): 87.8°



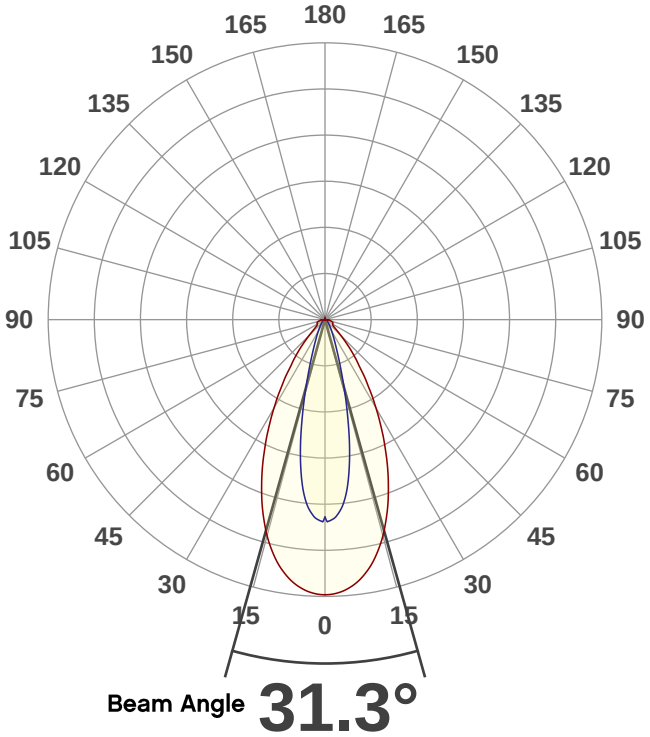
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

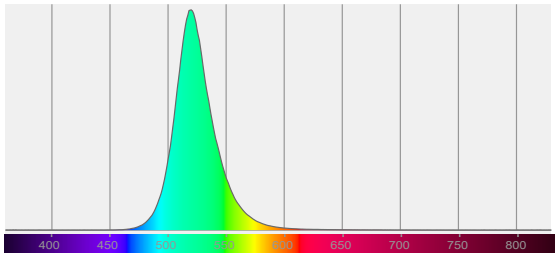
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Overall Measurement

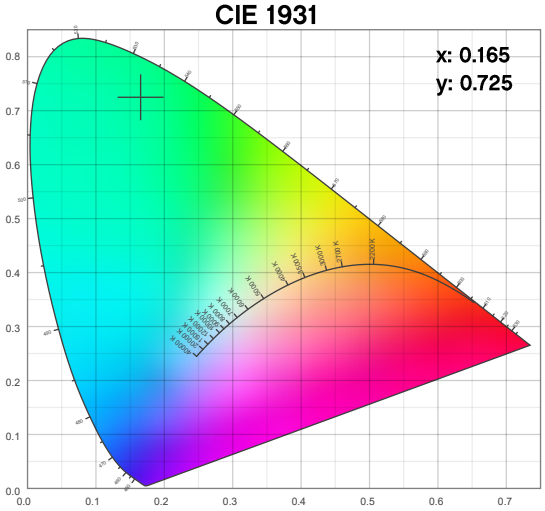
Angular Beam Distribution



Spectral Distribution



CIE 1931

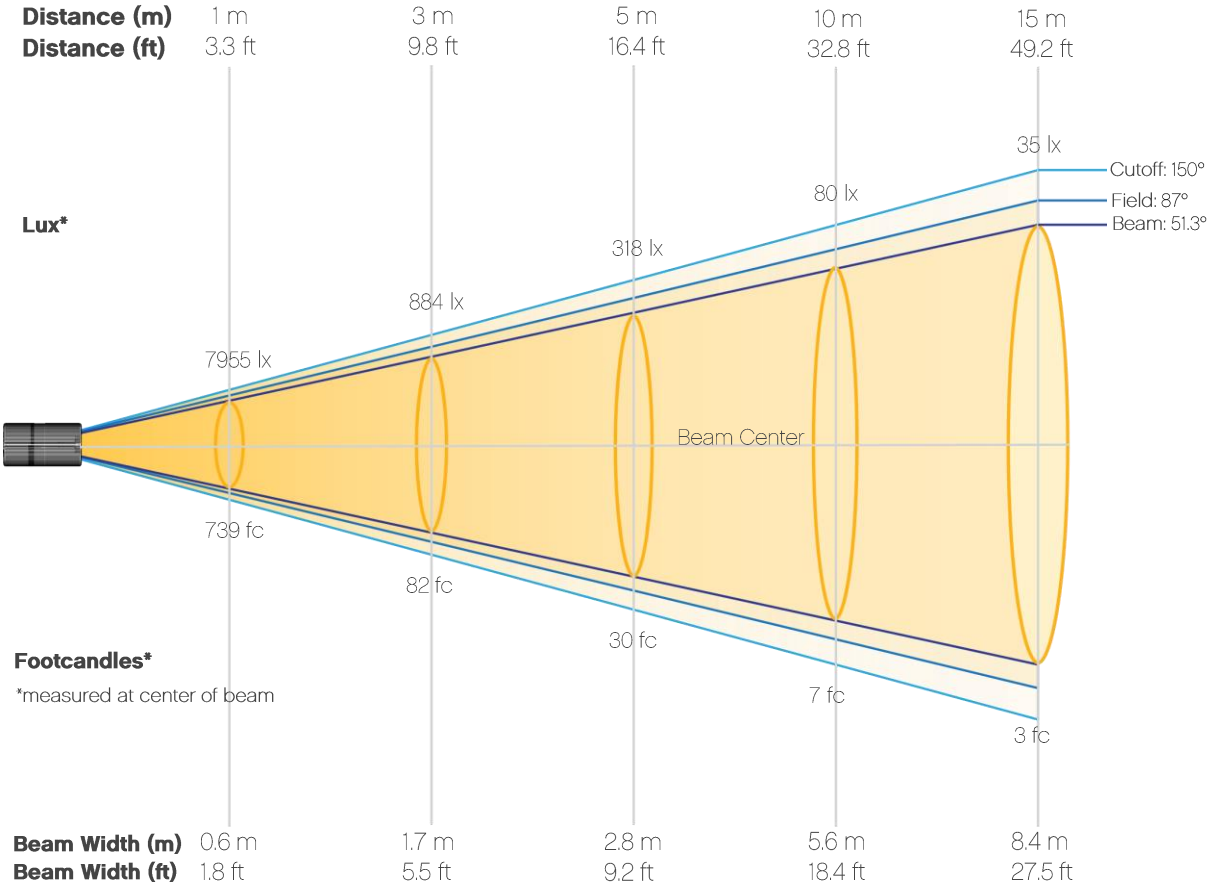


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

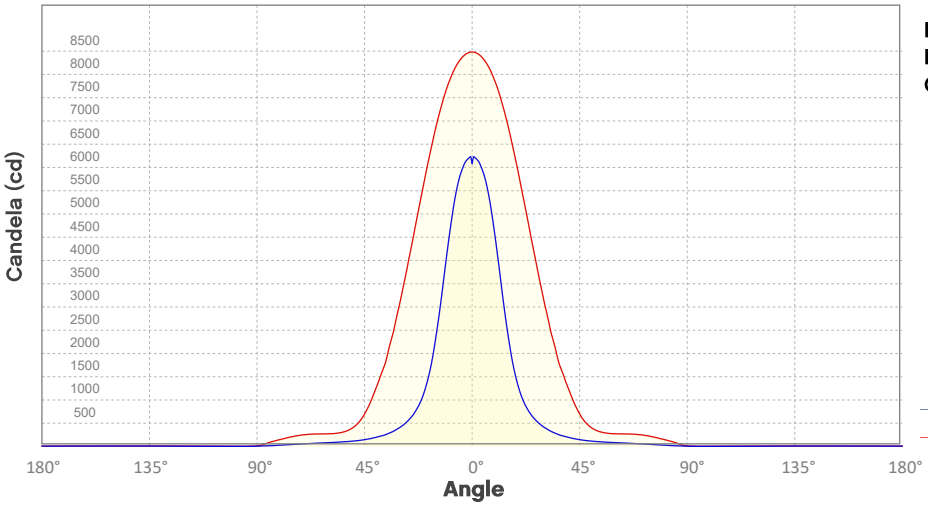
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7955	1989	884	497	318	221	162	124	98	80
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	66	55	47	41	35	31	28	25	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	739	185	82	46	30	21	15	12	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

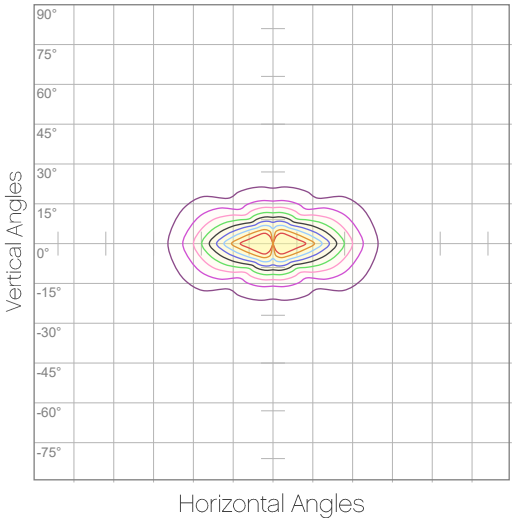
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.9°

Horizontal Distribution
Vertical Distribution

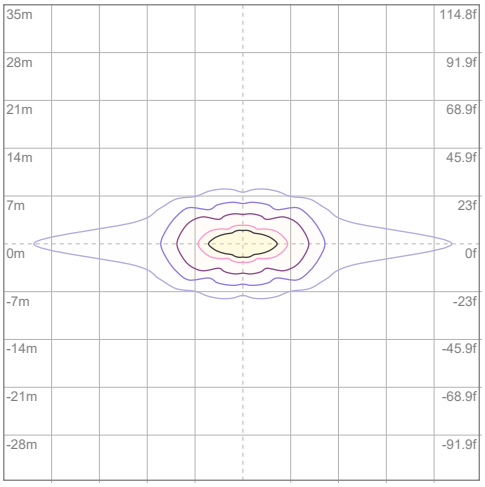
Polar Diagrams



iso-candela Diagram

10%	796 cd
20%	1591 cd
30%	2387 cd
40%	3182 cd
50%	3978 cd
60%	4773 cd
70%	5569 cd
80%	6364 cd
90%	7160 cd

Conditions:
Number of c-planes: 8
Candela at center: 7955 cd



iso-illuminance Diagram

3%	2.39 lx
5%	3.98 lx
10%	7.96 lx
30%	23.9 lx
50%	39.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 79.6 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Report Summary

Output

Total Lumens: 1876 lm
Peak Intensity: 4324 cd
Illuminance @ 5m: 160 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.9°
Vertical Field Angle (10%): 51.1°
Horizontal Cutoff Angle (3%): 150.3°
Vertical Cutoff Angle (3%): 87.8°



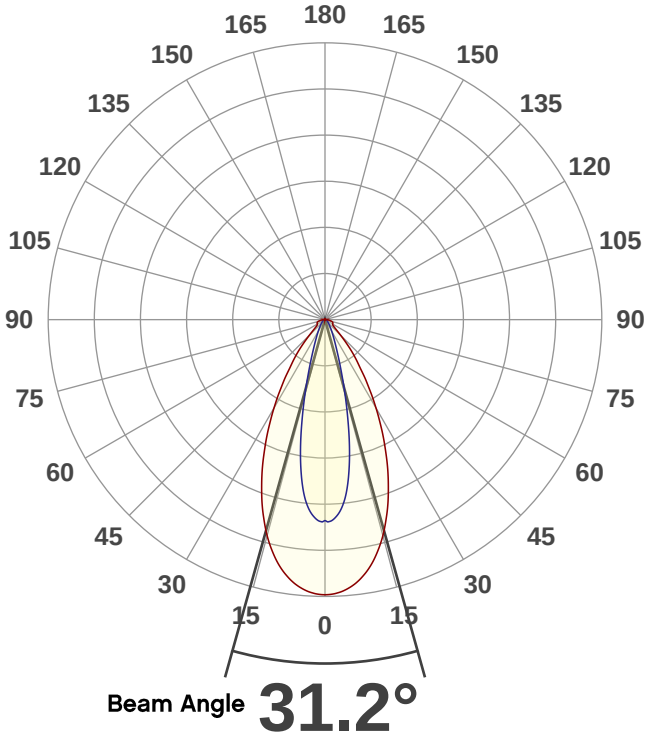
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

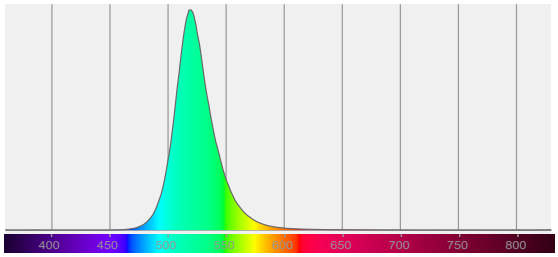
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Overall Measurement

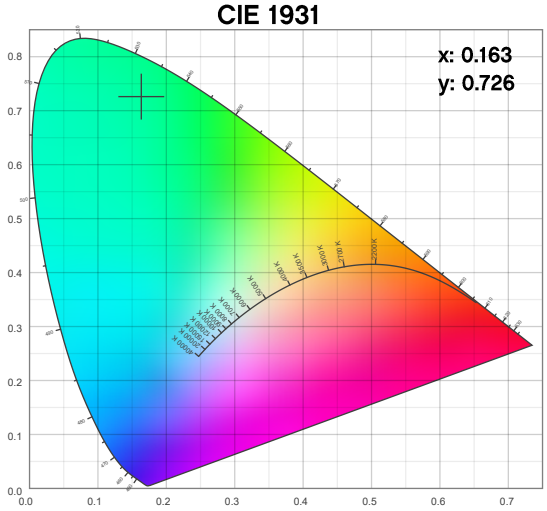
Angular Beam Distribution



Spectral Distribution



CIE 1931

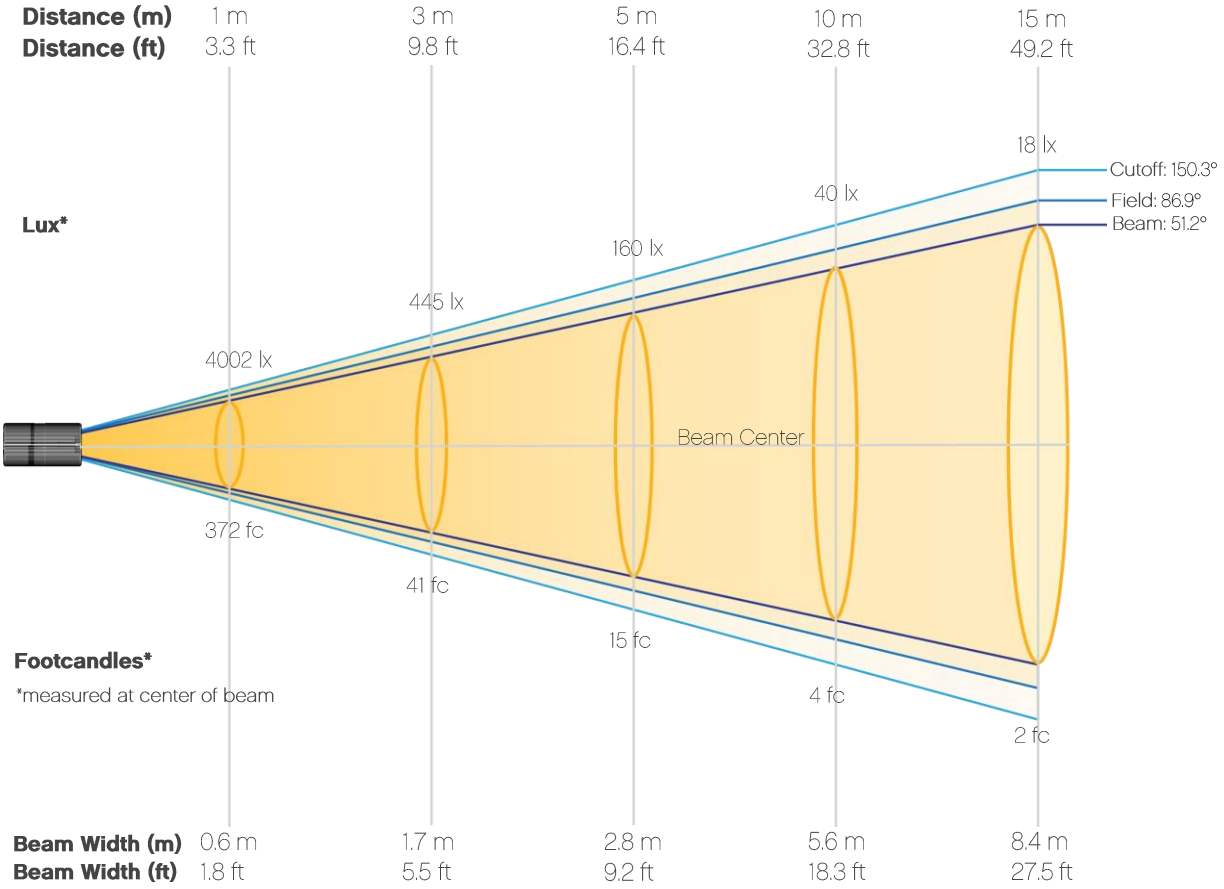


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

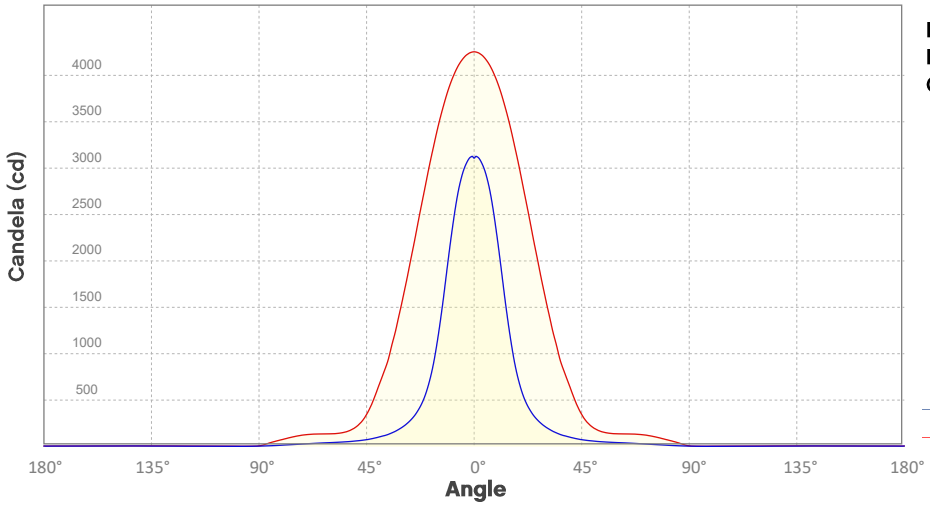
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4002	1001	445	250	160	111	82	63	49	40
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	33	28	24	20	18	16	14	12	11	10
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	372	93	41	23	15	10	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

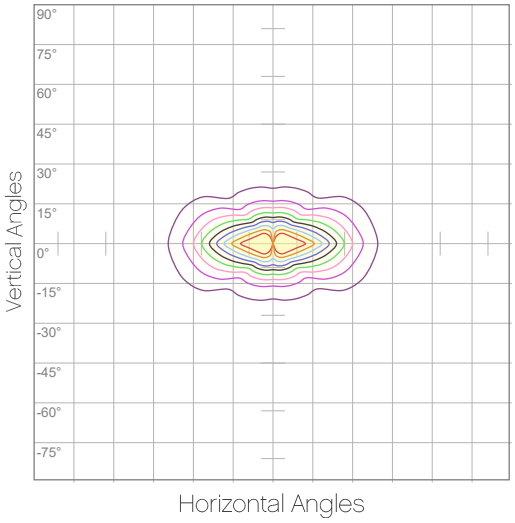
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 106.1°

Horizontal Distribution
Vertical Distribution

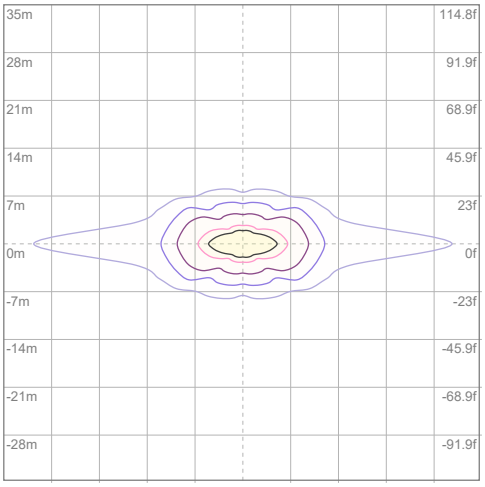
Polar Diagrams



iso-candela Diagram

10%	400 cd
20%	800 cd
30%	1201 cd
40%	1601 cd
50%	2001 cd
60%	2401 cd
70%	2802 cd
80%	3202 cd
90%	3602 cd

Conditions:
Number of c-planes: 8
Candela at center: 4002 cd



iso-illuminance Diagram

3%	1.20 lx
5%	2.00 lx
10%	4.00 lx
30%	12.0 lx
50%	20.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 40.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Report Summary

Output

Total Lumens: 1178 lm
Peak Intensity: 2703 cd
Illuminance @ 5m: 100 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 87.1°
Vertical Field Angle (10%): 51.1°
Horizontal Cutoff Angle (3%): 150°
Vertical Cutoff Angle (3%): 88.1°



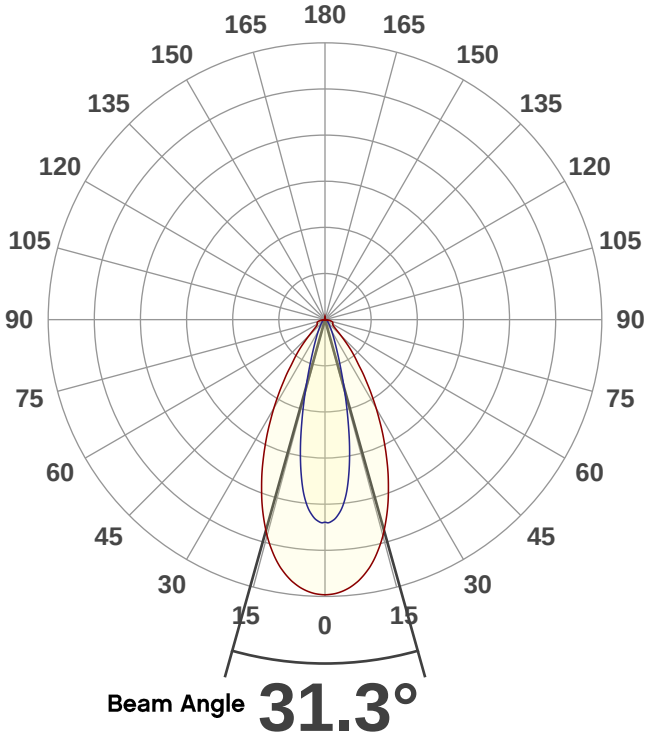
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

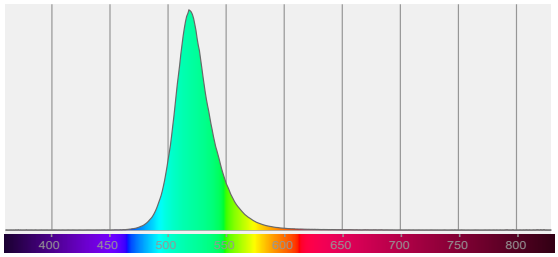
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Overall Measurement

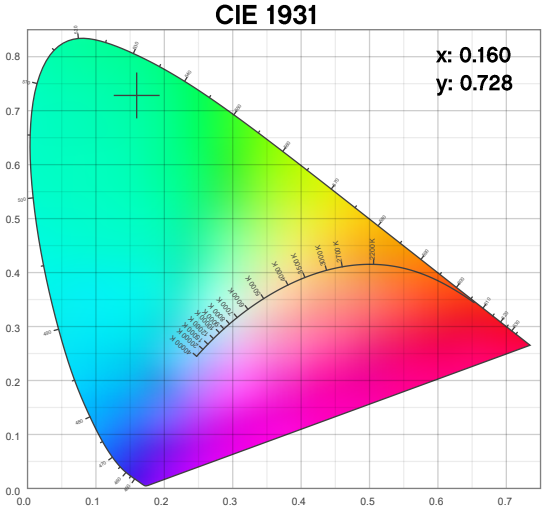
Angular Beam Distribution



Spectral Distribution



CIE 1931

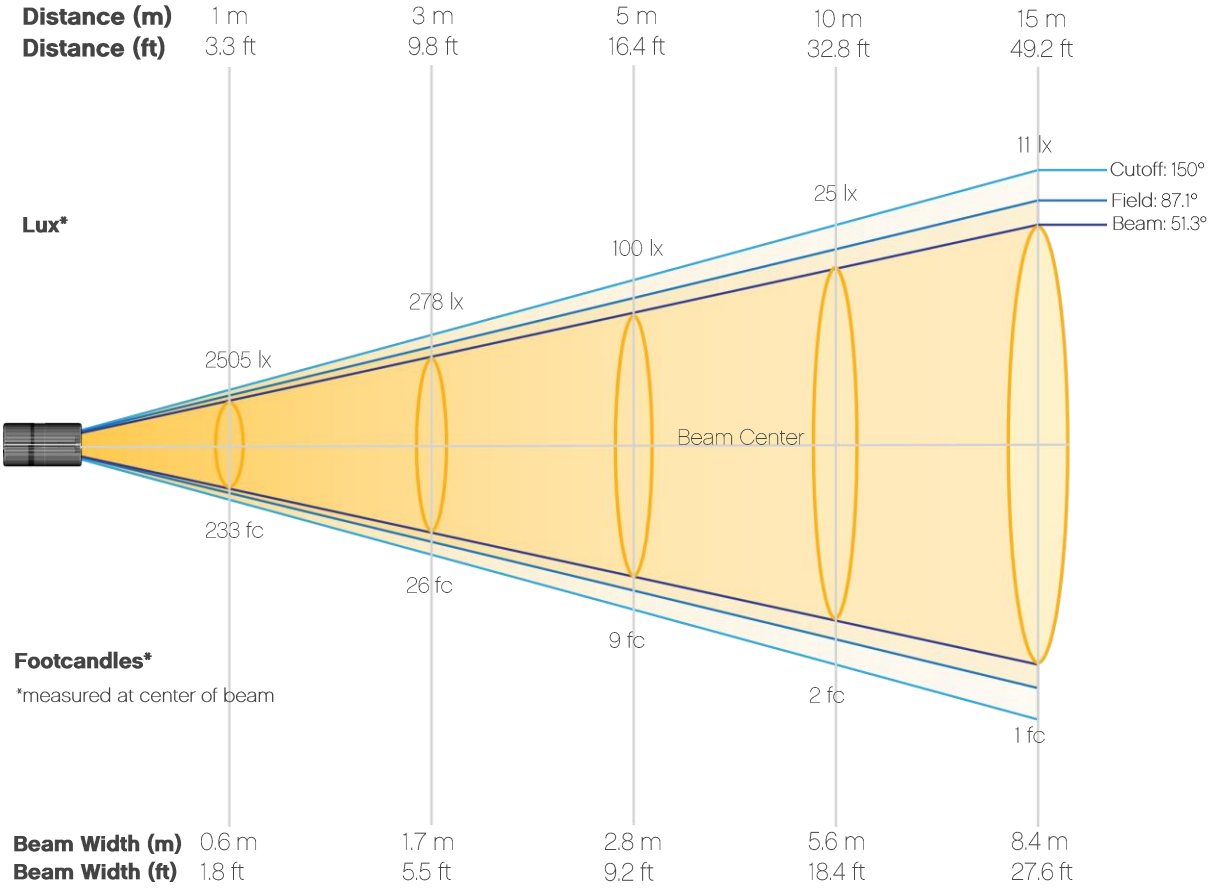


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

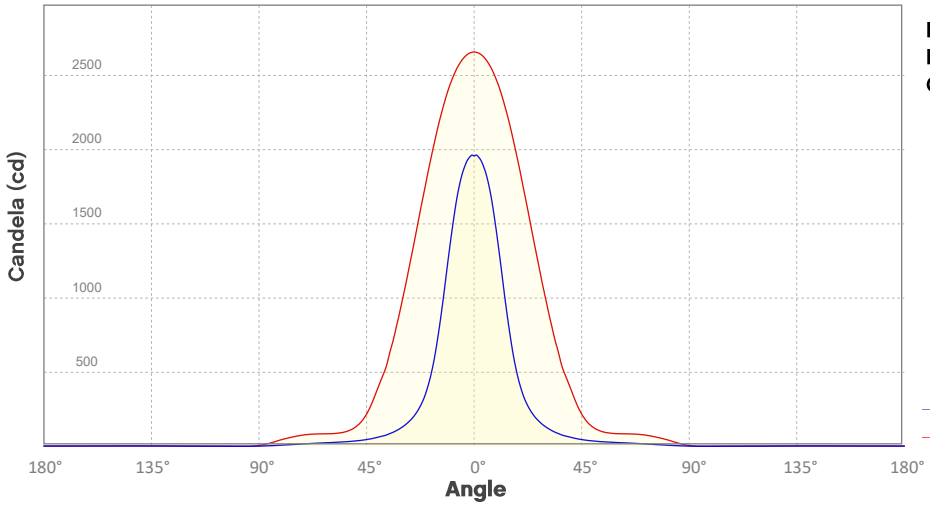
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2505	626	278	157	100	70	51	39	31	25
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	21	17	15	13	11	10	9	8	7	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	233	58	26	15	9	6	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

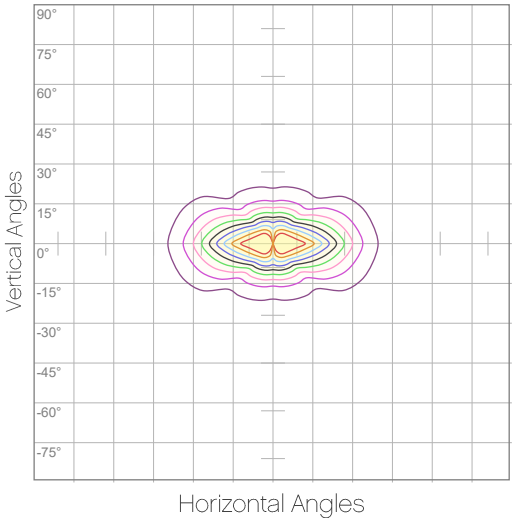
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 106.2°

Horizontal Distribution
Vertical Distribution

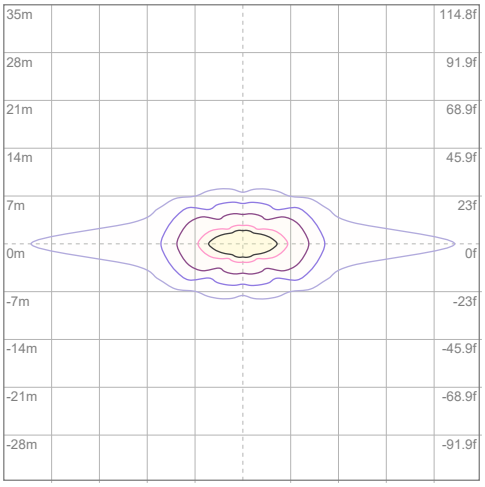
Polar Diagrams



iso-candela Diagram

10%	251 cd
20%	501 cd
30%	752 cd
40%	1002 cd
50%	1253 cd
60%	1503 cd
70%	1754 cd
80%	2004 cd
90%	2255 cd

Conditions:
Number of c-planes: 8
Candela at center: 2505 cd



iso-illuminance Diagram

3%	0.752 lx
5%	1.25 lx
10%	2.51 lx
30%	7.52 lx
50%	12.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 25.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Report Summary

Output

Total Lumens: 760 lm
Peak Intensity: 1755 cd
Illuminance @ 5m: 65 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 87.1°
Vertical Field Angle (10%): 50.6°
Horizontal Cutoff Angle (3%): 149.5°
Vertical Cutoff Angle (3%): 87.2°



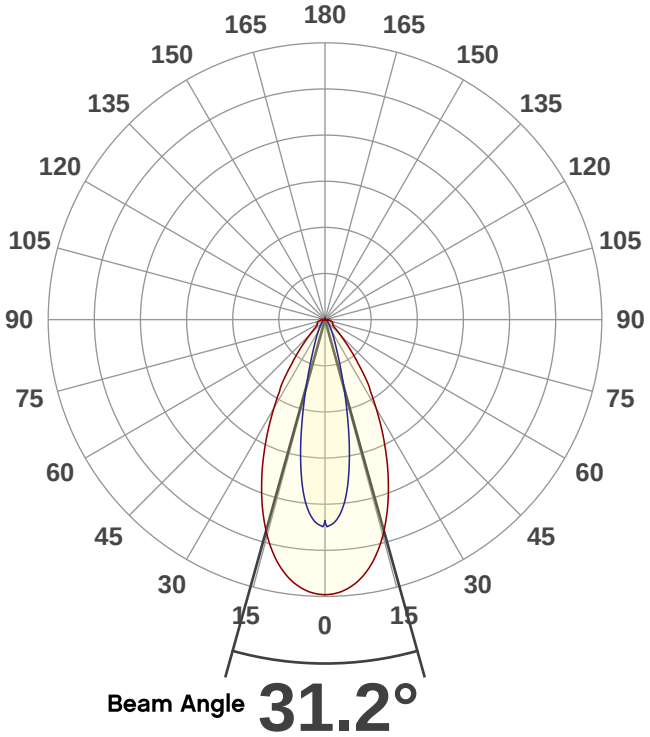
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

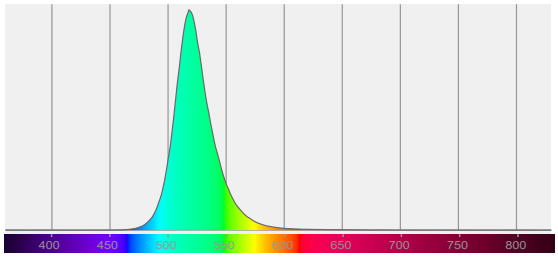
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Overall Measurement

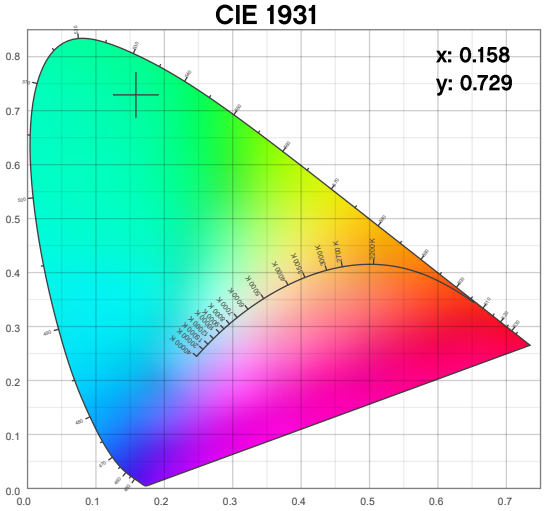
Angular Beam Distribution



Spectral Distribution



CIE 1931

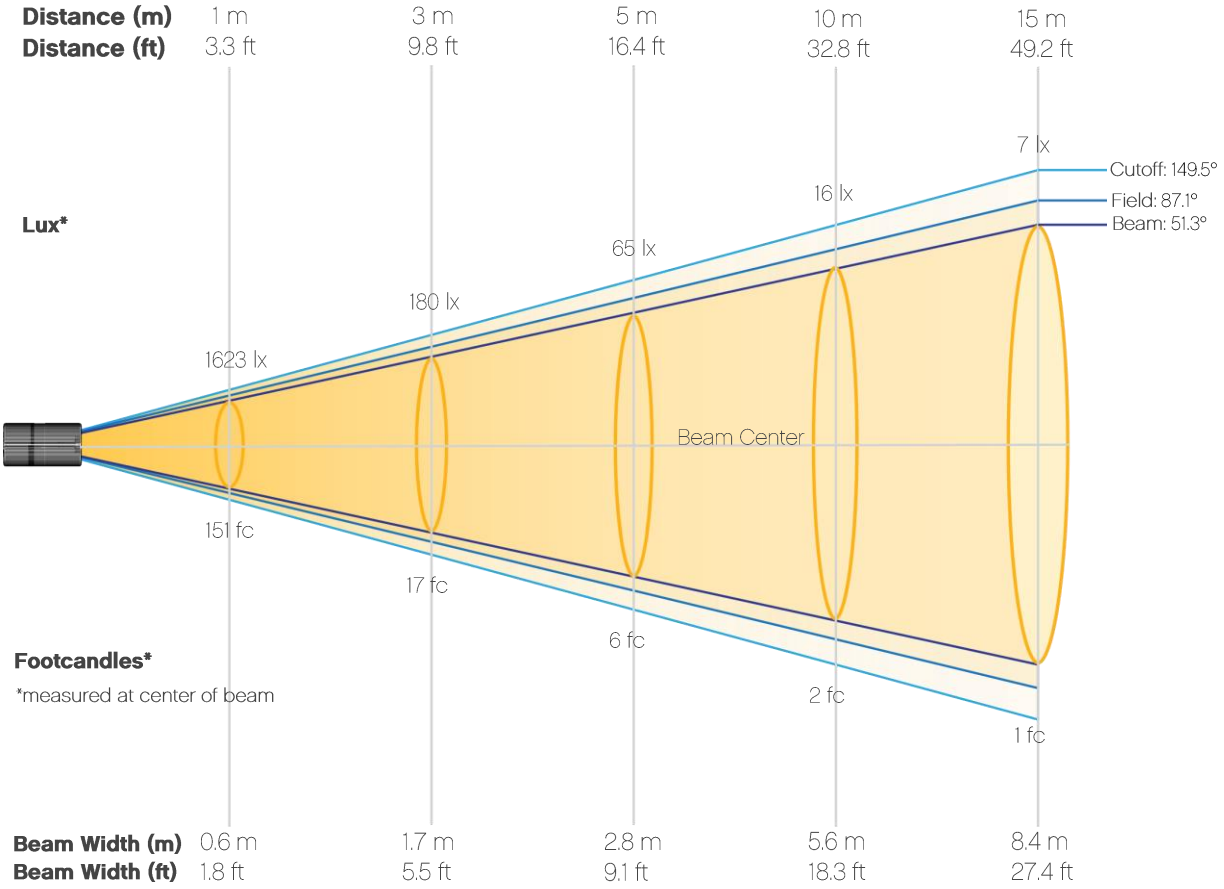


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

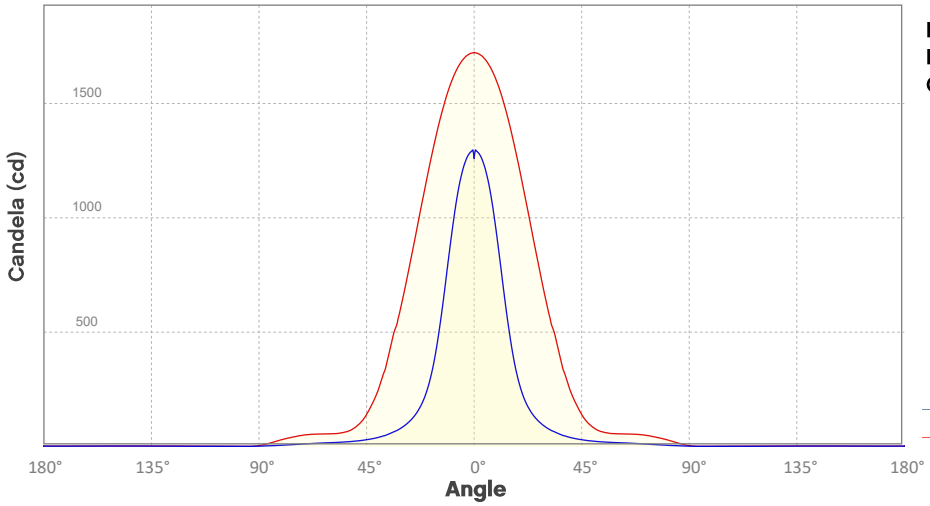
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1623	406	180	101	65	45	33	25	20	16
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	13	11	10	8	7	6	6	5	4	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	151	38	17	9	6	4	3	2	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Green Only

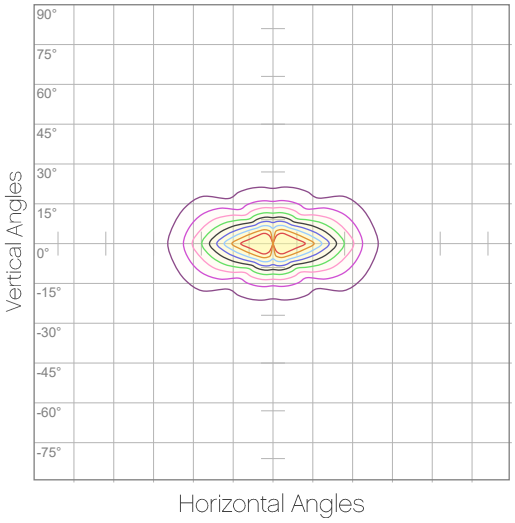
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 60.4°
Cutoff Angle (3%): 105.5°

Horizontal Distribution
Vertical Distribution

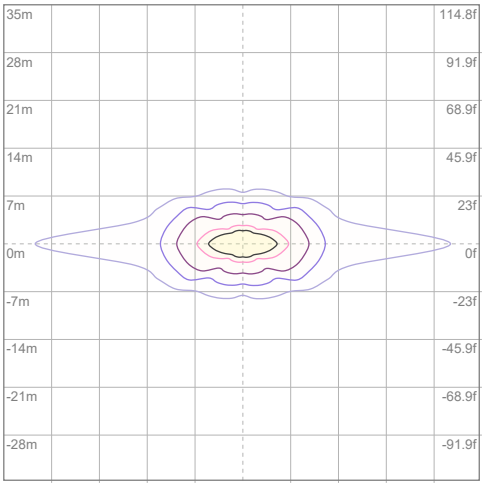
Polar Diagrams



iso-candela Diagram

10%	162 cd
20%	325 cd
30%	487 cd
40%	649 cd
50%	812 cd
60%	974 cd
70%	1136 cd
80%	1299 cd
90%	1461 cd

Conditions:
Number of c-planes: 8
Candela at center: 1623 cd



iso-illuminance Diagram

3%	0.487 lx
5%	0.812 lx
10%	1.62 lx
30%	4.87 lx
50%	8.12 lx

Conditions:
Number of c-planes: 8
Lux at center: 16.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Report Summary

Output

Total Lumens: 715 lm
Peak Intensity: 1587 cd
Illuminance @ 5m: 59 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 50.9°
Vertical Beam Angle (50%): 27.5°
Horizontal Field Angle (10%): 87.1°
Vertical Field Angle (10%): 53.6°
Horizontal Cutoff Angle (3%): 149.3°
Vertical Cutoff Angle (3%): 92.8°



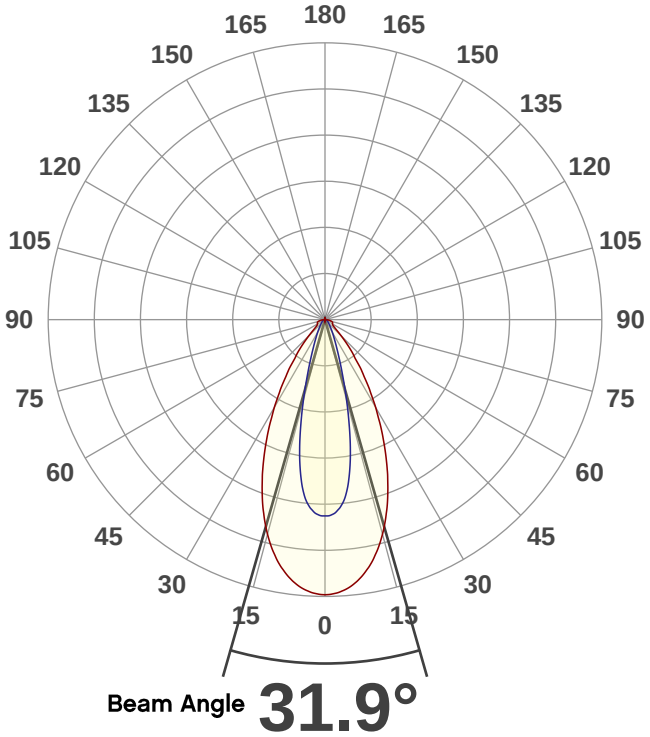
Conditions

AC Supply: 118 V, 60 Hz
Power: 280.3 W
Current: 2.37 A
Power Factor: 1.0

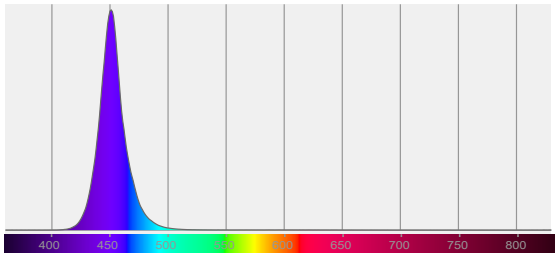
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Overall Measurement

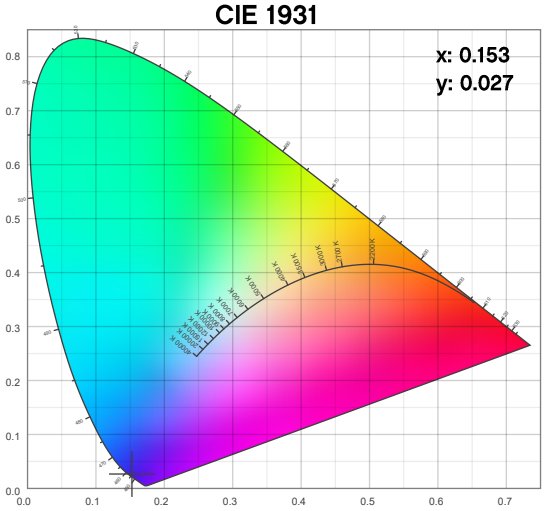
Angular Beam Distribution



Spectral Distribution



CIE 1931

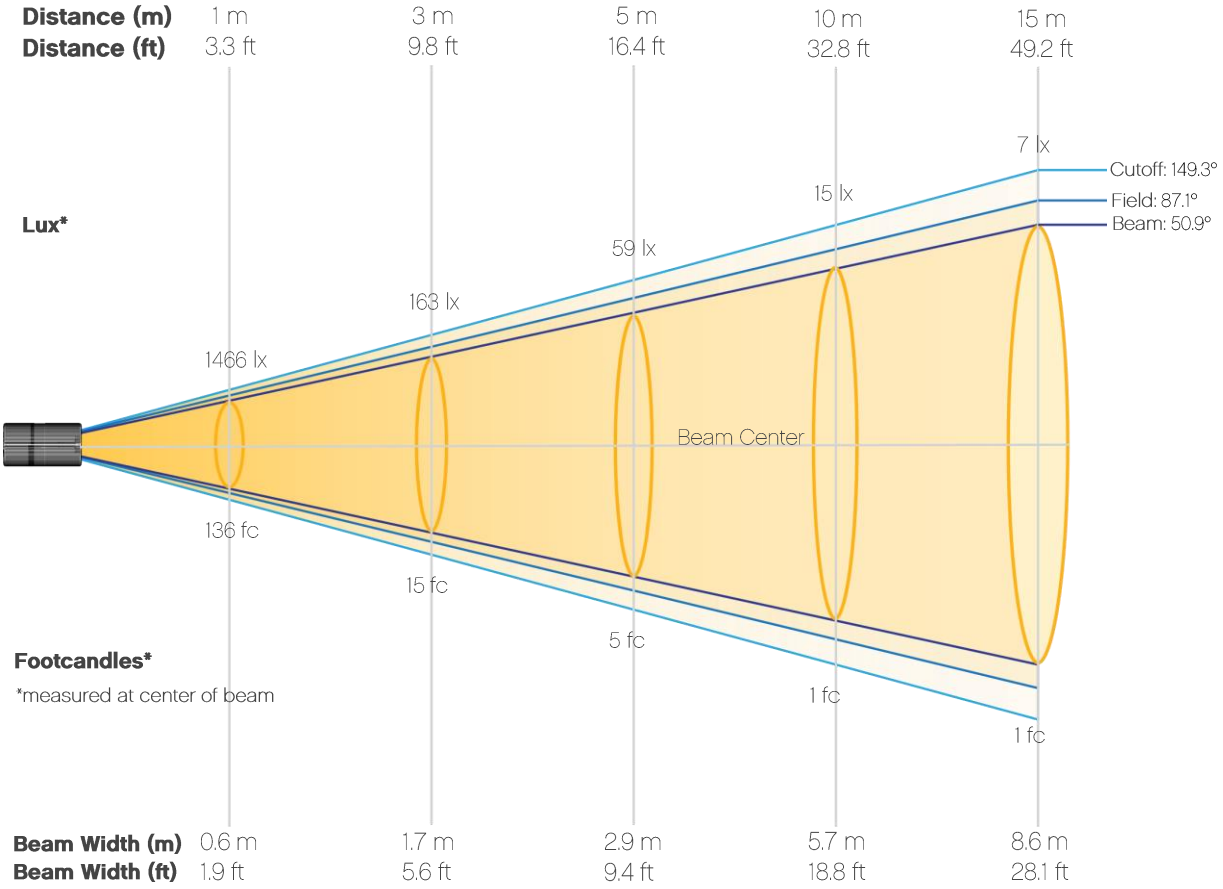


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

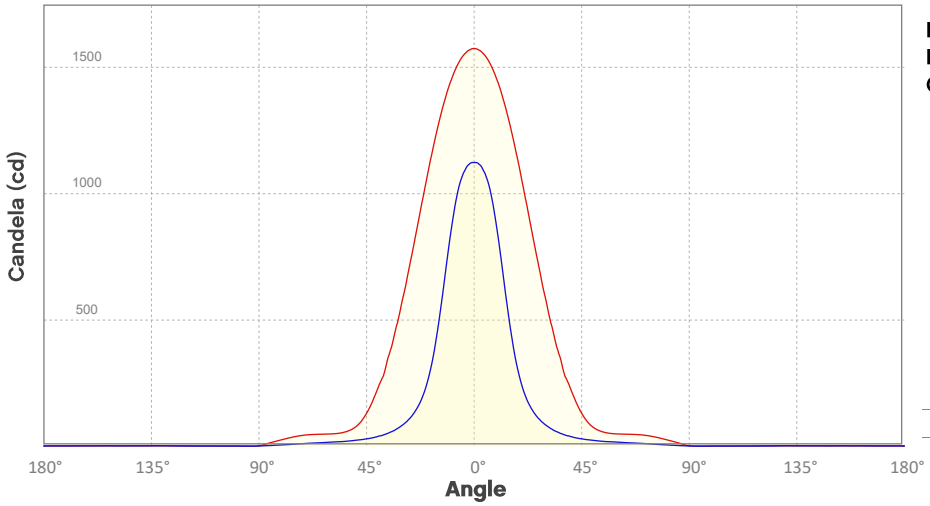
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1466	367	163	92	59	41	30	23	18	15
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	12	10	9	7	7	6	5	5	4	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	136	34	15	9	5	4	3	2	2	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

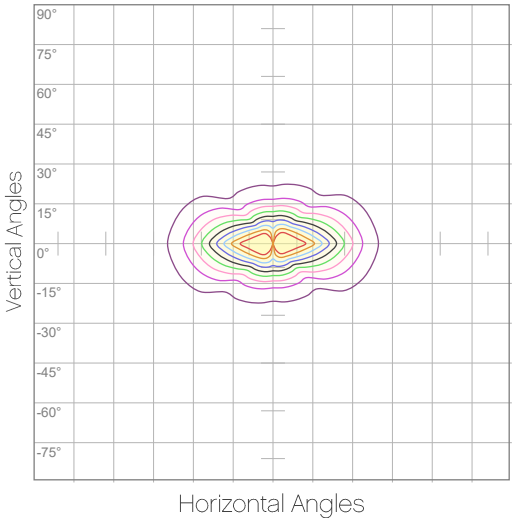
Candela Plot



Beam Angle (50%): 31.9°
Field Angle (10%): 62.1°
Cutoff Angle (3%): 108.6°

Horizontal Distribution
Vertical Distribution

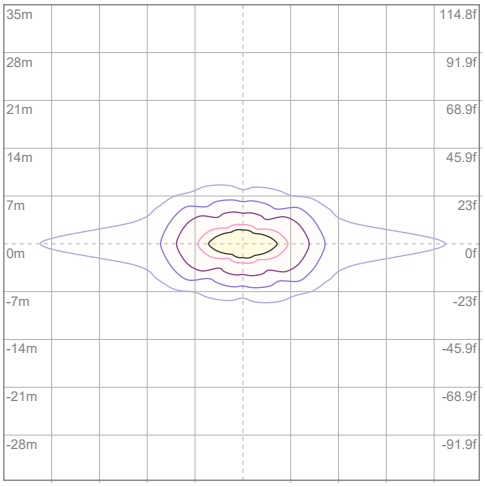
Polar Diagrams



iso-candela Diagram

10%	147 cd
20%	293 cd
30%	440 cd
40%	586 cd
50%	733 cd
60%	880 cd
70%	1026 cd
80%	1173 cd
90%	1320 cd

Conditions:
Number of c-planes: 8
Candela at center: 1466 cd



iso-illuminance Diagram

3%	0.440 lx
5%	0.733 lx
10%	1.47 lx
30%	4.40 lx
50%	7.33 lx

Conditions:
Number of c-planes: 8
Lux at center: 14.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Report Summary

Output

Total Lumens: 720 lm
Peak Intensity: 1589 cd
Illuminance @ 5m: 59 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.4°
Vertical Beam Angle (50%): 26.3°
Horizontal Field Angle (10%): 87.7°
Vertical Field Angle (10%): 52.5°
Horizontal Cutoff Angle (3%): 150.3°
Vertical Cutoff Angle (3%): 90.6°



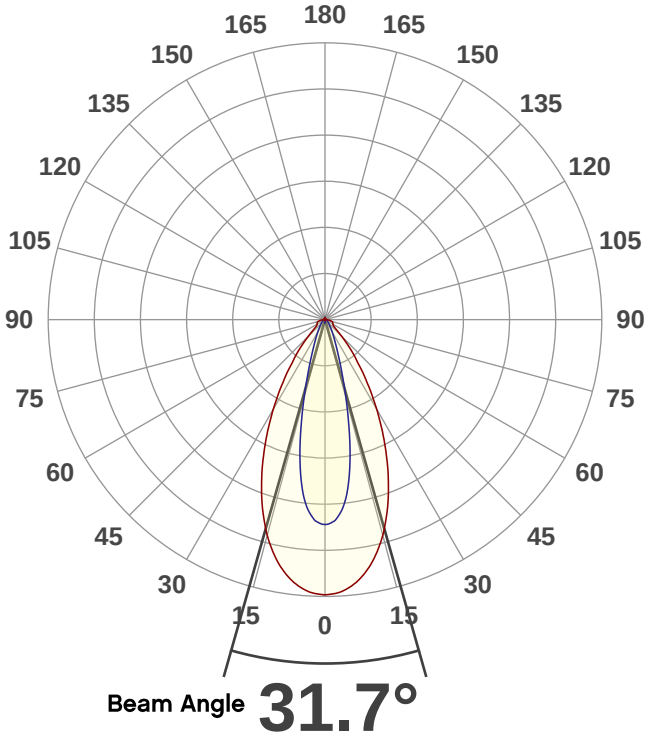
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

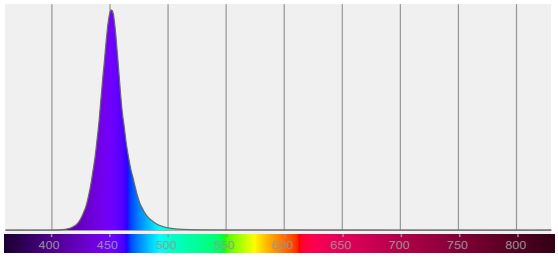
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Overall Measurement

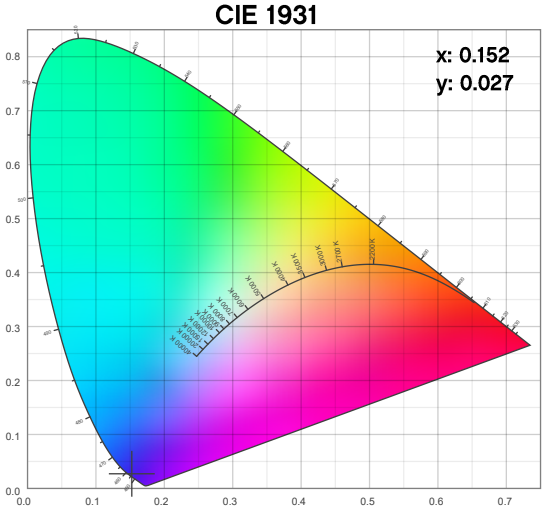
Angular Beam Distribution



Spectral Distribution



CIE 1931

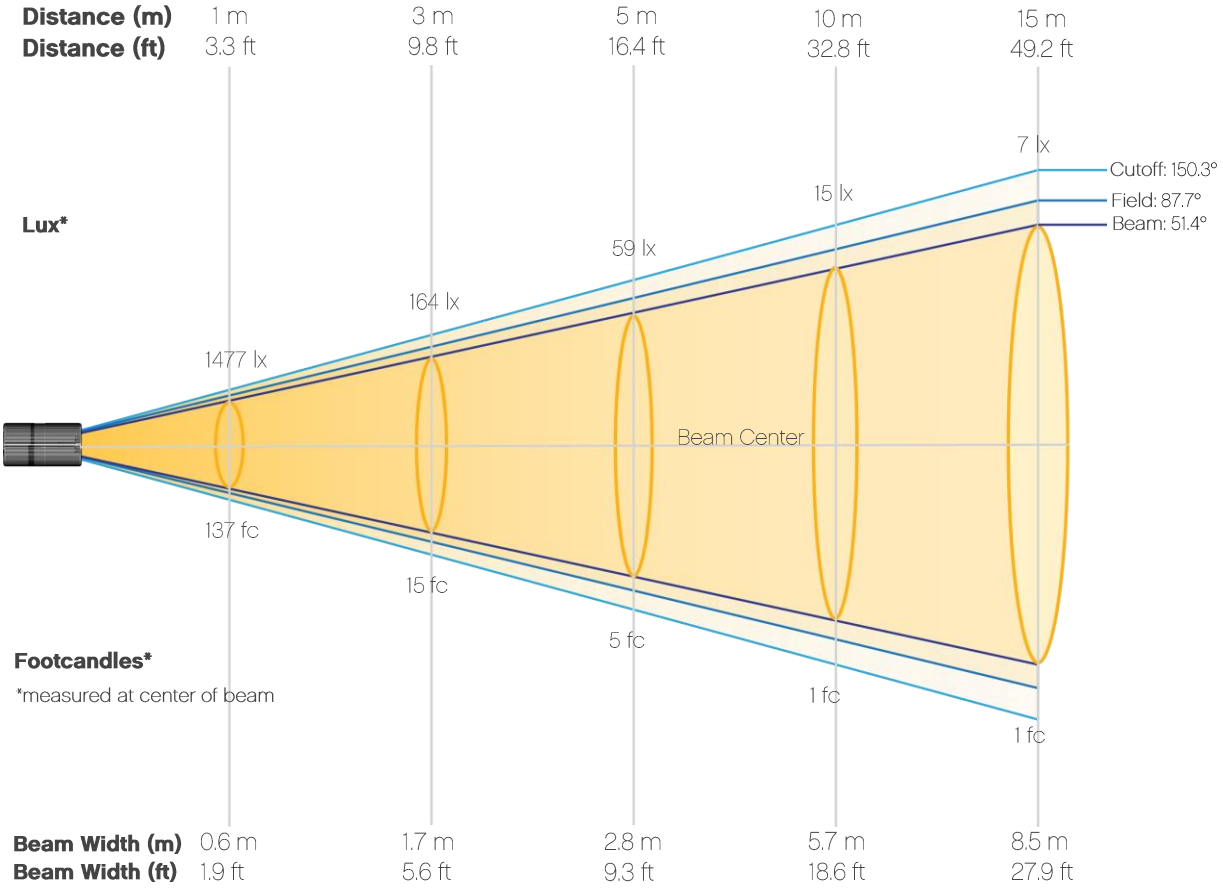


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

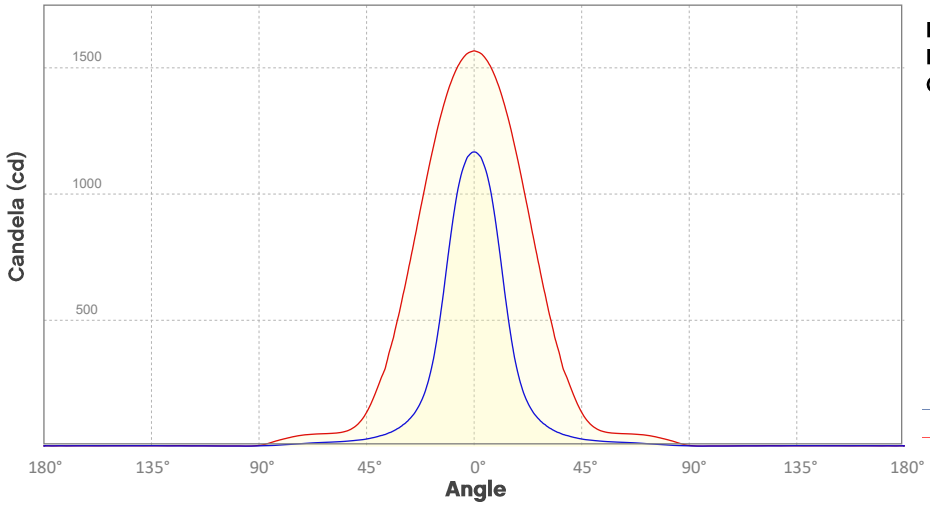
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1477	369	164	92	59	41	30	23	18	15
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	12	10	9	8	7	6	5	5	4	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	137	34	15	9	5	4	3	2	2	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

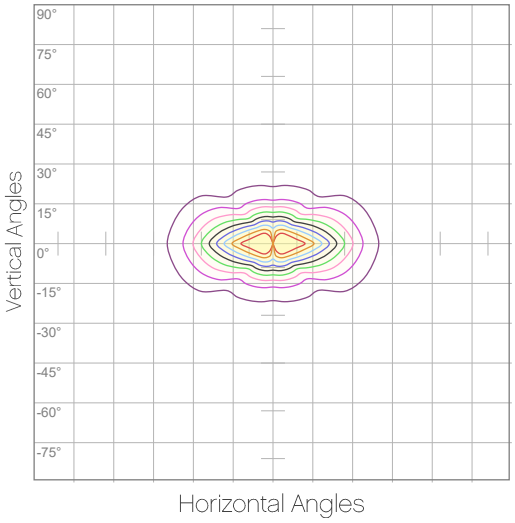
Candela Plot



Beam Angle (50%): 31.7°
Field Angle (10%): 61.9°
Cutoff Angle (3%): 108.5°

Horizontal Distribution
Vertical Distribution

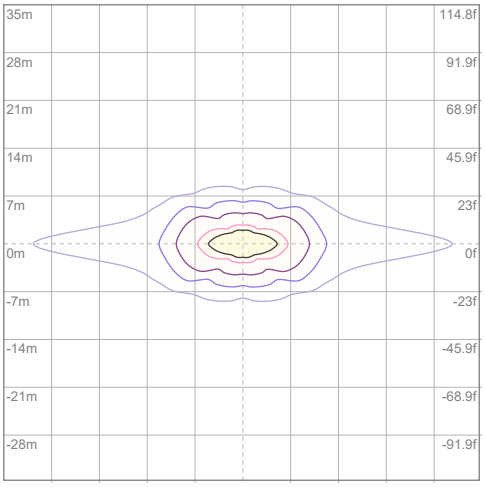
Polar Diagrams



iso-candela Diagram

10%	148 cd
20%	295 cd
30%	443 cd
40%	591 cd
50%	739 cd
60%	886 cd
70%	1034 cd
80%	1182 cd
90%	1329 cd

Conditions:
Number of c-planes: 8
Candela at center: 1477 cd



iso-illuminance Diagram

3%	0.443 lx
5%	0.739 lx
10%	1.48 lx
30%	4.43 lx
50%	7.39 lx

Conditions:
Number of c-planes: 8
Lux at center: 14.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Report Summary

Output

Total Lumens: 368 lm
Peak Intensity: 791 cd
Illuminance @ 5m: 29 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.4°
Vertical Beam Angle (50%): 26.3°
Horizontal Field Angle (10%): 87.8°
Vertical Field Angle (10%): 52.8°
Horizontal Cutoff Angle (3%): 152.2°
Vertical Cutoff Angle (3%): 93.3°



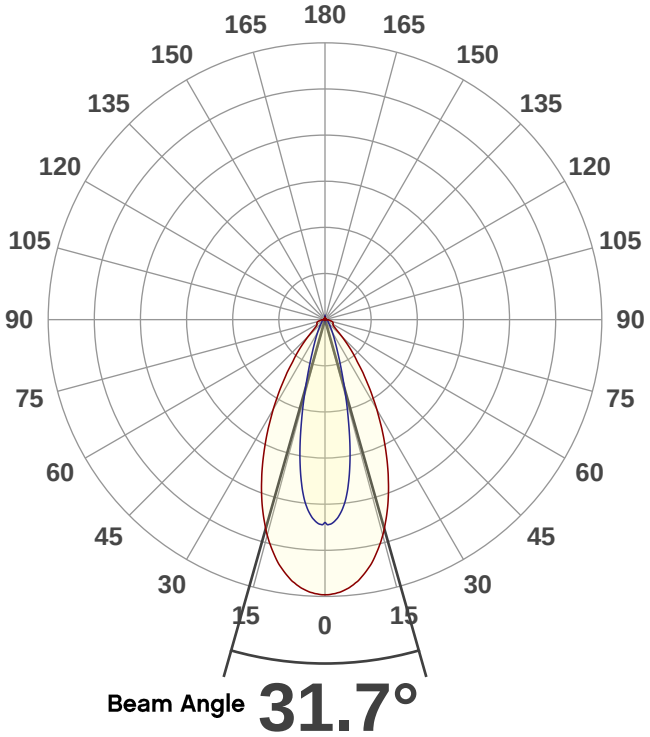
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

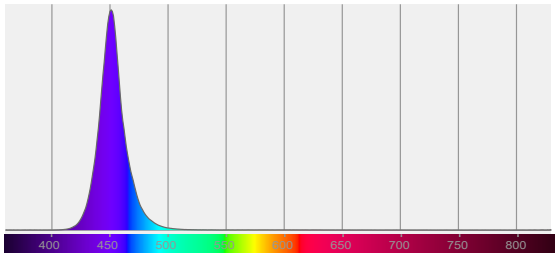
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Overall Measurement

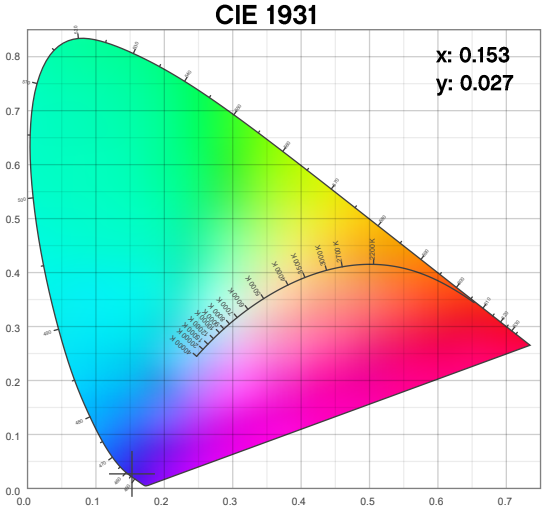
Angular Beam Distribution



Spectral Distribution



CIE 1931

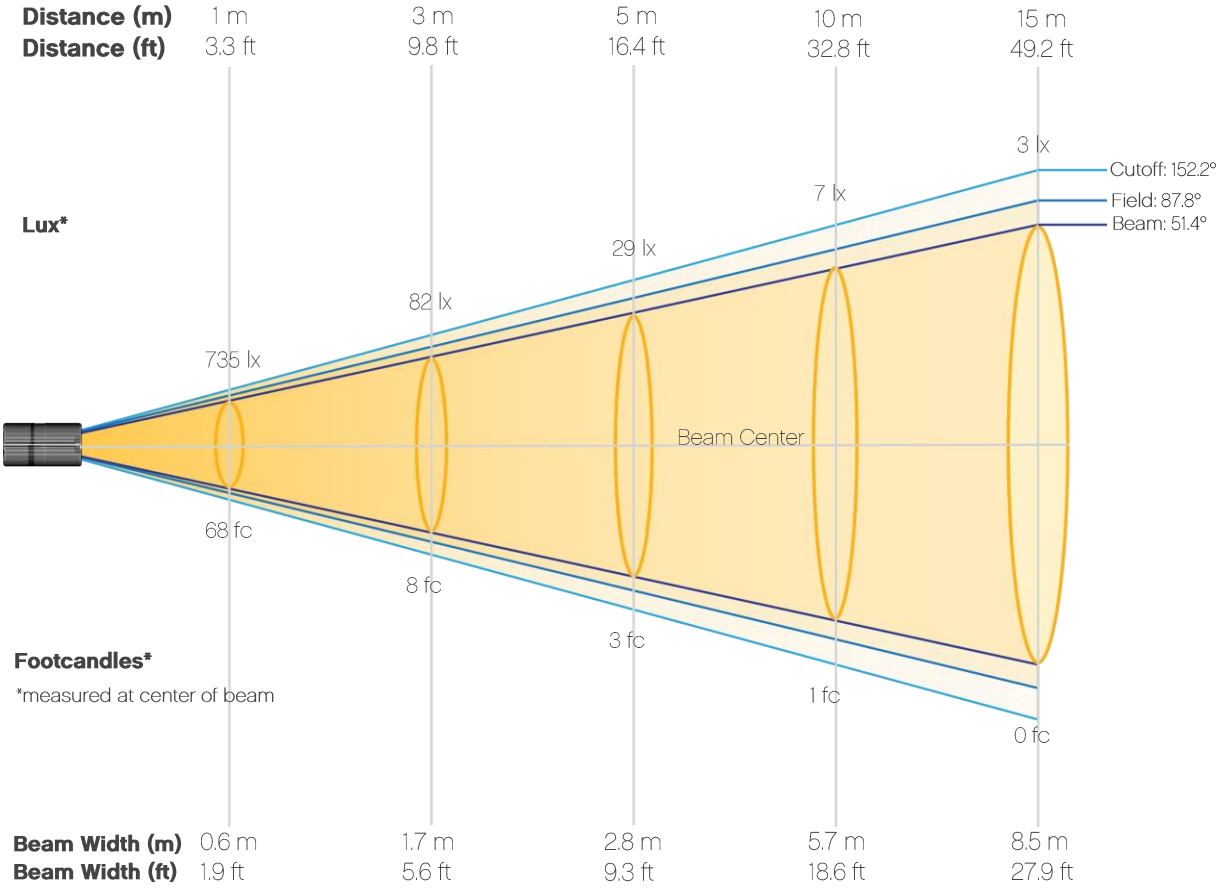


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

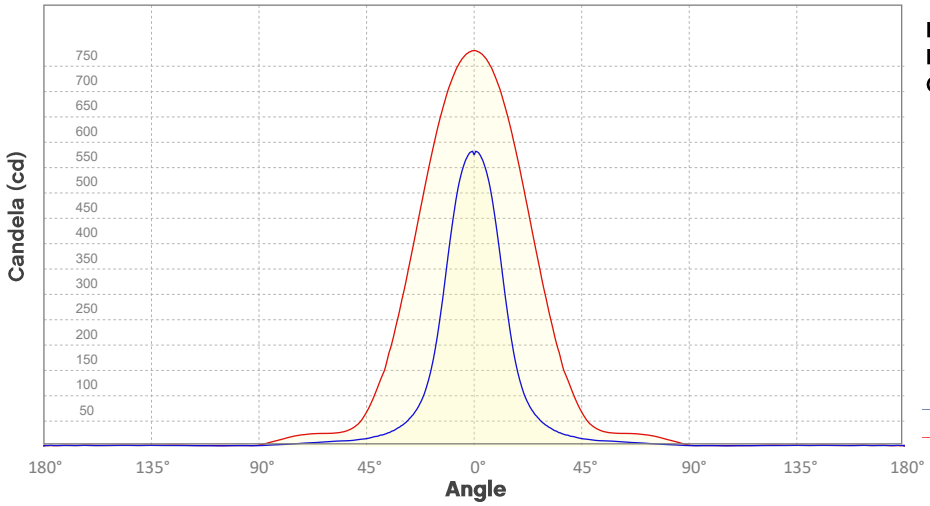
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	735	184	82	46	29	20	15	11	9	7
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	6	5	4	4	3	3	3	2	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	68	17	8	4	3	2	1	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

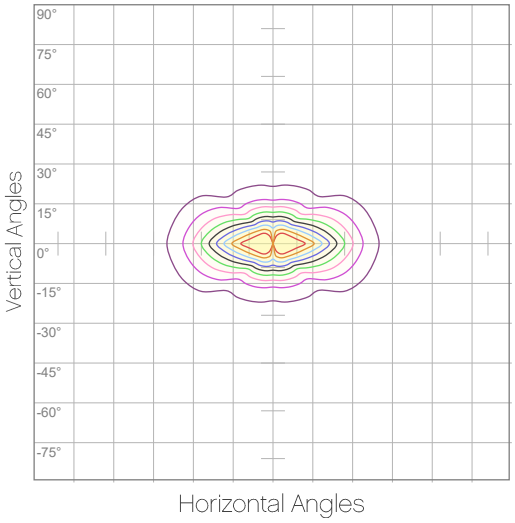
Candela Plot



Beam Angle (50%): 31.7°
Field Angle (10%): 62.1°
Cutoff Angle (3%): 110.5°

Horizontal Distribution
Vertical Distribution

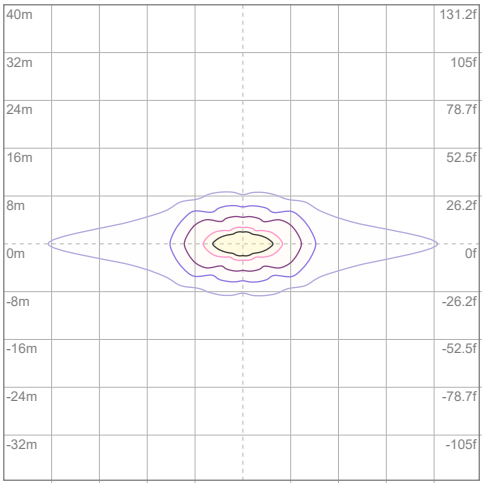
Polar Diagrams



iso-candela Diagram

10%	73 cd
20%	147 cd
30%	220 cd
40%	294 cd
50%	367 cd
60%	441 cd
70%	514 cd
80%	588 cd
90%	661 cd

Conditions:
Number of c-planes: 8
Candela at center: 735 cd



iso-illuminance Diagram

3%	0.220 lx
5%	0.367 lx
10%	0.735 lx
30%	2.20 lx
50%	3.67 lx

Conditions:
Number of c-planes: 8
Lux at center: 7.35 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Report Summary

Output

Total Lumens: 230 lm
Peak Intensity: 492 cd
Illuminance @ 5m: 18 lux
Fixture Efficacy: ffi lm/W



Optical

Horizontal Beam Angle (50%): 51.7°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 87.5°
Vertical Field Angle (10%): 52.5°
Horizontal Cutoff Angle (3%): 152.4°
Vertical Cutoff Angle (3%): 92.9°

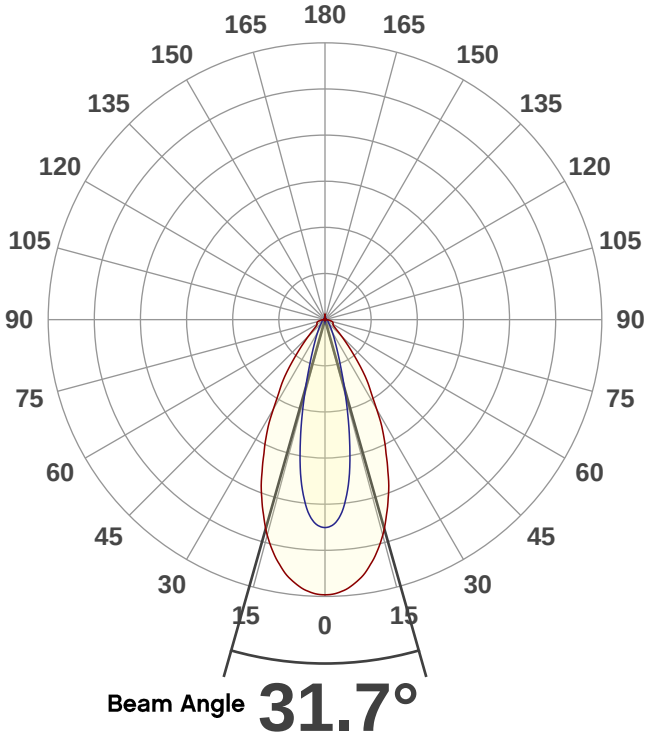
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

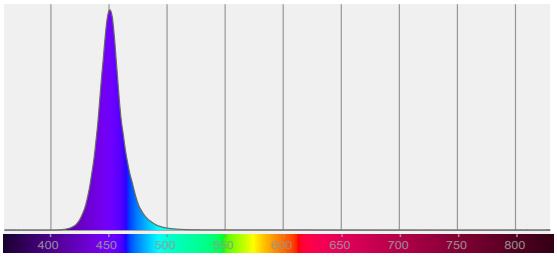
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Overall Measurement

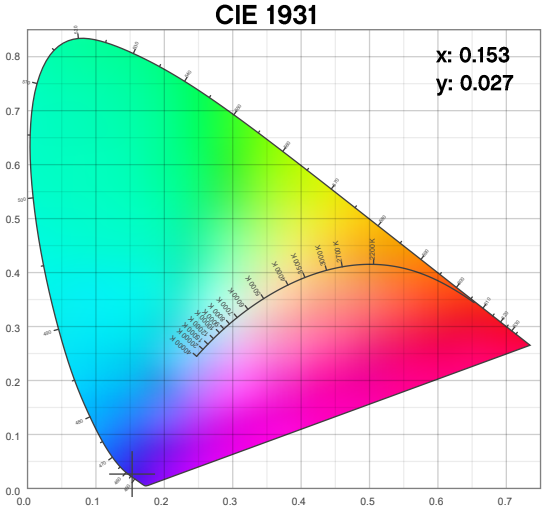
Angular Beam Distribution



Spectral Distribution



CIE 1931

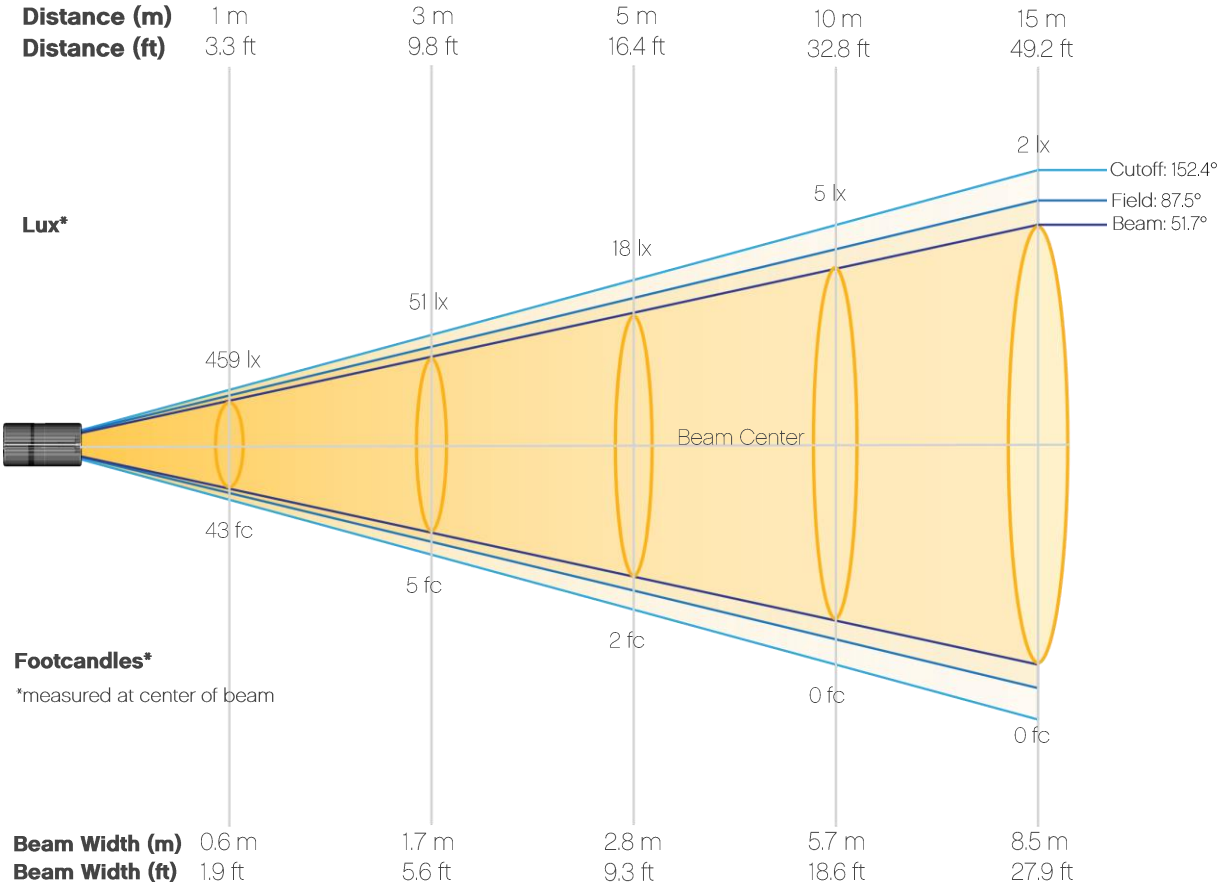


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

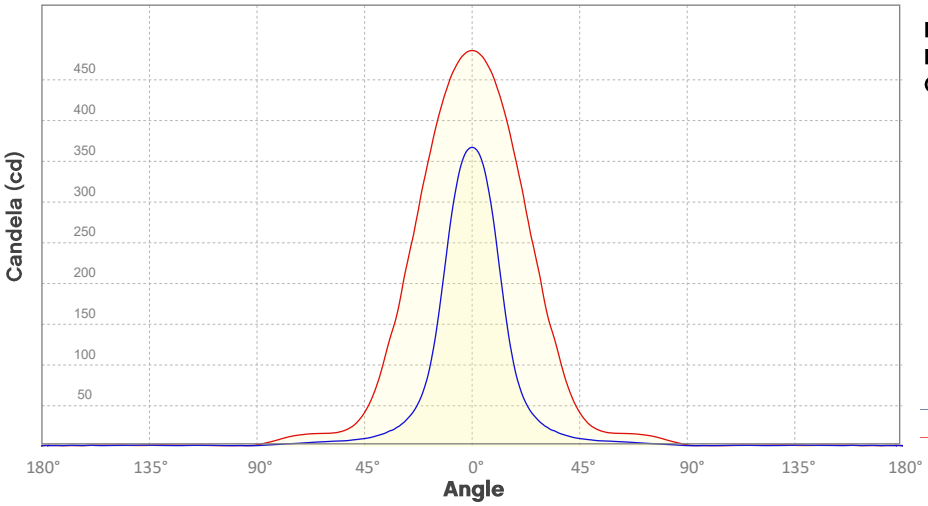
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	459	115	51	29	18	13	9	7	6	5
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	4	3	3	2	2	2	2	1	1	1
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	43	11	5	3	2	1	1	1	1	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

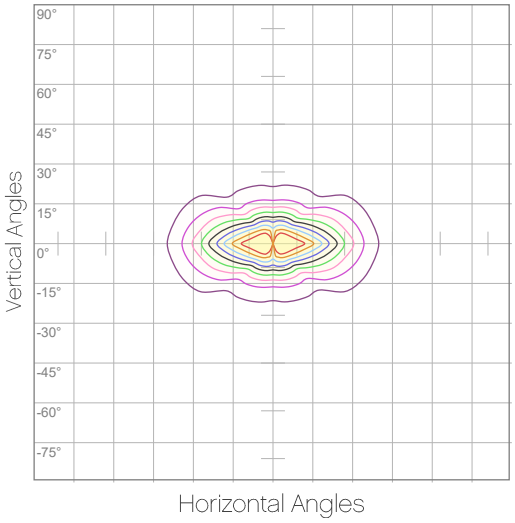
Candela Plot



Beam Angle (50%): 31.7°
Field Angle (10%): 61.9°
Cutoff Angle (3%): 110.4°

Horizontal Distribution
Vertical Distribution

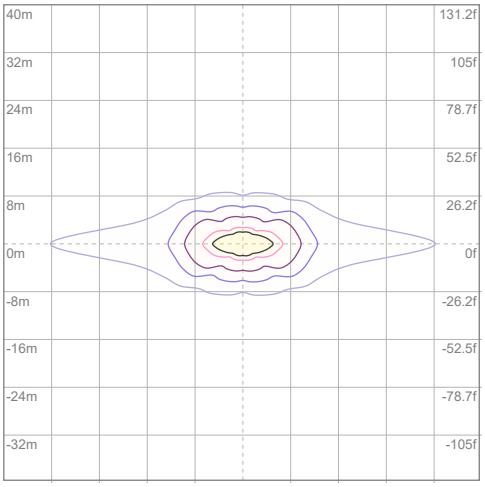
Polar Diagrams



iso-candela Diagram

10%	46 cd
20%	92 cd
30%	138 cd
40%	184 cd
50%	230 cd
60%	276 cd
70%	322 cd
80%	367 cd
90%	413 cd

Conditions:
Number of c-planes: 8
Candela at center: 459 cd



iso-illuminance Diagram

3%	0.138 lx
5%	0.230 lx
10%	0.459 lx
30%	1.38 lx
50%	2.30 lx

Conditions:
Number of c-planes: 8
Lux at center: 4.59 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Report Summary

Output

Total Lumens: 145 lm
Peak Intensity: 317 cd
Illuminance @ 5m: 12 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.8°
Vertical Beam Angle (50%): 25.8°
Horizontal Field Angle (10%): 87.4°
Vertical Field Angle (10%): 51.8°
Horizontal Cutoff Angle (3%): 150.9°
Vertical Cutoff Angle (3%): 90.4°



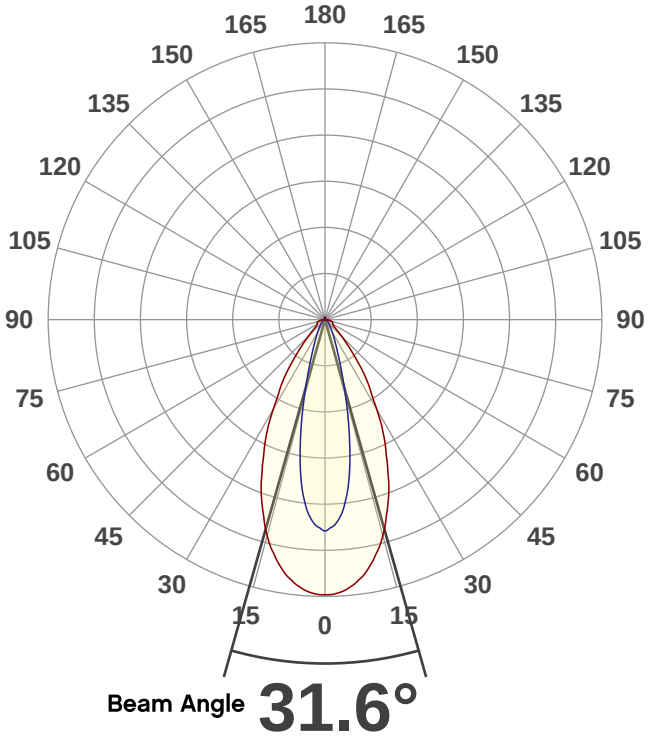
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

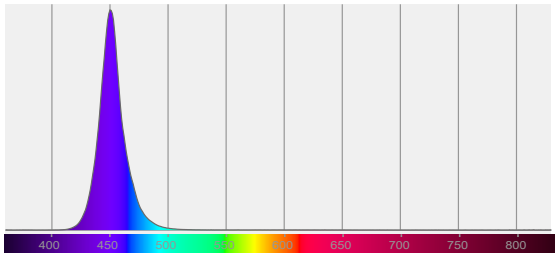
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Overall Measurement

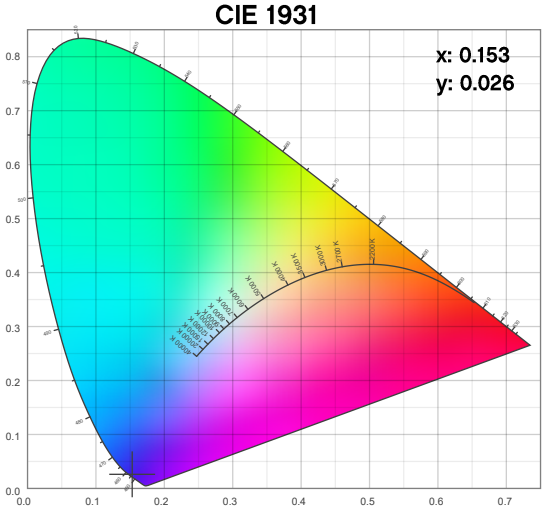
Angular Beam Distribution



Spectral Distribution



CIE 1931

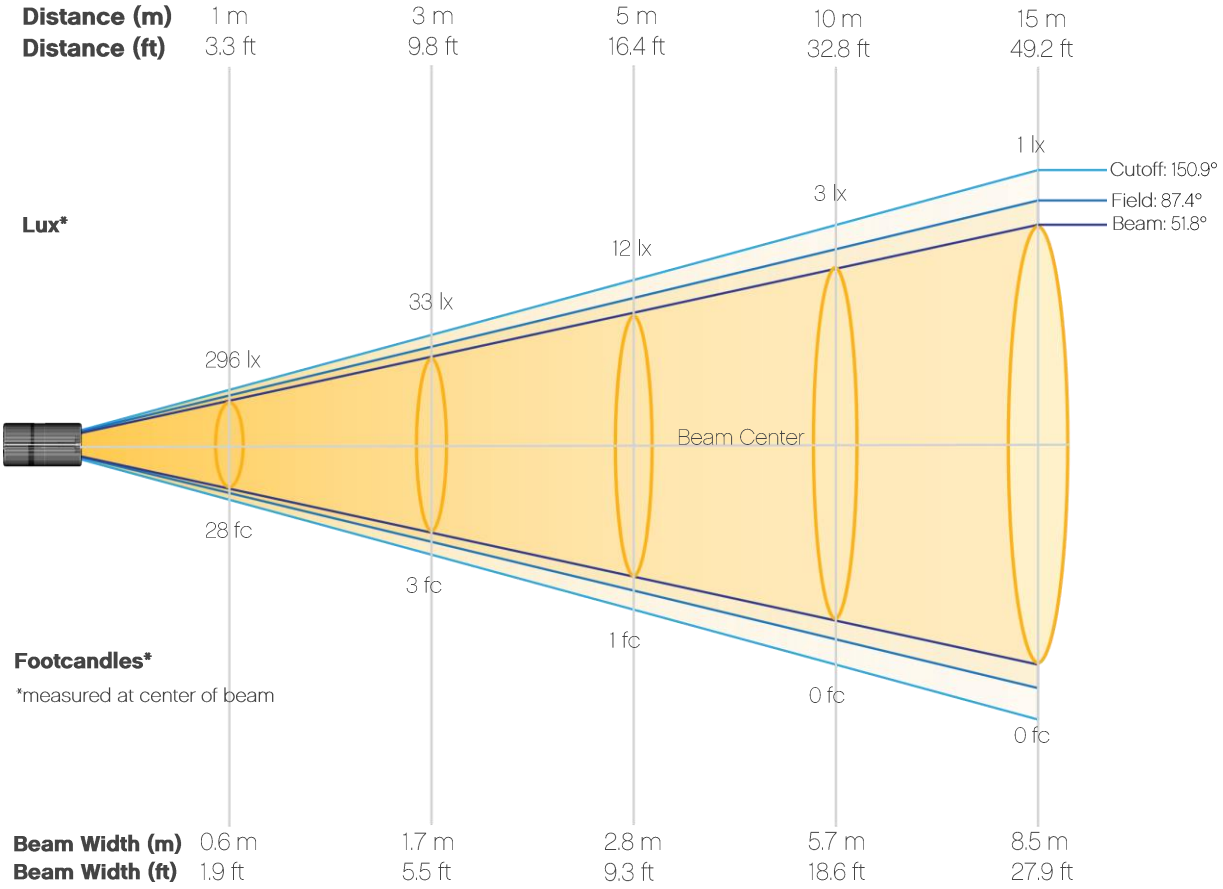


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

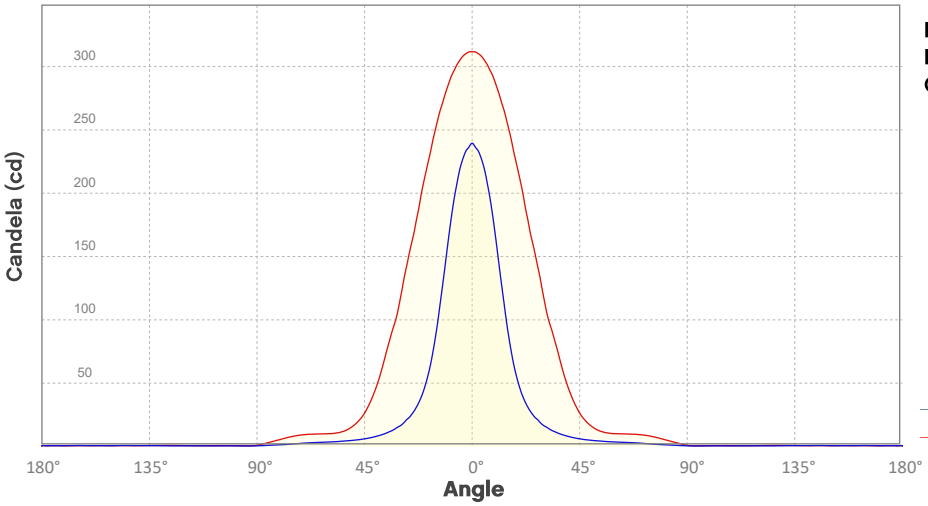
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	296	74	33	19	12	8	6	5	4	3
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2	2	2	2	1	1	1	1	1	1
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	28	7	3	2	1	1	1	0	0	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

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Photometric Report

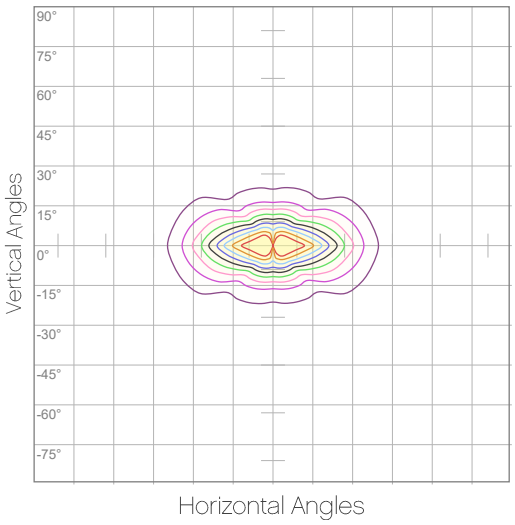
WELL Panel: Standard Optics-w/10x60 Filter Lens, Blue Only

Candela Plot



Beam Angle (50%): 31.6°
Field Angle (10%): 61.6°
Cutoff Angle (3%): 108.7°

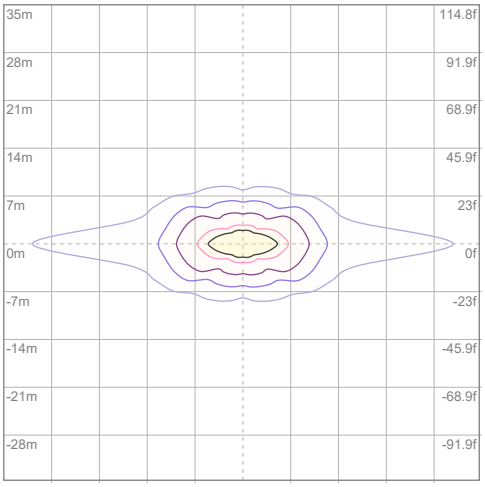
Polar Diagrams



iso-candela Diagram

10%	30 cd
20%	59 cd
30%	89 cd
40%	118 cd
50%	148 cd
60%	178 cd
70%	207 cd
80%	237 cd
90%	267 cd

Conditions:
Number of c-planes: 8
Candela at center: 296 cd



iso-illuminance Diagram

3%	88.8m lx
5%	0.148 lx
10%	0.296 lx
30%	0.888 lx
50%	1.48 lx

Conditions:
Number of c-planes: 8
Lux at center: 2.96 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Report Summary

Output

Total Lumens: 2853 lm
Peak Intensity: 6596 cd
Illuminance @ 5m: 241 lux
Fixture Efficacy: 10 lm/W

Optical

Horizontal Beam Angle (50%): 50.7°
Vertical Beam Angle (50%): 27.2°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 53.1°
Horizontal Cutoff Angle (3%): 149.5°
Vertical Cutoff Angle (3%): 89.6°



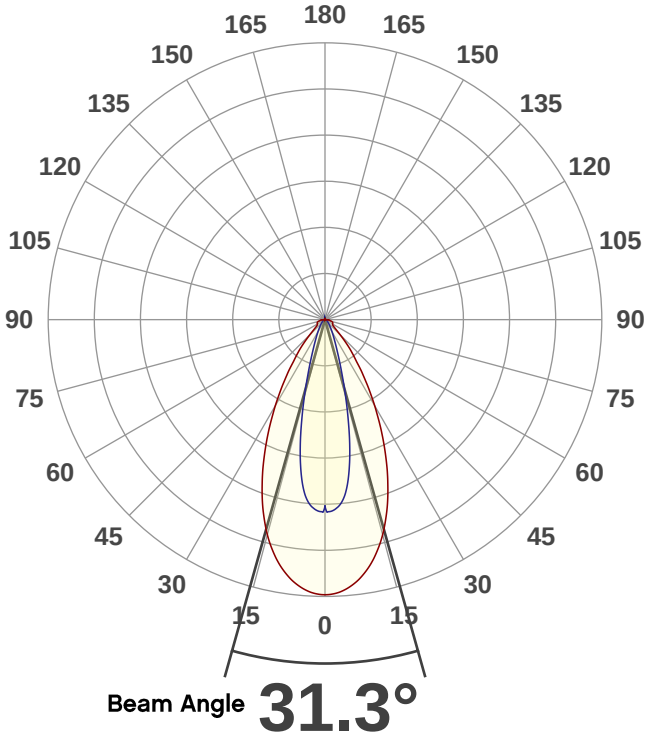
Conditions

AC Supply: 119 V, 60 Hz
Power: 282.1 W
Current: 2.36 A
Power Factor: 1.0

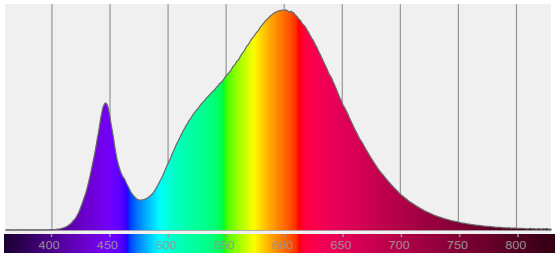
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Overall Measurement

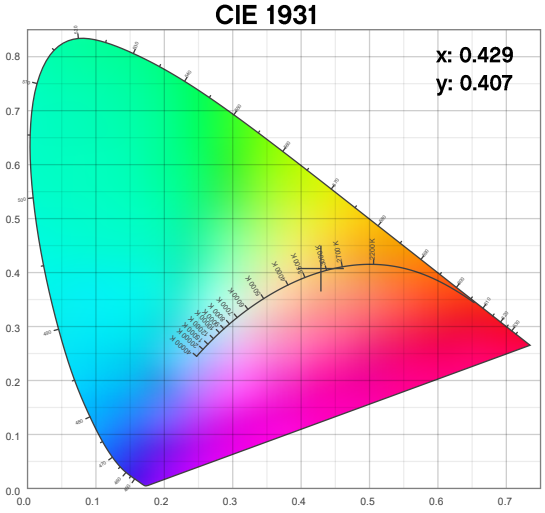
Angular Beam Distribution



Spectral Distribution



CIE 1931

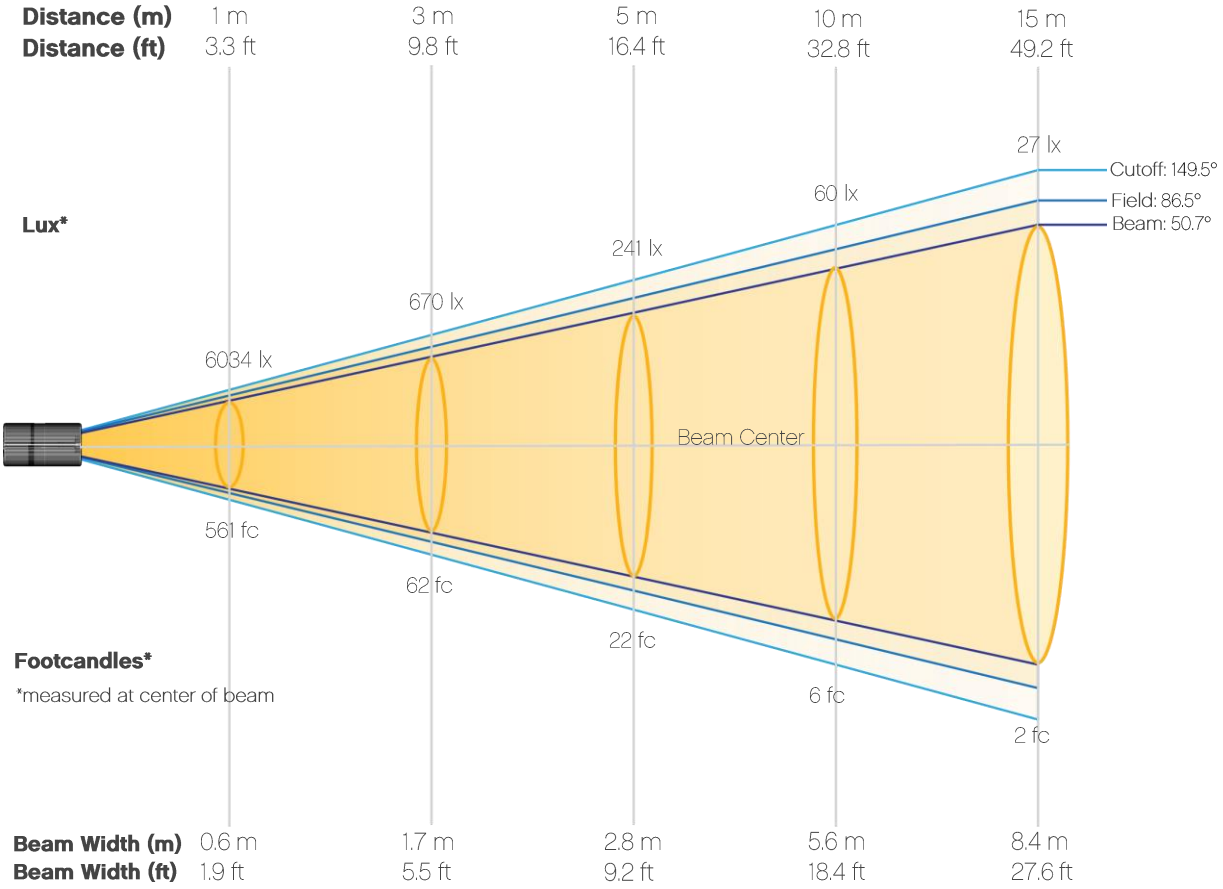


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

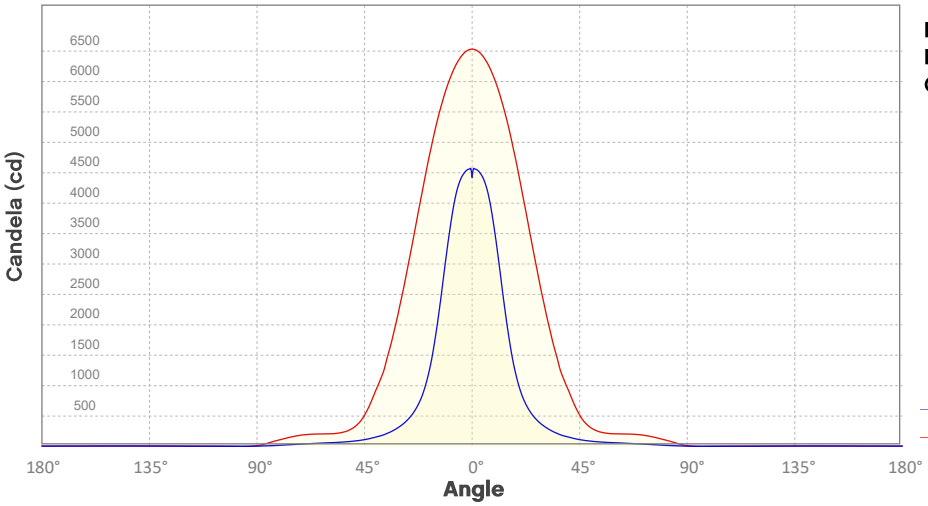
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6034	1508	670	377	241	168	123	94	74	60
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	50	42	36	31	27	24	21	19	17	15
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	561	140	62	35	22	16	11	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	3	3	2	2	2	2	2	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

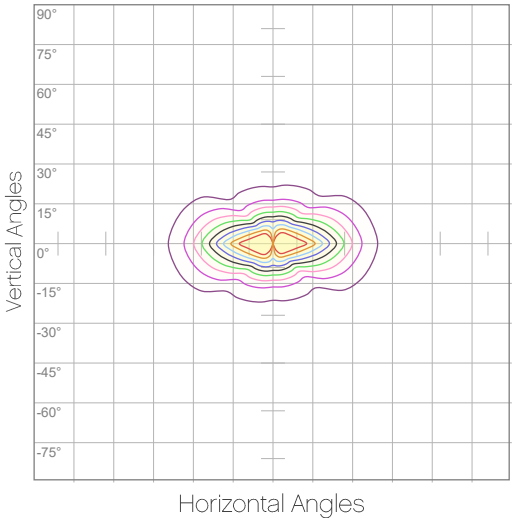
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 61.1°
Cutoff Angle (3%): 106.3°

Horizontal Distribution
Vertical Distribution

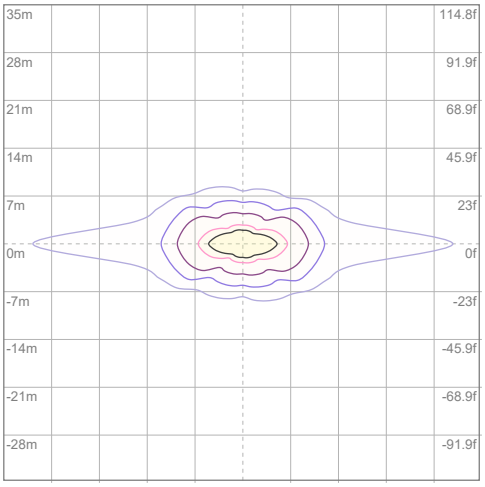
Polar Diagrams



iso-candela Diagram

10%	603 cd
20%	1207 cd
30%	1810 cd
40%	2413 cd
50%	3017 cd
60%	3620 cd
70%	4223 cd
80%	4827 cd
90%	5430 cd

Conditions:
Number of c-planes: 8
Candela at center: 6034 cd



iso-illuminance Diagram

3%	1.81 lx
5%	3.02 lx
10%	6.03 lx
30%	18.1 lx
50%	30.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 60.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Report Summary

Output

Total Lumens: 2807 lm
Peak Intensity: 6514 cd
Illuminance @ 5m: 241 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 26.1°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.8°
Horizontal Cutoff Angle (3%): 149.7°
Vertical Cutoff Angle (3%): 87.7°



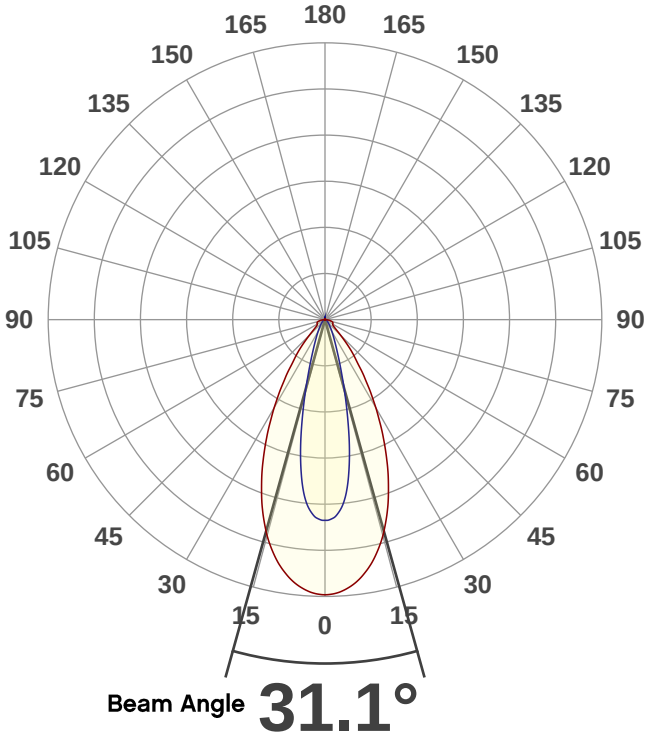
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

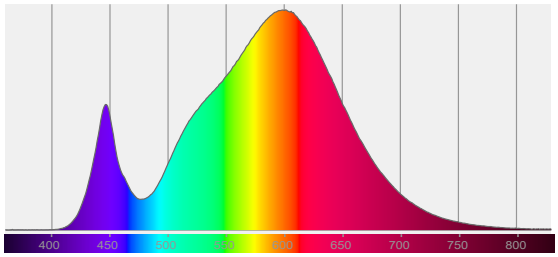
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Overall Measurement

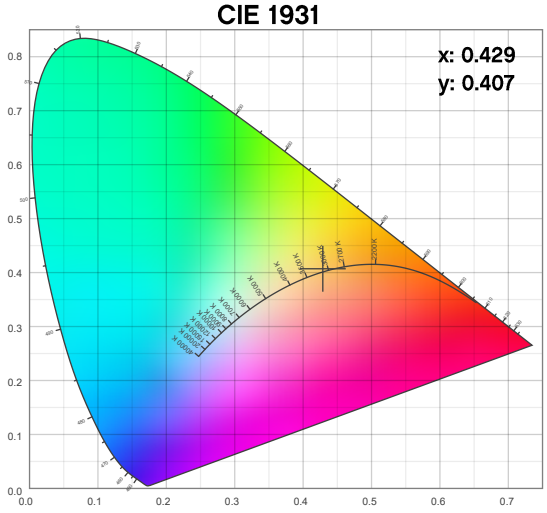
Angular Beam Distribution



Spectral Distribution



CIE 1931

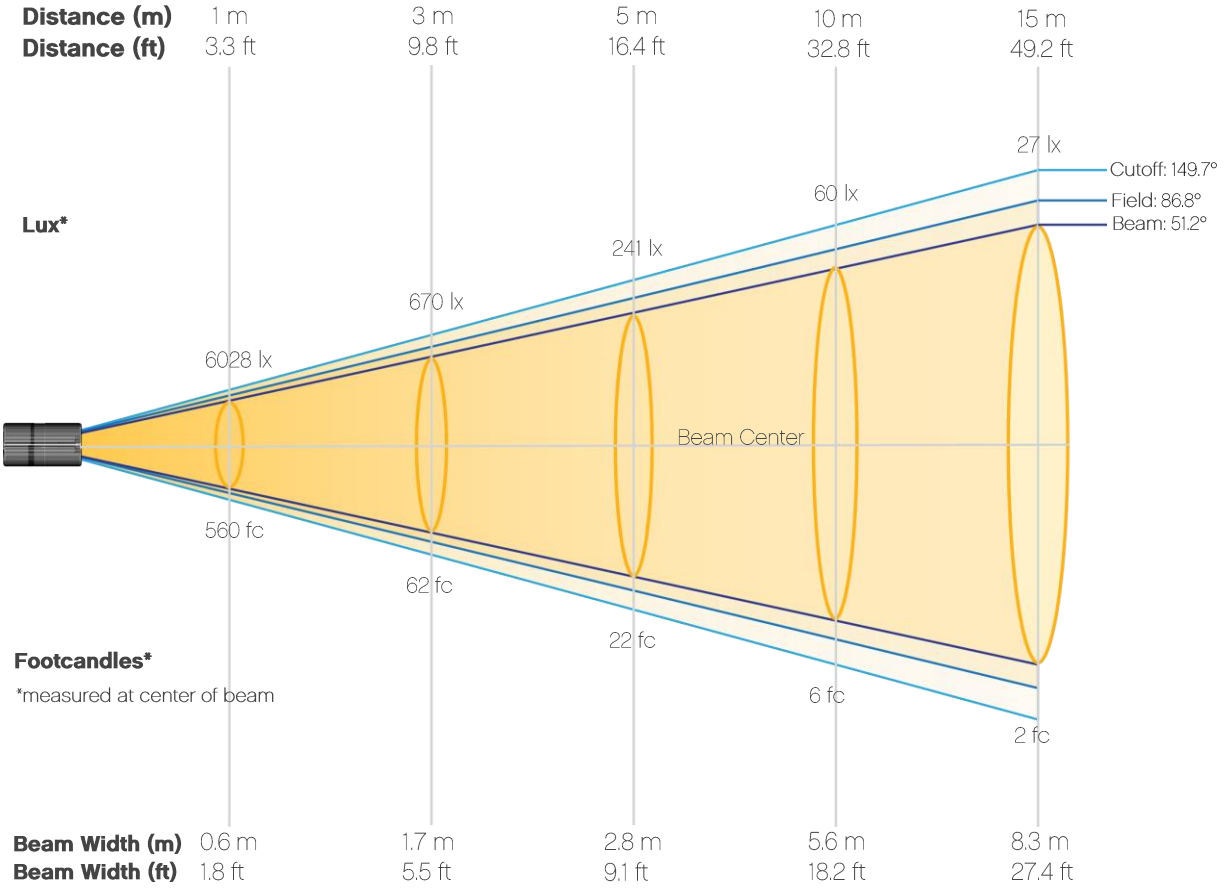


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

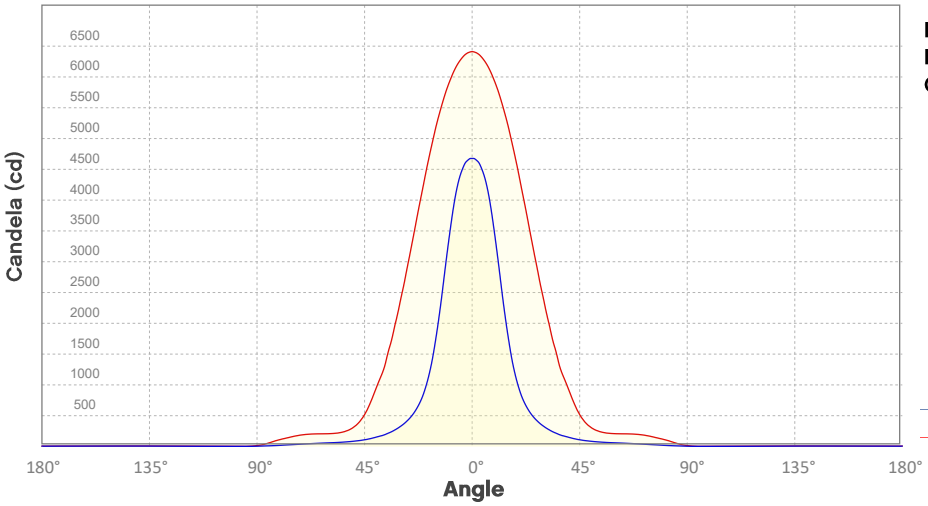
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6028	1507	670	377	241	167	123	94	74	60
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	50	42	36	31	27	24	21	19	17	15
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	560	140	62	35	22	16	11	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	3	3	2	2	2	2	2	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

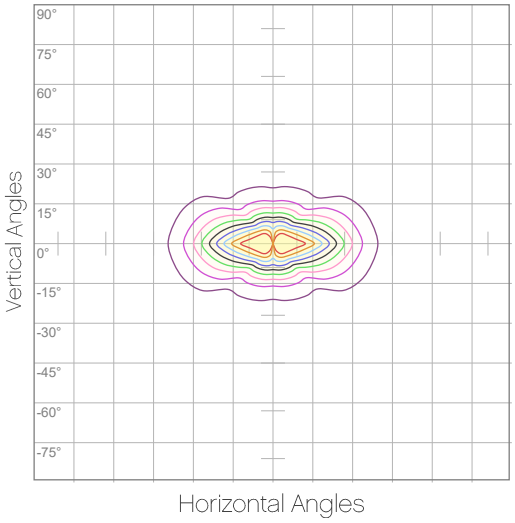
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.7°
Cutoff Angle (3%): 105.8°

Horizontal Distribution
Vertical Distribution

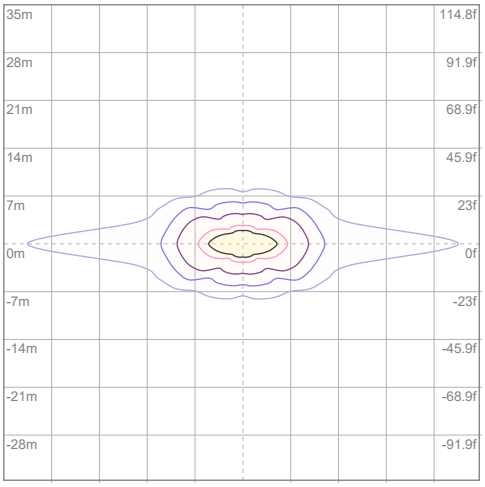
Polar Diagrams



iso-candela Diagram

	10%	603 cd
	20%	1206 cd
	30%	1808 cd
	40%	2411 cd
	50%	3014 cd
	60%	3617 cd
	70%	4220 cd
	80%	4822 cd
	90%	5425 cd

Conditions:
Number of c-planes: 8
Candela at center: 6028 cd



iso-illuminance Diagram

	3%	1.81 lx
	5%	3.01 lx
	10%	6.03 lx
	30%	18.1 lx
	50%	30.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 60.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Report Summary

Output

Total Lumens: 1450 lm
Peak Intensity: 3363 cd
Illuminance @ 5m: 125 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.9°
Horizontal Field Angle (10%): 86.9°
Vertical Field Angle (10%): 51.7°
Horizontal Cutoff Angle (3%): 149.9°
Vertical Cutoff Angle (3%): 87.7°



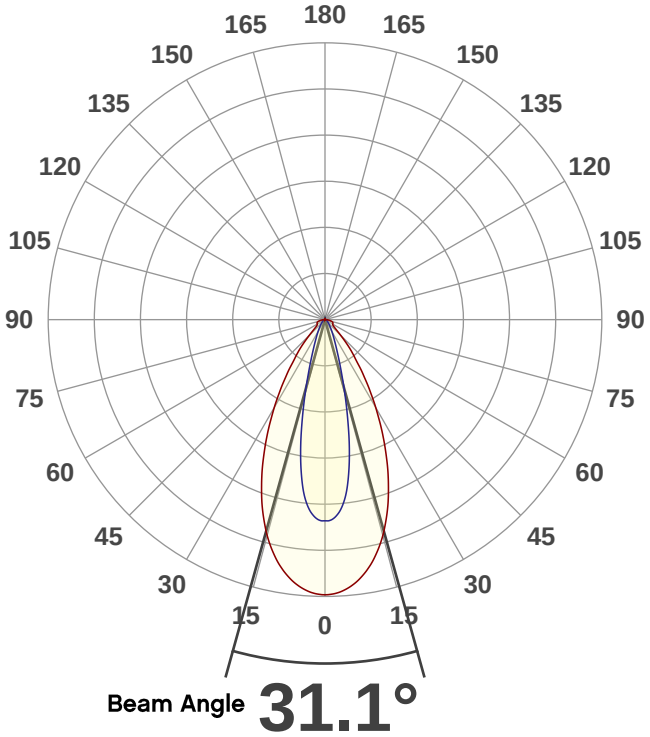
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

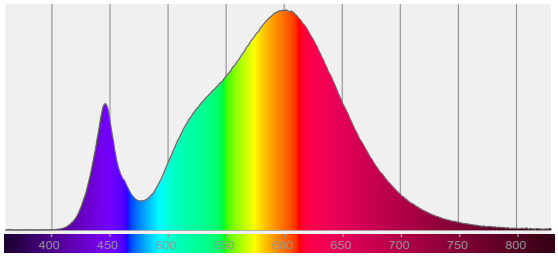
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Overall Measurement

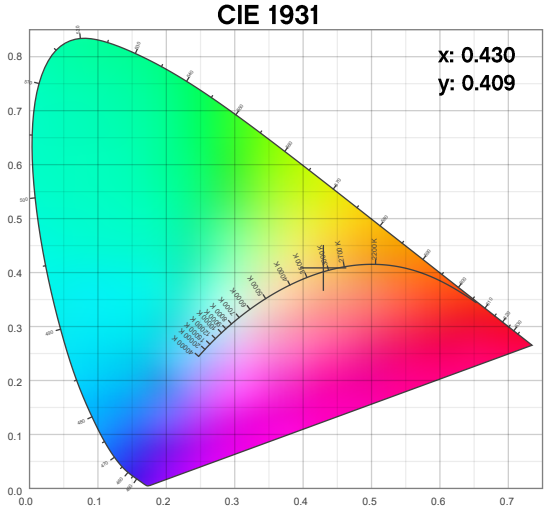
Angular Beam Distribution



Spectral Distribution



CIE 1931

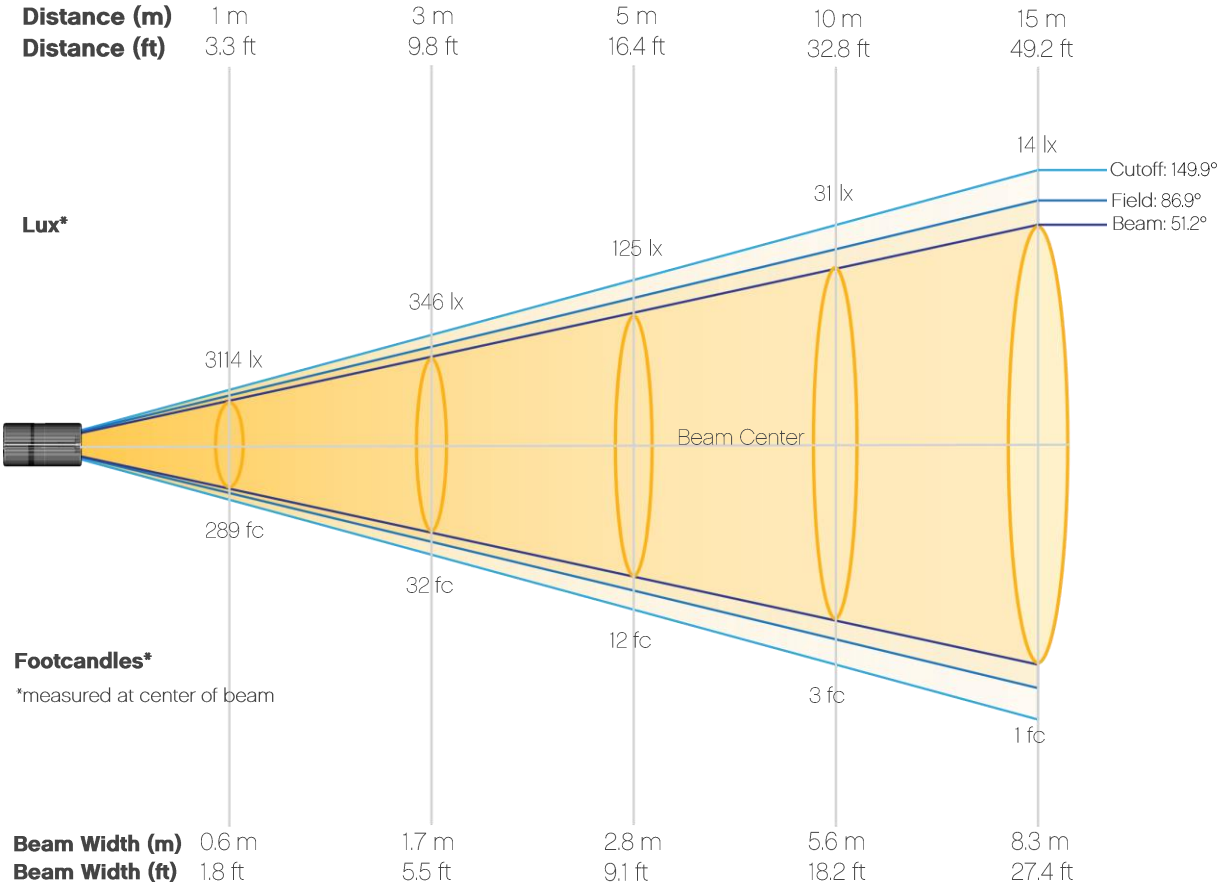


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

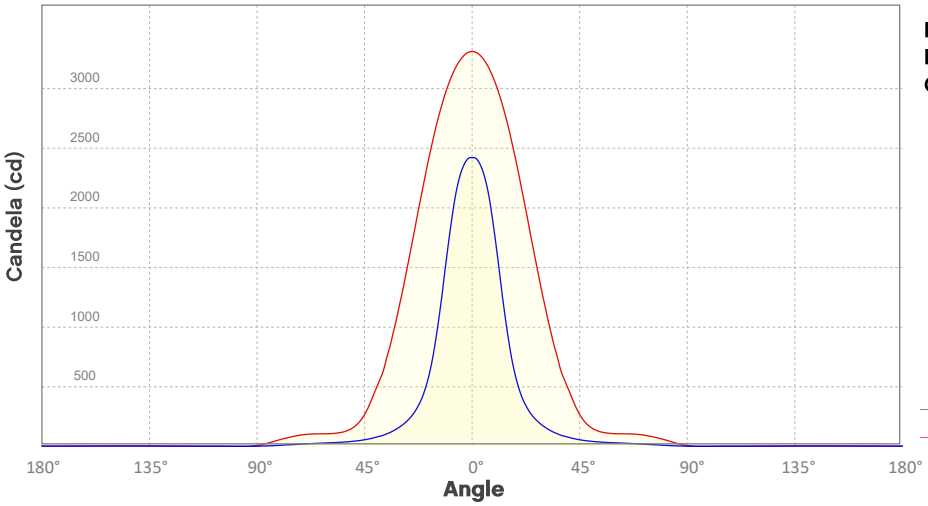
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3114	779	346	195	125	87	64	49	38	31
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	26	22	18	16	14	12	11	10	9	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	289	72	32	18	12	8	6	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

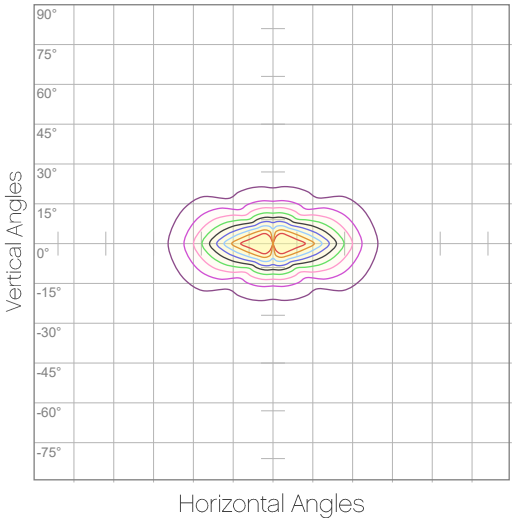
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.7°
Cutoff Angle (3%): 105.8°

Horizontal Distribution
Vertical Distribution

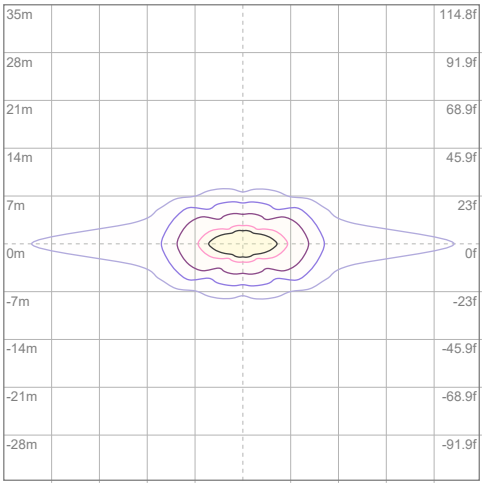
Polar Diagrams



iso-candela Diagram

10%	311 cd
20%	623 cd
30%	934 cd
40%	1246 cd
50%	1557 cd
60%	1869 cd
70%	2180 cd
80%	2491 cd
90%	2803 cd

Conditions:
Number of c-planes: 8
Candela at center: 3114 cd



iso-illuminance Diagram

3%	0.934 lx
5%	1.56 lx
10%	3.11 lx
30%	9.34 lx
50%	15.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 31.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Report Summary

Output

Total Lumens: 923 lm
Peak Intensity: 2133 cd
Illuminance @ 5m: 79 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 150.2°
Vertical Cutoff Angle (3%): 87.2°



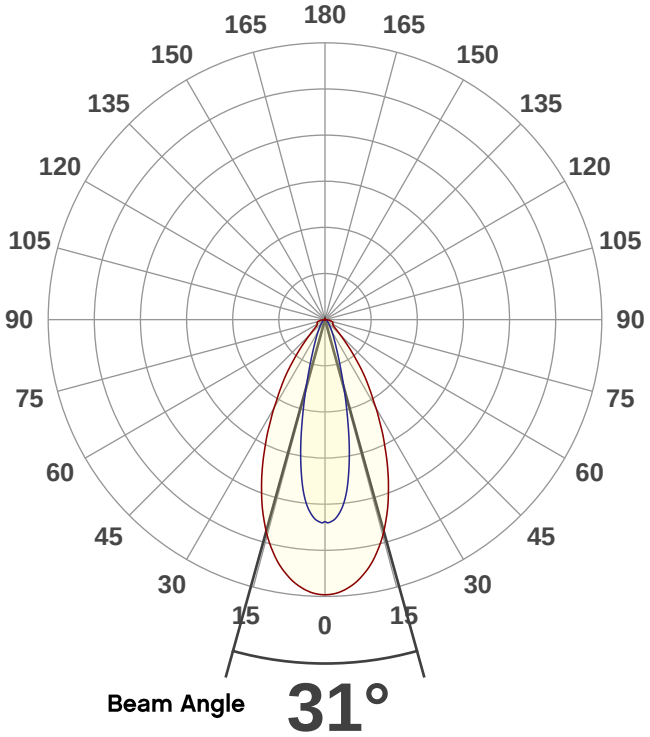
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

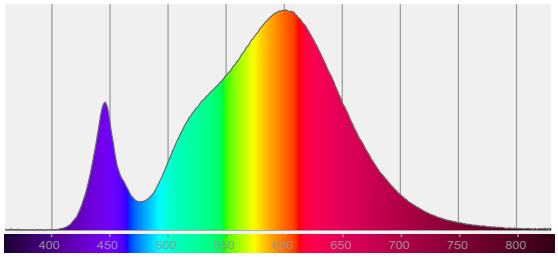
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Overall Measurement

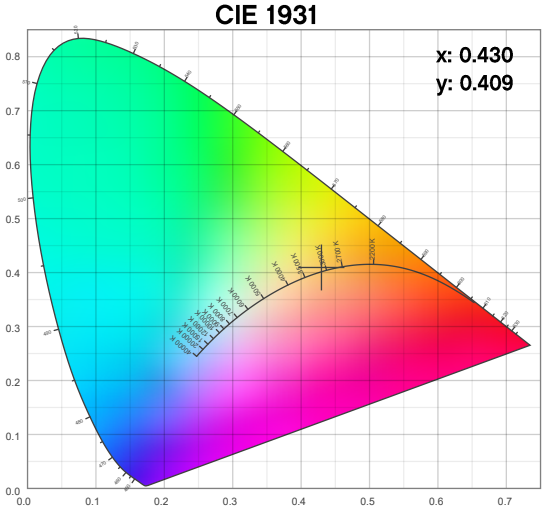
Angular Beam Distribution



Spectral Distribution



CIE 1931

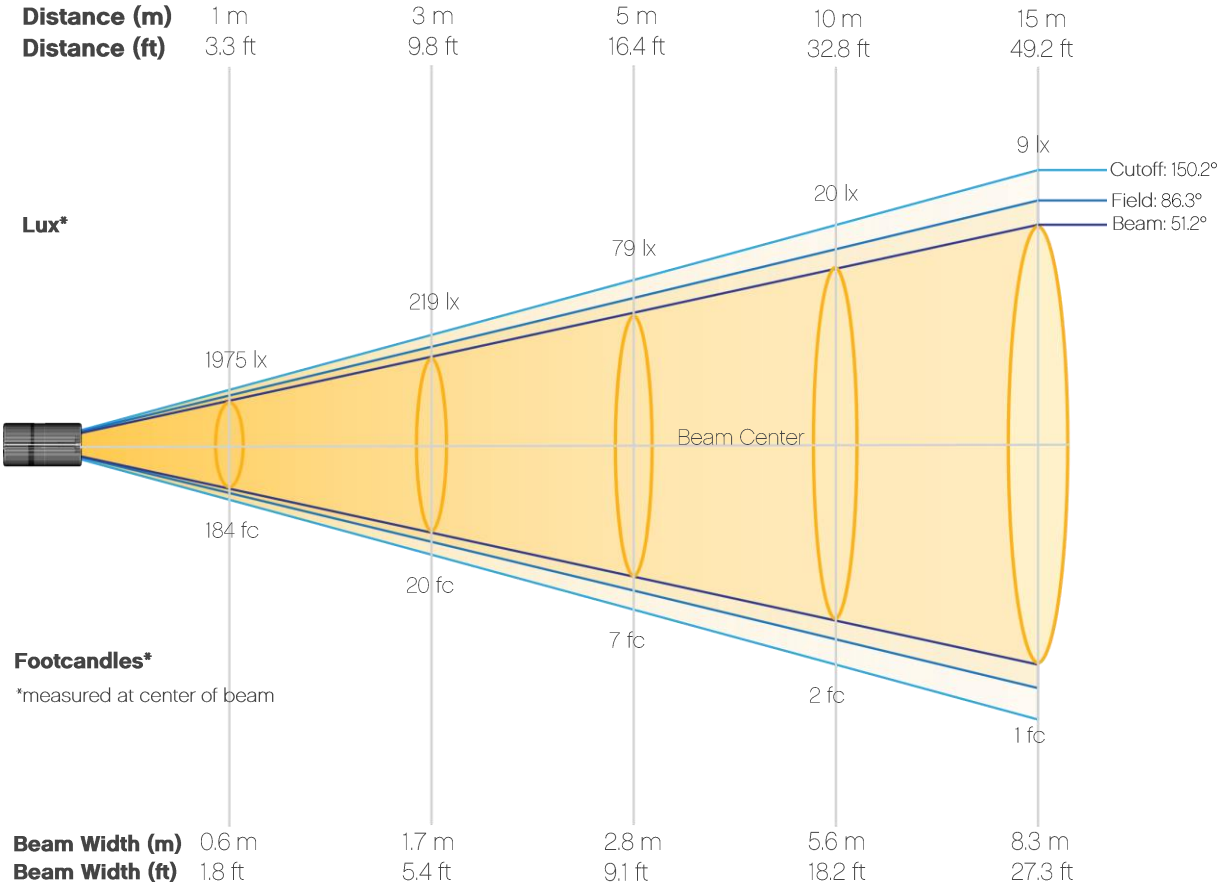


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

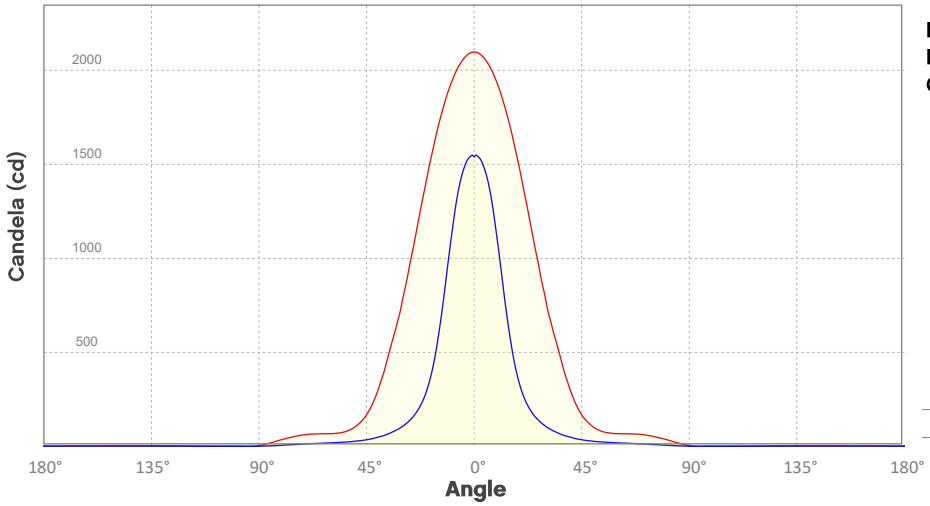
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1975	494	219	123	79	55	40	31	24	20
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	16	14	12	10	9	8	7	6	5	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	184	46	20	11	7	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	0

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Photometric Report

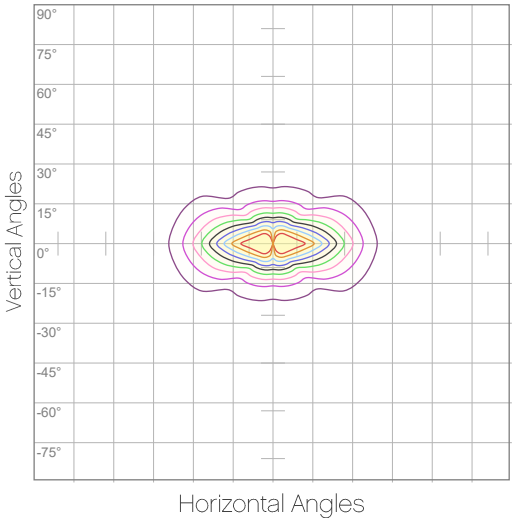
WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Candela Plot



Beam Angle (50%): 31°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 106°

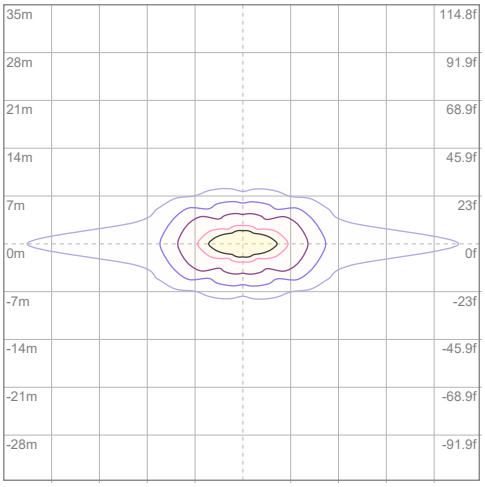
Polar Diagrams



iso-candela Diagram

10%	198 cd
20%	395 cd
30%	593 cd
40%	790 cd
50%	988 cd
60%	1185 cd
70%	1383 cd
80%	1580 cd
90%	1778 cd

Conditions:
Number of c-planes: 8
Candela at center: 1975 cd



iso-illuminance Diagram

3%	0.593 lx
5%	0.988 lx
10%	1.98 lx
30%	5.93 lx
50%	9.88 lx

Conditions:
Number of c-planes: 8
Lux at center: 19.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Report Summary

Output

Total Lumens: 602 lm
Peak Intensity: 1392 cd
Illuminance @ 5m: 52 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 150.5°
Vertical Cutoff Angle (3%): 87.3°



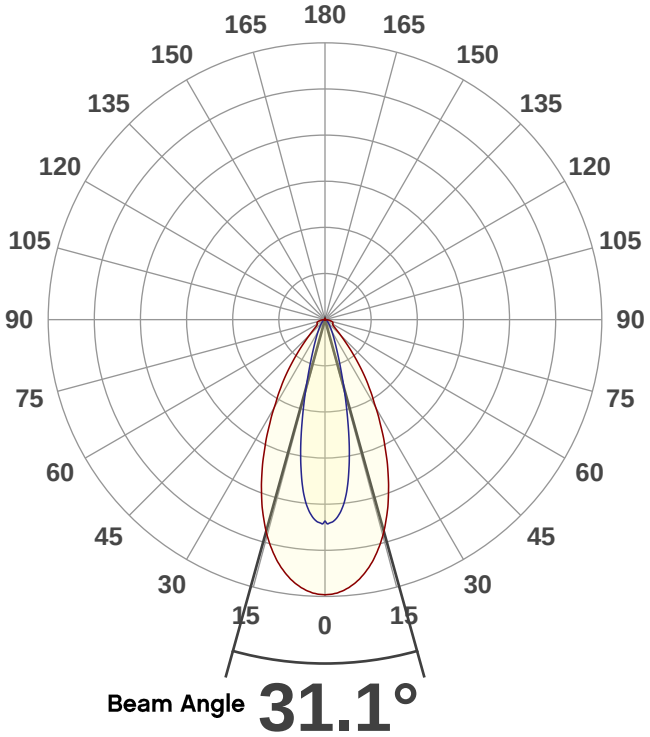
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

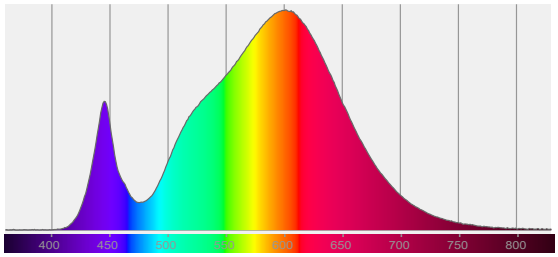
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Overall Measurement

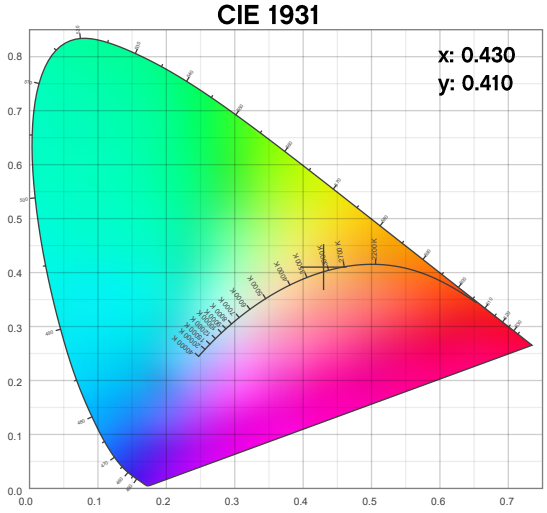
Angular Beam Distribution



Spectral Distribution



CIE 1931

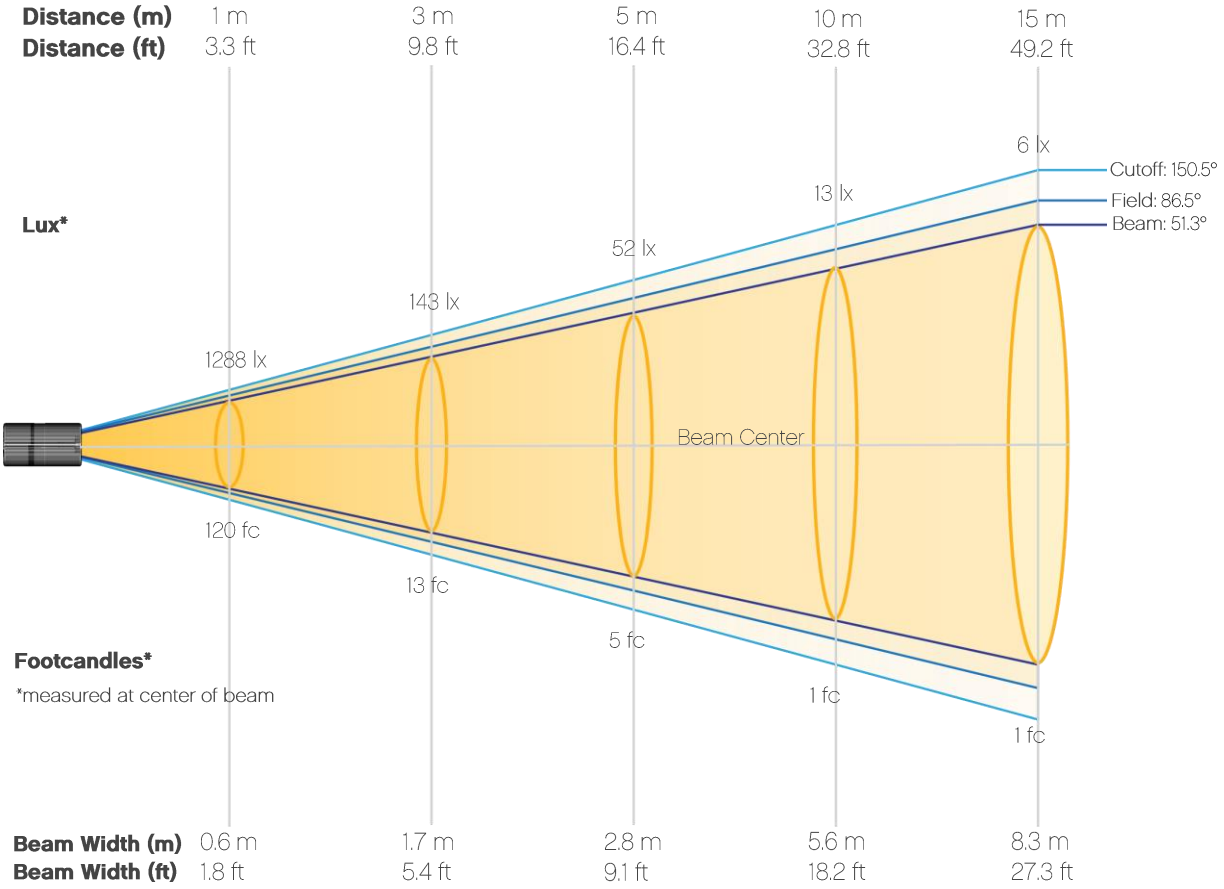


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

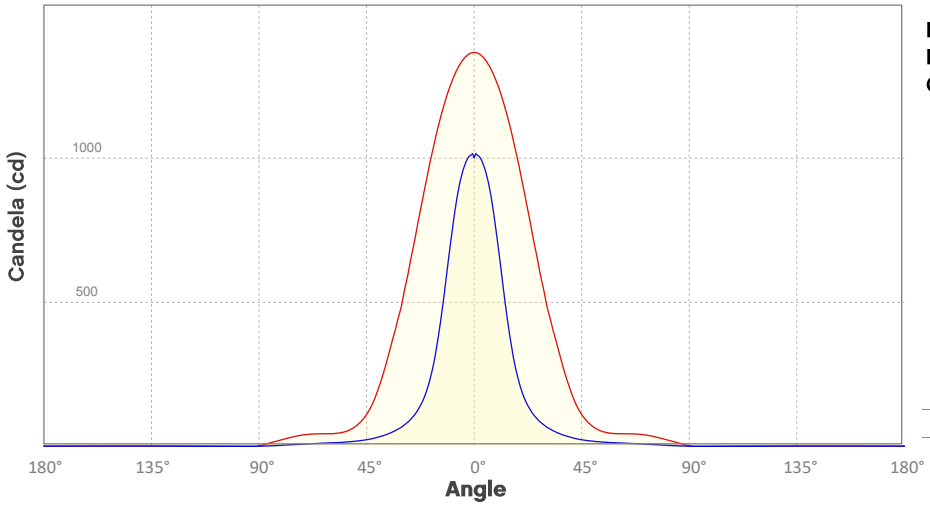
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1288	322	143	81	52	36	26	20	16	13
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	11	9	8	7	6	5	4	4	4	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	120	30	13	7	5	3	2	2	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	0	0	0	0	0

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Photometric Report

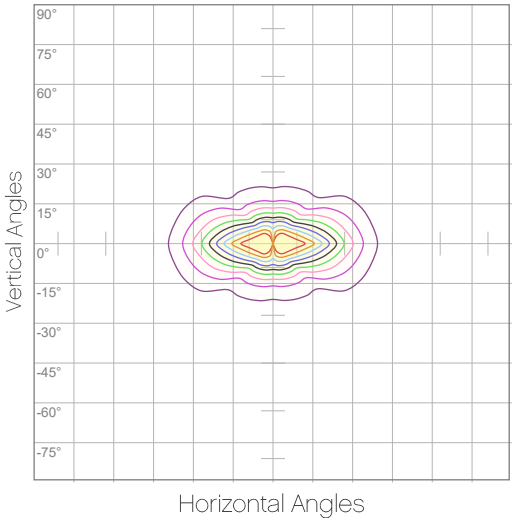
WELL Panel: Standard Optics-w/10x60 Filter Lens, White Only

Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 106°

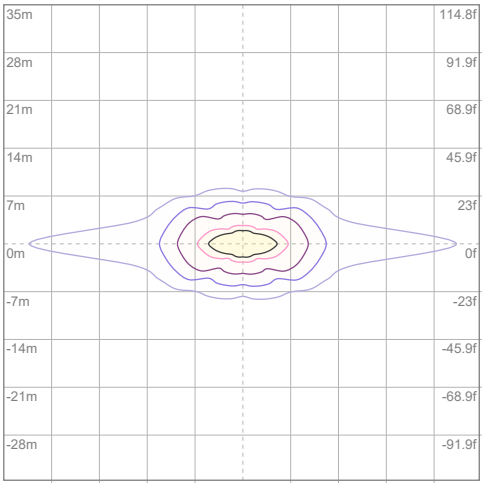
Polar Diagrams



iso-candela Diagram

10%	129 cd
20%	258 cd
30%	386 cd
40%	515 cd
50%	644 cd
60%	773 cd
70%	902 cd
80%	1030 cd
90%	1159 cd

Conditions:
Number of c-planes: 8
Candela at center: 1288 cd



iso-illuminance Diagram

3%	0.386 lx
5%	0.644 lx
10%	1.29 lx
30%	3.86 lx
50%	6.44 lx

Conditions:
Number of c-planes: 8
Lux at center: 12.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Report Summary

Output

Total Lumens: 3552 lm
Peak Intensity: 8254 cd
Illuminance @ 5m: 304 lux
Fixture Efficacy: 13 lm/W

Optical

Horizontal Beam Angle (50%): 50.6°
Vertical Beam Angle (50%): 27°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 52.7°
Horizontal Cutoff Angle (3%): 149.2°
Vertical Cutoff Angle (3%): 88.9°



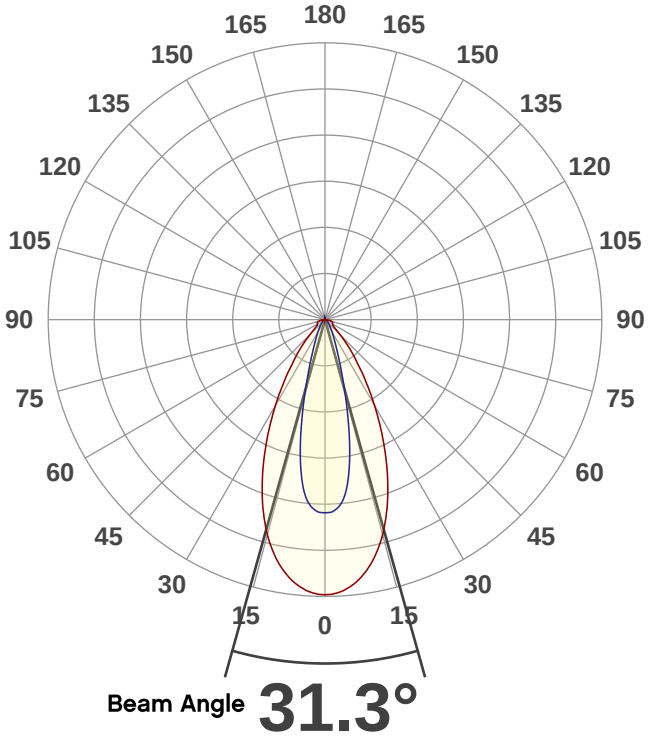
Conditions

AC Supply: 120 V, 60 Hz
Power: 282.74 W
Current: 2.36 A
Power Factor: 1.0

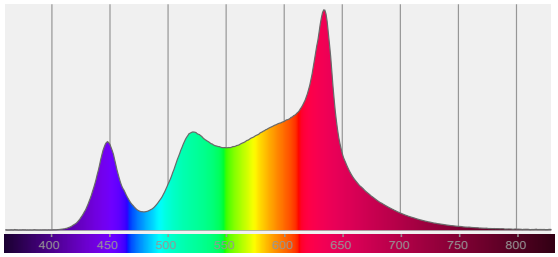
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Overall Measurement

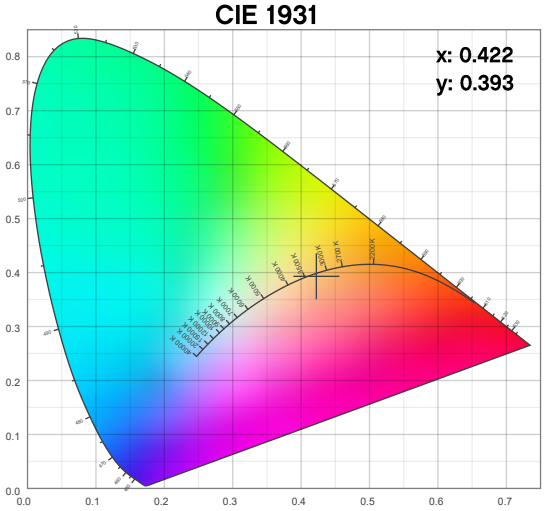
Angular Beam Distribution



Spectral Distribution



CIE 1931

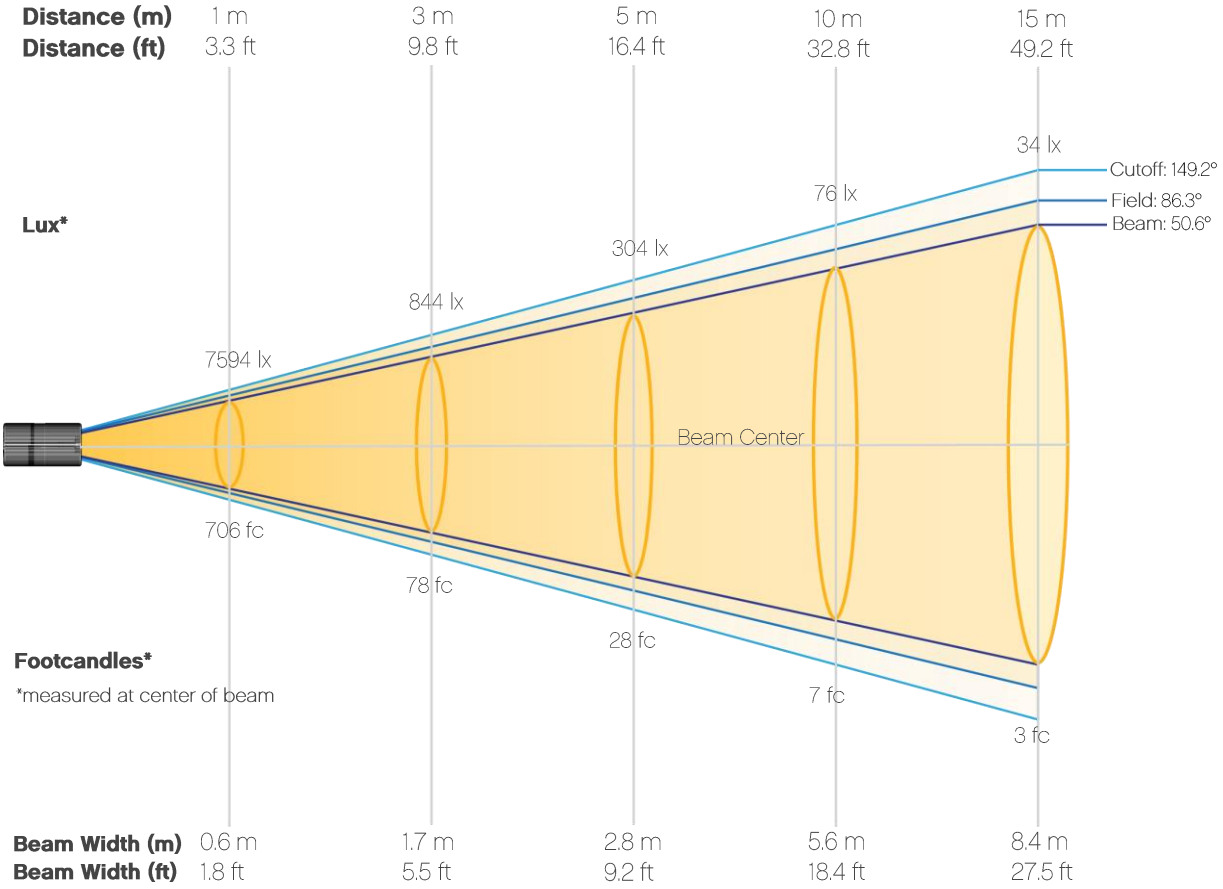


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

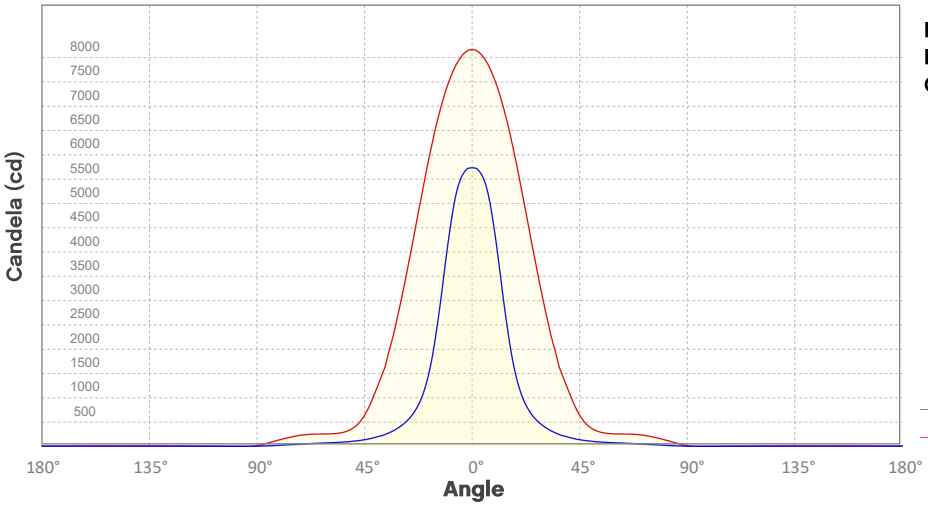
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7594	1898	844	475	304	211	155	119	94	76
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	63	53	45	39	34	30	26	23	21	19
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	706	176	78	44	28	20	14	11	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

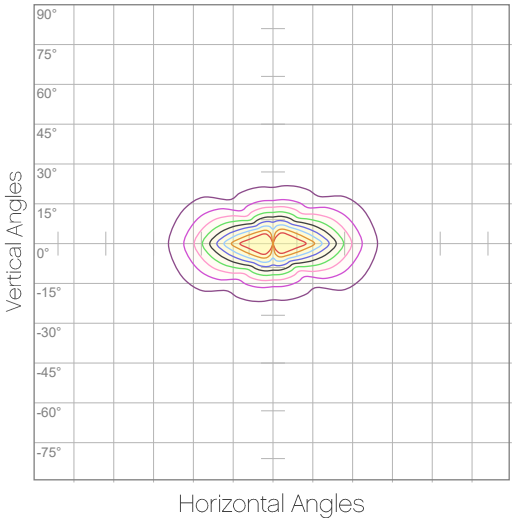
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 60.8°
Cutoff Angle (3%): 105.9°

Horizontal Distribution
Vertical Distribution

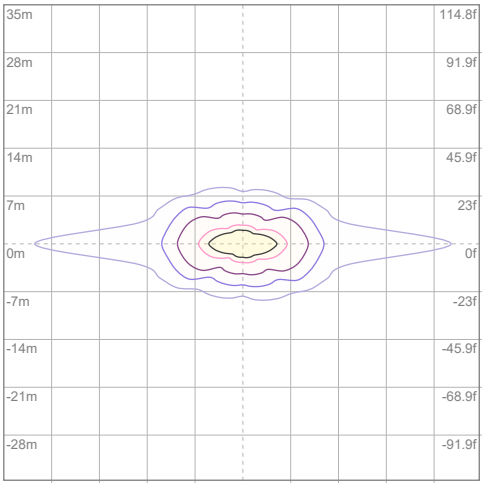
Polar Diagrams



iso-candela Diagram

10%	759 cd
20%	1519 cd
30%	2278 cd
40%	3038 cd
50%	3797 cd
60%	4556 cd
70%	5316 cd
80%	6075 cd
90%	6835 cd

Conditions:
Number of c-planes: 8
Candela at center: 7594 cd



iso-illuminance Diagram

3%	2.28 lx
5%	3.80 lx
10%	7.59 lx
30%	22.8 lx
50%	38.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 75.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Report Summary

Output

Total Lumens: 3509 lm
Peak Intensity: 8162 cd
Illuminance @ 5m: 302 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.7°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 149.7°
Vertical Cutoff Angle (3%): 87.3°



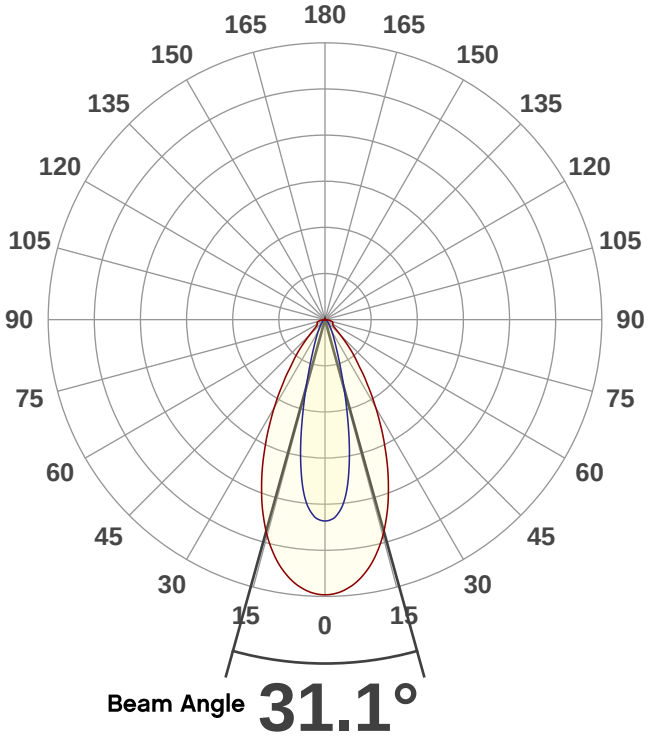
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

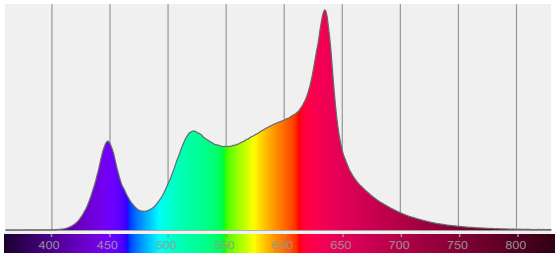
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Overall Measurement

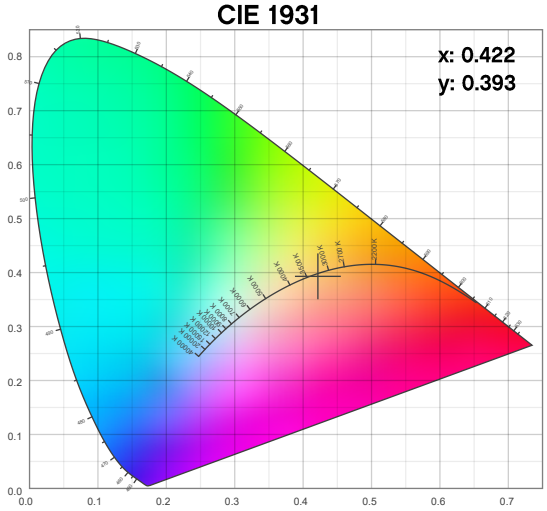
Angular Beam Distribution



Spectral Distribution



CIE 1931

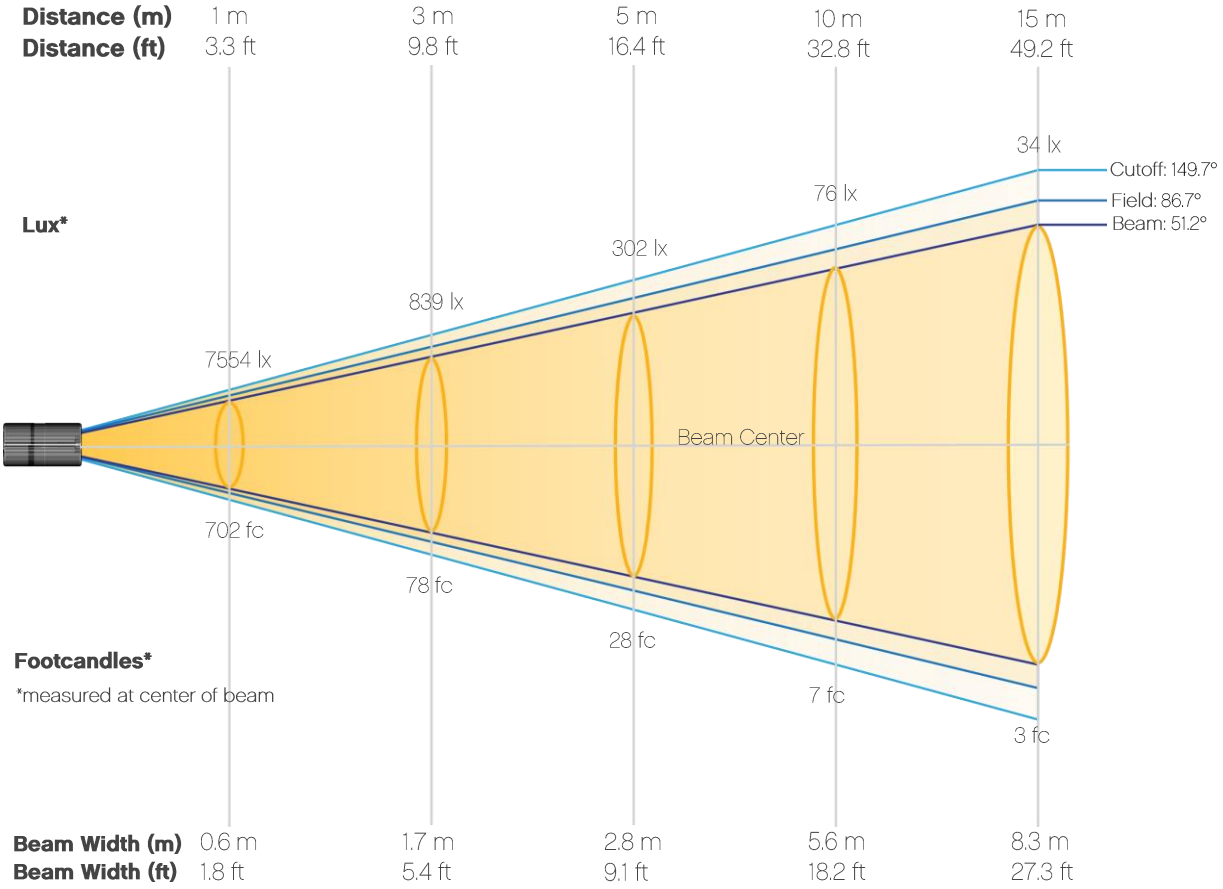


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

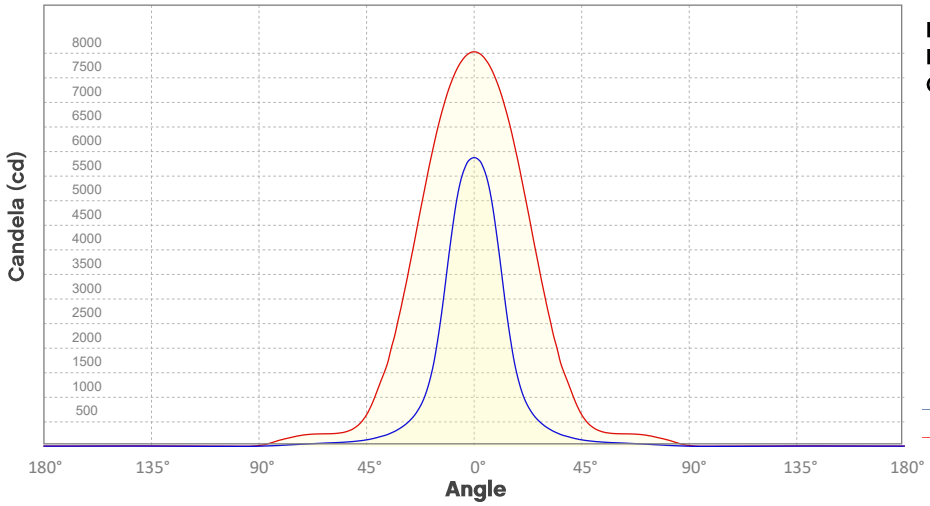
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7554	1889	839	472	302	210	154	118	93	76
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	62	52	45	39	34	30	26	23	21	19
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	702	175	78	44	28	19	14	11	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	2	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

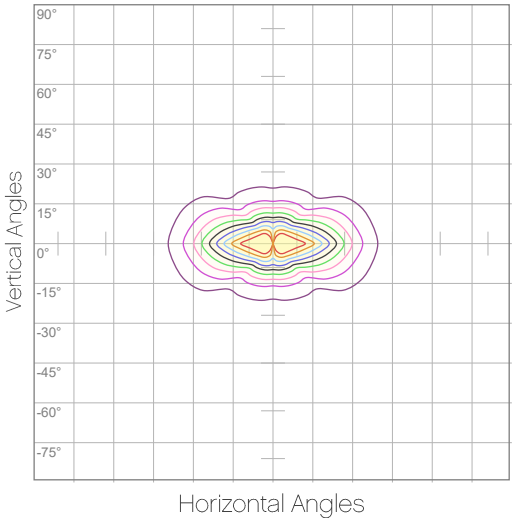
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.5°

Horizontal Distribution
Vertical Distribution

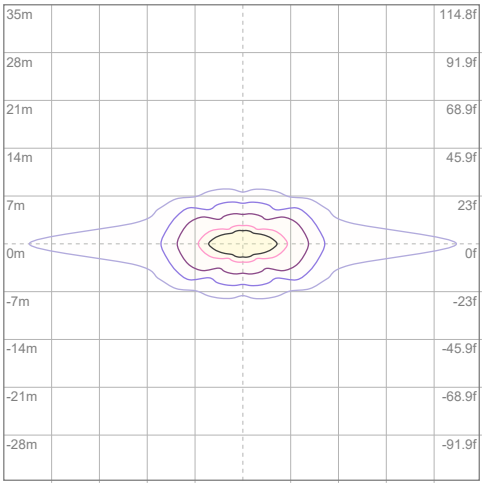
Polar Diagrams



iso-candela Diagram

10%	755 cd
20%	1511 cd
30%	2266 cd
40%	3022 cd
50%	3777 cd
60%	4532 cd
70%	5288 cd
80%	6043 cd
90%	6799 cd

Conditions:
Number of c-planes: 8
Candela at center: 7554 cd



iso-illuminance Diagram

3%	2.27 lx
5%	3.78 lx
10%	7.55 lx
30%	22.7 lx
50%	37.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 75.5 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Report Summary

Output

Total Lumens: 1450 lm
Peak Intensity: 3363 cd
Illuminance @ 5m: 125 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.9°
Horizontal Field Angle (10%): 86.9°
Vertical Field Angle (10%): 51.7°
Horizontal Cutoff Angle (3%): 149.9°
Vertical Cutoff Angle (3%): 87.7°



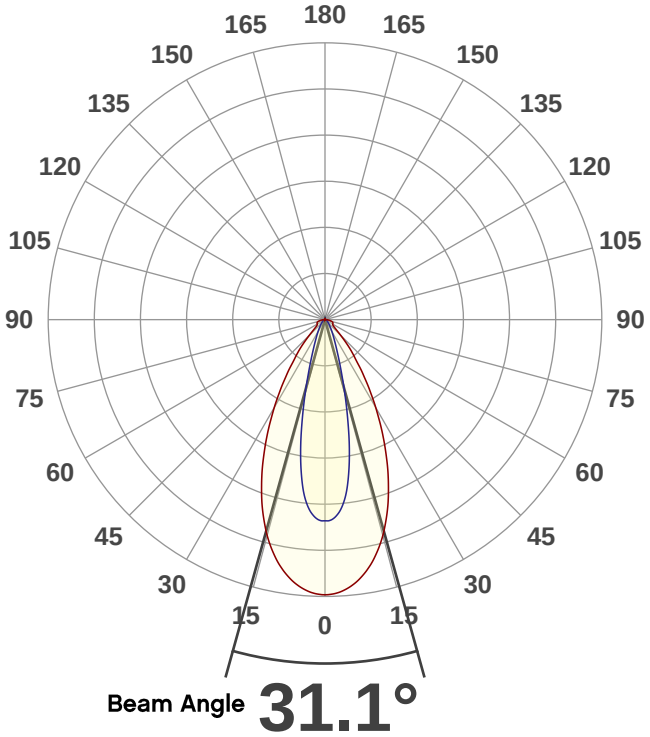
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

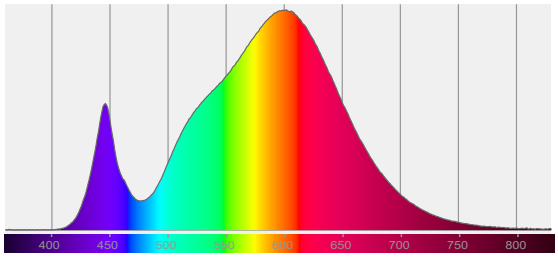
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Overall Measurement

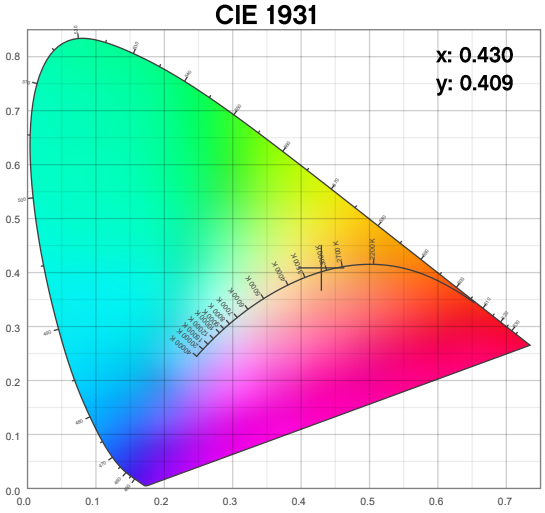
Angular Beam Distribution



Spectral Distribution



CIE 1931

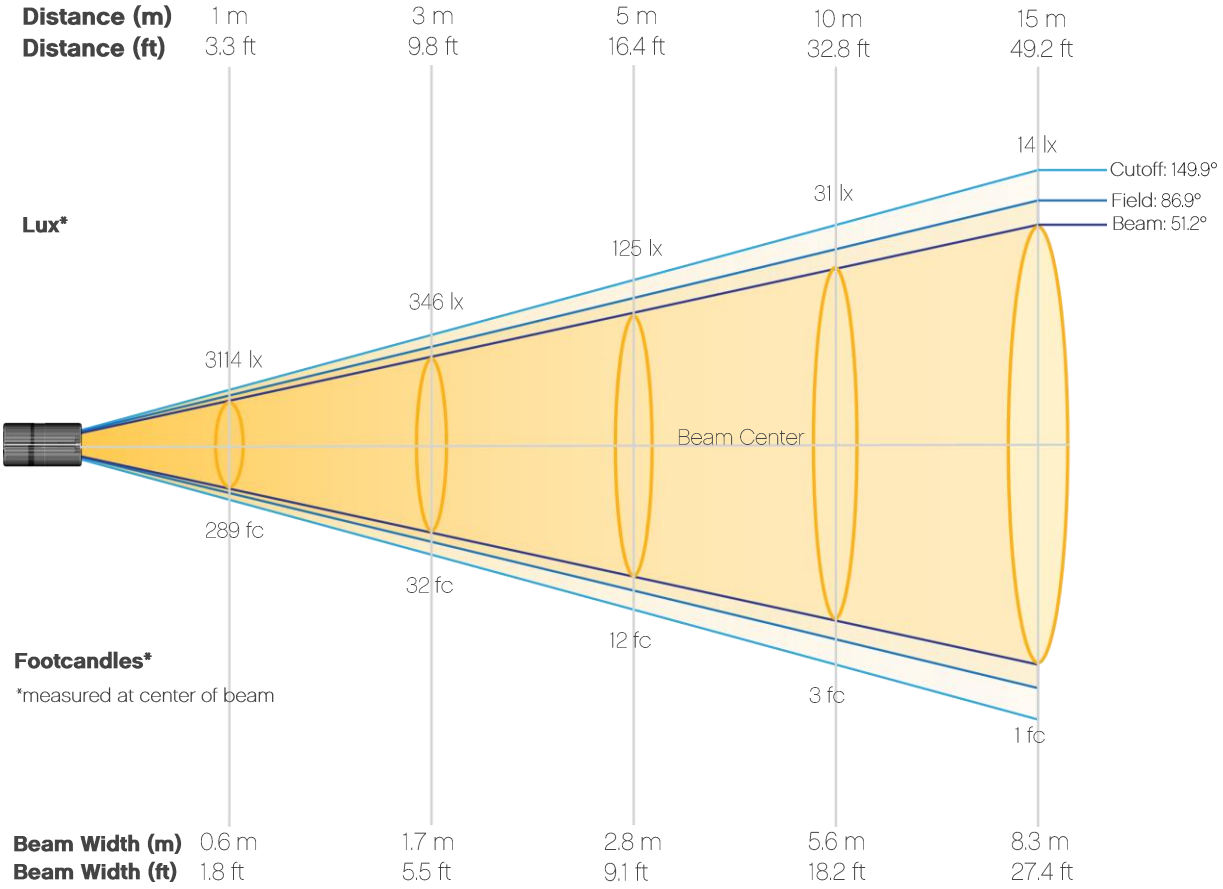


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

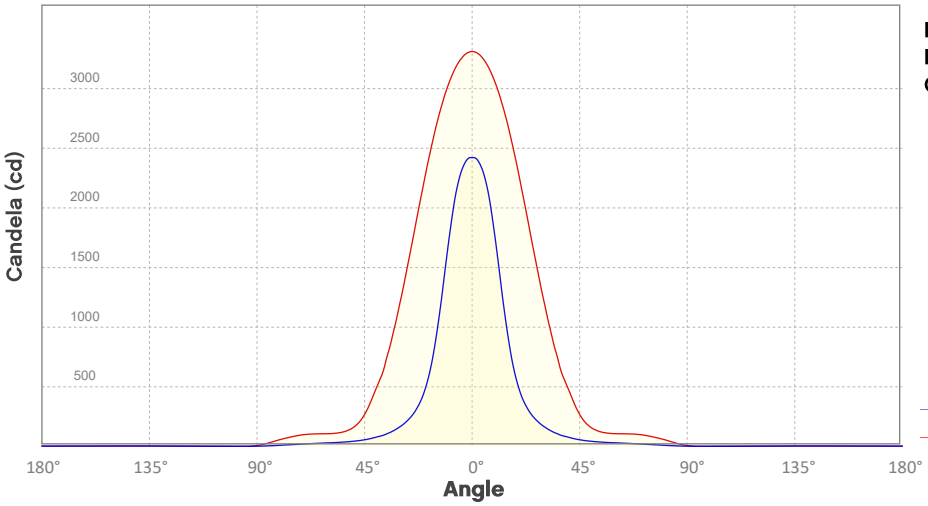
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3114	779	346	195	125	87	64	49	38	31
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	26	22	18	16	14	12	11	10	9	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	289	72	32	18	12	8	6	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

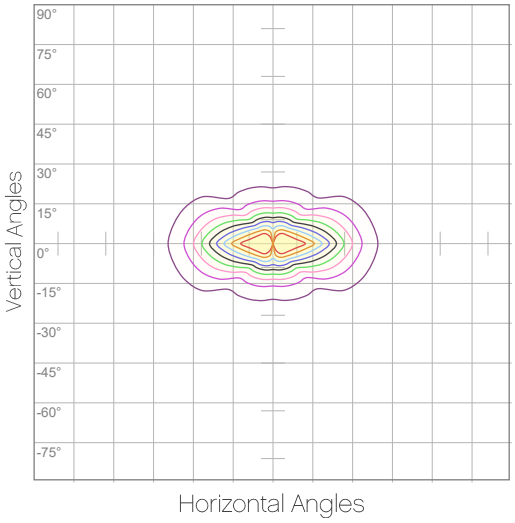
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.7°
Cutoff Angle (3%): 105.8°

Horizontal Distribution
Vertical Distribution

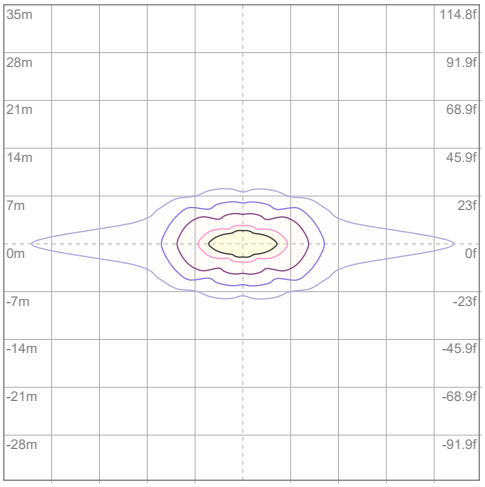
Polar Diagrams



iso-candela Diagram

10%	311 cd
20%	623 cd
30%	934 cd
40%	1246 cd
50%	1557 cd
60%	1869 cd
70%	2180 cd
80%	2491 cd
90%	2803 cd

Conditions:
Number of c-planes: 8
Candela at center: 3114 cd



iso-illuminance Diagram

3%	0.934 lx
5%	1.56 lx
10%	3.11 lx
30%	9.34 lx
50%	15.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 31.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Report Summary

Output

Total Lumens: 1156 lm
Peak Intensity: 2675 cd
Illuminance @ 5m: 99 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.4°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 150.3°
Vertical Cutoff Angle (3%): 86.9°



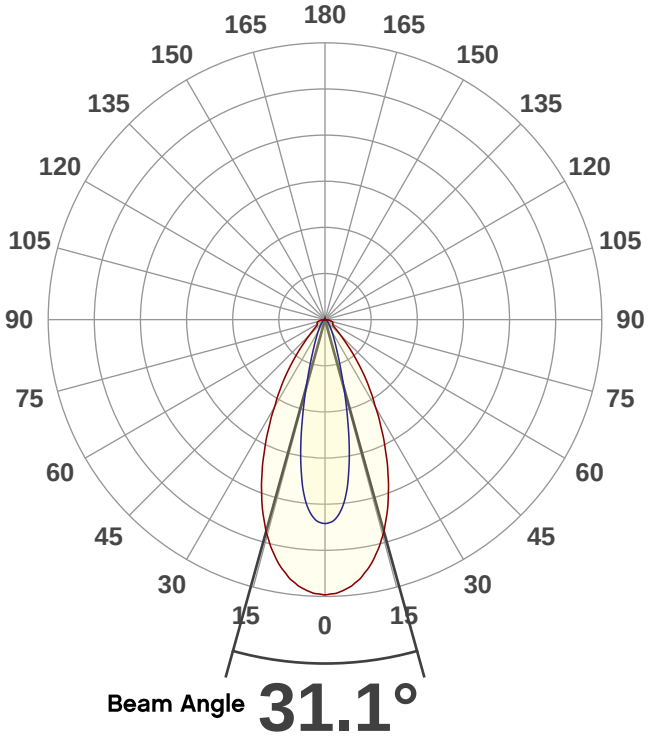
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

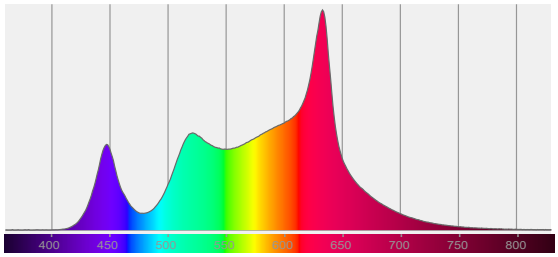
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Overall Measurement

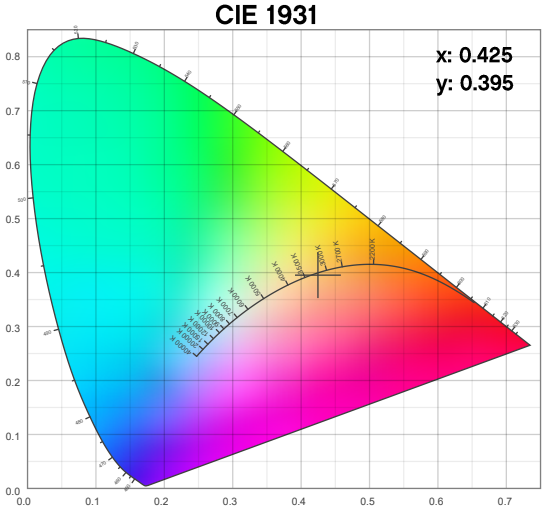
Angular Beam Distribution



Spectral Distribution



CIE 1931

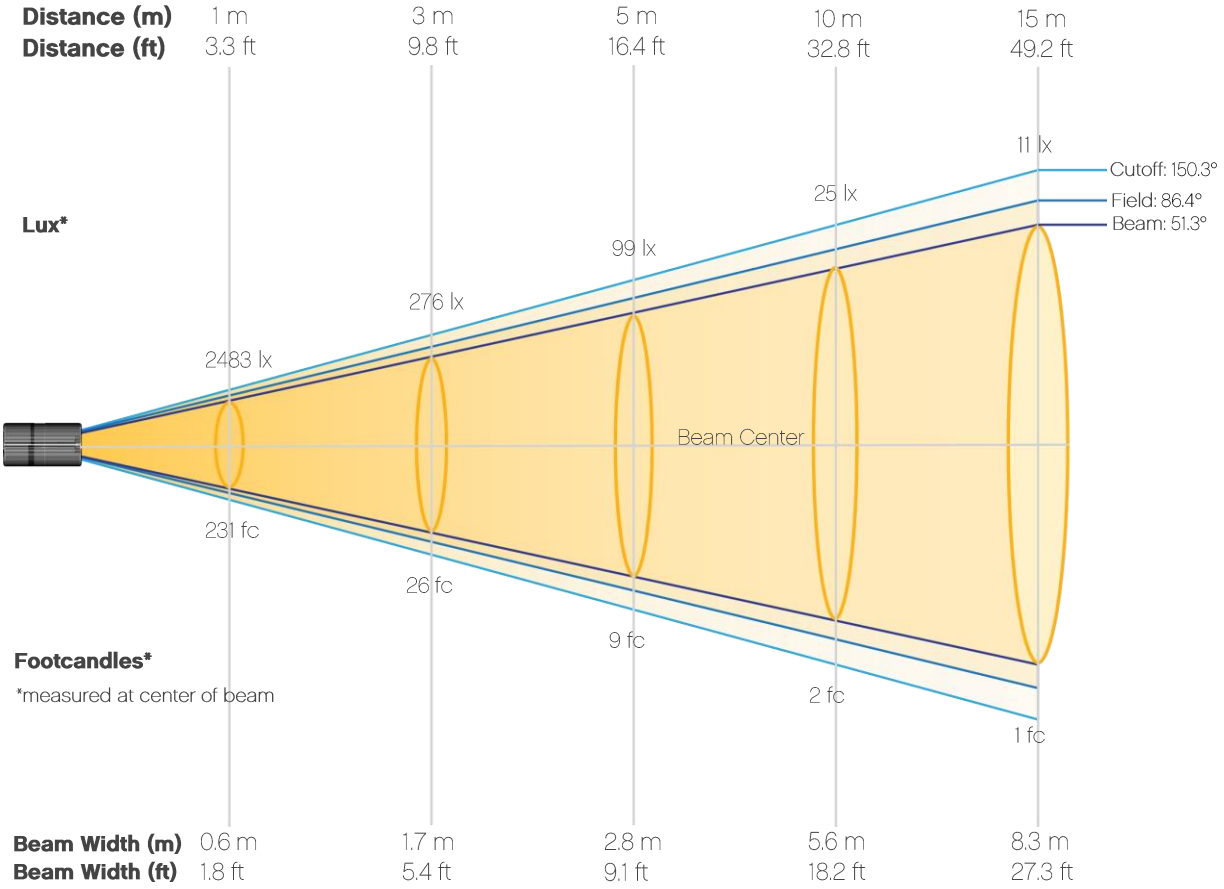


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Beam Details



Beam Iluminances from 1-20m (3.3-65.6ft)

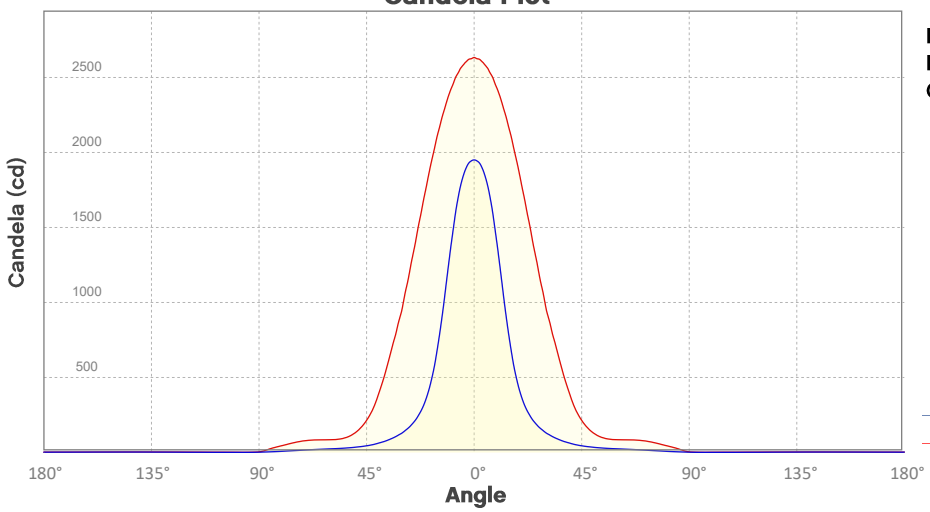
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2483	621	276	155	99	69	51	39	31	25
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	21	17	15	13	11	10	9	8	7	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	231	58	26	14	9	6	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

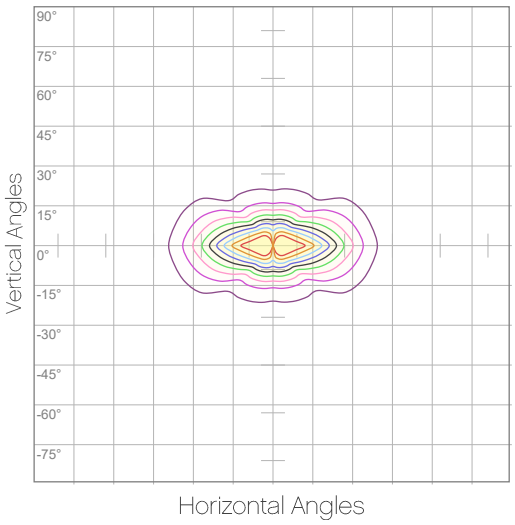
WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.4°
Cutoff Angle (3%): 105.6°

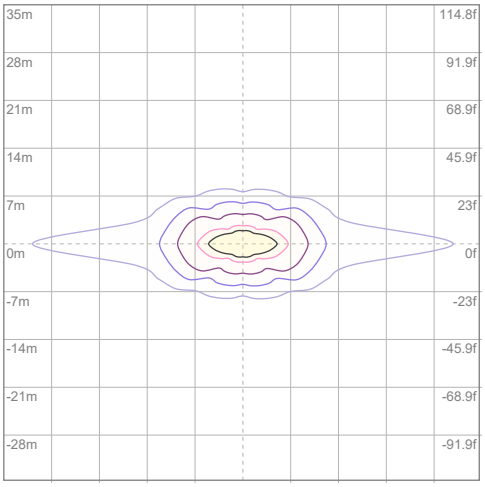
Polar Diagrams



iso-candela Diagram

10%	248 cd
20%	497 cd
30%	745 cd
40%	993 cd
50%	1241 cd
60%	1490 cd
70%	1738 cd
80%	1986 cd
90%	2234 cd

Conditions:
Number of c-planes: 8
Candela at center: 2483 cd



iso-illuminance Diagram

3%	0.745 lx
5%	1.24 lx
10%	2.48 lx
30%	7.45 lx
50%	12.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 24.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Report Summary

Output

Total Lumens: 755 lm
Peak Intensity: 1745 cd
Illuminance @ 5m: 65 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 149.6°
Vertical Cutoff Angle (3%): 87.1°



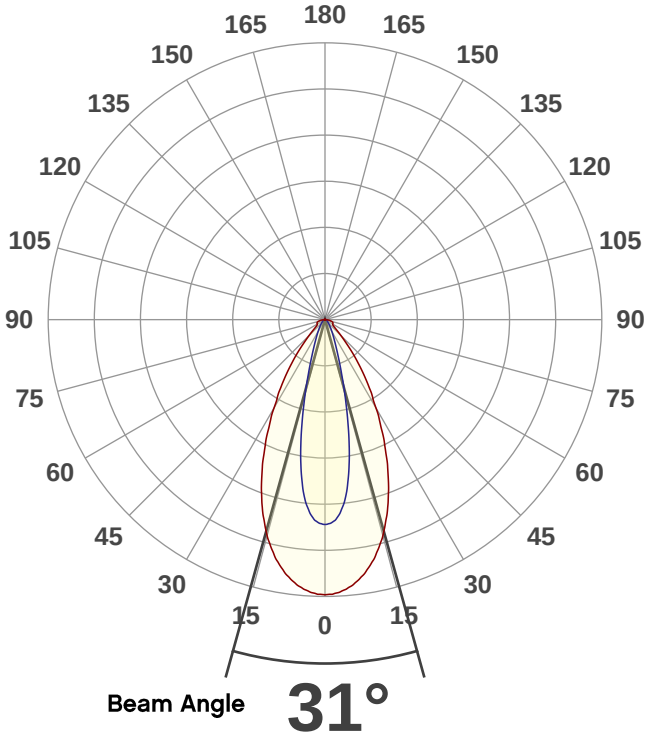
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

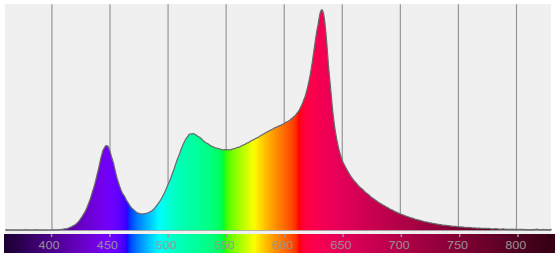
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Overall Measurement

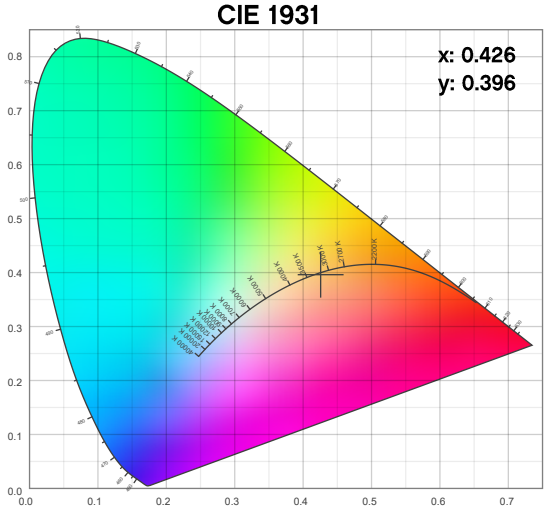
Angular Beam Distribution



Spectral Distribution



CIE 1931

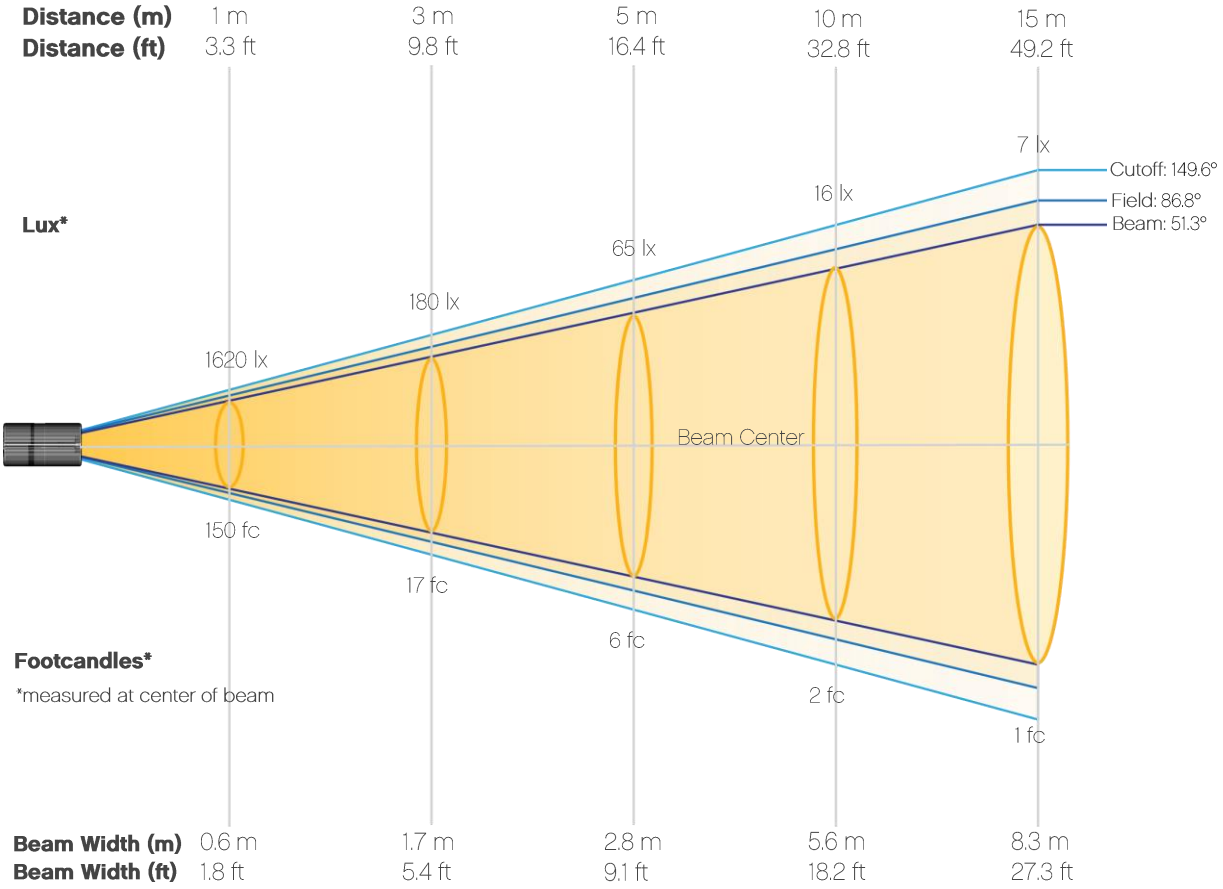


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

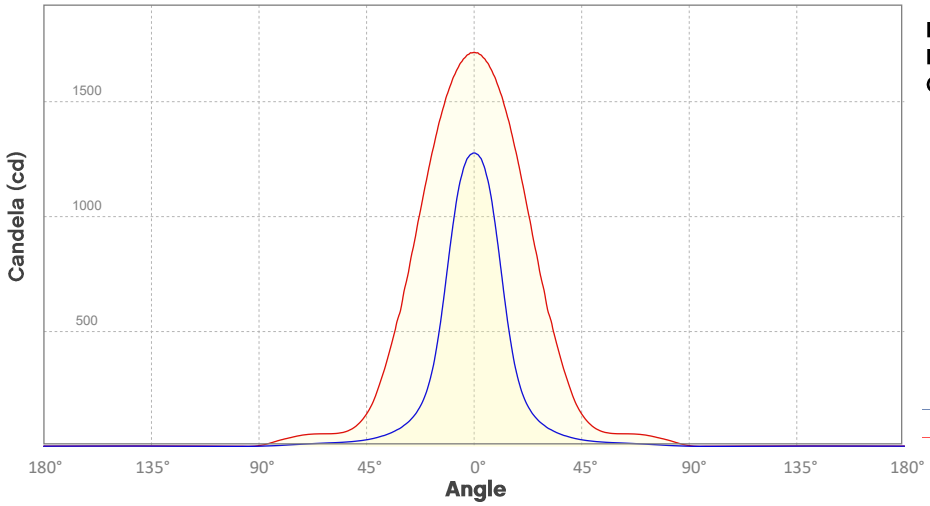
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1620	405	180	101	65	45	33	25	20	16
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	13	11	10	8	7	6	6	5	4	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	150	38	17	9	6	4	3	2	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	0	0	0

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Photometric Report

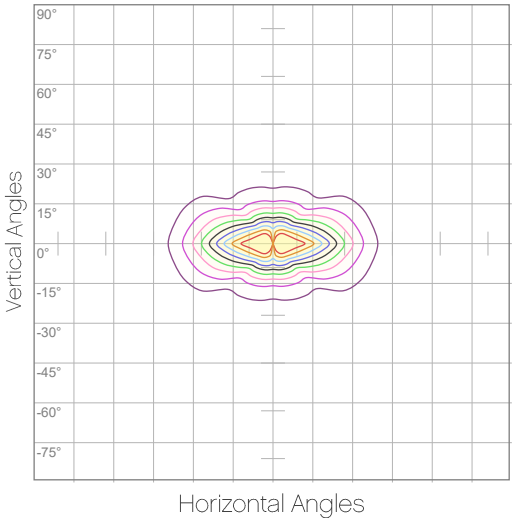
WELL Panel: Standard Optics-w/10x60 Filter Lens, 3200K

Candela Plot



Beam Angle (50%): 31°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.6°

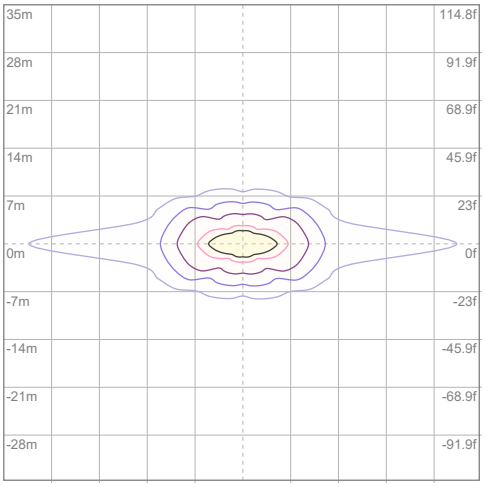
Polar Diagrams



iso-candela Diagram

10%	162 cd
20%	324 cd
30%	486 cd
40%	648 cd
50%	810 cd
60%	972 cd
70%	1134 cd
80%	1296 cd
90%	1458 cd

Conditions:
Number of c-planes: 8
Candela at center: 1620 cd



iso-illuminance Diagram

3%	0.486 lx
5%	0.810 lx
10%	1.62 lx
30%	4.86 lx
50%	8.10 lx

Conditions:
Number of c-planes: 8
Lux at center: 16.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Report Summary

Output

Total Lumens: 3722 lm
Peak Intensity: 8639 cd
Illuminance @ 5m: 317 lux
Fixture Efficacy: 13 lm/W

Optical

Horizontal Beam Angle (50%): 50.7°
Vertical Beam Angle (50%): 26.9°
Horizontal Field Angle (10%): 86.3°
Vertical Field Angle (10%): 52.6°
Horizontal Cutoff Angle (3%): 149.2°
Vertical Cutoff Angle (3%): 89.1°



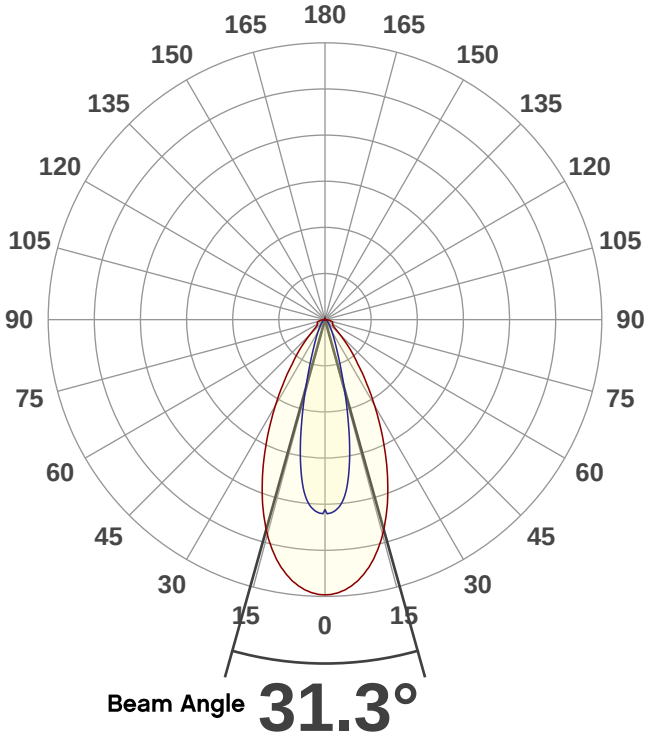
Conditions

AC Supply: 119 V, 60 Hz
Power: 283.82 W
Current: 2.38 A
Power Factor: 1.0

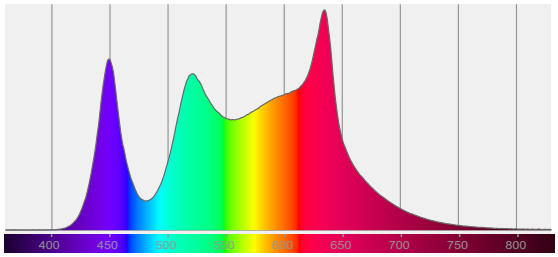
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Overall Measurement

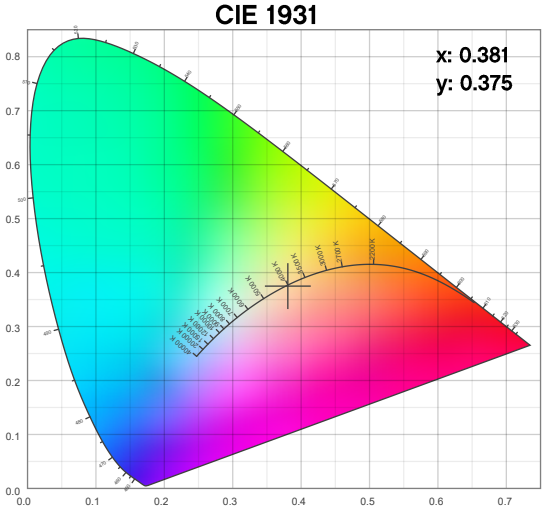
Angular Beam Distribution



Spectral Distribution



CIE 1931

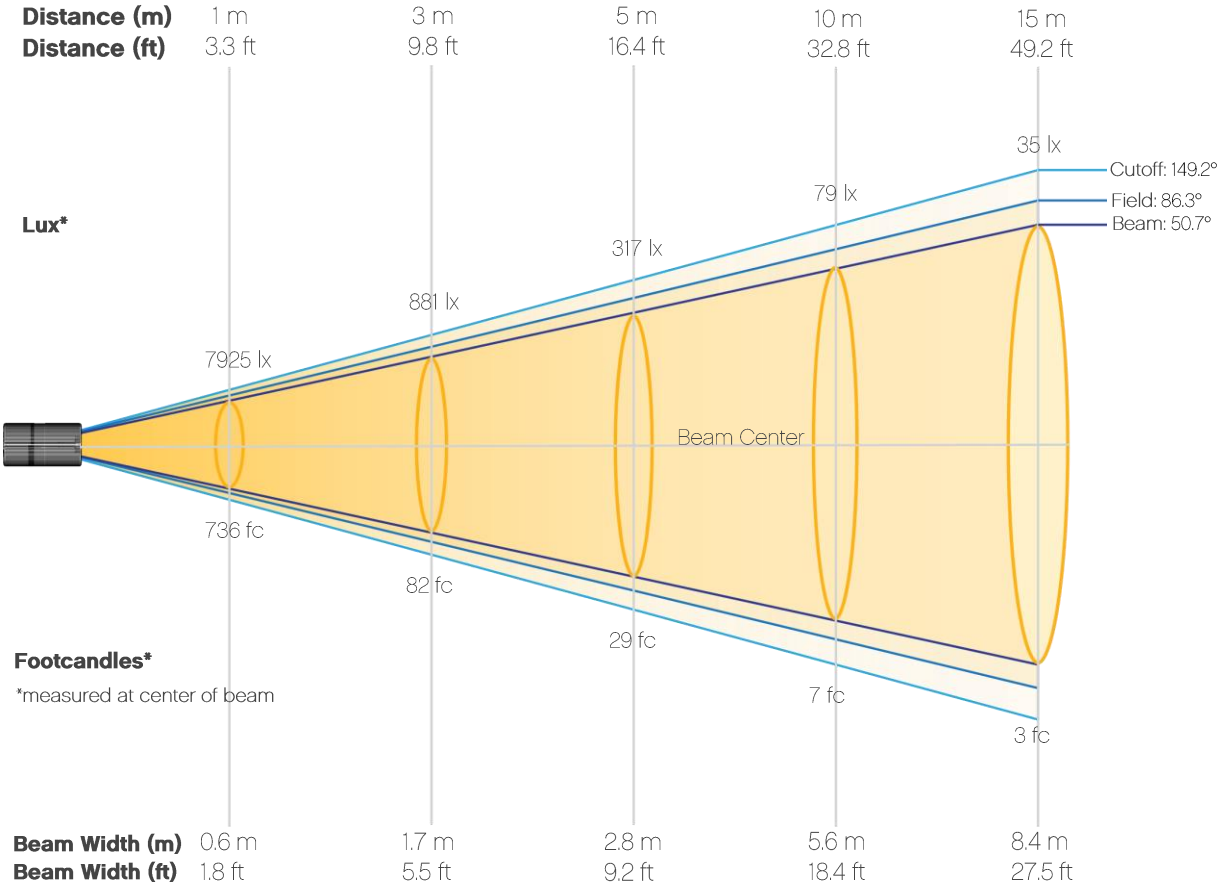


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

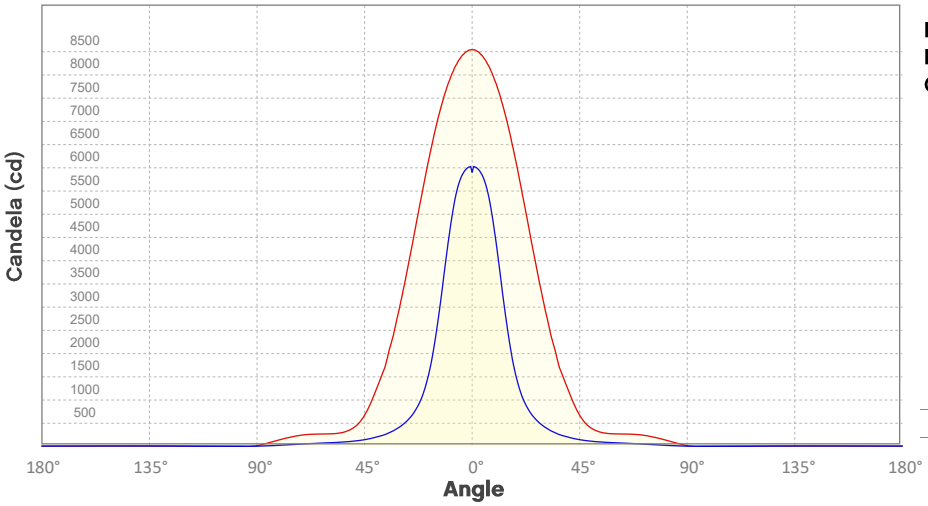
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7925	1981	881	495	317	220	162	124	98	79
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	65	55	47	40	35	31	27	24	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	736	184	82	46	29	20	15	12	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

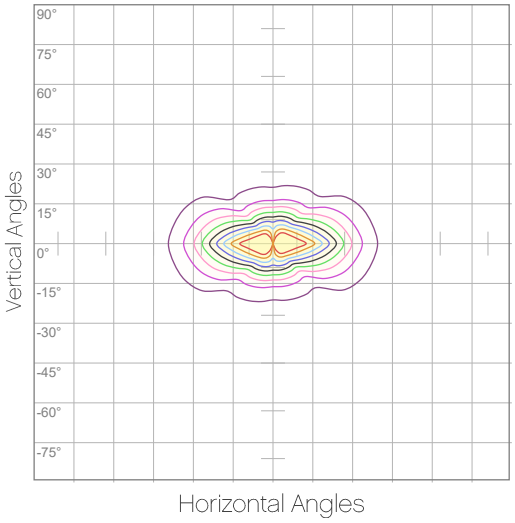
Candela Plot



Beam Angle (50%): 31.3°
Field Angle (10%): 60.8°
Cutoff Angle (3%): 106°

Horizontal Distribution
Vertical Distribution

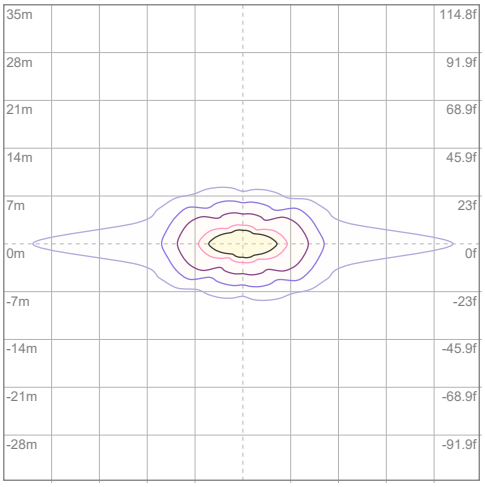
Polar Diagrams



iso-candela Diagram

10%	792 cd
20%	1585 cd
30%	2377 cd
40%	3170 cd
50%	3962 cd
60%	4755 cd
70%	5547 cd
80%	6340 cd
90%	7132 cd

Conditions:
Number of c-planes: 8
Candela at center: 7925 cd



iso-illuminance Diagram

3%	2.38 lx
5%	3.96 lx
10%	7.92 lx
30%	23.8 lx
50%	39.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 79.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Report Summary

Output

Total Lumens: 3689 lm
Peak Intensity: 8575 cd
Illuminance @ 5m: 317 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 149.8°
Vertical Cutoff Angle (3%): 87.5°



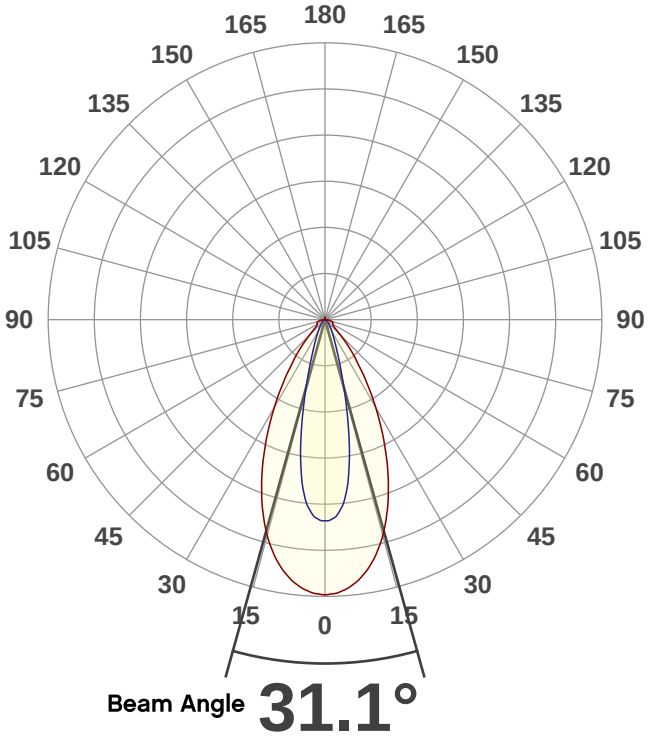
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

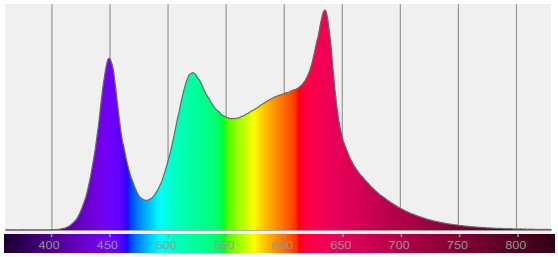
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Overall Measurement

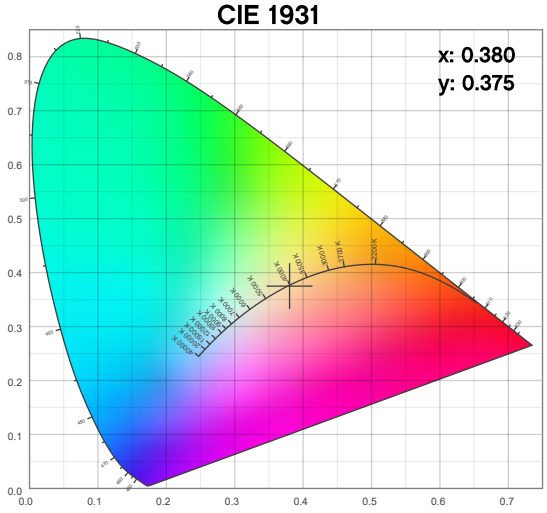
Angular Beam Distribution



Spectral Distribution



CIE 1931

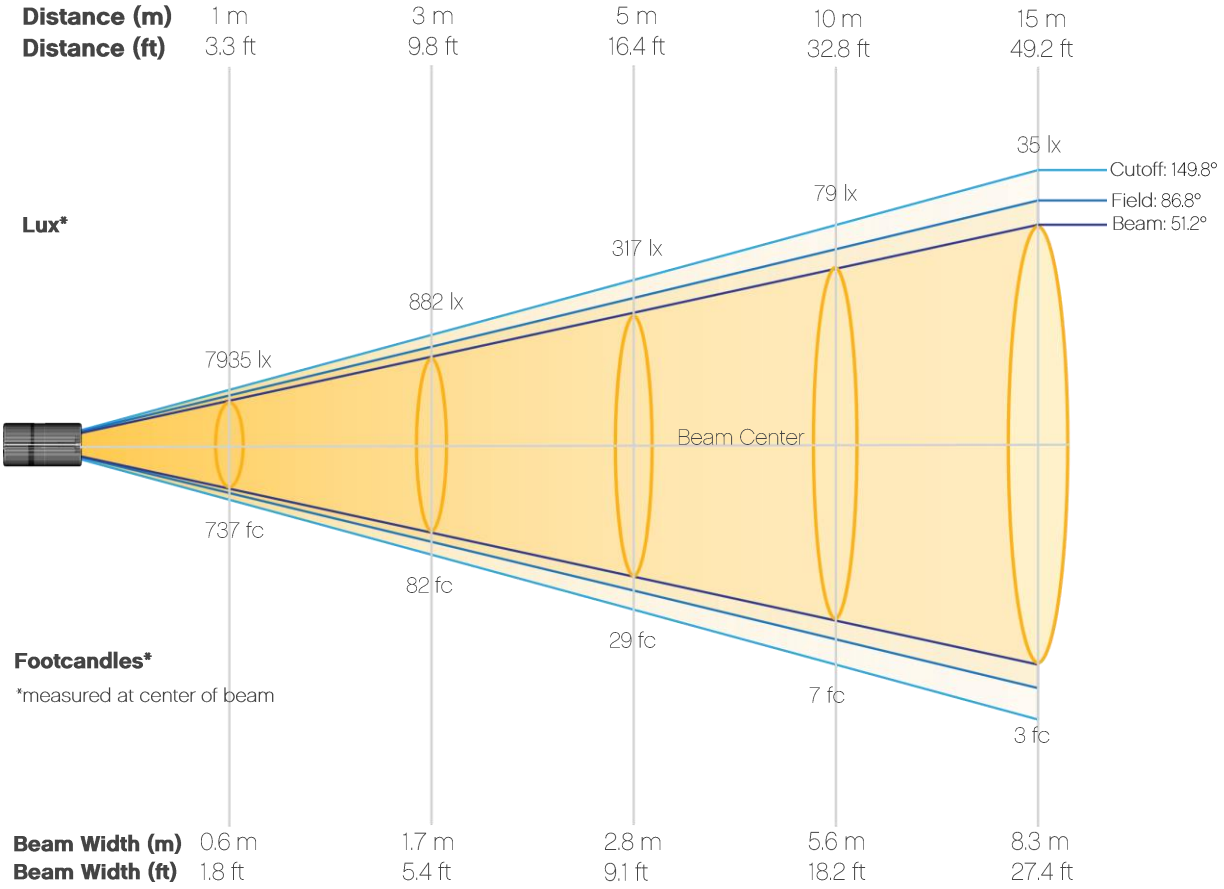


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

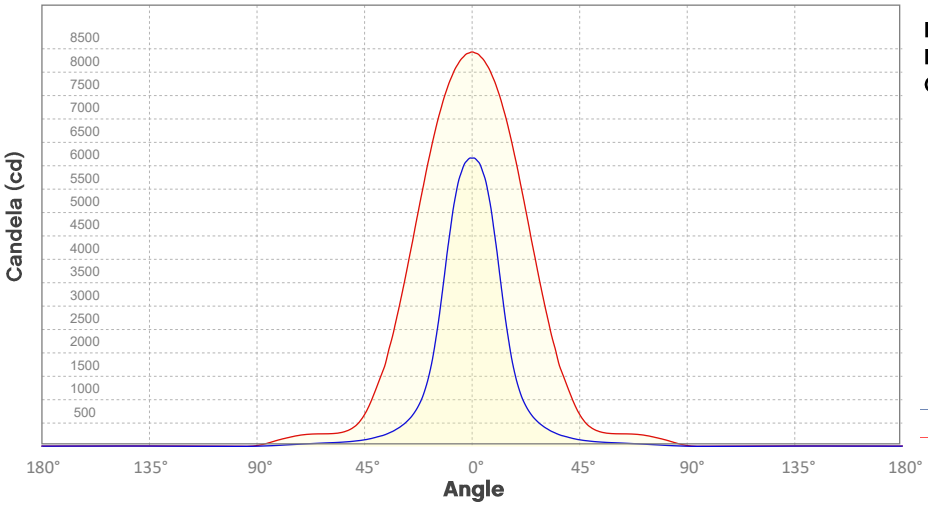
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7935	1984	882	496	317	220	162	124	98	79
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	66	55	47	40	35	31	27	24	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	737	184	82	46	29	20	15	12	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

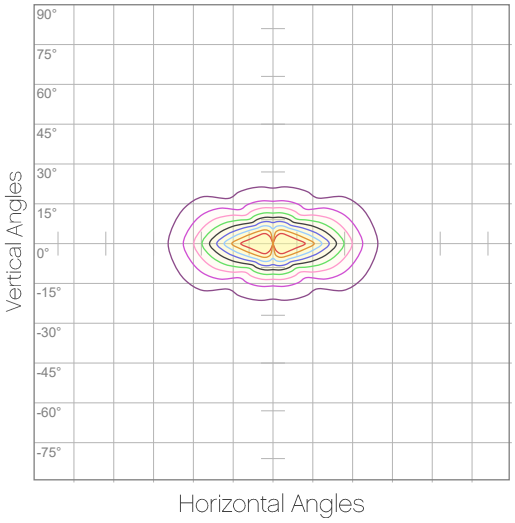
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 105.6°

Horizontal Distribution
Vertical Distribution

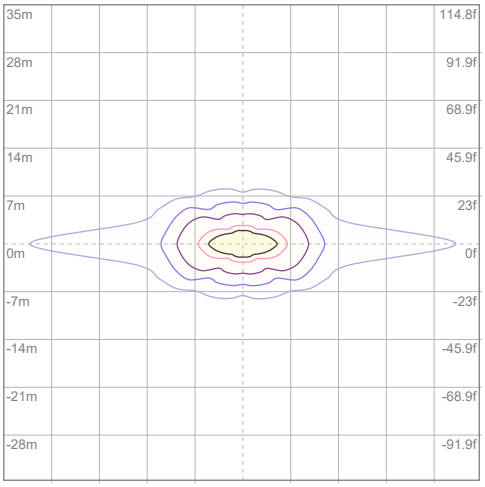
Polar Diagrams



iso-candela Diagram

10%	793 cd
20%	1587 cd
30%	2380 cd
40%	3174 cd
50%	3967 cd
60%	4761 cd
70%	5554 cd
80%	6348 cd
90%	7141 cd

Conditions:
Number of c-planes: 8
Candela at center: 7935 cd



iso-illuminance Diagram

3%	2.38 lx
5%	3.97 lx
10%	7.93 lx
30%	23.8 lx
50%	39.7 lx

Conditions:
Number of c-planes: 8
Lux at center: 79.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Report Summary

Output

Total Lumens: 1927 lm
Peak Intensity: 4457 cd
Illuminance @ 5m: 164 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.9°
Vertical Field Angle (10%): 51.6°
Horizontal Cutoff Angle (3%): 150°
Vertical Cutoff Angle (3%): 87.7°



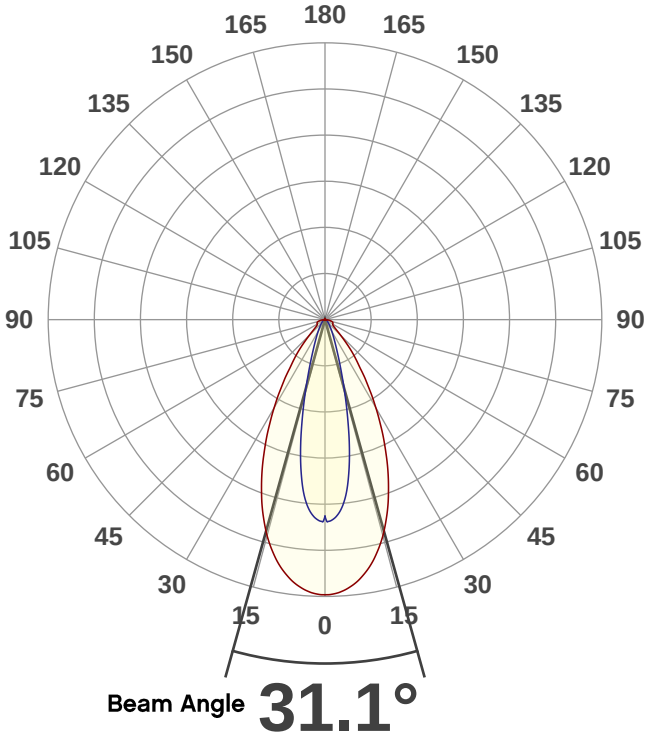
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

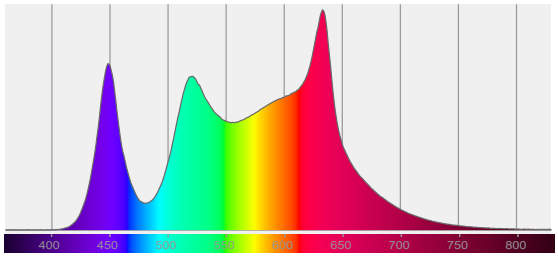
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Overall Measurement

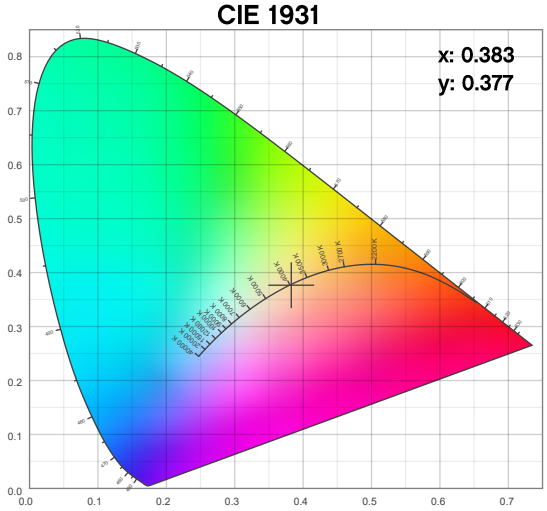
Angular Beam Distribution



Spectral Distribution



CIE 1931

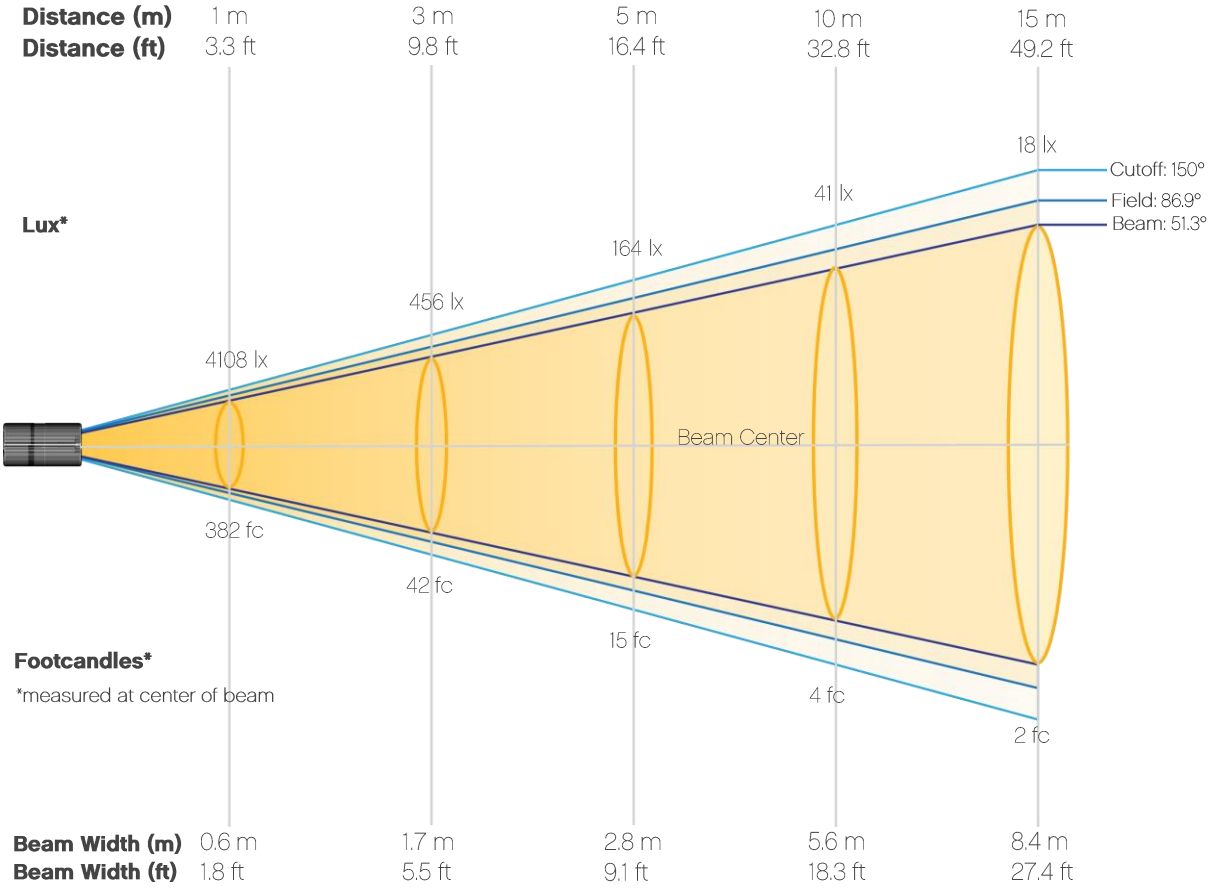


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

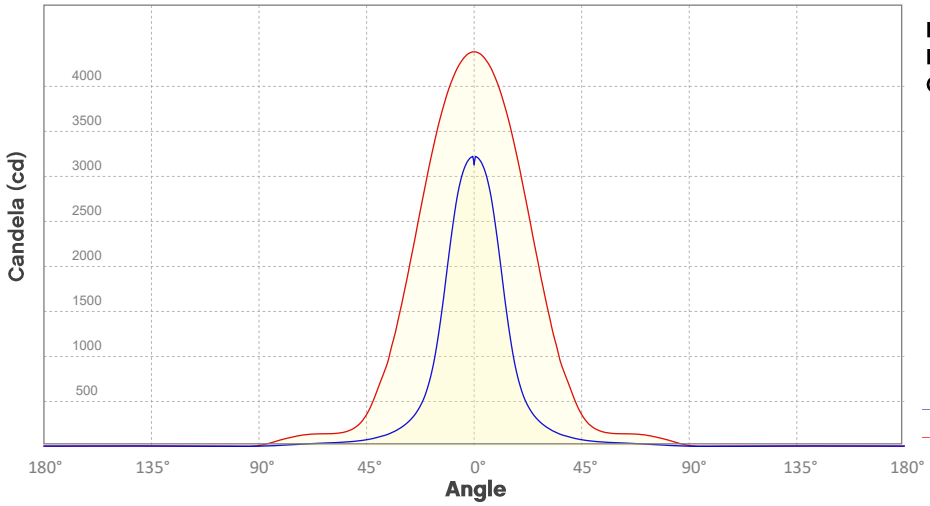
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4108	1027	456	257	164	114	84	64	51	41
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	34	29	24	21	18	16	14	13	11	10
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	382	95	42	24	15	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

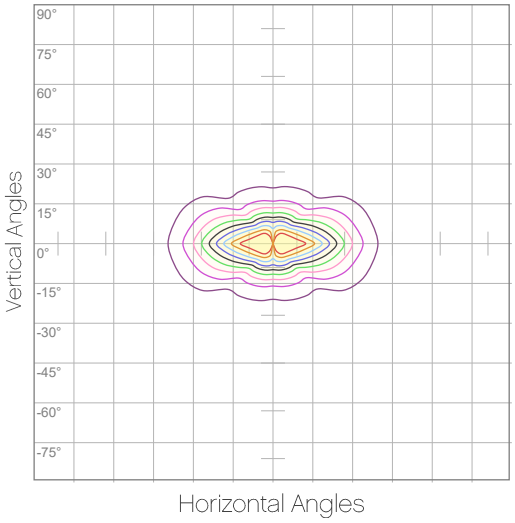
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 105.9°

Horizontal Distribution
Vertical Distribution

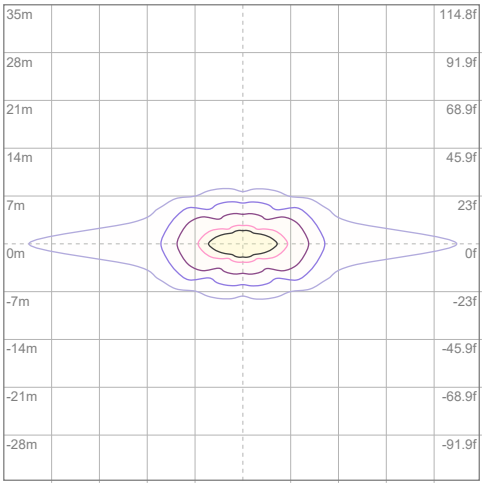
Polar Diagrams



iso-candela Diagram

10%	411 cd
20%	822 cd
30%	1232 cd
40%	1643 cd
50%	2054 cd
60%	2465 cd
70%	2876 cd
80%	3287 cd
90%	3697 cd

Conditions:
Number of c-planes: 8
Candela at center: 4108 cd



iso-illuminance Diagram

3%	1.23 lx
5%	2.05 lx
10%	4.11 lx
30%	12.3 lx
50%	20.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 41.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Report Summary

Output

Total Lumens: 1212 lm
Peak Intensity: 2808 cd
Illuminance @ 5m: 104 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 86.6°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 149.9°
Vertical Cutoff Angle (3%): 87°



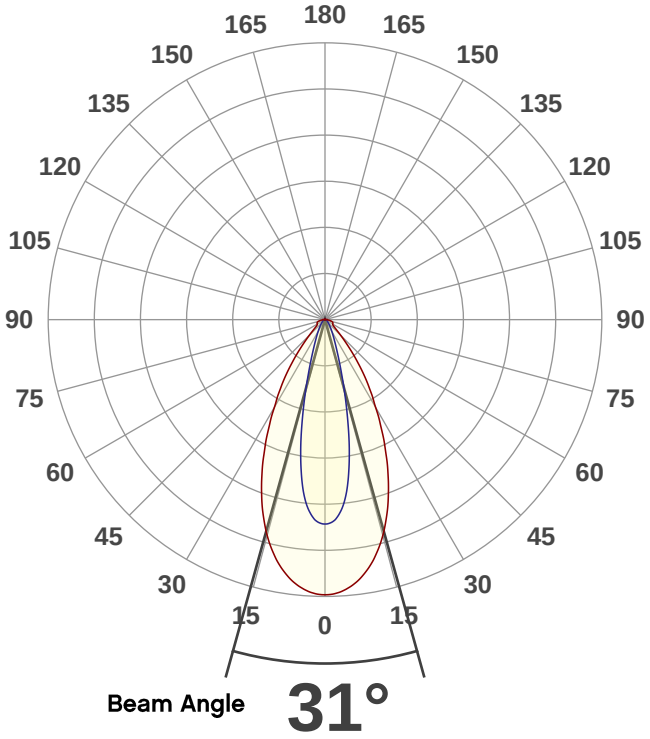
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

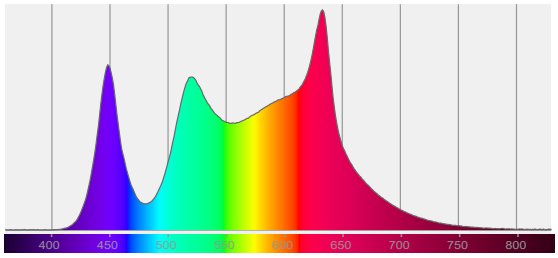
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Overall Measurement

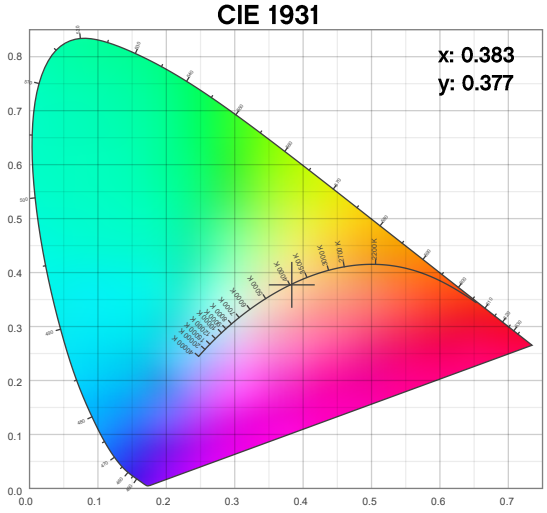
Angular Beam Distribution



Spectral Distribution



CIE 1931

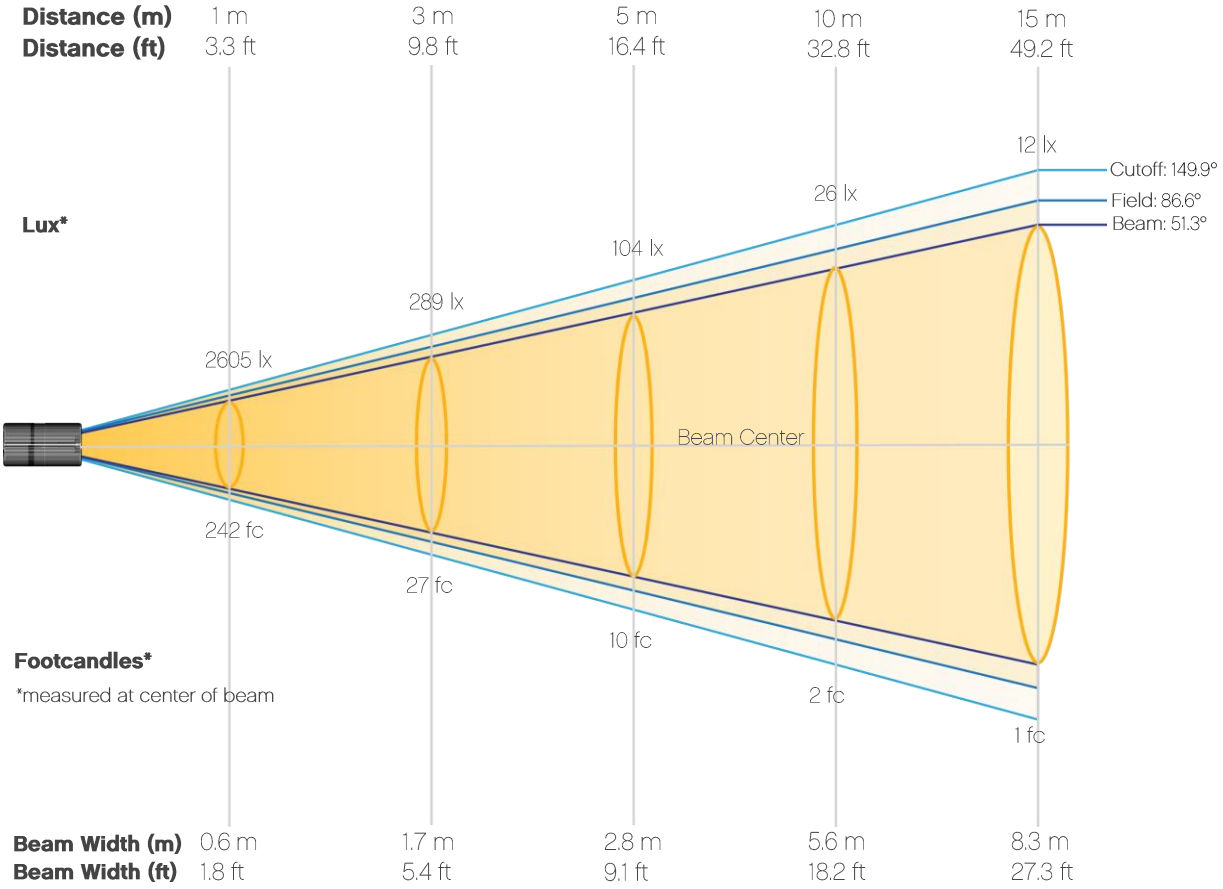


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

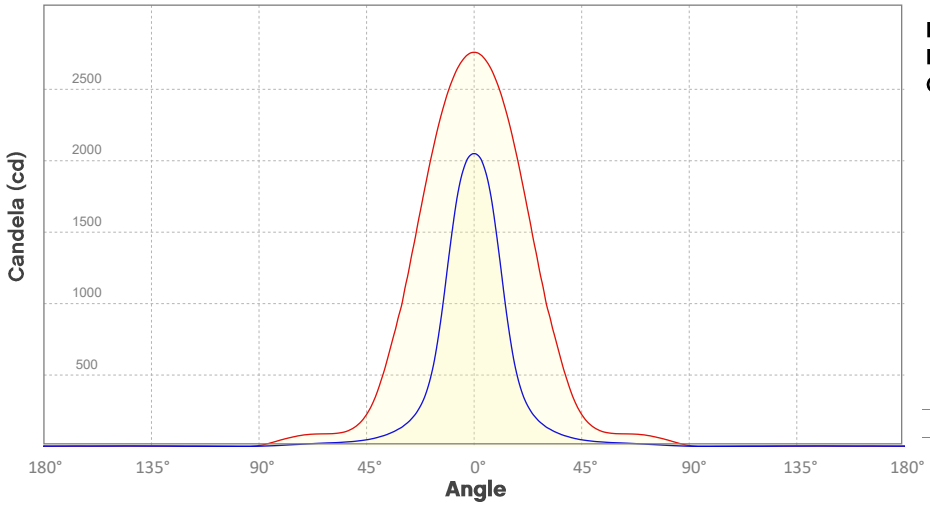
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2605	651	289	163	104	72	53	41	32	26
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	22	18	15	13	12	10	9	8	7	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	242	61	27	15	10	7	5	4	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	1	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

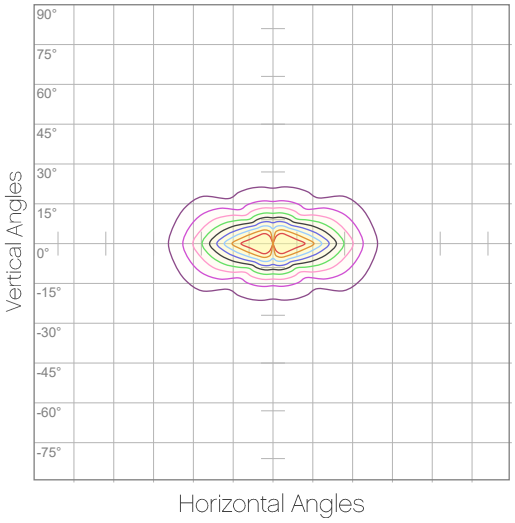
Candela Plot



Beam Angle (50%): 31°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.6°

Horizontal Distribution
Vertical Distribution

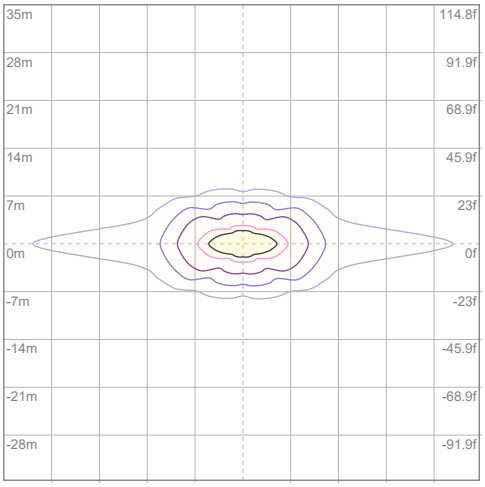
Polar Diagrams



iso-candela Diagram

10%	261 cd
20%	521 cd
30%	782 cd
40%	1042 cd
50%	1303 cd
60%	1563 cd
70%	1824 cd
80%	2084 cd
90%	2345 cd

Conditions:
Number of c-planes: 8
Candela at center: 2605 cd



iso-illuminance Diagram

3%	0.782 lx
5%	1.30 lx
10%	2.61 lx
30%	7.82 lx
50%	13.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 26.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Report Summary

Output

Total Lumens: 791 lm
Peak Intensity: 1830 cd
Illuminance @ 5m: 68 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 150.1°
Vertical Cutoff Angle (3%): 86.9°



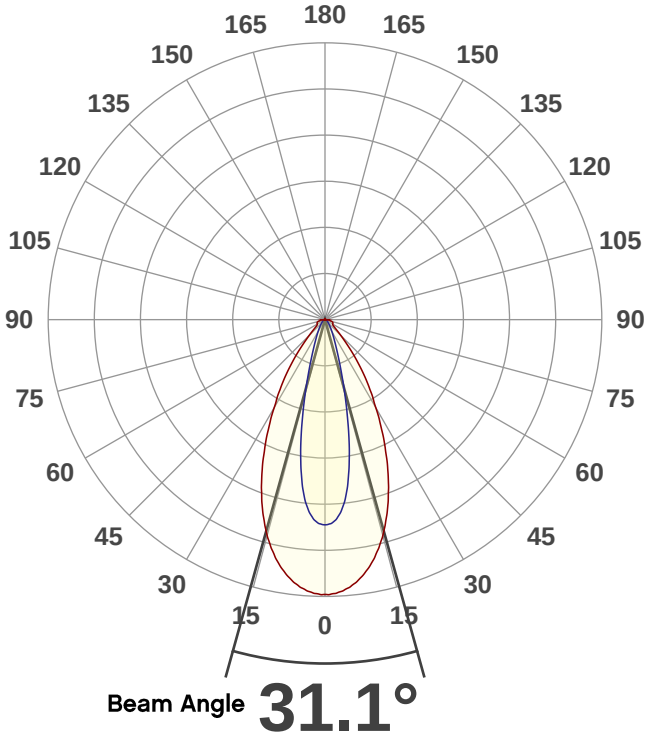
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

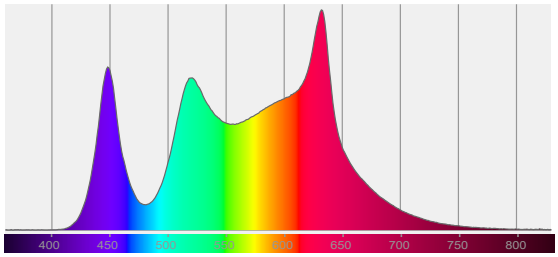
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Overall Measurement

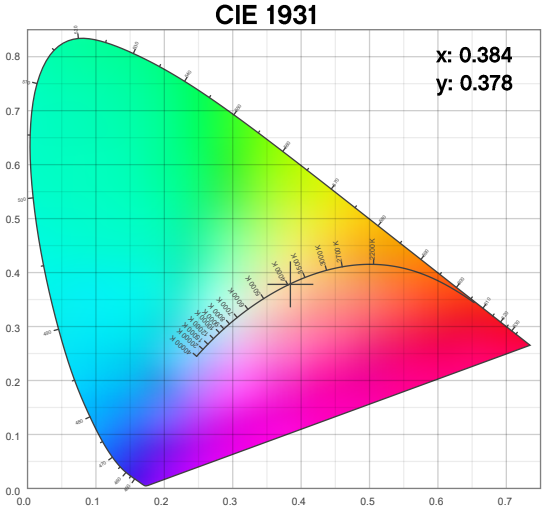
Angular Beam Distribution



Spectral Distribution



CIE 1931

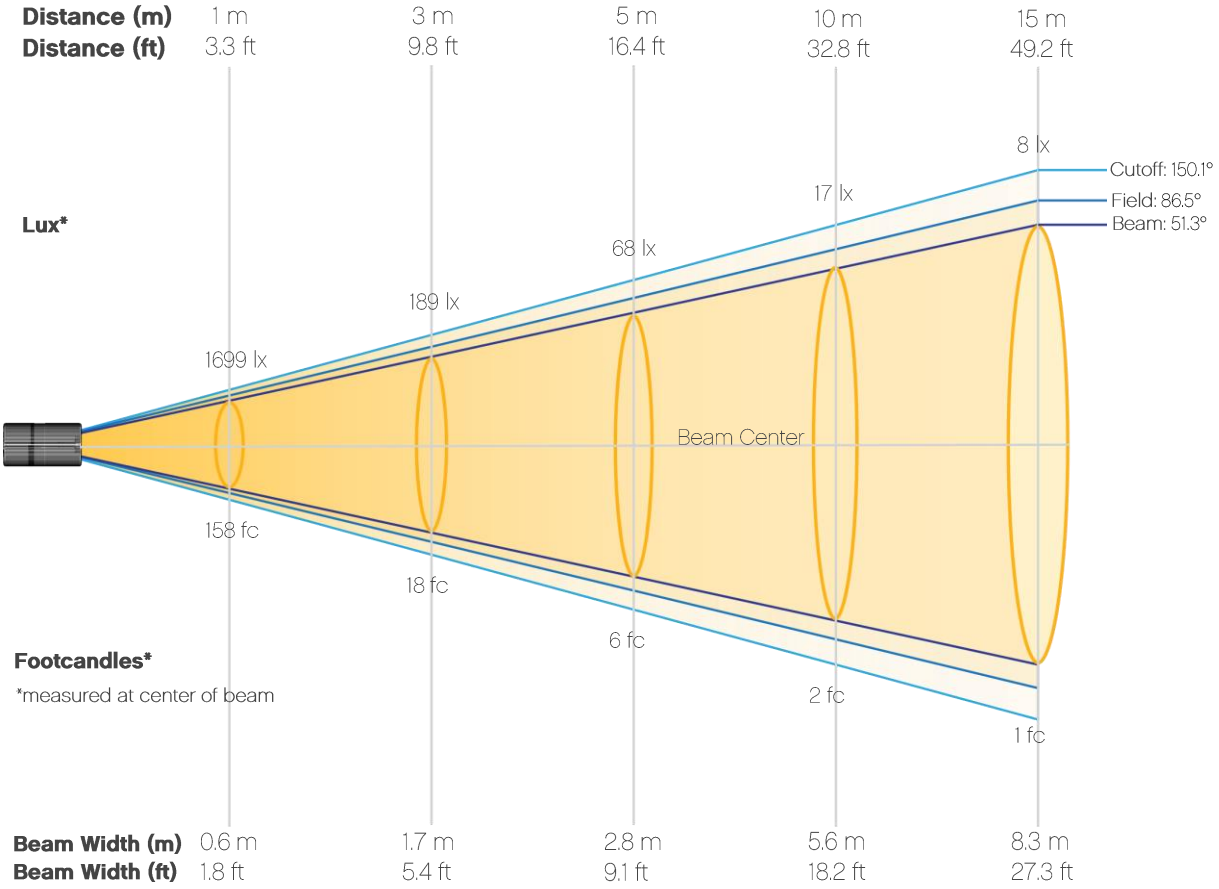


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

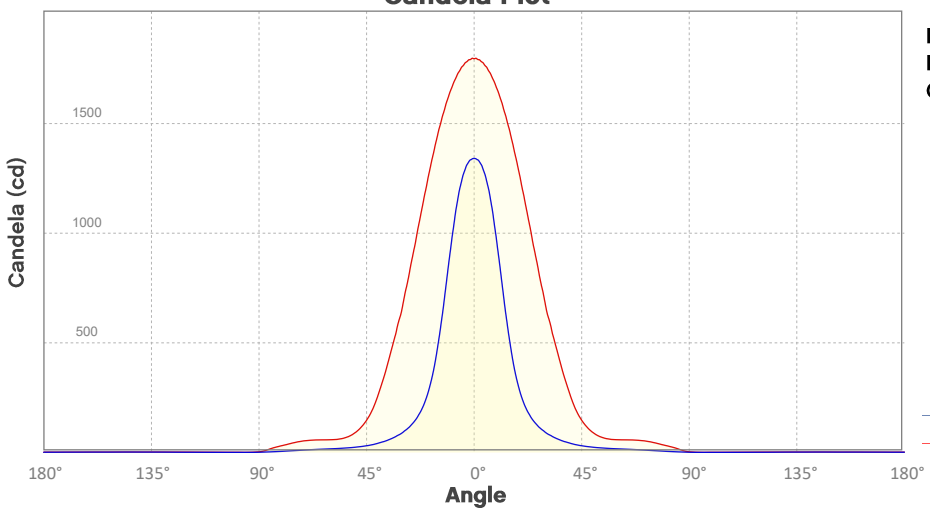
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1699	425	189	106	68	47	35	27	21	17
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	14	12	10	9	8	7	6	5	5	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	158	39	18	10	6	4	3	2	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	0	0	0

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Photometric Report

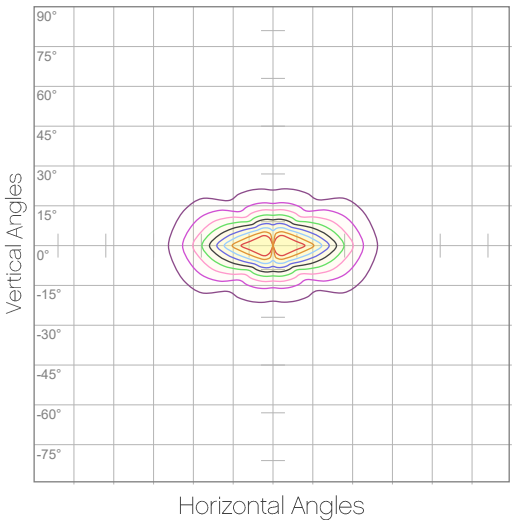
WELL Panel: Standard Optics-w/10x60 Filter Lens, 4000K

Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.7°

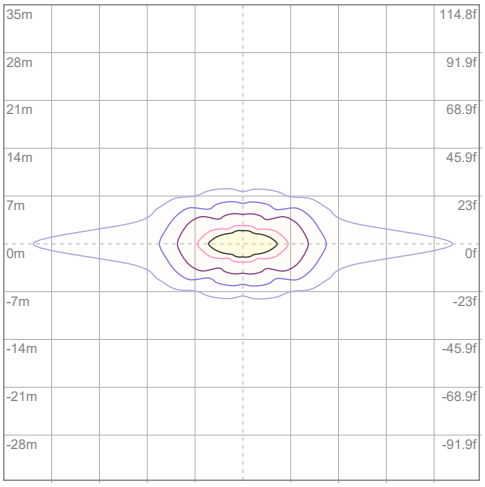
Polar Diagrams



iso-candela Diagram

10%	170 cd
20%	340 cd
30%	510 cd
40%	680 cd
50%	849 cd
60%	1019 cd
70%	1189 cd
80%	1359 cd
90%	1529 cd

Conditions:
Number of c-planes: 8
Candela at center: 1699 cd



iso-illuminance Diagram

3%	0.510 lx
5%	0.849 lx
10%	1.70 lx
30%	5.10 lx
50%	8.49 lx

Conditions:
Number of c-planes: 8
Lux at center: 17.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Report Summary

Output

Total Lumens: 4010 lm
Peak Intensity: 9304 cd
Illuminance @ 5m: 343 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 50.6°
Vertical Beam Angle (50%): 26.8°
Horizontal Field Angle (10%): 86.4°
Vertical Field Angle (10%): 52.5°
Horizontal Cutoff Angle (3%): 149.2°
Vertical Cutoff Angle (3%): 89°



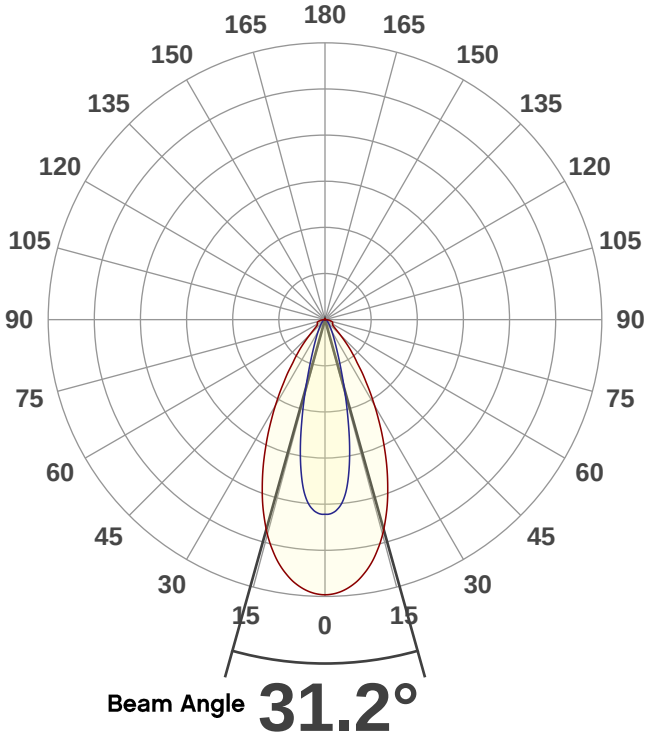
Conditions

AC Supply: 120 V, 60 Hz
Power: 284.77 W
Current: 2.38 A
Power Factor: 1.0

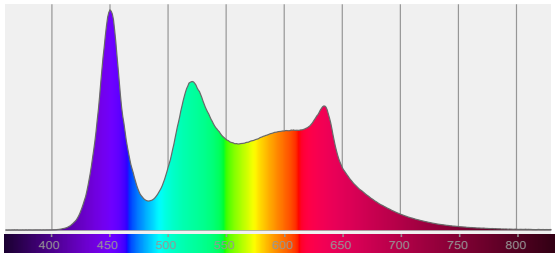
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Overall Measurement

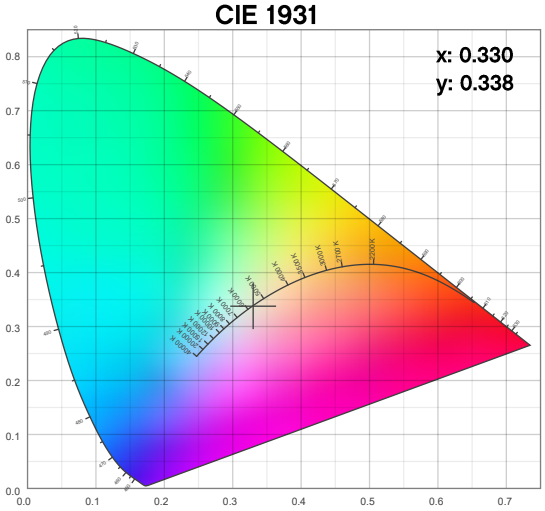
Angular Beam Distribution



Spectral Distribution



CIE 1931

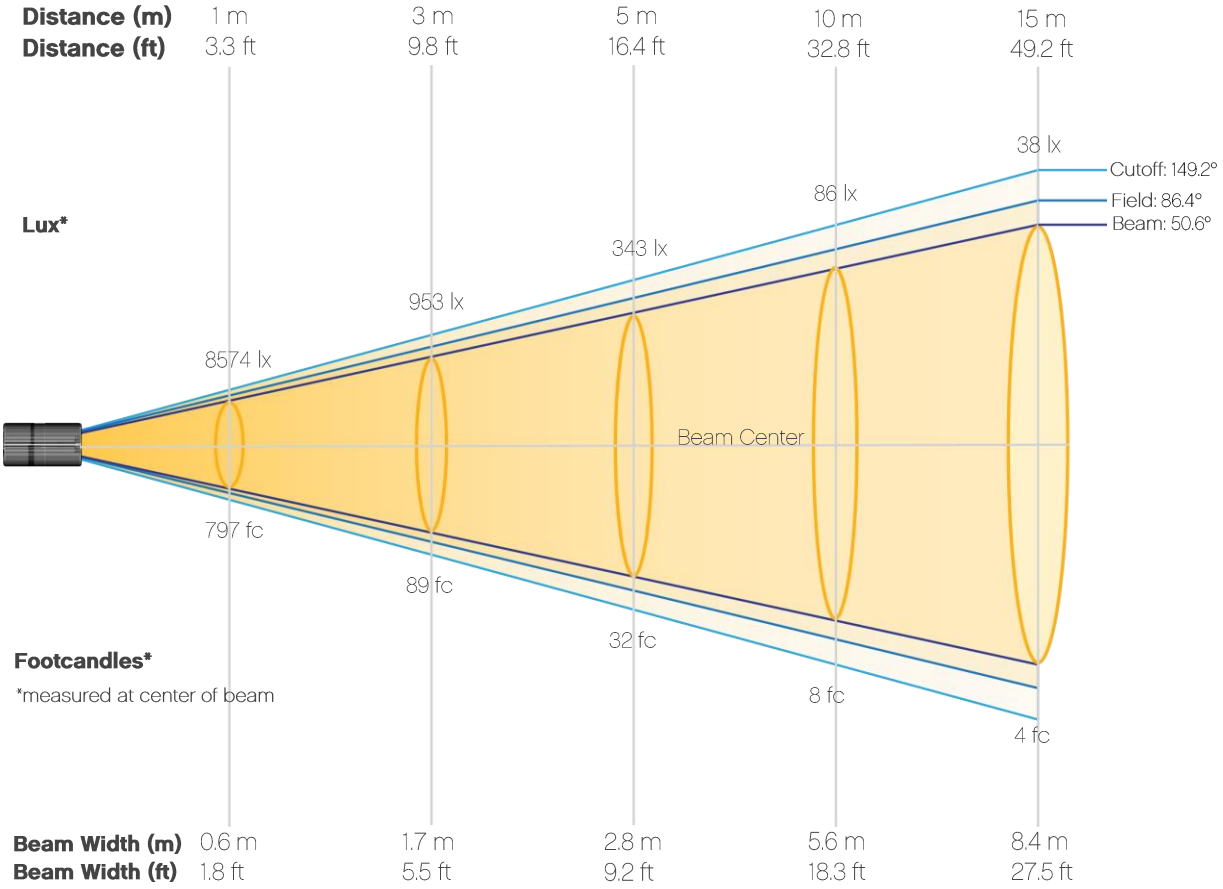


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

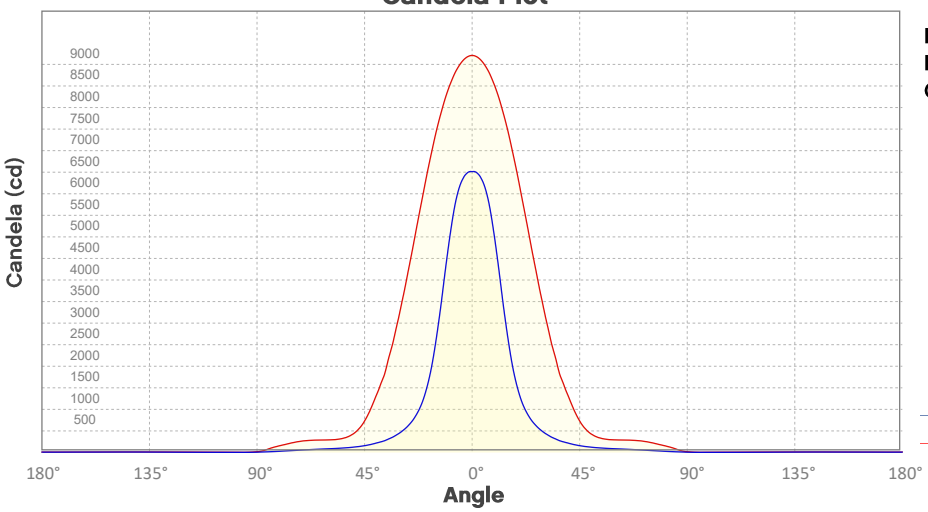
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8574	2143	953	536	343	238	175	134	106	86
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	71	60	51	44	38	33	30	26	24	21
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	797	199	89	50	32	22	16	12	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

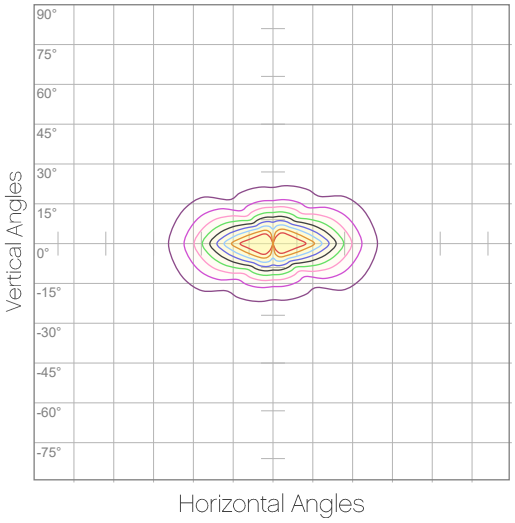
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 60.8°
Cutoff Angle (3%): 106°

Horizontal Distribution
Vertical Distribution

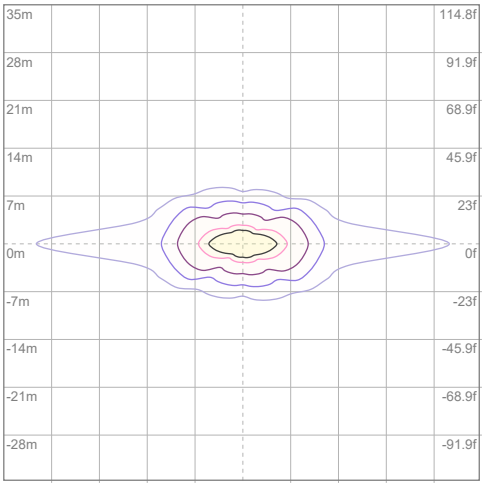
Polar Diagrams



iso-candela Diagram

10%	857 cd
20%	1715 cd
30%	2572 cd
40%	3429 cd
50%	4287 cd
60%	5144 cd
70%	6002 cd
80%	6859 cd
90%	7716 cd

Conditions:
Number of c-planes: 8
Candela at center: 8574 cd



iso-illuminance Diagram

3%	2.57 lx
5%	4.29 lx
10%	8.57 lx
30%	25.7 lx
50%	42.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 85.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Report Summary

Output

Total Lumens: 3982 lm
Peak Intensity: 9241 cd
Illuminance @ 5m: 341 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 86.8°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 150.3°
Vertical Cutoff Angle (3%): 87.6°



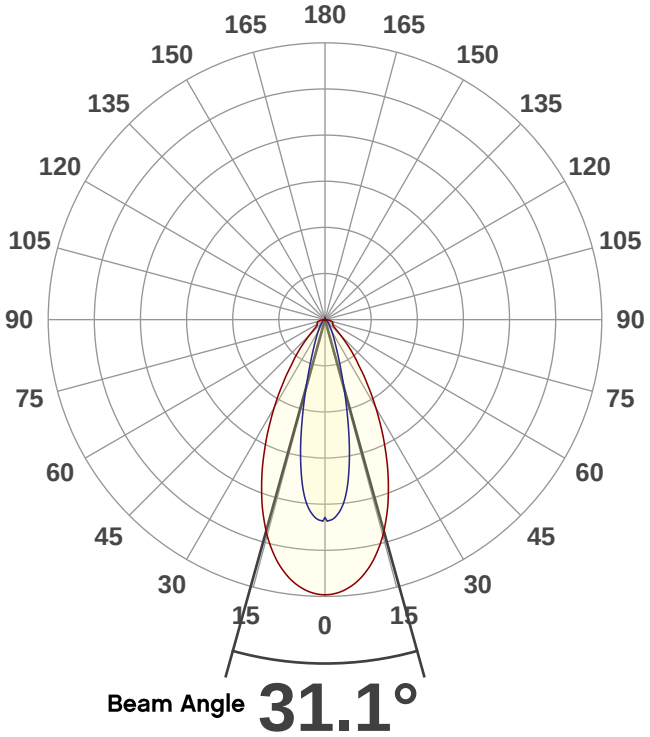
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

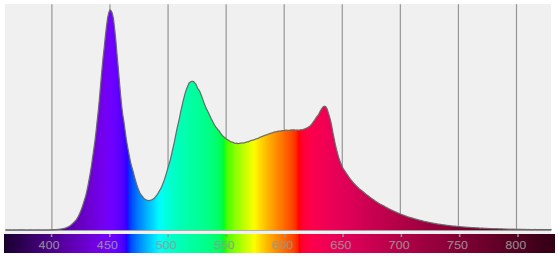
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Overall Measurement

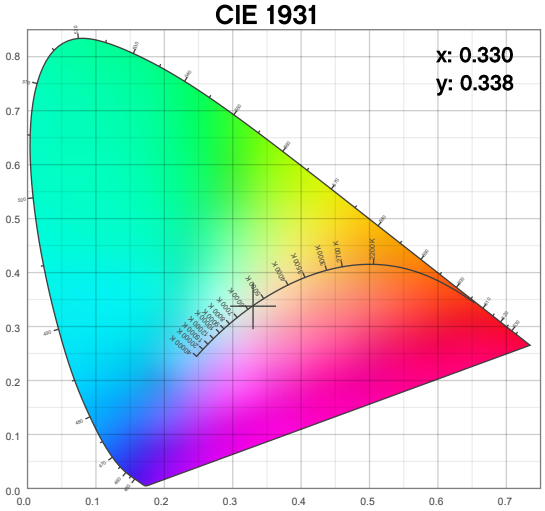
Angular Beam Distribution



Spectral Distribution



CIE 1931

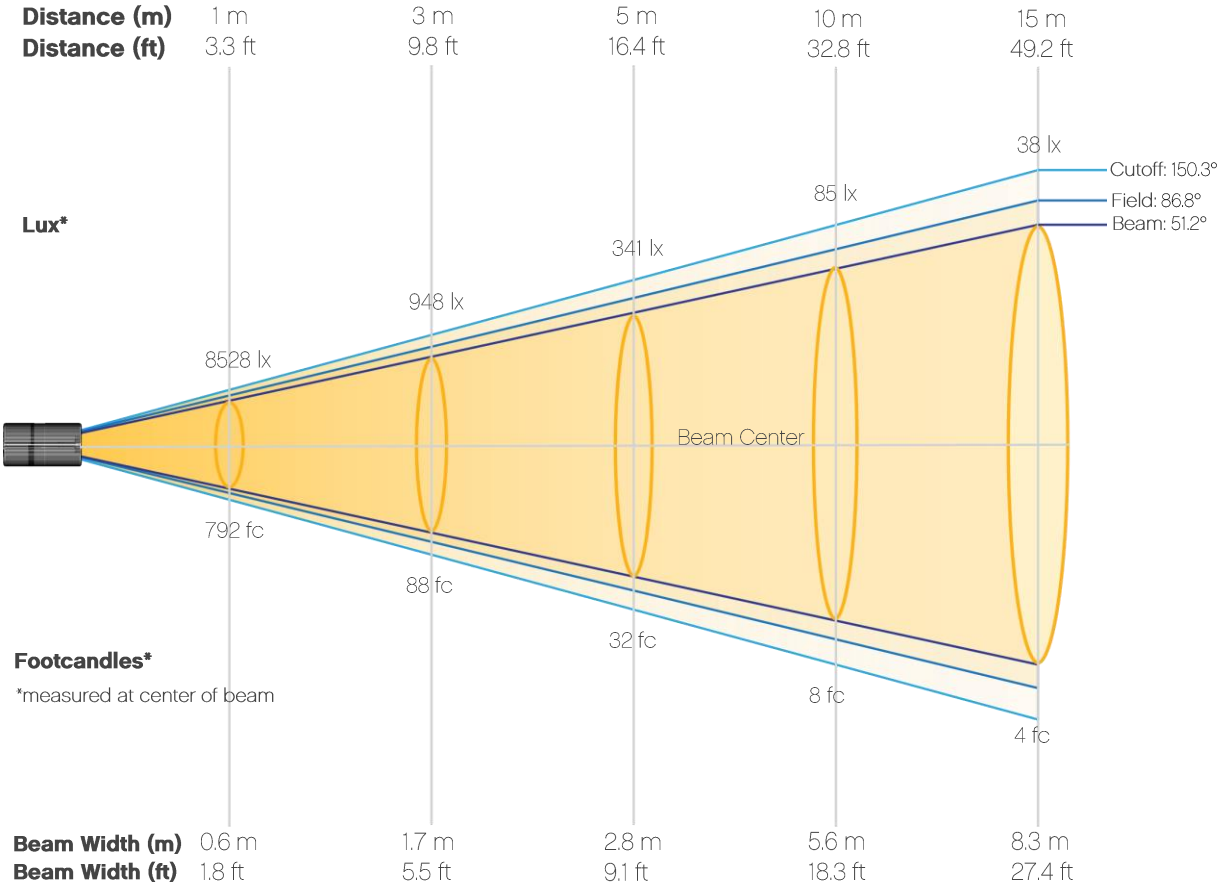


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

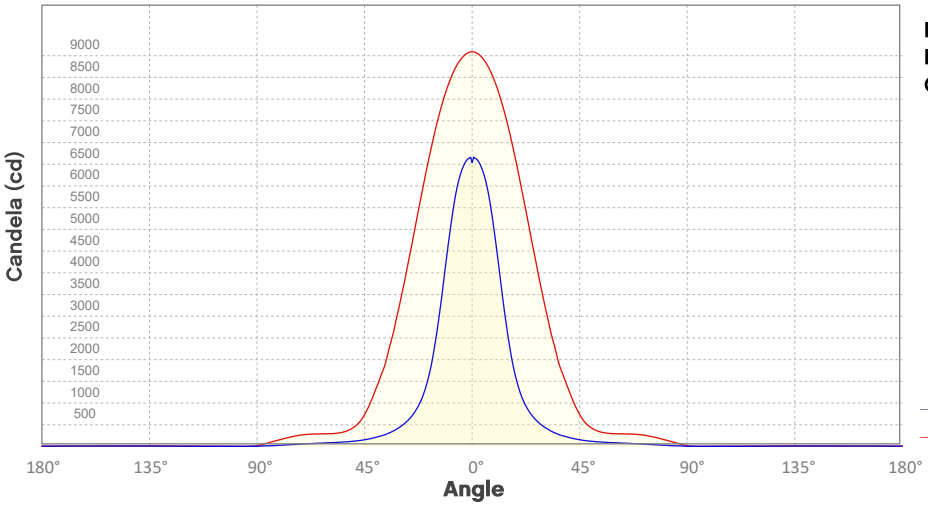
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8528	2132	948	533	341	237	174	133	105	85
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	70	59	50	44	38	33	30	26	24	21
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	792	198	88	50	32	22	16	12	10	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	2	2	2

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

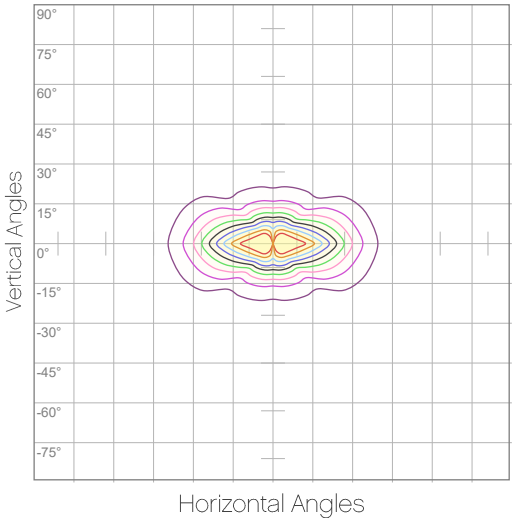
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 105.9°

Horizontal Distribution
Vertical Distribution

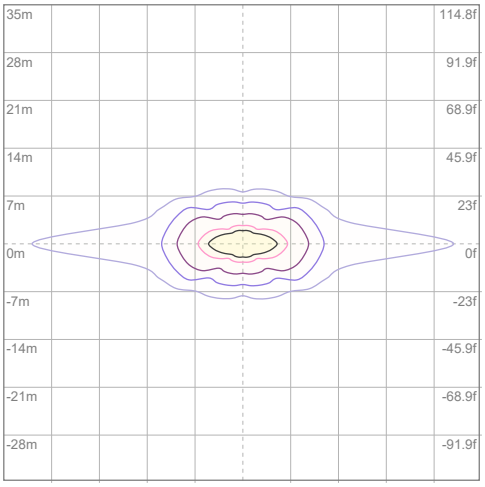
Polar Diagrams



iso-candela Diagram

10%	853 cd
20%	1706 cd
30%	2558 cd
40%	3411 cd
50%	4264 cd
60%	5117 cd
70%	5969 cd
80%	6822 cd
90%	7675 cd

Conditions:
Number of c-planes: 8
Candela at center: 8528 cd



iso-illuminance Diagram

3%	2.56 lx
5%	4.26 lx
10%	8.53 lx
30%	25.6 lx
50%	42.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 85.3 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Report Summary

Output

Total Lumens: 2077 lm
Peak Intensity: 4800 cd
Illuminance @ 5m: 177 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 26°
Horizontal Field Angle (10%): 87°
Vertical Field Angle (10%): 51.5°
Horizontal Cutoff Angle (3%): 150.5°
Vertical Cutoff Angle (3%): 87.7°



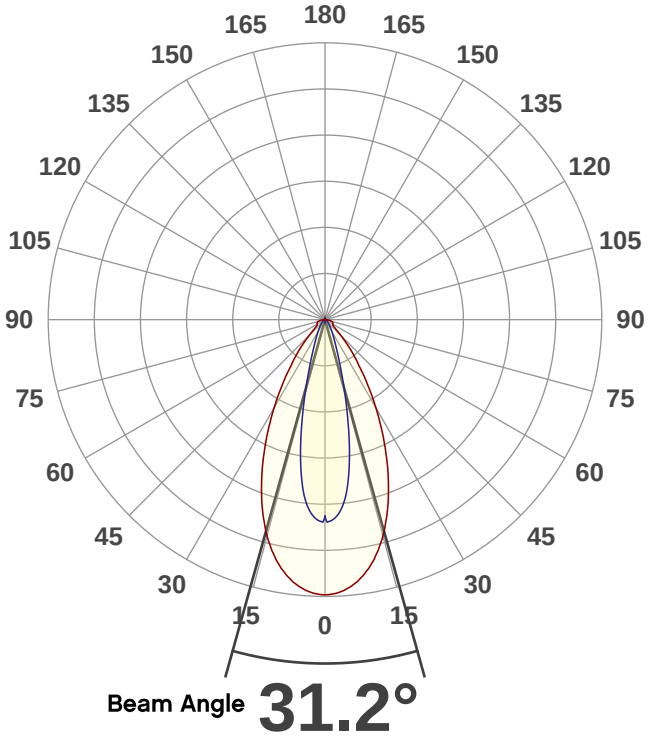
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

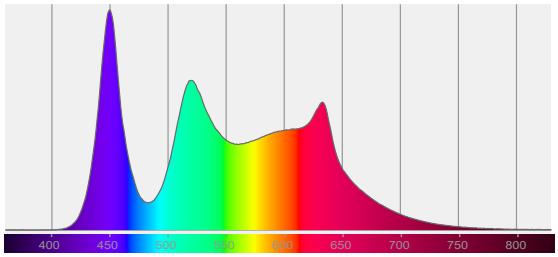
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Overall Measurement

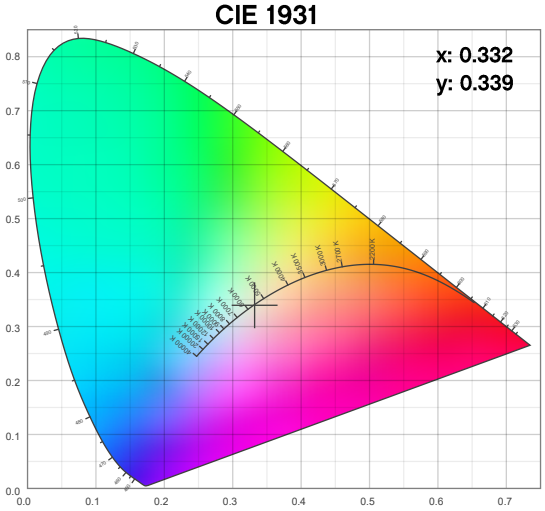
Angular Beam Distribution



Spectral Distribution



CIE 1931

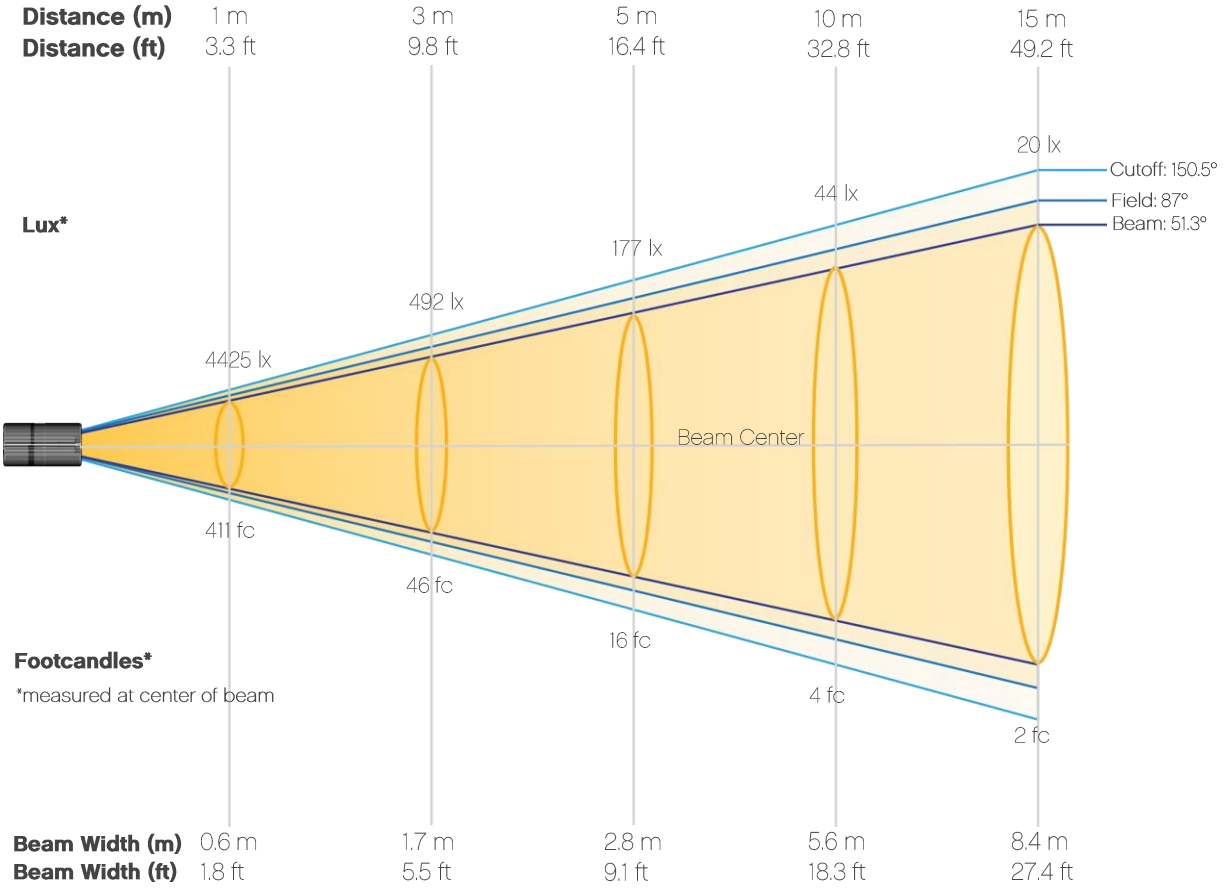


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

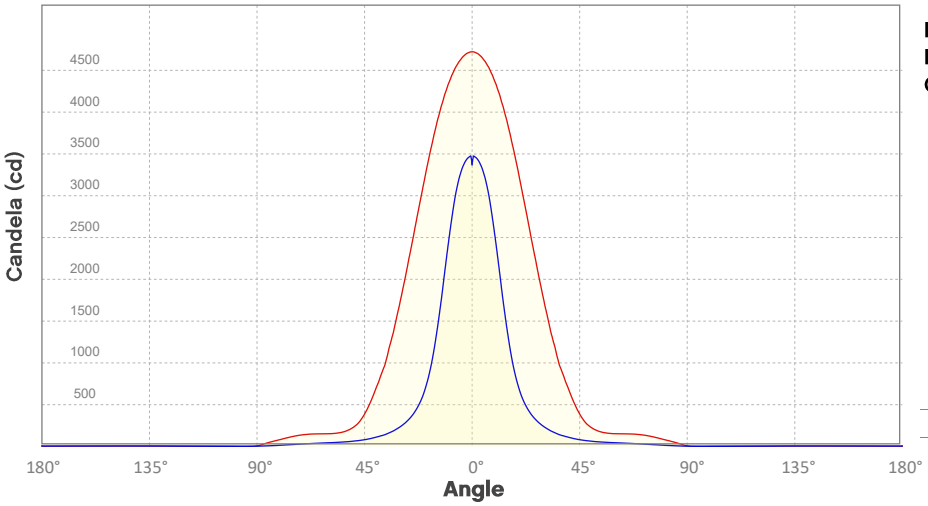
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4425	1106	492	277	177	123	90	69	55	44
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	37	31	26	23	20	17	15	14	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	411	103	46	26	16	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

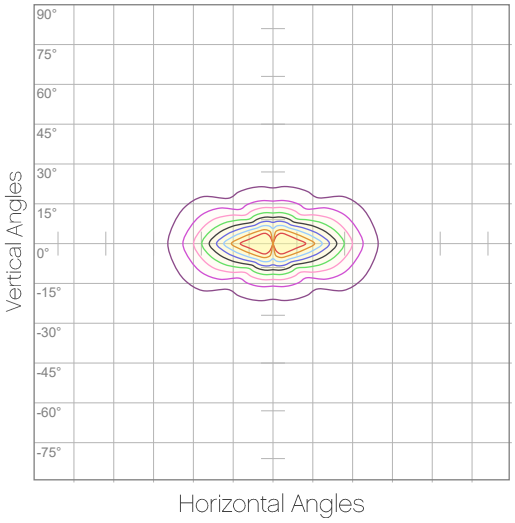
Candela Plot



Beam Angle (50%): 31.2°
Field Angle (10%): 60.7°
Cutoff Angle (3%): 106.1°

Horizontal Distribution
Vertical Distribution

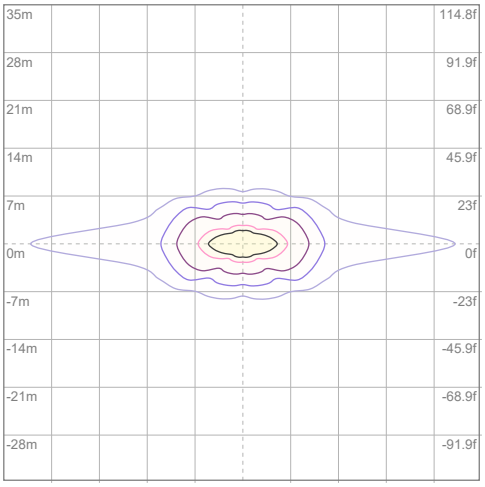
Polar Diagrams



iso-candela Diagram

10%	442 cd
20%	885 cd
30%	1327 cd
40%	1770 cd
50%	2212 cd
60%	2655 cd
70%	3097 cd
80%	3540 cd
90%	3982 cd

Conditions:
Number of c-planes: 8
Candela at center: 4425 cd



iso-illuminance Diagram

3%	1.33 lx
5%	2.21 lx
10%	4.42 lx
30%	13.3 lx
50%	22.1 lx

Conditions:
Number of c-planes: 8
Lux at center: 44.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Report Summary

Output

Total Lumens: 1313 lm
Peak Intensity: 3029 cd
Illuminance @ 5m: 112 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.2°
Vertical Beam Angle (50%): 25.7°
Horizontal Field Angle (10%): 86.6°
Vertical Field Angle (10%): 51.3°
Horizontal Cutoff Angle (3%): 150.2°
Vertical Cutoff Angle (3%): 87.4°



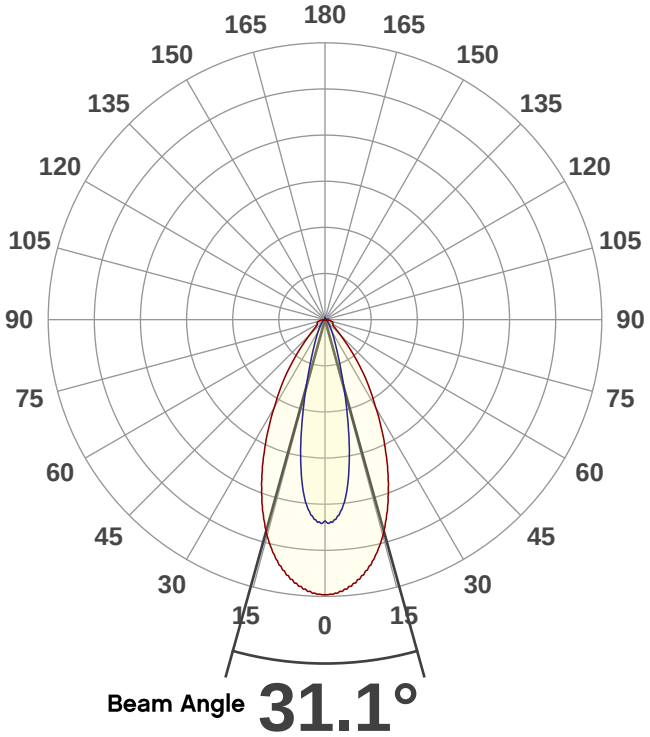
Conditions

AC Supply: 120 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

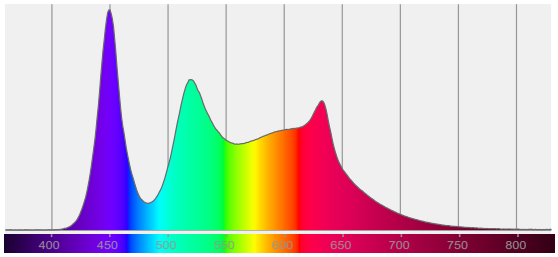
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Overall Measurement

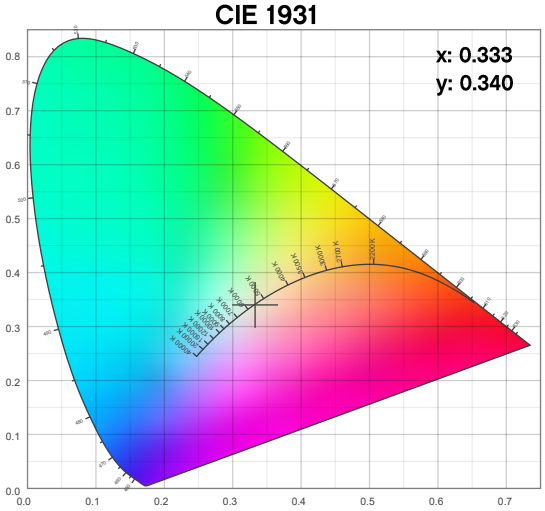
Angular Beam Distribution



Spectral Distribution



CIE 1931

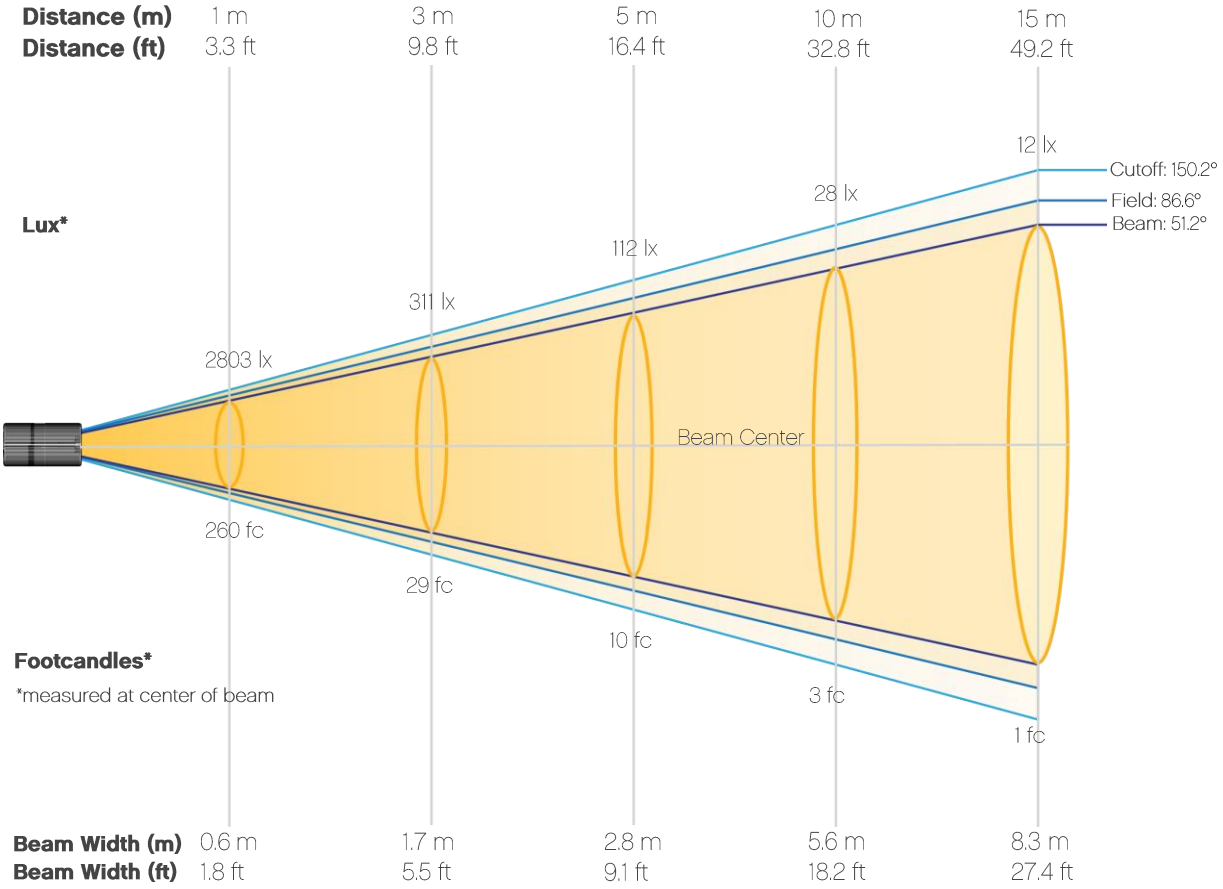


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

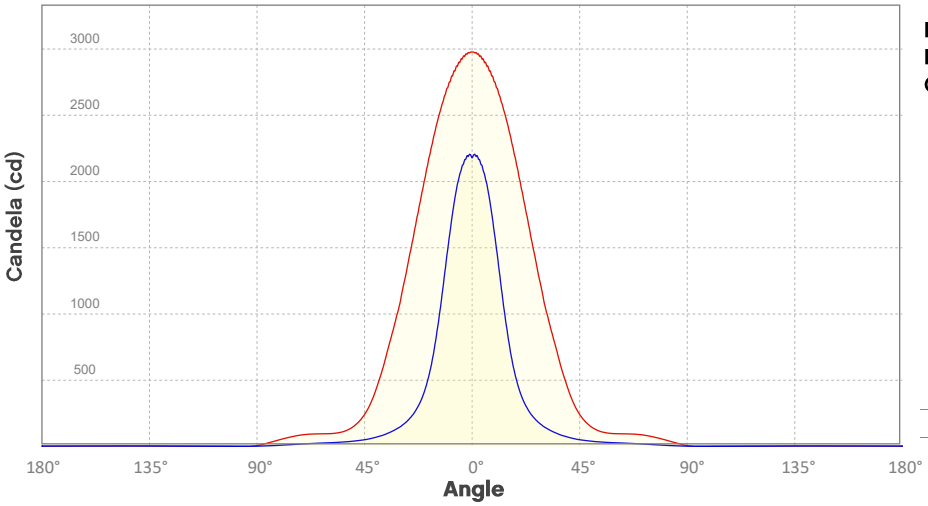
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2803	701	311	175	112	78	57	44	35	28
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	23	19	17	14	12	11	10	9	8	7
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	260	65	29	16	10	7	5	4	3	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

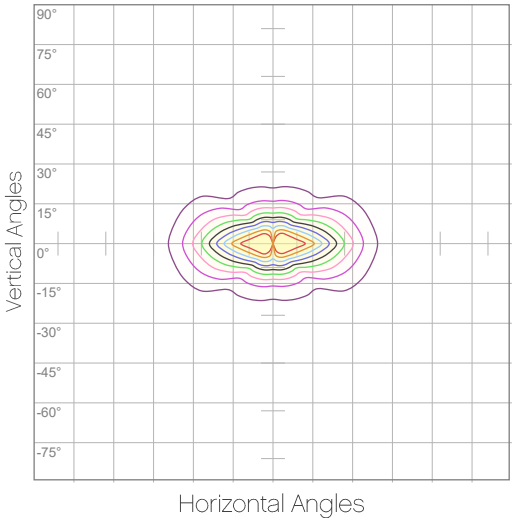
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.6°
Cutoff Angle (3%): 106°

Horizontal Distribution
Vertical Distribution

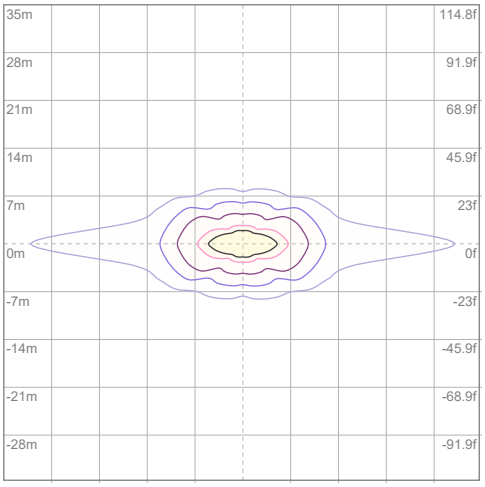
Polar Diagrams



iso-candela Diagram

10%	280 cd
20%	561 cd
30%	841 cd
40%	1121 cd
50%	1401 cd
60%	1682 cd
70%	1962 cd
80%	2242 cd
90%	2522 cd

Conditions:
Number of c-planes: 8
Candela at center: 2803 cd



iso-illuminance Diagram

3%	0.841 lx
5%	1.40 lx
10%	2.80 lx
30%	8.41 lx
50%	14.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 28.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Report Summary

Output

Total Lumens: 853 lm
Peak Intensity: 1972 cd
Illuminance @ 5m: 73 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 51.3°
Vertical Beam Angle (50%): 25.6°
Horizontal Field Angle (10%): 86.5°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 149.9°
Vertical Cutoff Angle (3%): 87°



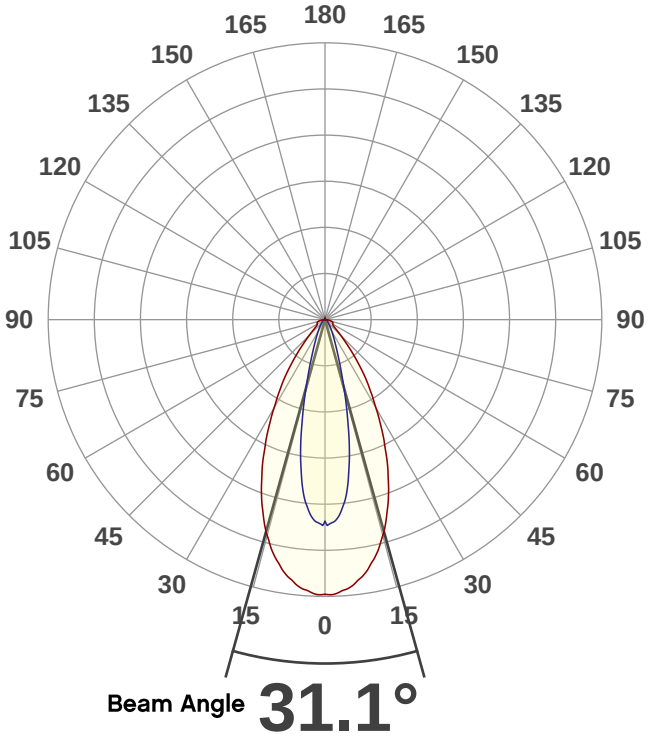
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

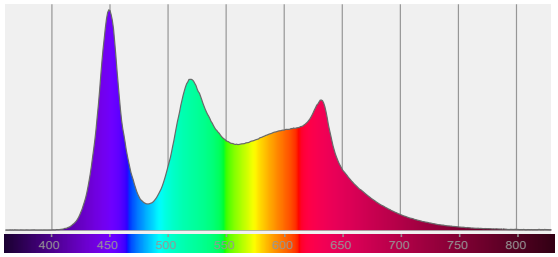
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 2/1/2021 to LM-63-2002 Standards.

Overall Measurement

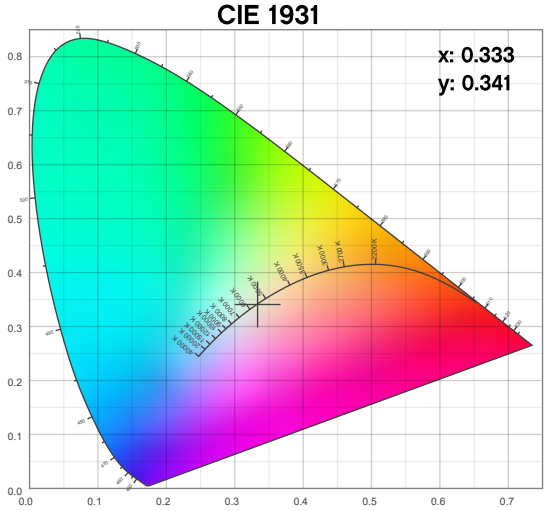
Angular Beam Distribution



Spectral Distribution



CIE 1931

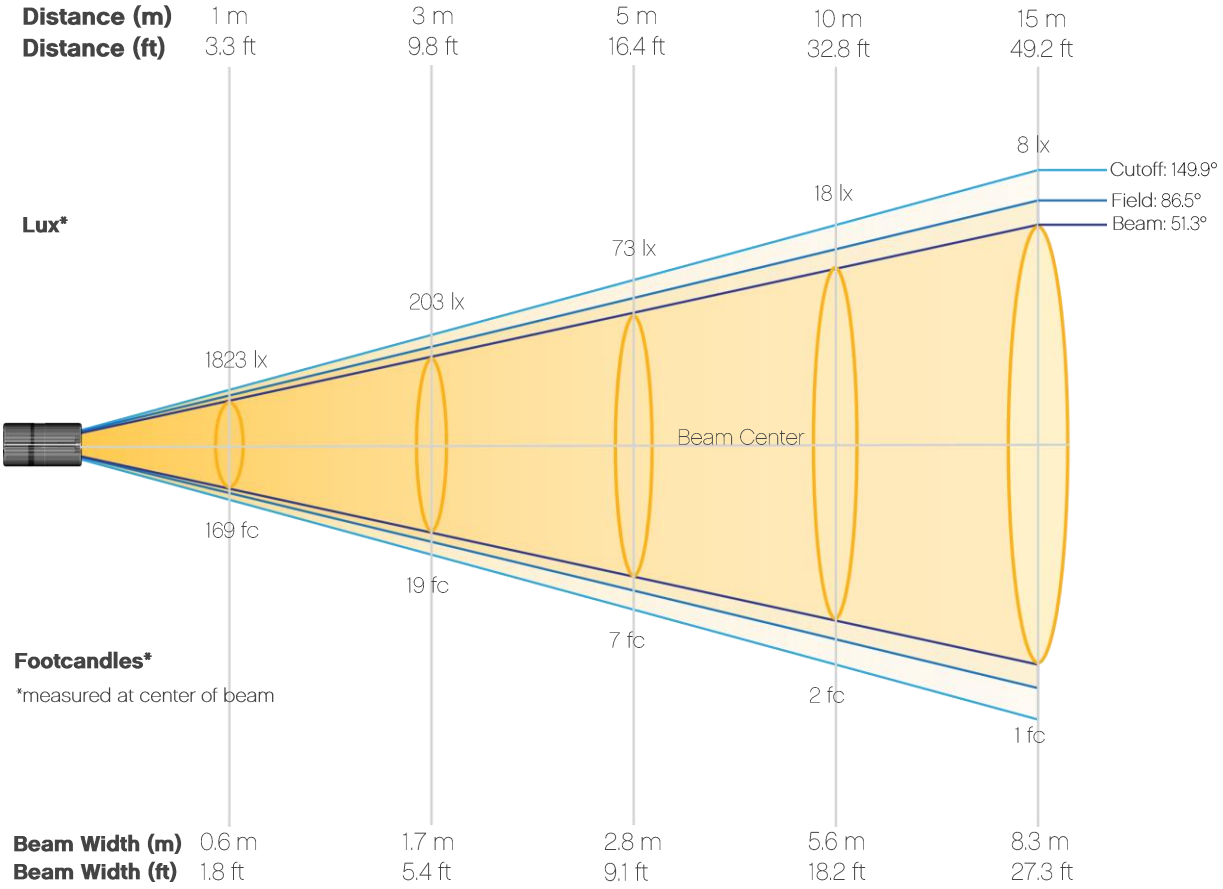


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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

Beam Details



Beam Illuminances from 1-20m (3.3-65.6ft)

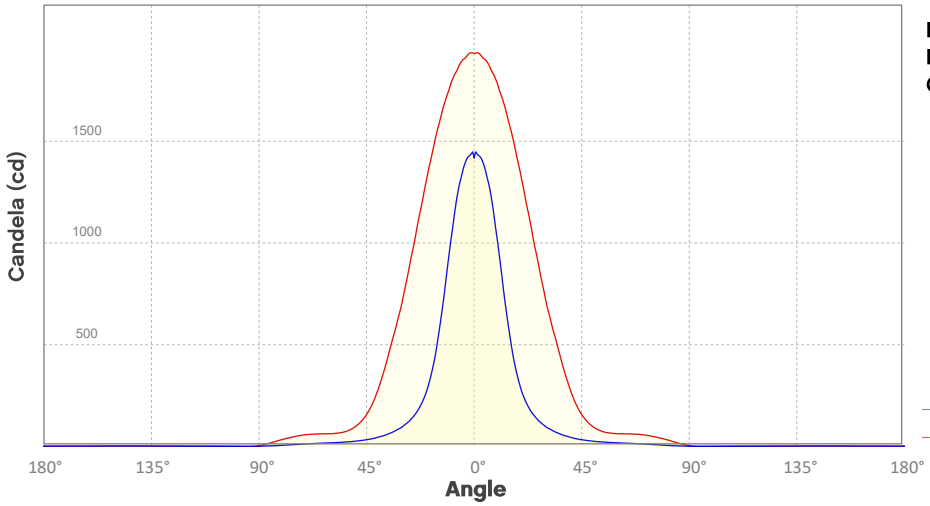
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1823	456	203	114	73	51	37	28	23	18
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	15	13	11	9	8	7	6	6	5	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	169	42	19	11	7	5	3	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	1	0	0

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Photometric Report

WELL Panel: Standard Optics-w/10x60 Filter Lens, 5600K

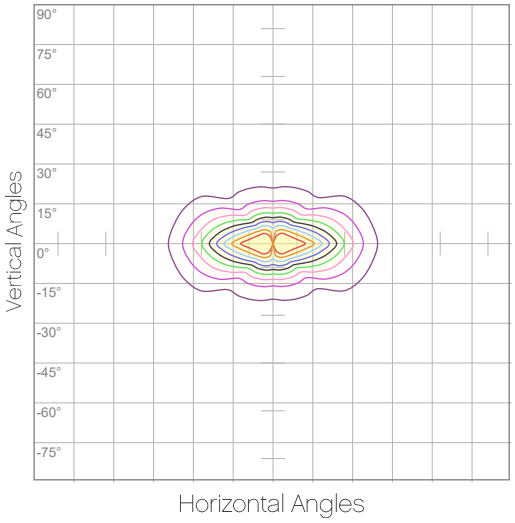
Candela Plot



Beam Angle (50%): 31.1°
Field Angle (10%): 60.5°
Cutoff Angle (3%): 105.8°

Horizontal Distribution
Vertical Distribution

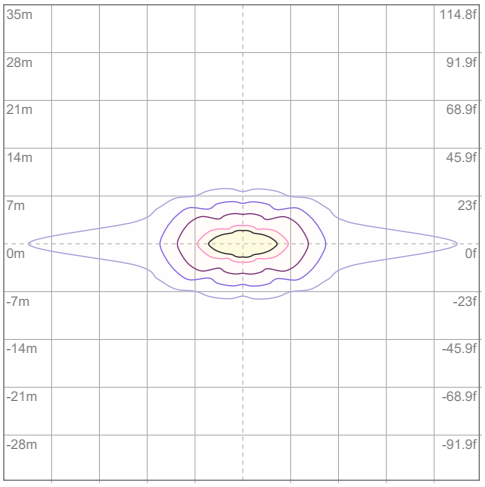
Polar Diagrams



iso-candela Diagram

10%	182 cd
20%	365 cd
30%	547 cd
40%	729 cd
50%	911 cd
60%	1094 cd
70%	1276 cd
80%	1458 cd
90%	1640 cd

Conditions:
Number of c-planes: 8
Candela at center: 1823 cd



iso-illuminance Diagram

3%	0.547 lx
5%	0.911 lx
10%	1.82 lx
30%	5.47 lx
50%	9.11 lx

Conditions:
Number of c-planes: 8
Lux at center: 18.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

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Chromaticity Report

WELL Panel: Full Power-Stable

Report Summary

Measurements

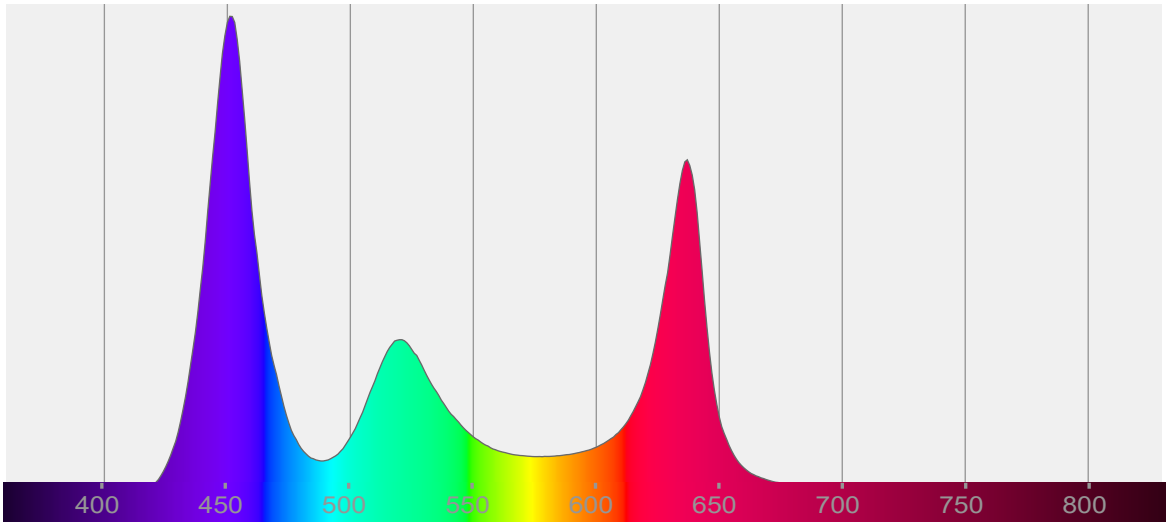
Total Lumens: 4923 lm
Peak Intensity: 17982 cd
Fixture Efficacy: 19 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: 637 nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.276 Y: 0.218

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

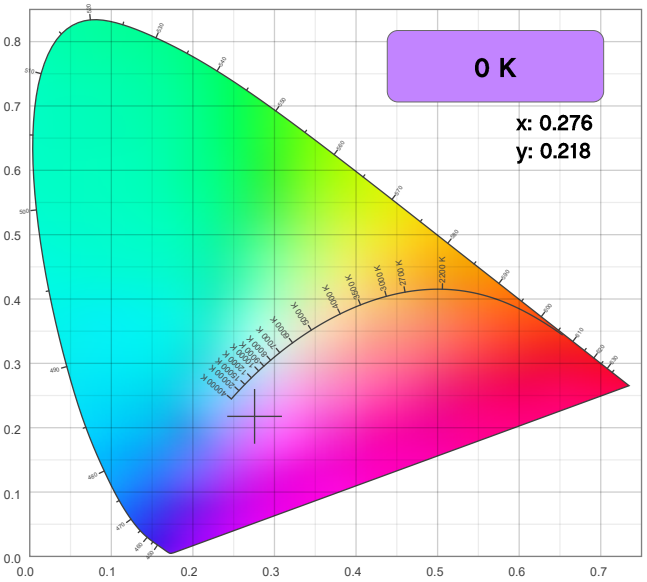
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Chromaticity Report

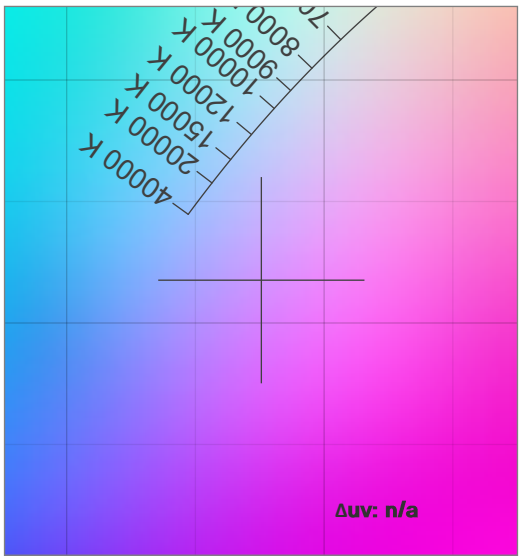
WELL Panel: Full Power-Stable

Chromaticity

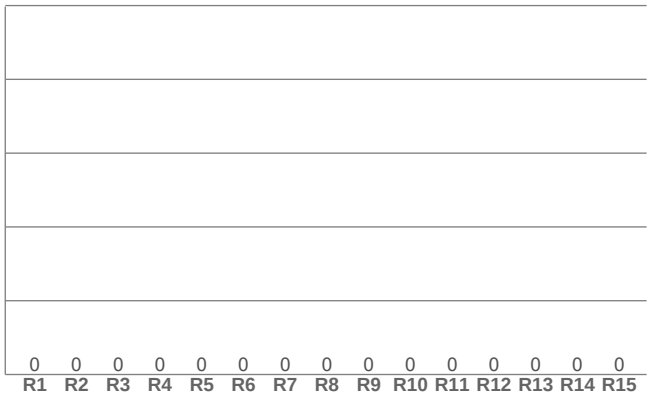
CIE 1931



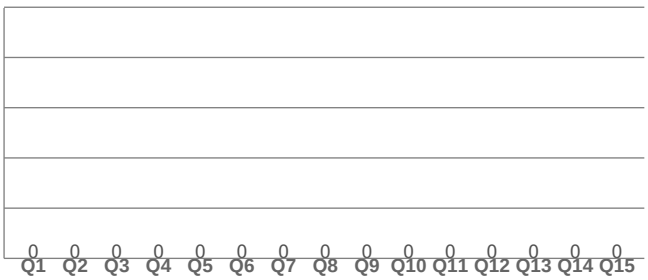
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.276	0.218

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.218	0.218

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

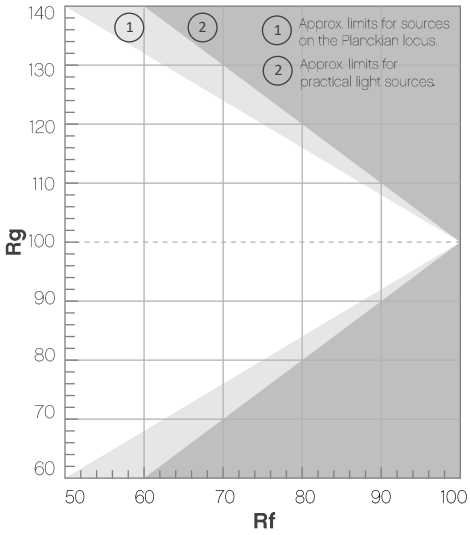
WELL Panel: Full Power-Stable

TM-30-18 Details

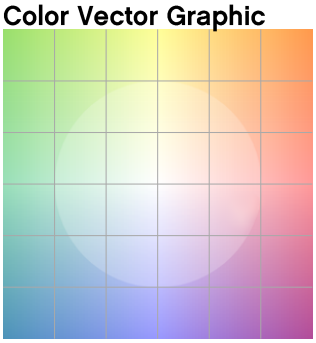
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

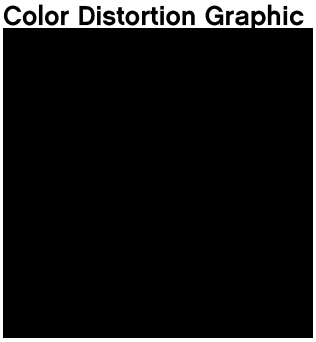
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



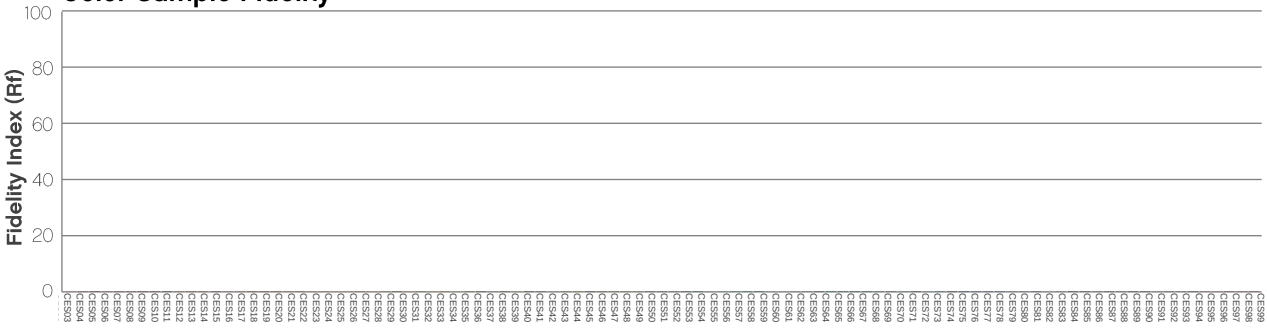
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

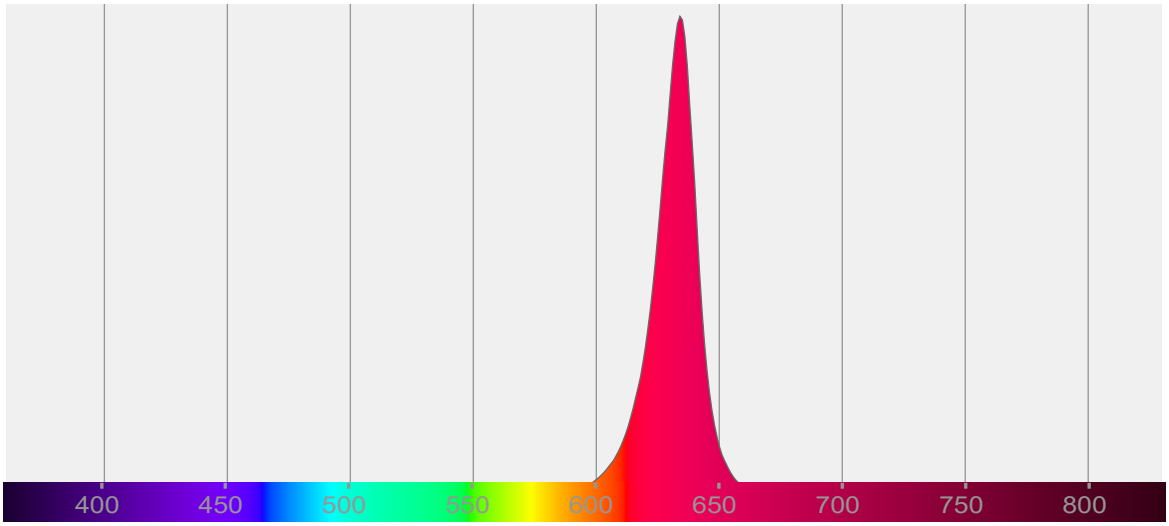
Total Lumens: 2420 lm
Peak Intensity: 8251 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.698 Y: 0.301

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

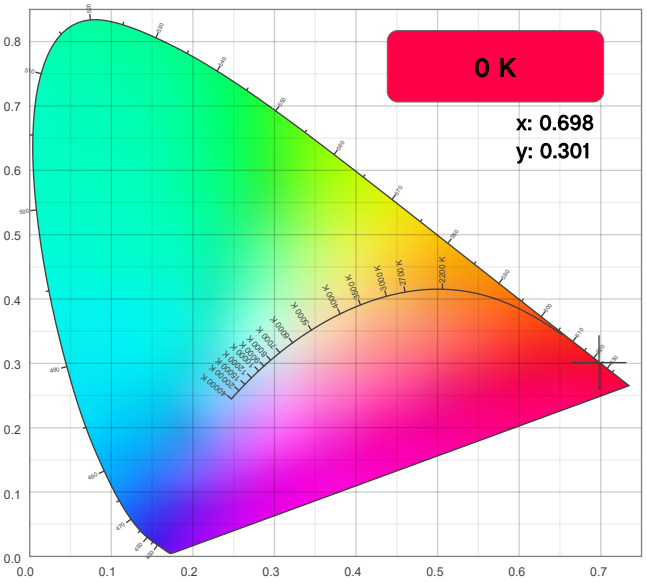
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Chromaticity Report

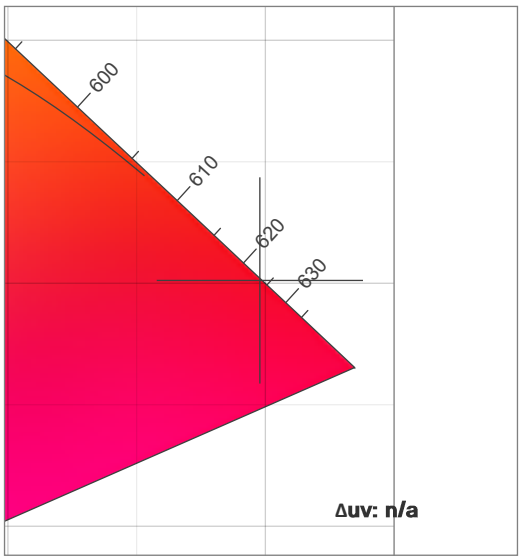
WELL Panel: Red Only

Chromaticity

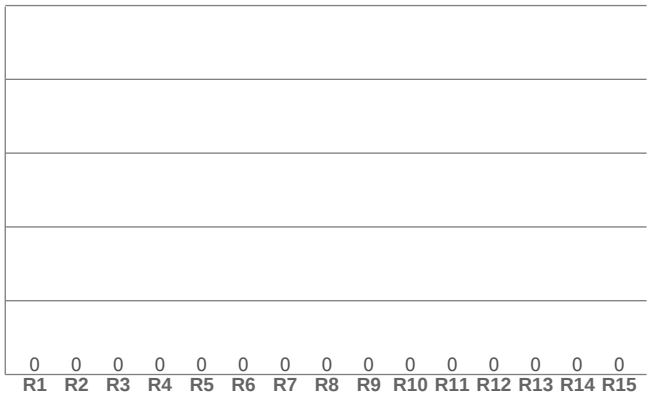
CIE 1931



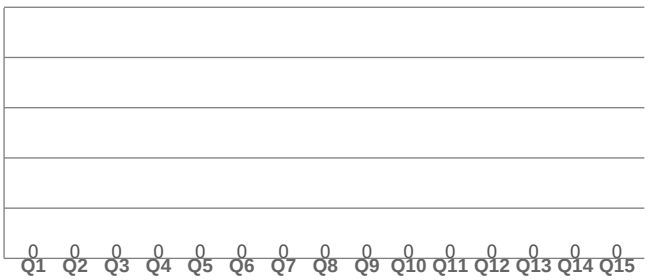
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.698	0.301

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.301	0.535

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

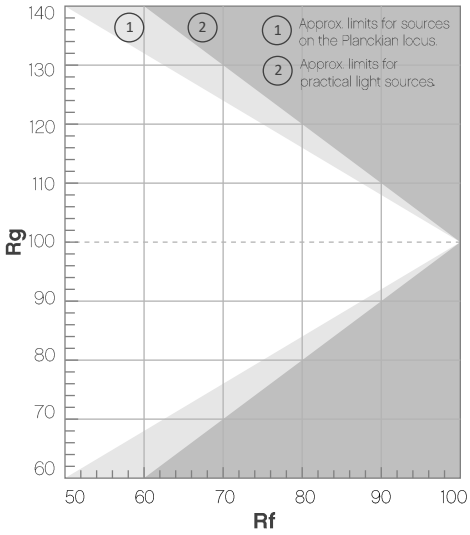
WELL Panel: Red Only

TM-30-18 Details

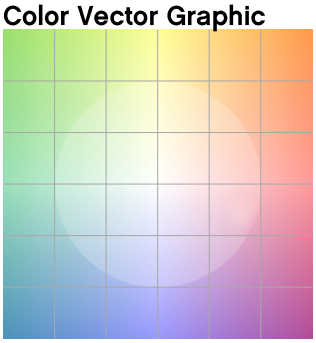
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

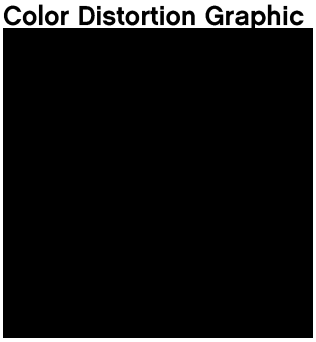
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



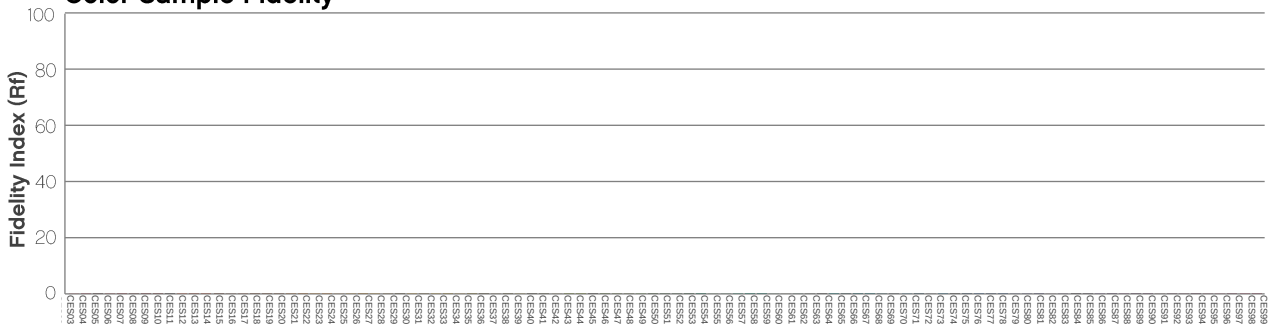
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

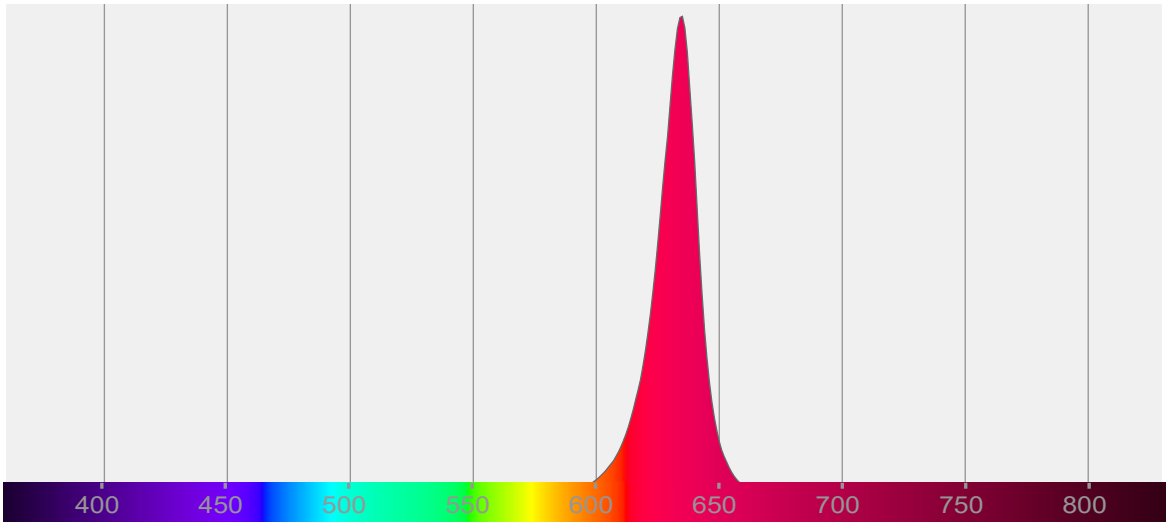
Total Lumens: 2457 lm
Peak Intensity: 8145 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.698 Y: 0.301

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

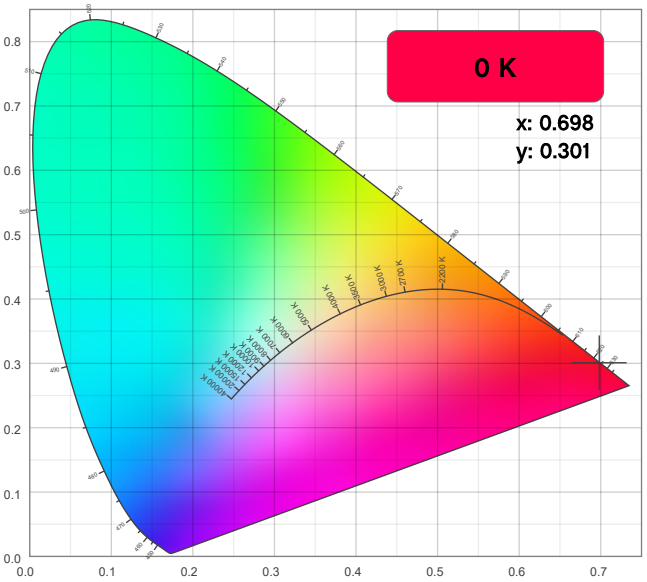
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Chromaticity Report

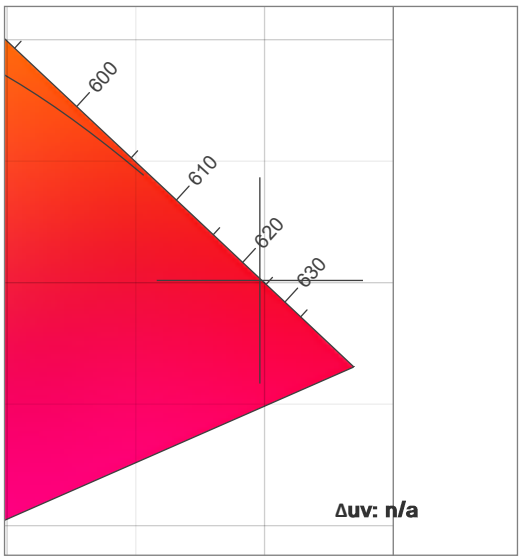
WELL Panel: Red Only

Chromaticity

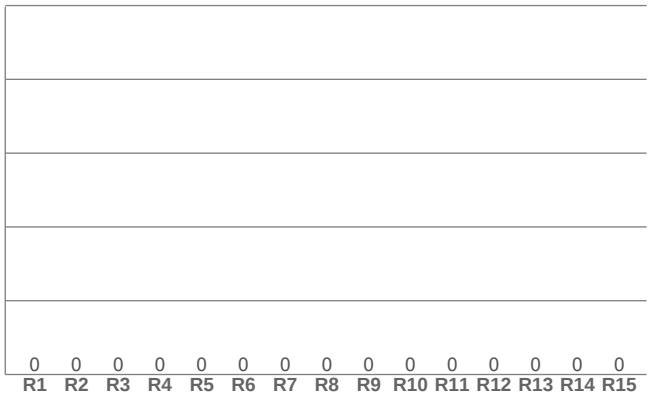
CIE 1931



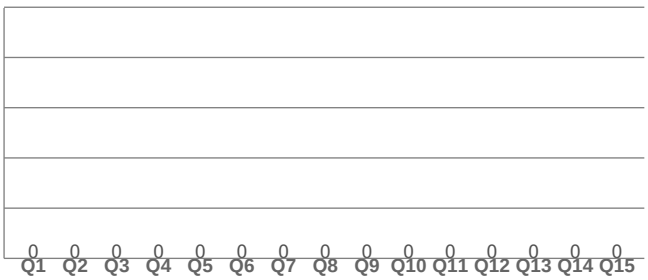
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.698	0.301

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.301	0.536

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

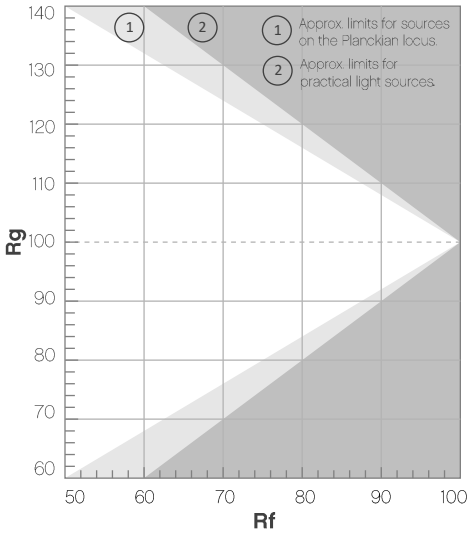
WELL Panel: Red Only

TM-30-18 Details

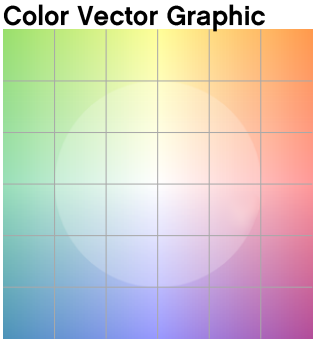
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

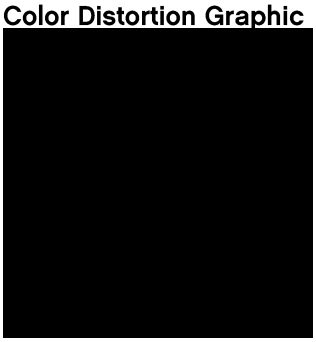
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
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15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



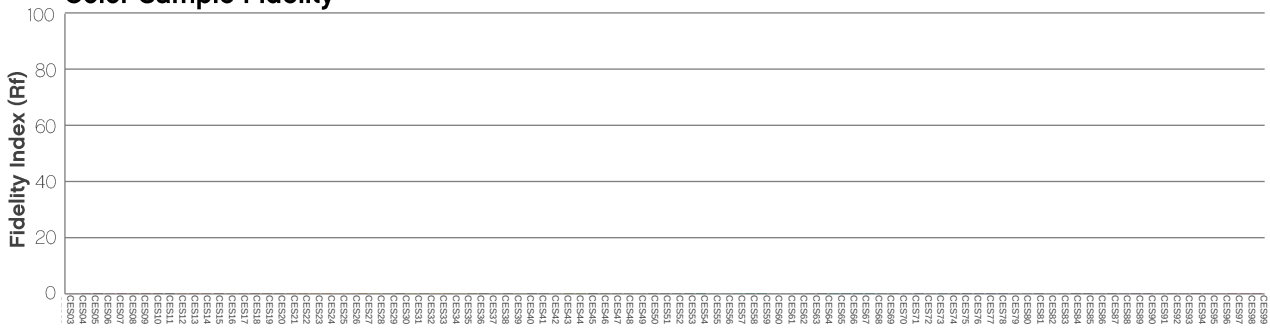
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

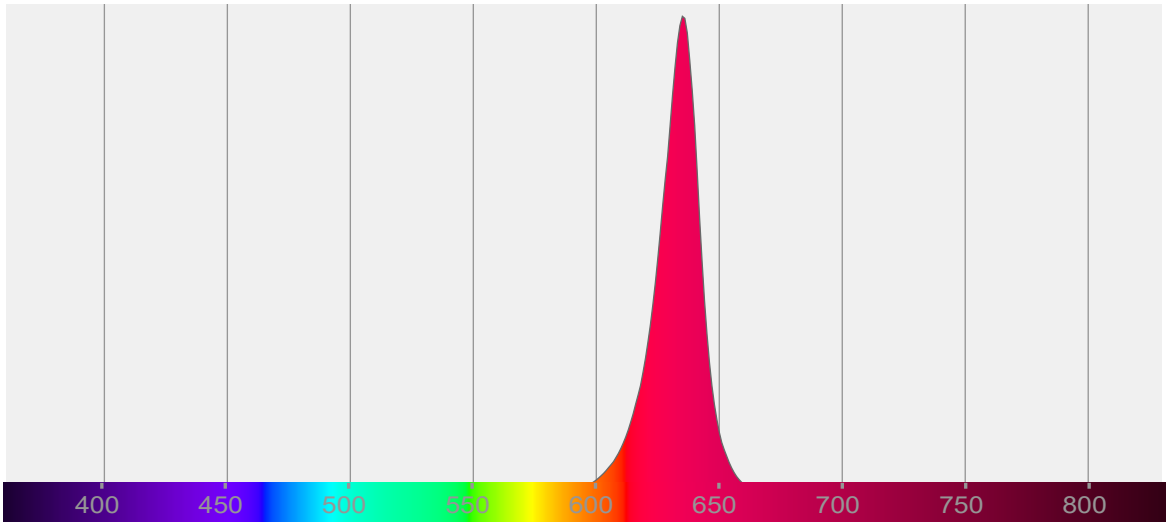
Total Lumens: 2148 lm
Peak Intensity: 7622 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

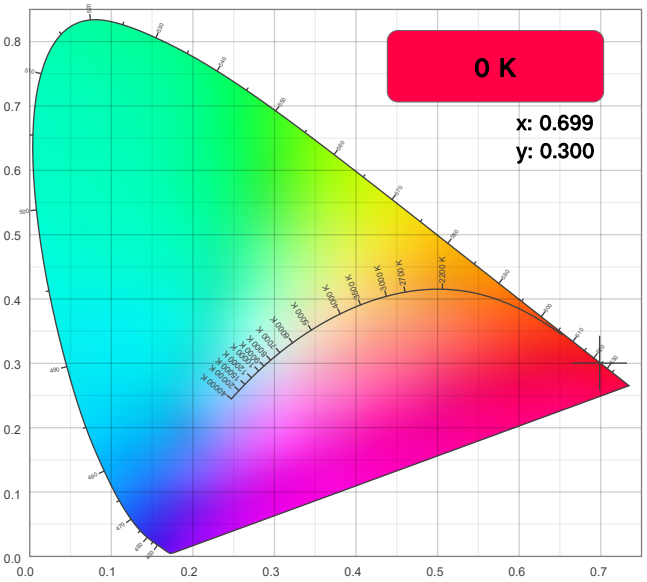
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Chromaticity Report

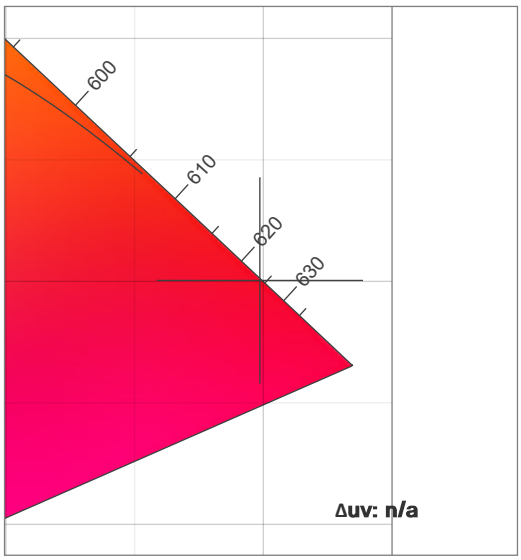
WELL Panel: Red Only

Chromaticity

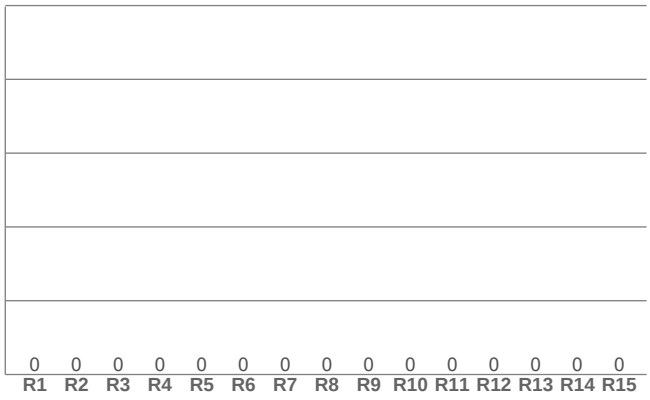
CIE 1931



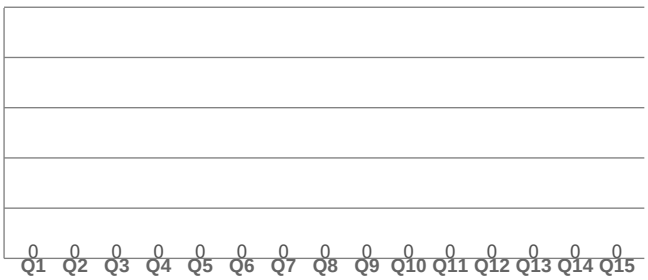
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.537

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

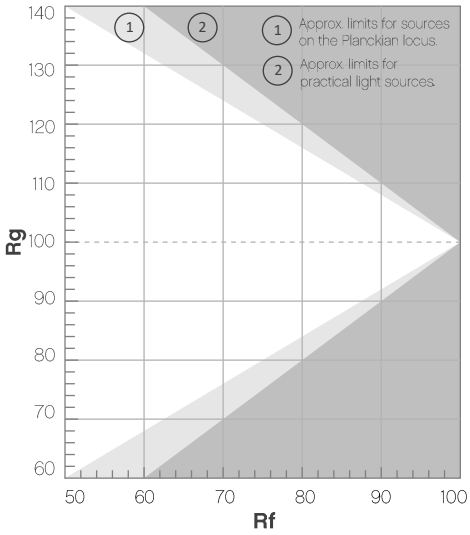
WELL Panel: Red Only

TM-30-18 Details

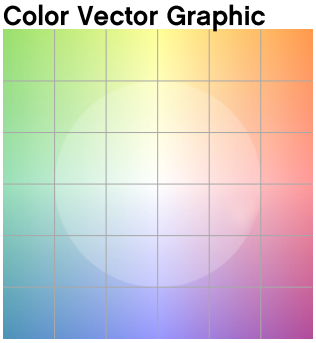
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

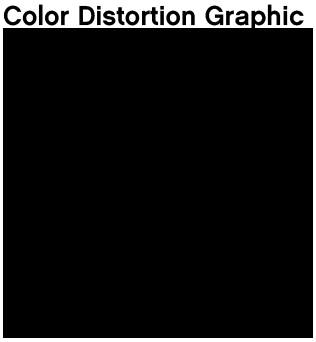
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
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8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



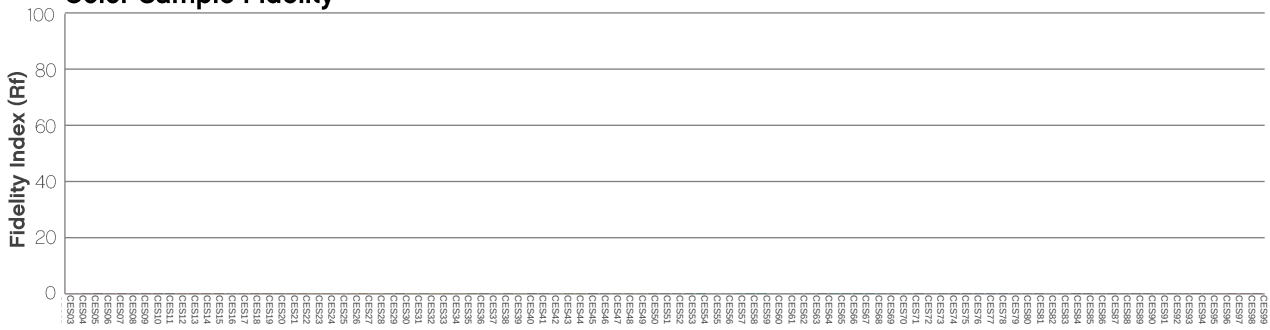
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

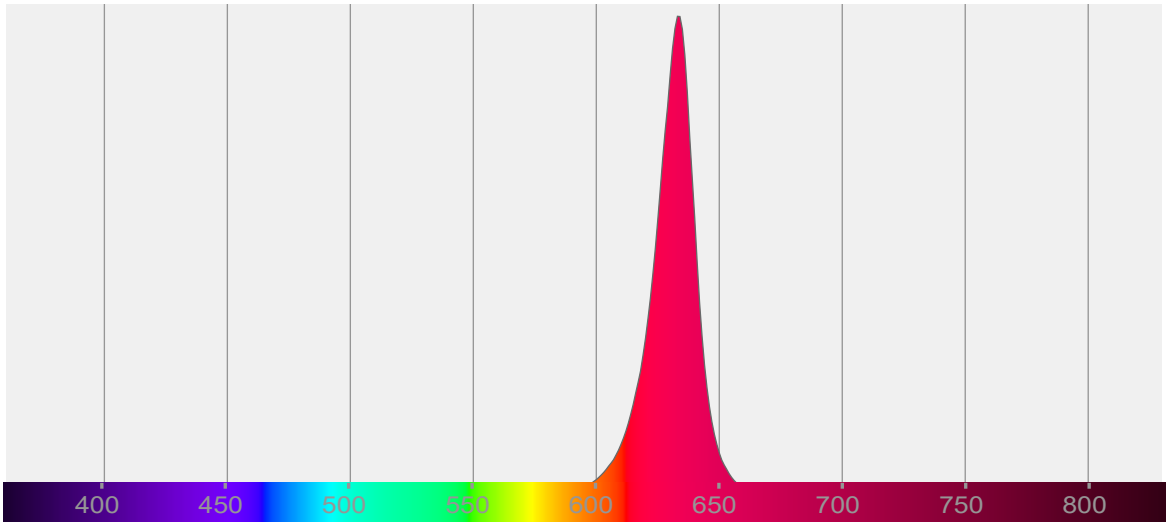
Total Lumens: 722 lm
Peak Intensity: 2558 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

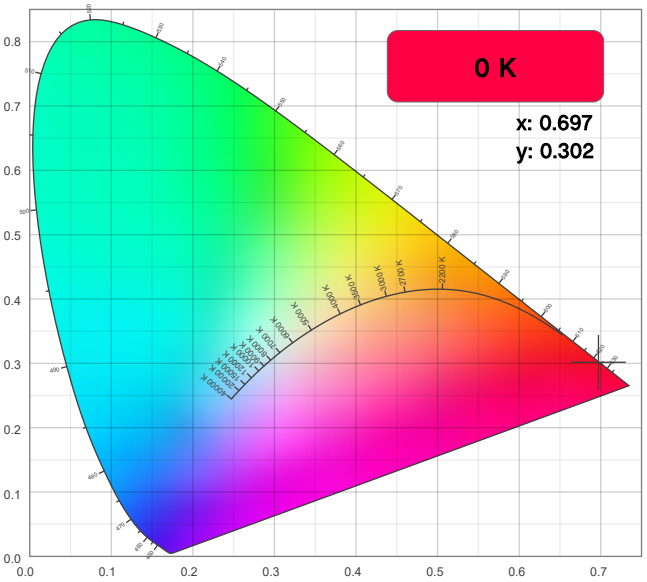
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Chromaticity Report

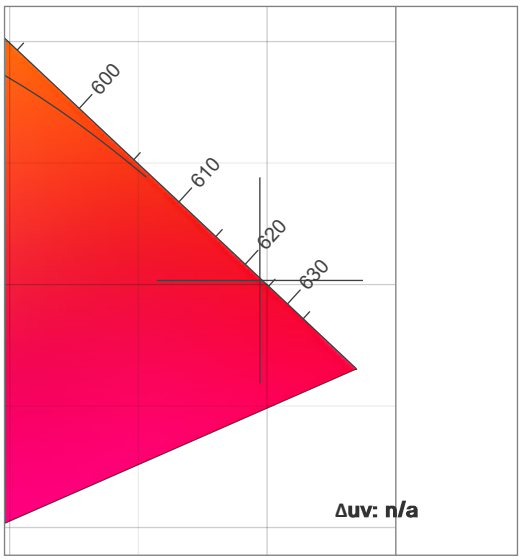
WELL Panel: Red Only

Chromaticity

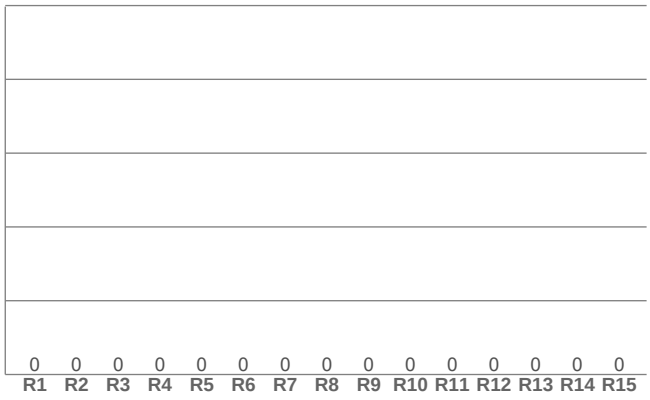
CIE 1931



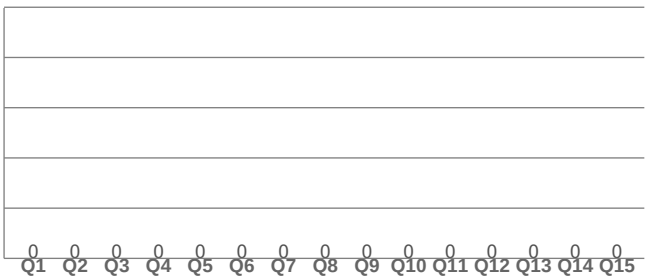
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.534

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

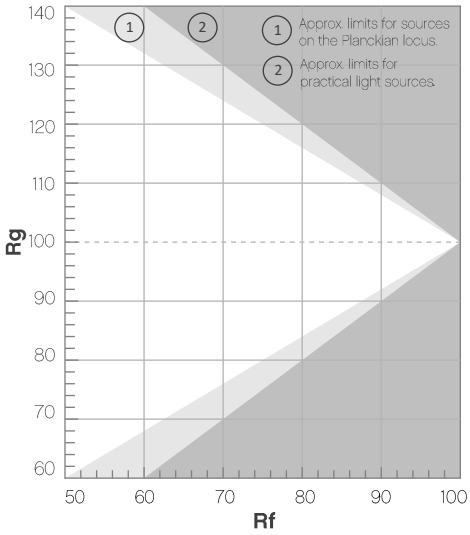
WELL Panel: Red Only

TM-30-18 Details

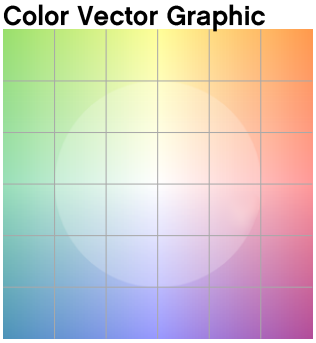
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

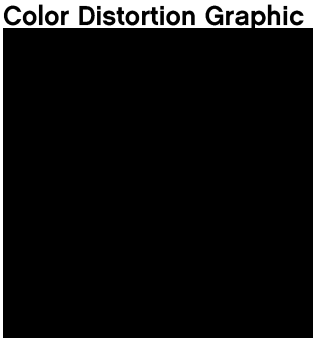
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



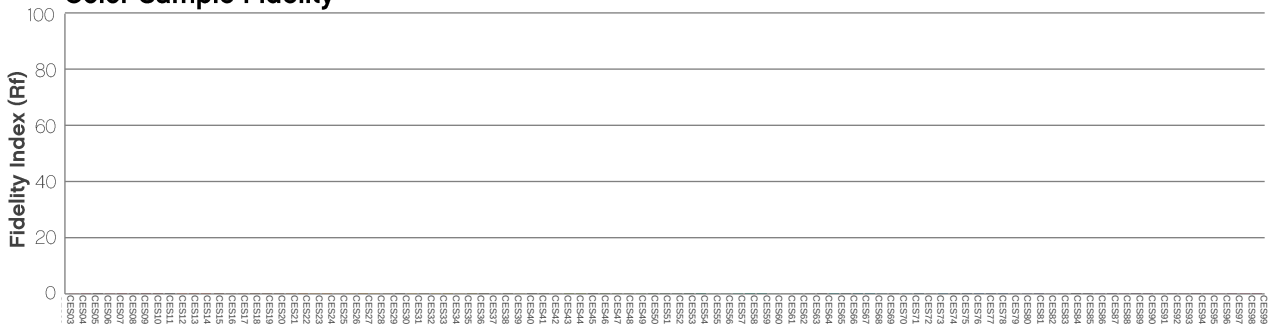
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

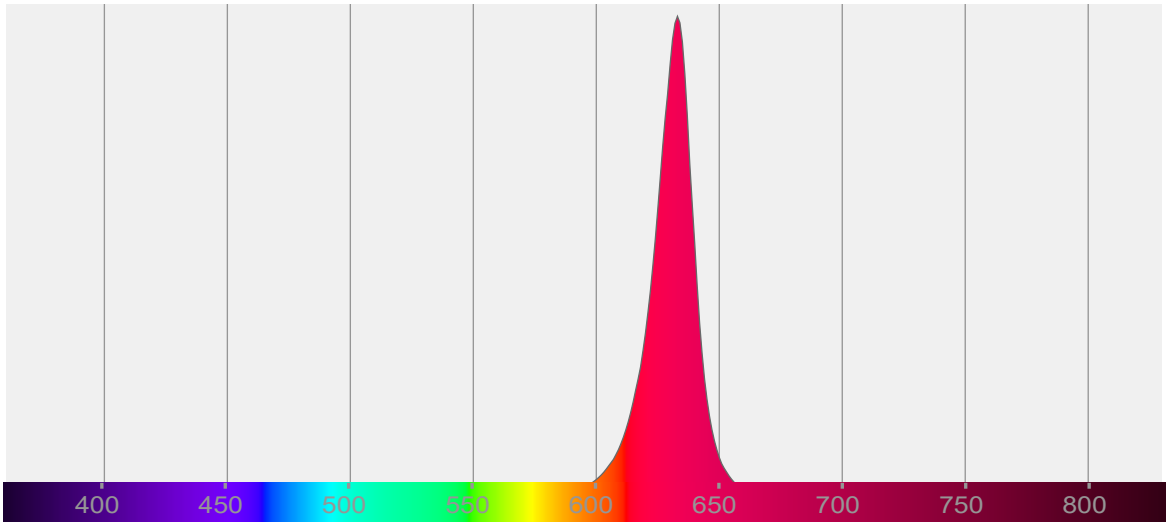
Total Lumens: 475 lm
Peak Intensity: 1680 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

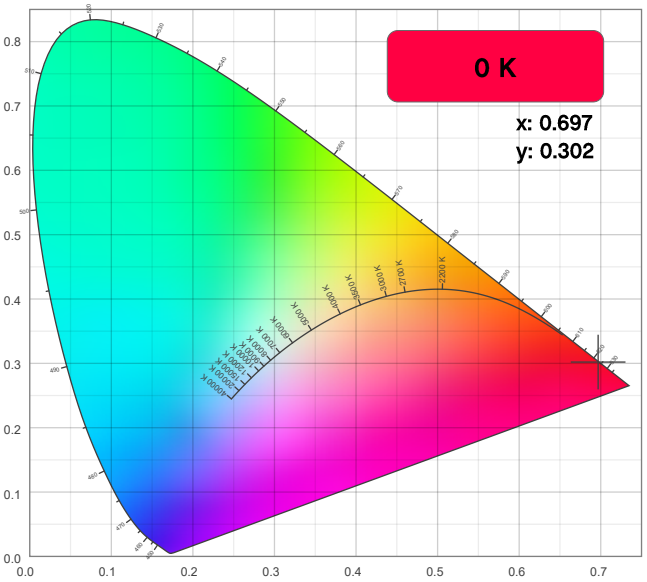
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Chromaticity Report

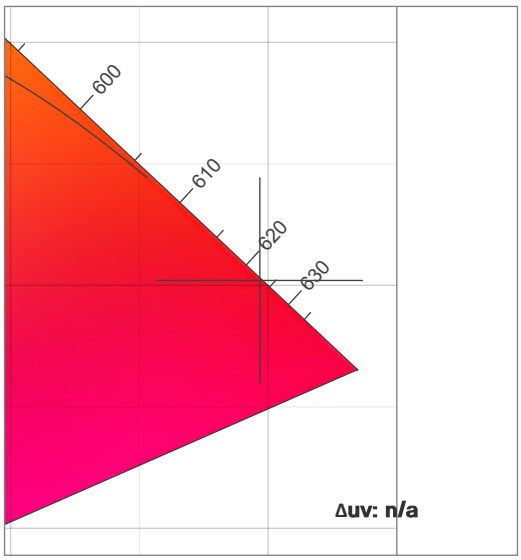
WELL Panel: Red Only

Chromaticity

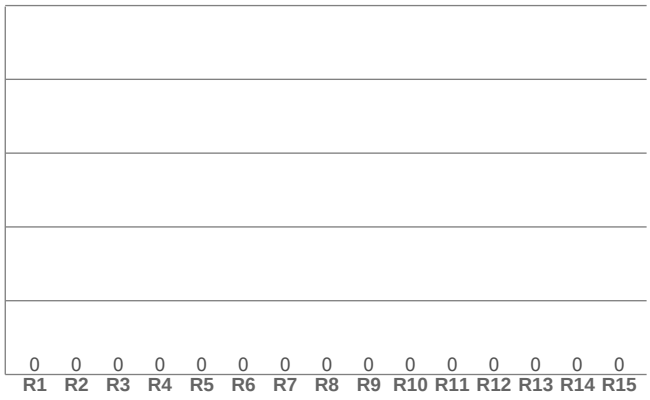
CIE 1931



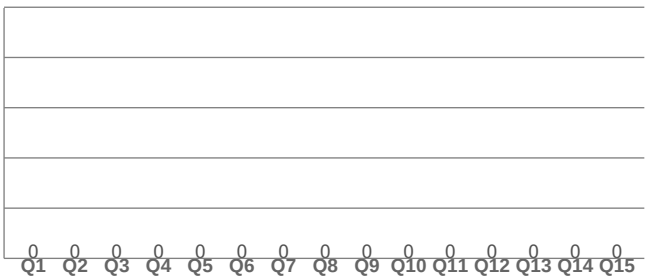
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.533

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

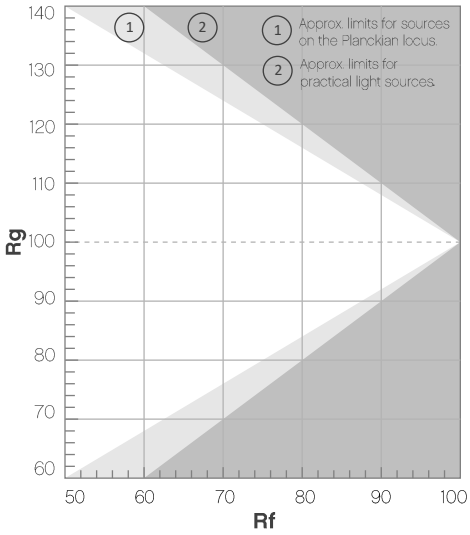
WELL Panel: Red Only

TM-30-18 Details

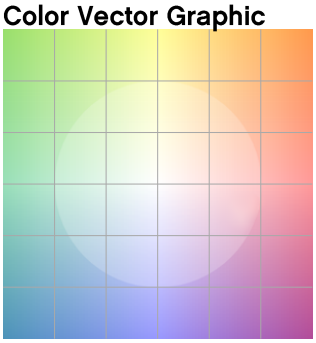
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

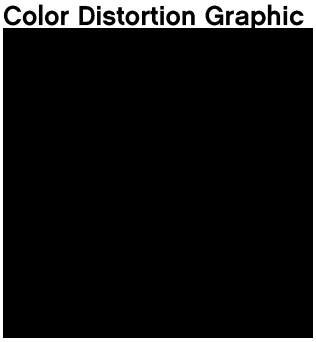
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



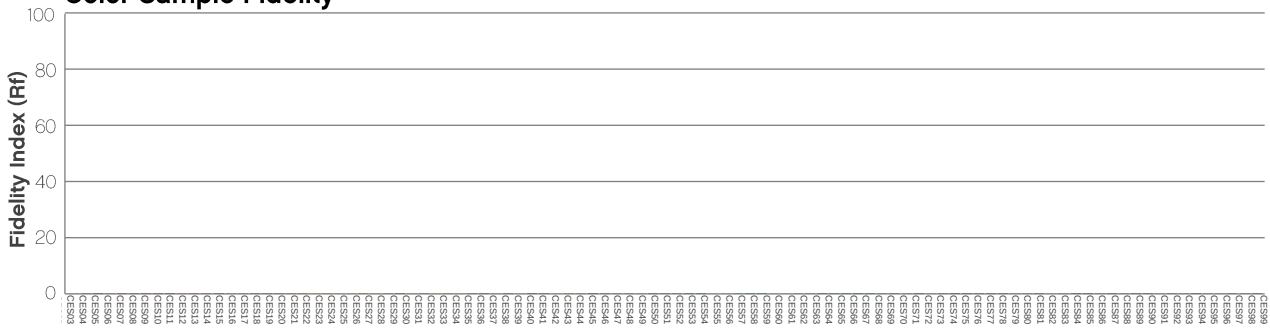
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

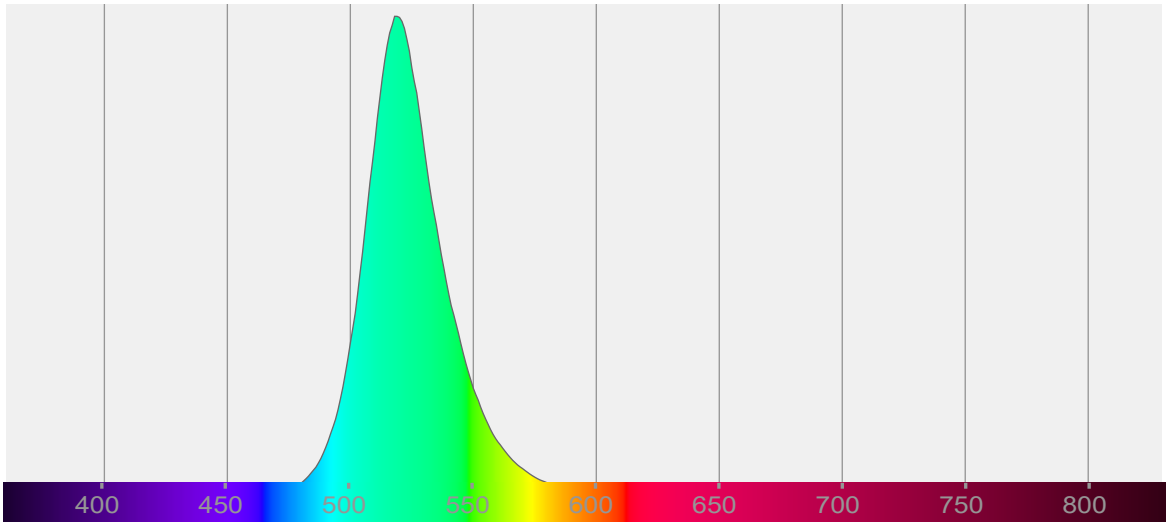
Total Lumens: 4821 lm
Peak Intensity: 15866 cd
Fixture Efficacy: 19 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.162 Y: 0.727

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

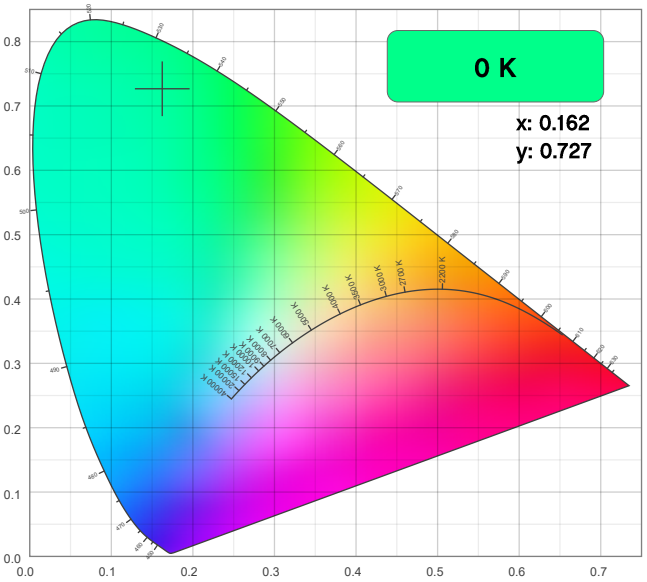
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Chromaticity Report

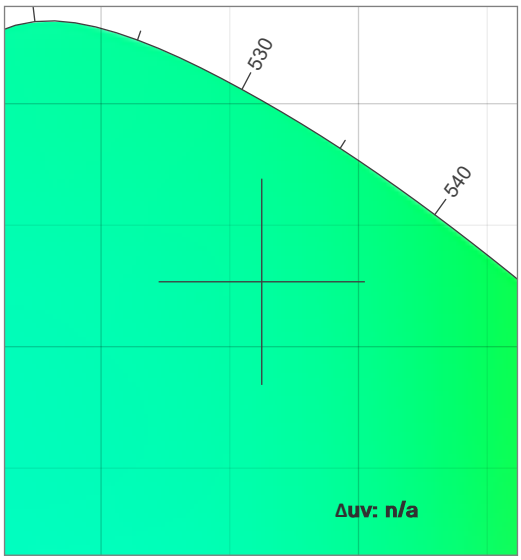
WELL Panel: Green Only

Chromaticity

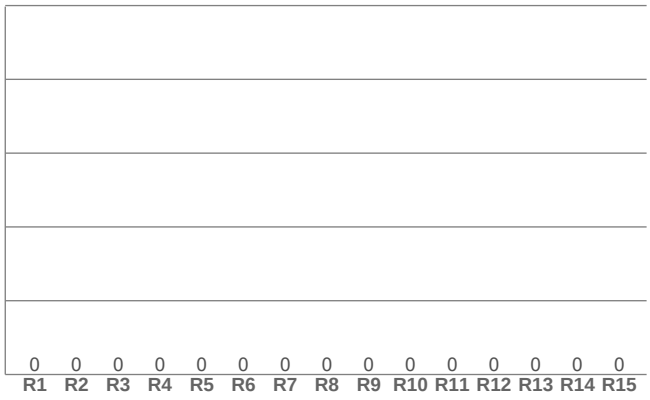
CIE 1931



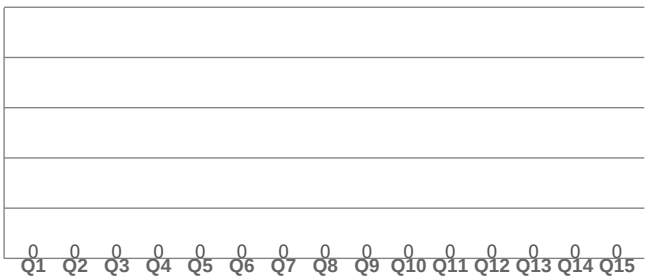
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.162	0.727

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.727	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

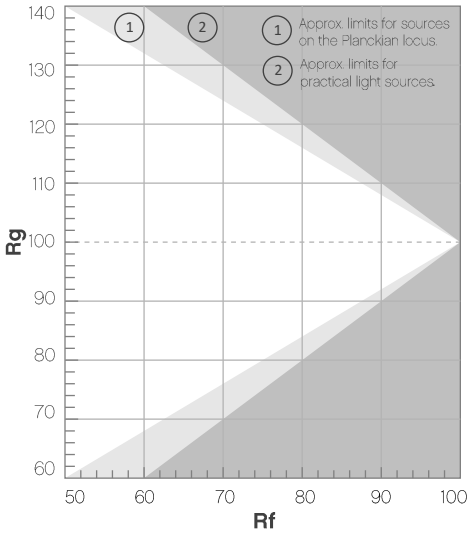
WELL Panel: Green Only

TM-30-18 Details

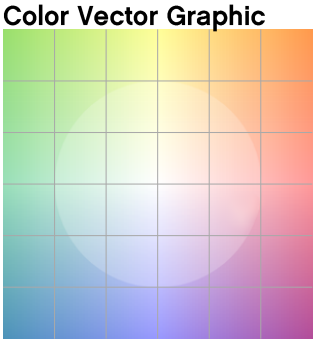
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

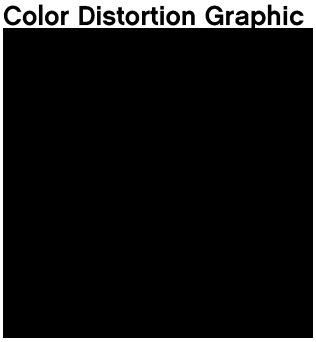
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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9	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
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15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



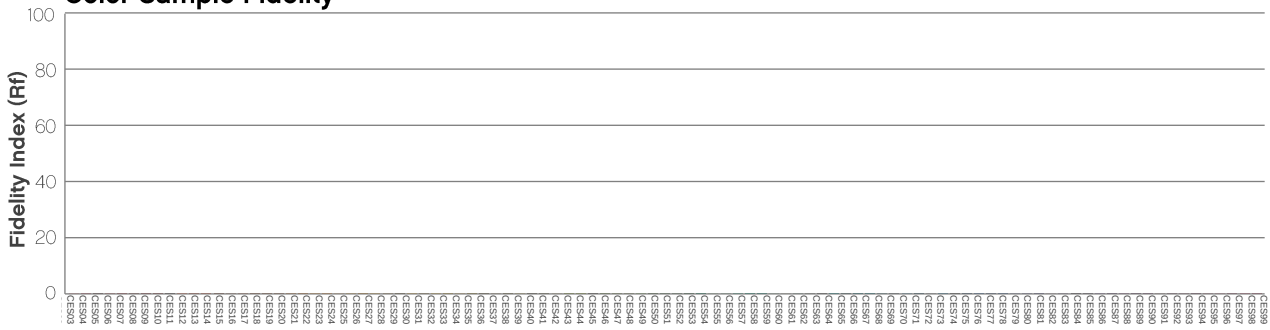
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

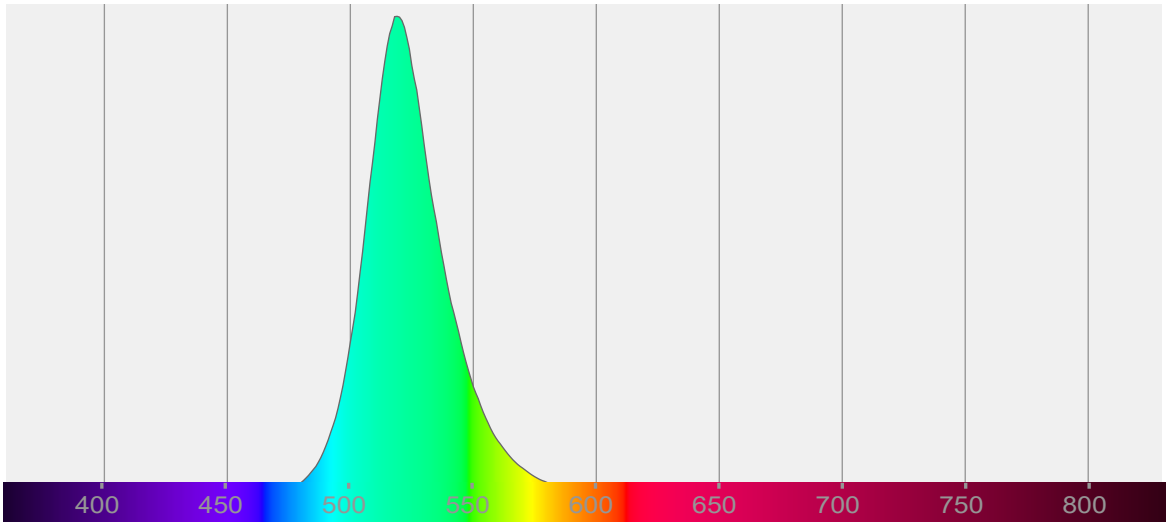
Total Lumens: 4985 lm
Peak Intensity: 15881 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 519 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.163 Y: 0.726

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

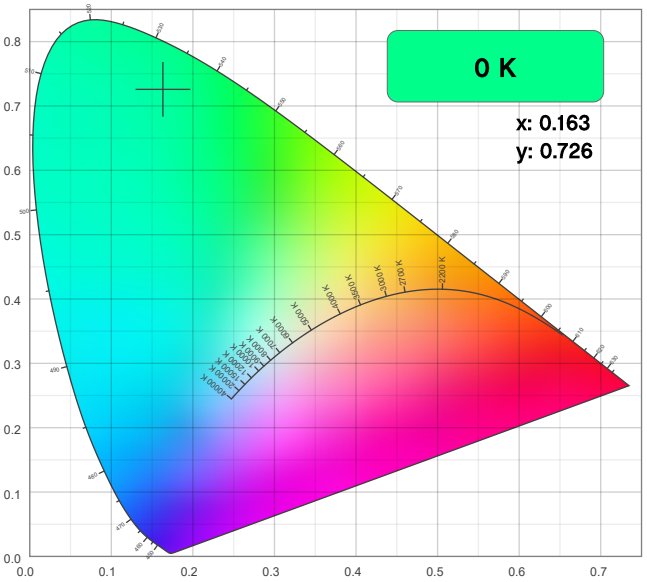
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Chromaticity Report

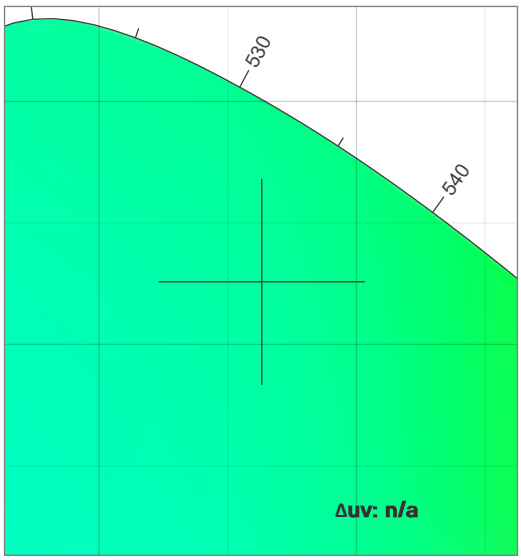
WELL Panel: Green Only

Chromaticity

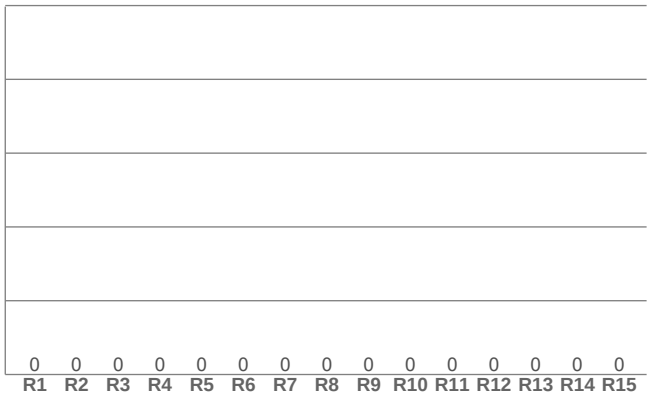
CIE 1931



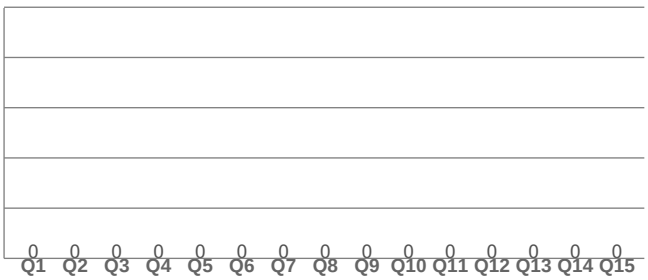
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.163	0.726

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.726	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

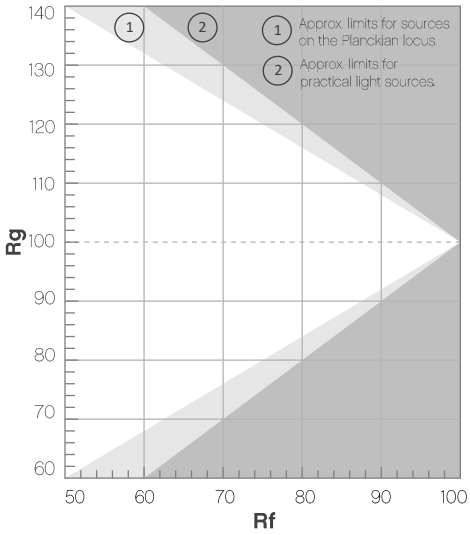
WELL Panel: Green Only

TM-30-18 Details

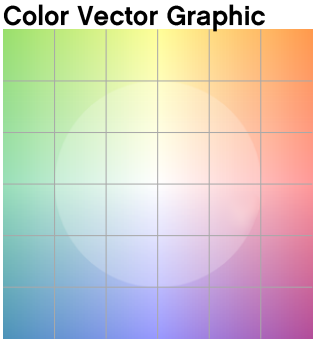
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

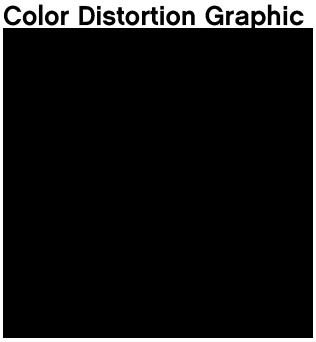
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



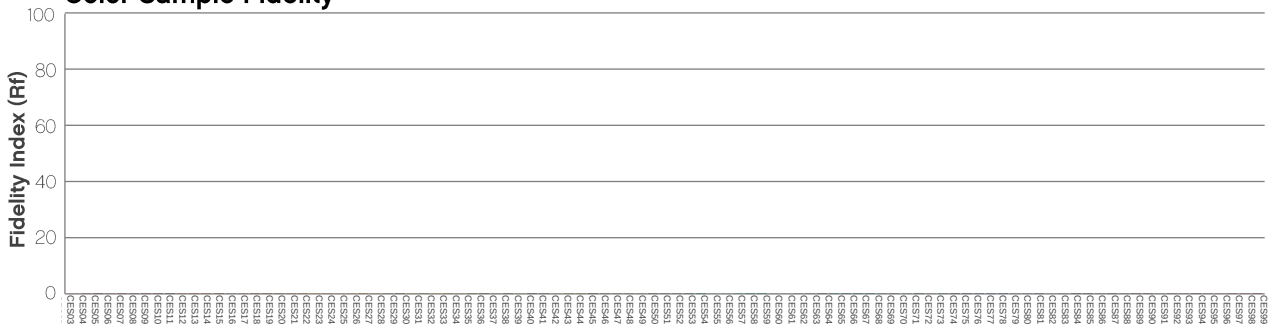
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

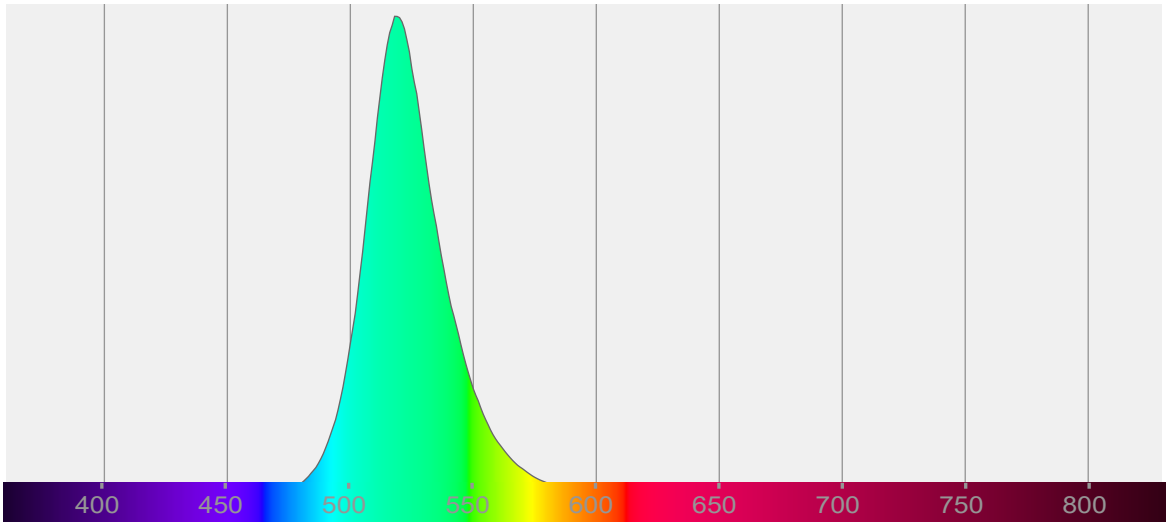
Total Lumens: 2268 lm
Peak Intensity: 7793 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.162 Y: 0.727

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

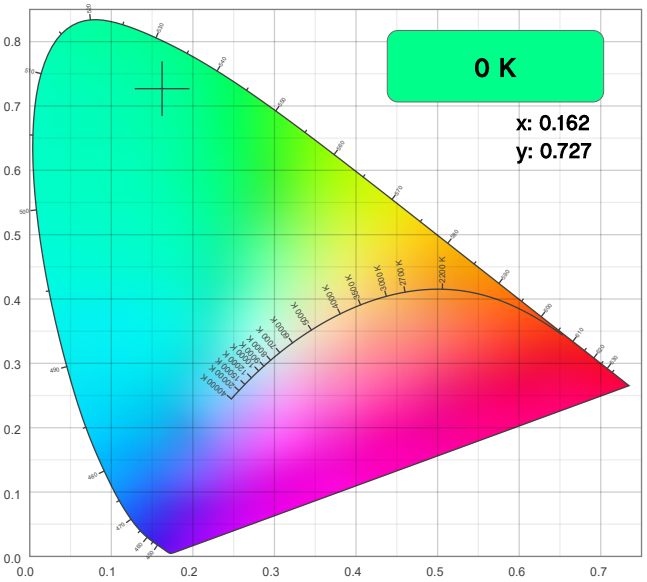
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Chromaticity Report

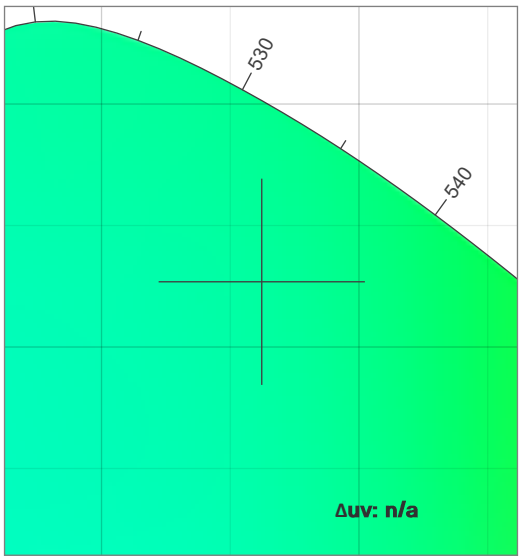
WELL Panel: Green Only

Chromaticity

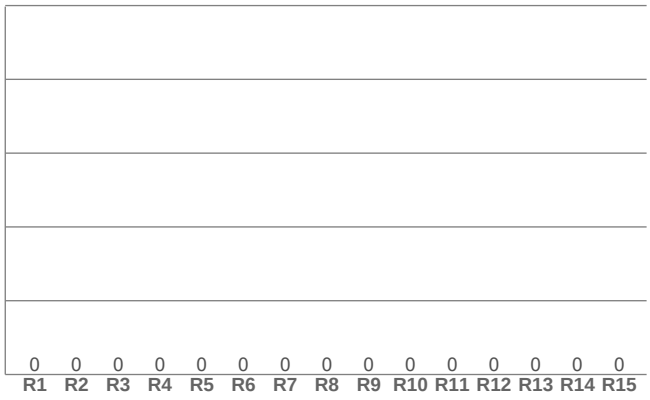
CIE 1931



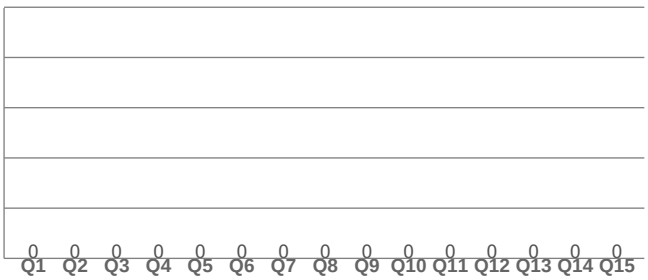
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.162	0.727

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.727	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

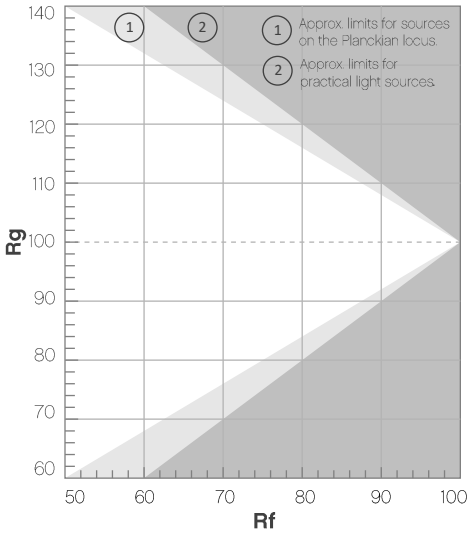
WELL Panel: Green Only

TM-30-18 Details

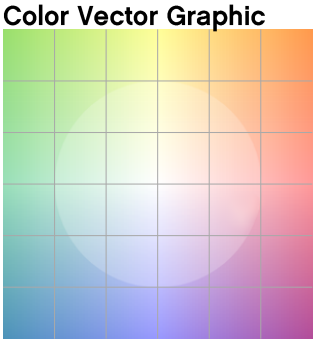
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

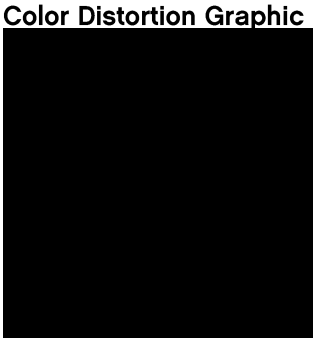
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



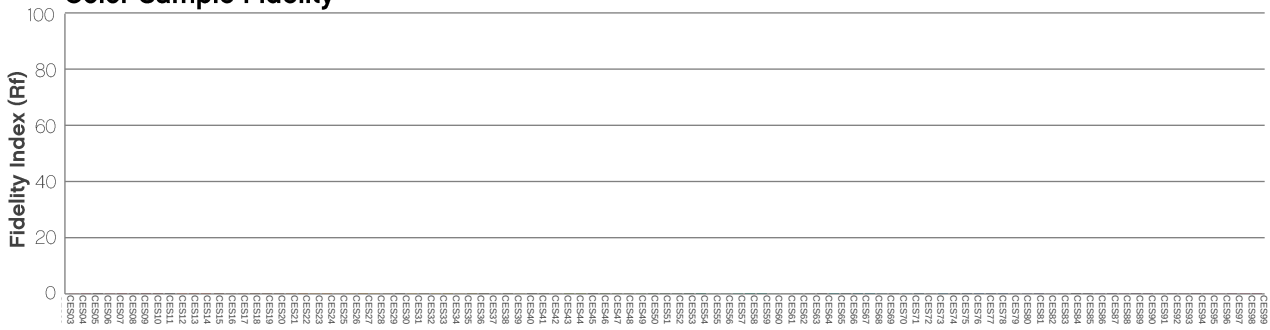
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

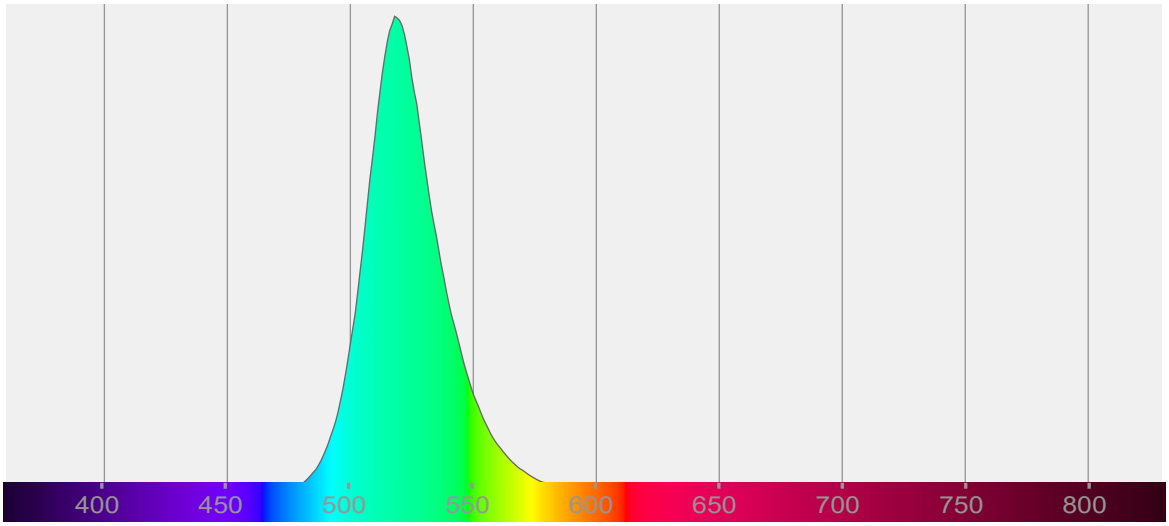
Total Lumens: 1422 lm
Peak Intensity: 4852 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.160 Y: 0.728

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

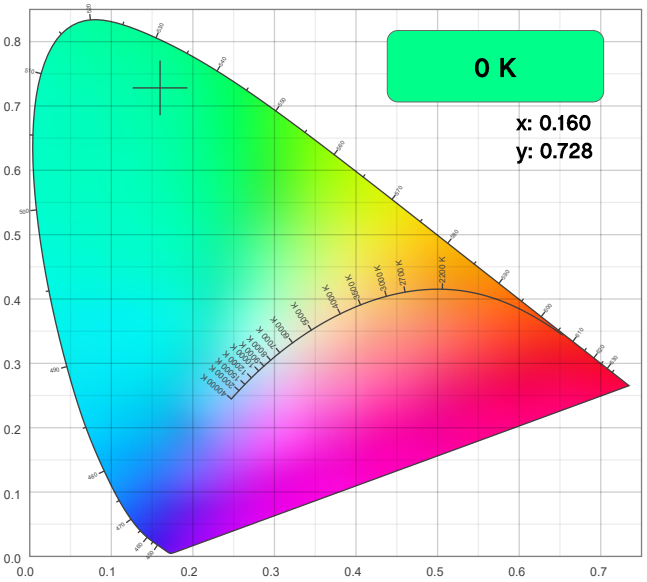
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Chromaticity Report

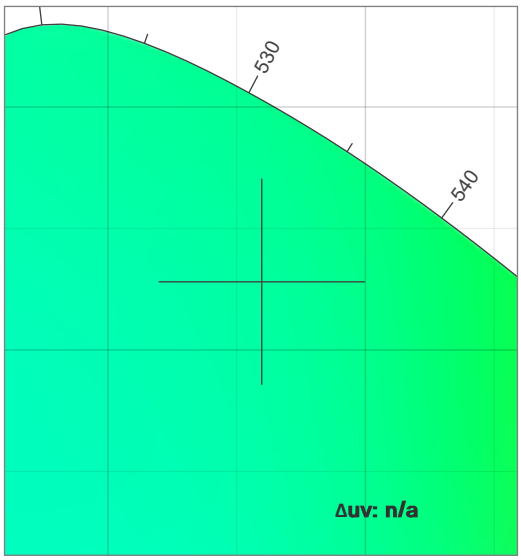
WELL Panel: Green Only

Chromaticity

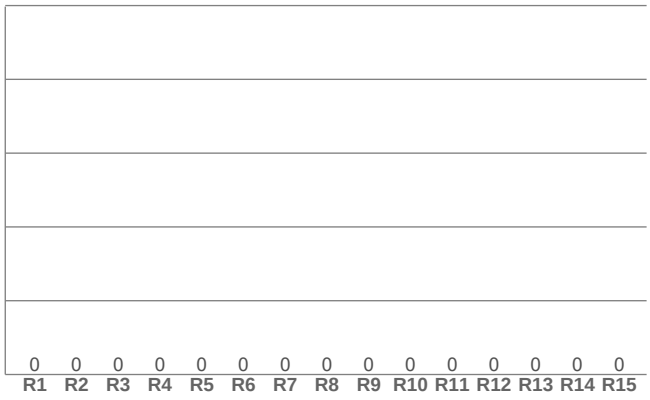
CIE 1931



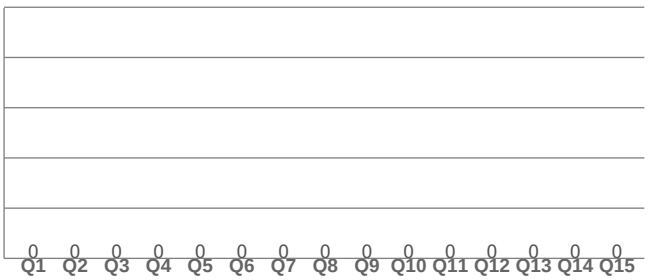
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.160	0.728

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.728	0.056

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

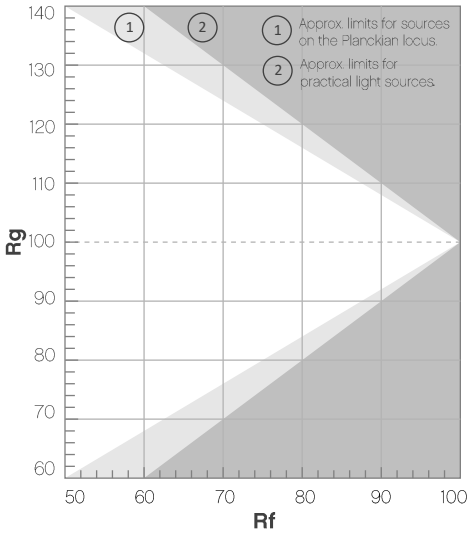
WELL Panel: Green Only

TM-30-18 Details

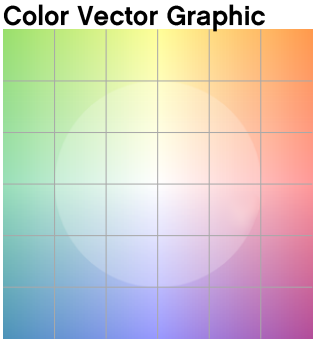
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

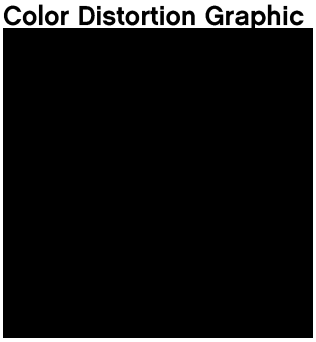
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
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15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



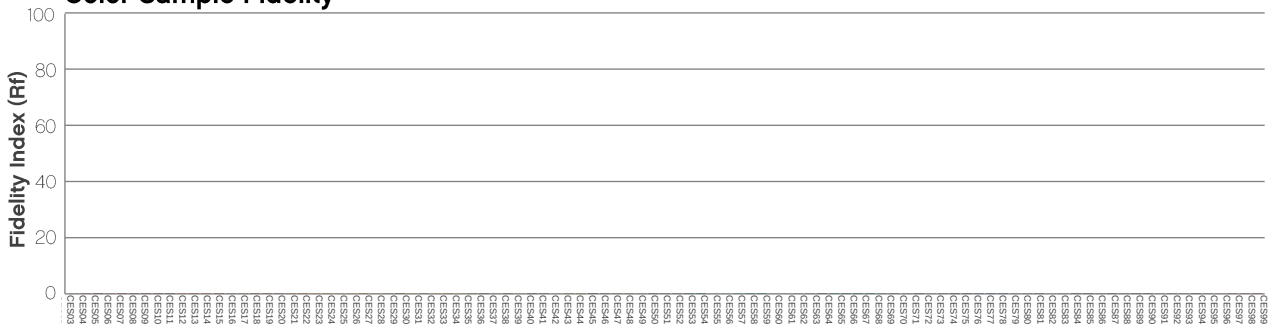
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

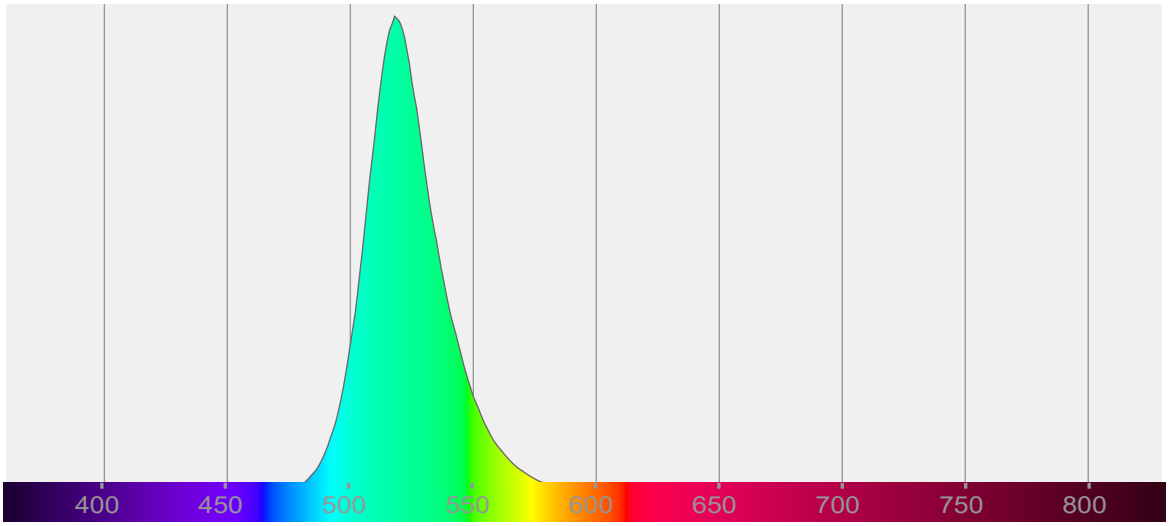
Total Lumens: 917 lm
Peak Intensity: 3130 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.158 Y: 0.729

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

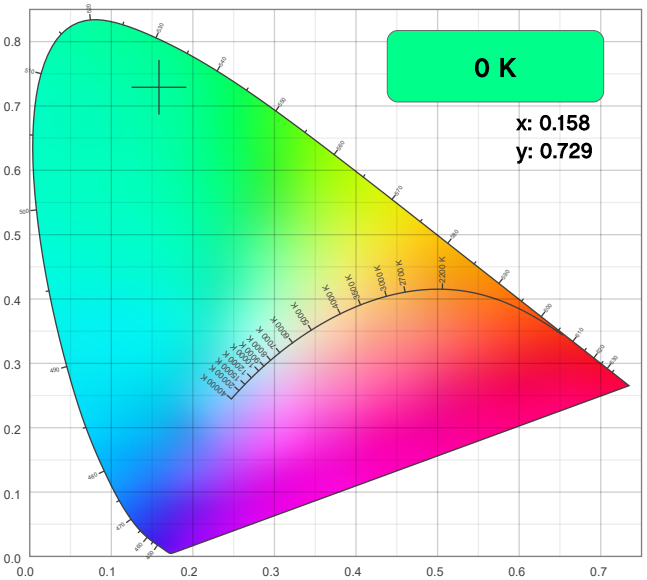
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Chromaticity Report

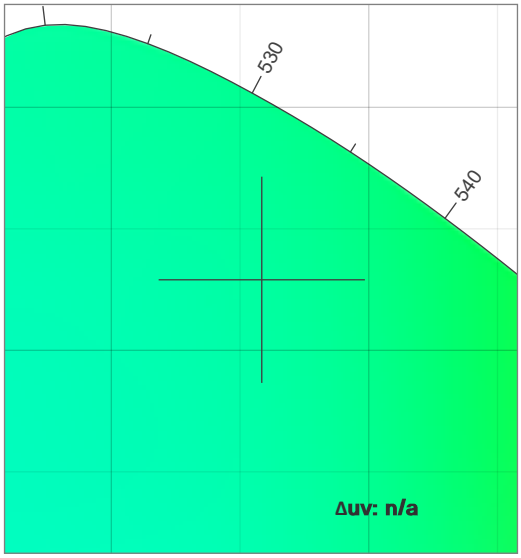
WELL Panel: Green Only

Chromaticity

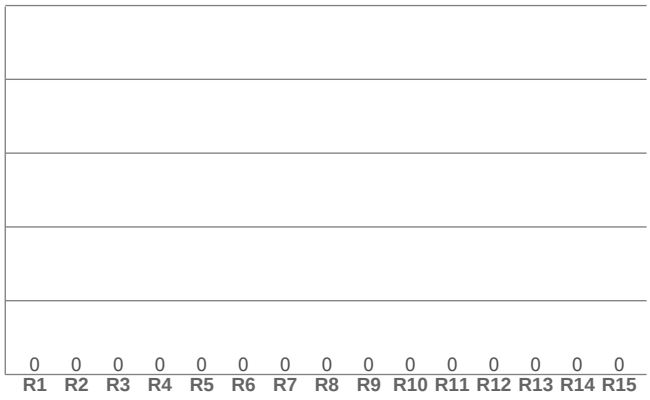
CIE 1931



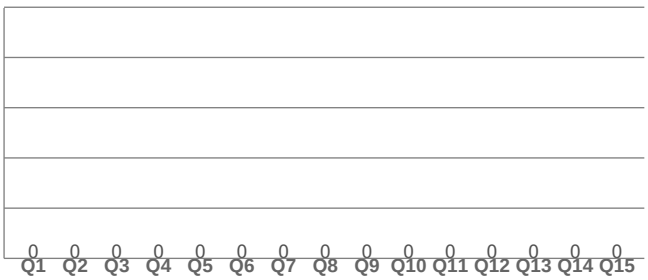
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.158	0.729

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.729	0.055

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

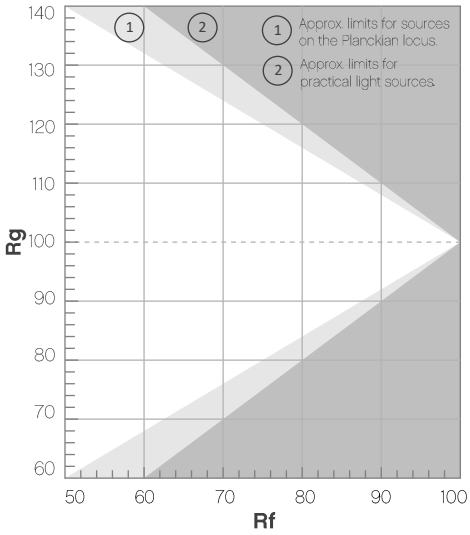
WELL Panel: Green Only

TM-30-18 Details

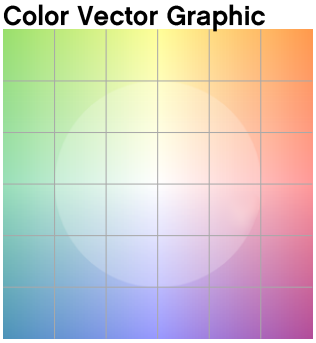
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

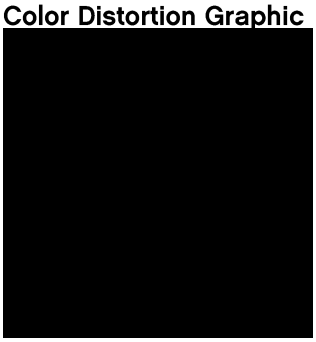
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



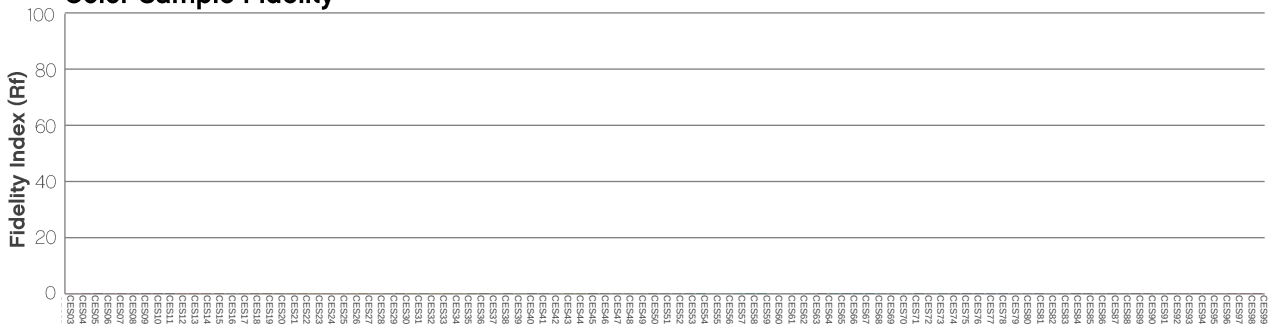
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

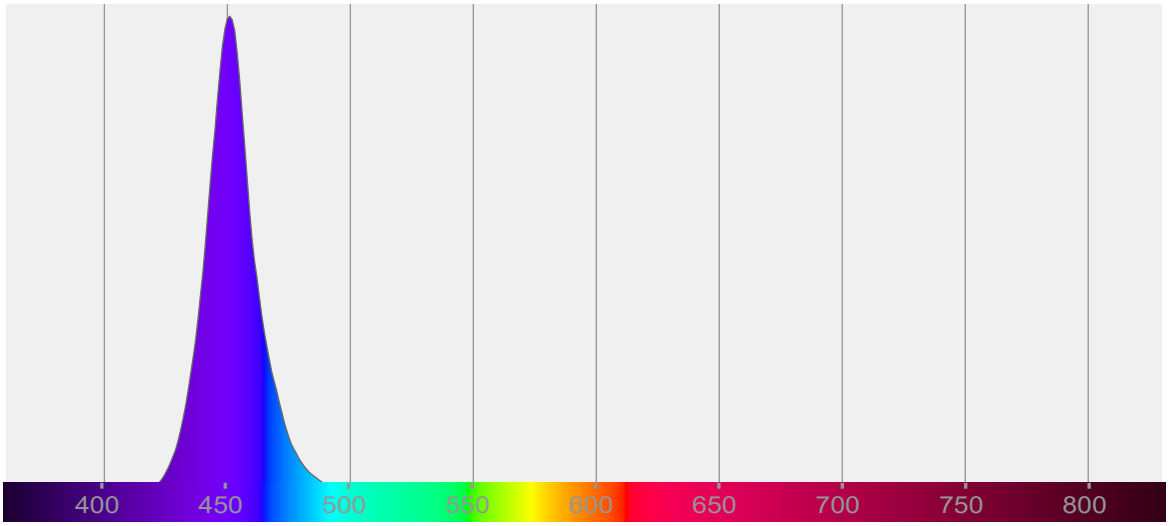
Total Lumens: 928 lm
Peak Intensity: 2880 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

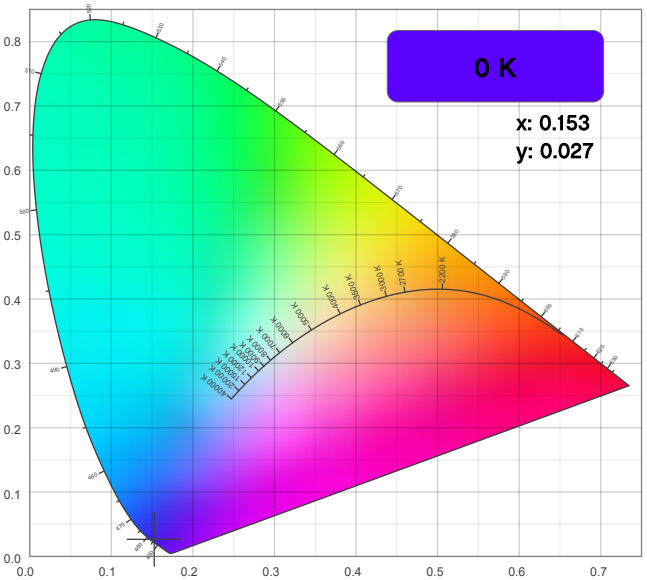
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Chromaticity Report

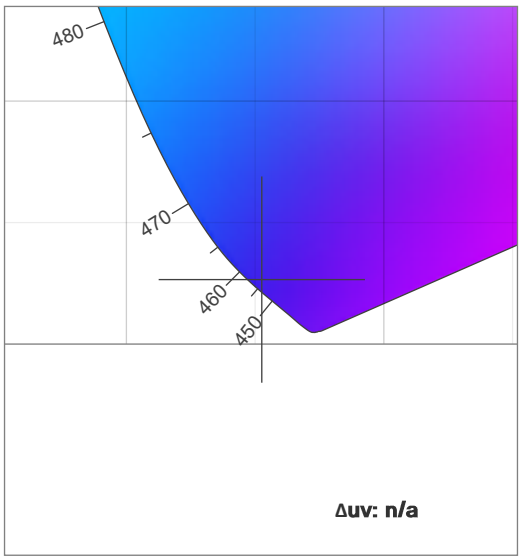
WELL Panel: Blue Only

Chromaticity

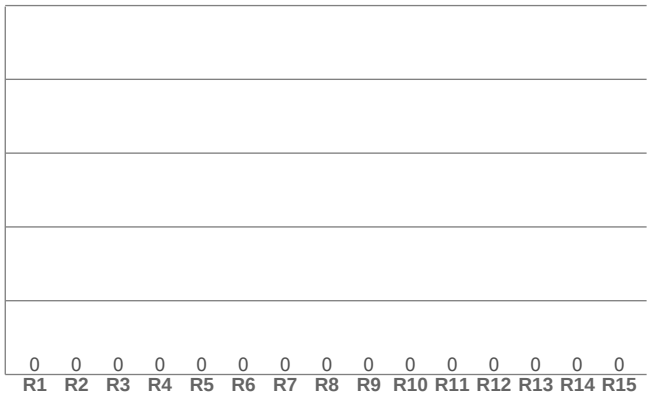
CIE 1931



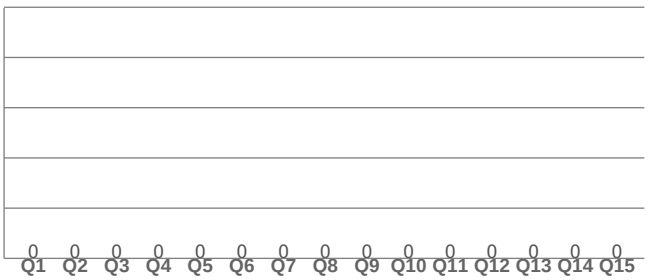
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

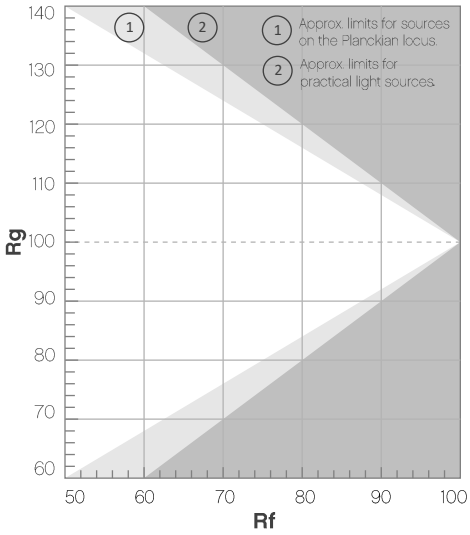
WELL Panel: Blue Only

TM-30-18 Details

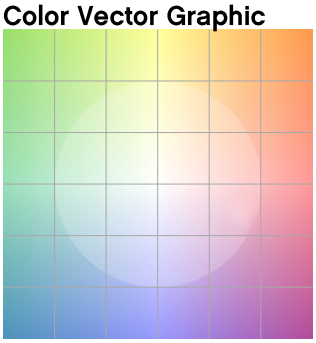
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

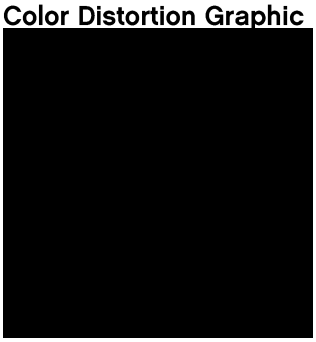
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



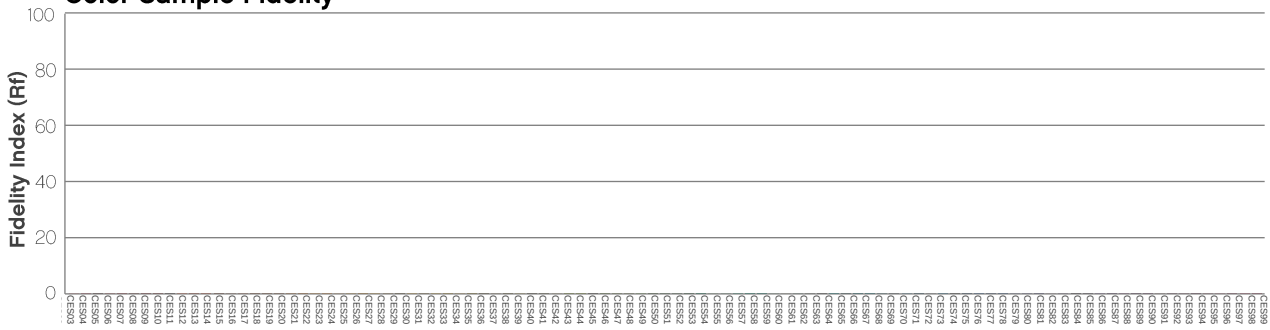
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

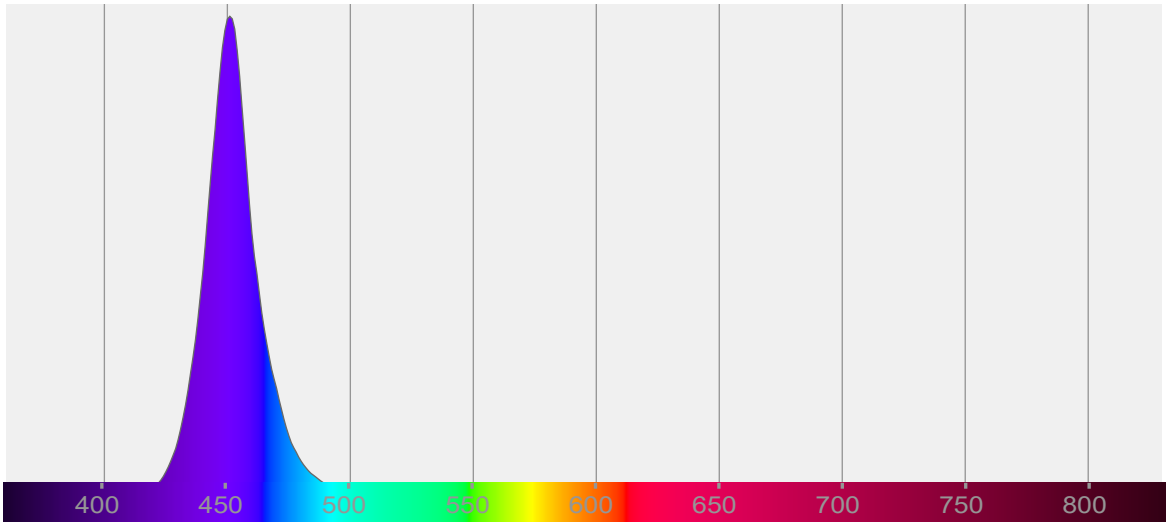
Total Lumens: 948 lm
Peak Intensity: 2893 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.152 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

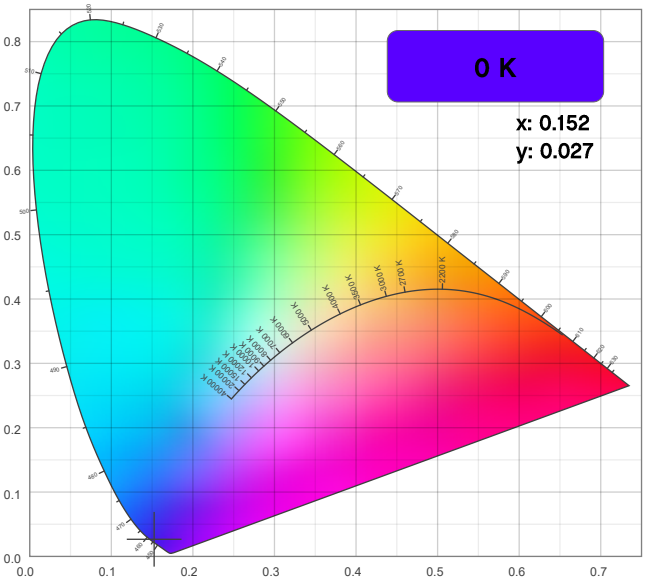
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Chromaticity Report

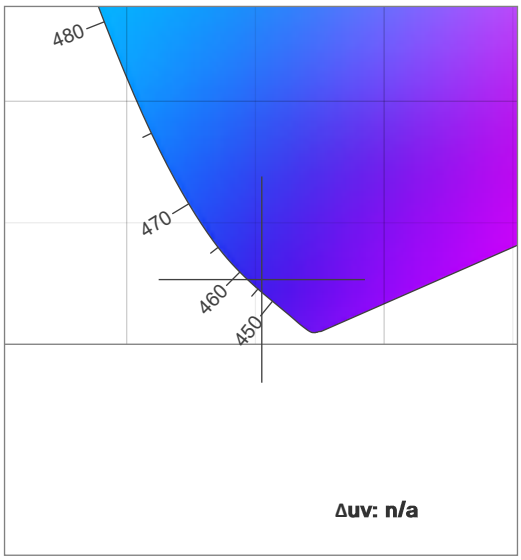
WELL Panel: Blue Only

Chromaticity

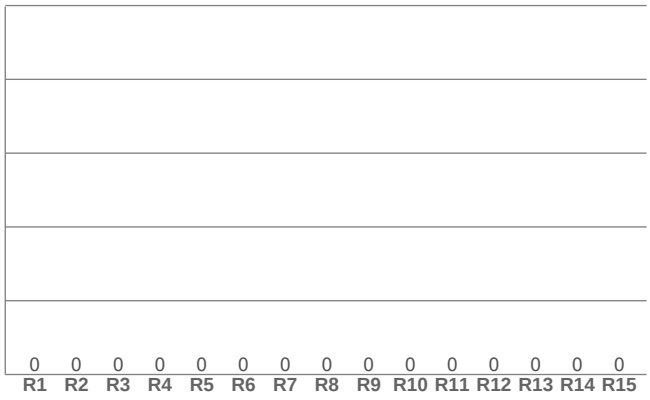
CIE 1931



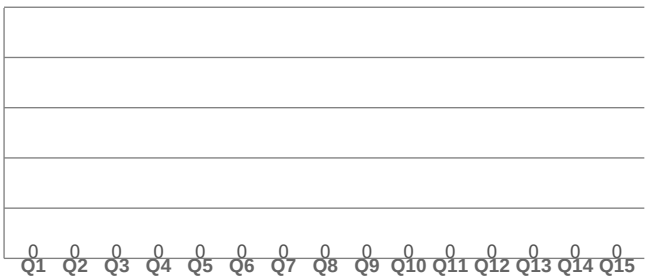
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.152	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

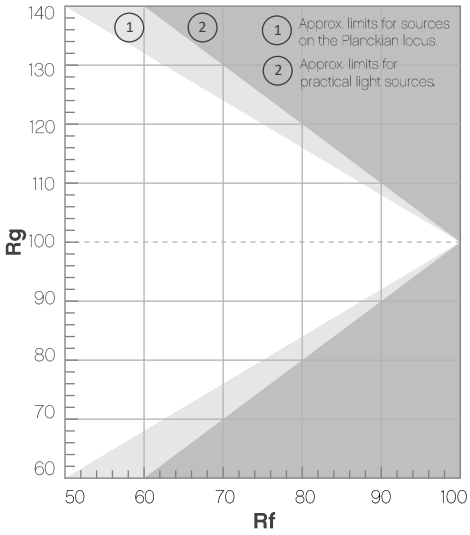
WELL Panel: Blue Only

TM-30-18 Details

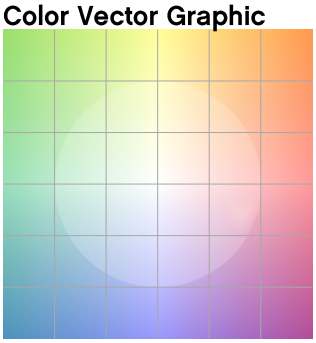
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



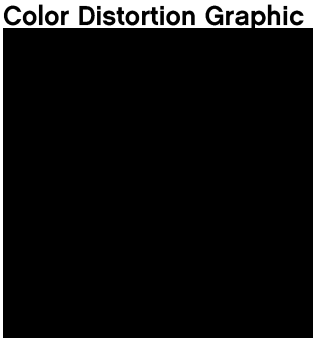
Color Vector Graphic



Rf by Hue Bin



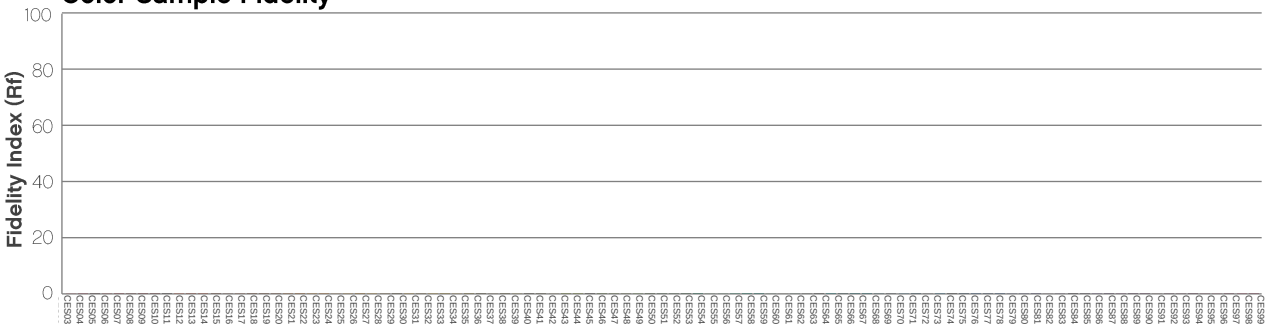
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

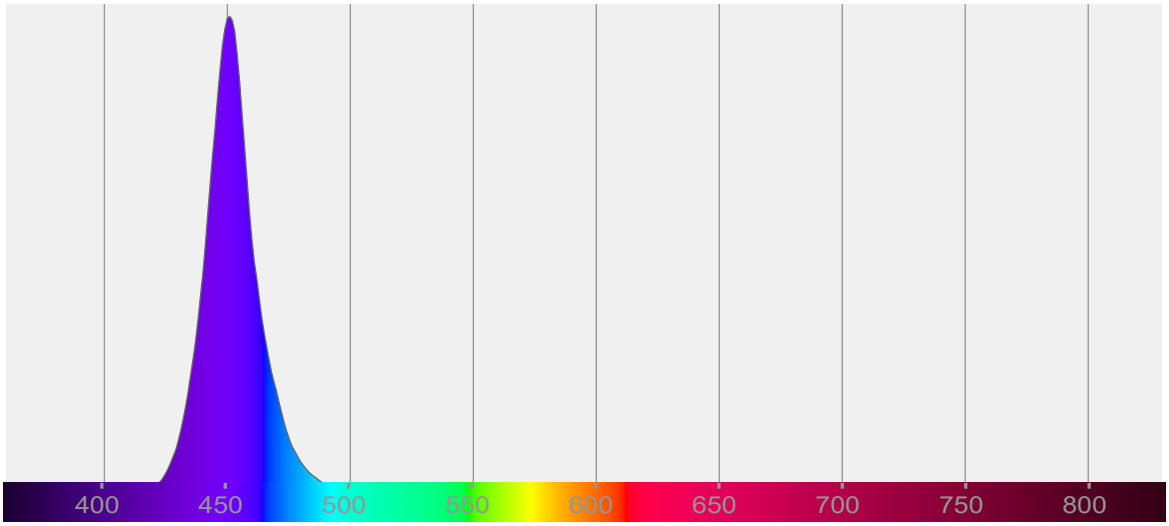
Total Lumens: 438 lm
Peak Intensity: 1408 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

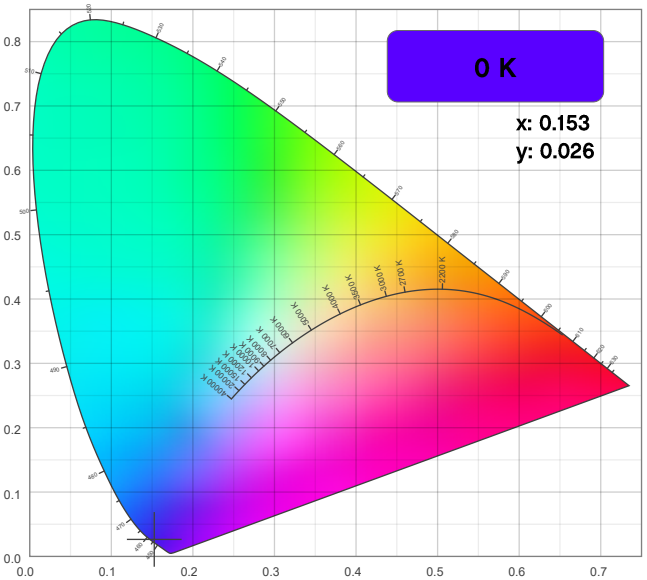
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Chromaticity Report

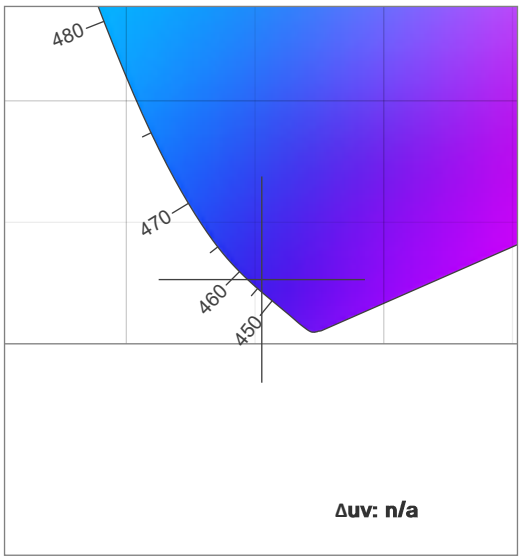
WELL Panel: Blue Only

Chromaticity

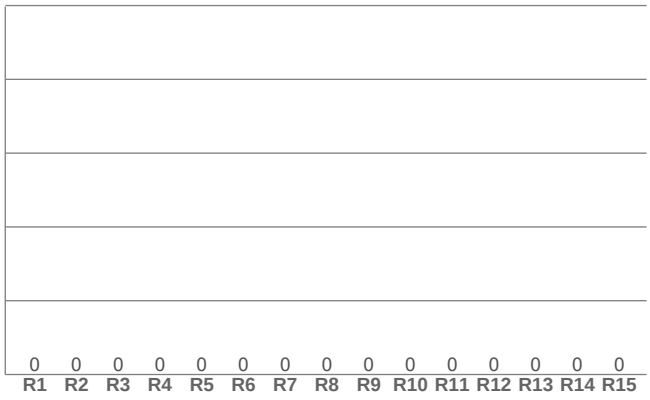
CIE 1931



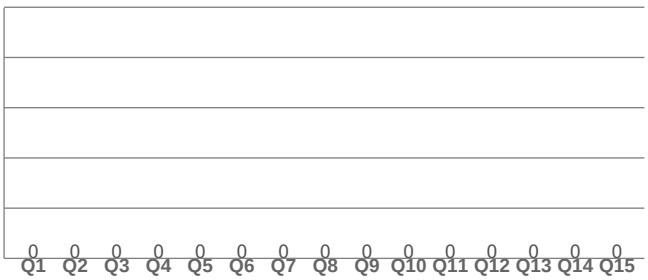
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

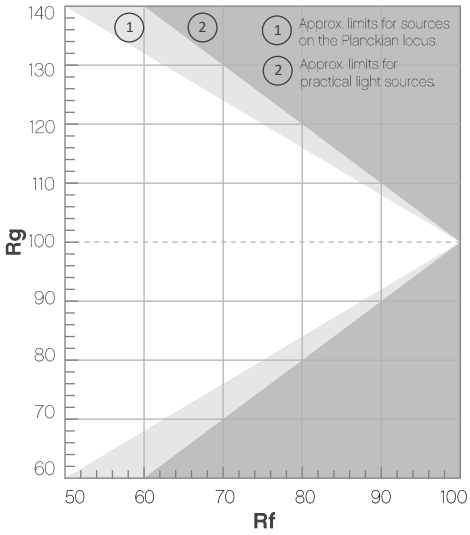
WELL Panel: Blue Only

TM-30-18 Details

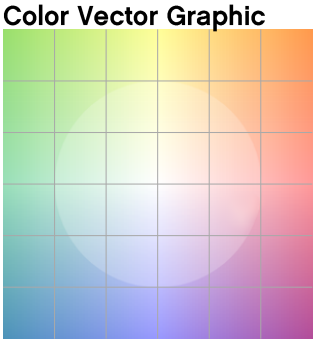
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

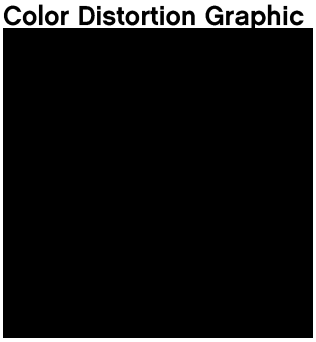
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



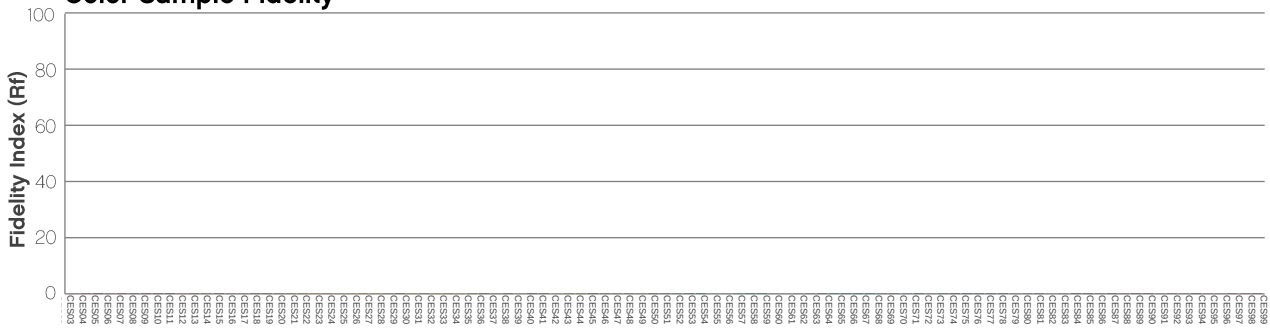
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

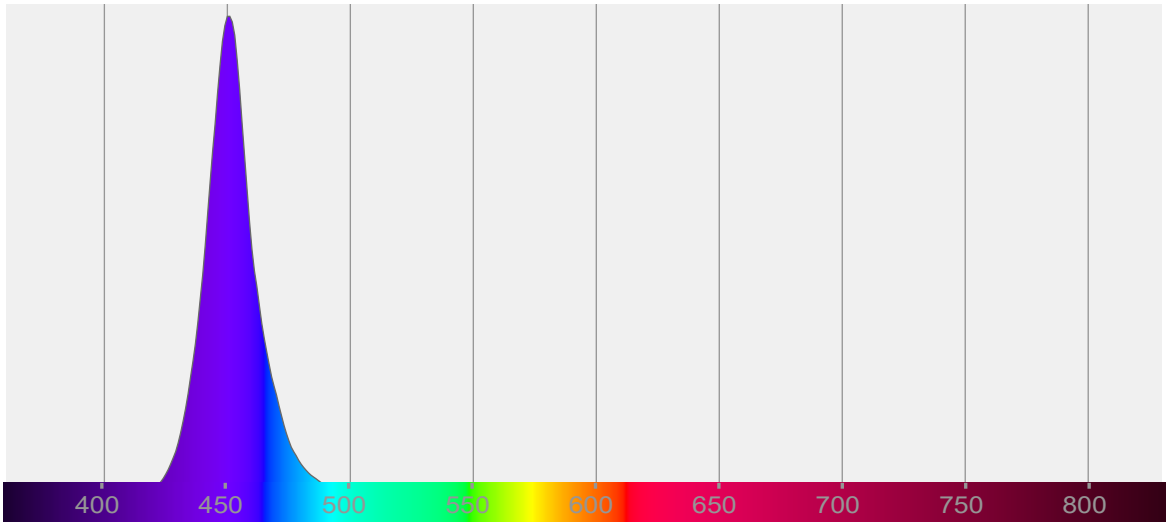
Total Lumens: 272 lm
Peak Intensity: 871 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

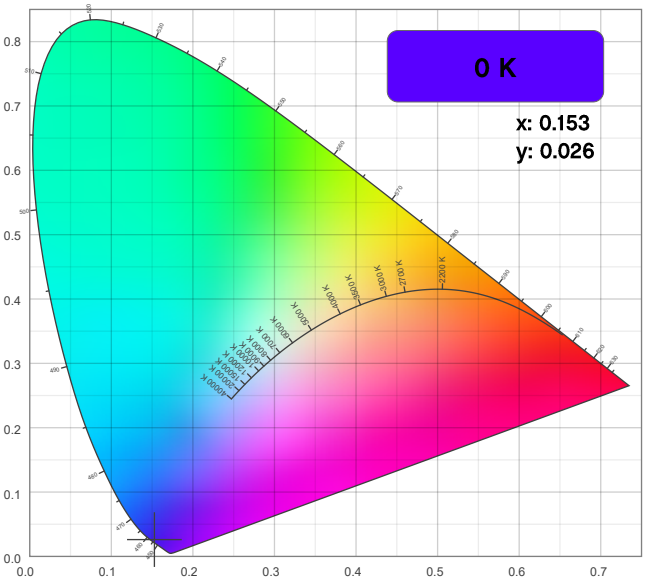
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Chromaticity Report

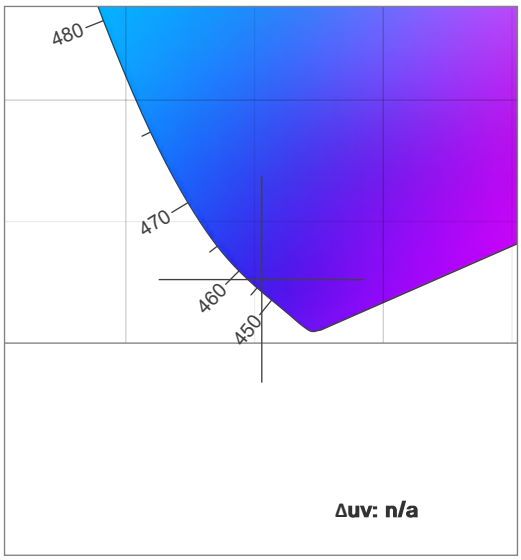
WELL Panel: Blue Only

Chromaticity

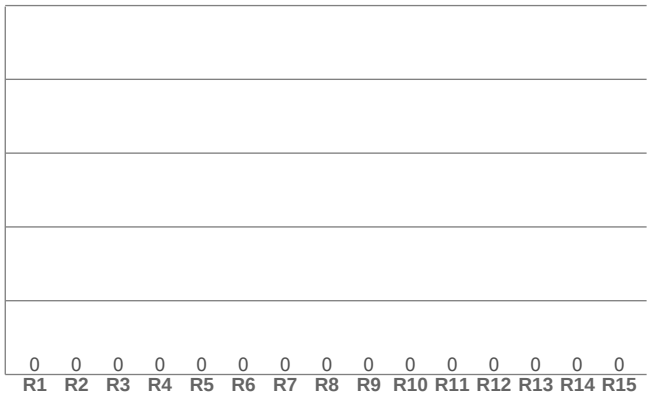
CIE 1931



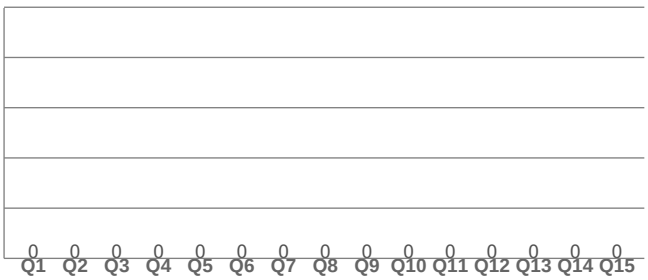
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

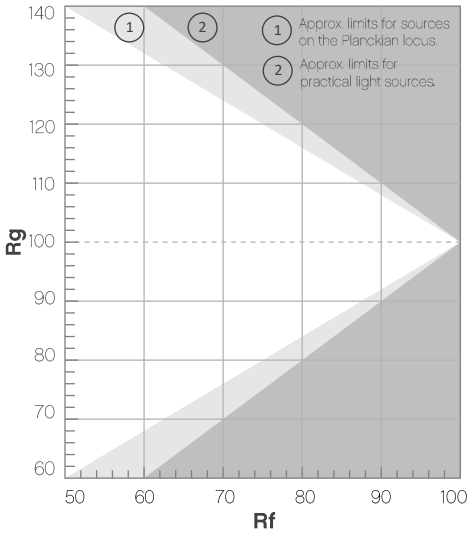
WELL Panel: Blue Only

TM-30-18 Details

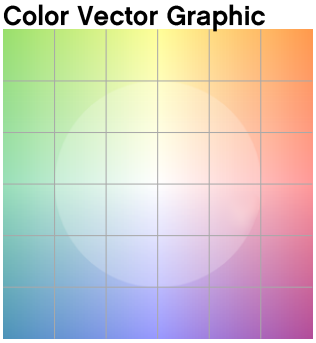
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



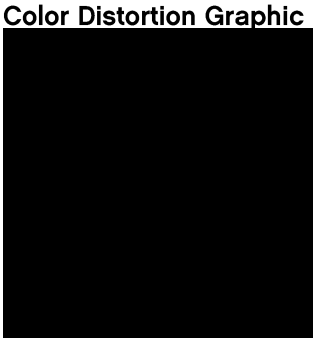
Color Vector Graphic



Rf by Hue Bin



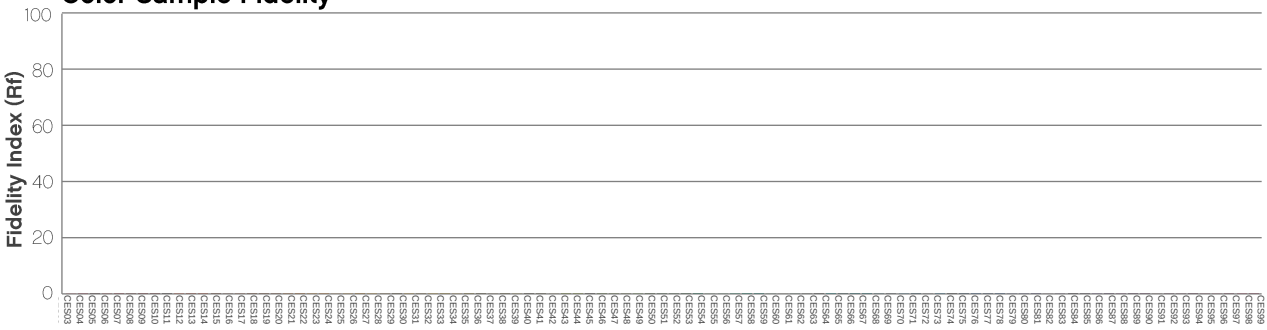
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

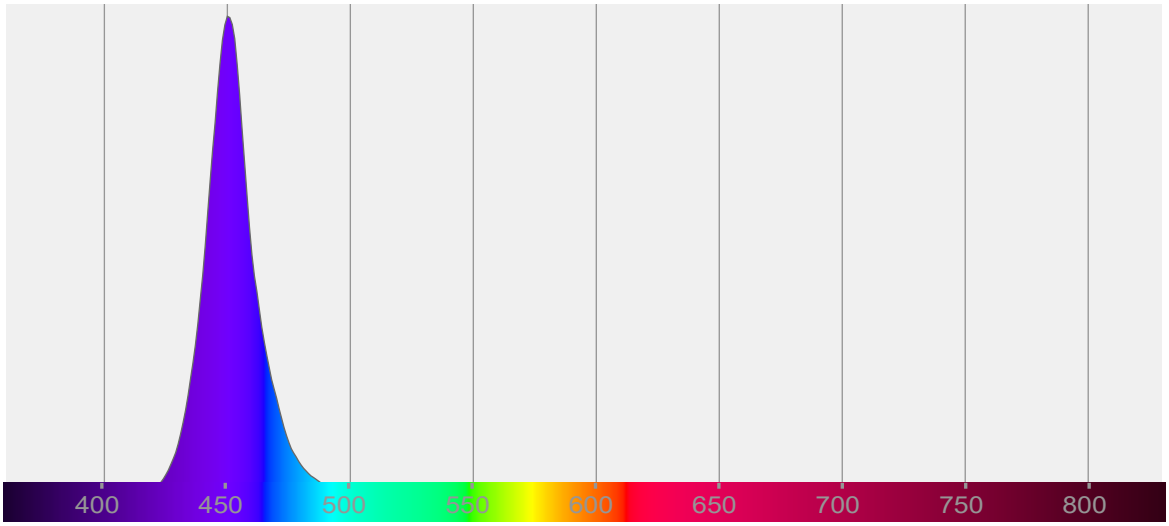
Total Lumens: 184 lm
Peak Intensity: 561 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

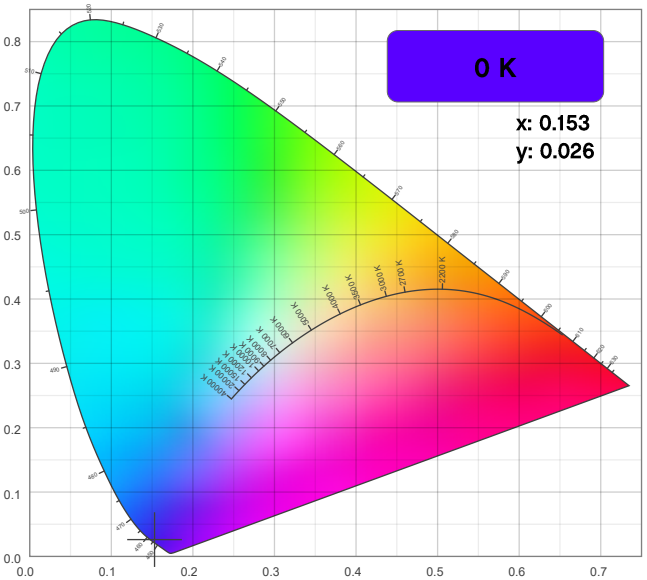
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Chromaticity Report

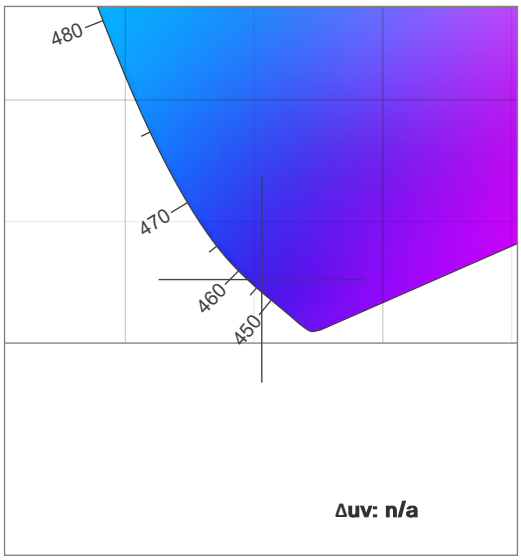
WELL Panel: Blue Only

Chromaticity

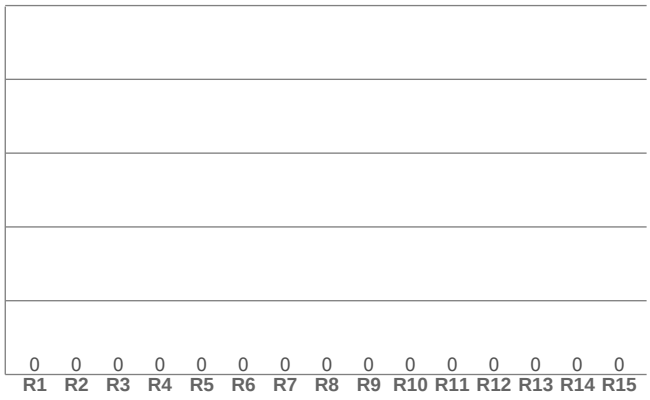
CIE 1931



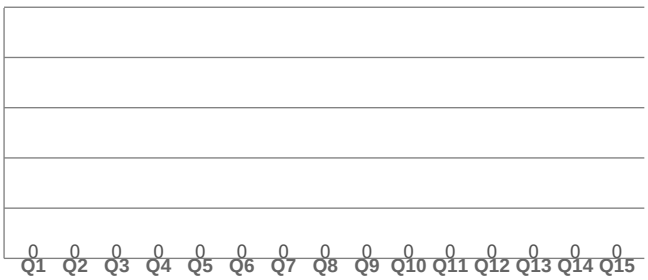
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

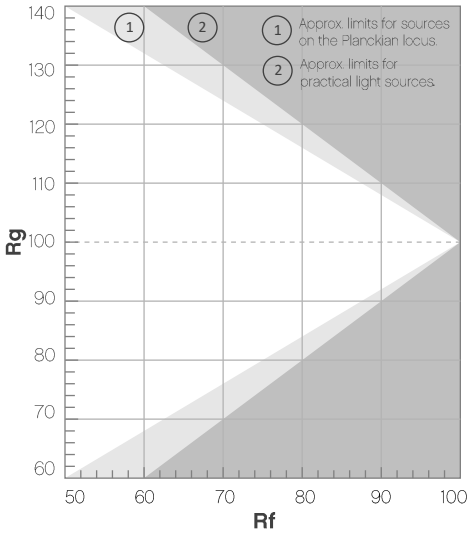
WELL Panel: Blue Only

TM-30-18 Details

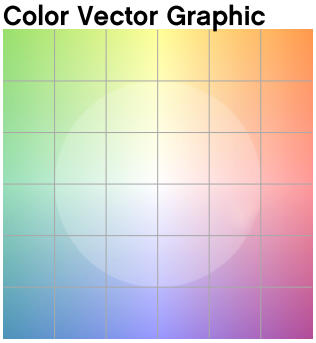
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

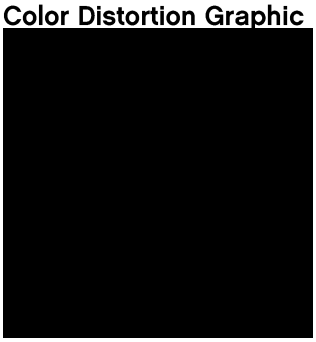
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



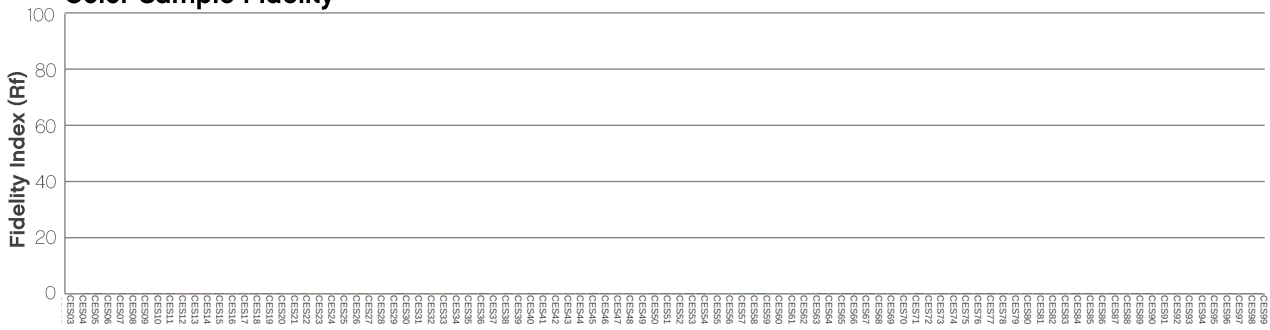
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

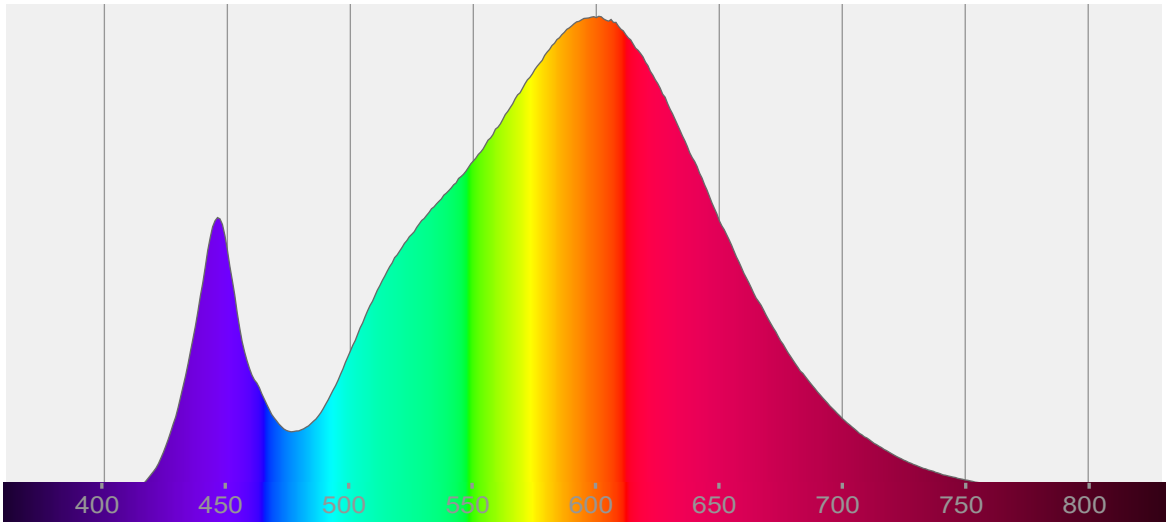
Total Lumens: 3642 lm
Peak Intensity: 12020 cd
Fixture Efficacy: 14 lm/W

Correlated Color Temperature: 3172K
Δuv: 0.0024

CRI: 78.9 CRI R9 Value: -1.2
CQS: 79.0
TLCI: 61
TM-30-18 Rf: 79.0
TM-30-18 Rg: 97.3
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3172 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.407

Color Temperature

3172 K

Light Quality

CRI: 78.9

Notes:

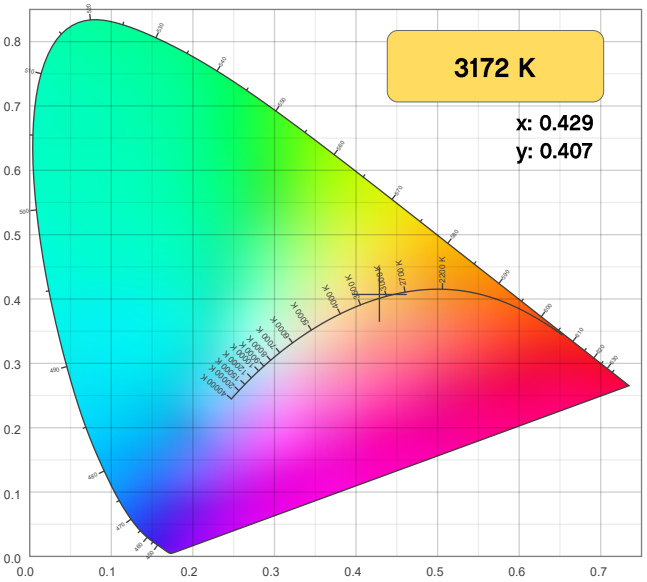
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Chromaticity Report

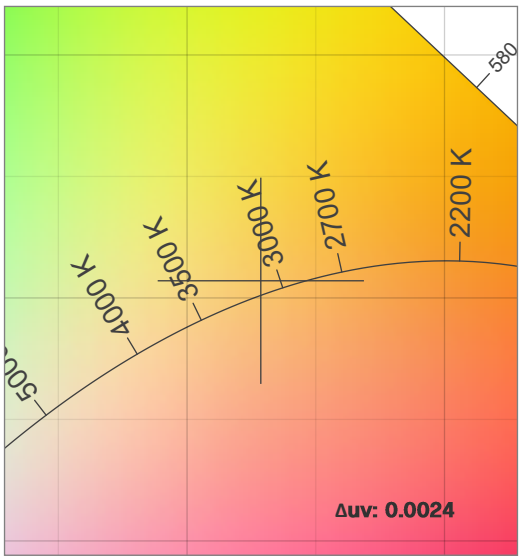
WELL Panel: White Only

Chromaticity

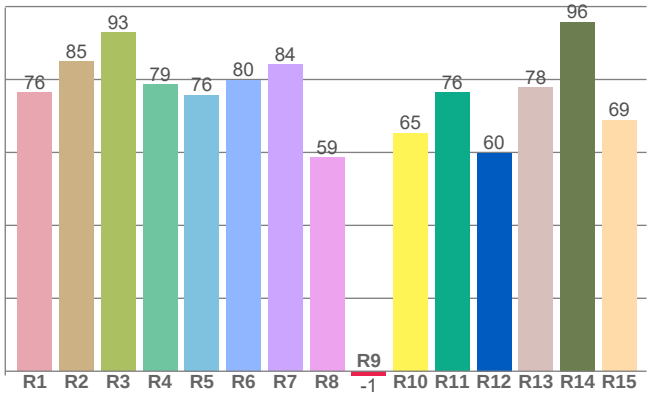
CIE 1931



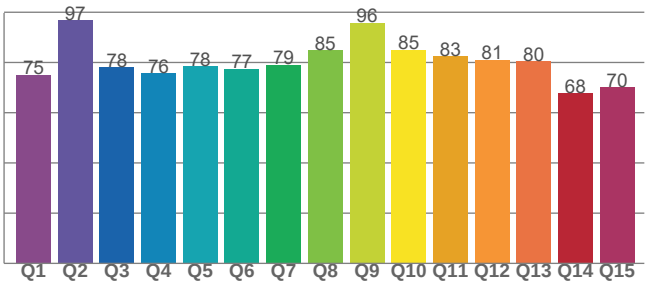
CIE 1931 - Zoom



CRI: 78.9 (R1-R8)



CQS: 79.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3172 K	0.429	0.407

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0024	0.407	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78.9	-1.2	79.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
61	79.0	97.3

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Chromaticity Report

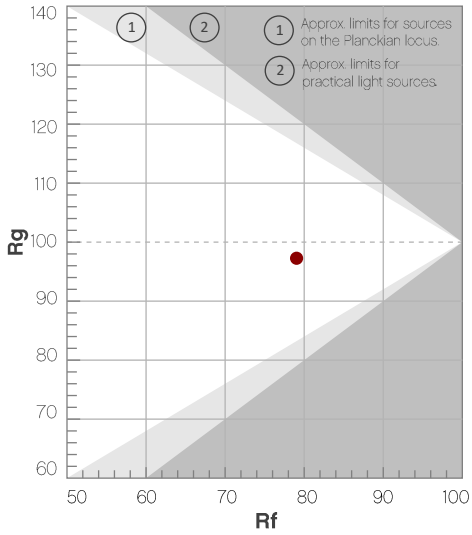
WELL Panel: White Only

TM-30-18 Details

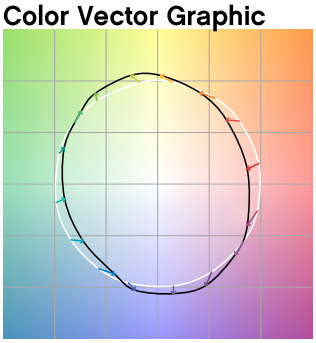
Rf 79.0
Fidelity Index (Rg)

Rg 97.3
Gamut Index (Rg)

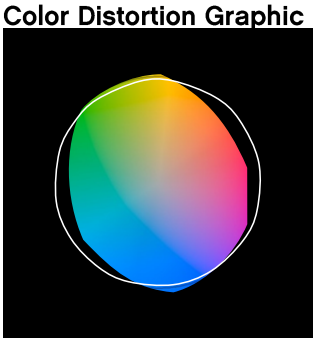
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	68	-4%	15%
4	77	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-4%	-6%
9	85	-9%	-2%
10	76	-9%	7%
11	72	-4%	16%
12	83	6%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-15%



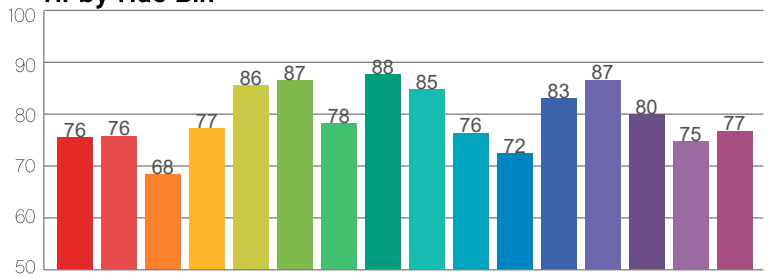
Color Vector Graphic



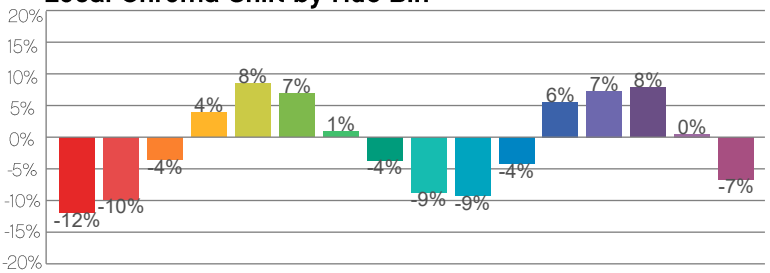
Color Distortion Graphic



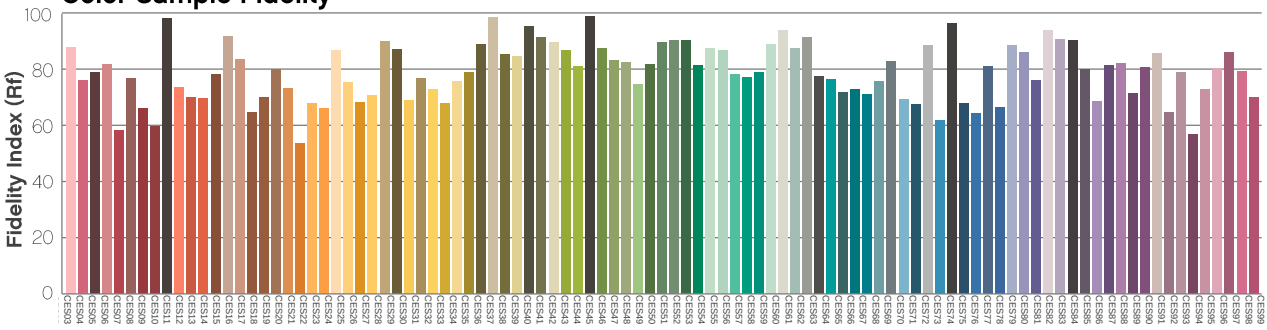
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

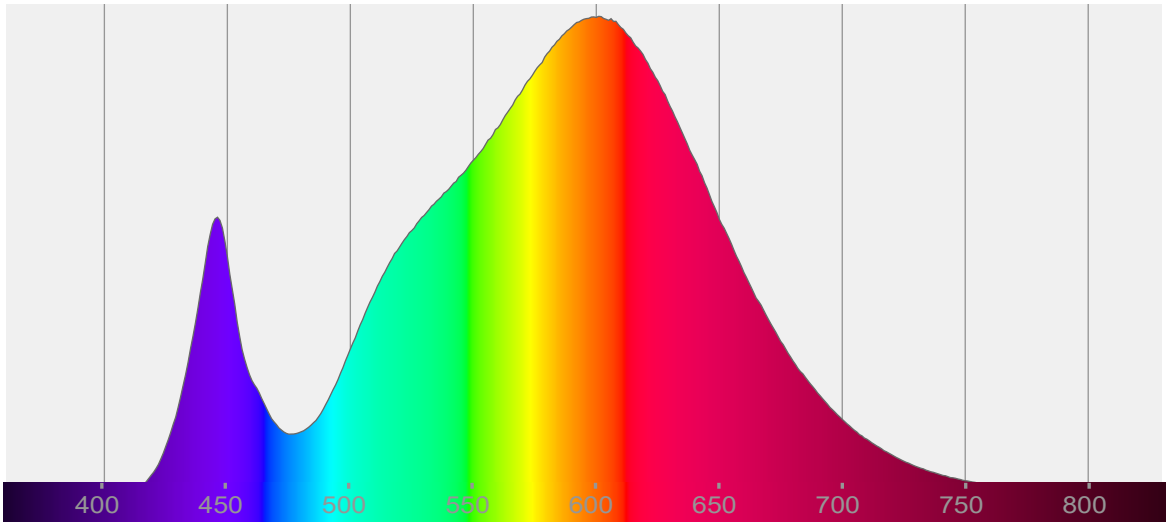
Total Lumens: 1762 lm
Peak Intensity: 6056 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3172K
Δuv: 0.0029

CRI: 79.2 CRI R9 Value: -0.1
CQS: 79.4
TLCI: 62
TM-30-18 Rf: 79.3
TM-30-18 Rg: 97.4
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3172 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.408

Color Temperature

3172 K

Light Quality

CRI: 79.2

Notes:

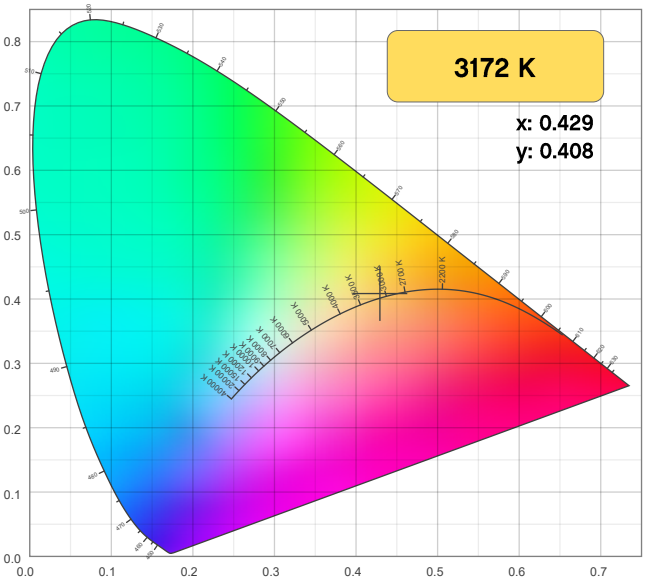
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Chromaticity Report

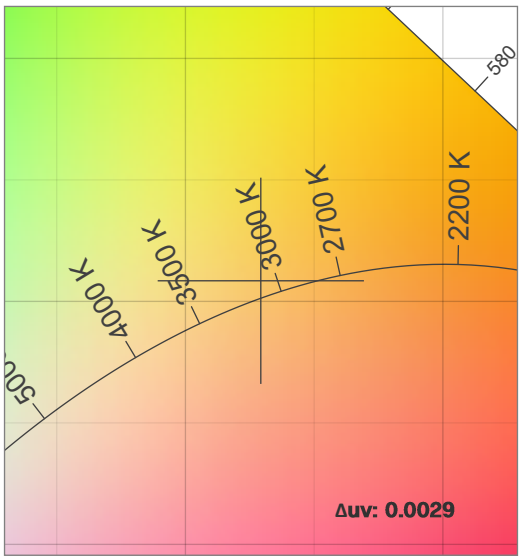
WELL Panel: White Only

Chromaticity

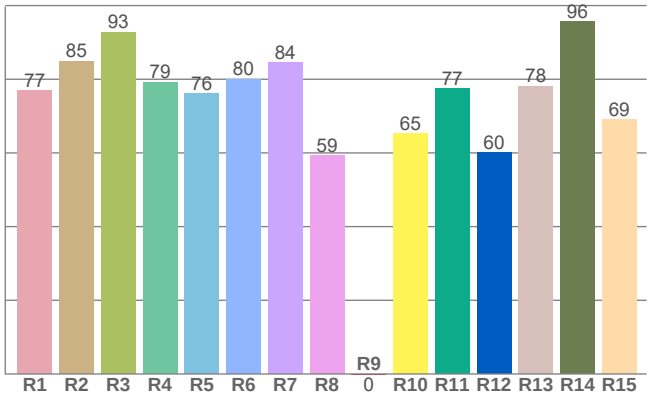
CIE 1931



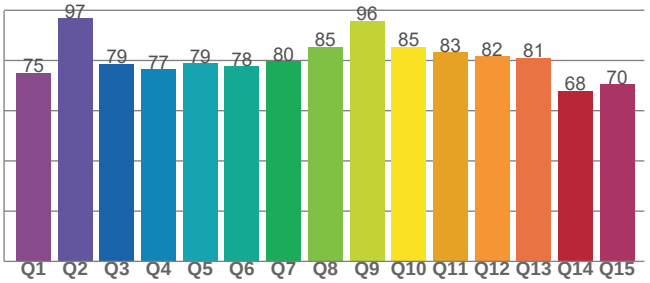
CIE 1931 - Zoom



CRI: 79.2 (R1-R8)



CQS: 79.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3172 K	0.429	0.408

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0029	0.408	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.2	-0.1	79.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.3	97.4

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Chromaticity Report

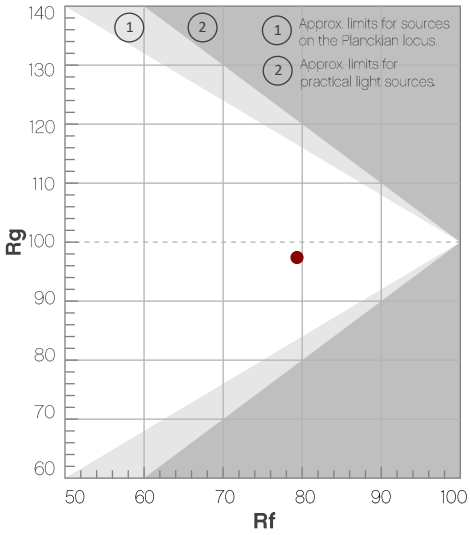
WELL Panel: White Only

TM-30-18 Details

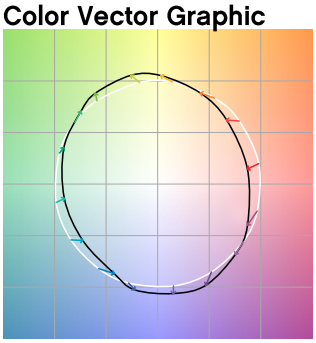
Rf 79.3
Fidelity Index (Rg)

Rg 97.4
Gamut Index (Rg)

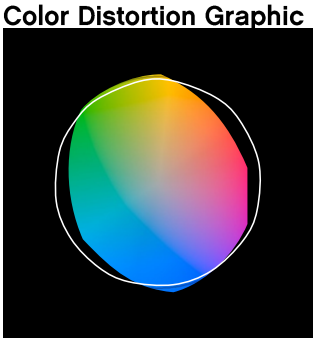
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	69	-4%	14%
4	78	4%	12%
5	86	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-9%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	1%	-15%
16	77	-7%	-15%



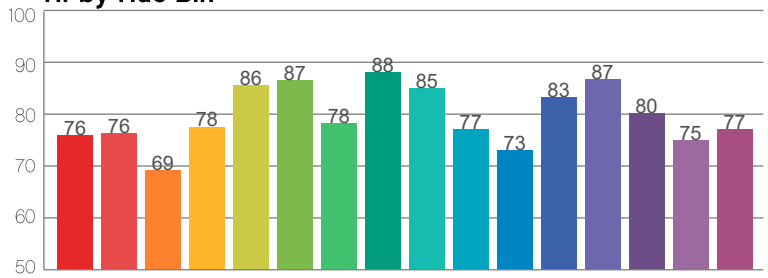
Color Vector Graphic



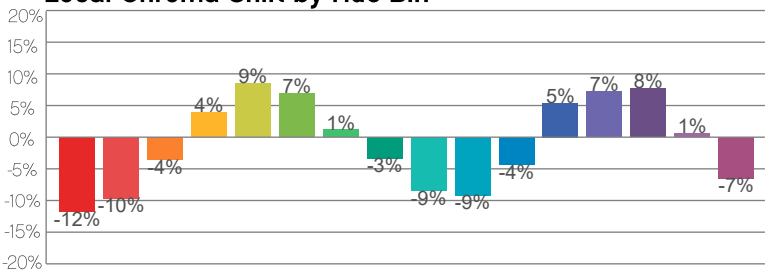
Color Distortion Graphic



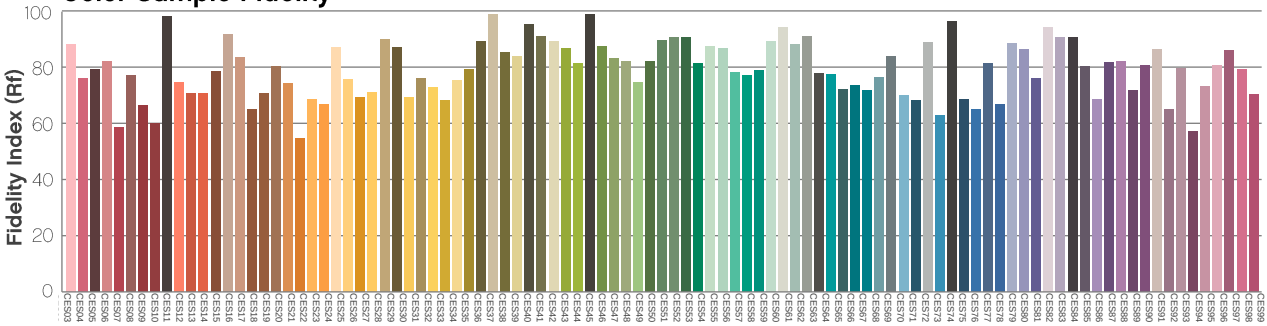
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

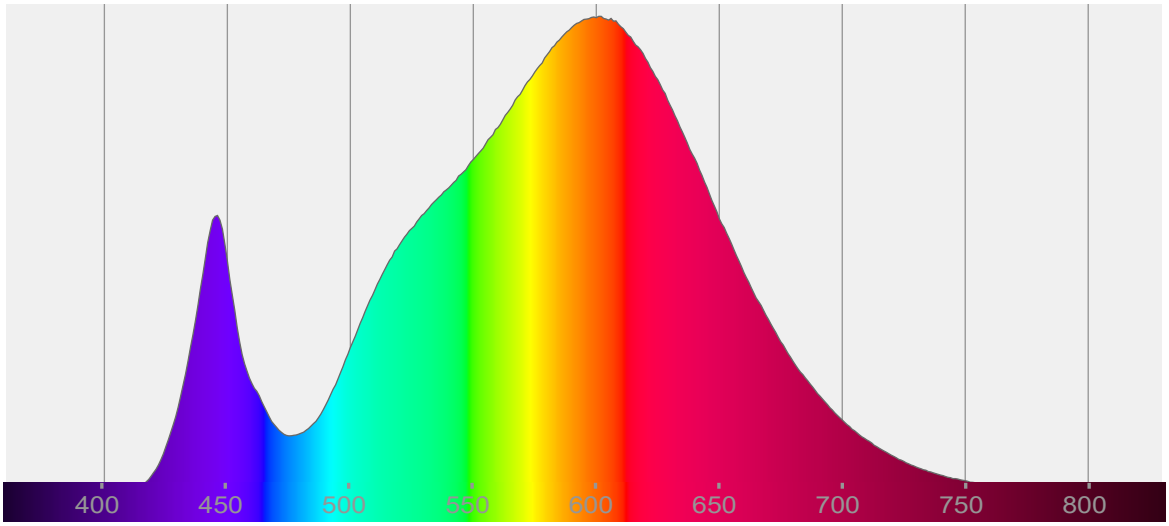
Total Lumens: 1107 lm
Peak Intensity: 3805 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3175K
Δuv: 0.0032

CRI: 79.3 CRI R9 Value: 0.3
CQS: 79.6
TLCI: 62
TM-30-18 Rf: 79.5
TM-30-18 Rg: 97.5
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3175 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.409

Color Temperature

3175 K

Light Quality

CRI: 79.3

Notes:

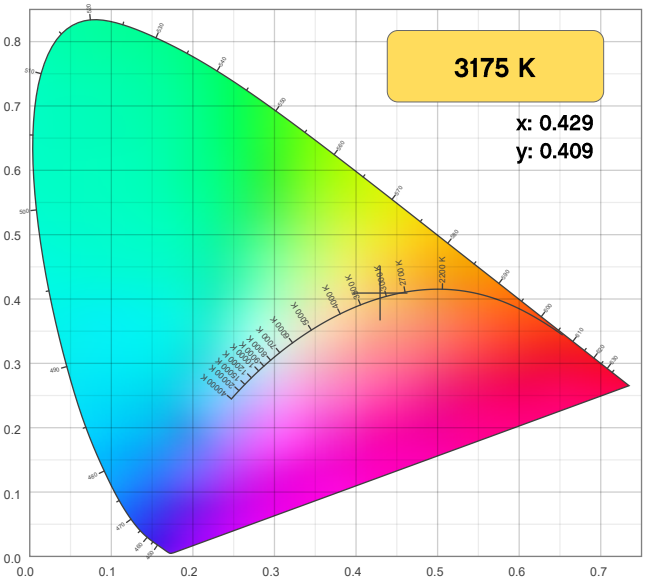
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Chromaticity Report

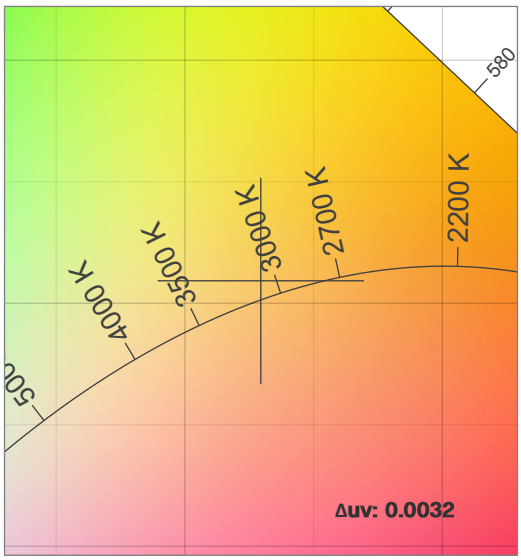
WELL Panel: White Only

Chromaticity

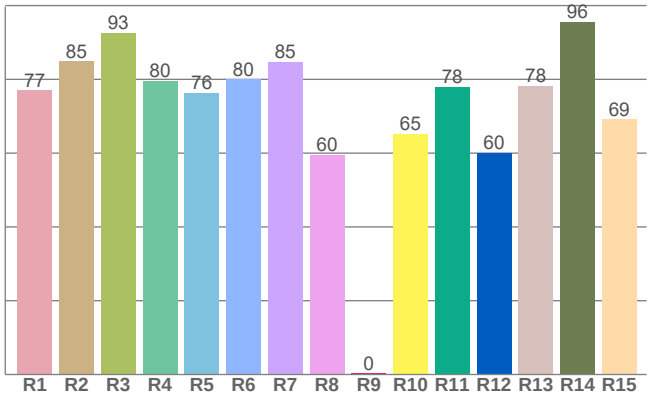
CIE 1931



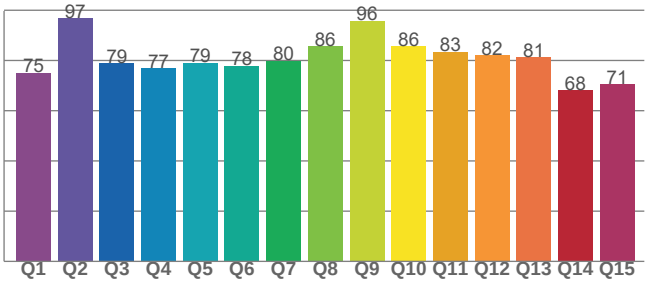
CIE 1931 - Zoom



CRI: 79.3 (R1-R8)



CQS: 79.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3175 K	0.429	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0032	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	0.3	79.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.5	97.5

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Chromaticity Report

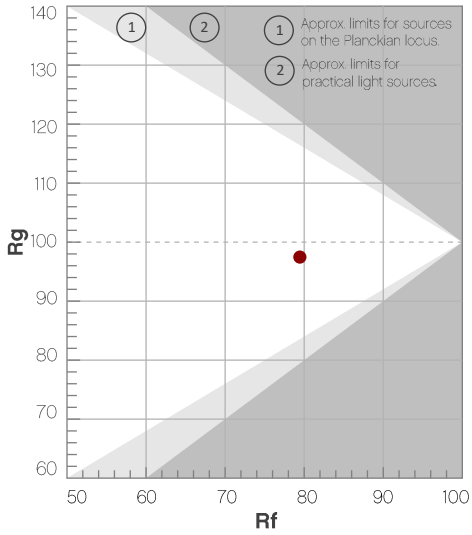
WELL Panel: White Only

TM-30-18 Details

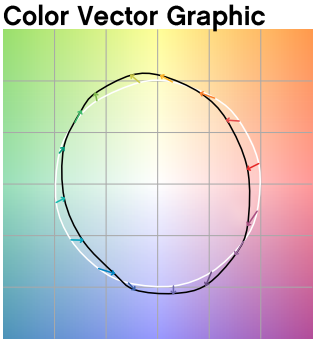
Rf 79.5
Fidelity Index (Rg)

Rg 97.5
Gamut Index (Rg)

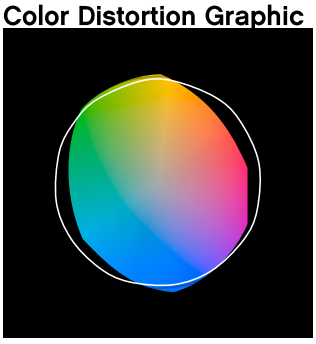
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	69	-4%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-1%
14	80	8%	-11%
15	75	1%	-15%
16	77	-6%	-15%



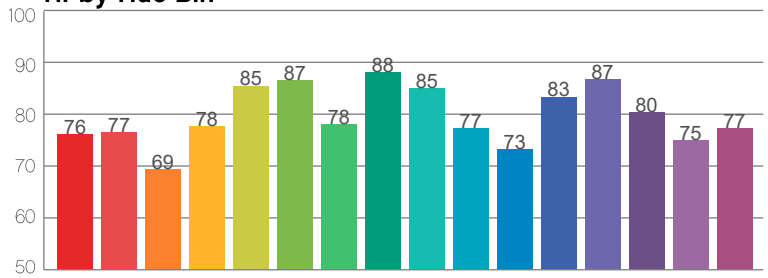
Color Vector Graphic



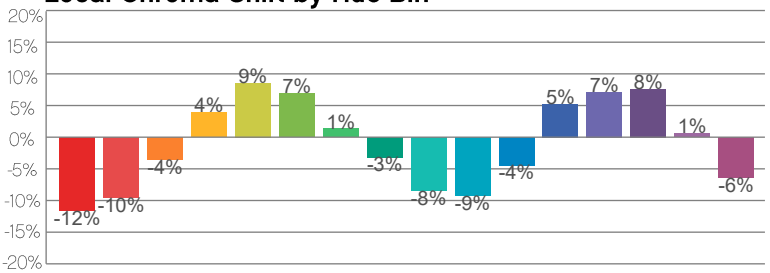
Color Distortion Graphic



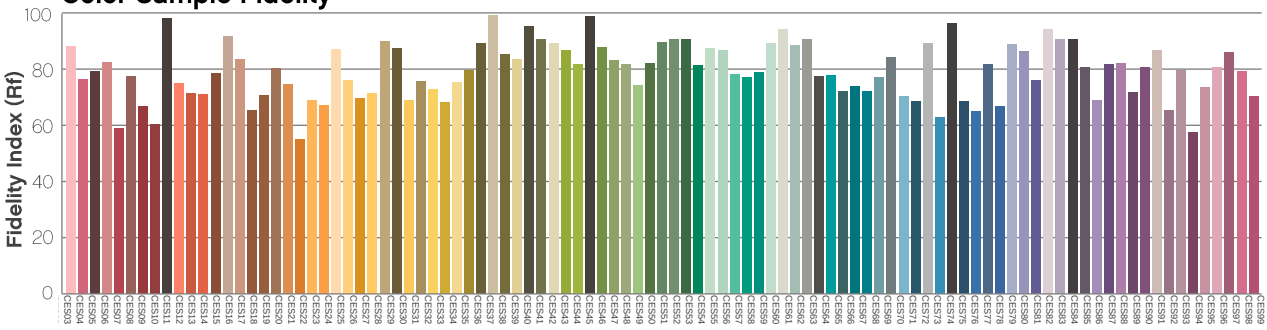
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

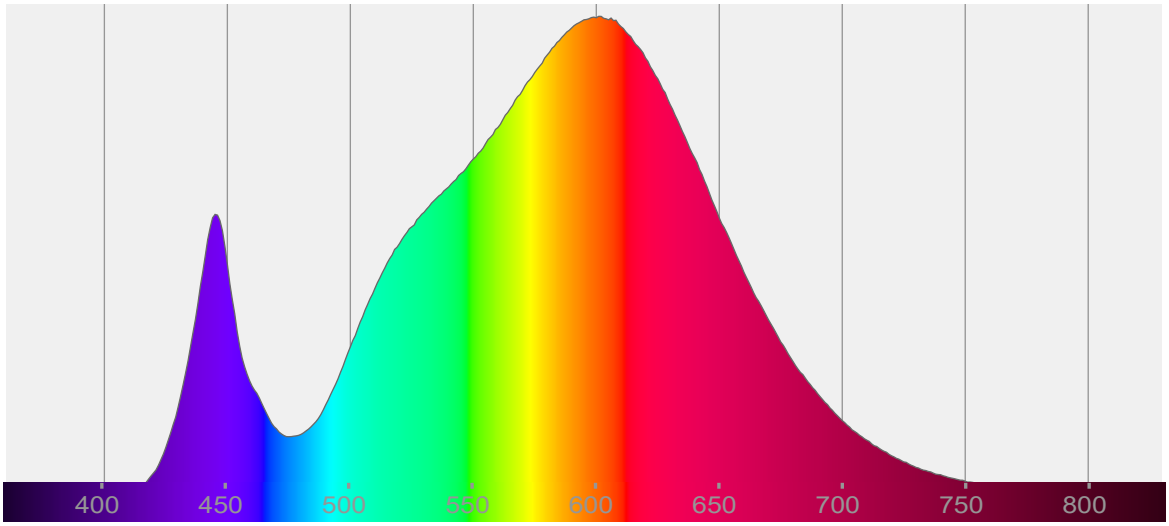
Total Lumens: 723 lm
Peak Intensity: 2472 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3176K
Δuv: 0.0034

CRI: 79.4 CRI R9 Value: 0.6
CQS: 79.7
TLCI: 62
TM-30-18 Rf: 79.5
TM-30-18 Rg: 97.5
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 445 nM



Spectral Distribution



Tested Color

3176 K
CIE 1931 Coordinates:
X: 0.430 Y: 0.410

Color Temperature

3176 K

Light Quality

CRI: 79.4

Notes:

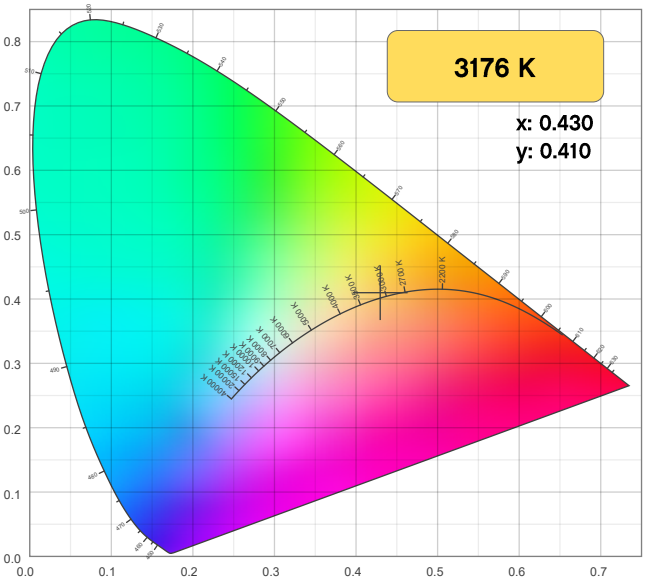
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Chromaticity Report

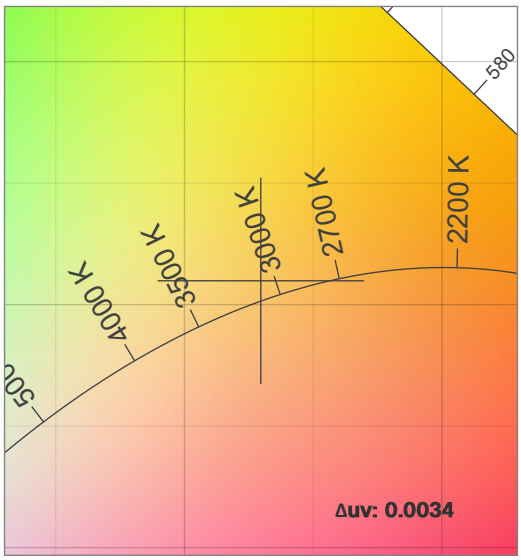
WELL Panel: White Only

Chromaticity

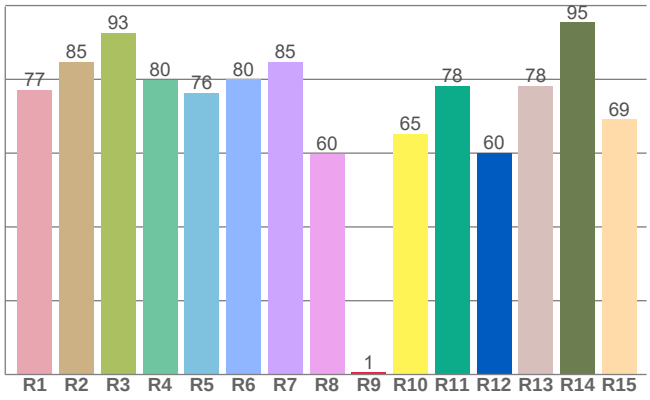
CIE 1931



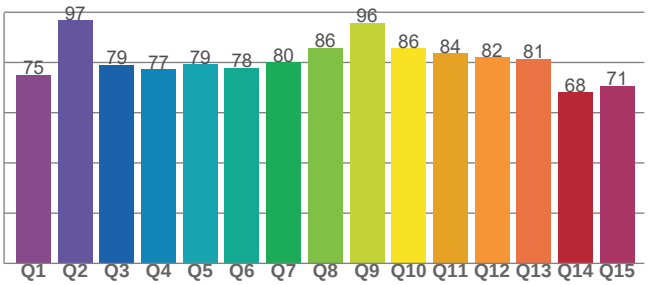
CIE 1931 - Zoom



CRI: 79.4 (R1-R8)



CQS: 79.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3176 K	0.430	0.410

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0034	0.410	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.4	0.6	79.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.5	97.5

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Chromaticity Report

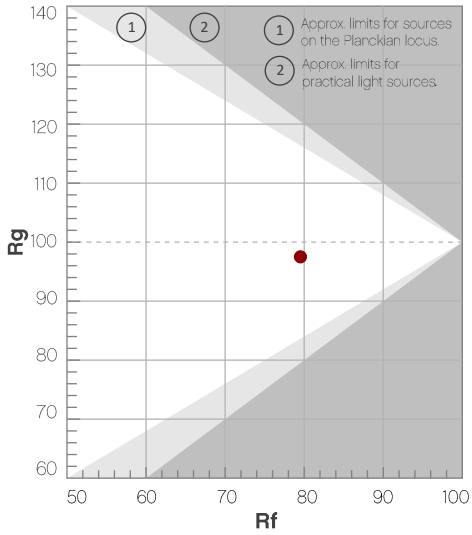
WELL Panel: White Only

TM-30-18 Details

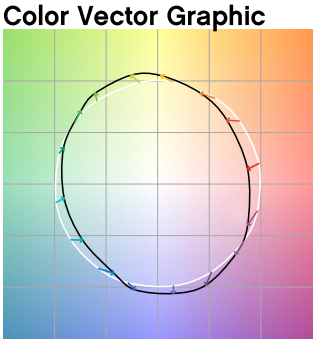
Rf 79.5
Fidelity Index (Rg)

Rg 97.5
Gamut Index (Rg)

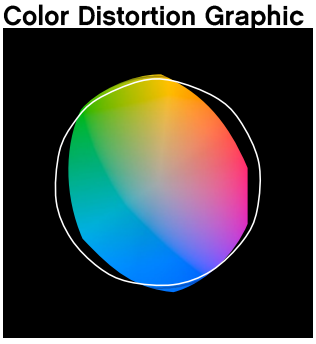
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	70	-4%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-3%
10	77	-9%	6%
11	73	-5%	15%
12	83	5%	7%
13	87	7%	-1%
14	80	8%	-11%
15	75	1%	-15%
16	77	-6%	-15%



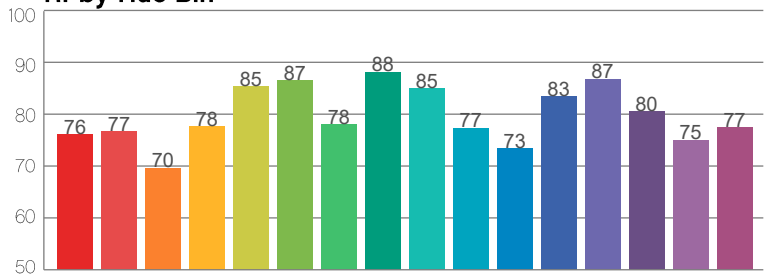
Color Vector Graphic



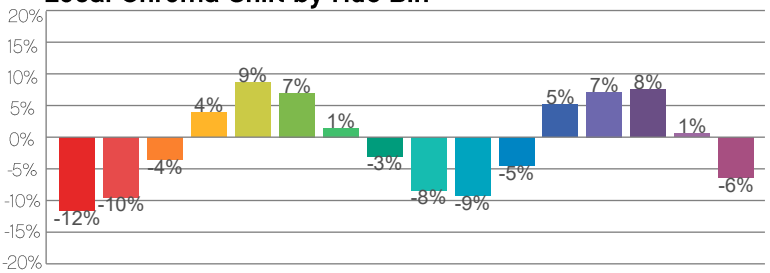
Color Distortion Graphic



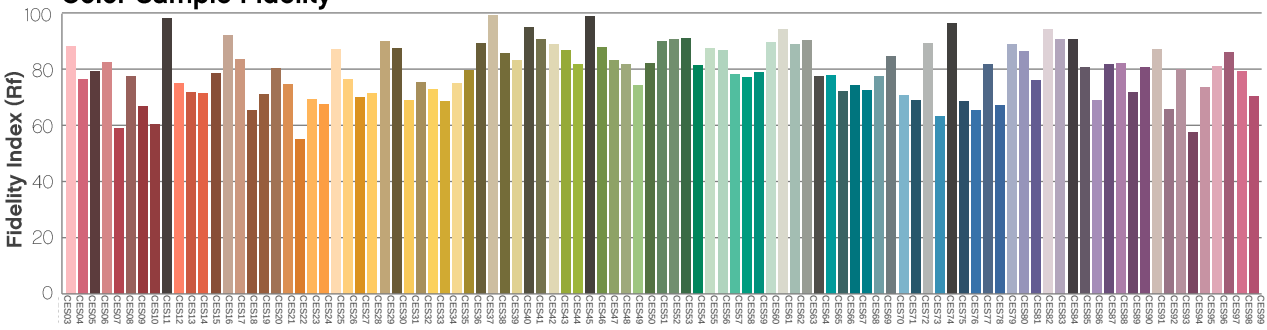
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

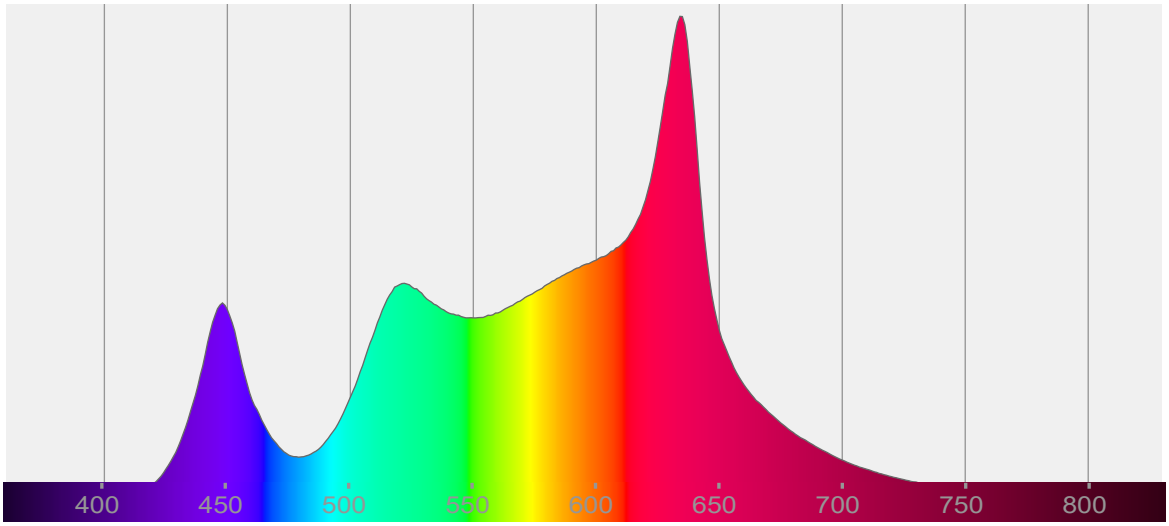
Total Lumens: 4501 lm
Peak Intensity: 15093 cd
Fixture Efficacy: 17 lm/W

Correlated Color Temperature: 3175K
Δuv: -0.0025

CRI: 93.5 CRI R9 Value: 97.4
CQS: 91.4
TLCI: 79
TM-30-18 Rf: 89.3
TM-30-18 Rg: 107.9
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3175 K
CIE 1931 Coordinates:
X: 0.422 Y: 0.392

Color Temperature

3175 K

Light Quality

CRI: 93.5

Notes:

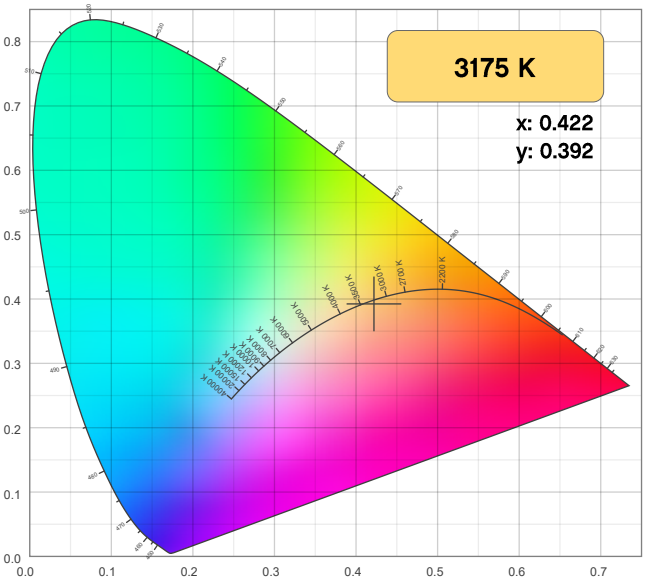
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Chromaticity Report

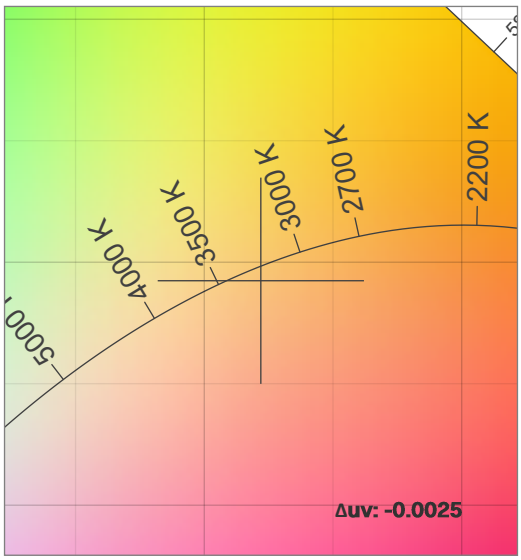
WELL Panel: 3200K

Chromaticity

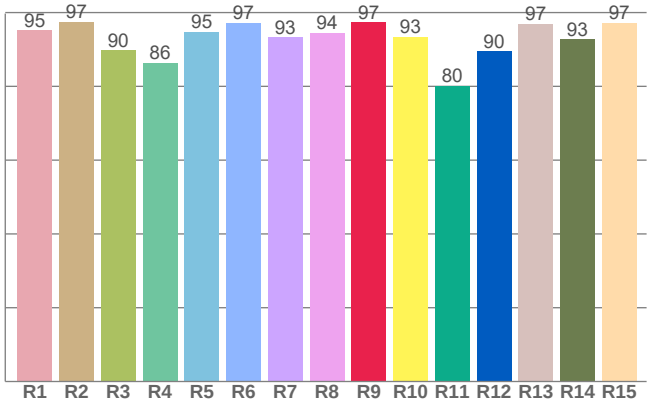
CIE 1931



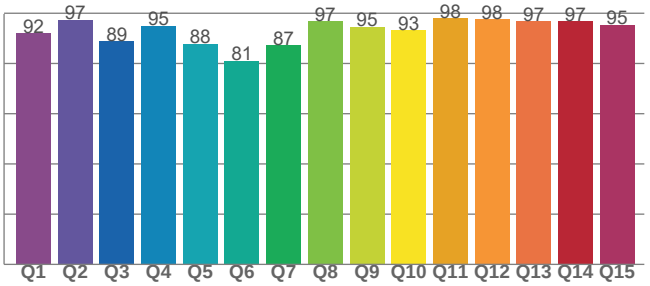
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3175 K	0.422	0.392

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0025	0.392	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.4	91.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.3	107.9

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Chromaticity Report

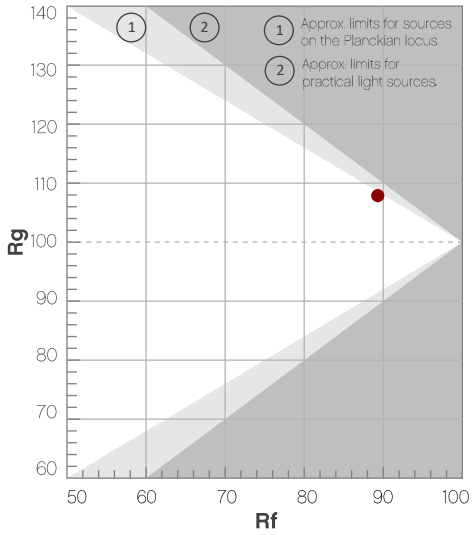
WELL Panel: 3200K

TM-30-18 Details

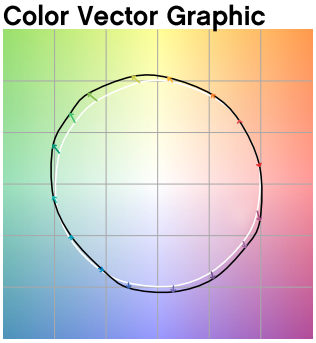
Rf 89.3
Fidelity Index (Rg)

Rg 107.9
Gamut Index (Rg)

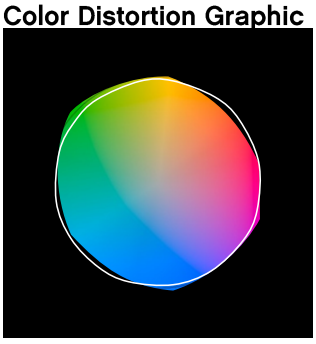
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	95	0%	0%
3	90	2%	4%
4	90	3%	5%
5	87	7%	6%
6	82	10%	3%
7	83	9%	-5%
8	83	7%	-6%
9	90	2%	-6%
10	92	-2%	-3%
11	90	-1%	4%
12	89	5%	1%
13	90	6%	-1%
14	90	6%	-2%
15	89	5%	-4%
16	87	4%	-8%



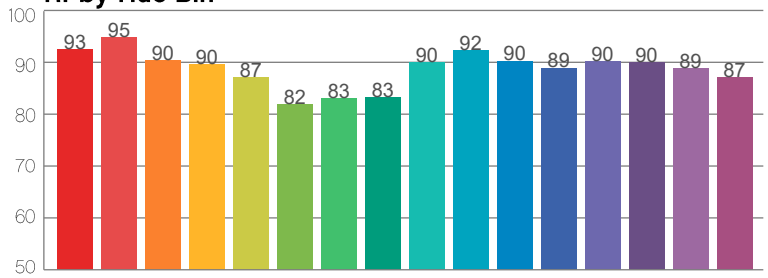
Color Vector Graphic



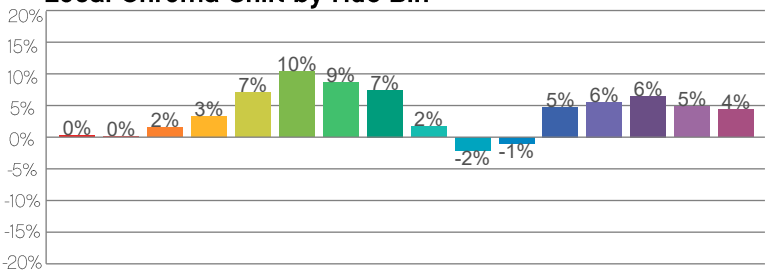
Color Distortion Graphic



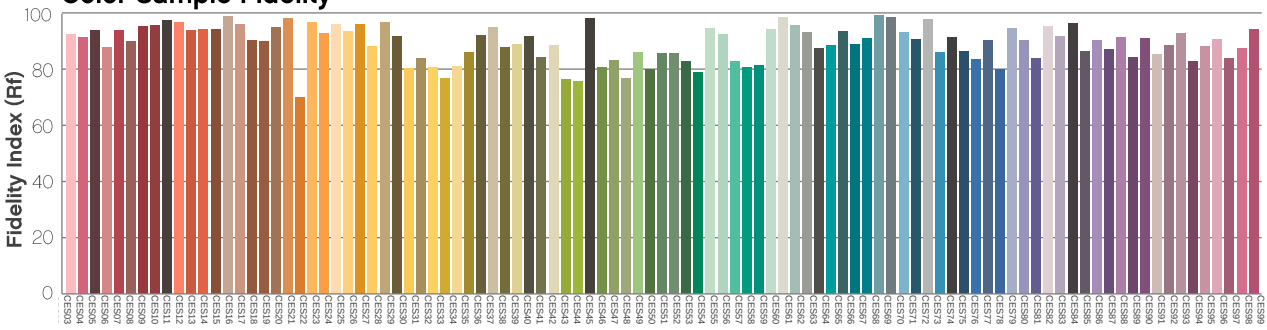
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

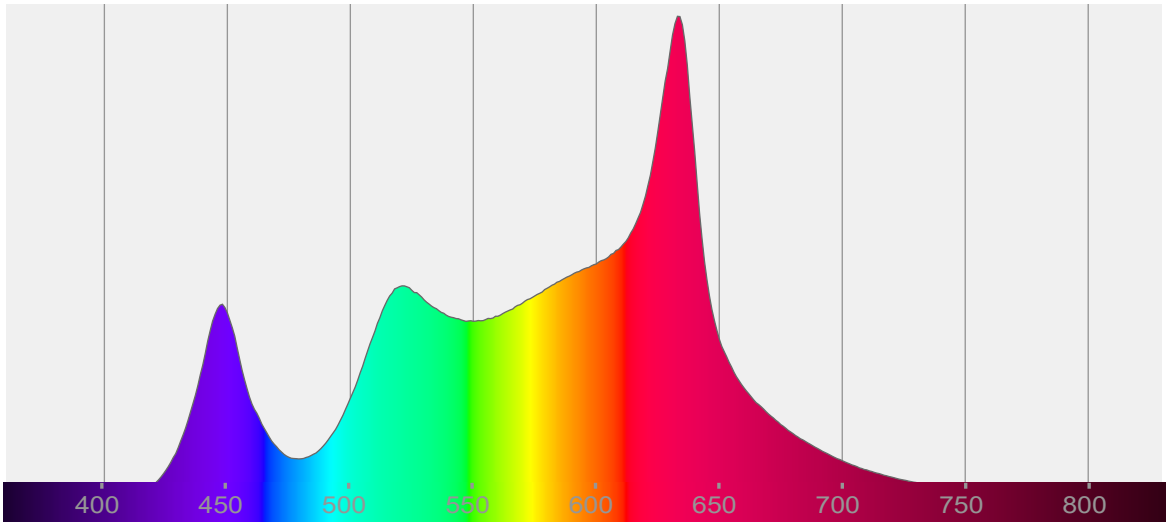
Total Lumens: 4339 lm
Peak Intensity: 15007 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3161K
Δuv: -0.0026

CRI: 93.4 CRI R9 Value: 97.7
CQS: 91.2
TLCI: 78
TM-30-18 Rf: 89.0
TM-30-18 Rg: 108.1
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3161 K

CIE 1931 Coordinates:
X: 0.423 Y: 0.393

Color Temperature

3161 K

Light Quality

CRI: 93.4

Notes:

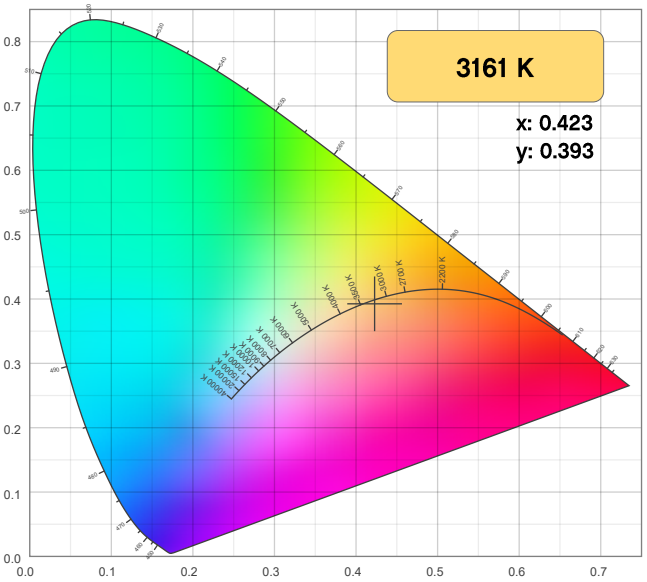
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Chromaticity Report

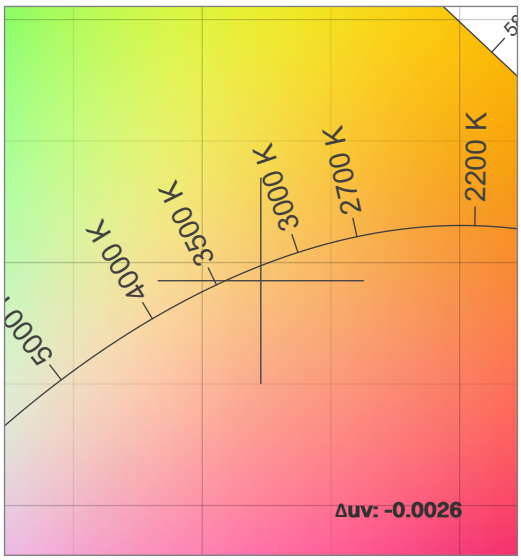
WELL Panel: 3200K

Chromaticity

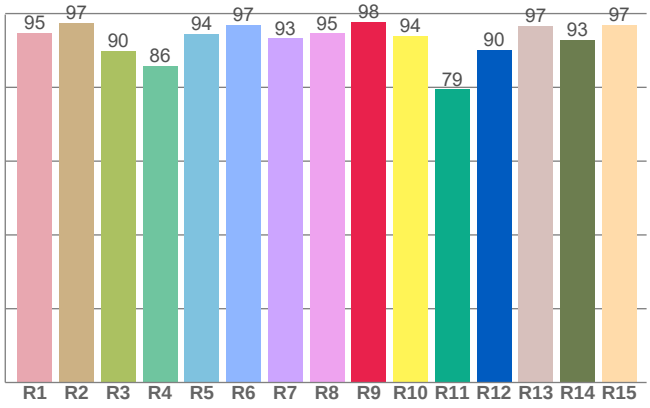
CIE 1931



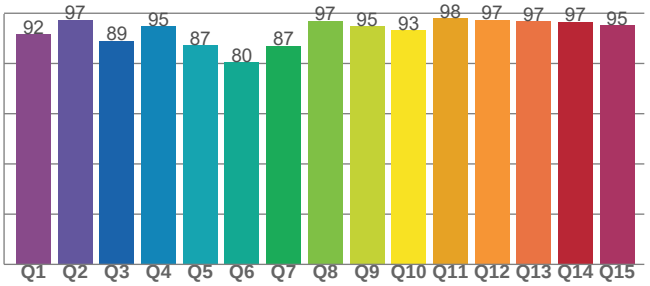
CIE 1931 - Zoom



CRI: 93.4 (R1-R8)



CQS: 91.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3161 K	0.423	0.393

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0026	0.393	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.4	97.7	91.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
78	89.0	108.1

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Chromaticity Report

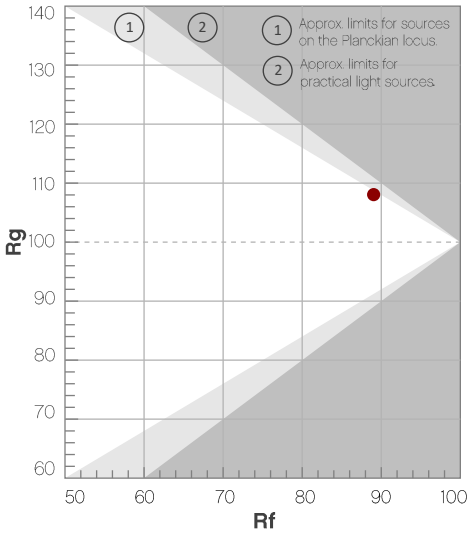
WELL Panel: 3200K

TM-30-18 Details

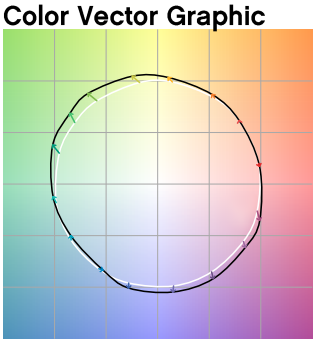
Rf 89.0
Fidelity Index (Rg)

Rg 108.1
Gamut Index (Rg)

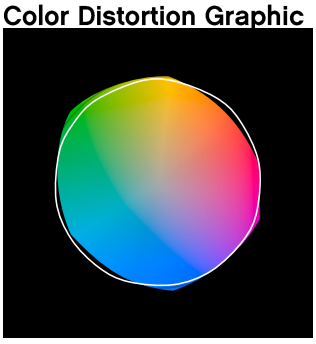
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	95	0%	0%
3	90	2%	4%
4	89	4%	5%
5	87	7%	6%
6	81	11%	3%
7	82	9%	-5%
8	83	8%	-6%
9	89	2%	-6%
10	92	-2%	-4%
11	90	-1%	4%
12	89	5%	1%
13	90	6%	-2%
14	90	6%	-2%
15	89	5%	-4%
16	87	4%	-8%



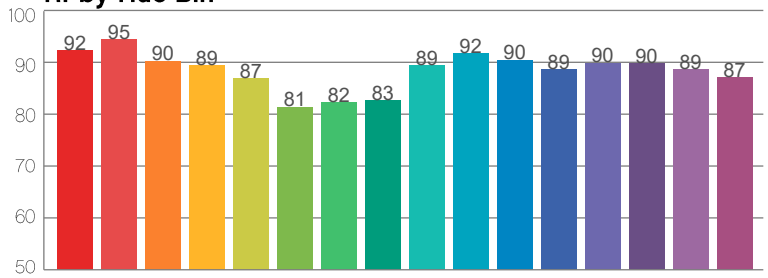
Color Vector Graphic



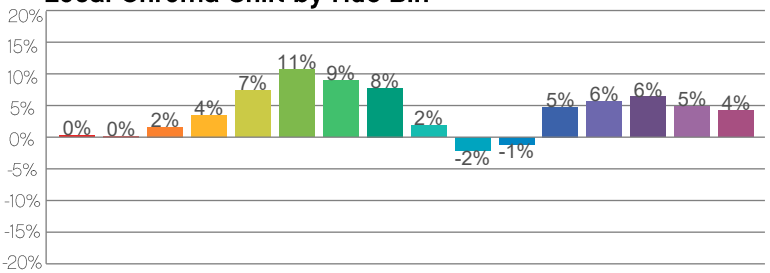
Color Distortion Graphic



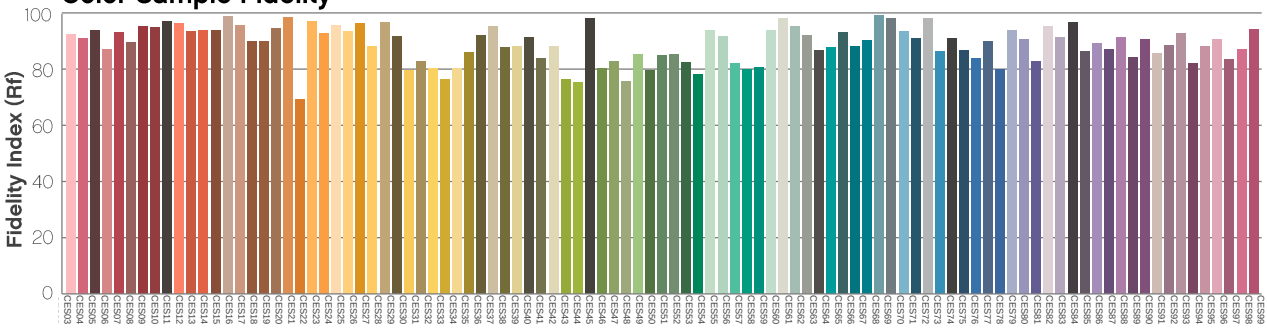
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

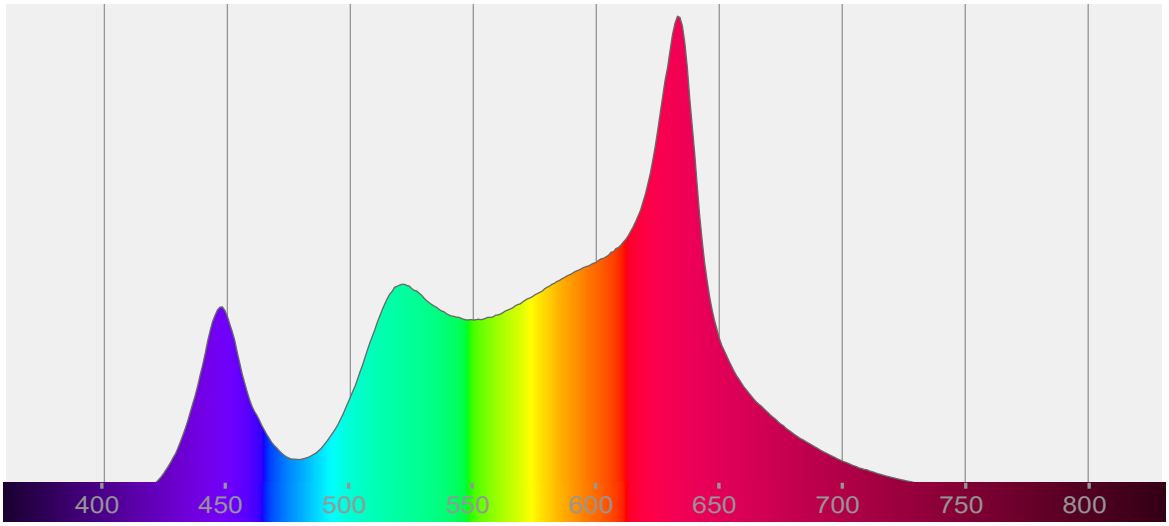
Total Lumens: 2205 lm
Peak Intensity: 7611 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3160K
Δuv: -0.0021

CRI: 93.5 CRI R9 Value: 97.8
CQS: 91.2
TLCI: 78
TM-30-18 Rf: 89.1
TM-30-18 Rg: 107.9
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3160 K
CIE 1931 Coordinates:
X: 0.423 Y: 0.394

Color Temperature

3160 K

Light Quality

CRI: 93.5

Notes:

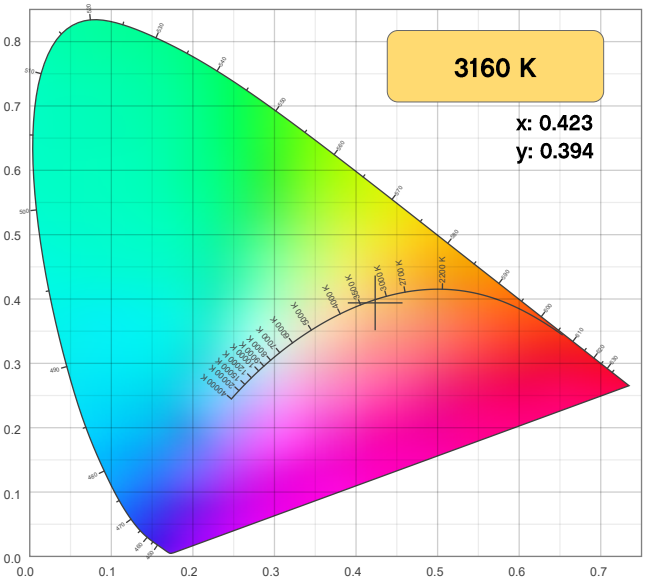
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Chromaticity Report

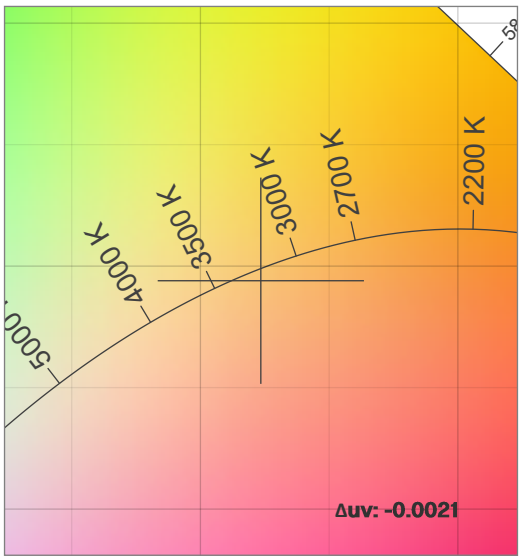
WELL Panel: 3200K

Chromaticity

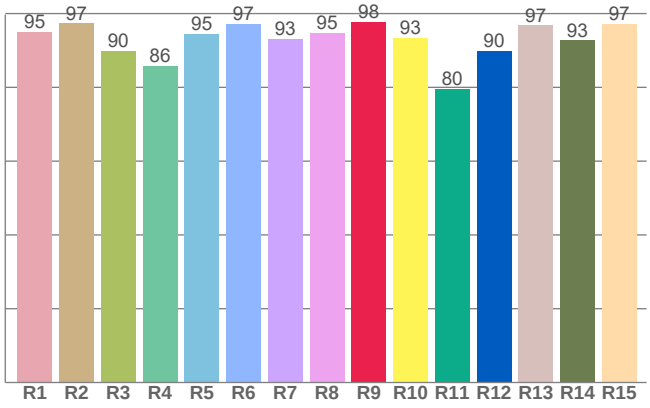
CIE 1931



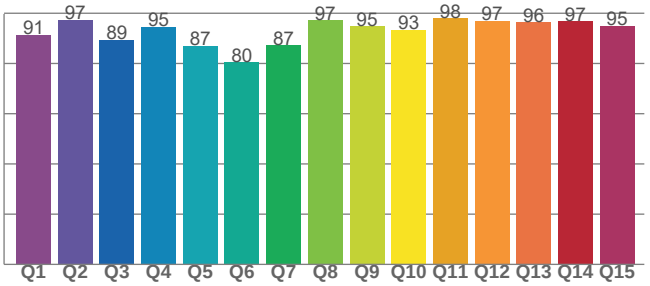
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3160 K	0.423	0.394

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0021	0.394	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.8	91.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
78	89.1	107.9

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Chromaticity Report

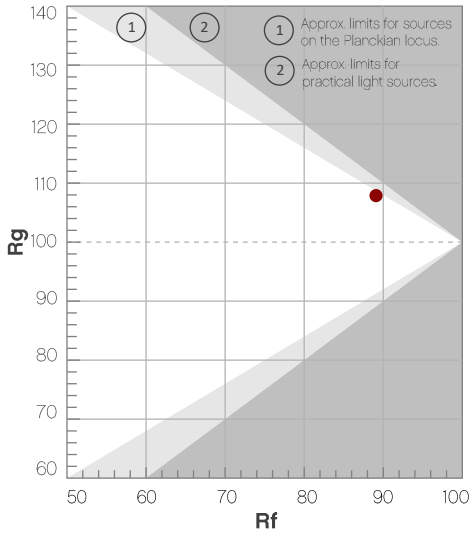
WELL Panel: 3200K

TM-30-18 Details

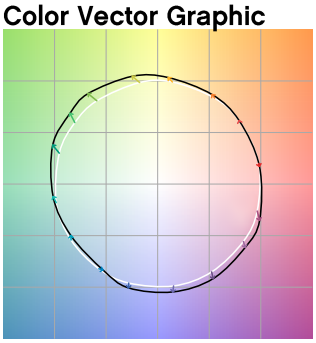
Rf 89.1
Fidelity Index (Rg)

Rg 107.9
Gamut Index (Rg)

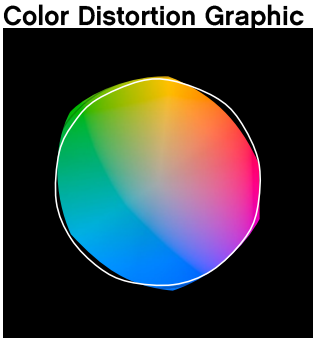
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	2%	4%
4	90	3%	5%
5	87	7%	6%
6	82	11%	3%
7	82	9%	-5%
8	83	8%	-6%
9	89	2%	-6%
10	91	-2%	-4%
11	91	-1%	4%
12	89	5%	1%
13	90	6%	-2%
14	90	6%	-2%
15	89	5%	-4%
16	87	4%	-8%



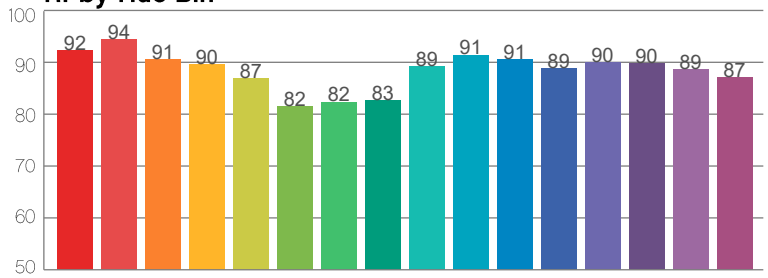
Color Vector Graphic



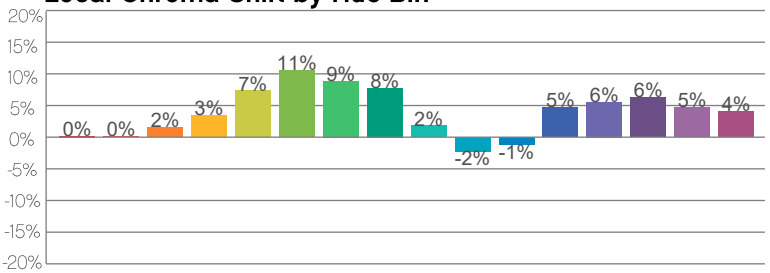
Color Distortion Graphic



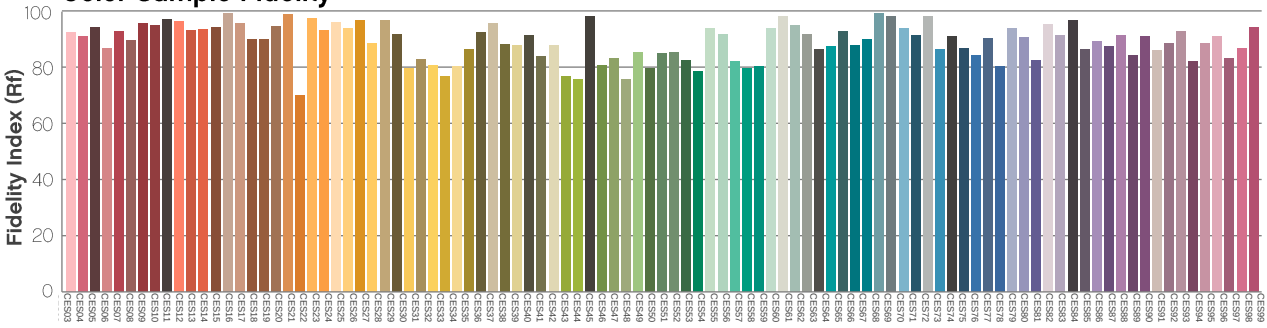
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

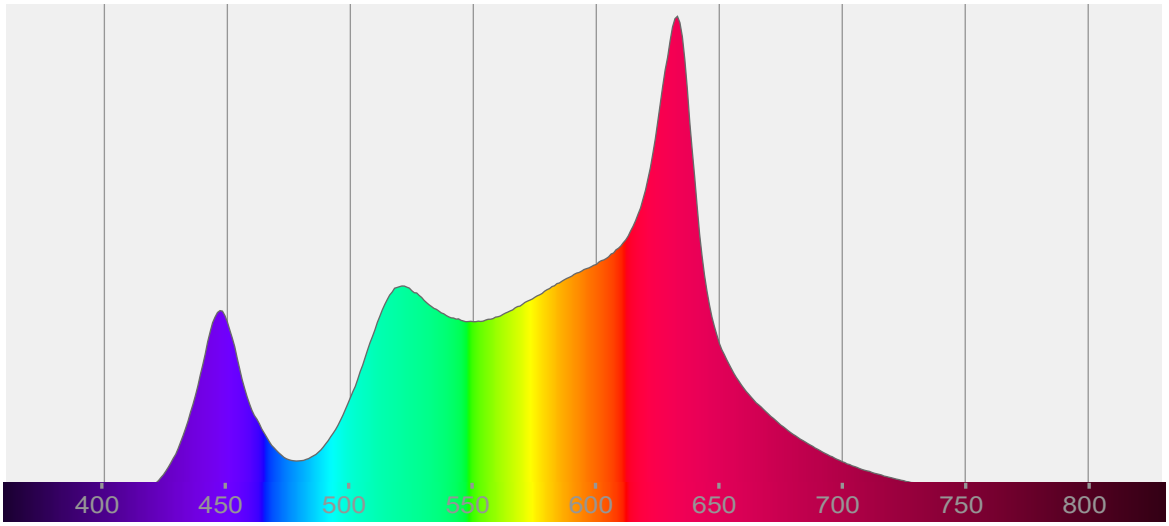
Total Lumens: 1386 lm
Peak Intensity: 4771 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3146K
Δuv: -0.0018

CRI: 93.5 CRI R9 Value: 97.2
CQS: 91.1
TLCI: 77
TM-30-18 Rf: 89.0
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3146 K
CIE 1931 Coordinates:
X: 0.425 Y: 0.395

Color Temperature

3146 K

Light Quality

CRI: 93.5

Notes:

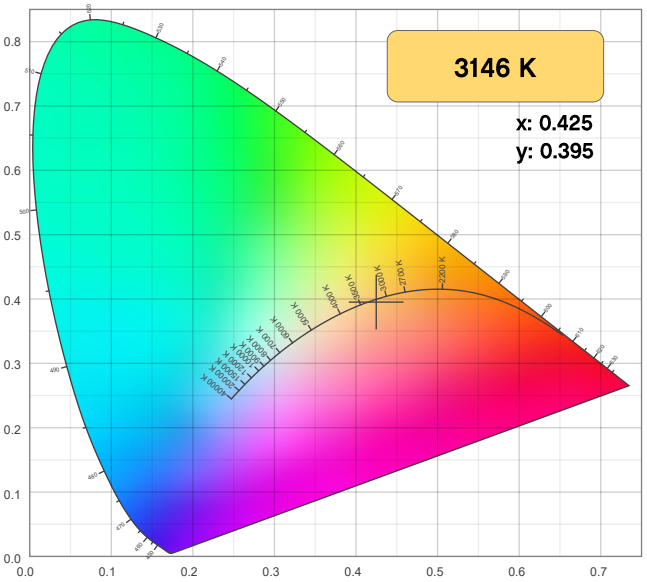
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Chromaticity Report

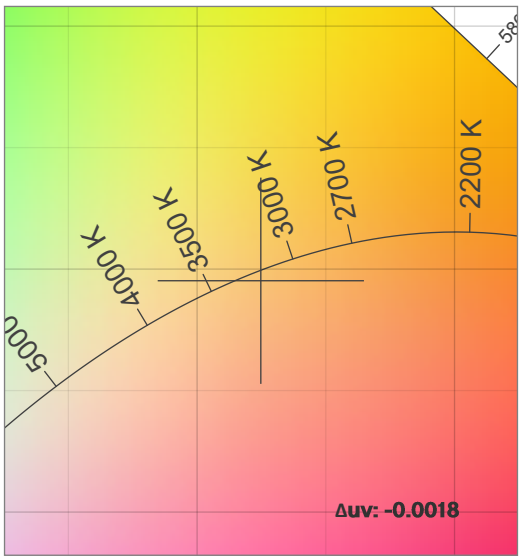
WELL Panel: 3200K

Chromaticity

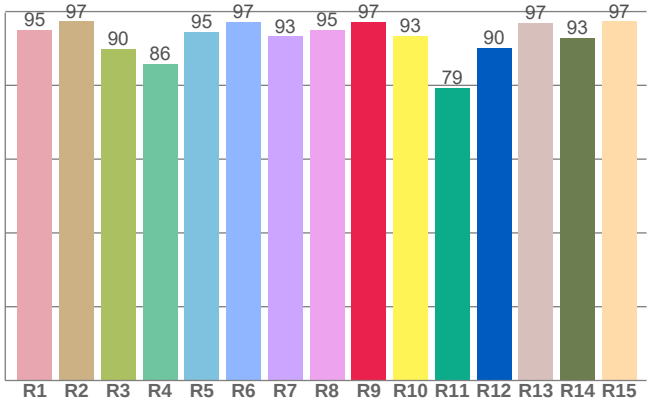
CIE 1931



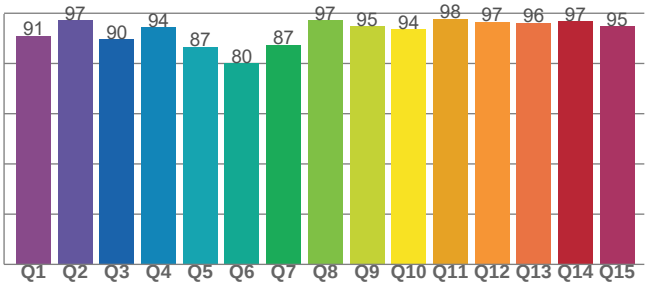
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3146 K	0.425	0.395

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0018	0.395	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.2	91.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
77	89.0	107.8

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Chromaticity Report

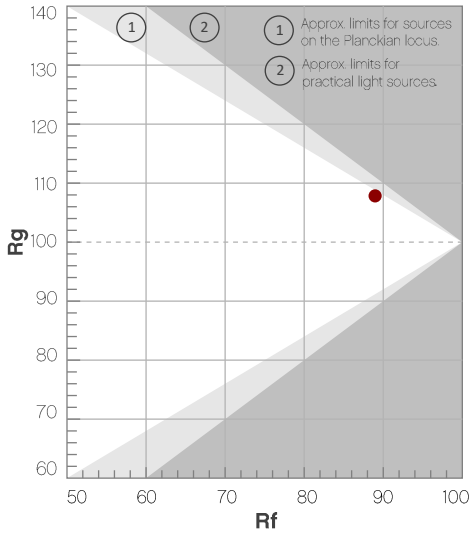
WELL Panel: 3200K

TM-30-18 Details

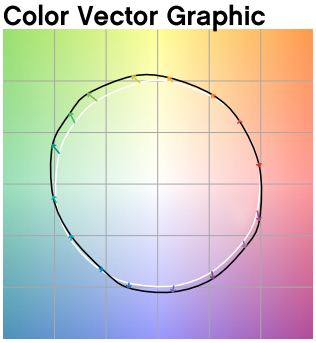
Rf 89.0
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

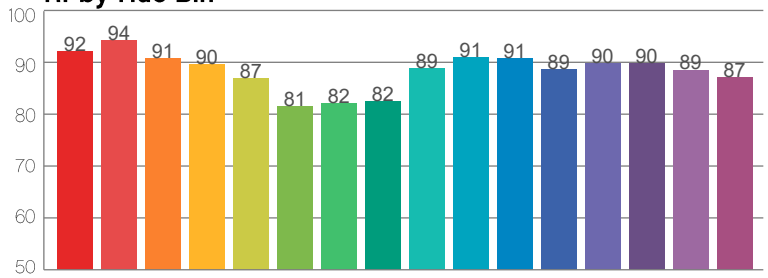
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	7%	6%
6	81	11%	3%
7	82	9%	-5%
8	82	8%	-6%
9	89	2%	-7%
10	91	-2%	-4%
11	91	-1%	4%
12	89	5%	0%
13	90	6%	-2%
14	90	6%	-3%
15	89	5%	-4%
16	87	4%	-8%



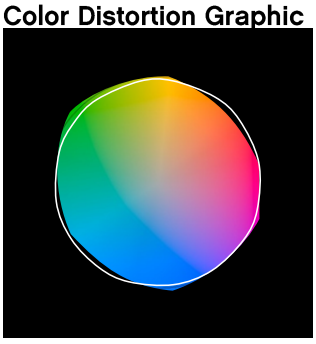
Color Vector Graphic



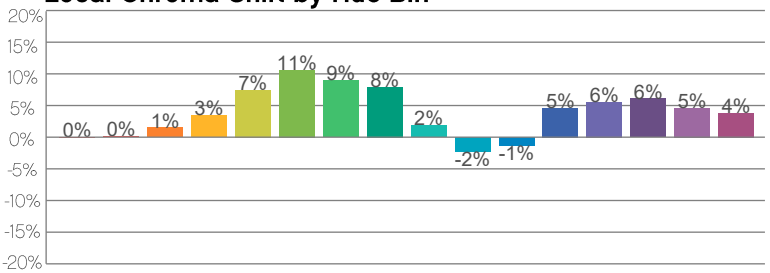
Rf by Hue Bin



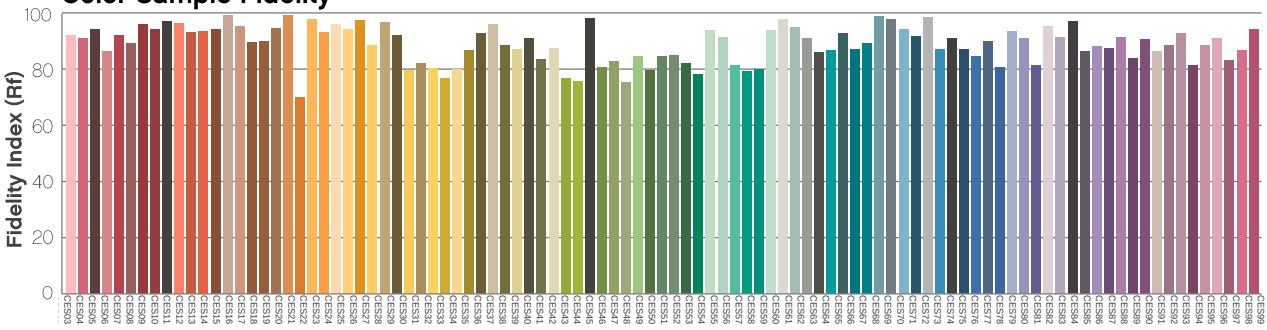
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

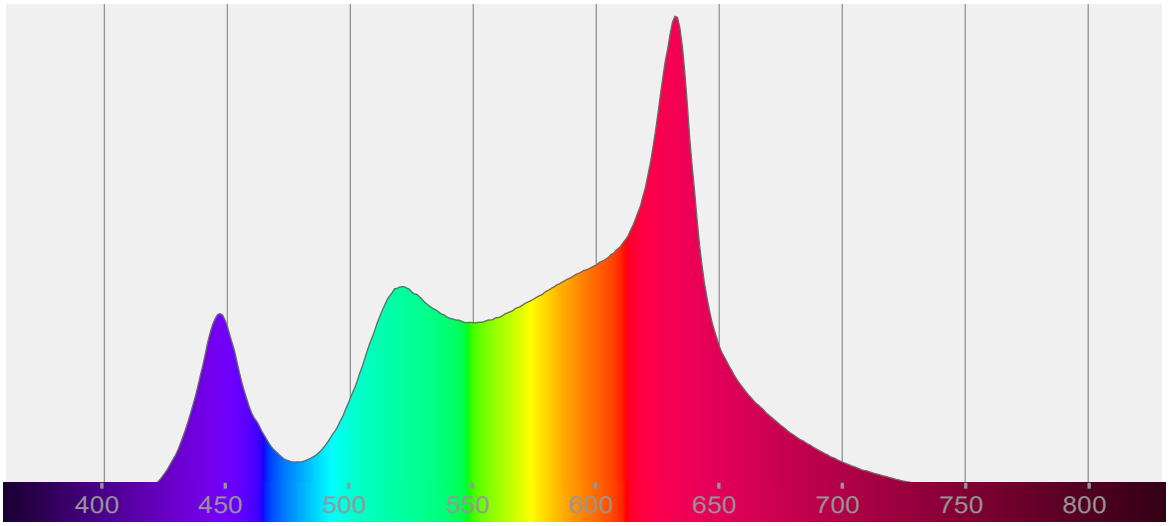
Total Lumens: 899 lm
Peak Intensity: 3107 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3134K
Δuv: -0.0015

CRI: 93.6 CRI R9 Value: 96.2
CQS: 91.0
TLCI: 77
TM-30-18 Rf: 88.9
TM-30-18 Rg: 107.7
1st Dominant Wavelength: 632 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3134 K
CIE 1931 Coordinates:
X: 0.426 Y: 0.396

Color Temperature

3134 K

Light Quality

CRI: 93.6

Notes:

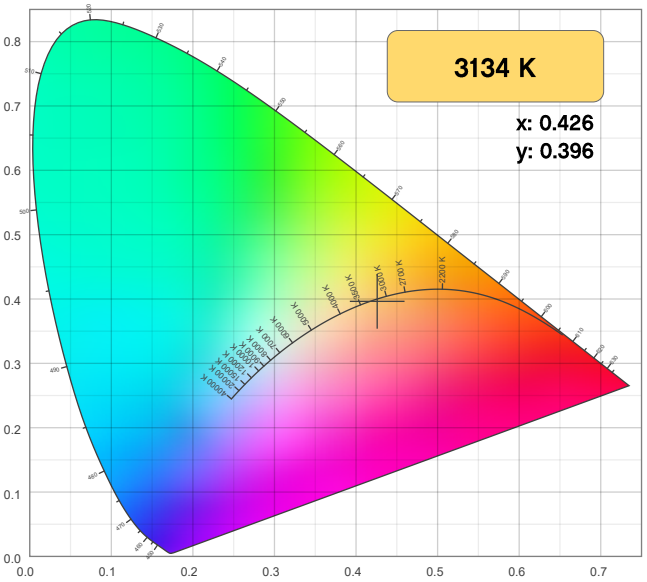
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Chromaticity Report

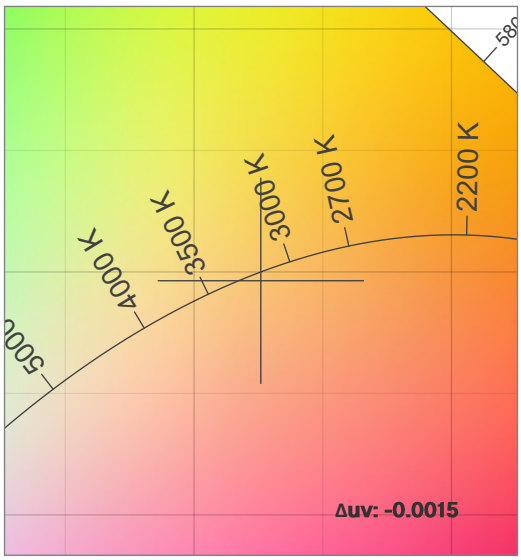
WELL Panel: 3200K

Chromaticity

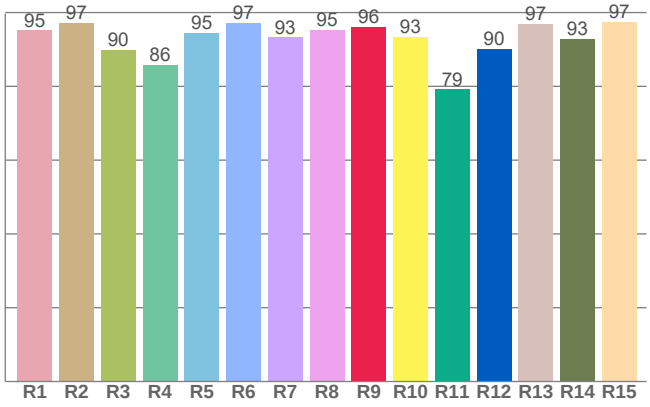
CIE 1931



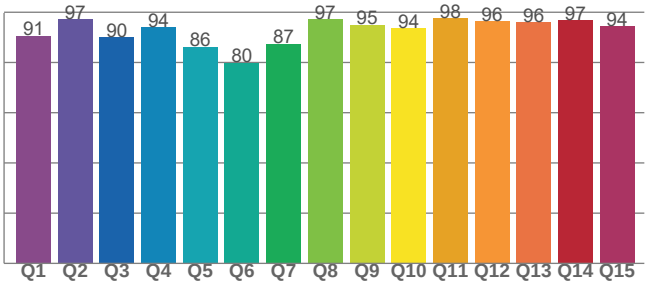
CIE 1931 - Zoom



CRI: 93.6 (R1-R8)



CQS: 91.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3134 K	0.426	0.396

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0015	0.396	0.247

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.6	96.2	91.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
77	88.9	107.7

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Chromaticity Report

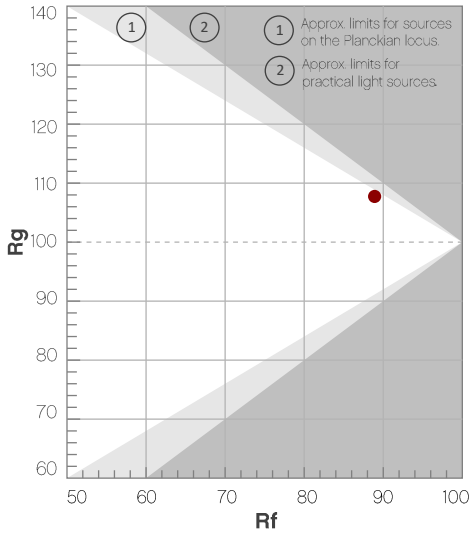
WELL Panel: 3200K

TM-30-18 Details

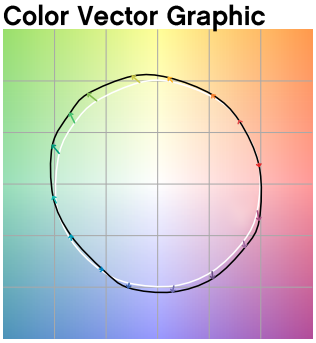
Rf 88.9
Fidelity Index (Rg)

Rg 107.7
Gamut Index (Rg)

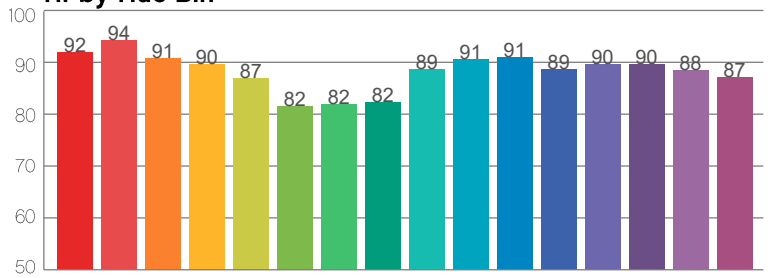
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	11%	3%
7	82	9%	-5%
8	82	8%	-6%
9	89	2%	-7%
10	91	-2%	-4%
11	91	-1%	3%
12	89	5%	0%
13	90	6%	-3%
14	90	6%	-3%
15	88	5%	-4%
16	87	4%	-8%



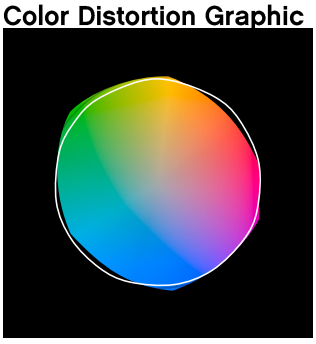
Color Vector Graphic



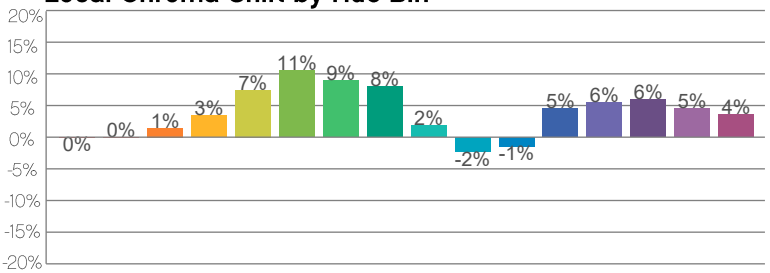
Rf by Hue Bin



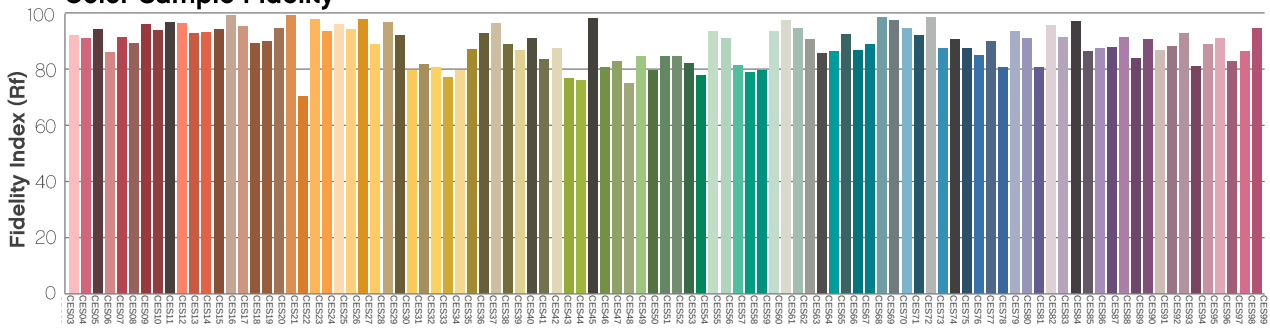
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

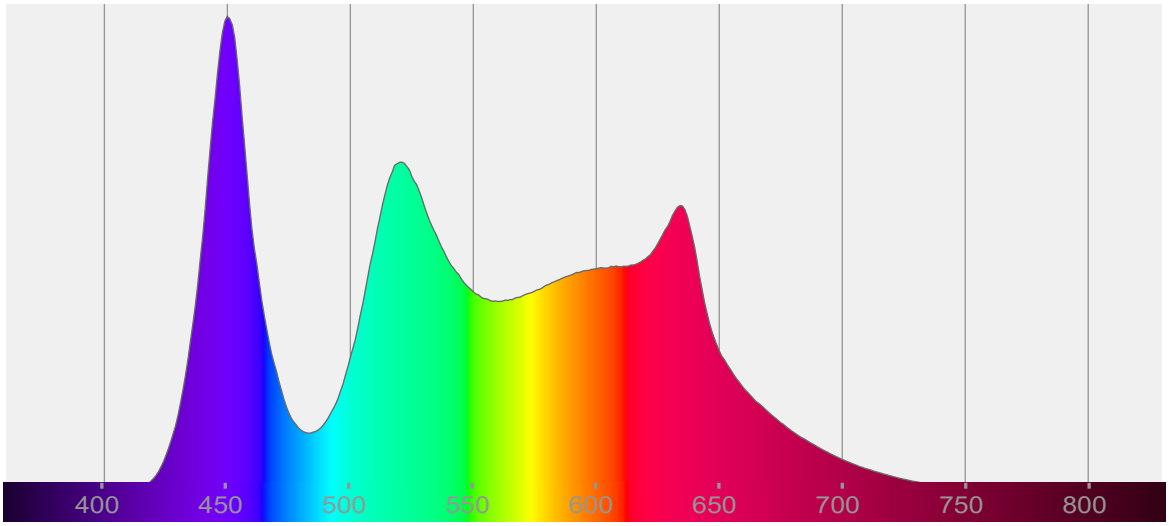
Total Lumens: - lm
Peak Intensity: 16570 cd
Fixture Efficacy: 0 lm/W

Correlated Color Temperature: 5401K
Δuv: -0.0038

CRI: 91.3 CRI R9 Value: 97.3
CQS: 91.9
TLCI: 85
TM-30-18 Rf: 88.5
TM-30-18 Rg: 106.4
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5401 K
CIE 1931 Coordinates:
X: 0.335 Y: 0.342

Color Temperature

5401 K

Light Quality

CRI: 91.3

Notes:

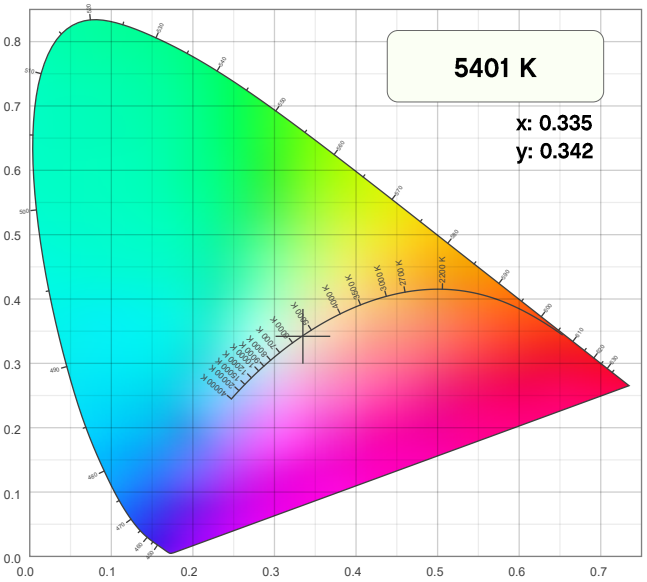
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Chromaticity Report

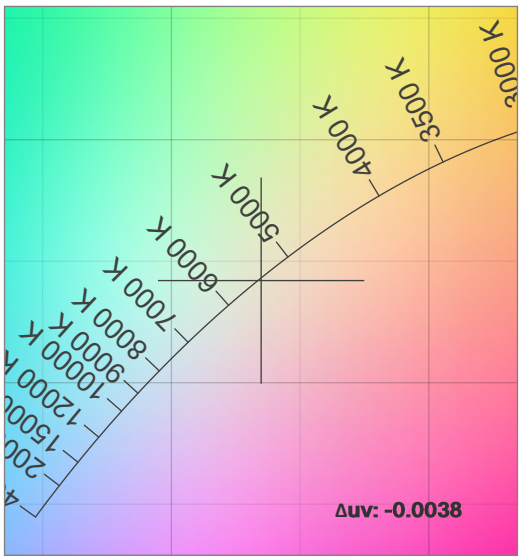
WELL Panel: 4000K

Chromaticity

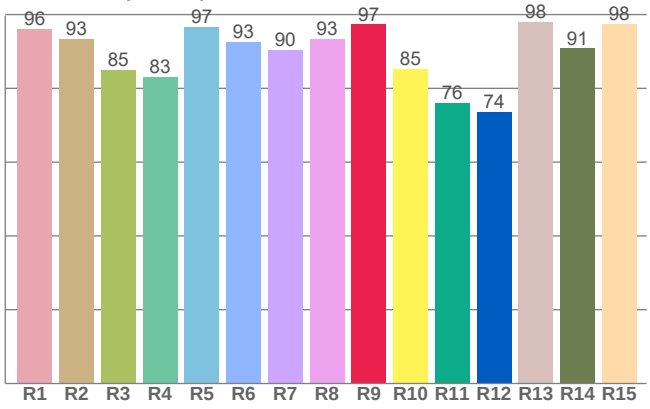
CIE 1931



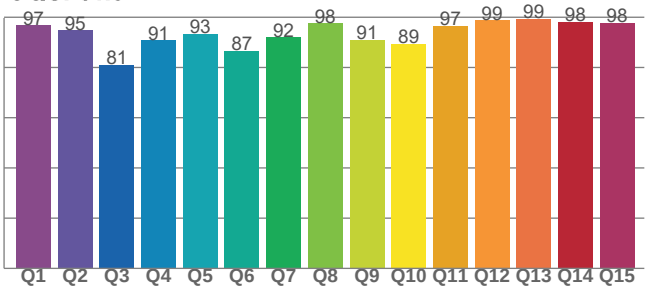
CIE 1931 - Zoom



CRI: 91.3 (R1-R8)



CQS: 91.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5401 K	0.335	0.342

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.342	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.3	97.3	91.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
85	88.5	106.4

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Chromaticity Report

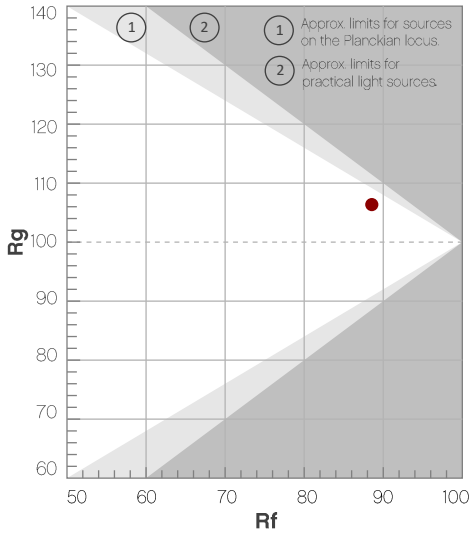
WELL Panel: 4000K

TM-30-18 Details

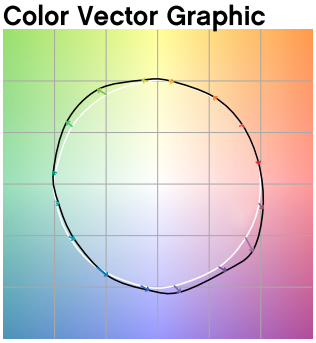
Rf 88.5
Fidelity Index (Rg)

Rg 106.4
Gamut Index (Rg)

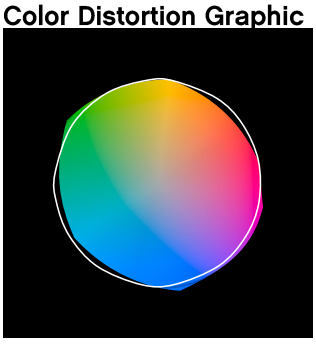
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	97	0%	0%
3	92	1%	4%
4	91	1%	4%
5	86	2%	5%
6	86	9%	4%
7	88	7%	-1%
8	92	2%	-2%
9	93	-2%	0%
10	90	-3%	5%
11	77	1%	13%
12	87	3%	8%
13	90	7%	4%
14	86	7%	3%
15	82	13%	-7%
16	89	5%	-4%



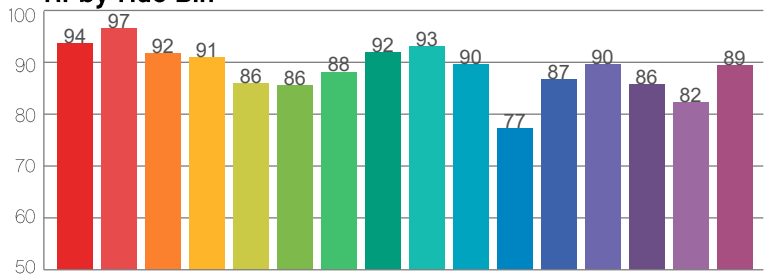
Color Vector Graphic



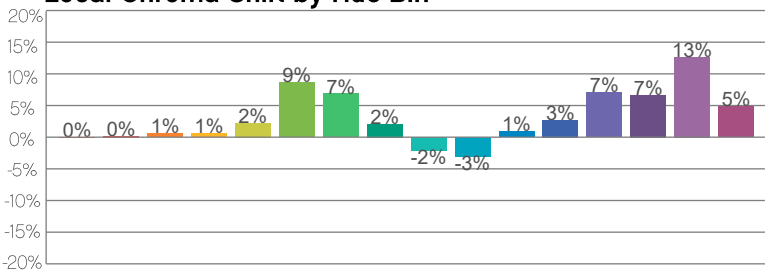
Color Distortion Graphic



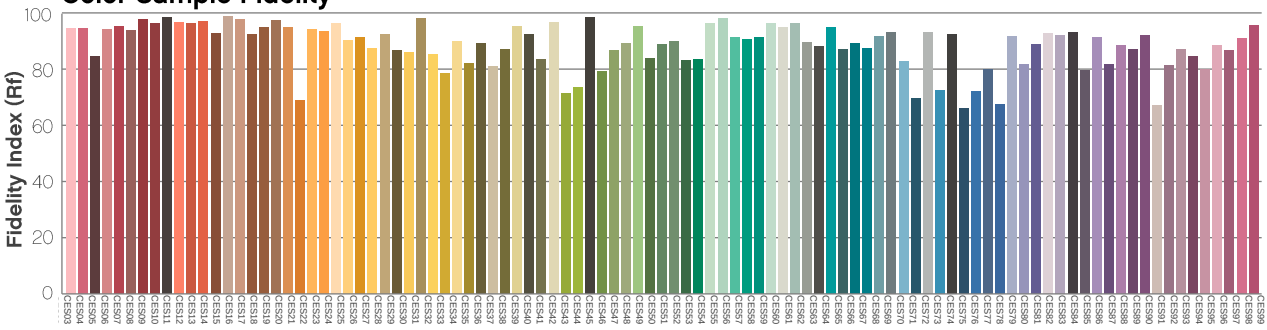
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

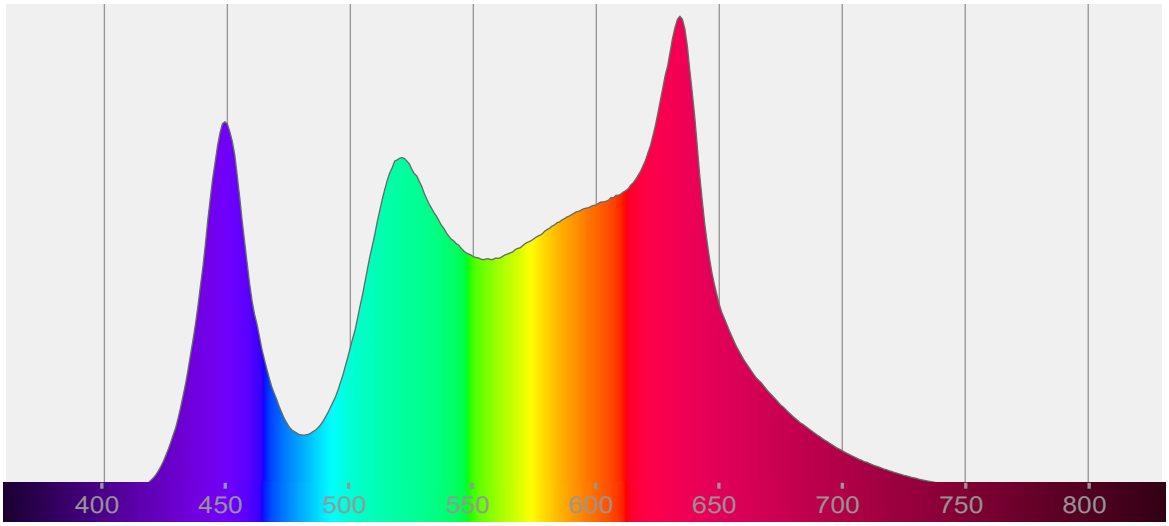
Total Lumens: 4520 lm
Peak Intensity: 15563 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3988K
Δuv: -0.0012

CRI: 92.9 CRI R9 Value: 98.3
CQS: 93.1
TLCI: 81
TM-30-18 Rf: 89.8
TM-30-18 Rg: 106.6
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

3988 K
CIE 1931 Coordinates:
X: 0.380 Y: 0.374

Color Temperature

3988 K

Light Quality

CRI: 92.9

Notes:

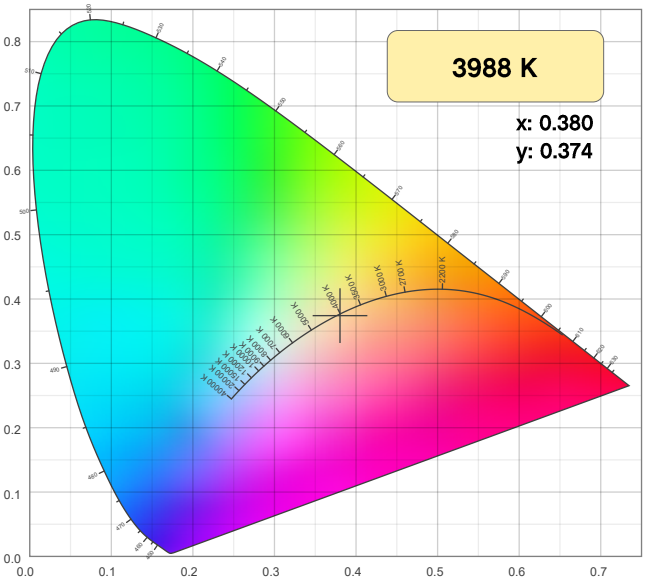
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Chromaticity Report

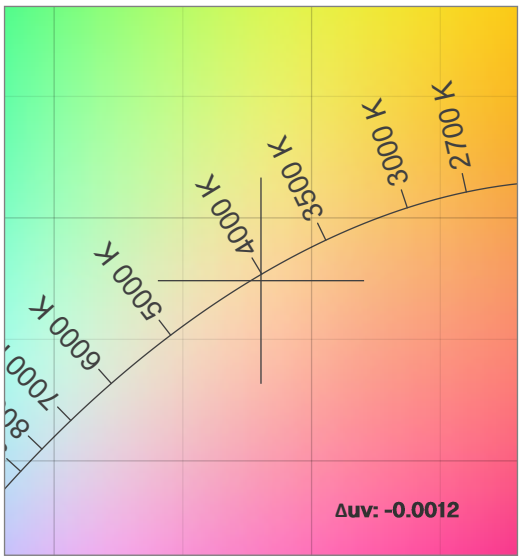
WELL Panel: 4000K

Chromaticity

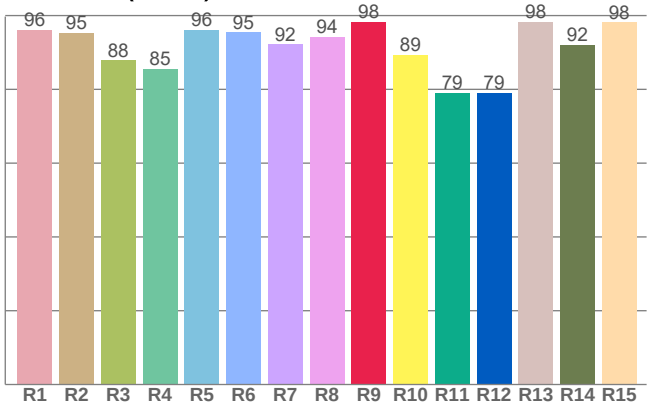
CIE 1931



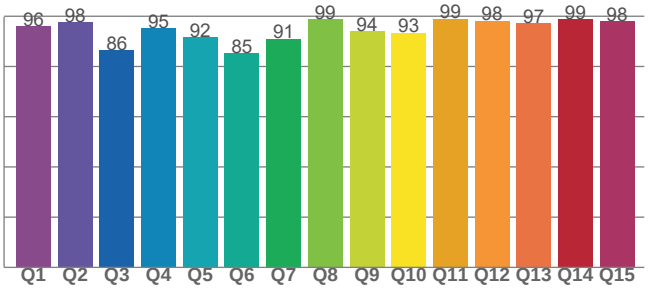
CIE 1931 - Zoom



CRI: 92.9 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3988 K	0.380	0.374

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0012	0.374	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.9	98.3	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
81	89.8	106.6

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Chromaticity Report

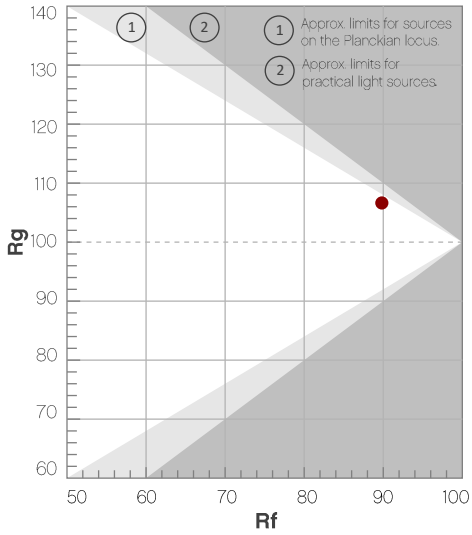
WELL Panel: 4000K

TM-30-18 Details

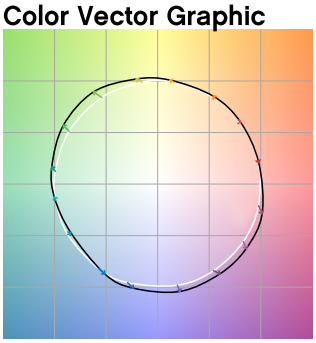
Rf 89.8
Fidelity Index (Rg)

Rg 106.6
Gamut Index (Rg)

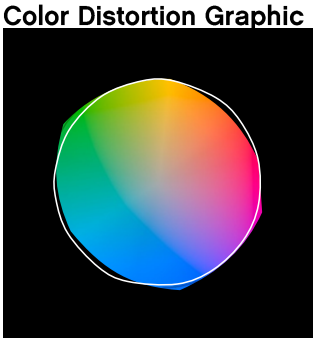
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	85	9%	4%
7	87	8%	-2%
8	89	4%	-3%
9	93	1%	-3%
10	92	-3%	0%
11	86	1%	8%
12	85	4%	6%
13	90	6%	1%
14	90	6%	4%
15	88	6%	-4%
16	86	5%	-7%



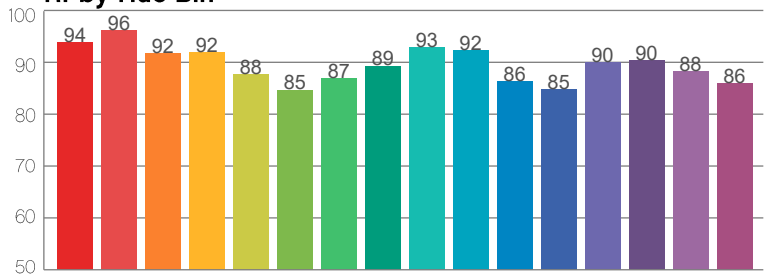
Color Vector Graphic



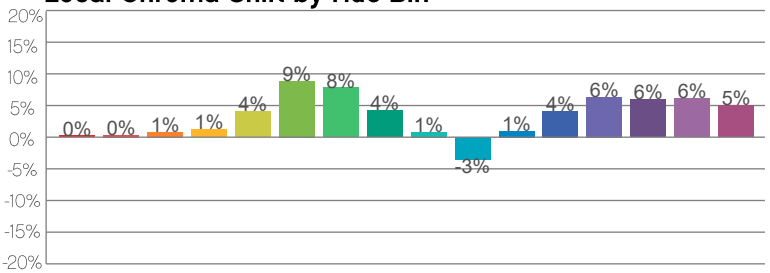
Color Distortion Graphic



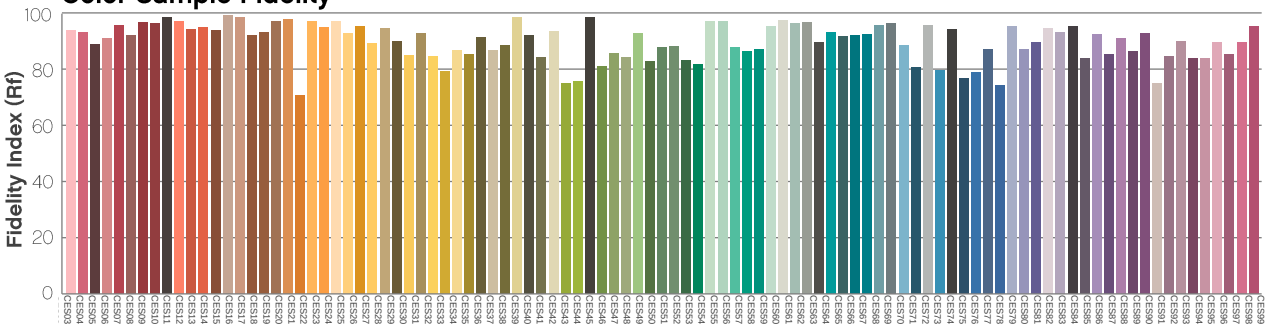
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

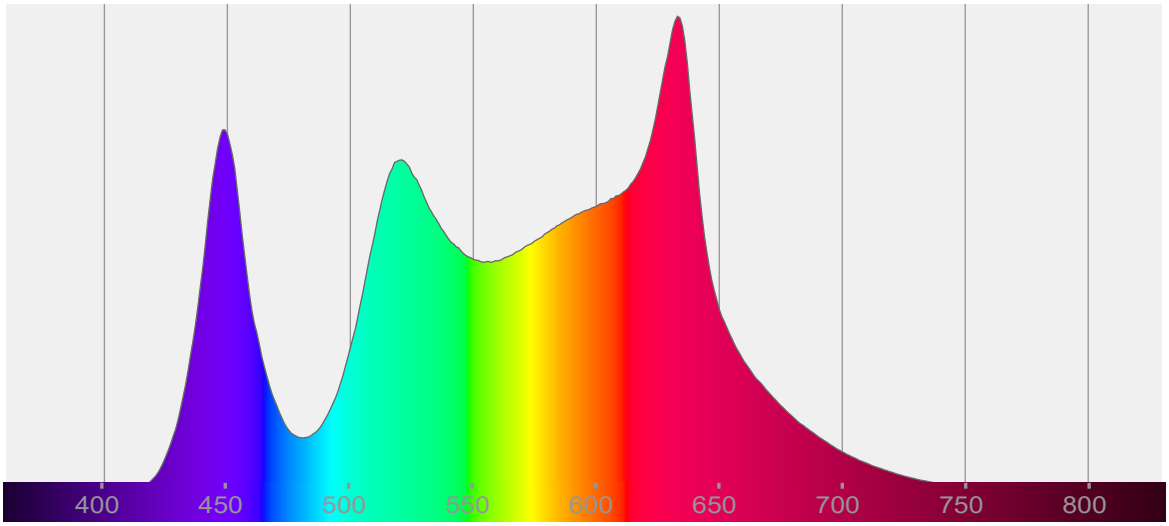
Total Lumens: 2315 lm
Peak Intensity: 7953 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3956K
Δuv: -0.0009

CRI: 92.8 CRI R9 Value: 97.7
CQS: 93.1
TLCI: 80
TM-30-18 Rf: 89.7
TM-30-18 Rg: 106.7
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

3956 K
CIE 1931 Coordinates:
X: 0.382 Y: 0.376

Color Temperature

3956 K

Light Quality

CRI: 92.8

Notes:

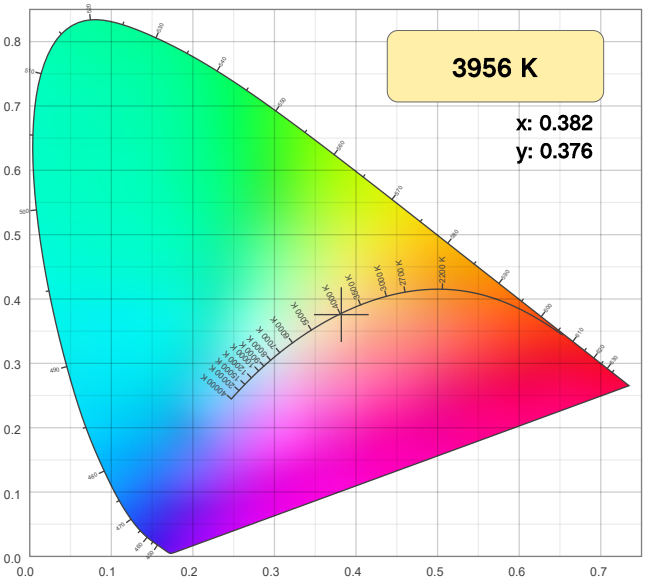
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Chromaticity Report

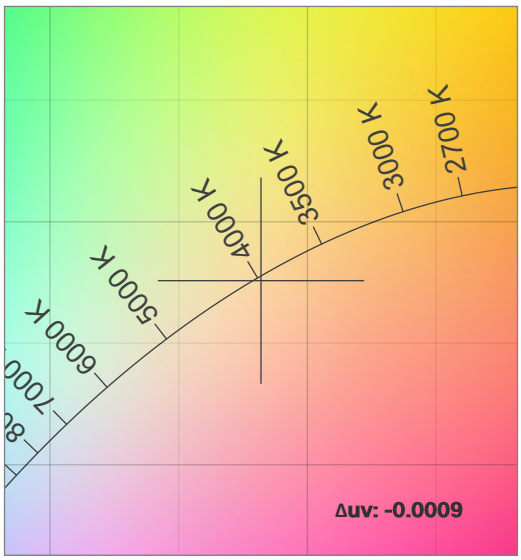
WELL Panel: 4000K

Chromaticity

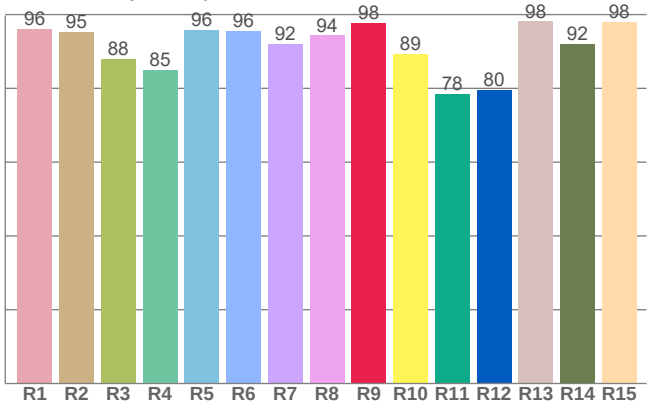
CIE 1931



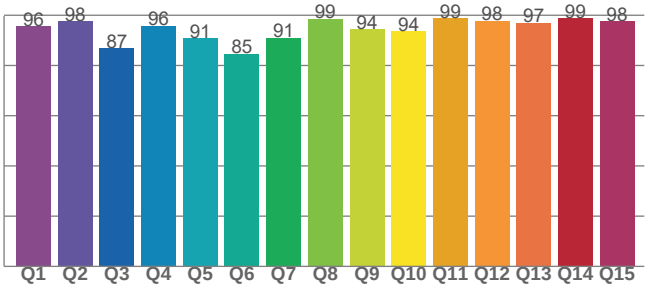
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3956 K	0.382	0.376

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0009	0.376	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	97.7	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
80	89.7	106.7

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Chromaticity Report

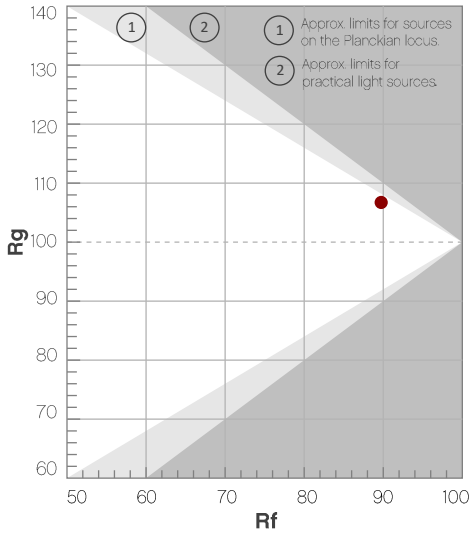
WELL Panel: 4000K

TM-30-18 Details

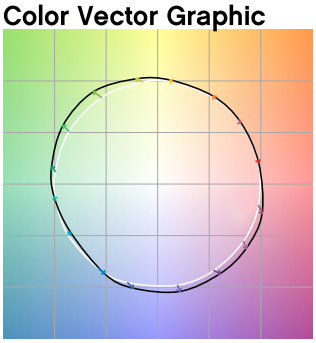
Rf 89.7
Fidelity Index (Rg)

Rg 106.7
Gamut Index (Rg)

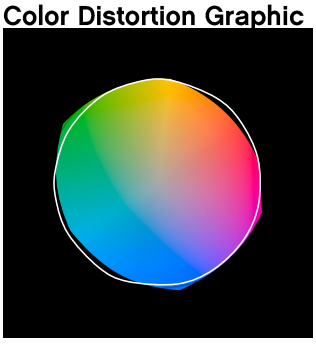
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	4%	-4%
9	93	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	1%
14	90	6%	4%
15	88	6%	-4%
16	86	5%	-7%



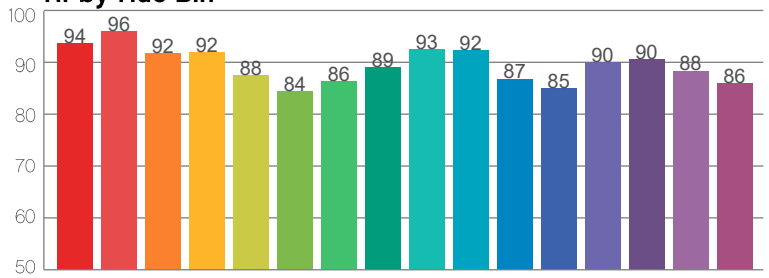
Color Vector Graphic



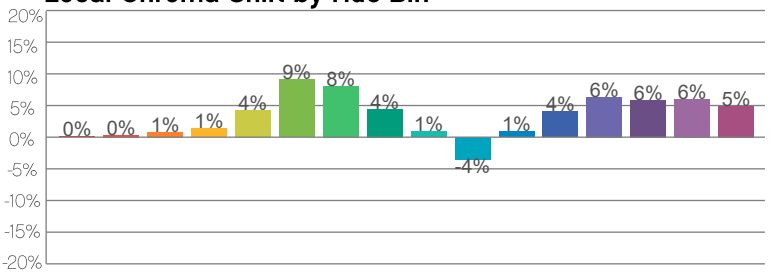
Color Distortion Graphic



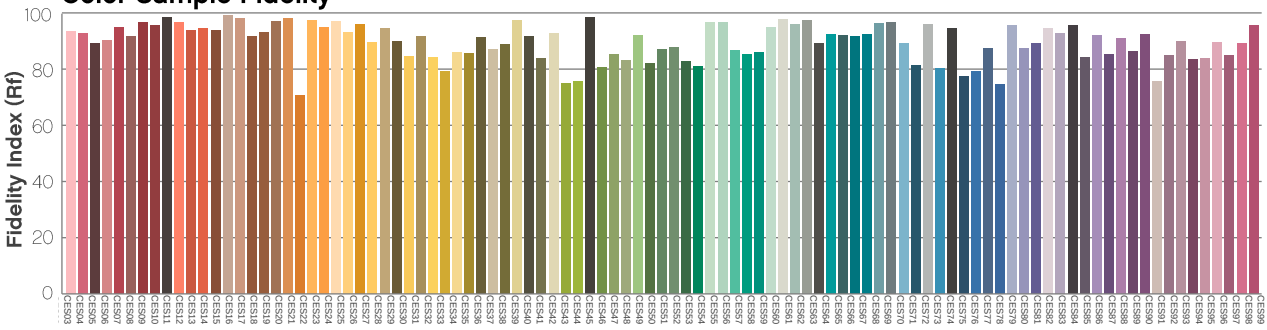
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

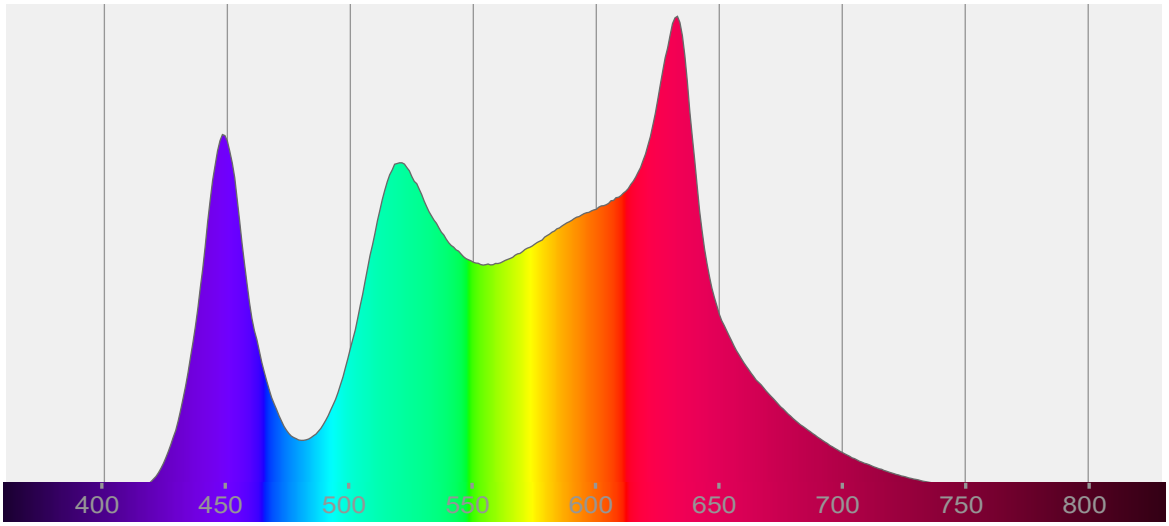
Total Lumens: 1453 lm
Peak Intensity: 5006 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3933K
Δuv: -0.0008

CRI: 92.8 CRI R9 Value: 96.9
CQS: 93.0
TLCI: 79
TM-30-18 Rf: 89.6
TM-30-18 Rg: 106.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3933 K
CIE 1931 Coordinates:
X: 0.383 Y: 0.377

Color Temperature

3933 K

Light Quality

CRI: 92.8

Notes:

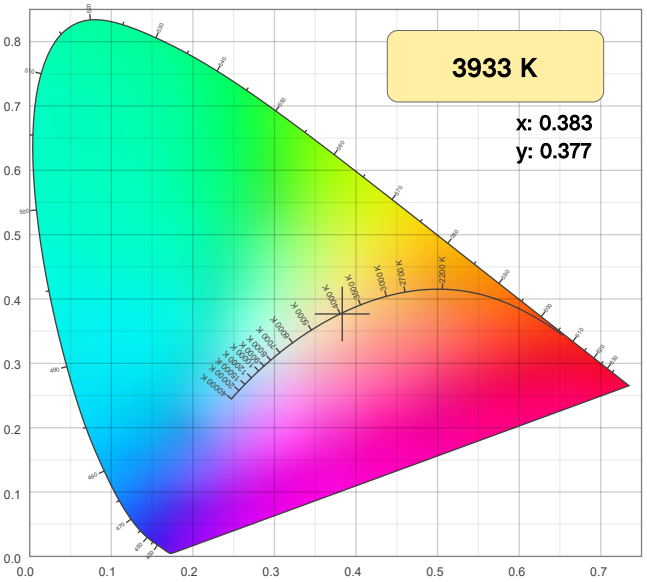
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Chromaticity Report

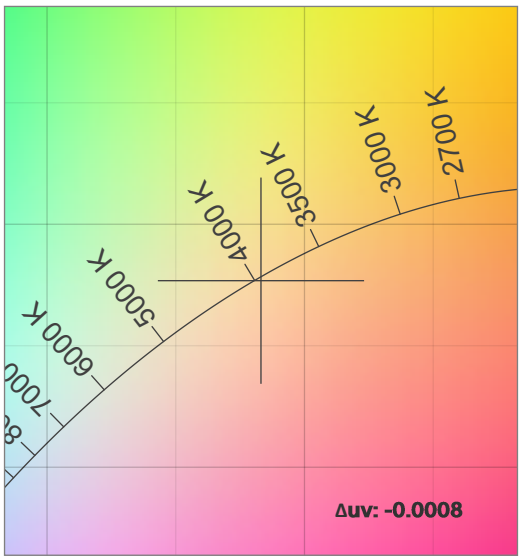
WELL Panel: 4000K

Chromaticity

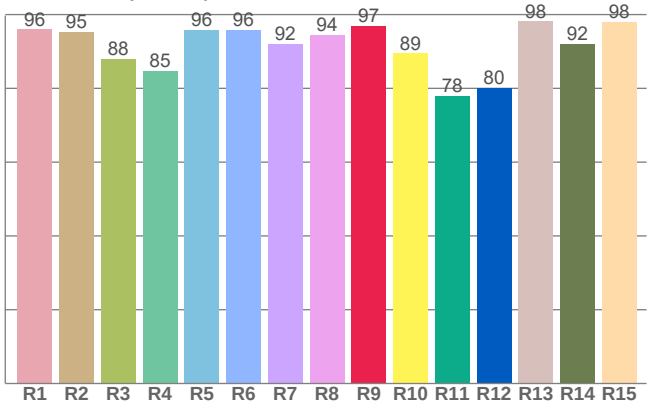
CIE 1931



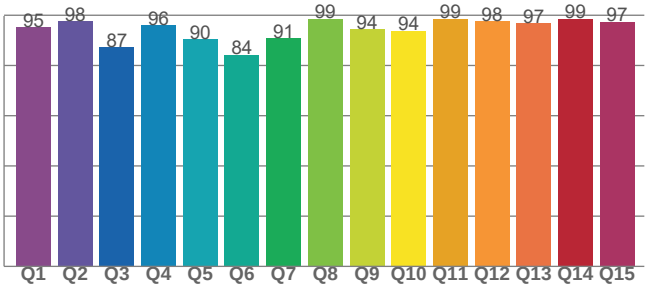
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3933 K	0.383	0.377

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0008	0.377	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	96.9	93.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.6	106.8

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Chromaticity Report

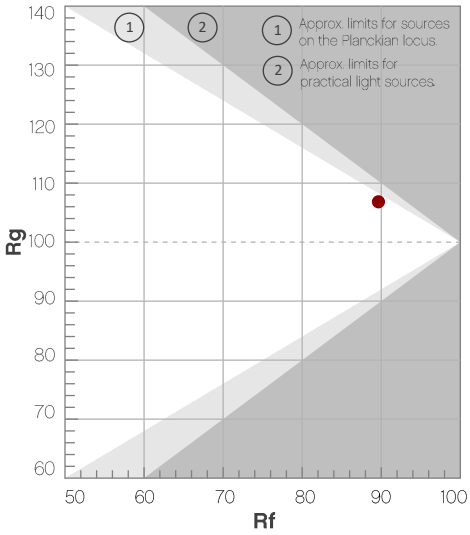
WELL Panel: 4000K

TM-30-18 Details

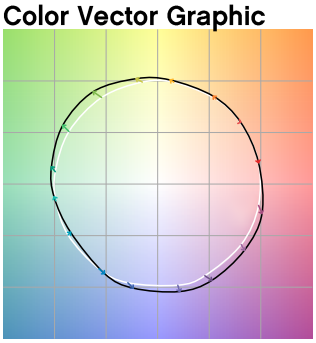
Rf 89.6
Fidelity Index (Rg)

Rg 106.8
Gamut Index (Rg)

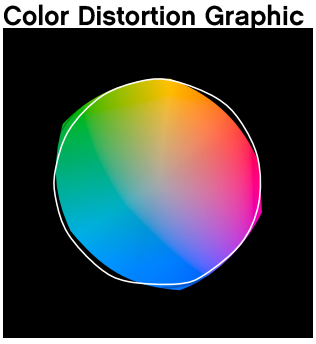
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	87	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	5%	-4%
9	92	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	1%
14	90	7%	3%
15	89	6%	-3%
16	86	5%	-7%



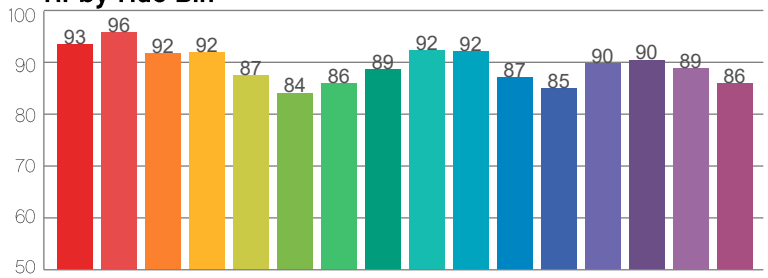
Color Vector Graphic



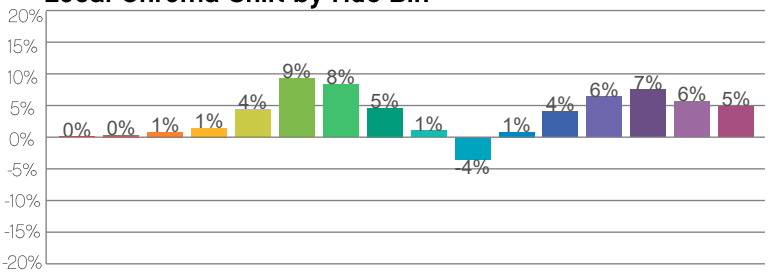
Color Distortion Graphic



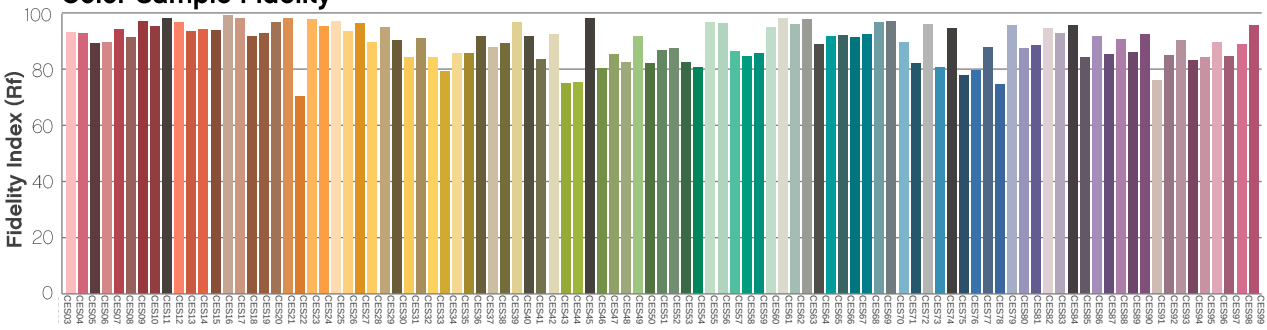
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

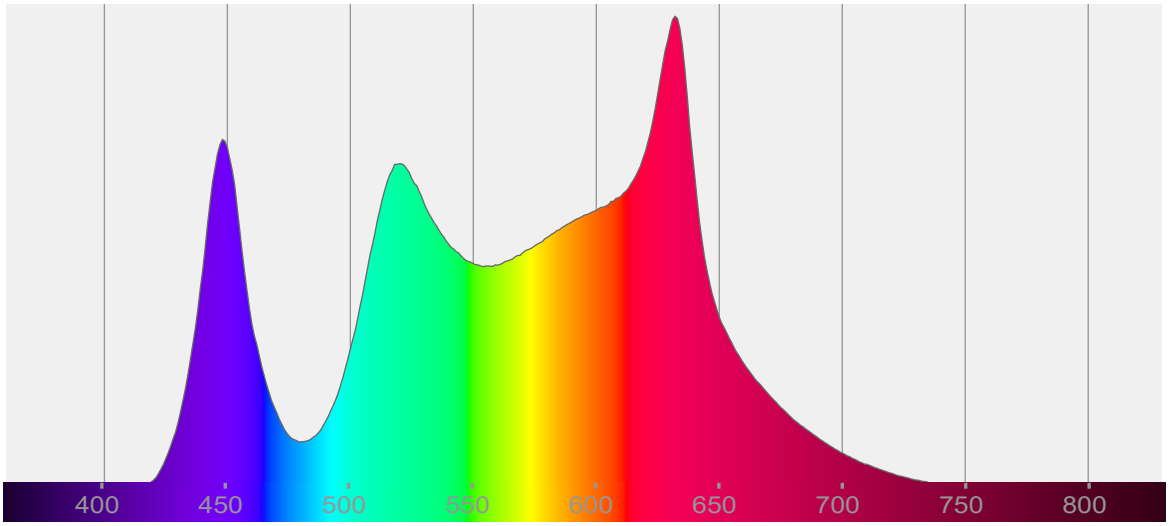
Total Lumens: 947 lm
Peak Intensity: 3254 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3916K
Δuv: -0.0005

CRI: 92.8 CRI R9 Value: 95.9
CQS: 93.0
TLCI: 78
TM-30-18 Rf: 89.6
TM-30-18 Rg: 106.8
1st Dominant Wavelength: 632 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3916 K
CIE 1931 Coordinates:
X: 0.384 Y: 0.378

Color Temperature

3916 K

Light Quality

CRI: 92.8

Notes:

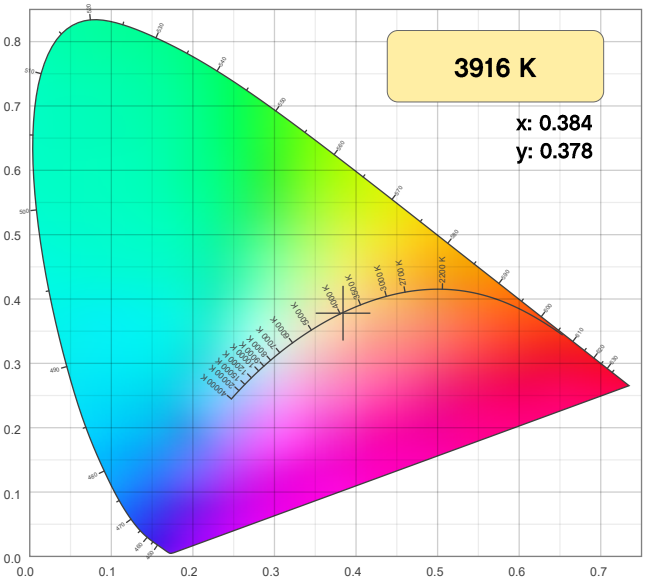
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Chromaticity Report

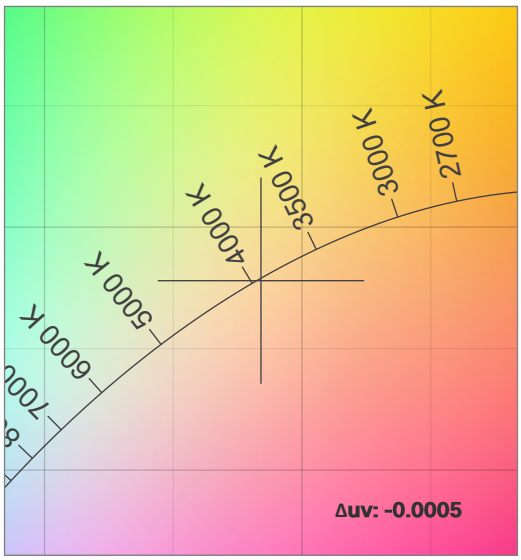
WELL Panel: 4000K

Chromaticity

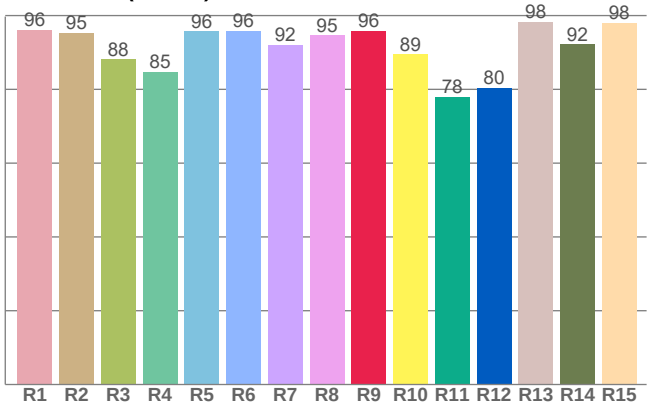
CIE 1931



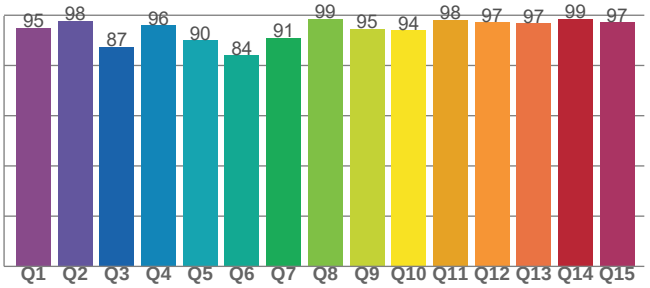
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3916 K	0.384	0.378

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0005	0.378	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	95.9	93.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
78	89.6	106.8

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Chromaticity Report

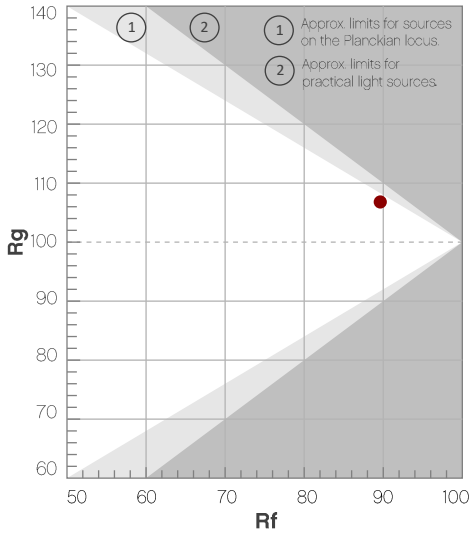
WELL Panel: 4000K

TM-30-18 Details

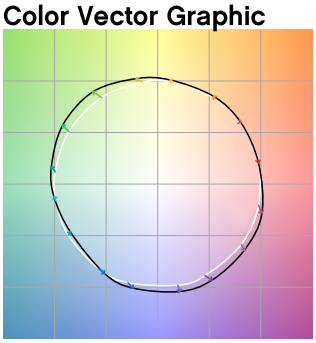
Rf 89.6
Fidelity Index (Rg)

Rg 106.8
Gamut Index (Rg)

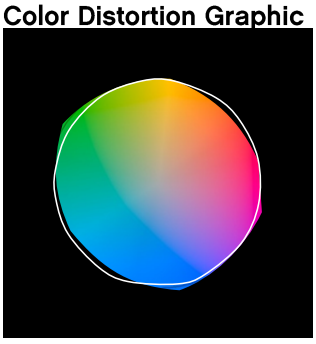
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	87	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	5%	-4%
9	92	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	0%
14	91	7%	3%
15	89	6%	-3%
16	86	5%	-7%



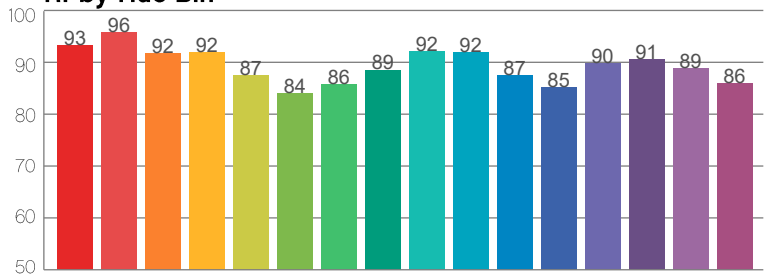
Color Vector Graphic



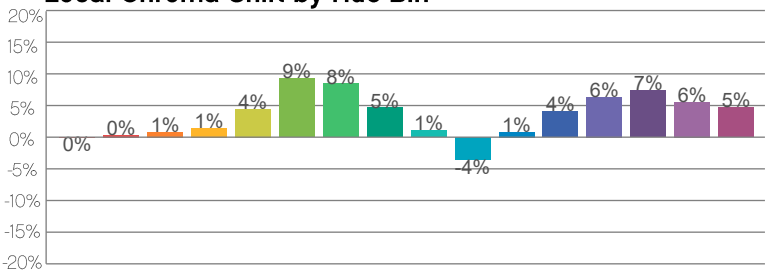
Color Distortion Graphic



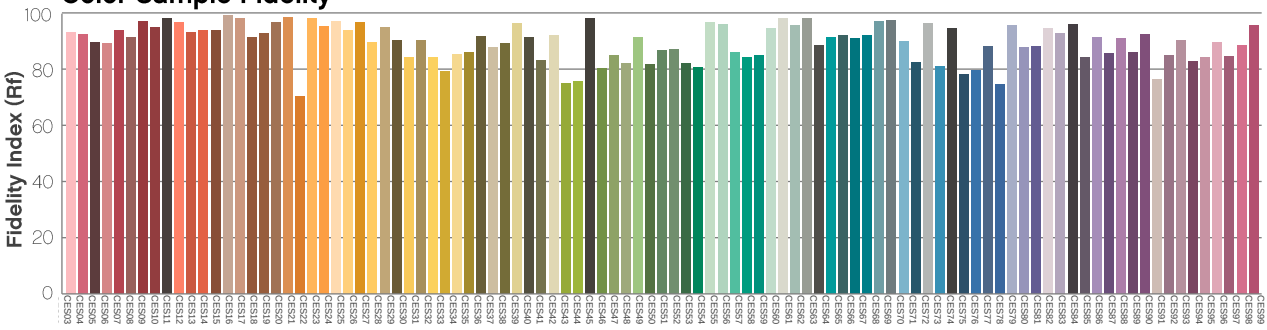
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

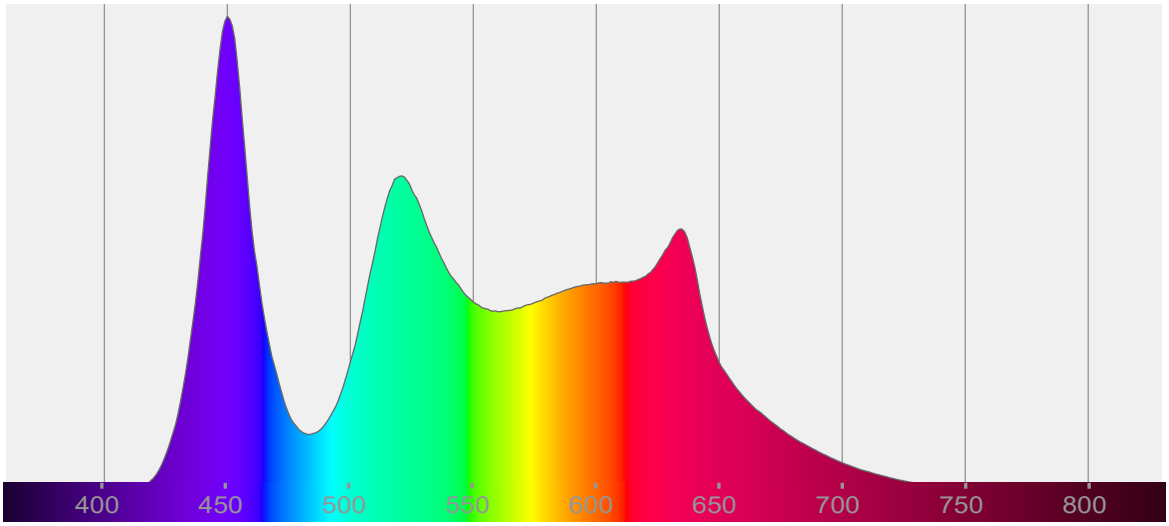
Total Lumens: 4699 lm
Peak Intensity: 16964 cd
Fixture Efficacy: 18 lm/W

Correlated Color Temperature: 5660K
Δuv: -0.0041



CRI: 91.1 CRI R9 Value: 98.0
CQS: 91.8
TLCI: 85
TM-30-18 Rf: 87.8
TM-30-18 Rg: 107.1
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM

Spectral Distribution



Tested Color

5660 K
CIE 1931 Coordinates:
X: 0.329 Y: 0.336

Color Temperature

5660 K

Light Quality

CRI: 91.1

Notes:

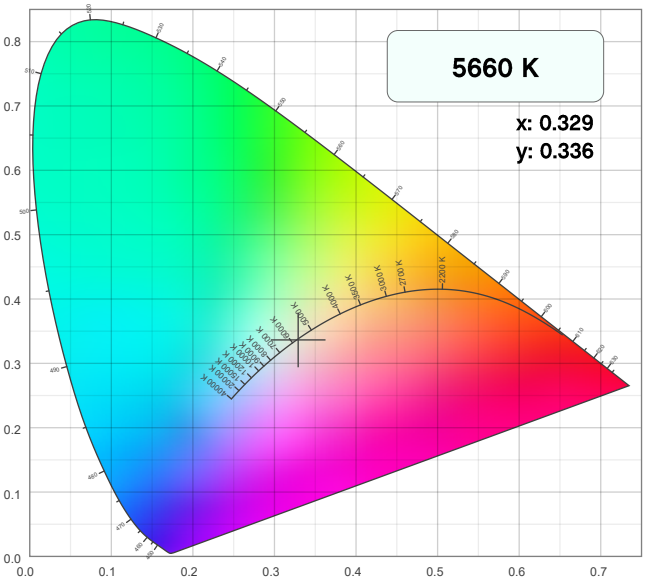
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Chromaticity Report

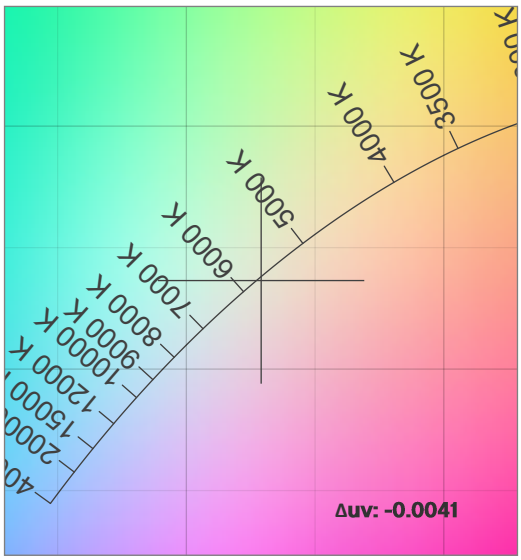
WELL Panel: 5600K

Chromaticity

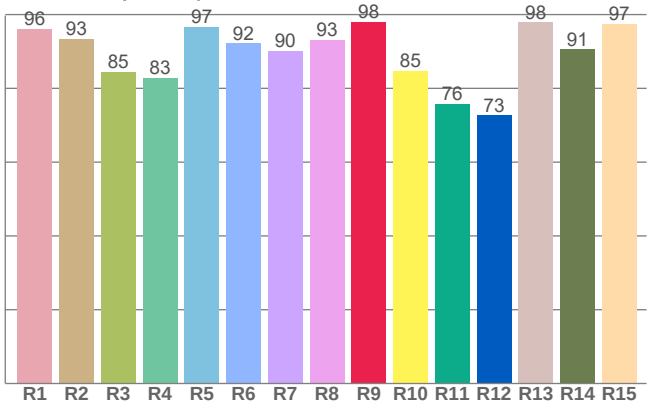
CIE 1931



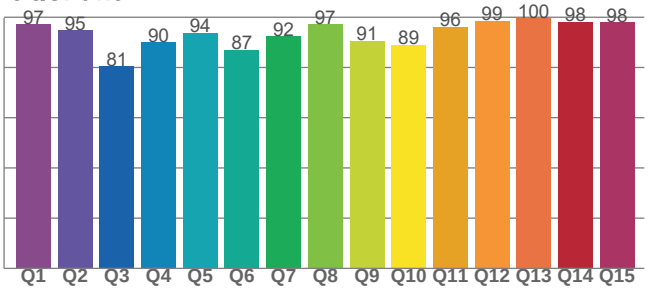
CIE 1931 - Zoom



CRI: 91.1 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5660 K	0.329	0.336

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.336	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.1	98.0	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
85	87.8	107.1

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Chromaticity Report

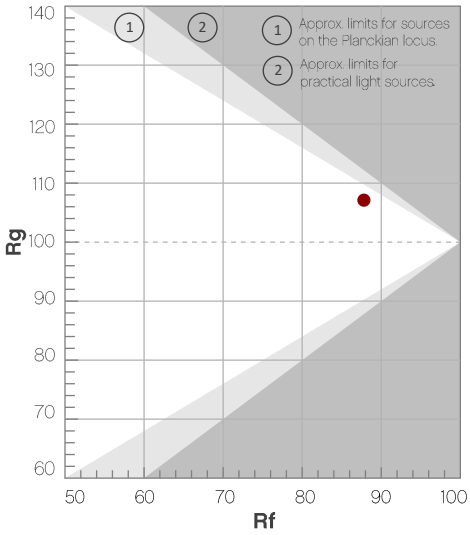
WELL Panel: 5600K

TM-30-18 Details

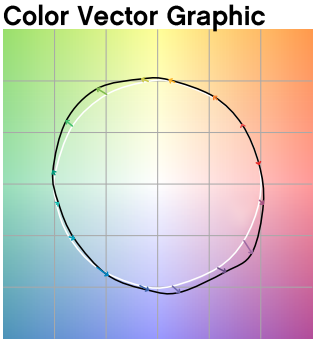
Rf 87.8
Fidelity Index (Rg)

Rg 107.1
Gamut Index (Rg)

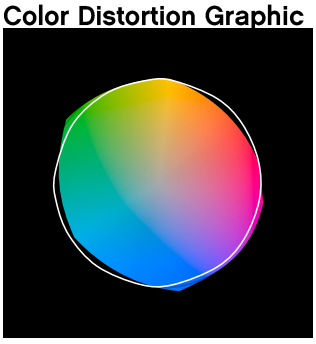
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	5%
4	89	1%	6%
5	85	4%	6%
6	84	10%	4%
7	87	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	90	-3%	4%
11	77	0%	13%
12	85	3%	9%
13	88	7%	6%
14	84	7%	4%
15	83	13%	-6%
16	91	4%	-3%



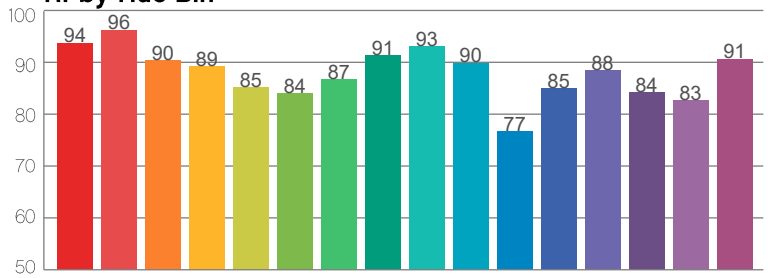
Color Vector Graphic



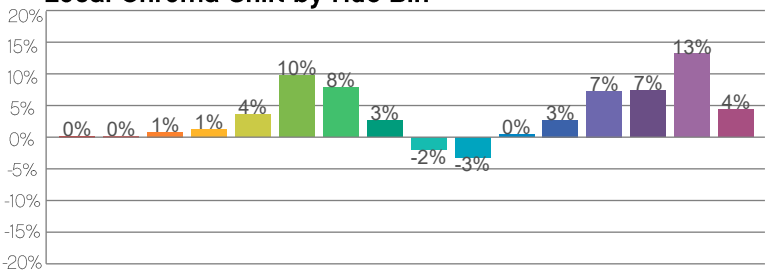
Color Distortion Graphic



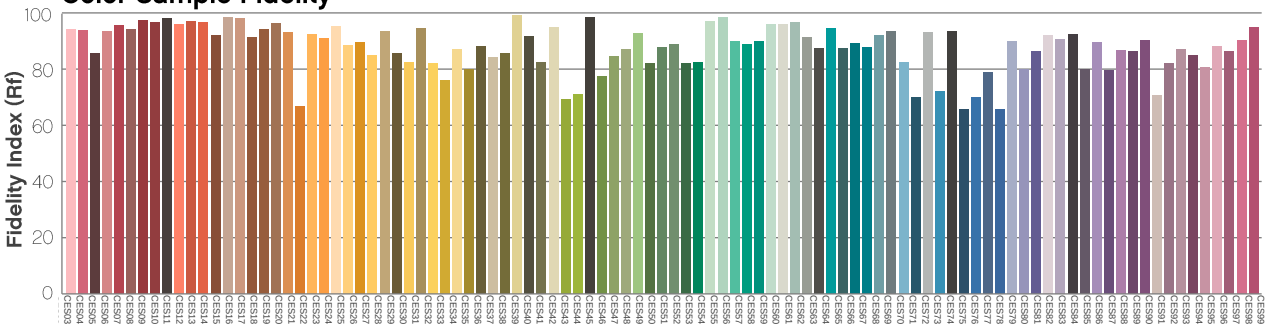
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

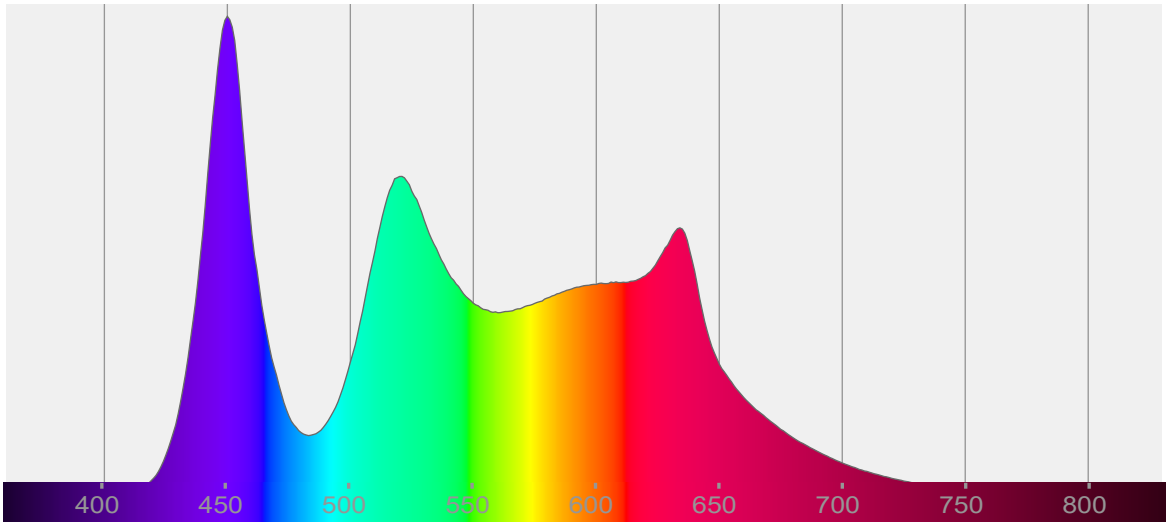
Total Lumens: 4864 lm
Peak Intensity: 16738 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5647K
Δuv: -0.0042

CRI: 91.0 CRI R9 Value: 97.9
CQS: 91.8
TLCI: 85
TM-30-18 Rf: 87.8
TM-30-18 Rg: 107.2
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5647 K
CIE 1931 Coordinates:
X: 0.329 Y: 0.337

Color Temperature

5647 K

Light Quality

CRI: 91.0

Notes:

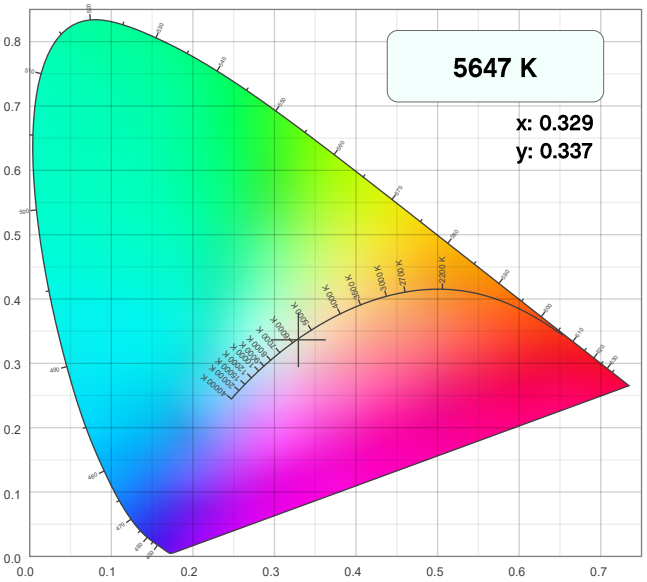
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Chromaticity Report

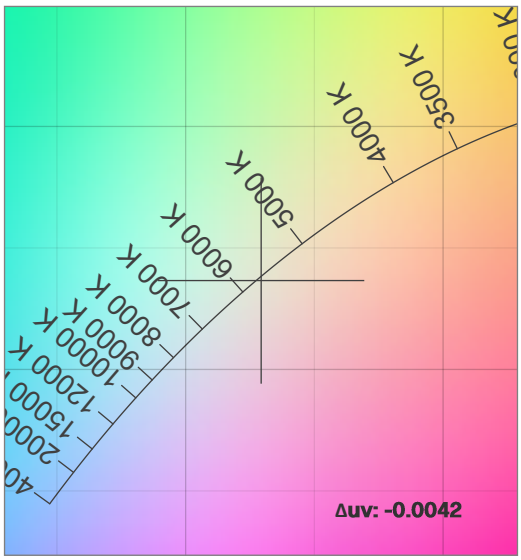
WELL Panel: 5600K

Chromaticity

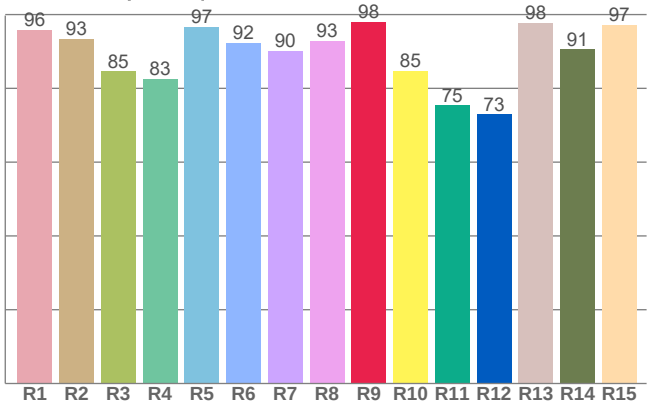
CIE 1931



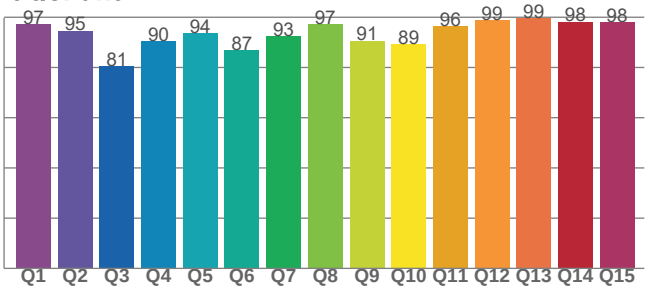
CIE 1931 - Zoom



CRI: 91.0 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5647 K	0.329	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.337	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.0	97.9	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
85	87.8	107.2

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Chromaticity Report

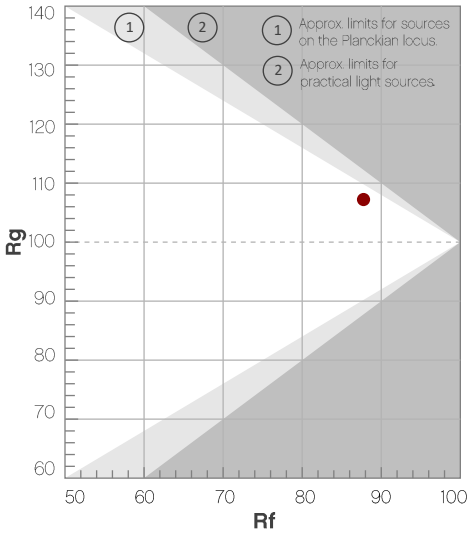
WELL Panel: 5600K

TM-30-18 Details

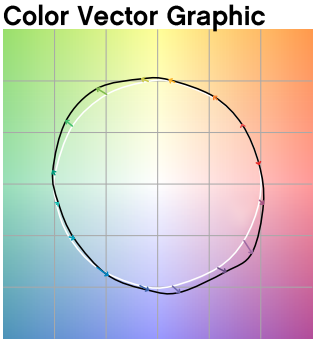
Rf 87.8
Fidelity Index (Rg)

Rg 107.2
Gamut Index (Rg)

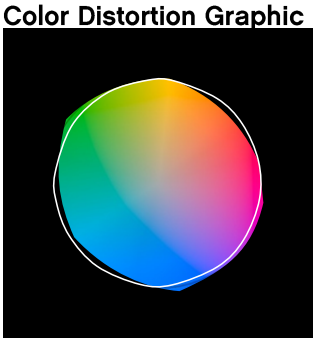
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	5%
4	89	1%	6%
5	85	4%	6%
6	84	10%	5%
7	86	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	90	-3%	4%
11	77	0%	13%
12	85	3%	9%
13	88	7%	6%
14	84	7%	4%
15	83	13%	-6%
16	91	4%	-3%



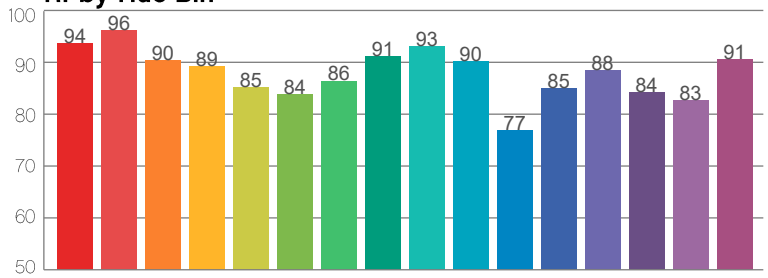
Color Vector Graphic



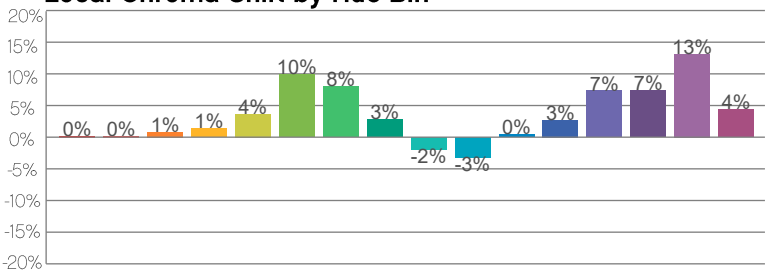
Color Distortion Graphic



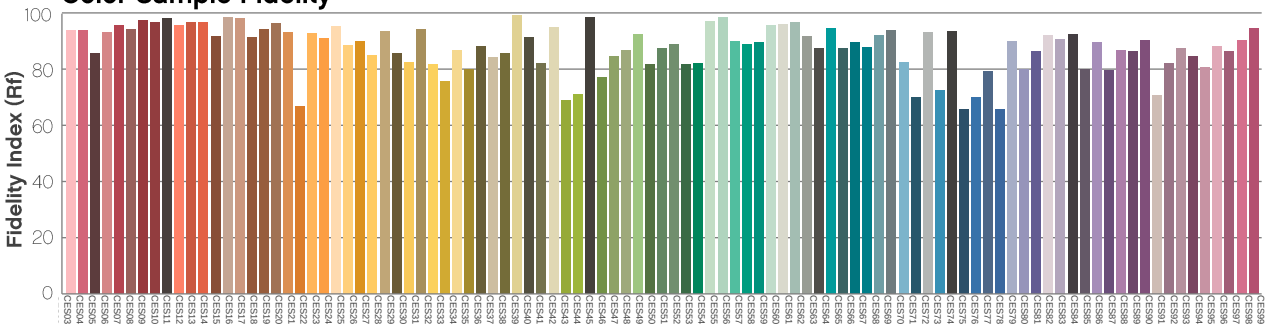
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

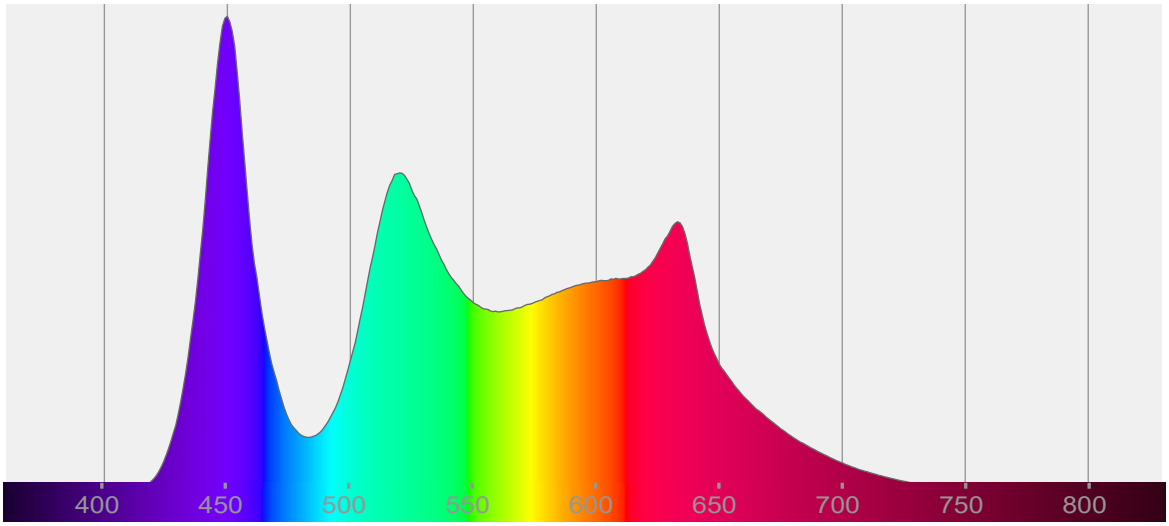
Total Lumens: 2484 lm
Peak Intensity: 8593 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5566K
Δuv: -0.0041

CRI: 90.9 CRI R9 Value: 97.6
CQS: 91.8
TLCI: 84
TM-30-18 Rf: 87.7
TM-30-18 Rg: 107.4
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5566 K
CIE 1931 Coordinates:
X: 0.331 Y: 0.338

Color Temperature

5566 K

Light Quality

CRI: 90.9

Notes:

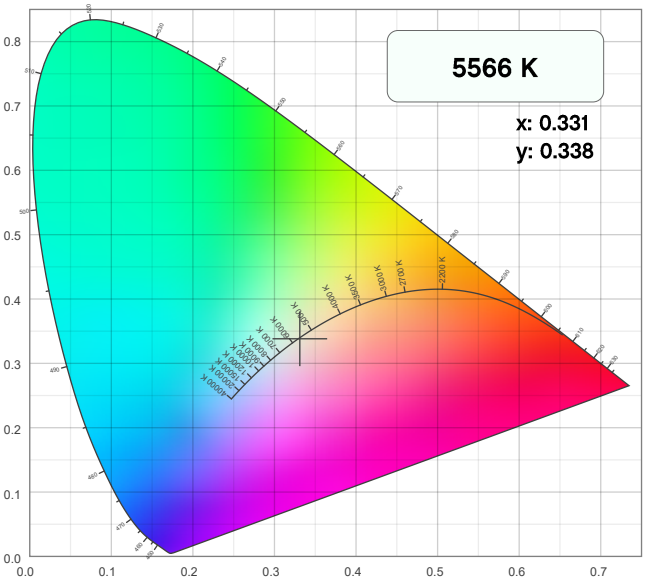
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Chromaticity Report

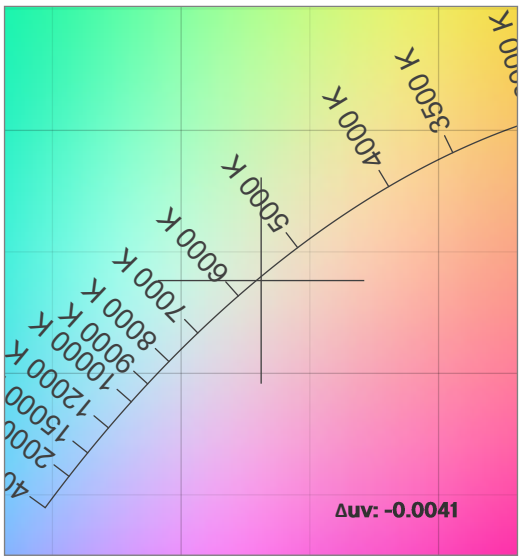
WELL Panel: 5600K

Chromaticity

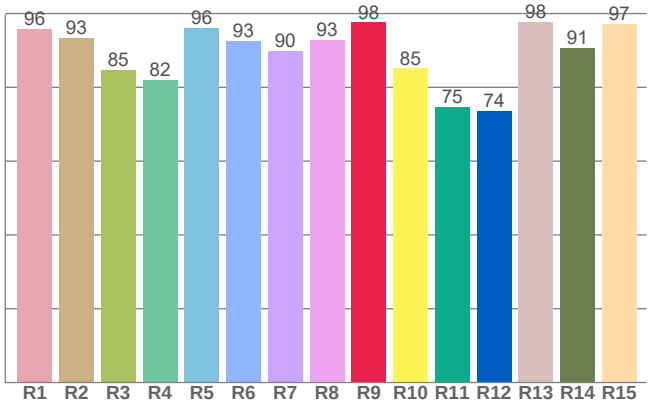
CIE 1931



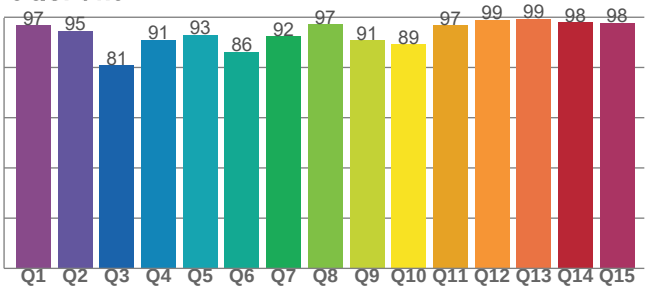
CIE 1931 - Zoom



CRI: 90.9 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5566 K	0.331	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.338	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.9	97.6	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
84	87.7	107.4

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Chromaticity Report

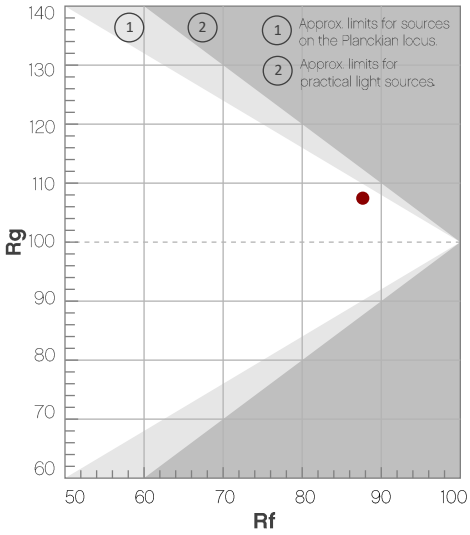
WELL Panel: 5600K

TM-30-18 Details

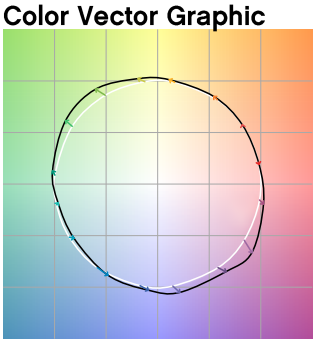
Rf 87.7
Fidelity Index (Rg)

Rg 107.4
Gamut Index (Rg)

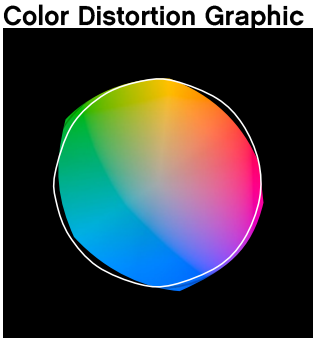
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	1%	6%
5	86	4%	6%
6	82	10%	5%
7	86	8%	-1%
8	91	3%	-3%
9	93	-2%	-2%
10	91	-3%	3%
11	77	0%	13%
12	85	3%	9%
13	89	7%	5%
14	84	7%	4%
15	83	13%	-6%
16	90	5%	-3%



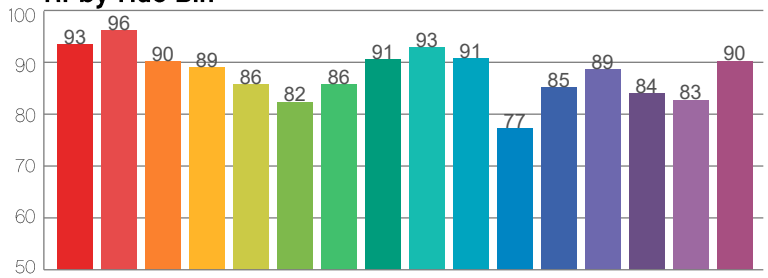
Color Vector Graphic



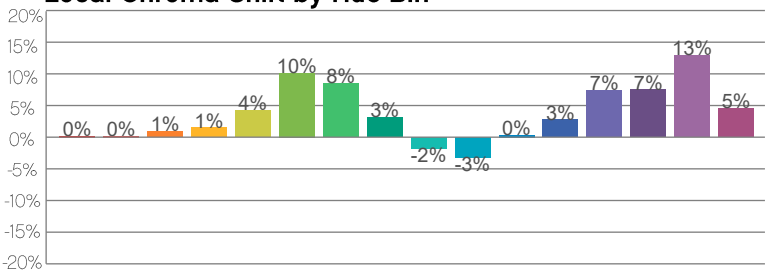
Color Distortion Graphic



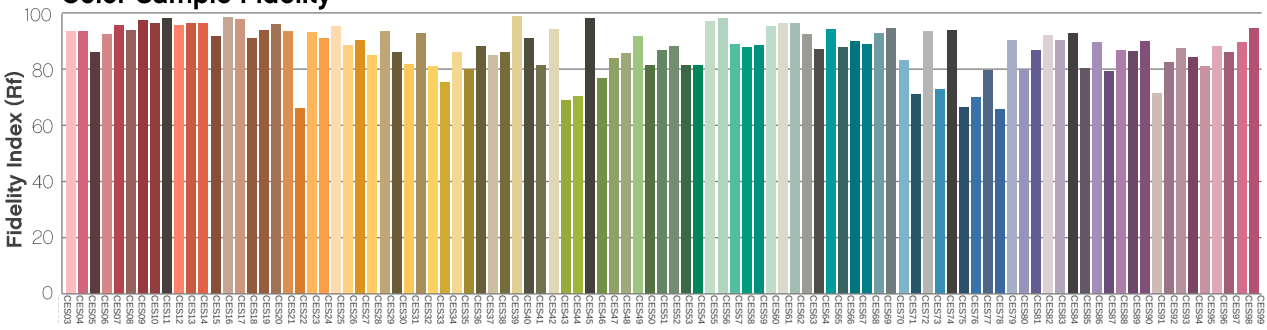
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

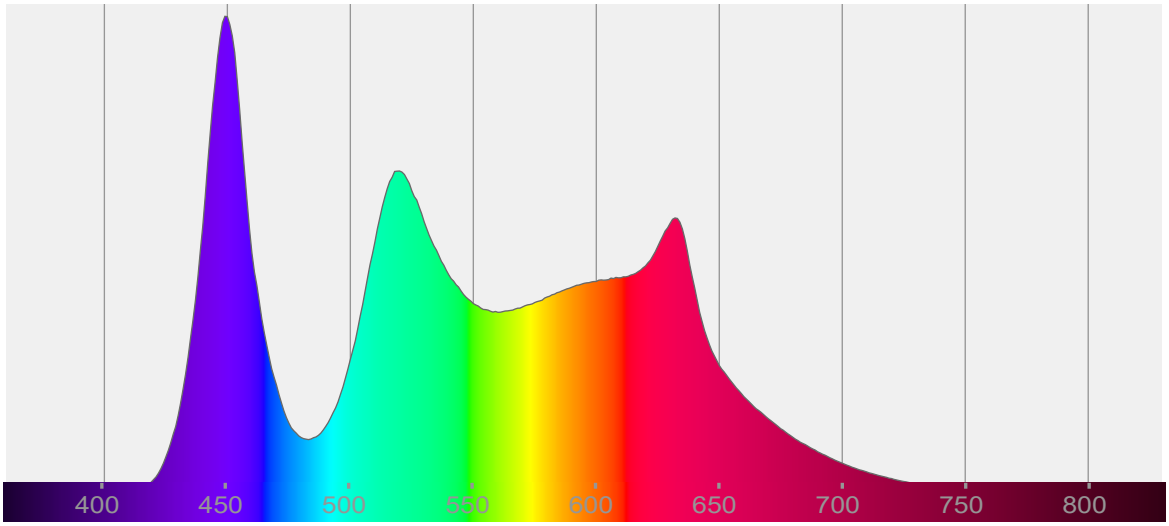
Total Lumens: 1574 lm
Peak Intensity: 5389 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5523K
Δuv: -0.0040

CRI: 90.8 CRI R9 Value: 97.3
CQS: 91.8
TLCI: 83
TM-30-18 Rf: 87.6
TM-30-18 Rg: 107.6
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5523 K
CIE 1931 Coordinates:
X: 0.332 Y: 0.339

Color Temperature

5523 K

Light Quality

CRI: 90.8

Notes:

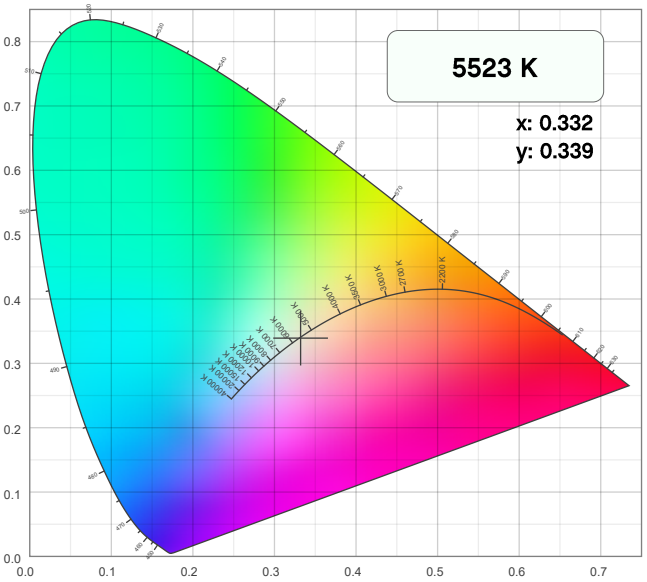
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Chromaticity Report

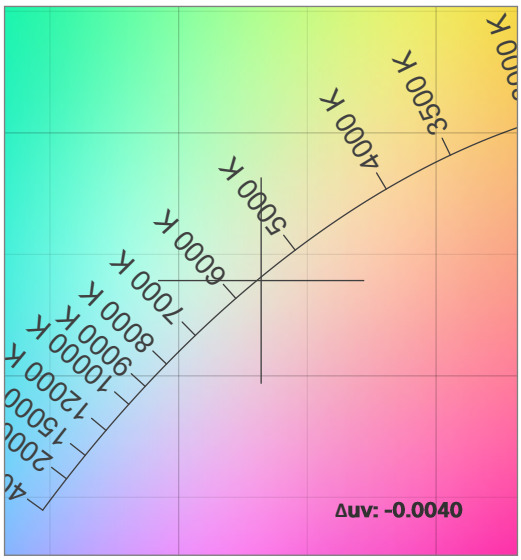
WELL Panel: 5600K

Chromaticity

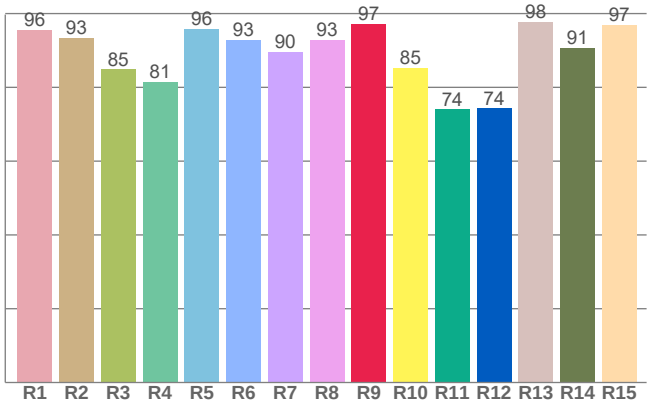
CIE 1931



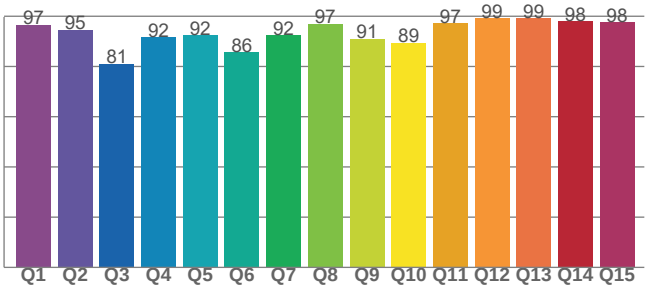
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5523 K	0.332	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0040	0.339	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	97.3	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
83	87.6	107.6

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Chromaticity Report

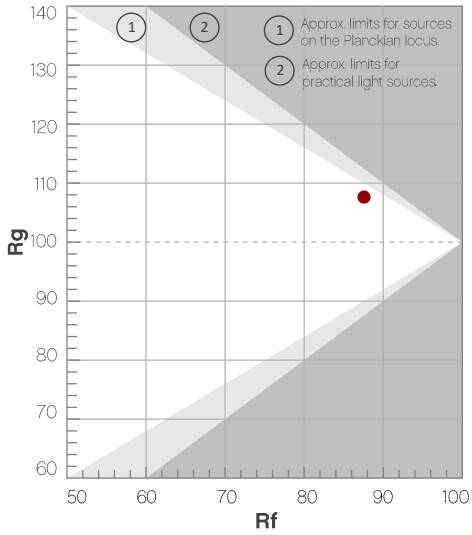
WELL Panel: 5600K

TM-30-18 Details

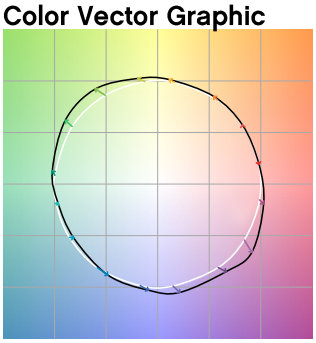
Rf 87.6
Fidelity Index (Rg)

Rg 107.6
Gamut Index (Rg)

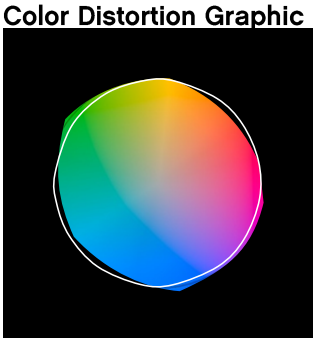
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	2%	6%
5	86	4%	6%
6	82	10%	5%
7	85	9%	-1%
8	90	3%	-4%
9	93	-2%	-2%
10	91	-3%	3%
11	78	0%	12%
12	85	3%	9%
13	89	7%	5%
14	84	8%	4%
15	83	13%	-6%
16	90	5%	-3%



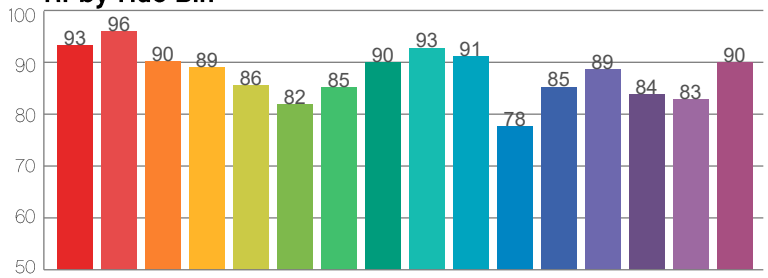
Color Vector Graphic



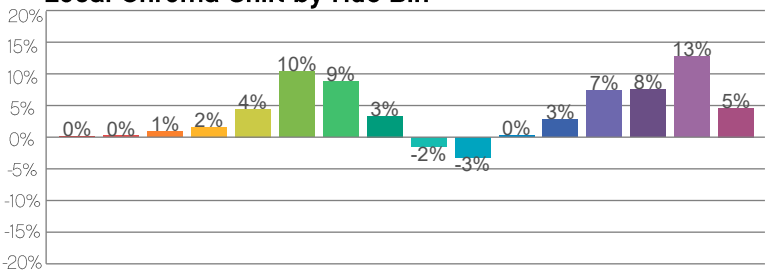
Color Distortion Graphic



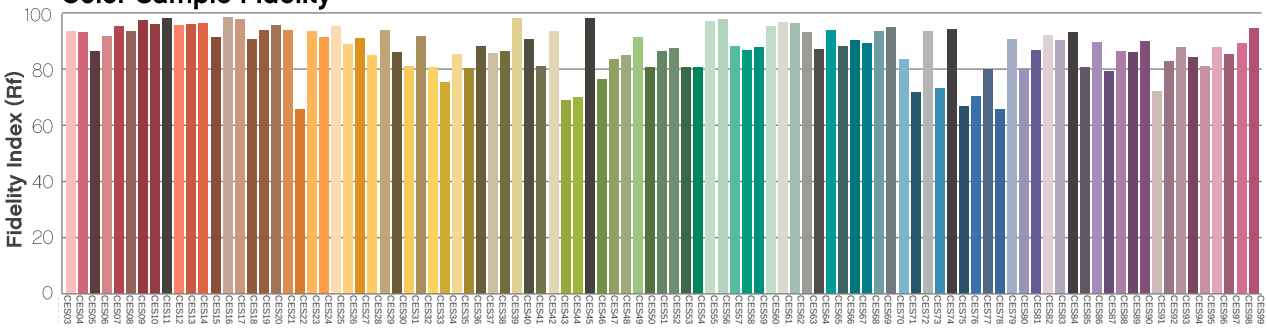
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

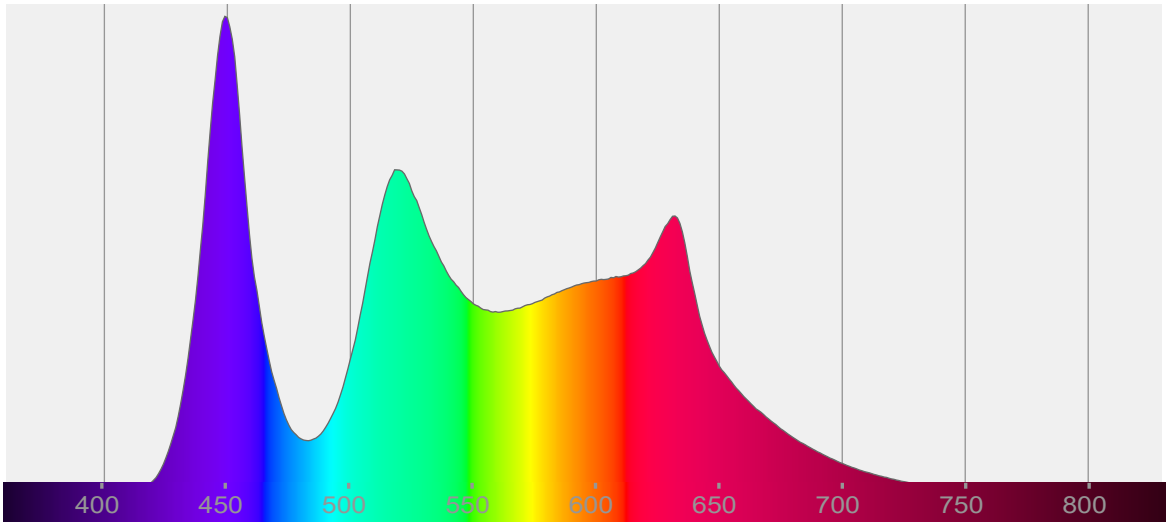
Total Lumens: 1023 lm
Peak Intensity: 3520 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5489K
Δuv: -0.0039

CRI: 90.8 CRI R9 Value: 96.6
CQS: 91.8
TLCI: 82
TM-30-18 Rf: 88.0
TM-30-18 Rg: 107.1
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 518 nM



Spectral Distribution



Tested Color

5489 K
CIE 1931 Coordinates:
X: 0.333 Y: 0.340

Color Temperature

5489 K

Light Quality

CRI: 90.8

Notes:

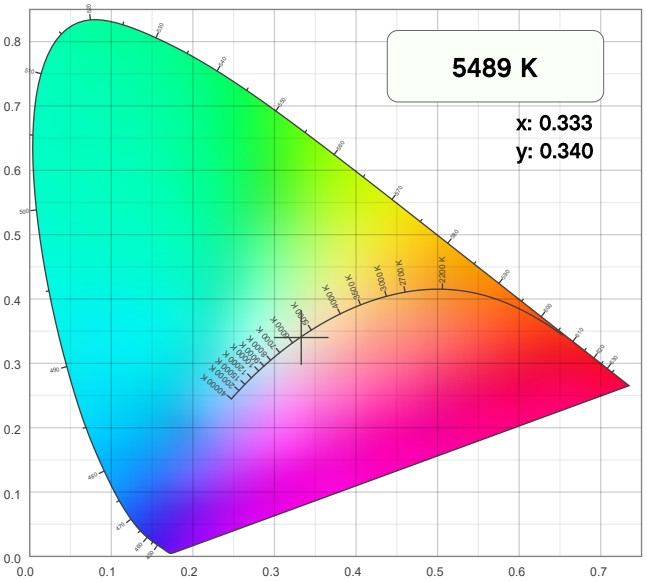
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Chromaticity Report

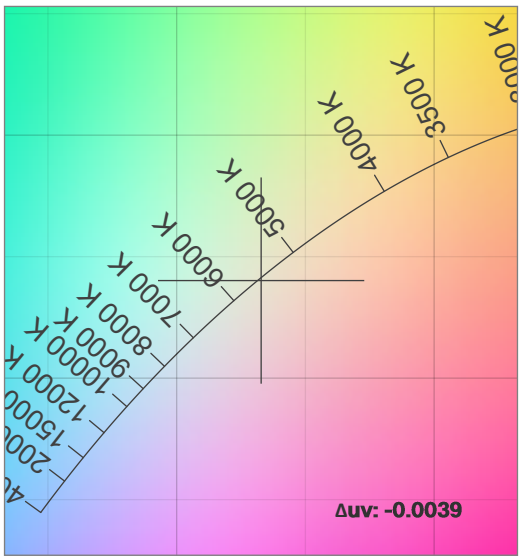
WELL Panel: 5600K

Chromaticity

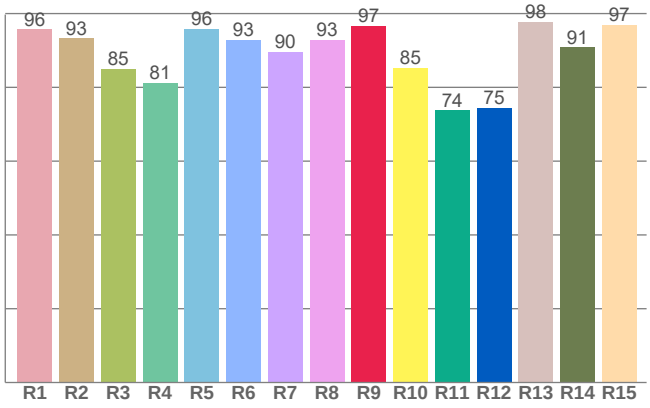
CIE 1931



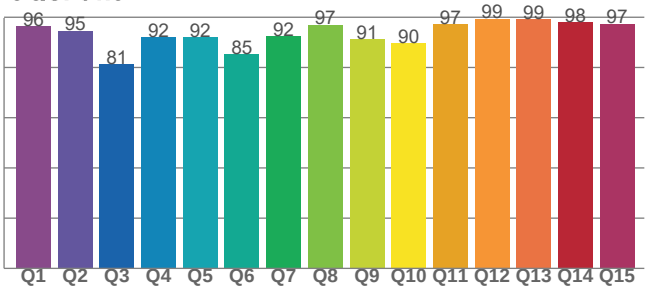
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5489 K	0.333	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.340	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	96.6	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
82	88.0	107.1

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Chromaticity Report

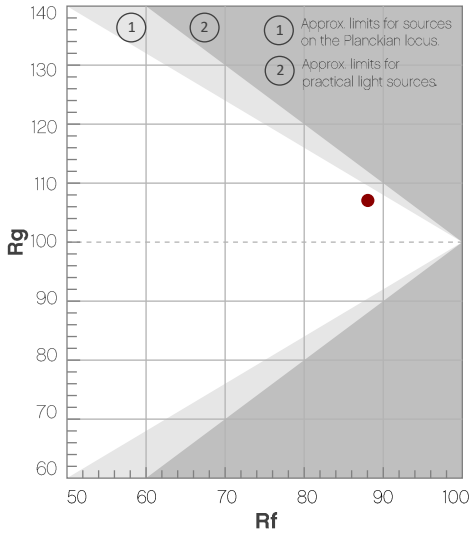
WELL Panel: 5600K

TM-30-18 Details

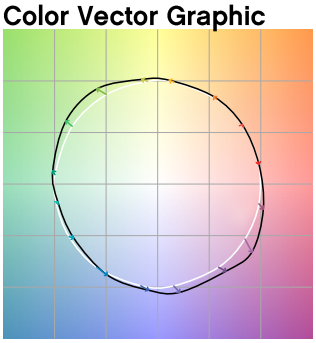
Rf 88.0
Fidelity Index (Rg)

Rg 107.1
Gamut Index (Rg)

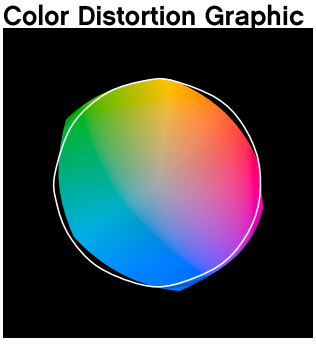
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	91	1%	4%
4	90	1%	5%
5	86	3%	5%
6	84	10%	5%
7	86	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	91	-3%	3%
11	77	1%	13%
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15	82	13%	-7%
16	89	5%	-4%



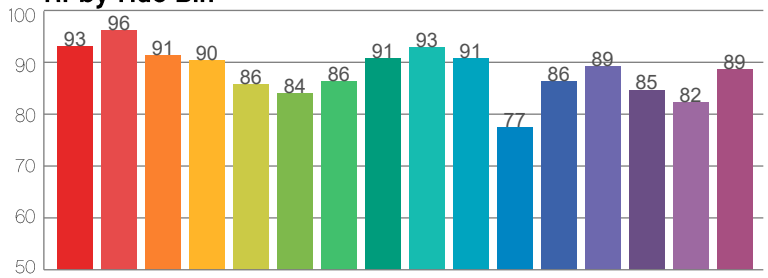
Color Vector Graphic



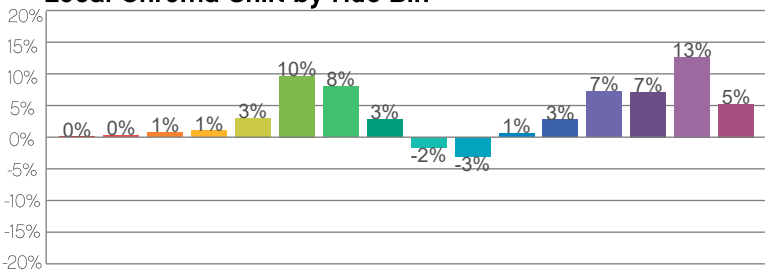
Color Distortion Graphic



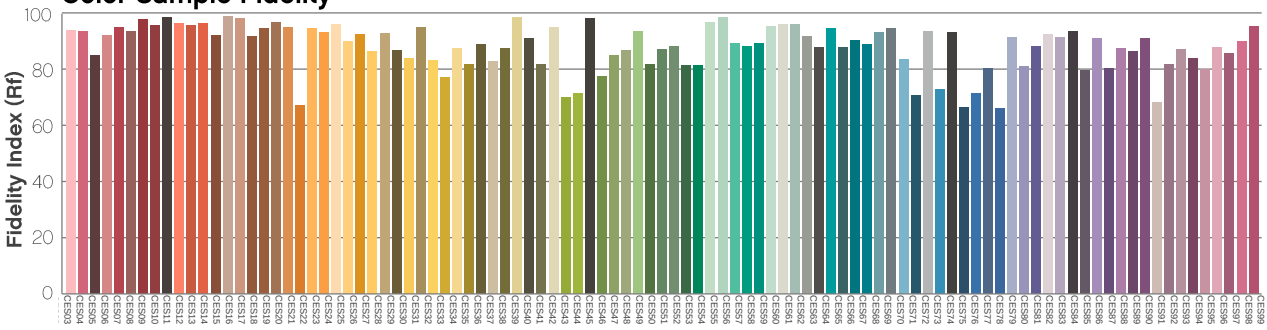
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

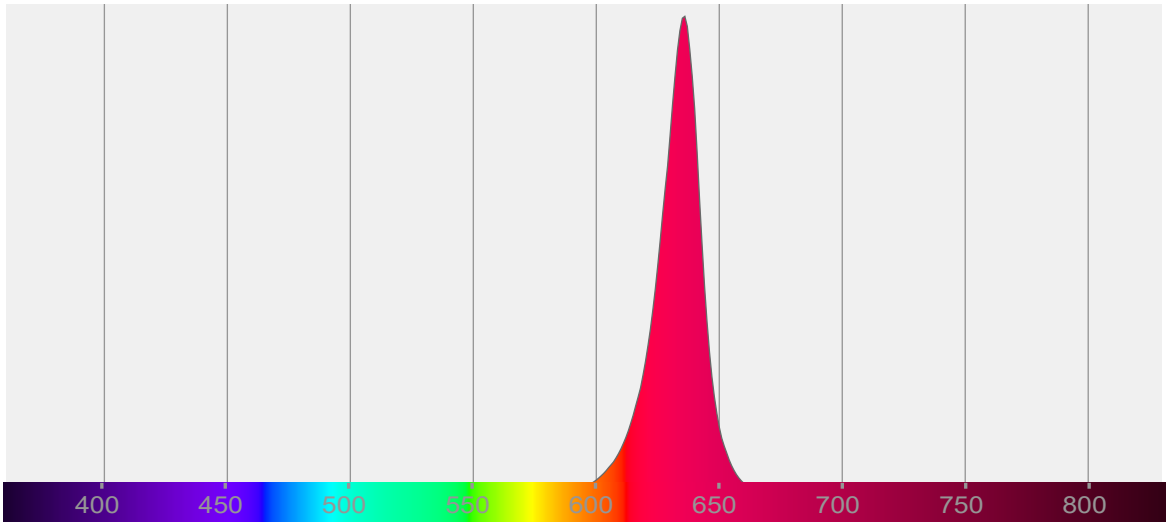
Total Lumens: 2314 lm
Peak Intensity: 6820 cd
Fixture Efficacy: 7 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 636 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

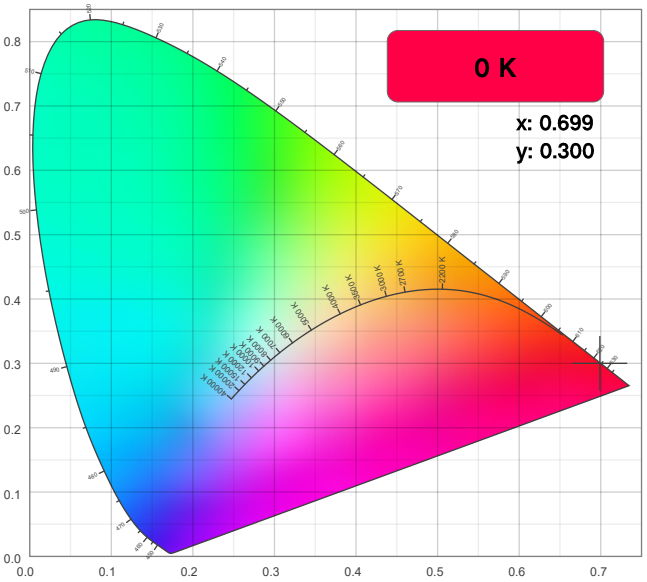
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Chromaticity Report

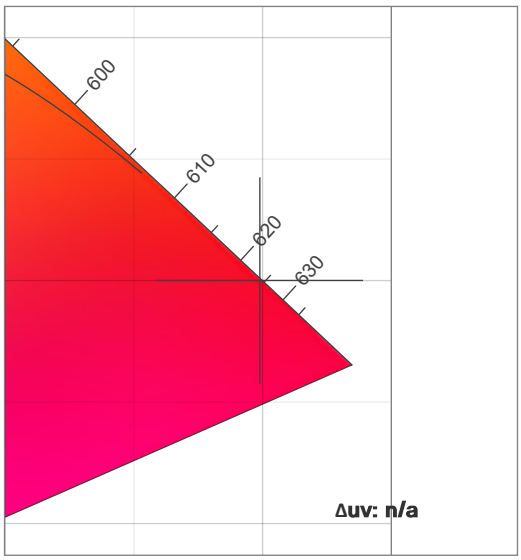
WELL Panel: Red Only

Chromaticity

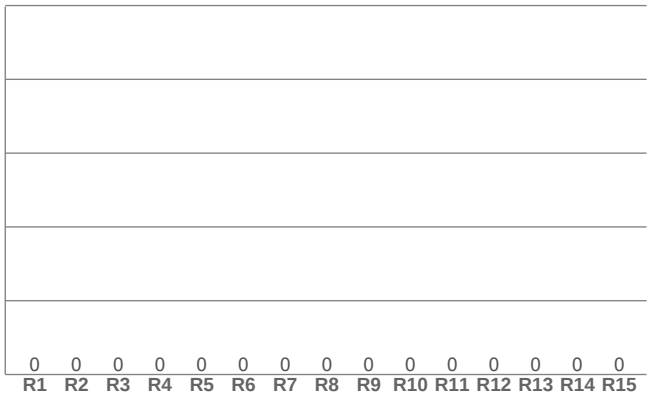
CIE 1931



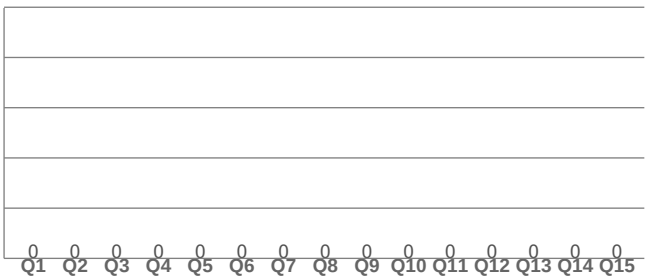
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.537

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

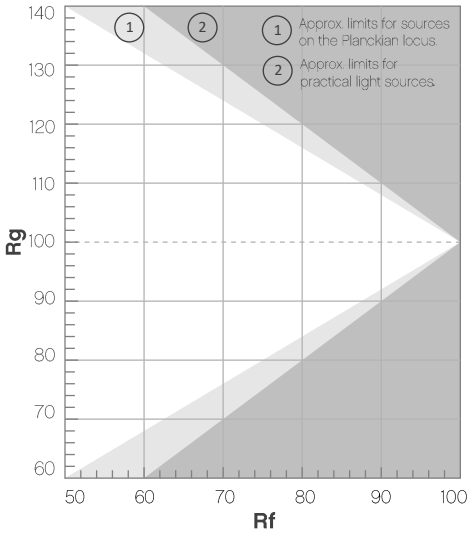
WELL Panel: Red Only

TM-30-18 Details

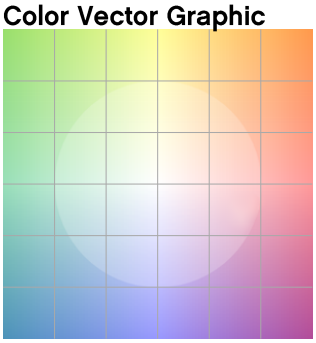
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

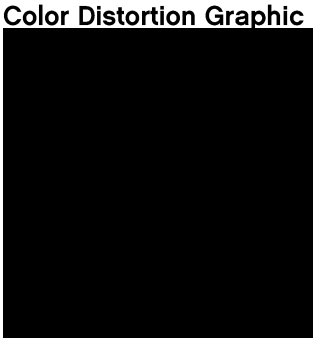
Hue Bin	R_f	Chroma Shift	Hue Shift
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16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



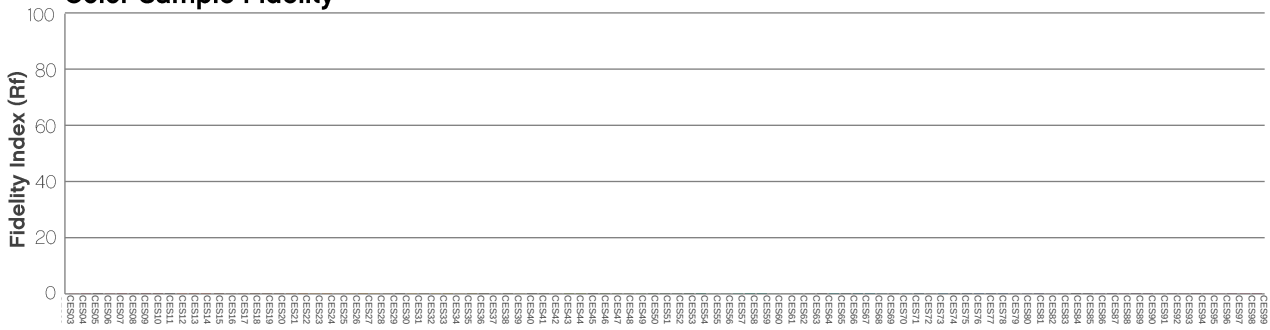
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

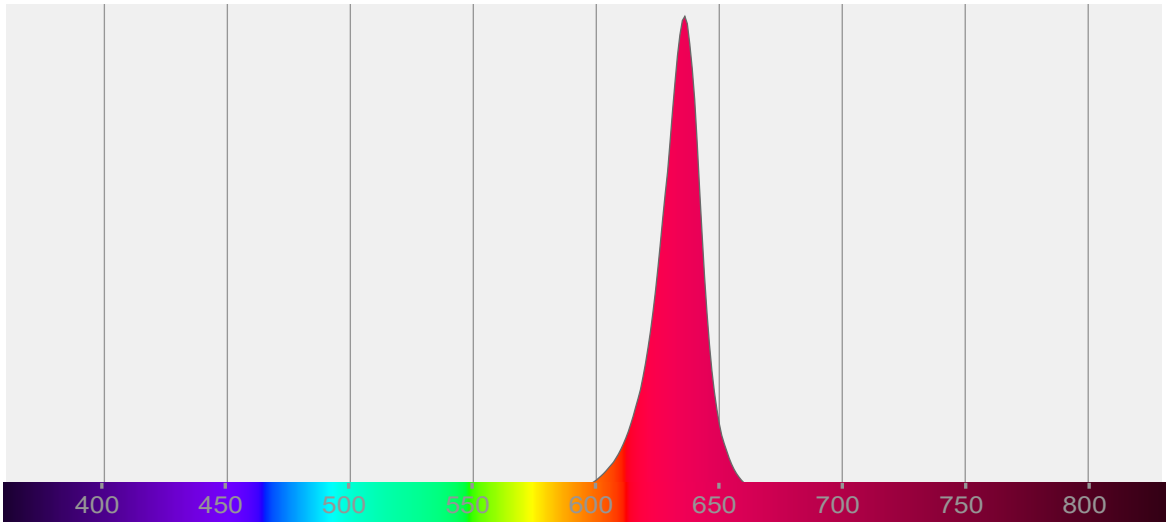
Total Lumens: 2246 lm
Peak Intensity: 6559 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 636 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

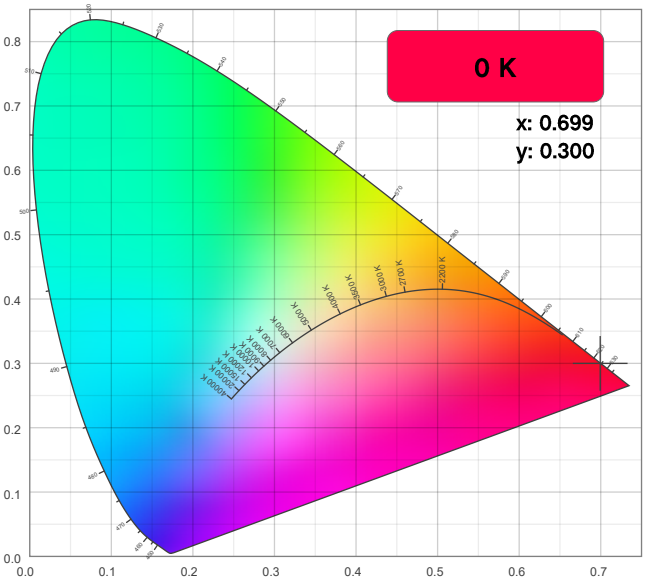
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Chromaticity Report

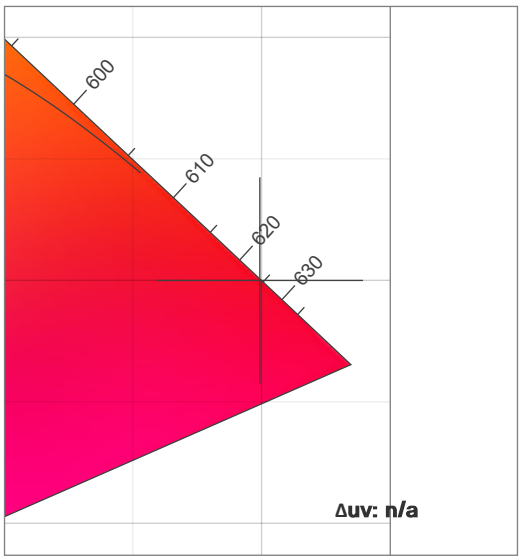
WELL Panel: Red Only

Chromaticity

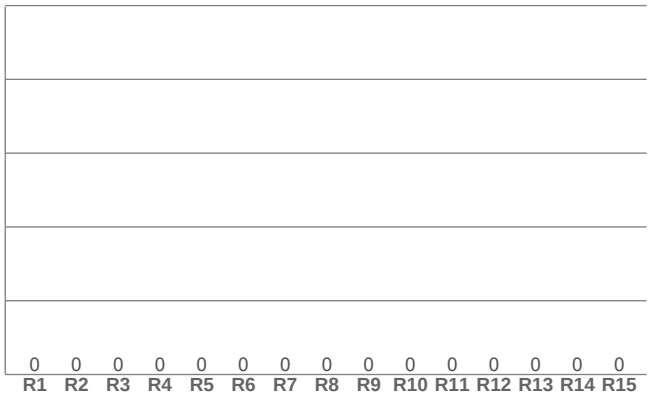
CIE 1931



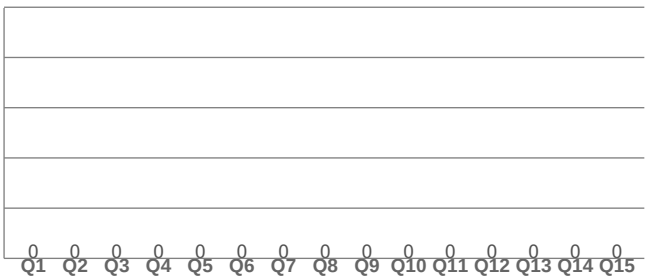
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.538

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

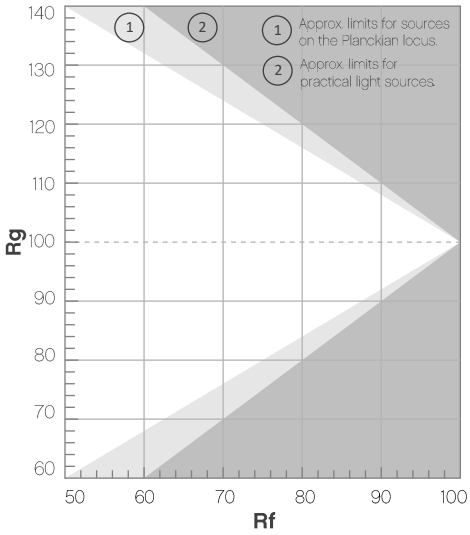
WELL Panel: Red Only

TM-30-18 Details

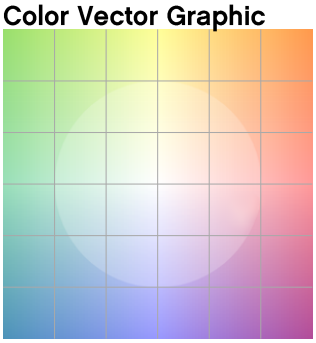
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

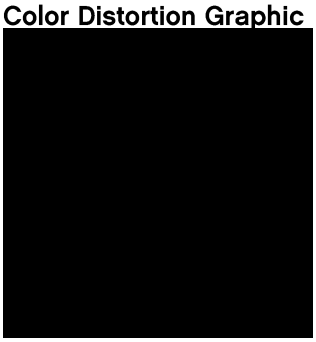
Hue Bin	R_f	Chroma Shift	Hue Shift
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3	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
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16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



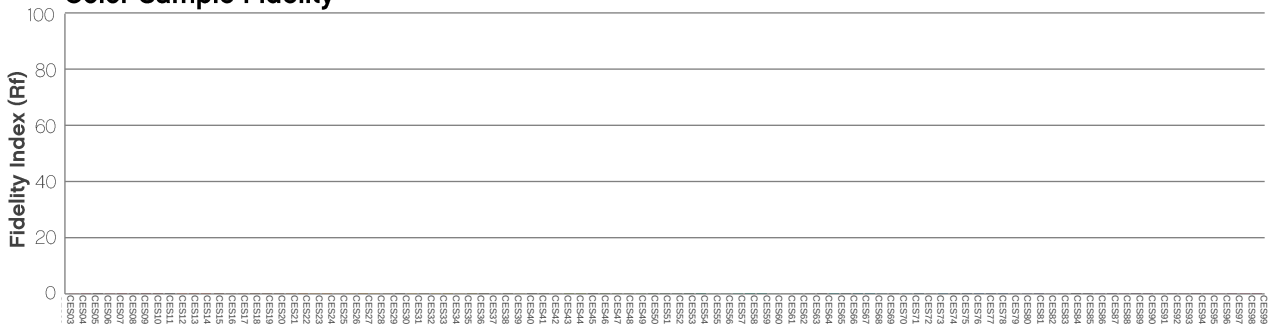
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

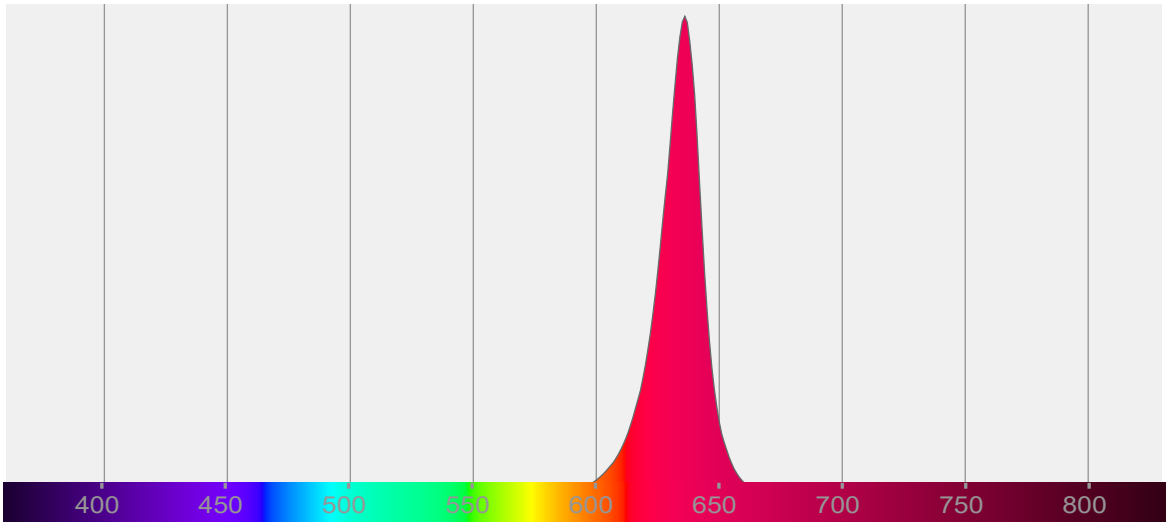
Total Lumens: 2230 lm
Peak Intensity: 6491 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 636 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

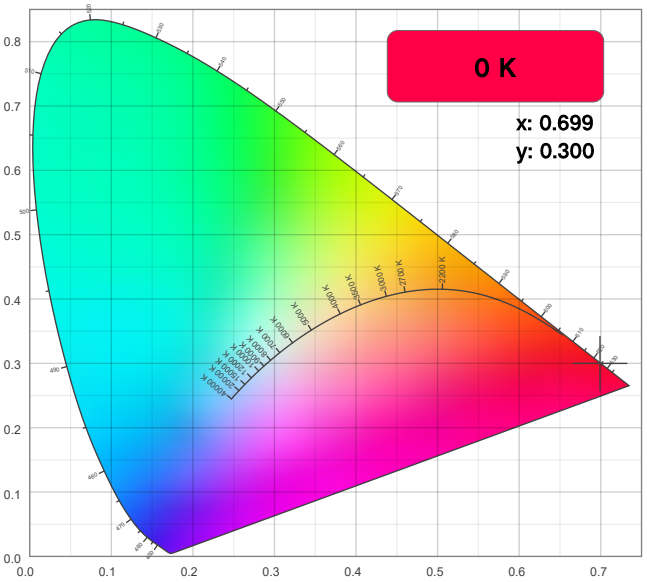
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Chromaticity Report

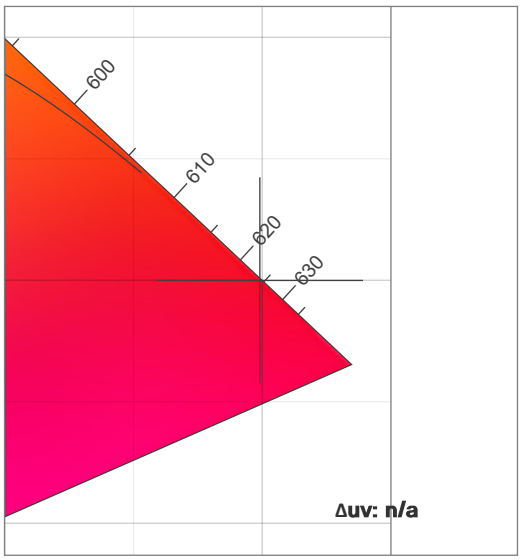
WELL Panel: Red Only

Chromaticity

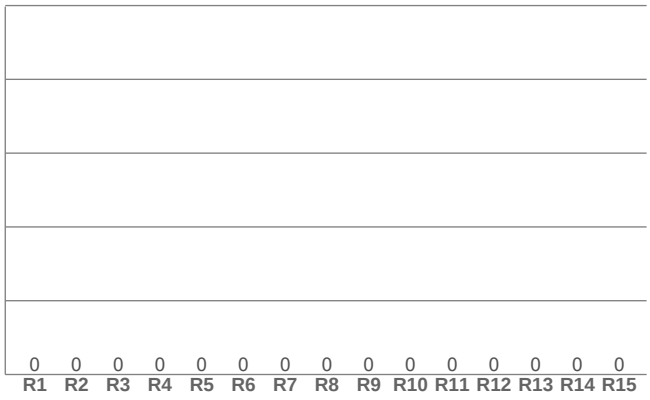
CIE 1931



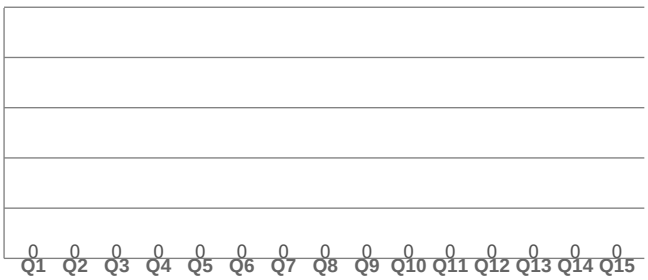
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.538

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

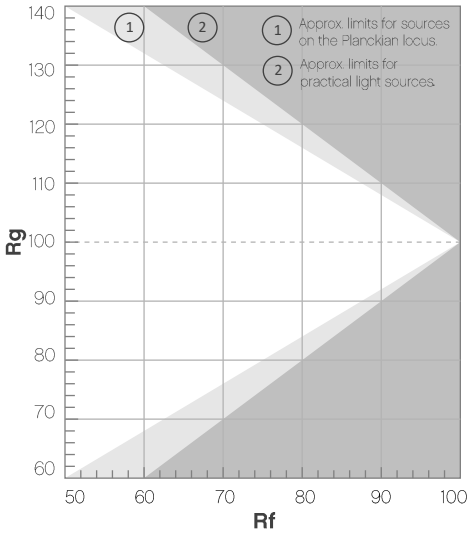
WELL Panel: Red Only

TM-30-18 Details

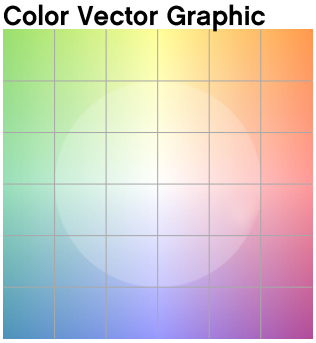
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

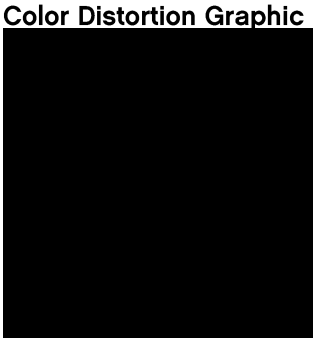
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
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16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



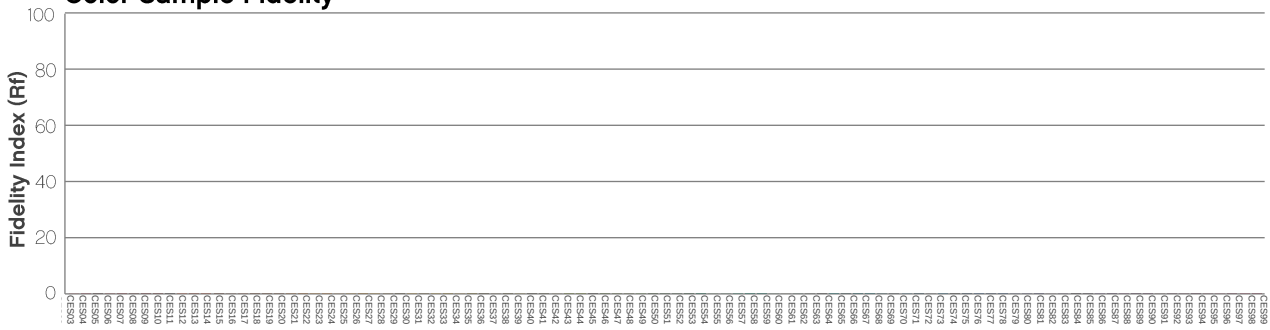
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

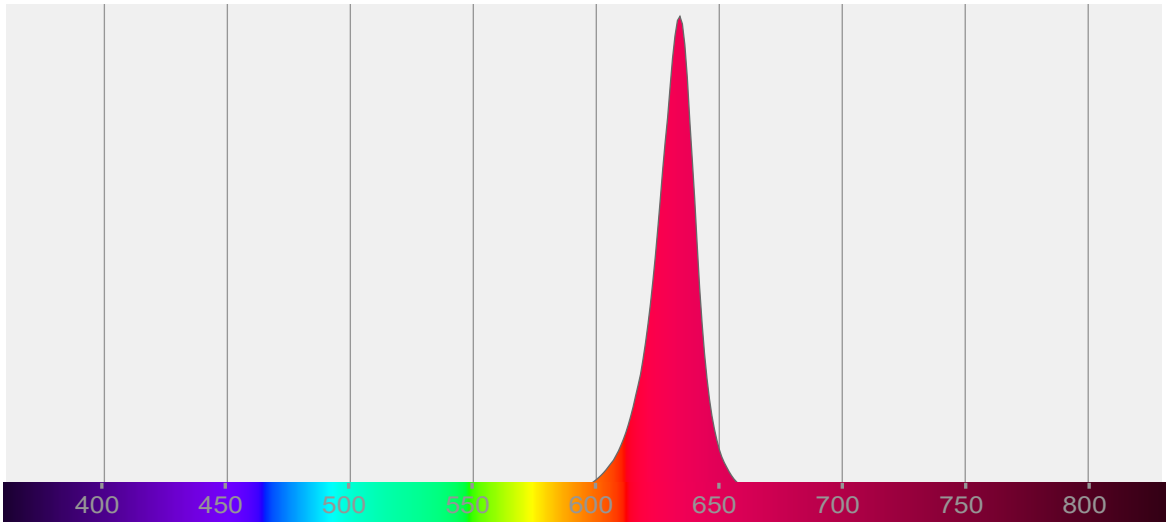
Total Lumens: 692 lm
Peak Intensity: 2355 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.301

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

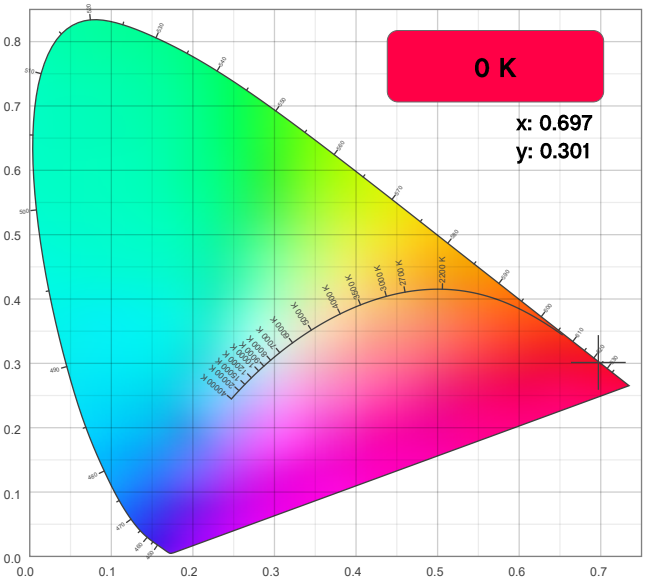
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Chromaticity Report

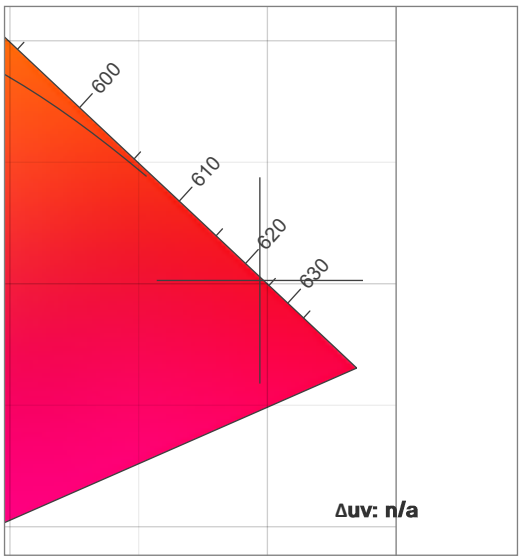
WELL Panel: Red Only

Chromaticity

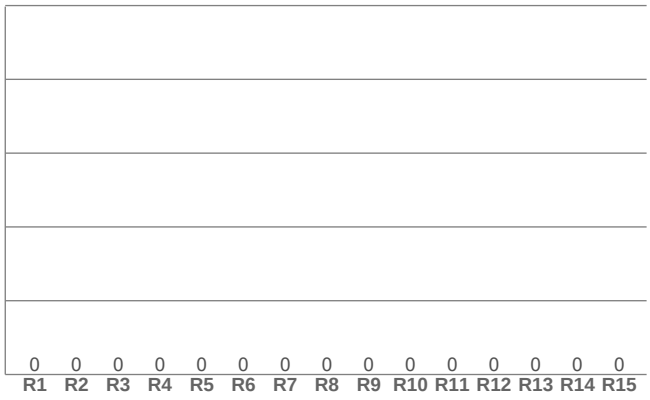
CIE 1931



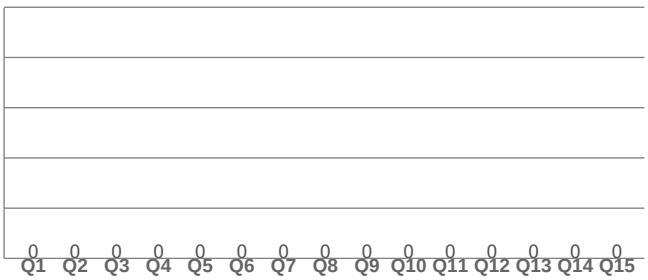
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.301

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.301	0.534

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

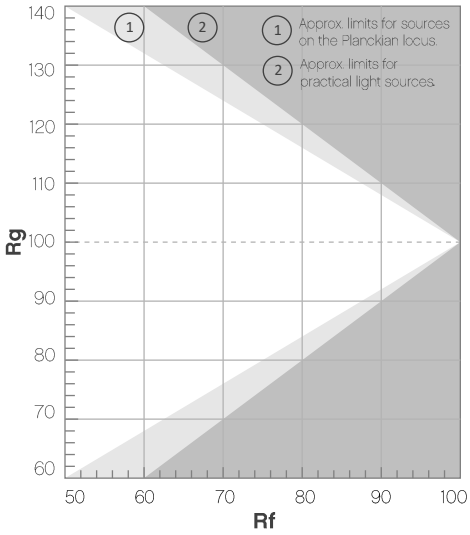
WELL Panel: Red Only

TM-30-18 Details

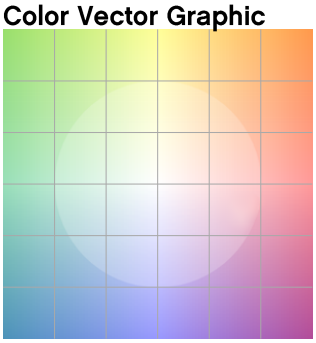
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

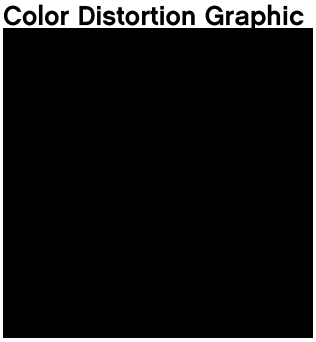
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



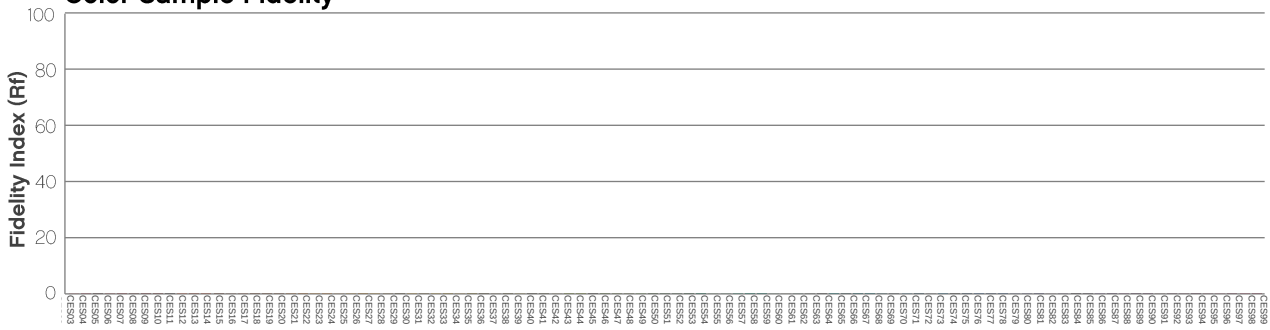
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

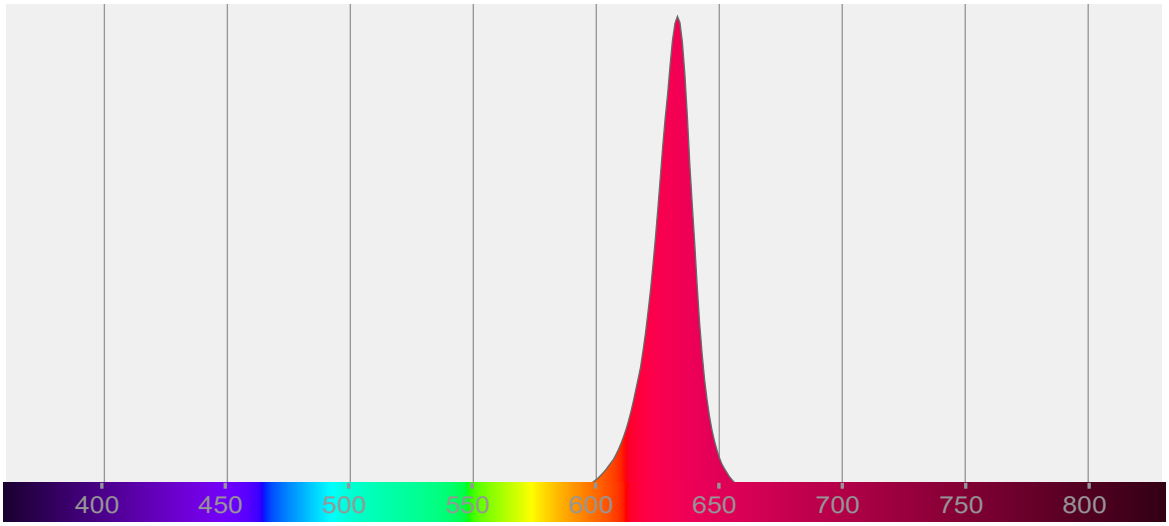
Total Lumens: 467 lm
Peak Intensity: 1480 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

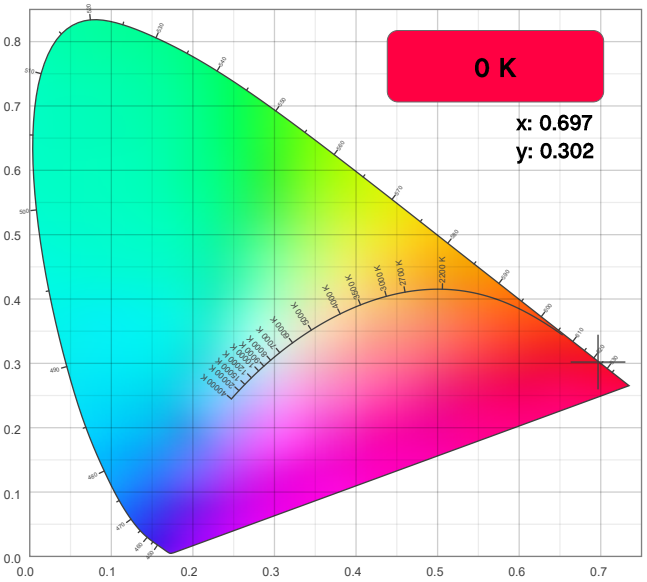
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Chromaticity Report

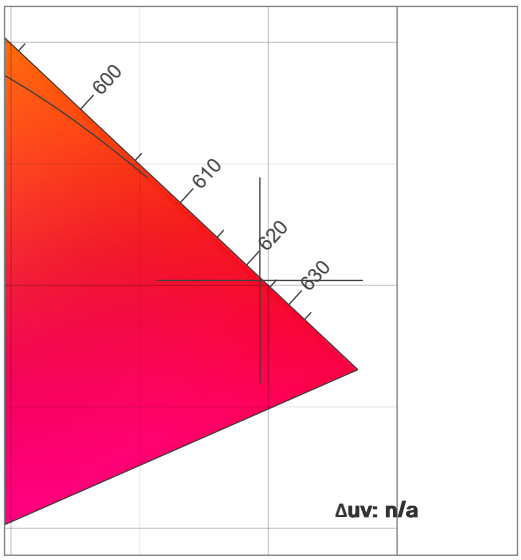
WELL Panel: Red Only

Chromaticity

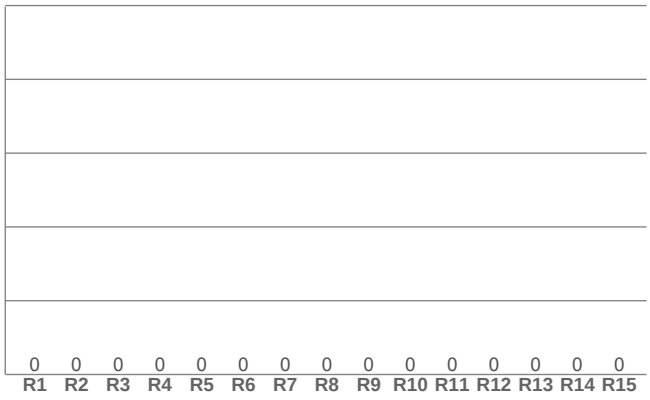
CIE 1931



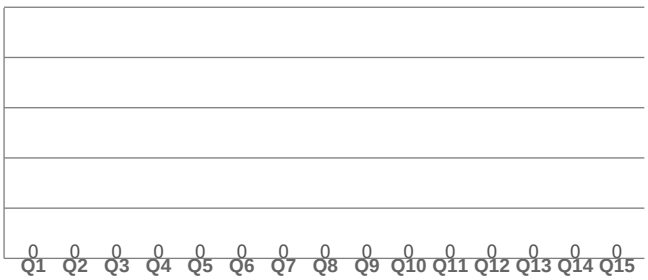
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.533

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

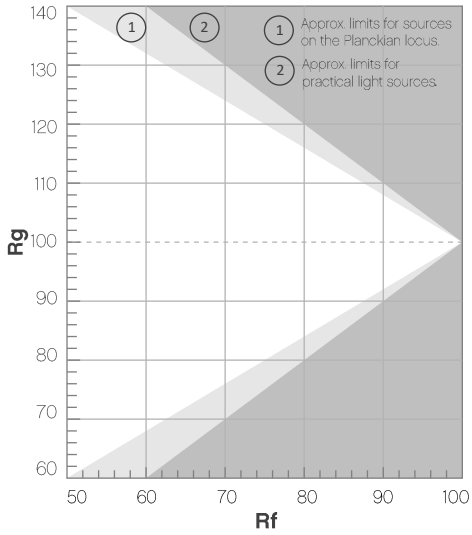
WELL Panel: Red Only

TM-30-18 Details

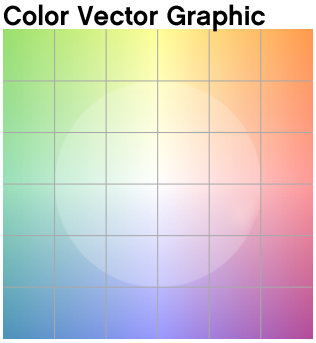
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

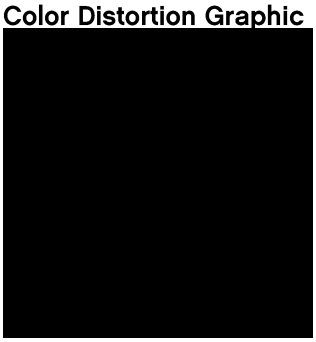
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
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16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



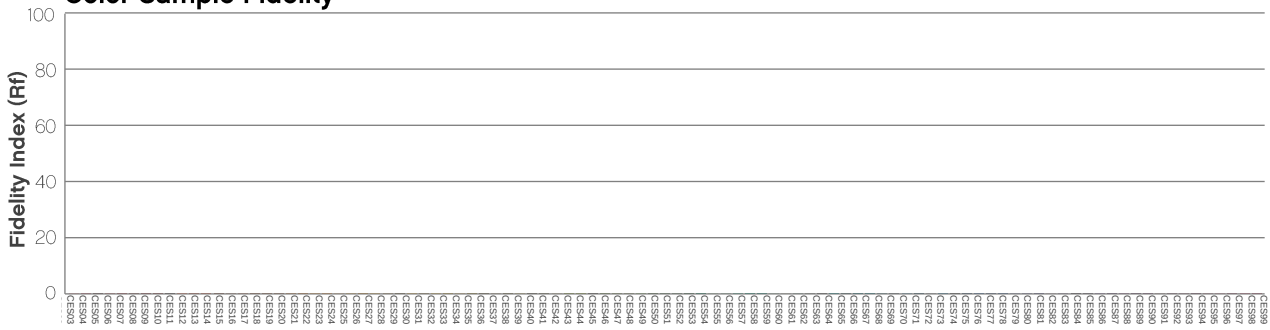
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

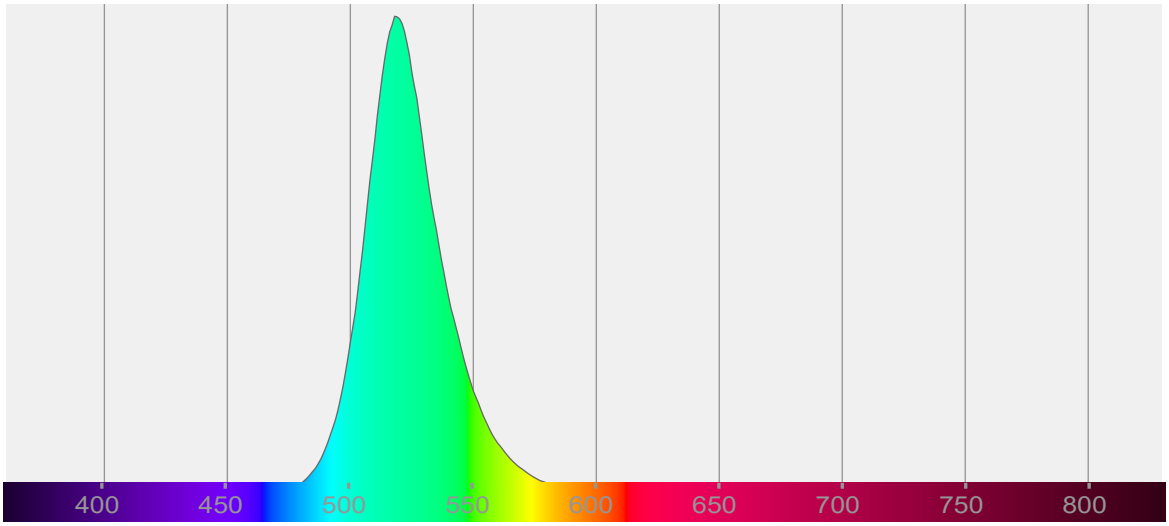
Total Lumens: 4693 lm
Peak Intensity: 15776 cd
Fixture Efficacy: 12 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.161 Y: 0.727

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

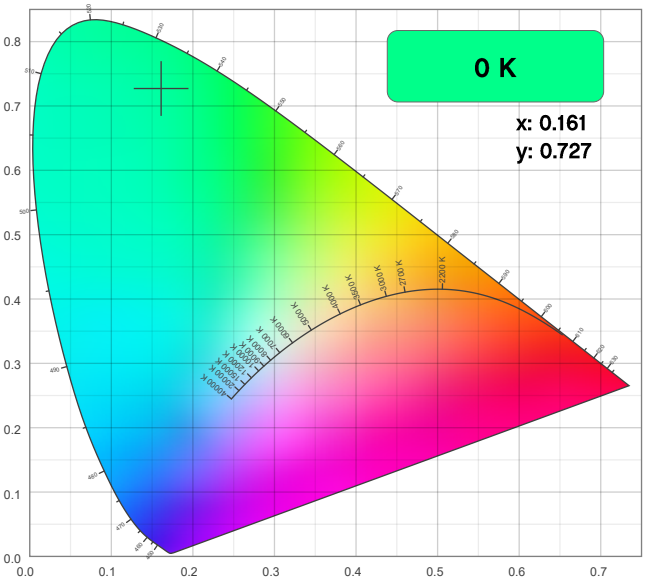
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Chromaticity Report

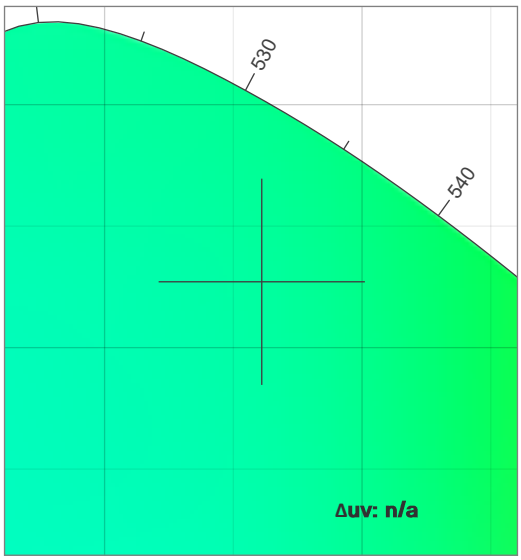
WELL Panel: Green Only

Chromaticity

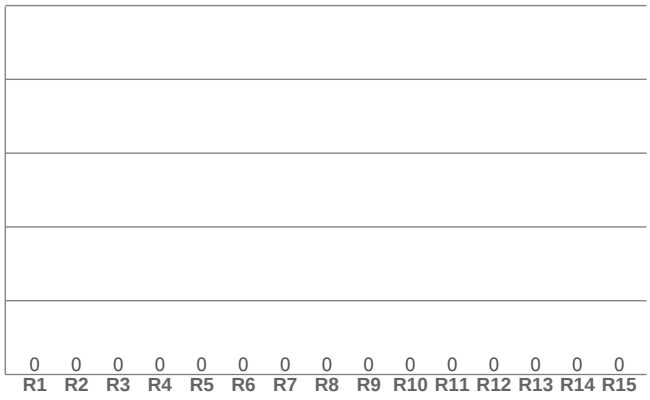
CIE 1931



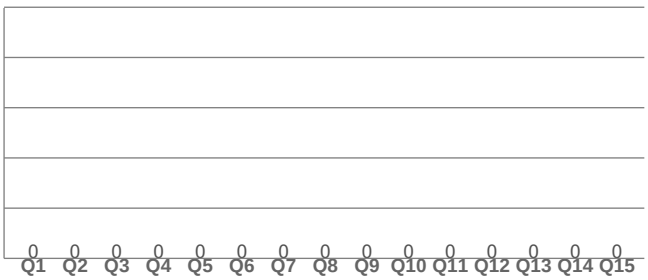
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.161	0.727

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.727	0.056

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

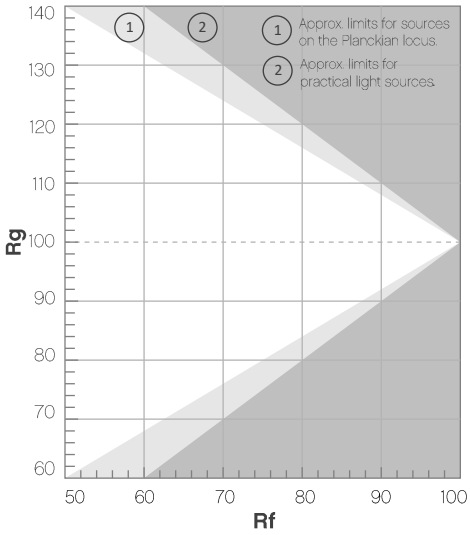
WELL Panel: Green Only

TM-30-18 Details

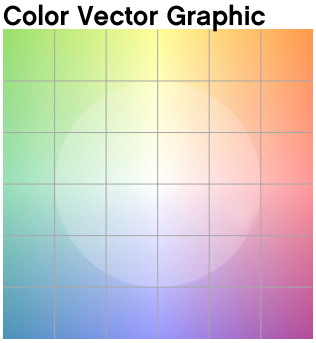
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

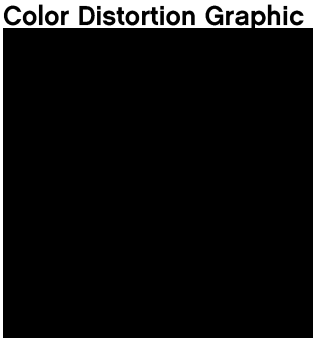
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



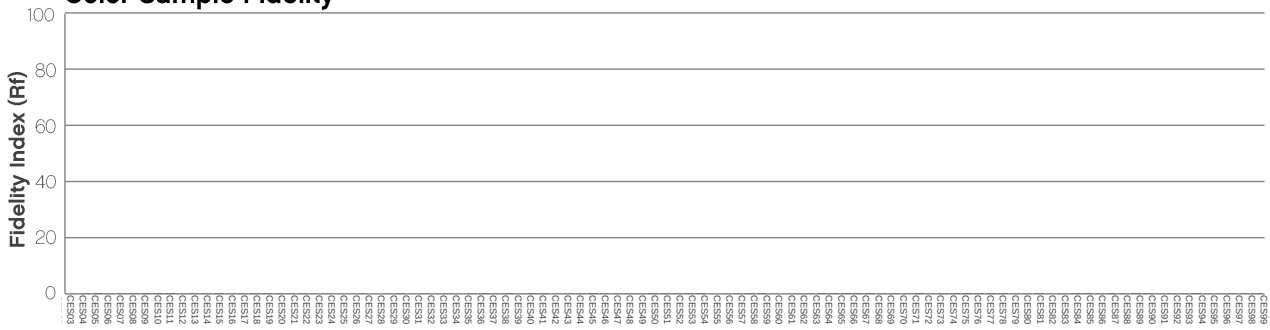
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

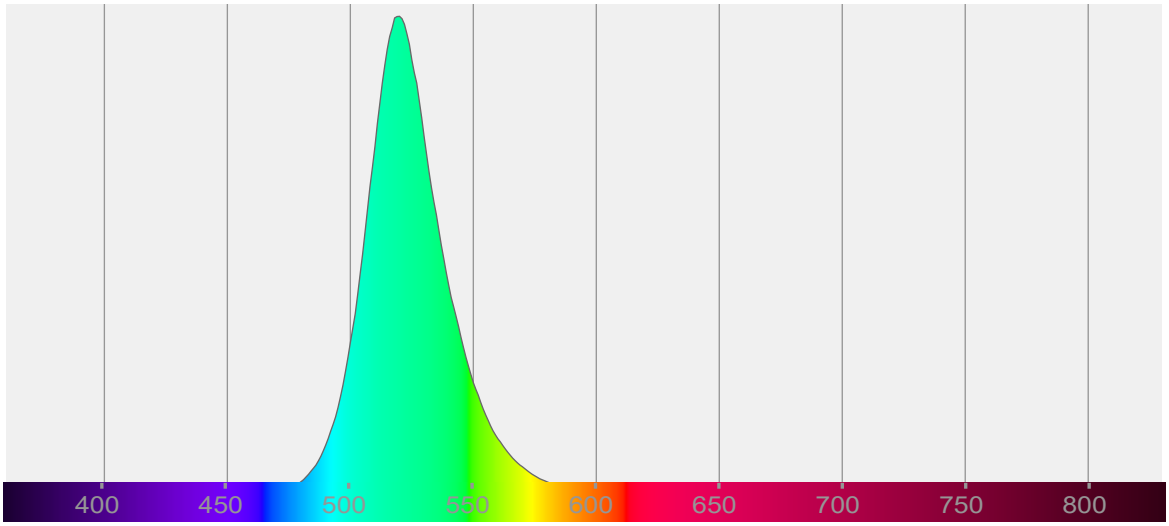
Total Lumens: 4298 lm
Peak Intensity: 12082 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 520 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.165 Y: 0.725

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

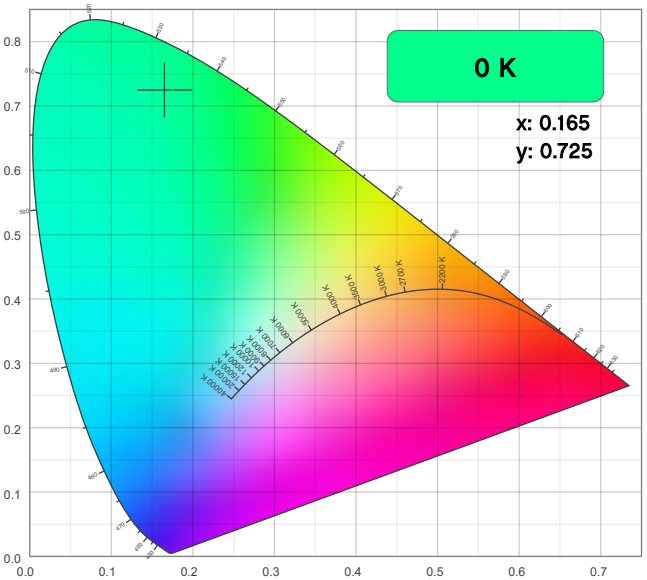
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Chromaticity Report

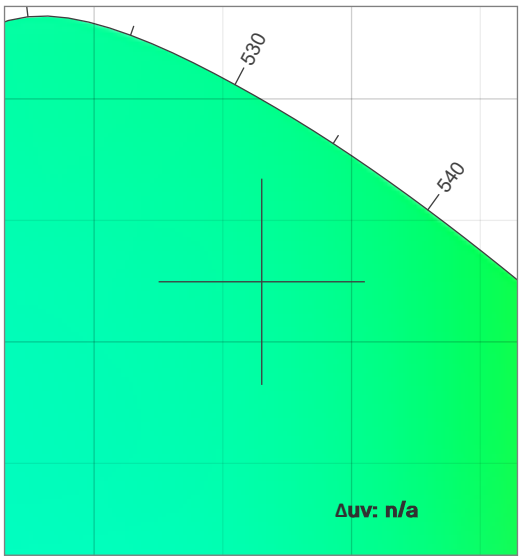
WELL Panel: Green Only

Chromaticity

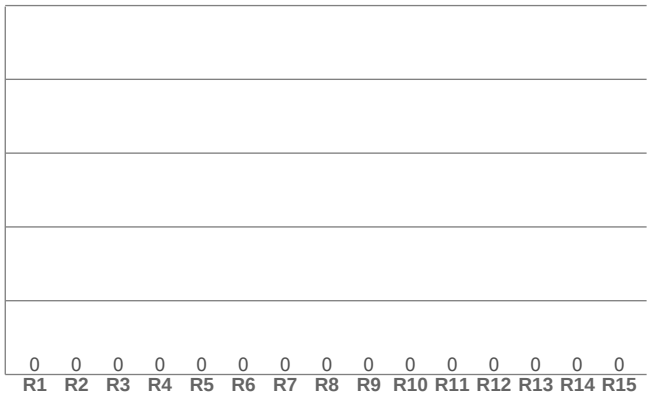
CIE 1931



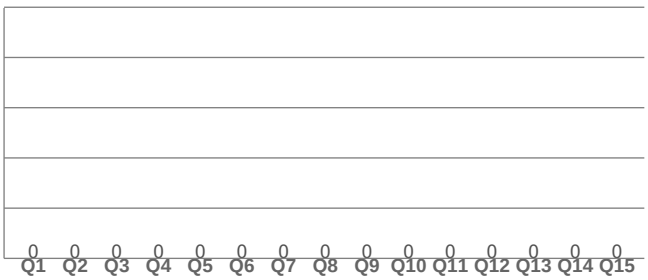
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.165	0.725

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.725	0.058

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

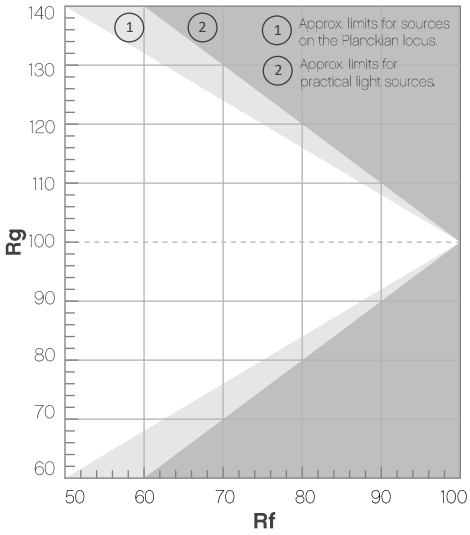
WELL Panel: Green Only

TM-30-18 Details

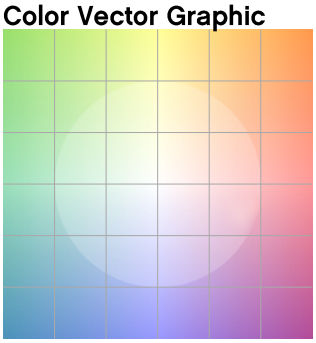
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

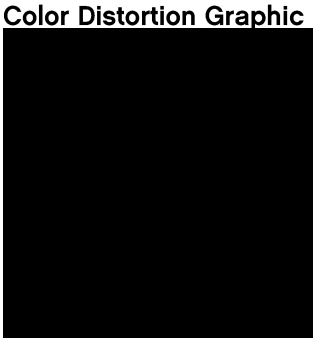
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



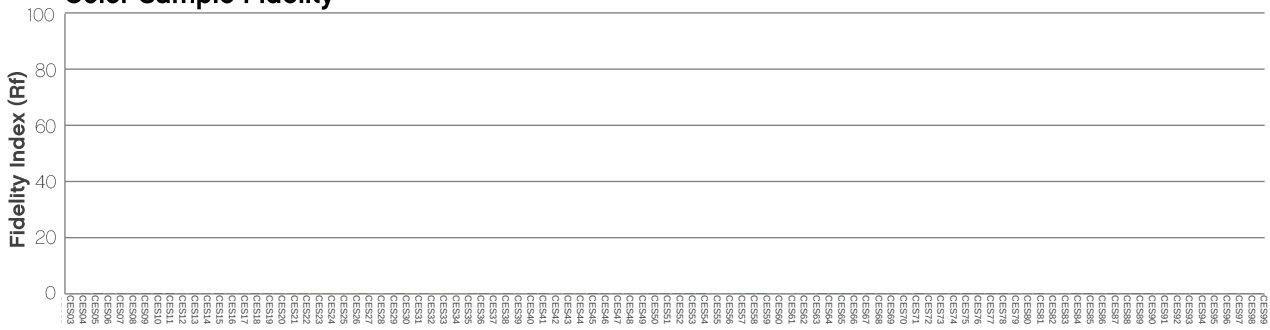
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

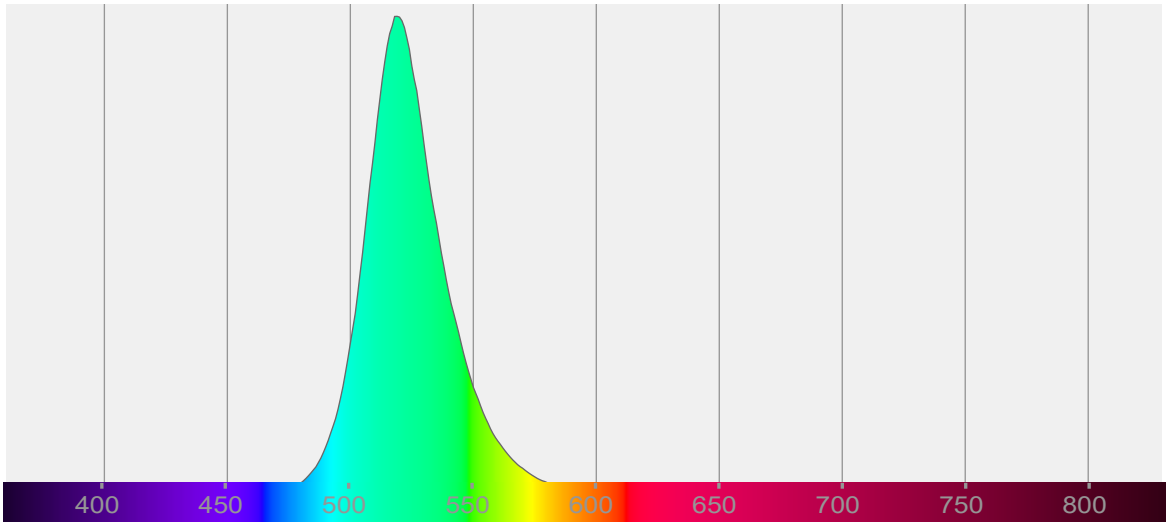
Total Lumens: 2154 lm
Peak Intensity: 6460 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 519 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.163 Y: 0.726

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

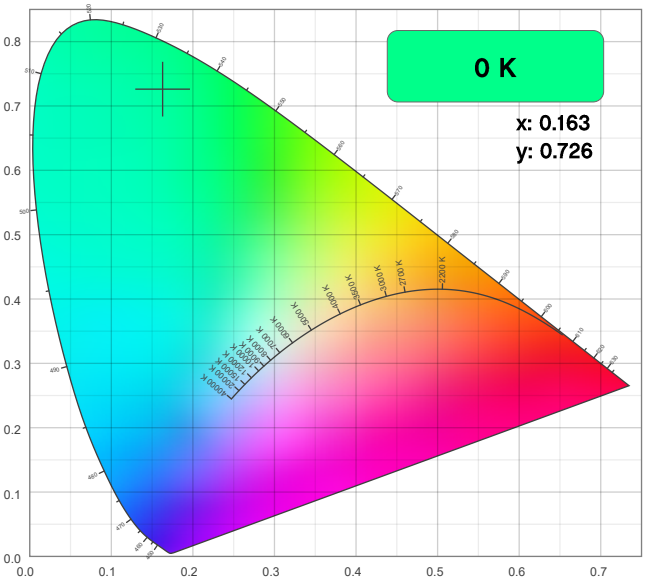
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Chromaticity Report

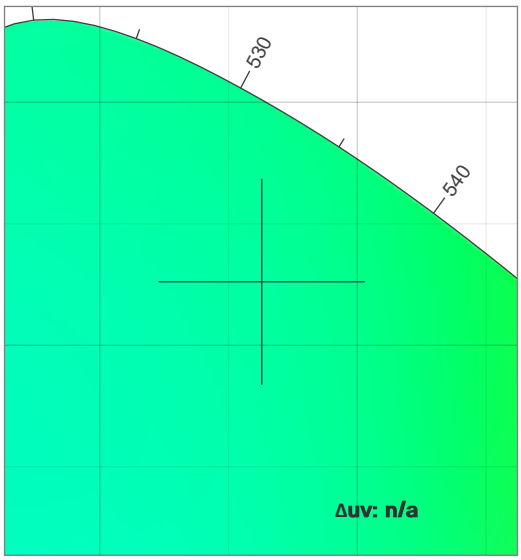
WELL Panel: Green Only

Chromaticity

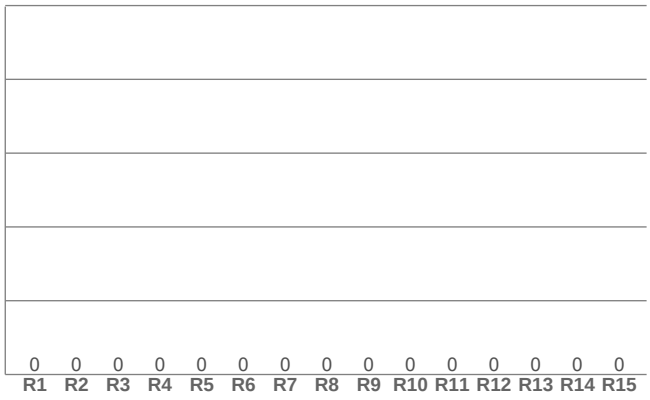
CIE 1931



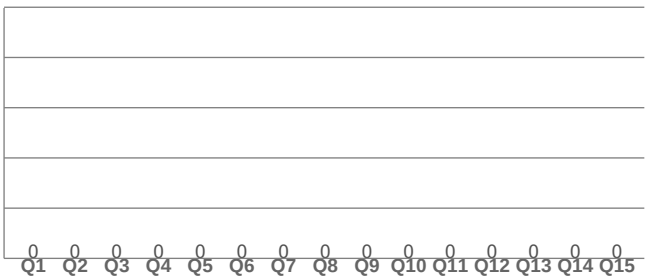
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.163	0.726

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.726	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

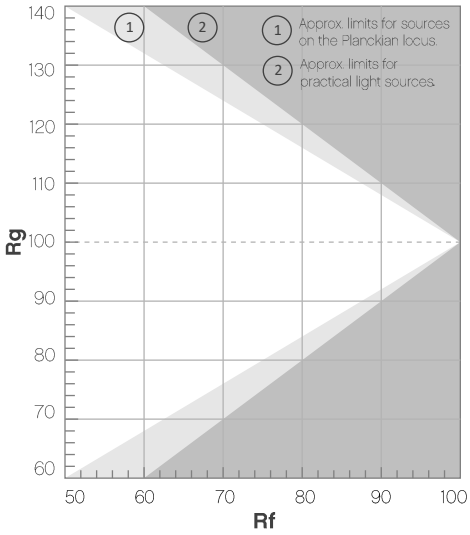
WELL Panel: Green Only

TM-30-18 Details

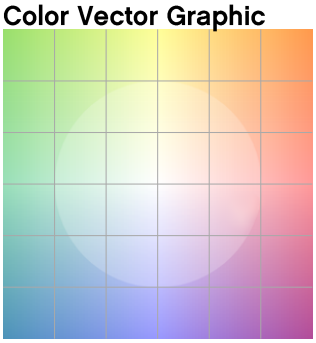
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

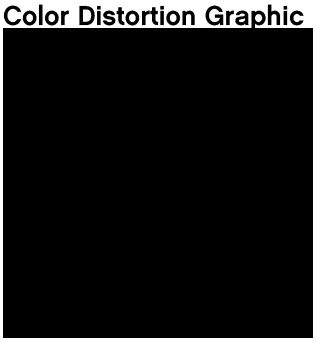
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



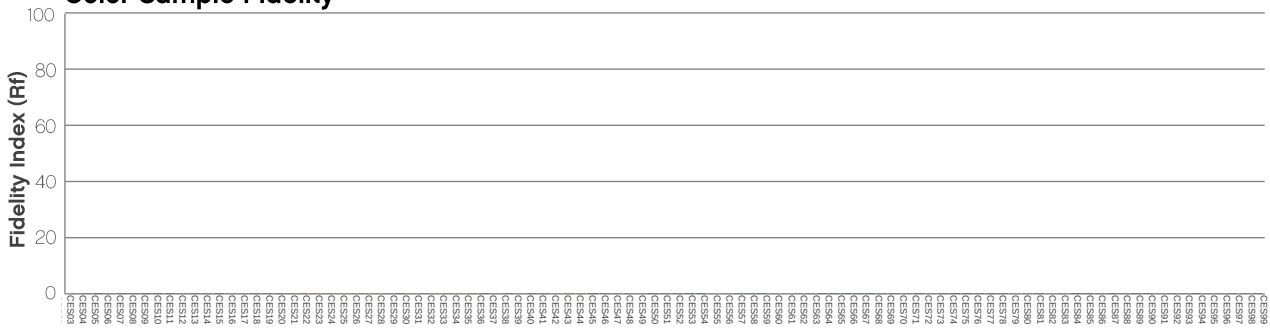
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

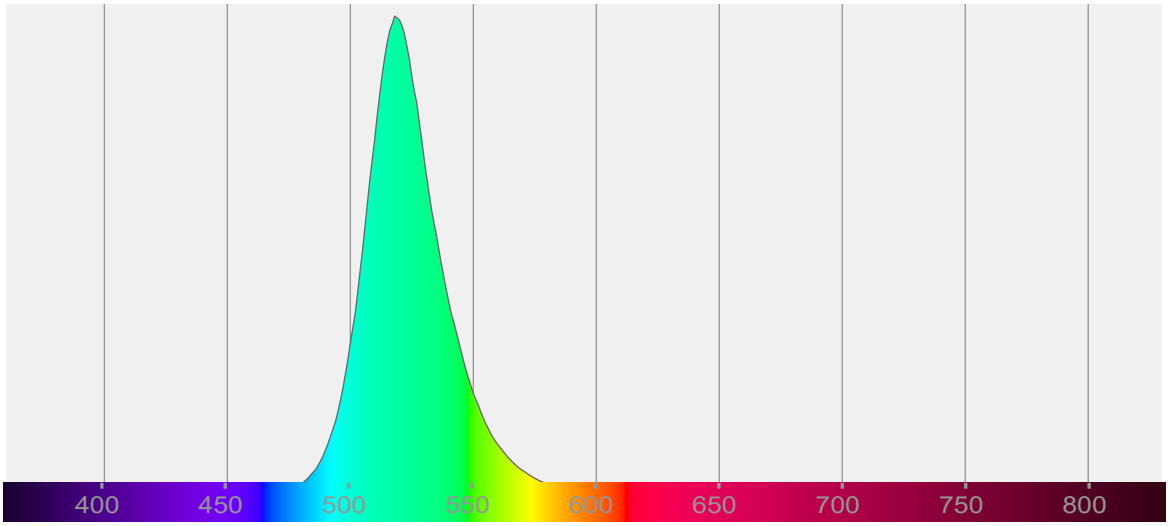
Total Lumens: 1400 lm
Peak Intensity: 4521 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.160 Y: 0.728

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

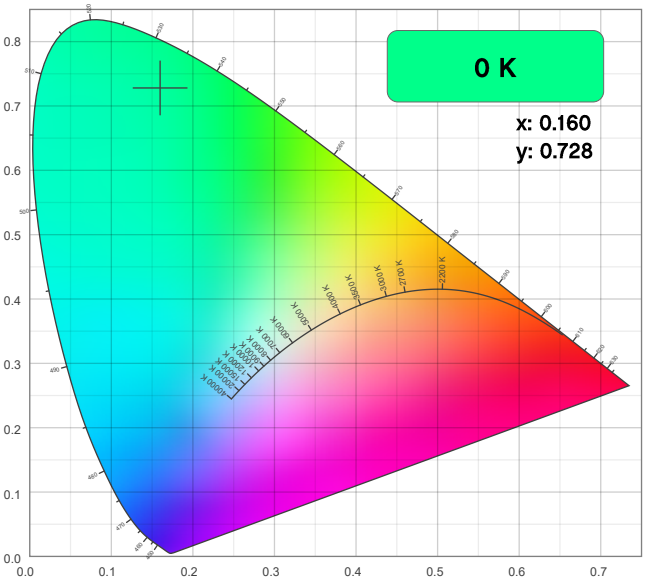
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Chromaticity Report

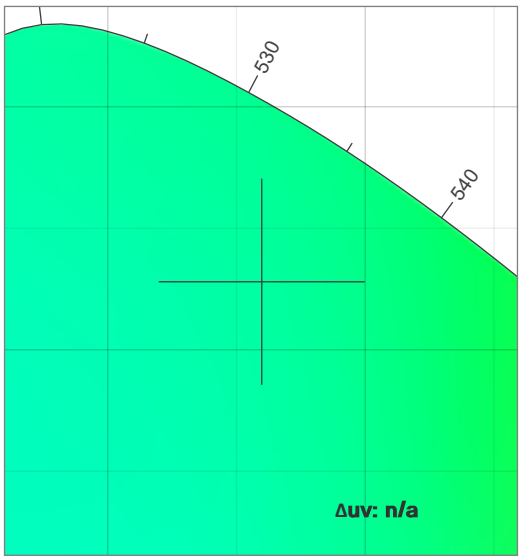
WELL Panel: Green Only

Chromaticity

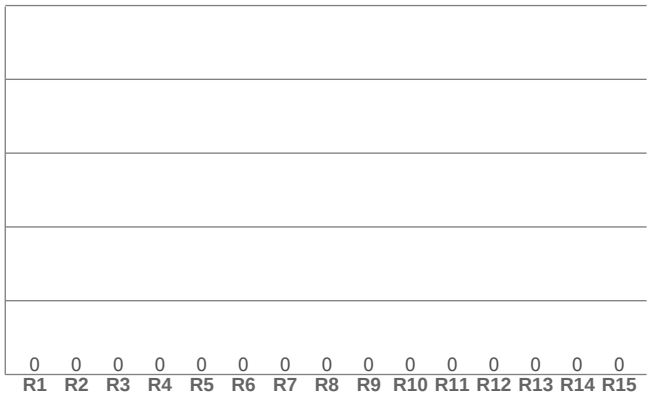
CIE 1931



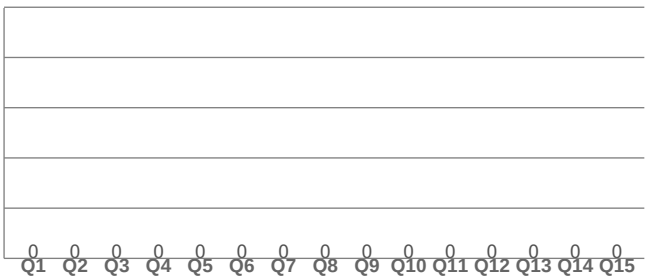
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.160	0.728

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.728	0.056

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

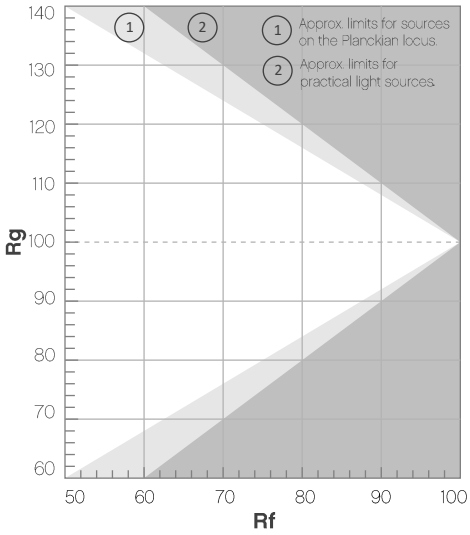
WELL Panel: Green Only

TM-30-18 Details

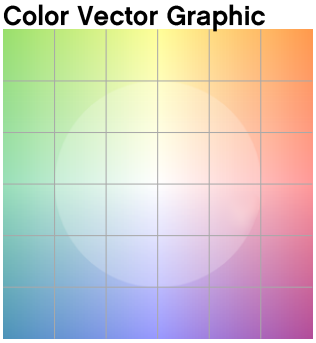
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

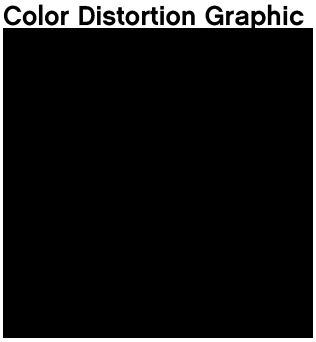
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



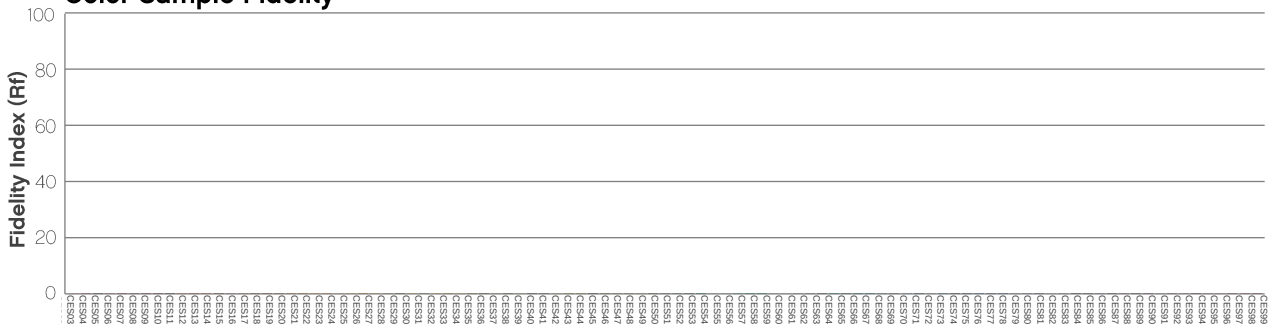
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

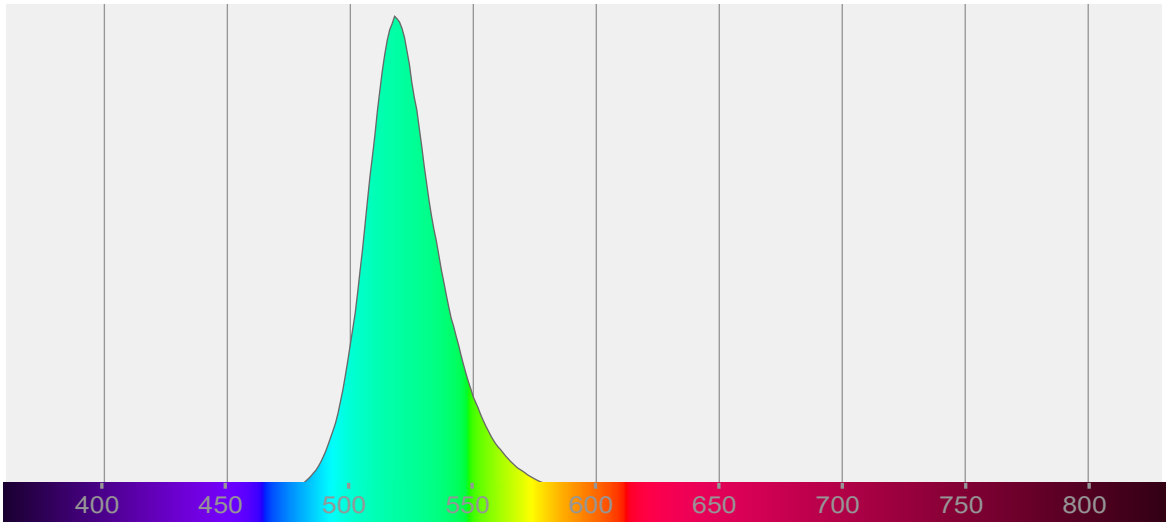
Total Lumens: 908 lm
Peak Intensity: 2818 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.158 Y: 0.729

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

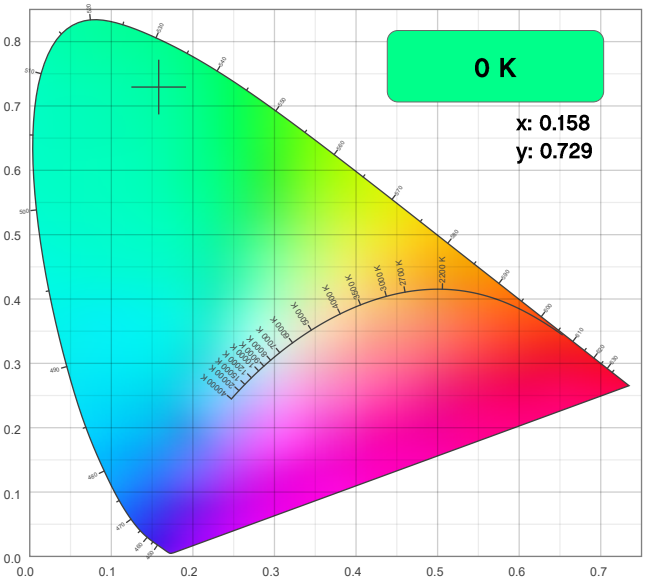
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Chromaticity Report

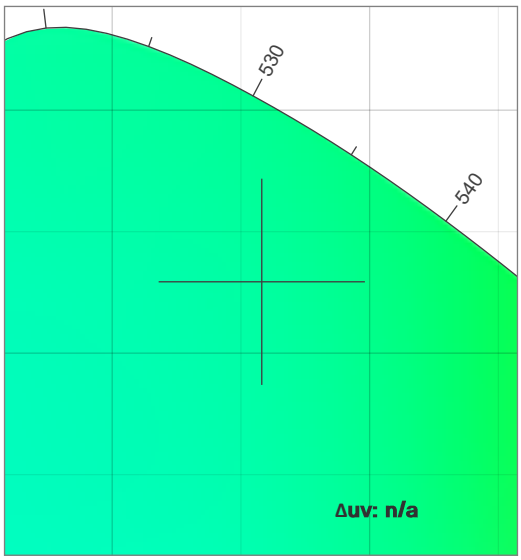
WELL Panel: Green Only

Chromaticity

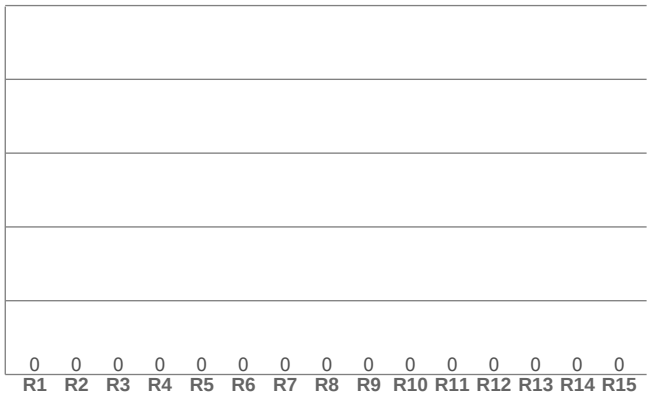
CIE 1931



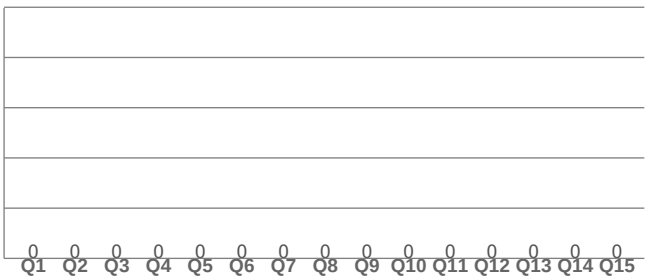
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.158	0.729

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.729	0.055

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

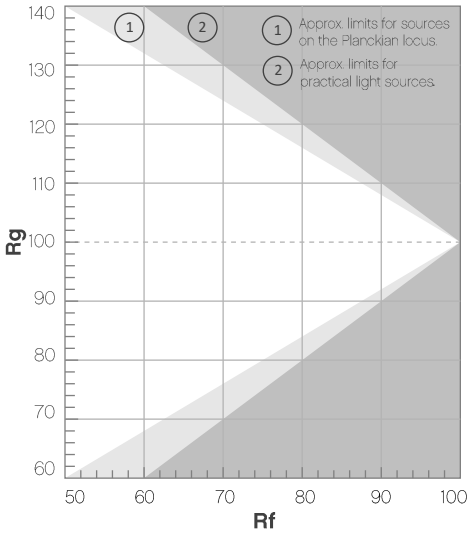
WELL Panel: Green Only

TM-30-18 Details

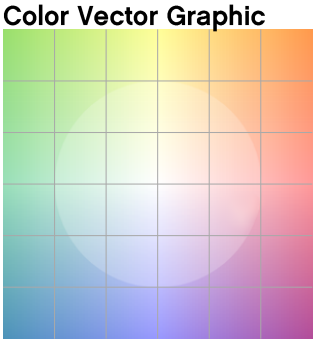
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

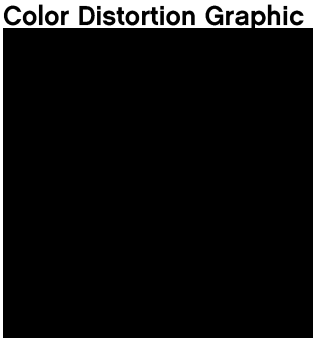
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



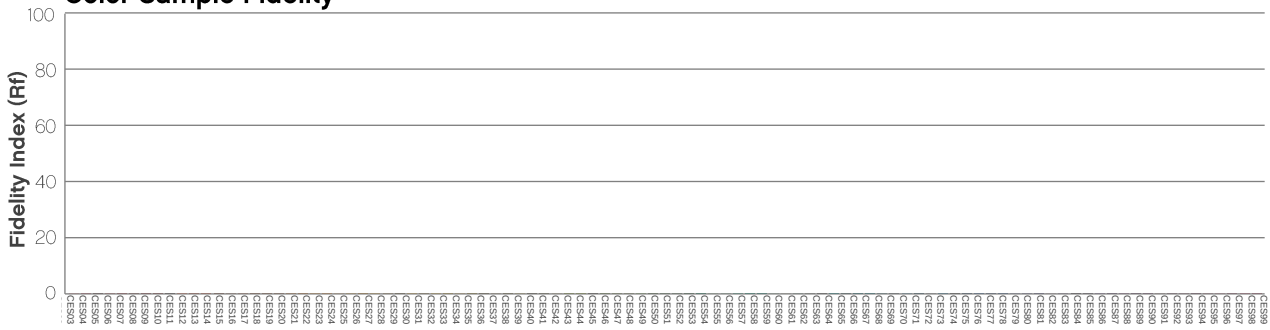
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

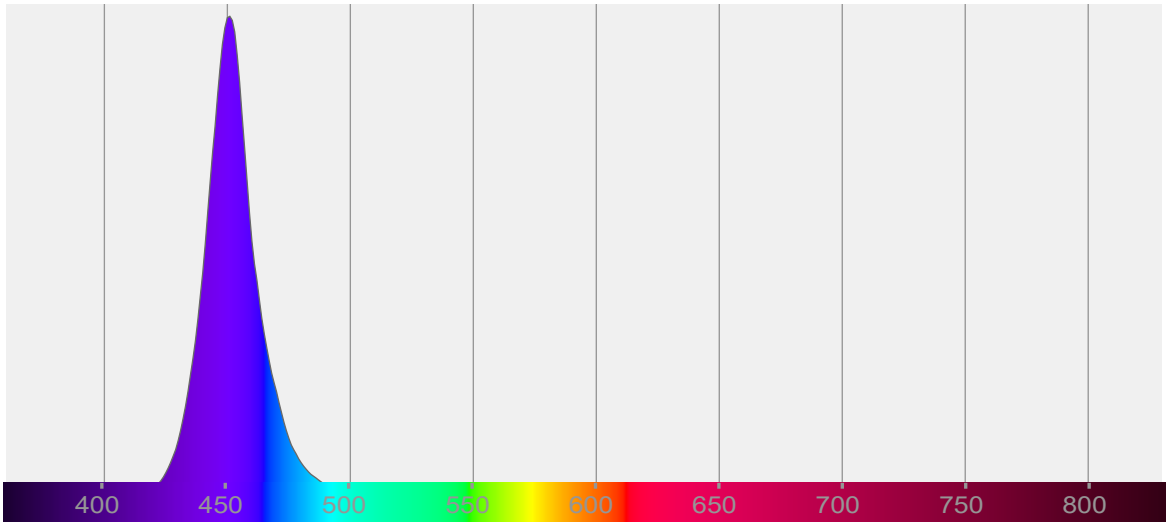
Total Lumens: 832 lm
Peak Intensity: 2263 cd
Fixture Efficacy: 2 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

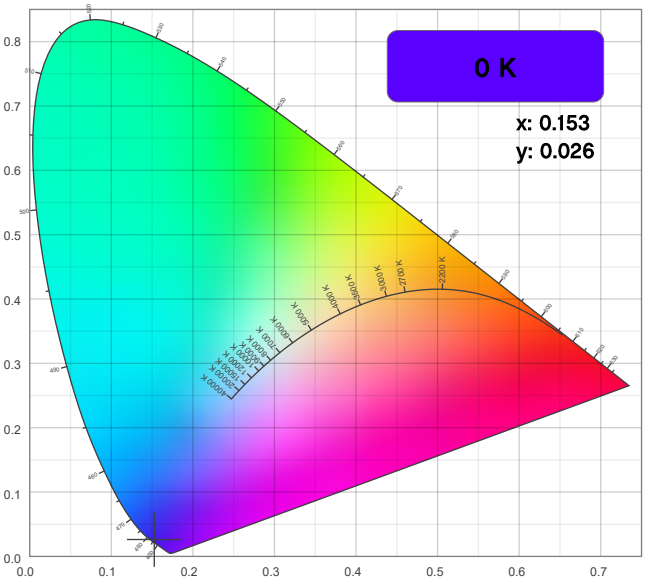
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Chromaticity Report

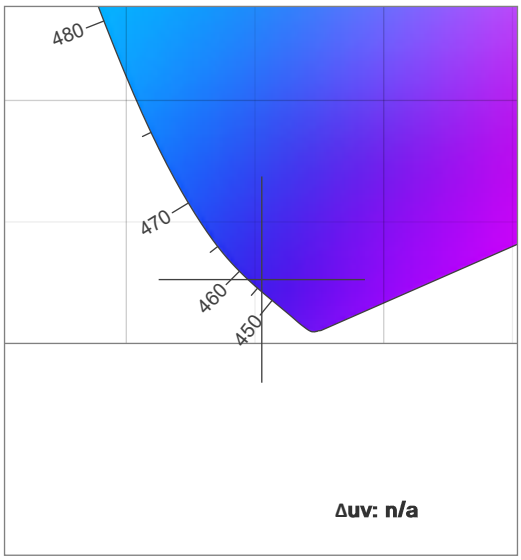
WELL Panel: Blue Only

Chromaticity

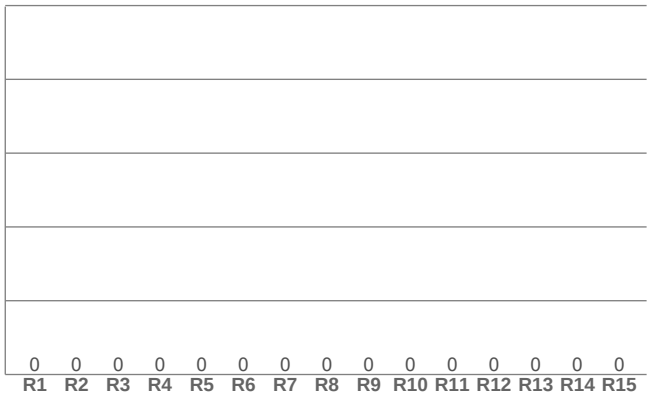
CIE 1931



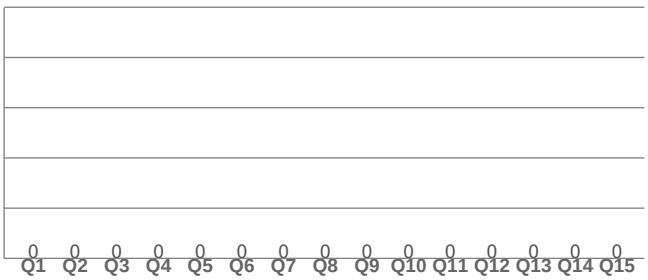
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

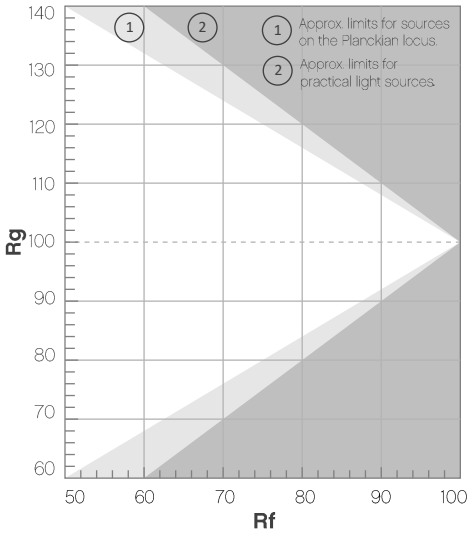
WELL Panel: Blue Only

TM-30-18 Details

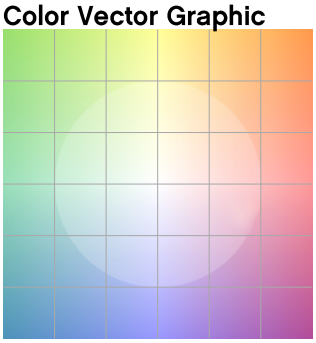
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

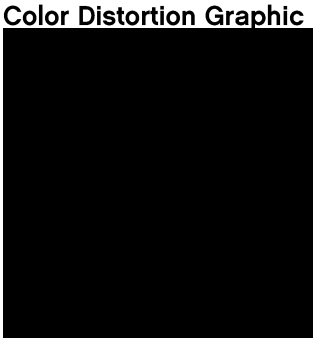
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



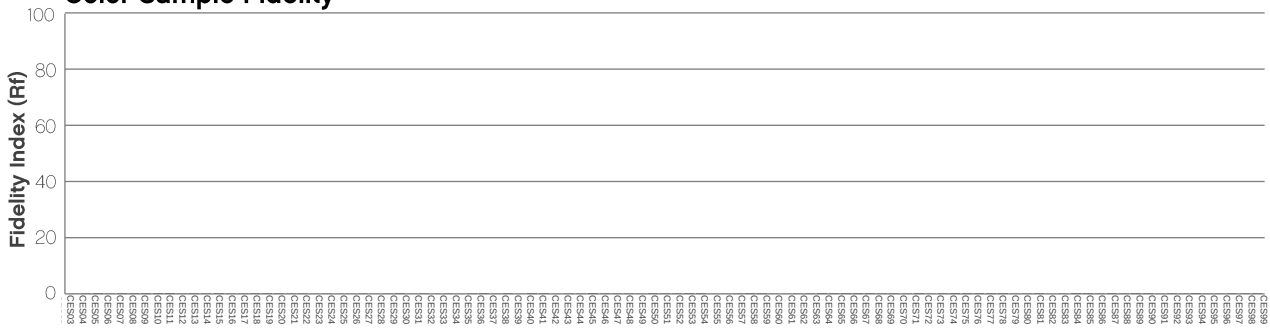
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

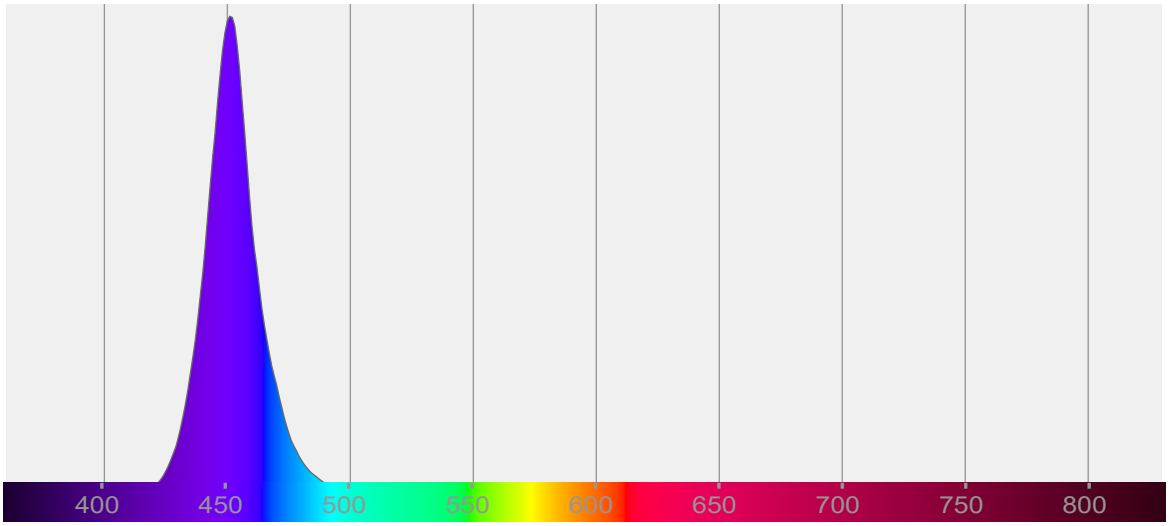
Total Lumens: 839 lm
Peak Intensity: 2258 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.152 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

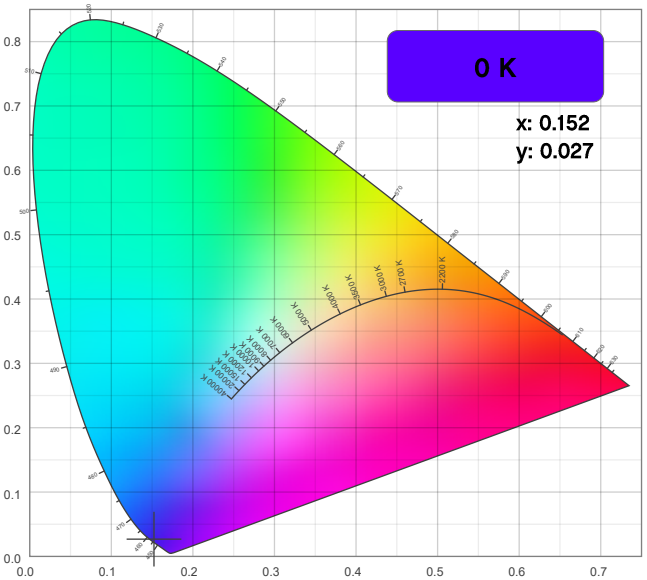
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Chromaticity Report

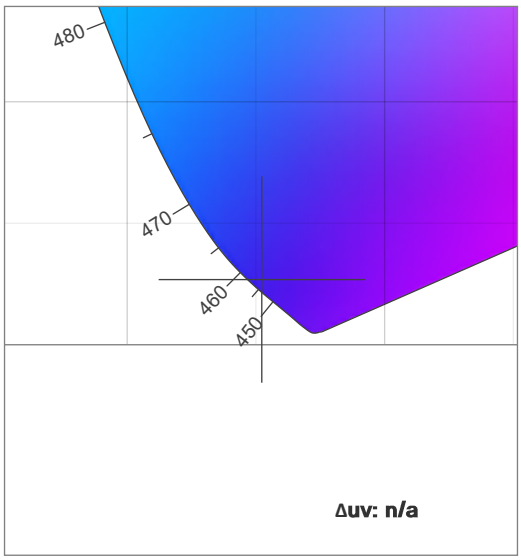
WELL Panel: Blue Only

Chromaticity

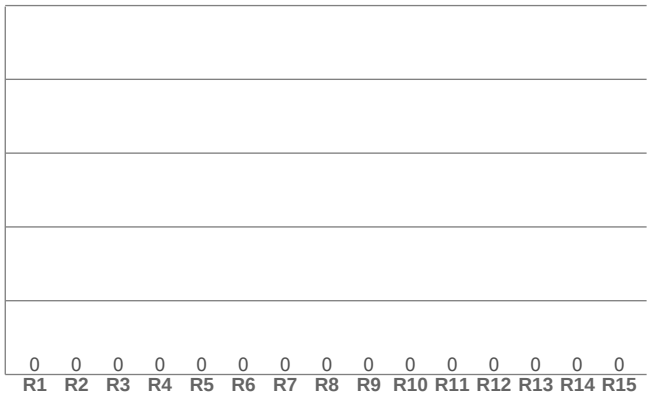
CIE 1931



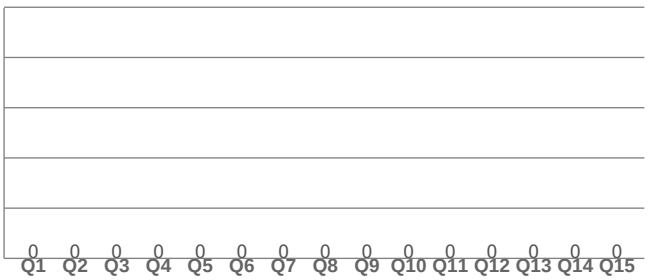
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.152	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

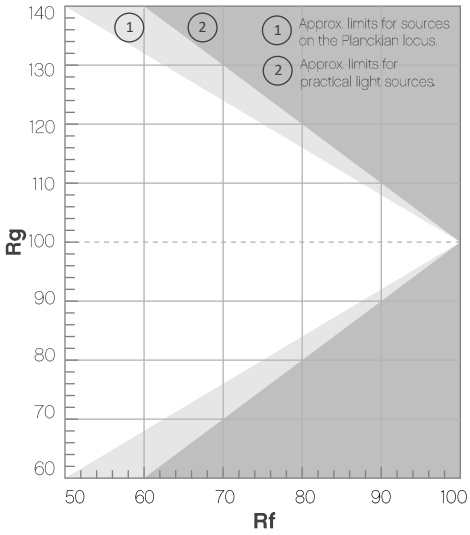
WELL Panel: Blue Only

TM-30-18 Details

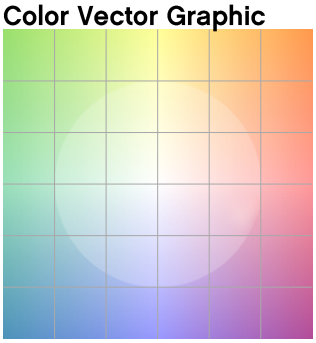
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

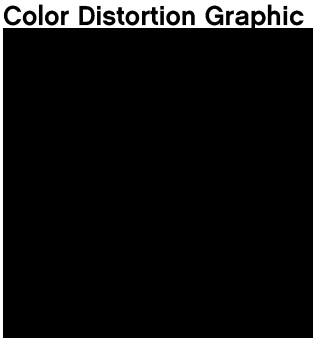
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



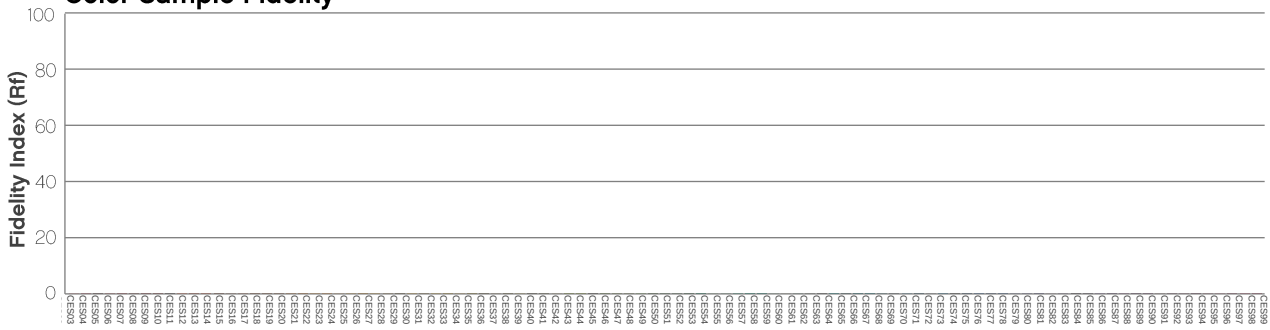
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

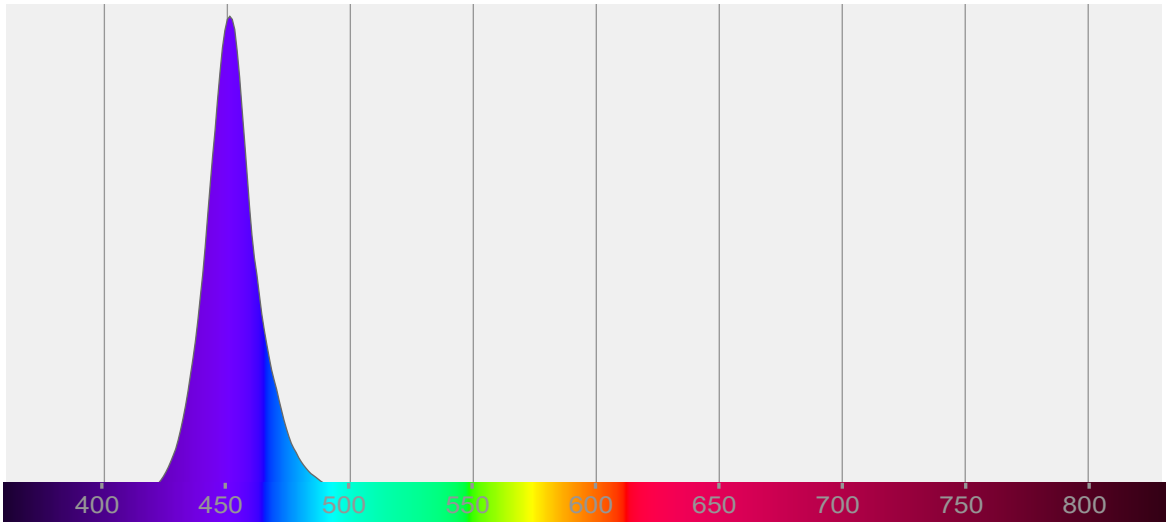
Total Lumens: 434 lm
Peak Intensity: 1124 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.152 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

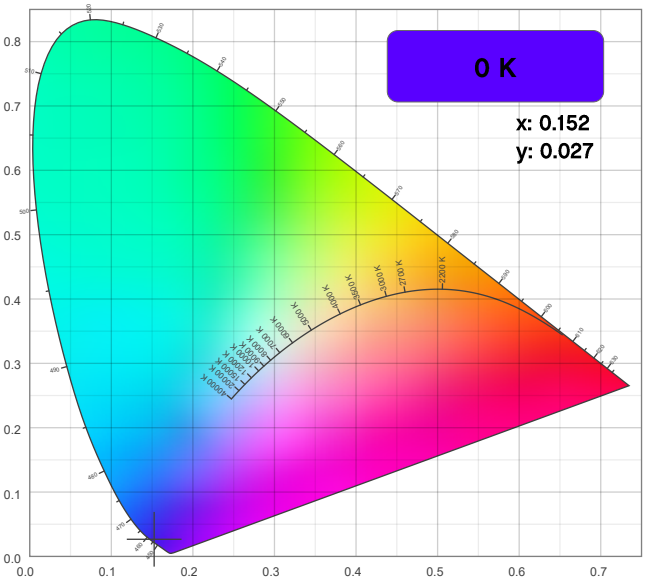
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Chromaticity Report

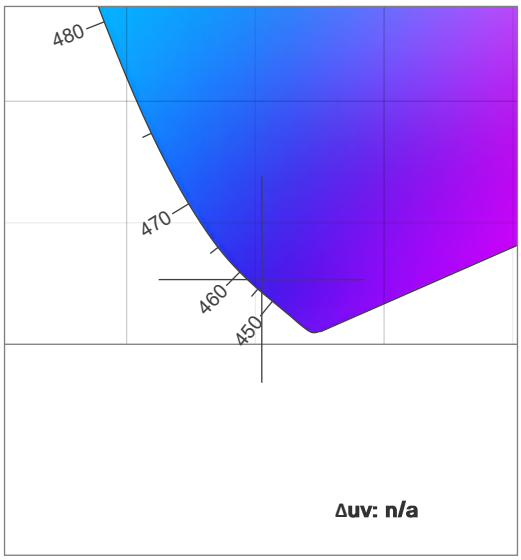
WELL Panel: Blue Only

Chromaticity

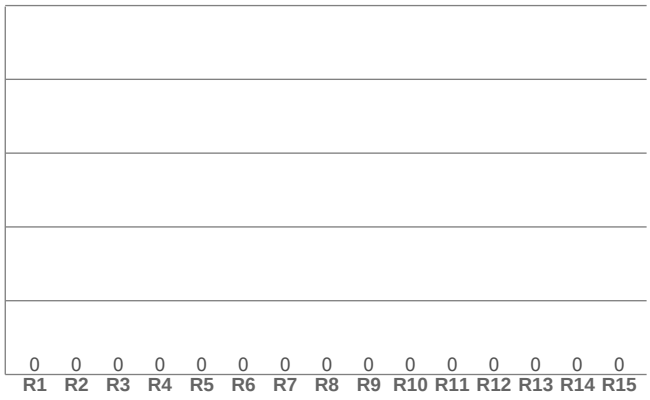
CIE 1931



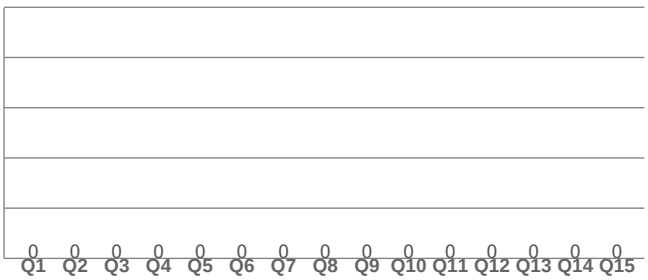
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.152	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

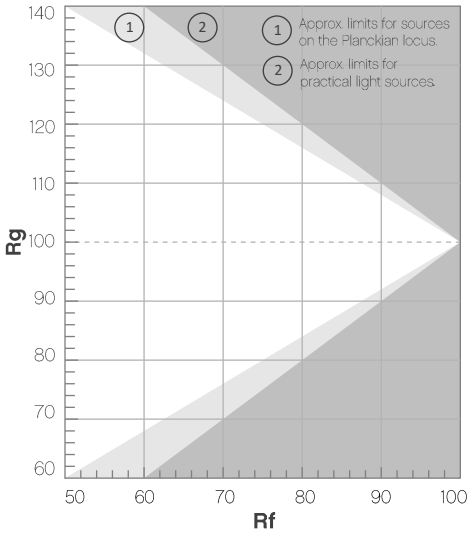
WELL Panel: Blue Only

TM-30-18 Details

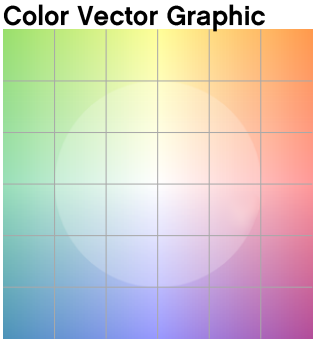
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

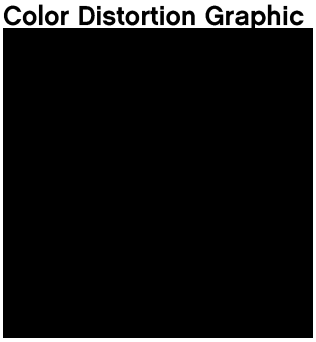
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
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14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



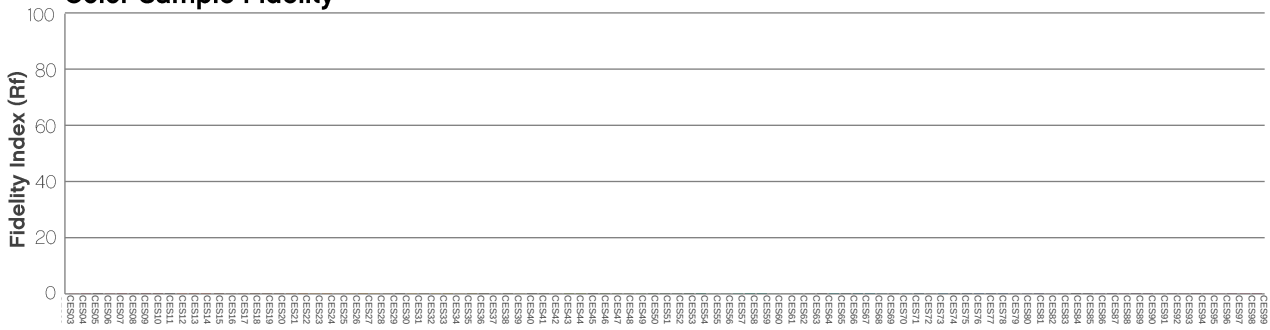
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

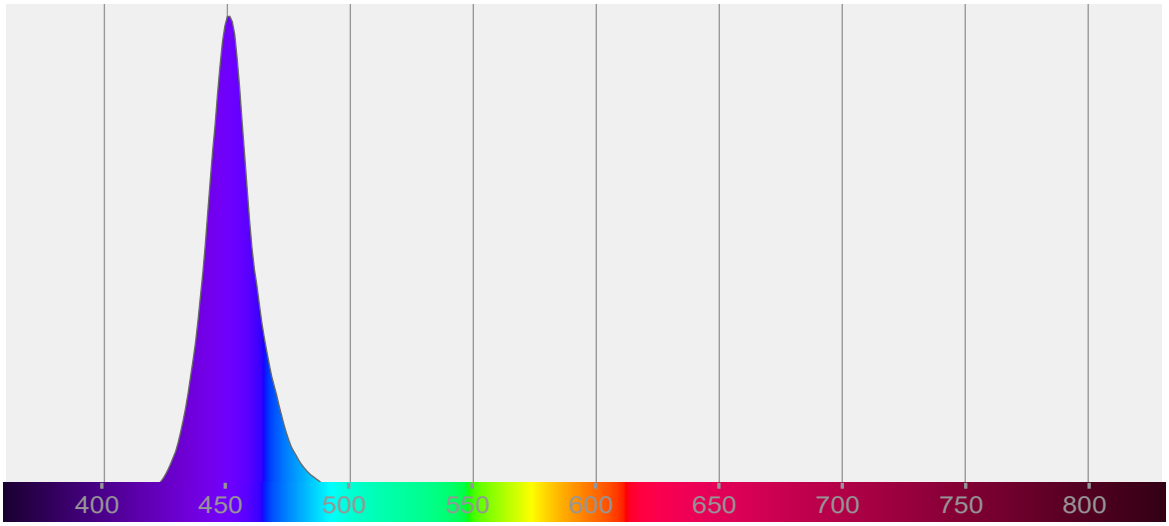
Total Lumens: 265 lm
Peak Intensity: 831 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

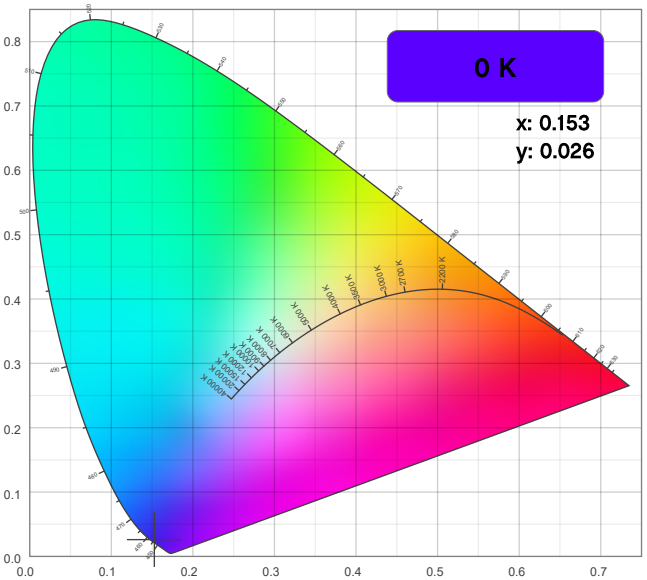
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Chromaticity Report

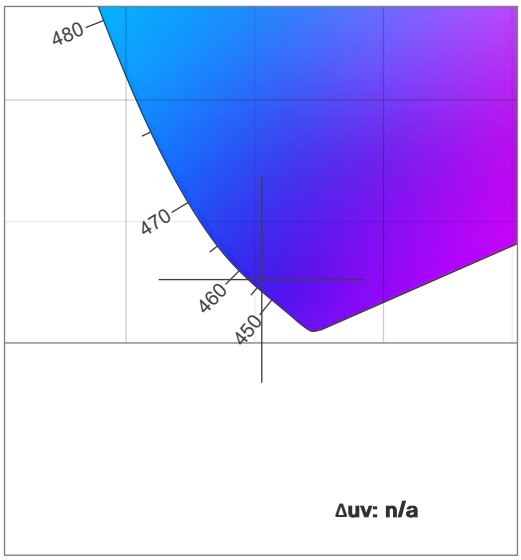
WELL Panel: Blue Only

Chromaticity

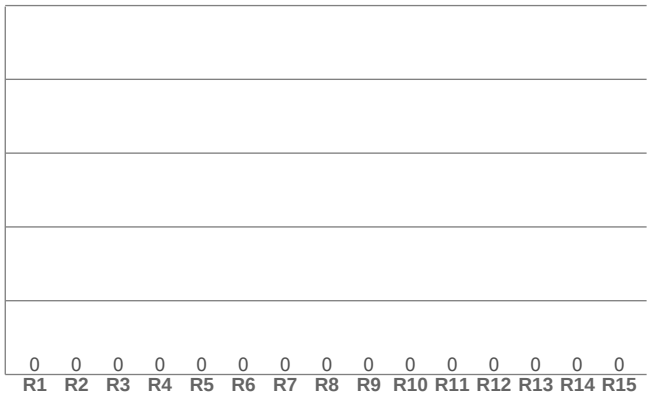
CIE 1931



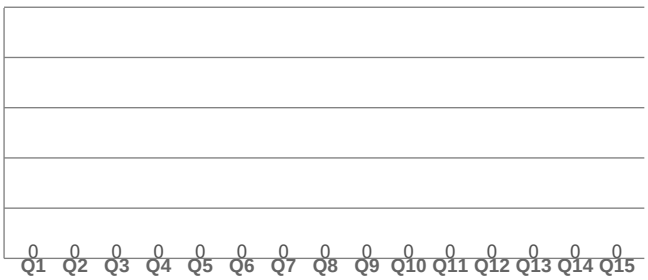
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

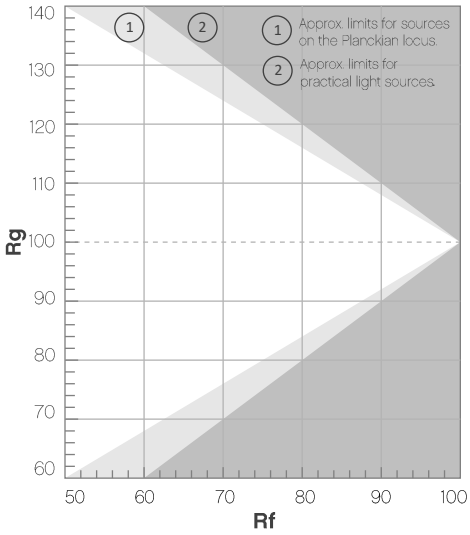
WELL Panel: Blue Only

TM-30-18 Details

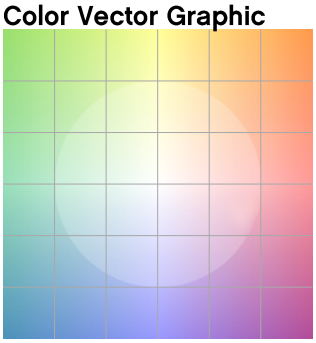
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

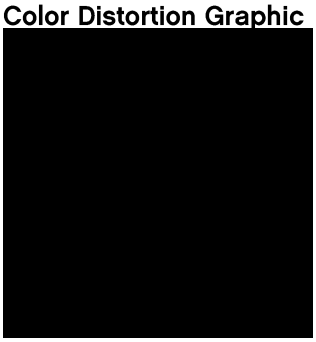
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



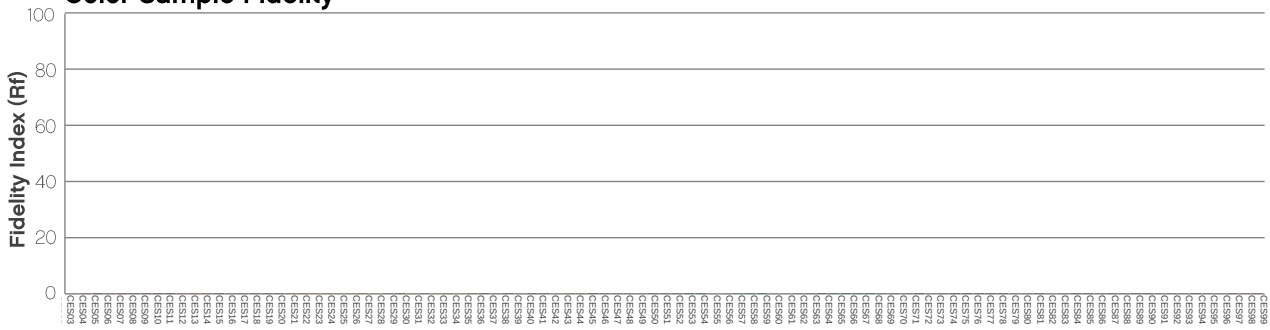
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

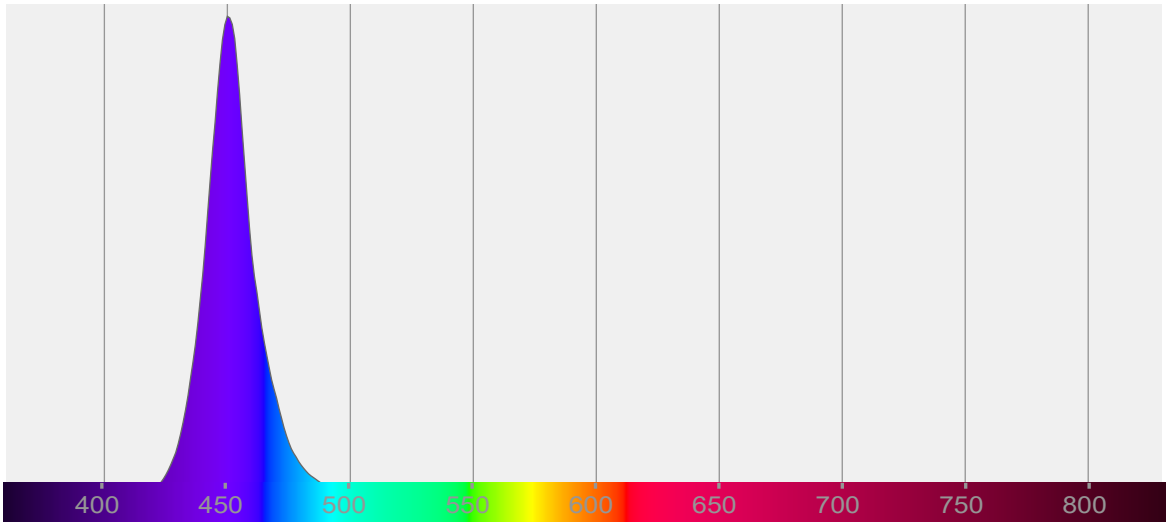
Total Lumens: 178 lm
Peak Intensity: 526 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

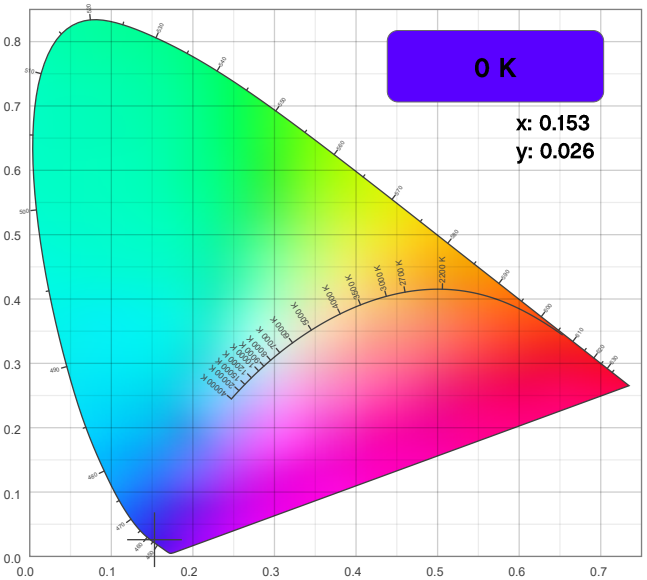
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Chromaticity Report

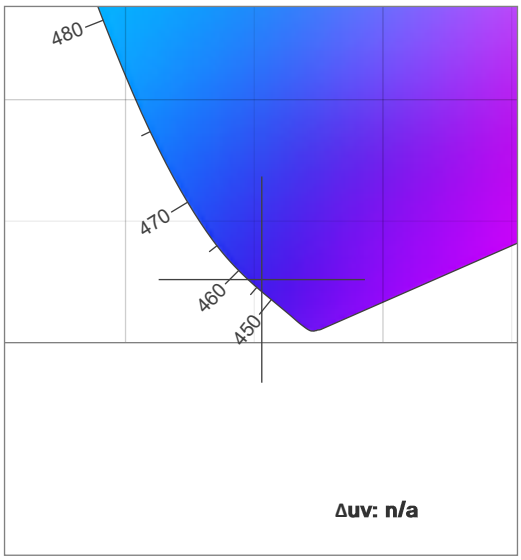
WELL Panel: Blue Only

Chromaticity

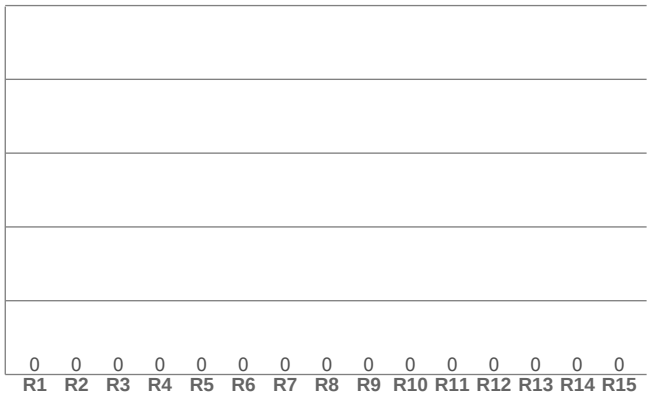
CIE 1931



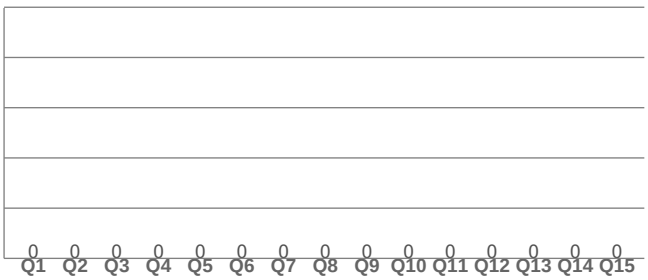
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

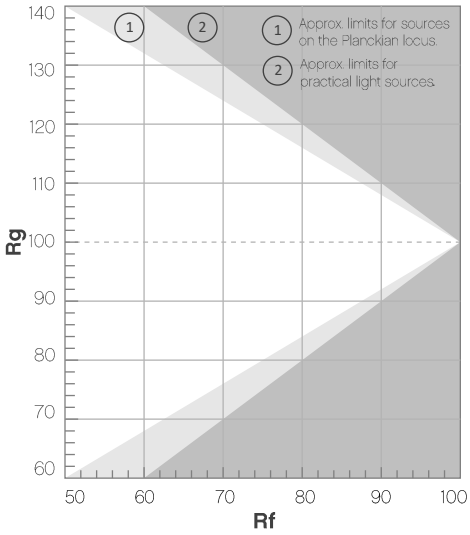
WELL Panel: Blue Only

TM-30-18 Details

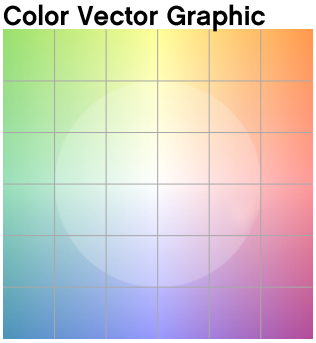
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

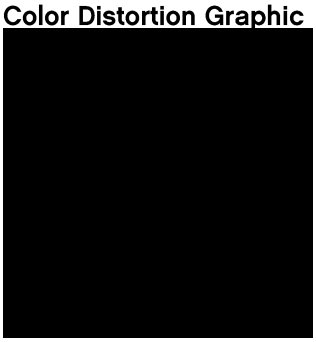
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
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9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
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14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



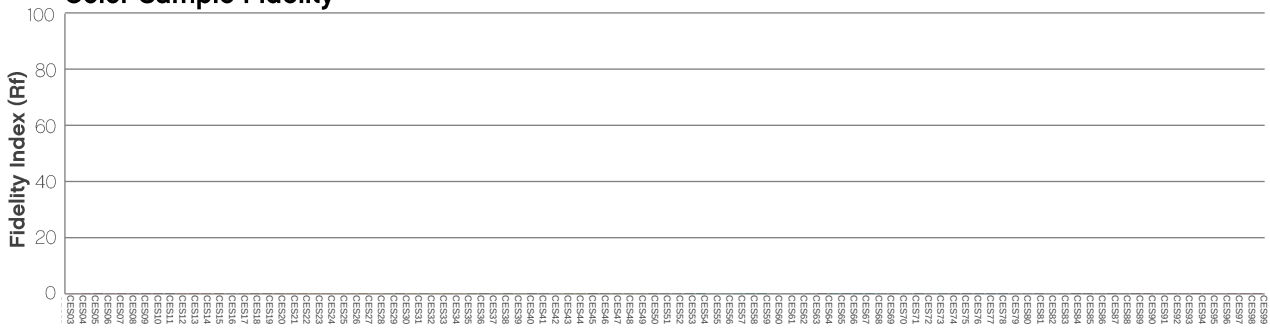
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

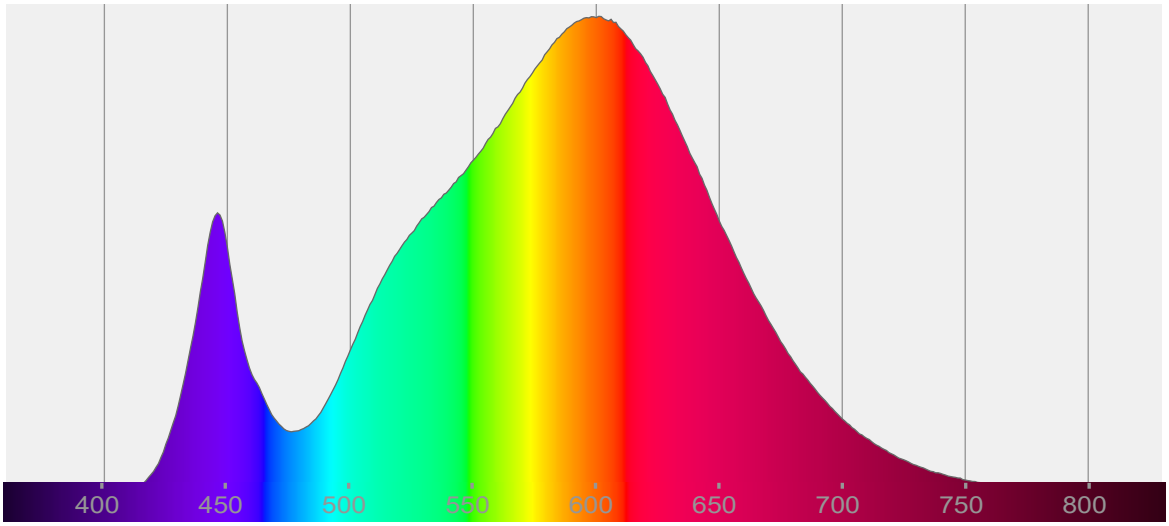
Total Lumens: 3824 lm
Peak Intensity: 11170 cd
Fixture Efficacy: 10 lm/W

Correlated Color Temperature: 3183K
Δuv: 0.0024

CRI: 79.0 CRI R9 Value: -1.1
CQS: 79.0
TLCI: 61
TM-30-18 Rf: 79.0
TM-30-18 Rg: 97.3
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3183 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.407

Color Temperature

3183 K

Light Quality

CRI: 79.0

Notes:

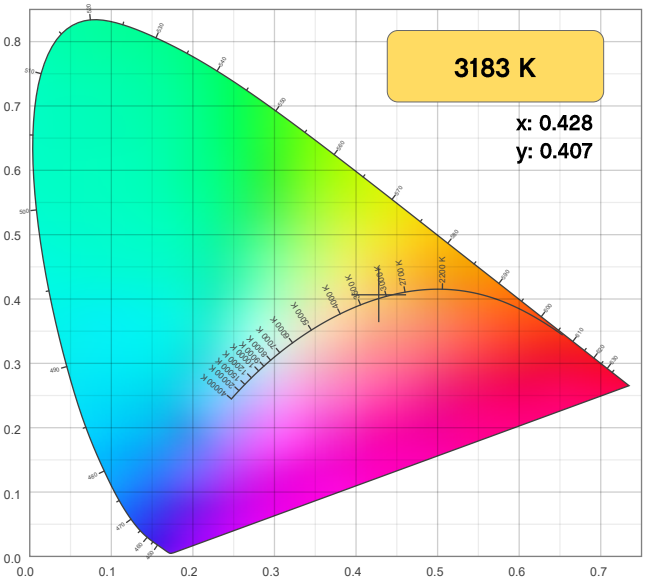
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Chromaticity Report

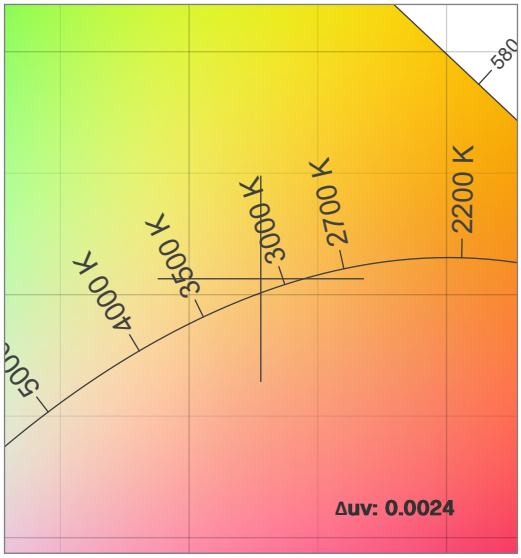
WELL Panel: White Only

Chromaticity

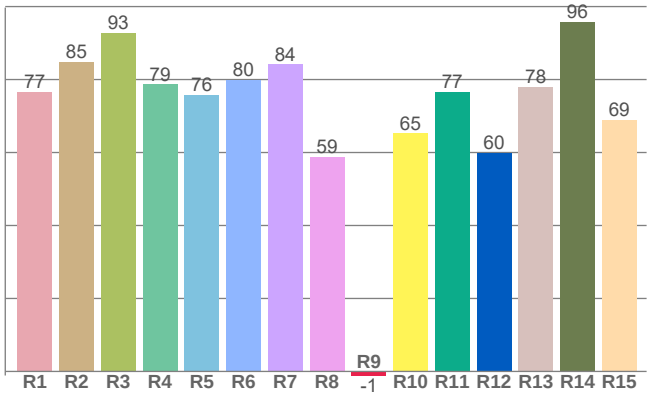
CIE 1931



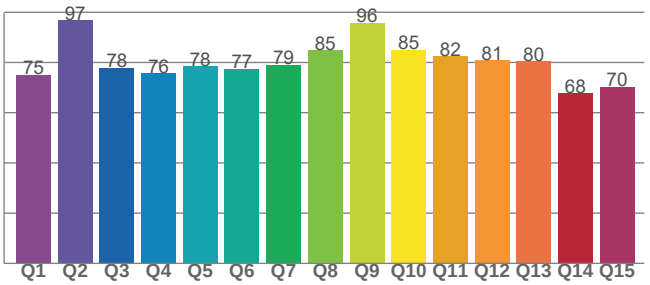
CIE 1931 - Zoom



CRI: 79.0 (R1-R8)



CQS: 79.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3183 K	0.428	0.407

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0024	0.407	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.0	-1.1	79.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
61	79.0	97.3

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Chromaticity Report

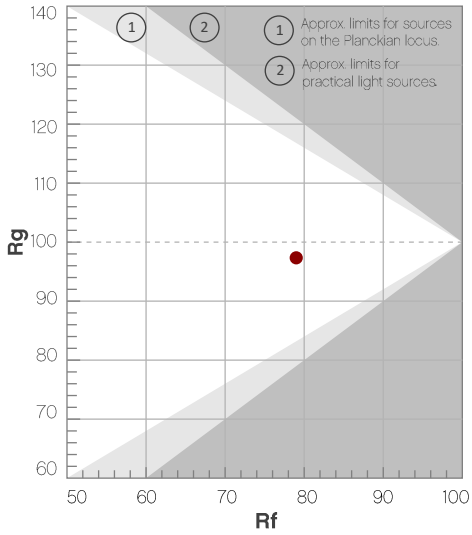
WELL Panel: White Only

TM-30-18 Details

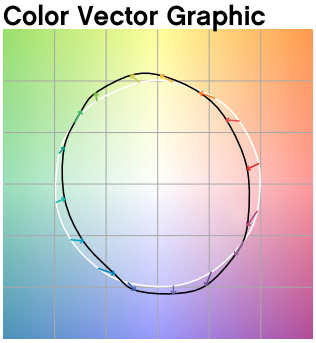
Rf 79.0
Fidelity Index (Rg)

Rg 97.3
Gamut Index (Rg)

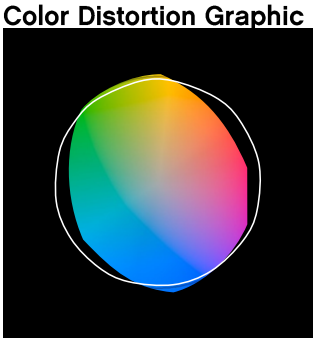
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	68	-4%	15%
4	77	4%	12%
5	85	9%	7%
6	86	7%	-3%
7	78	1%	-12%
8	88	-4%	-6%
9	85	-9%	-2%
10	76	-9%	7%
11	72	-4%	16%
12	83	6%	8%
13	87	7%	-1%
14	80	8%	-12%
15	75	1%	-15%
16	77	-7%	-15%



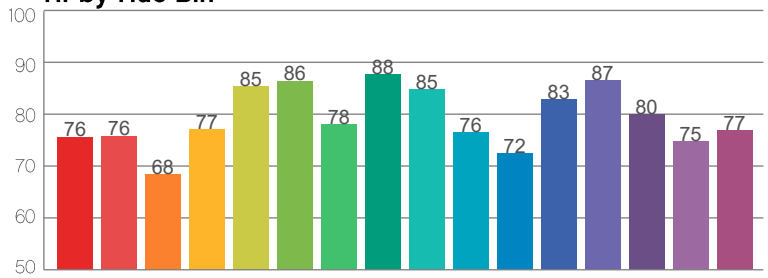
Color Vector Graphic



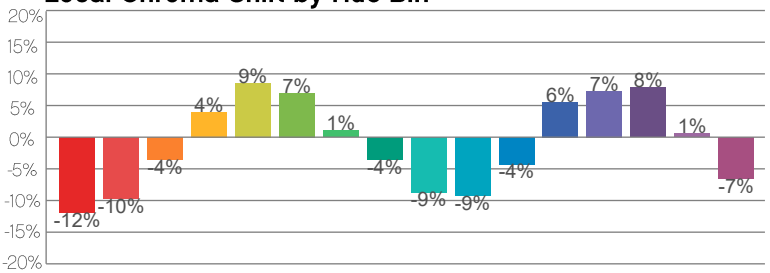
Color Distortion Graphic



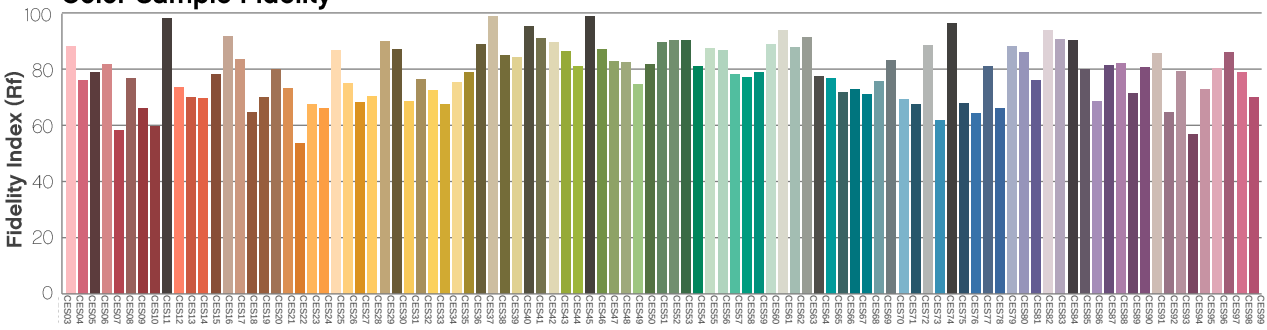
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

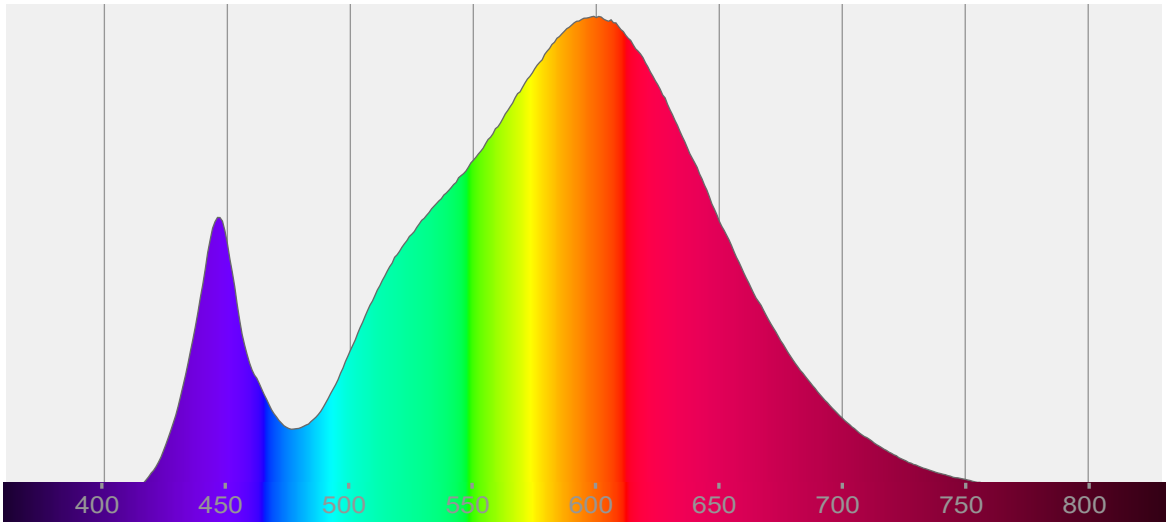
Total Lumens: 3159 lm
Peak Intensity: 9181 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3184K
Δuv: 0.0022

CRI: 79.0 CRI R9 Value: -1.1
CQS: 78.9
TLCI: 62
TM-30-18 Rf: 79.1
TM-30-18 Rg: 97.2
1st Dominant Wavelength: 599 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3184 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.406

Color Temperature

3184 K

Light Quality

CRI: 79.0

Notes:

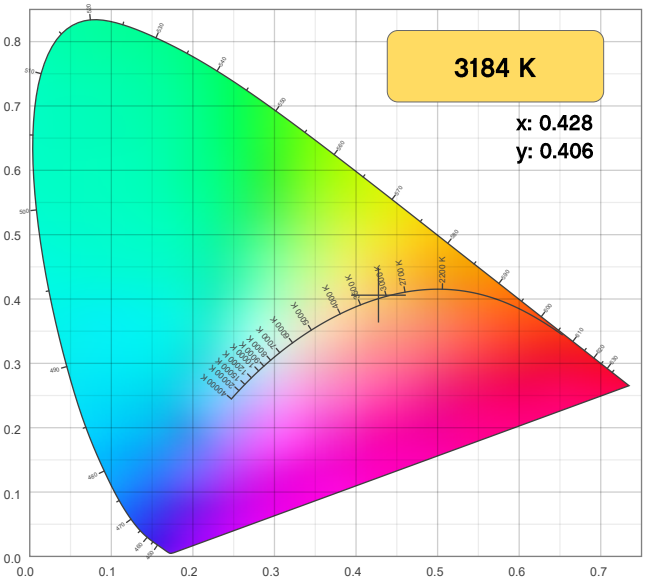
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Chromaticity Report

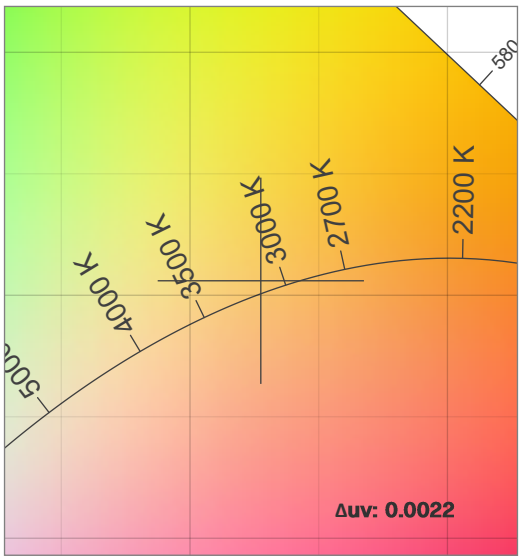
WELL Panel: White Only

Chromaticity

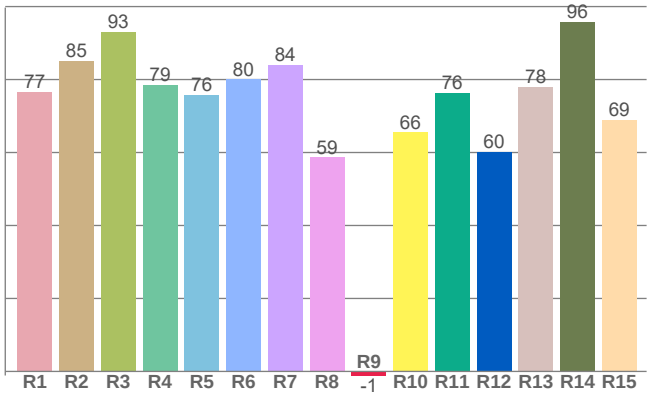
CIE 1931



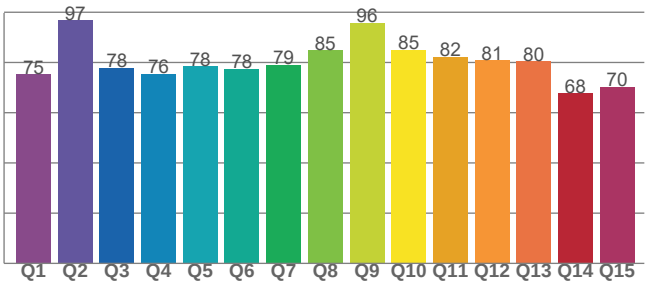
CIE 1931 - Zoom



CRI: 79.0 (R1-R8)



CQS: 78.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3184 K	0.428	0.406

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0022	0.406	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.0	-1.1	78.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.1	97.2

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Chromaticity Report

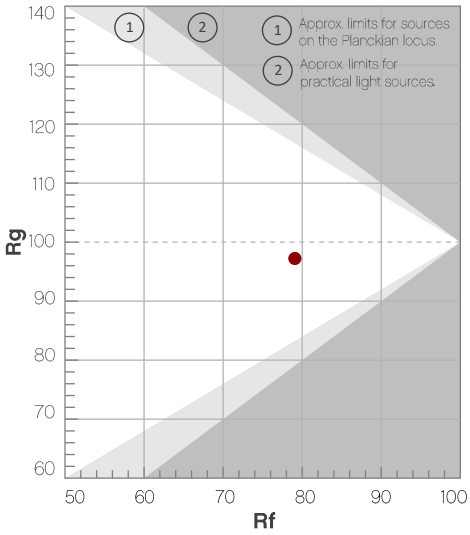
WELL Panel: White Only

TM-30-18 Details

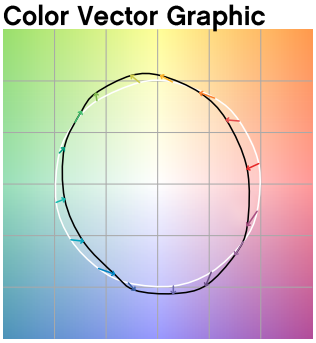
Rf 79.1
Fidelity Index (Rg)

Rg 97.2
Gamut Index (Rg)

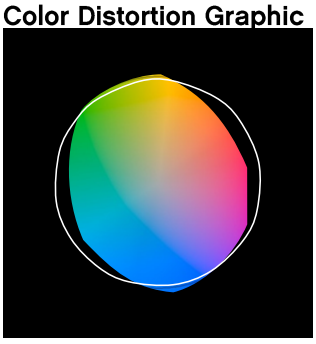
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	68	-4%	15%
4	77	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	79	1%	-12%
8	88	-4%	-6%
9	85	-9%	-2%
10	76	-9%	8%
11	72	-4%	16%
12	83	6%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-16%



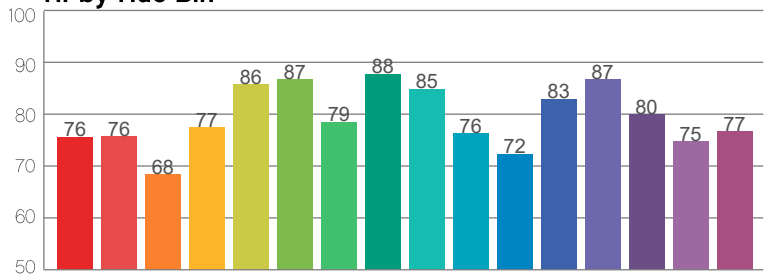
Color Vector Graphic



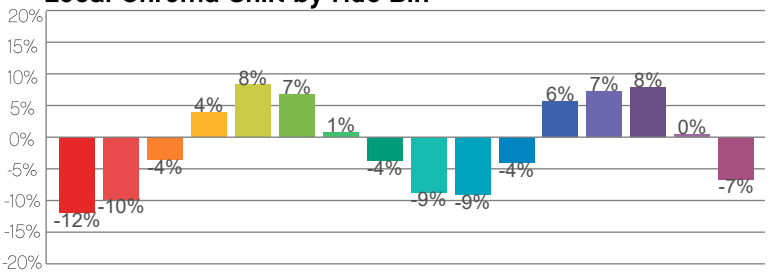
Color Distortion Graphic



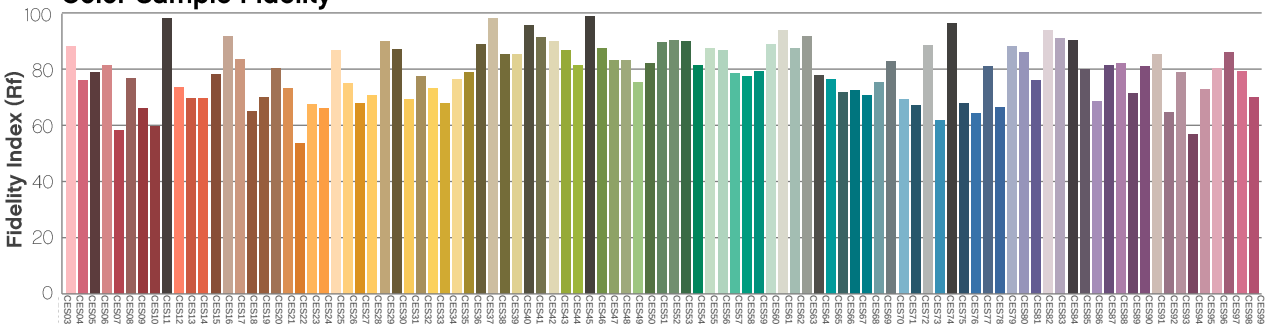
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

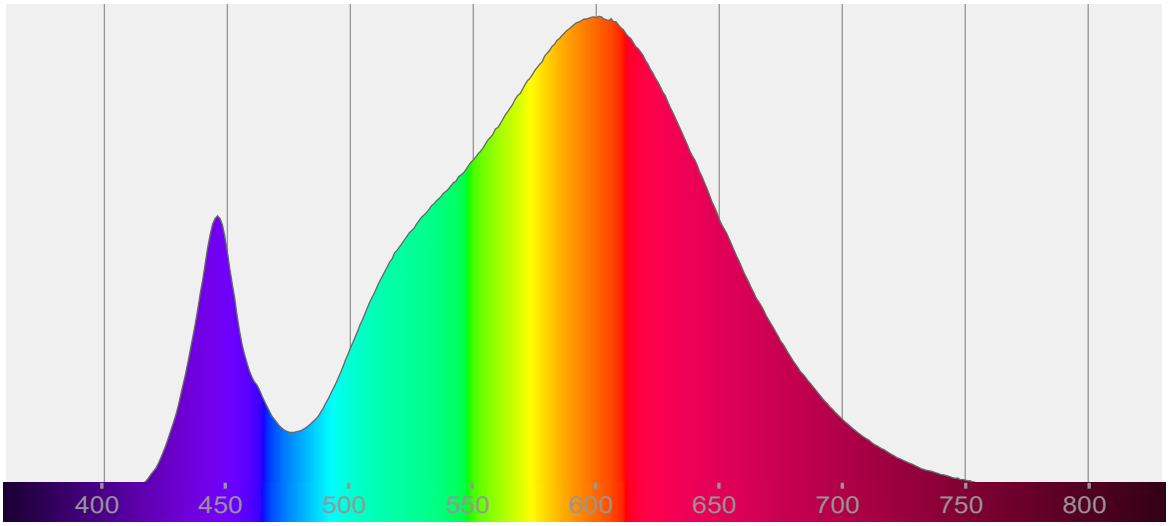
Total Lumens: 1668 lm
Peak Intensity: 4658 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3183K
Δuv: 0.0027

CRI: 79.3 CRI R9 Value: 0.1
CQS: 79.4
TLCI: 62
TM-30-18 Rf: 79.4
TM-30-18 Rg: 97.4
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3183 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.408

Color Temperature

3183 K

Light Quality

CRI: 79.3

Notes:

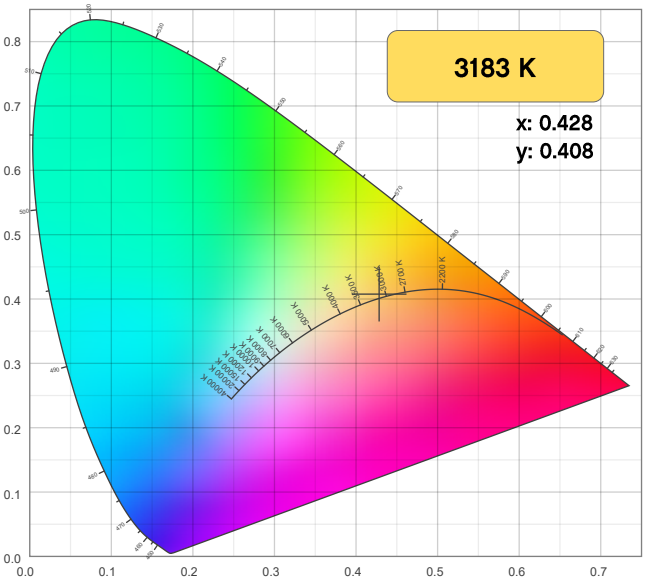
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Chromaticity Report

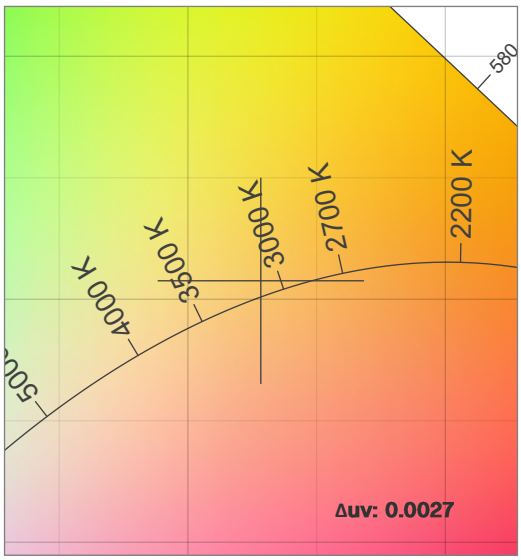
WELL Panel: White Only

Chromaticity

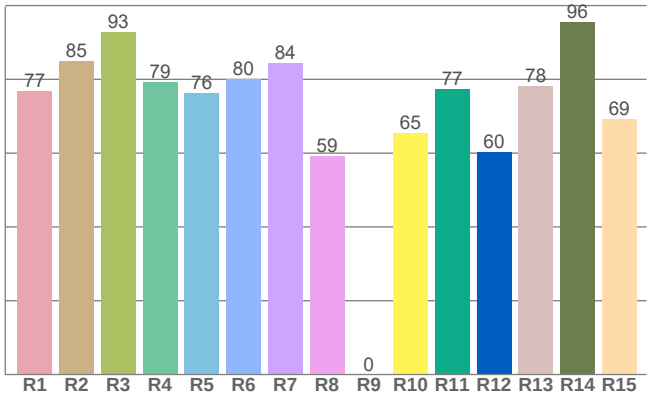
CIE 1931



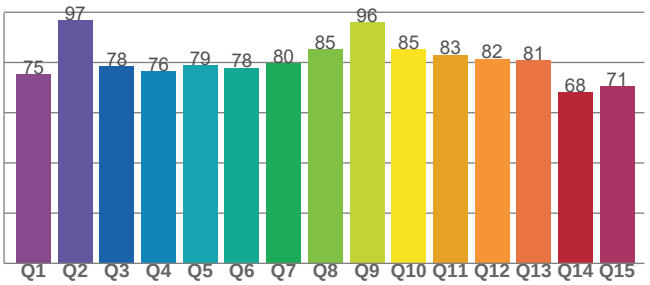
CIE 1931 - Zoom



CRI: 79.3 (R1-R8)



CQS: 79.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3183 K	0.428	0.408

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0027	0.408	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	0.1	79.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.4	97.4

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Chromaticity Report

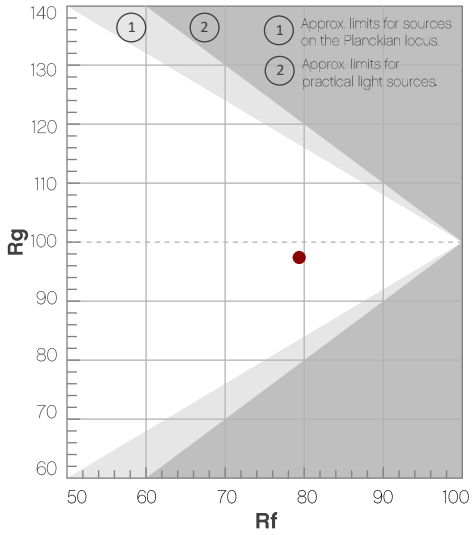
WELL Panel: White Only

TM-30-18 Details

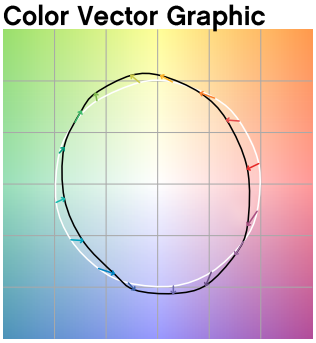
Rf 79.4
Fidelity Index (Rg)

Rg 97.4
Gamut Index (Rg)

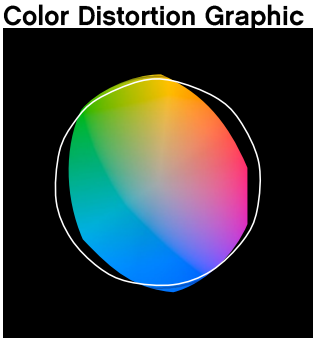
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	69	-4%	14%
4	78	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-9%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-1%
14	80	8%	-12%
15	75	1%	-15%
16	77	-7%	-15%



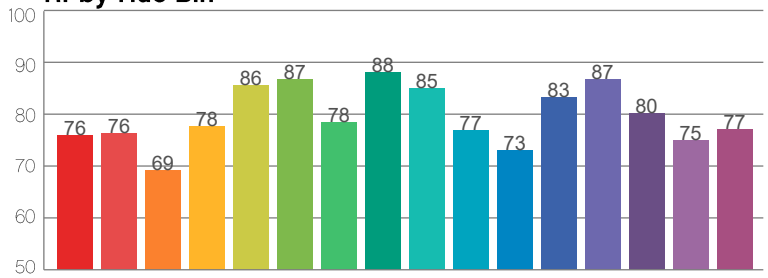
Color Vector Graphic



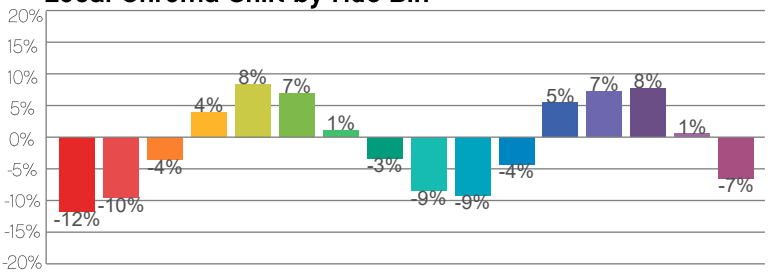
Color Distortion Graphic



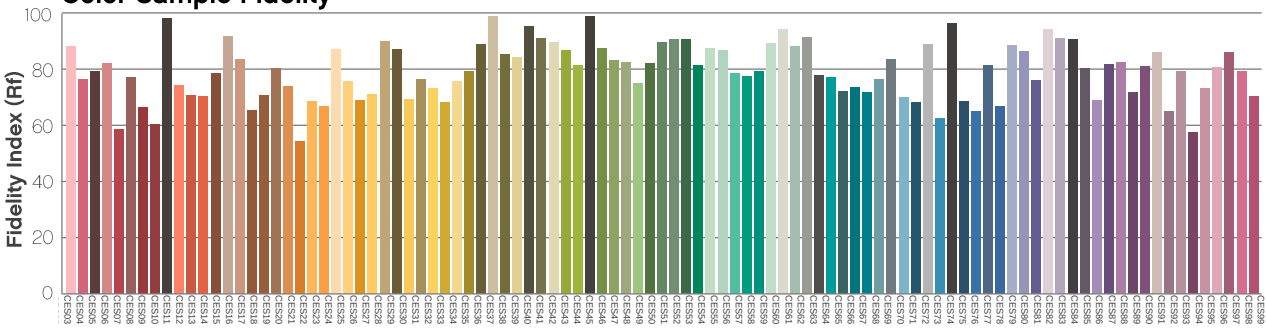
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

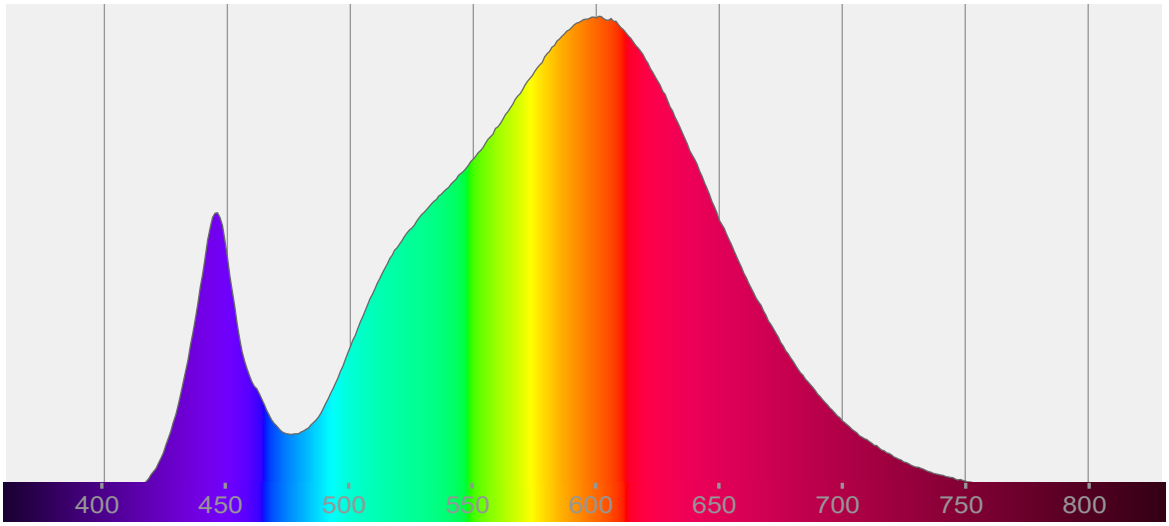
Total Lumens: 1027 lm
Peak Intensity: 3810 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3188K
Δuv: 0.0030

CRI: 79.3 CRI R9 Value: 0.3
CQS: 79.5
TLCI: 62
TM-30-18 Rf: 79.4
TM-30-18 Rg: 97.5
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3188 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.408

Color Temperature

3188 K

Light Quality

CRI: 79.3

Notes:

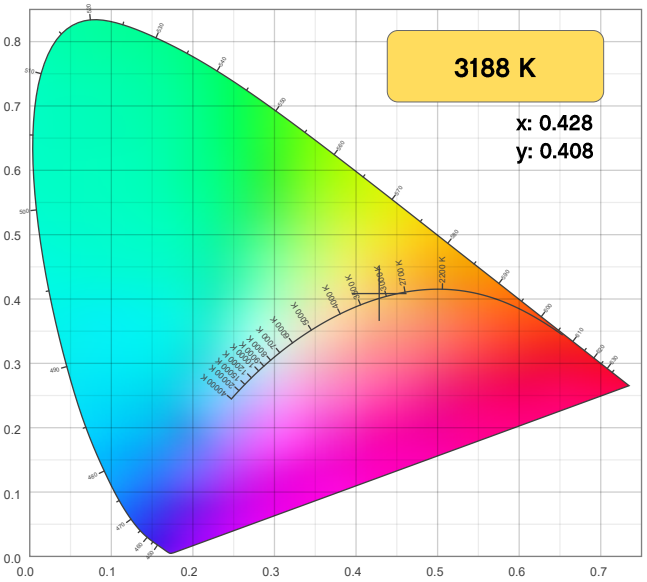
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Chromaticity Report

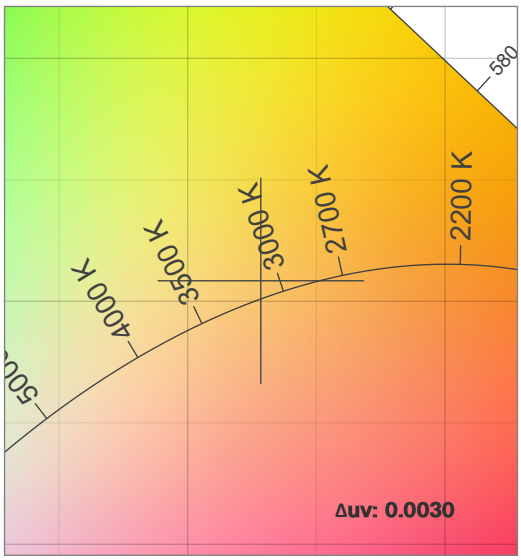
WELL Panel: White Only

Chromaticity

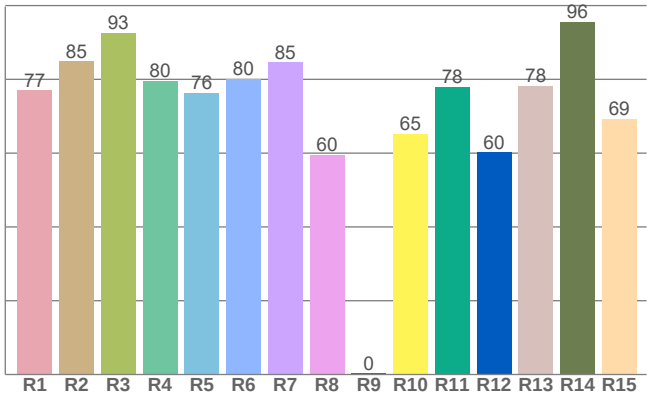
CIE 1931



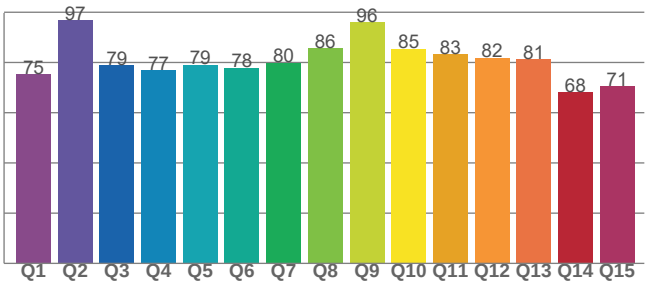
CIE 1931 - Zoom



CRI: 79.3 (R1-R8)



CQS: 79.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3188 K	0.428	0.408

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0030	0.408	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	0.3	79.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.4	97.5

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Chromaticity Report

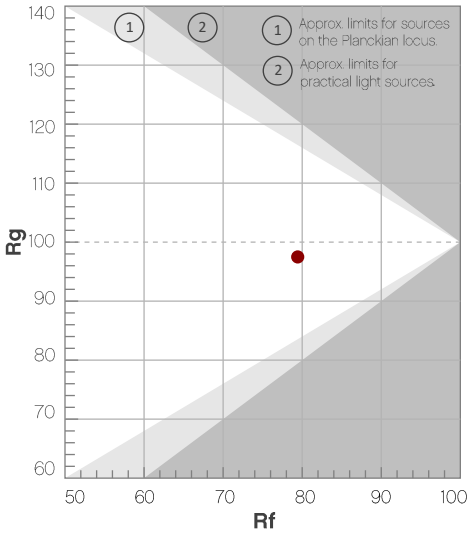
WELL Panel: White Only

TM-30-18 Details

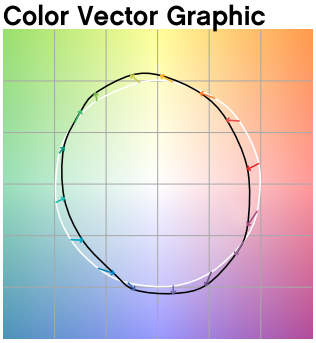
Rf 79.4
Fidelity Index (Rg)

Rg 97.5
Gamut Index (Rg)

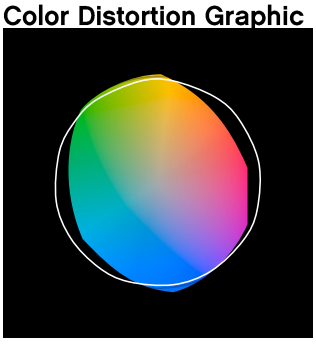
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	69	-4%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
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14	80	8%	-11%
15	75	1%	-15%
16	77	-6%	-15%



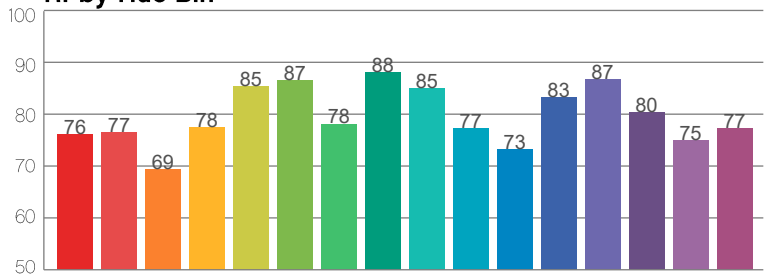
Color Vector Graphic



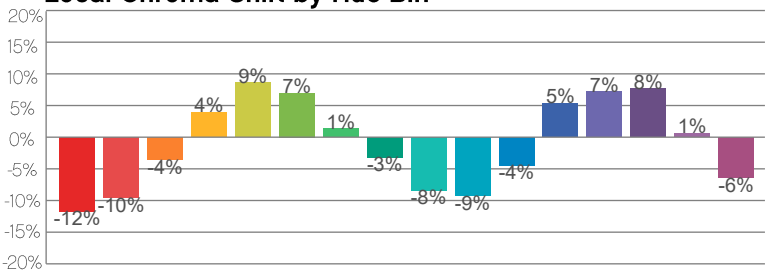
Color Distortion Graphic



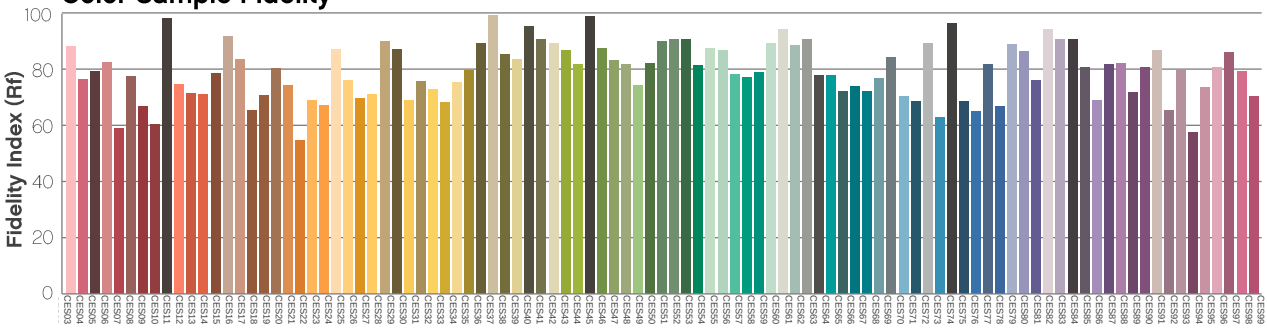
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

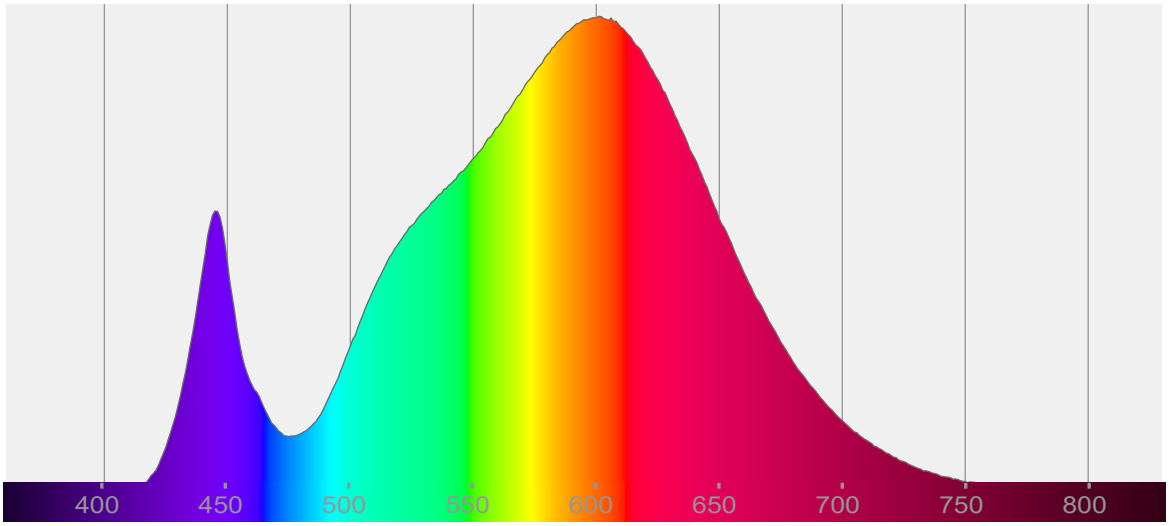
Total Lumens: 717 lm
Peak Intensity: 2198 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3187K
Δuv: 0.0033

CRI: 79.4 CRI R9 Value: 0.8
CQS: 79.7
TLCI: 62
TM-30-18 Rf: 79.5
TM-30-18 Rg: 97.6
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 445 nM



Spectral Distribution



Tested Color

3187 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.409

Color Temperature

3187 K

Light Quality

CRI: 79.4

Notes:

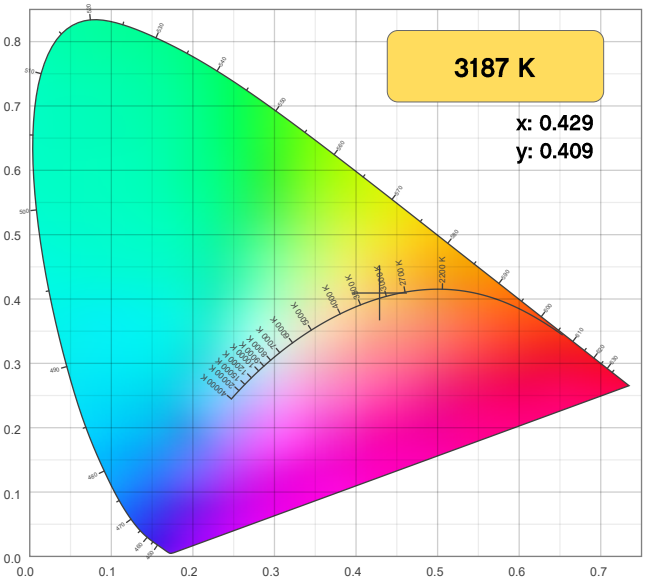
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Chromaticity Report

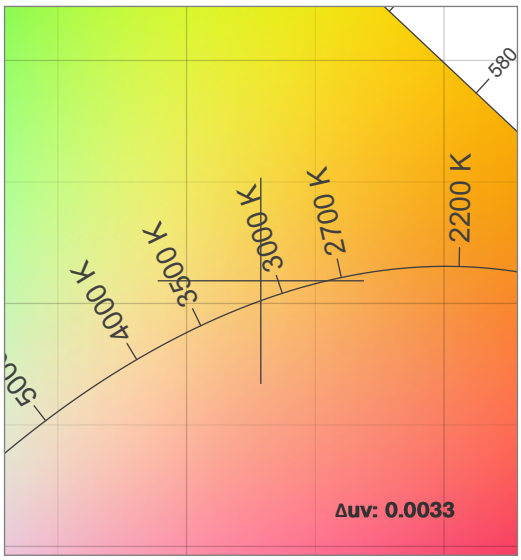
WELL Panel: White Only

Chromaticity

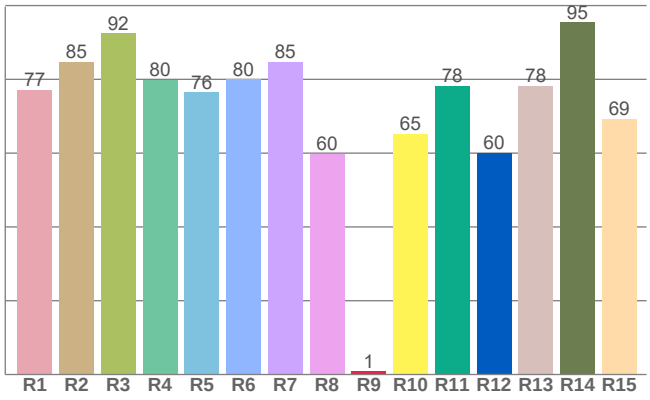
CIE 1931



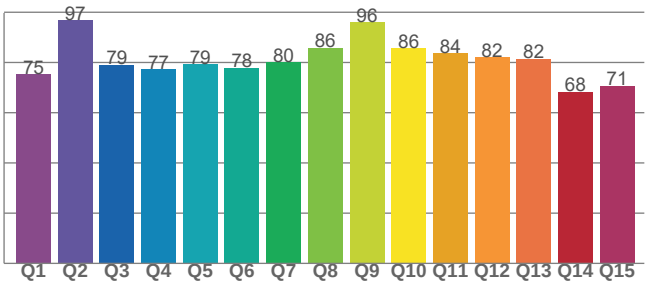
CIE 1931 - Zoom



CRI: 79.4 (R1-R8)



CQS: 79.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3187 K	0.429	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0033	0.409	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.4	0.8	79.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.5	97.6

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Chromaticity Report

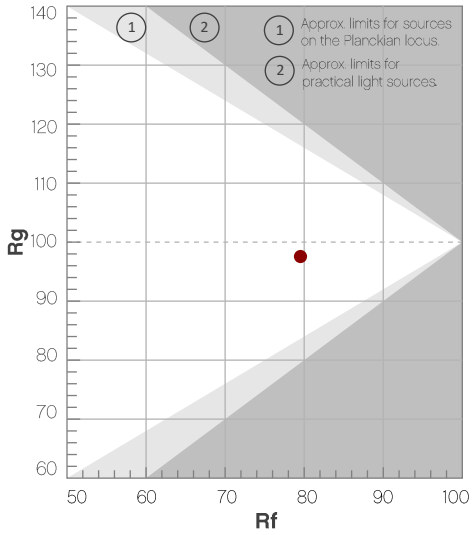
WELL Panel: White Only

TM-30-18 Details

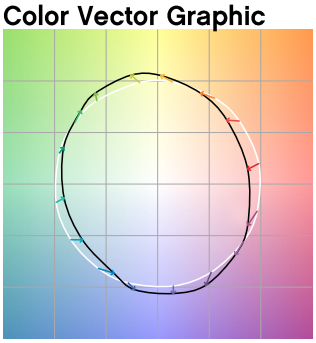
Rf 79.5
Fidelity Index (Rg)

Rg 97.6
Gamut Index (Rg)

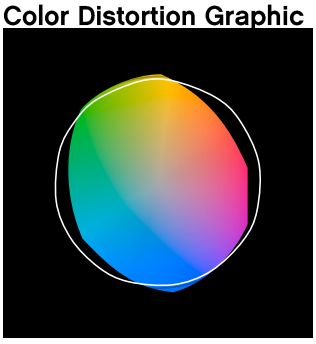
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	70	-4%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-3%
10	77	-9%	6%
11	73	-5%	15%
12	83	5%	7%
13	87	7%	-1%
14	81	8%	-11%
15	75	1%	-14%
16	77	-6%	-15%



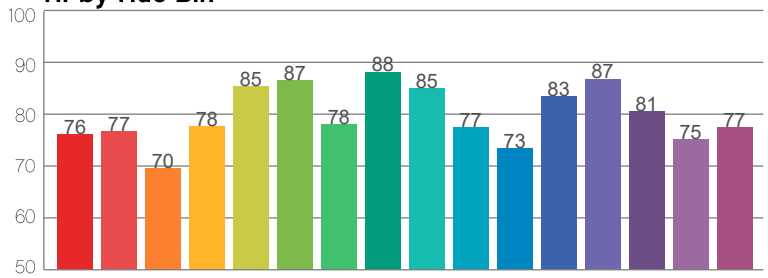
Color Vector Graphic



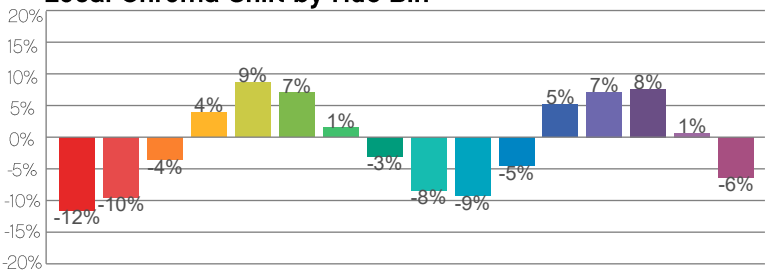
Color Distortion Graphic



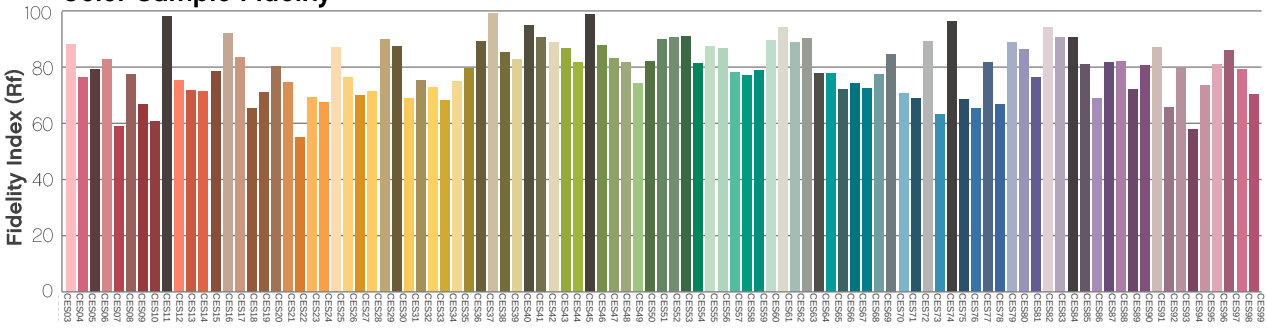
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

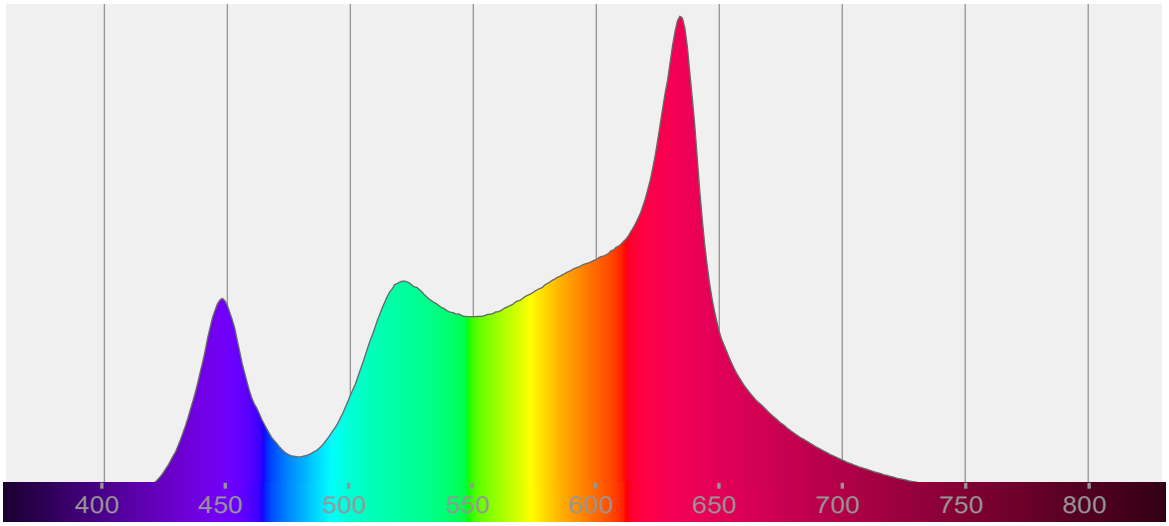
Total Lumens: 4446 lm
Peak Intensity: 15040 cd
Fixture Efficacy: 11 lm/W

Correlated Color Temperature: 3197K
Δuv: -0.0026

CRI: 93.5 CRI R9 Value: 97.5
CQS: 91.4
TLCI: 79
TM-30-18 Rf: 89.2
TM-30-18 Rg: 107.9
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3197 K
CIE 1931 Coordinates:
X: 0.420 Y: 0.392

Color Temperature

3197 K

Light Quality

CRI: 93.5

Notes:

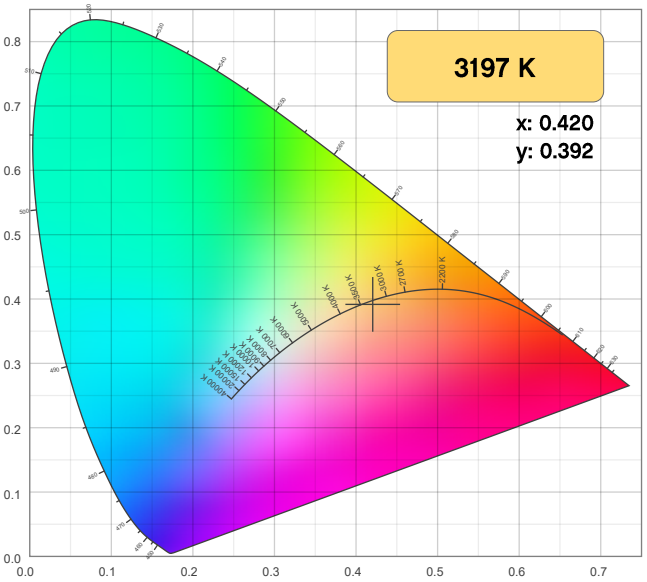
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Chromaticity Report

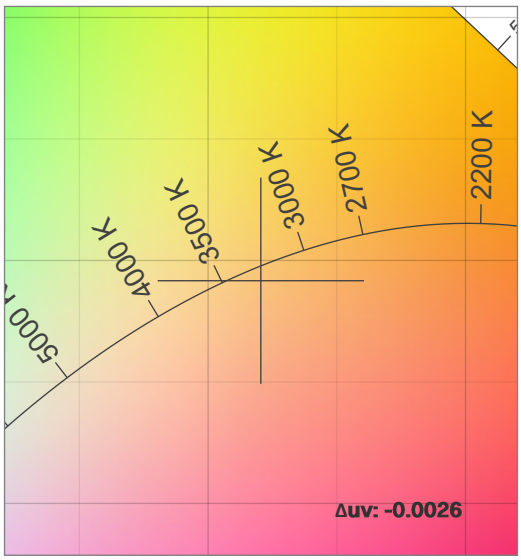
WELL Panel: 3200K

Chromaticity

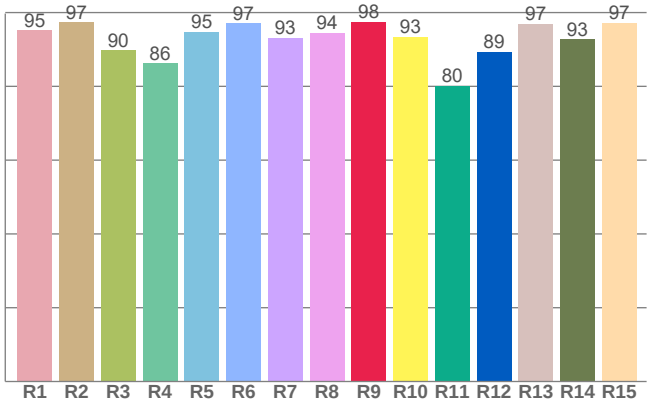
CIE 1931



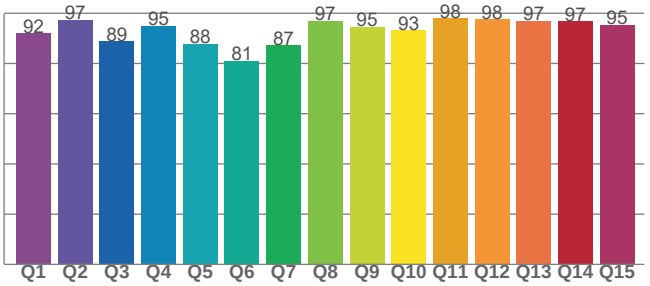
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3197 K	0.420	0.392

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0026	0.392	0.245

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.5	91.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.2	107.9

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Chromaticity Report

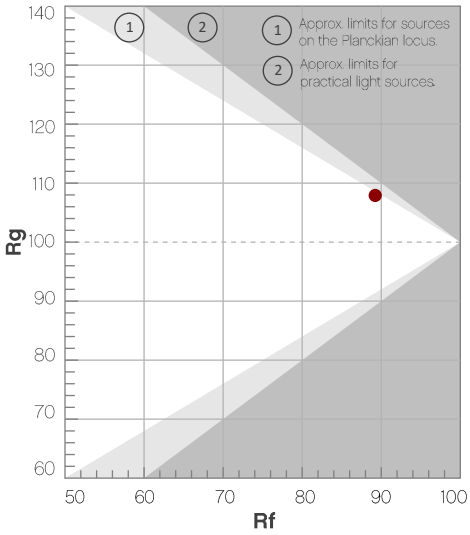
WELL Panel: 3200K

TM-30-18 Details

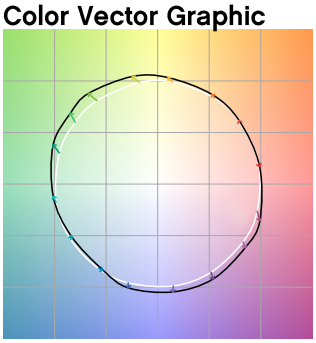
Rf 89.2
Fidelity Index (Rg)

Rg 107.9
Gamut Index (Rg)

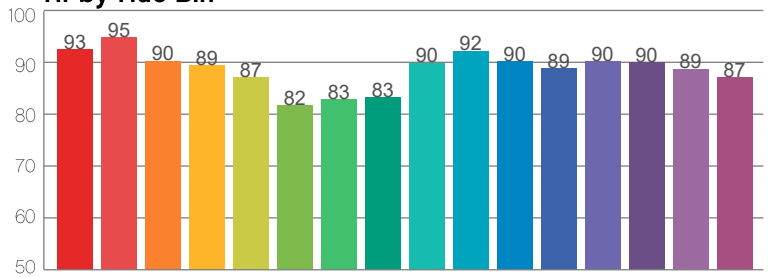
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	95	0%	0%
3	90	2%	4%
4	89	3%	5%
5	87	7%	6%
6	82	10%	3%
7	83	9%	-5%
8	83	7%	-6%
9	90	2%	-6%
10	92	-2%	-3%
11	90	-1%	4%
12	89	5%	1%
13	90	6%	-1%
14	90	7%	-2%
15	89	5%	-4%
16	87	4%	-8%



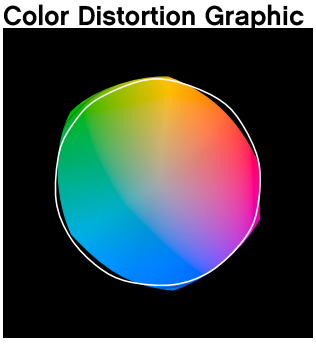
Color Vector Graphic



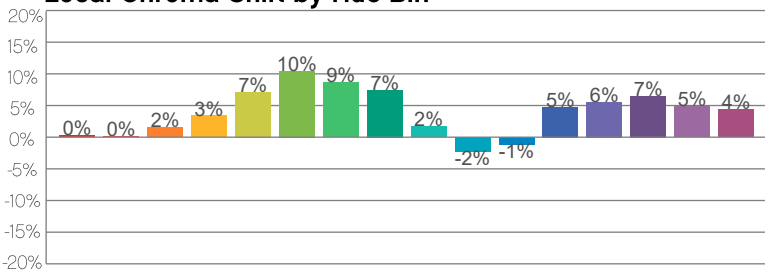
Rf by Hue Bin



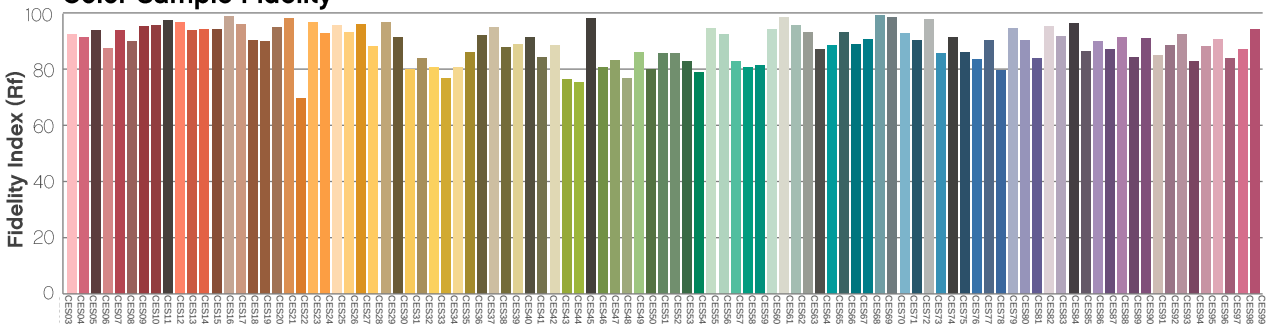
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

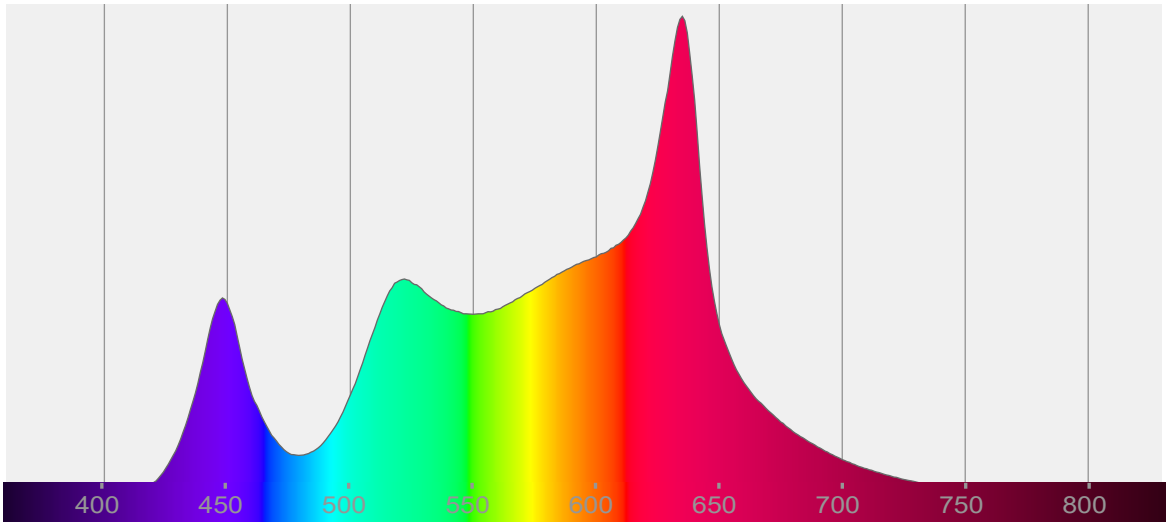
Total Lumens: 4635 lm
Peak Intensity: 13976 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3207K
Δuv: -0.0025

CRI: 93.6 CRI R9 Value: 97.4
CQS: 91.6
TLCI: 80
TM-30-18 Rf: 89.5
TM-30-18 Rg: 107.7
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3207 K
CIE 1931 Coordinates:
X: 0.420 Y: 0.392

Color Temperature

3207 K

Light Quality

CRI: 93.6

Notes:

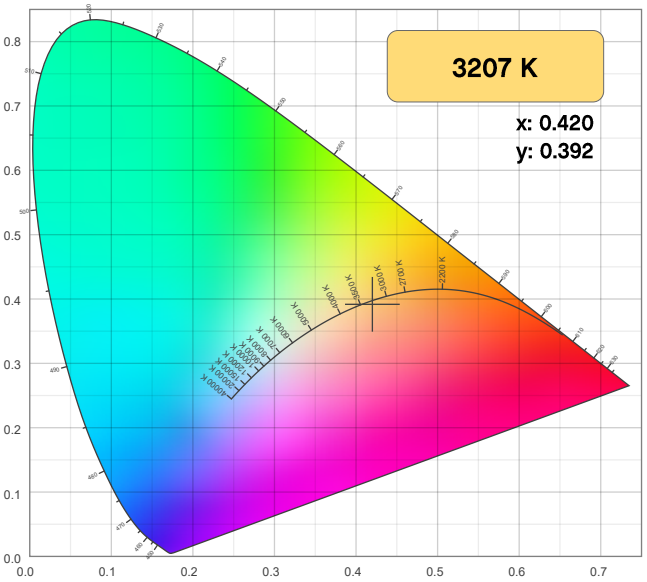
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Chromaticity Report

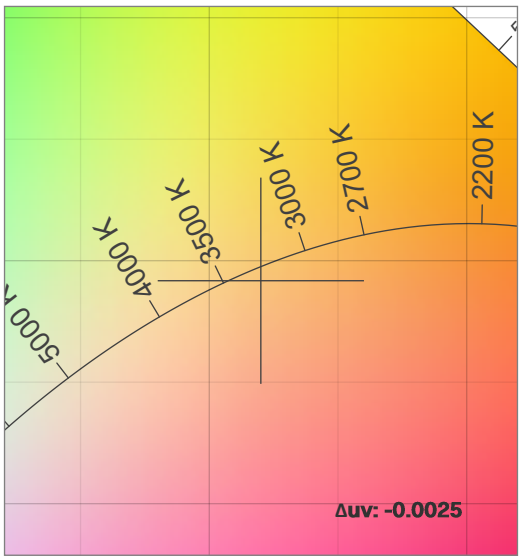
WELL Panel: 3200K

Chromaticity

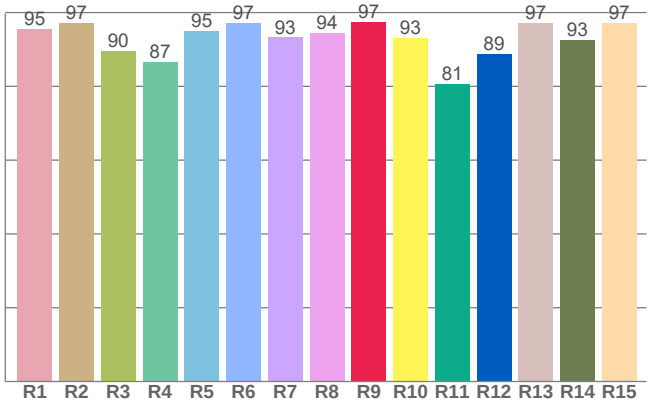
CIE 1931



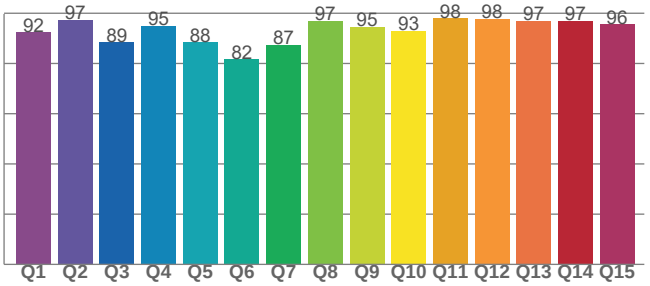
CIE 1931 - Zoom



CRI: 93.6 (R1-R8)



CQS: 91.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3207 K	0.420	0.392

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0025	0.392	0.245

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.6	97.4	91.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
80	89.5	107.7

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Chromaticity Report

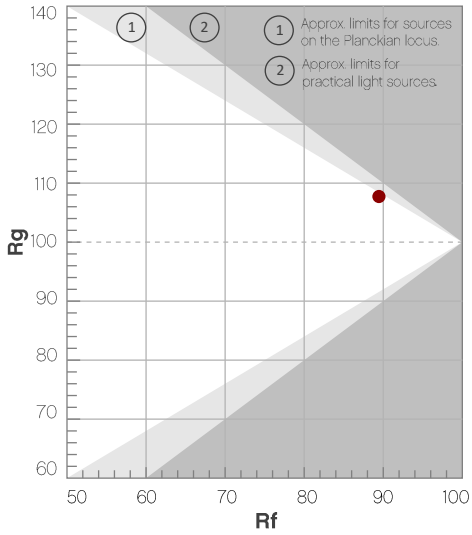
WELL Panel: 3200K

TM-30-18 Details

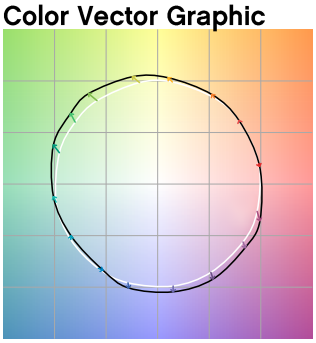
Rf 89.5
Fidelity Index (Rg)

Rg 107.7
Gamut Index (Rg)

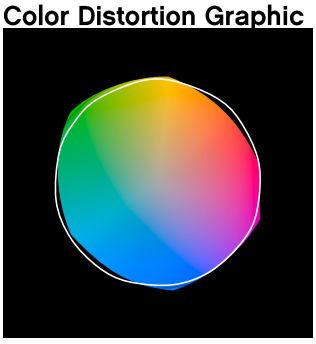
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	95	0%	0%
3	90	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	10%	3%
7	83	8%	-4%
8	84	7%	-6%
9	90	2%	-6%
10	93	-2%	-3%
11	90	-1%	5%
12	89	5%	2%
13	90	5%	-1%
14	90	7%	-2%
15	89	5%	-3%
16	87	4%	-8%



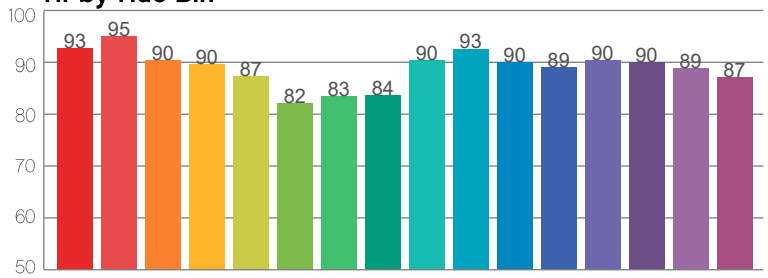
Color Vector Graphic



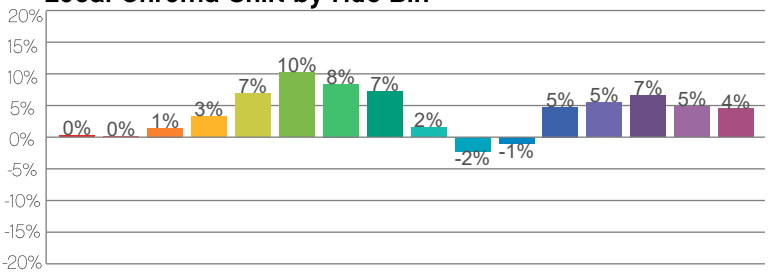
Color Distortion Graphic



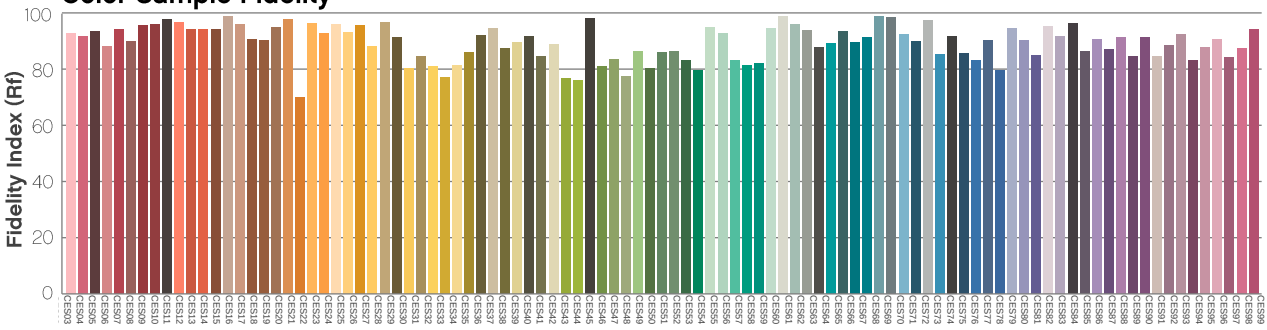
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K Only

Report Summary

Measurements

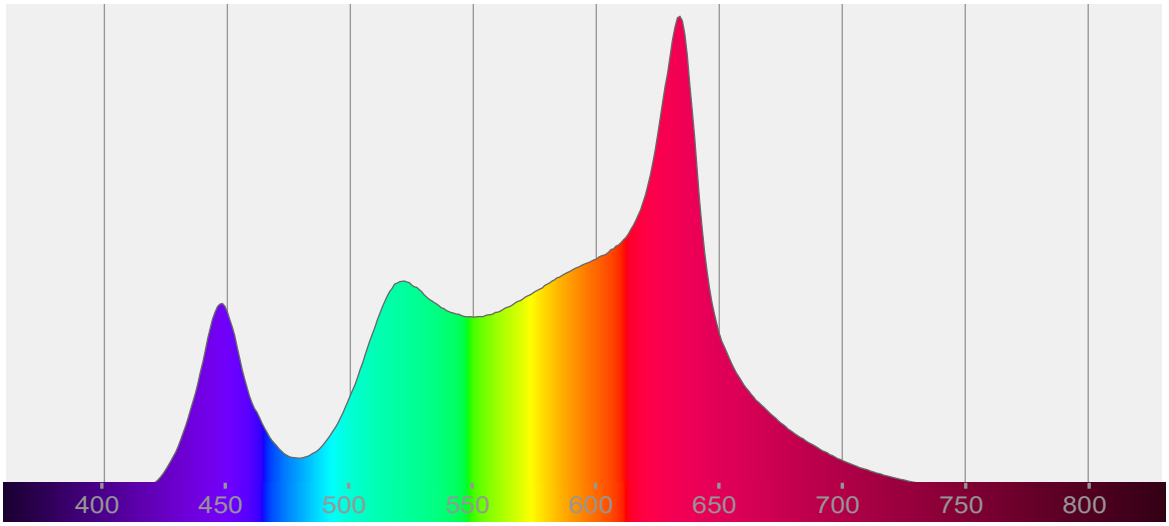
Total Lumens: 2035 lm
Peak Intensity: 5721 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3181K
Δuv: -0.0021

CRI: 93.5 CRI R9 Value: 97.9
CQS: 91.4
TLCI: 79
TM-30-18 Rf: 89.2
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3181 K
CIE 1931 Coordinates:
X: 0.422 Y: 0.394

Color Temperature

3181 K

Light Quality

CRI: 93.5

Notes:

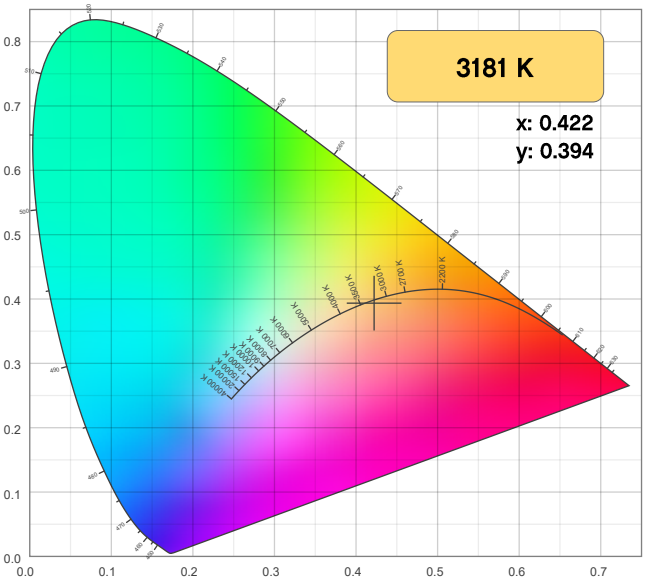
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Chromaticity Report

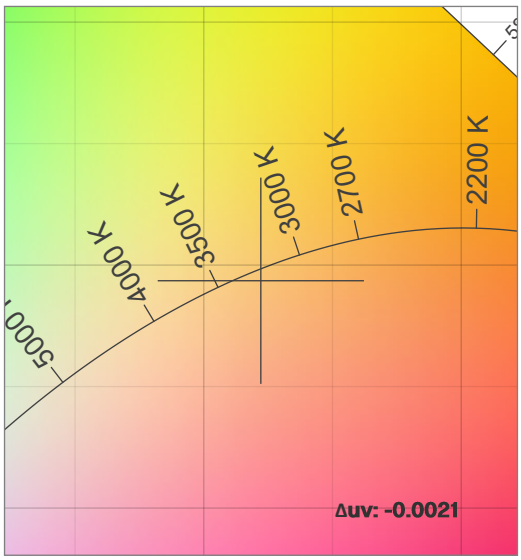
WELL Panel: 3200K Only

Chromaticity

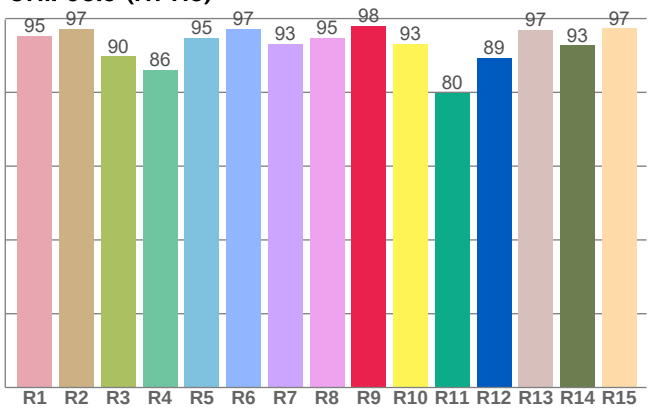
CIE 1931



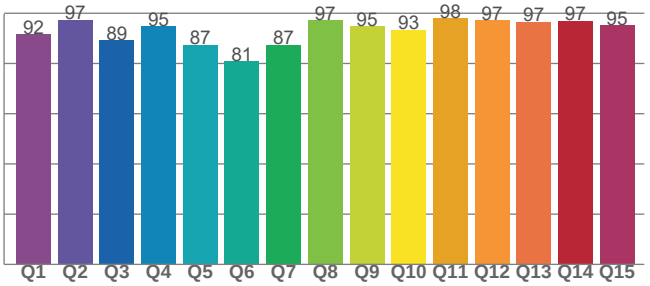
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3181 K	0.422	0.394

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0021	0.394	0.245

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.9	91.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.2	107.8

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Chromaticity Report

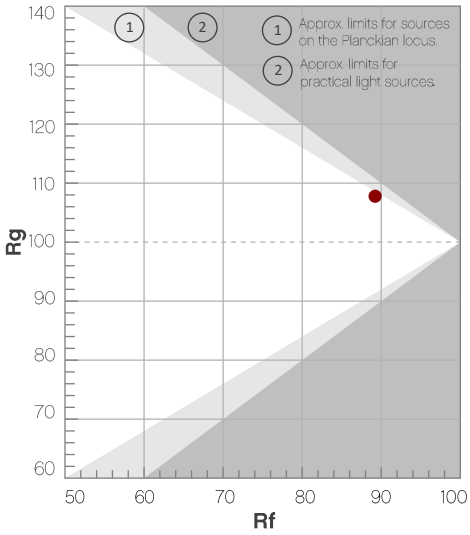
WELL Panel: 3200K Only

TM-30-18 Details

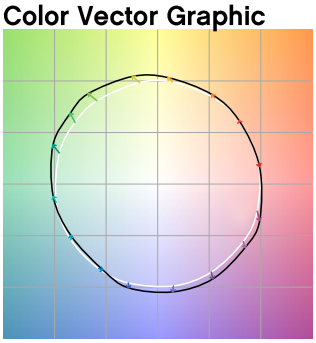
Rf 89.2
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

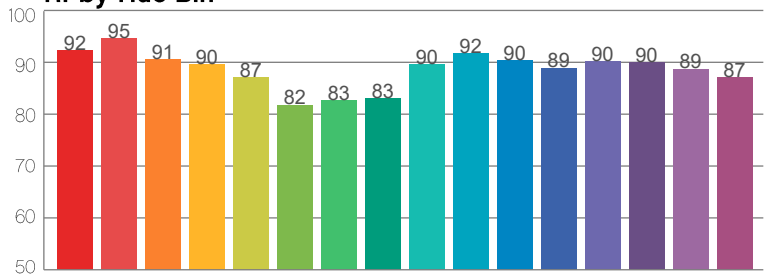
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	95	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	10%	3%
7	83	9%	-5%
8	83	8%	-6%
9	90	2%	-6%
10	92	-2%	-3%
11	90	-1%	4%
12	89	5%	1%
13	90	6%	-2%
14	90	6%	-2%
15	89	5%	-4%
16	87	4%	-8%



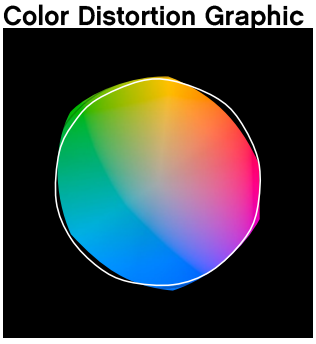
Color Vector Graphic



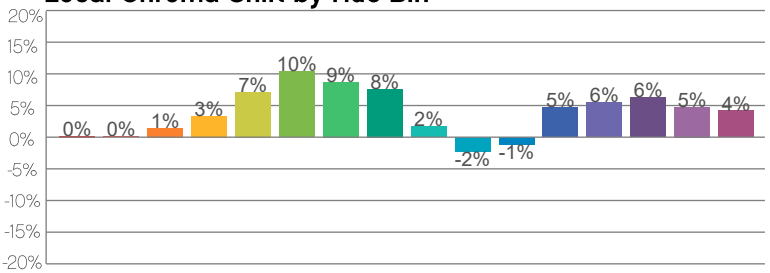
Rf by Hue Bin



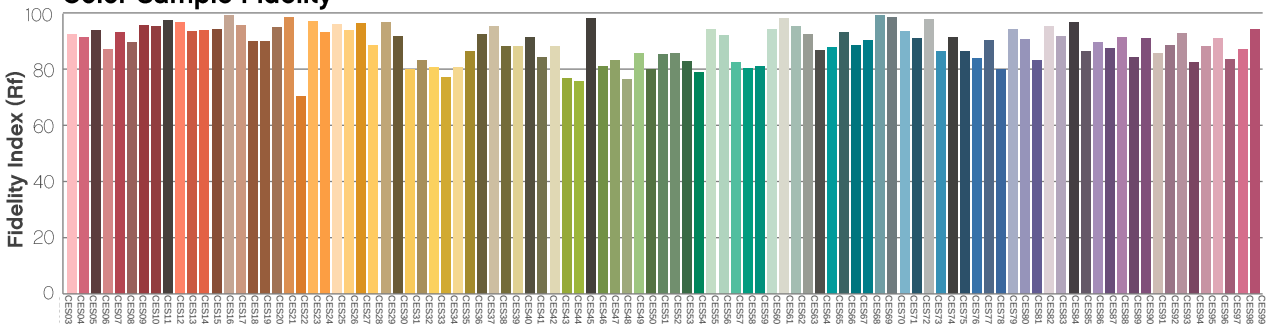
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

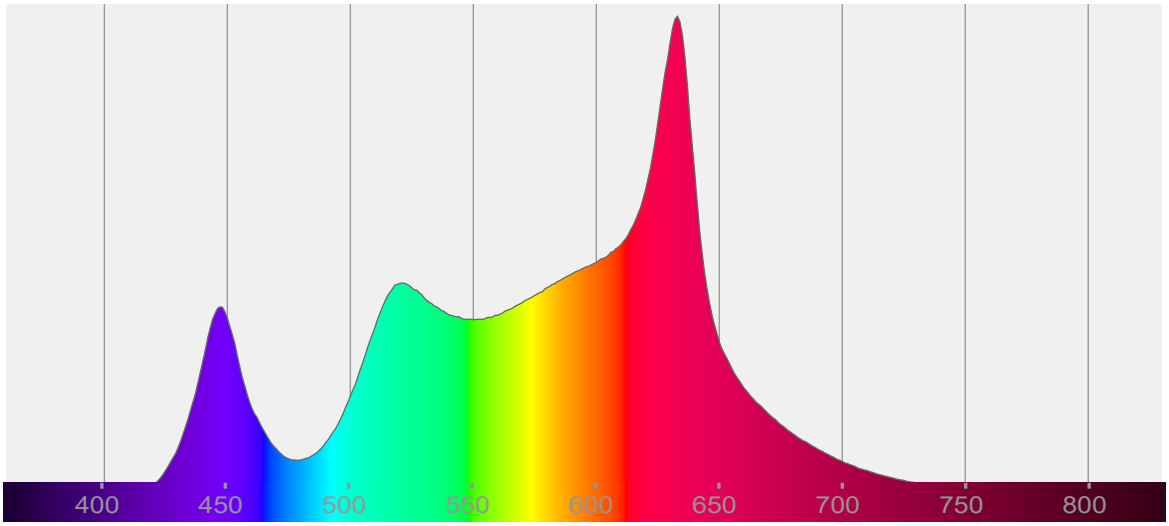
Total Lumens: 1282 lm
Peak Intensity: 4786 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3169K
Δuv: -0.0018

CRI: 93.5 CRI R9 Value: 97.3
CQS: 91.2
TLCI: 77
TM-30-18 Rf: 89.0
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3169 K
CIE 1931 Coordinates:
X: 0.423 Y: 0.395

Color Temperature

3169 K

Light Quality

CRI: 93.5

Notes:

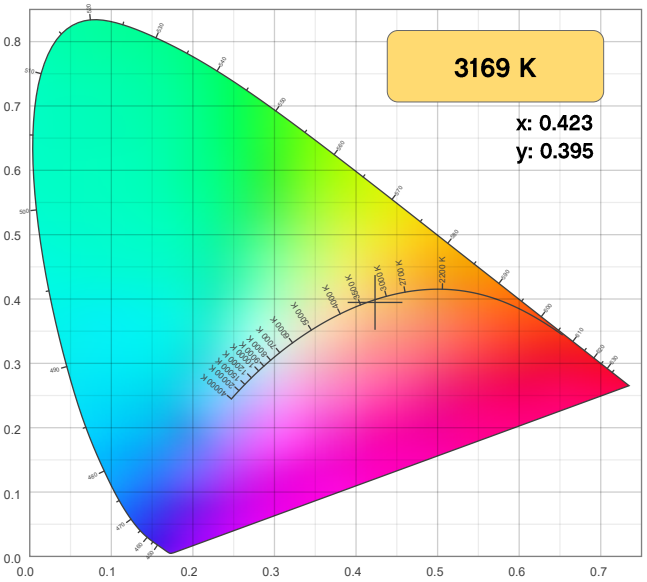
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Chromaticity Report

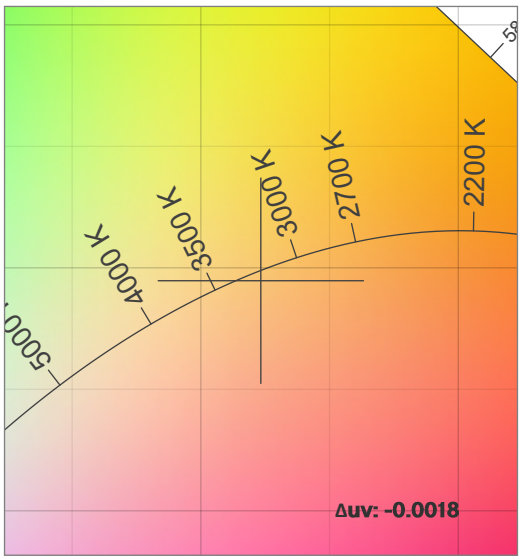
WELL Panel: 3200K

Chromaticity

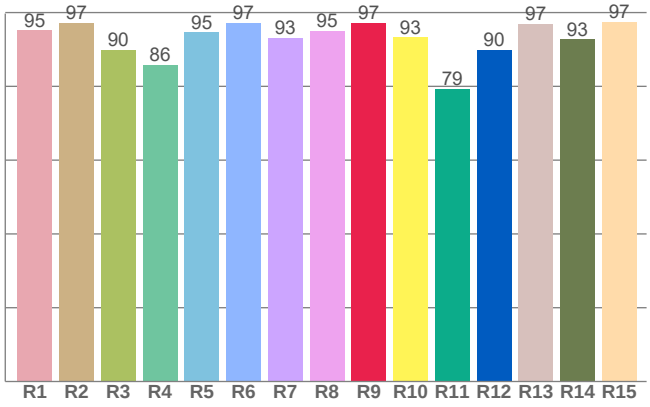
CIE 1931



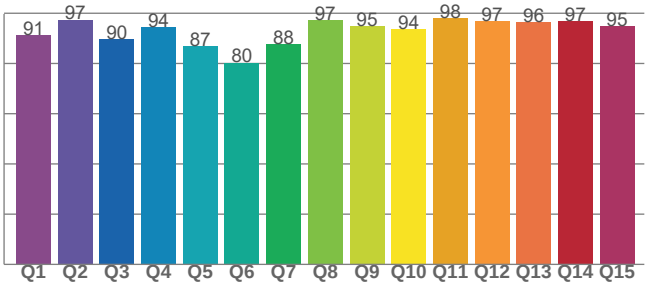
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3169 K	0.423	0.395

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0018	0.395	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.3	91.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
77	89.0	107.8

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Chromaticity Report

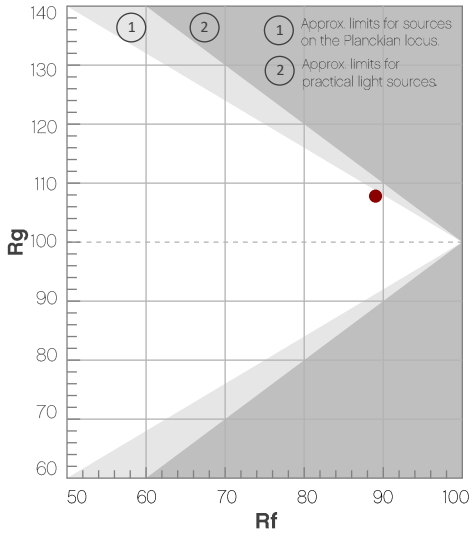
WELL Panel: 3200K

TM-30-18 Details

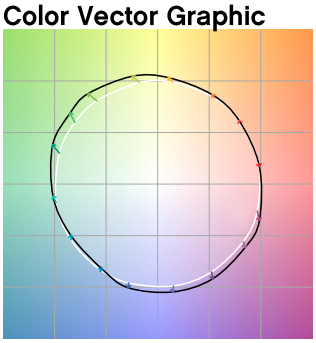
Rf 89.0
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

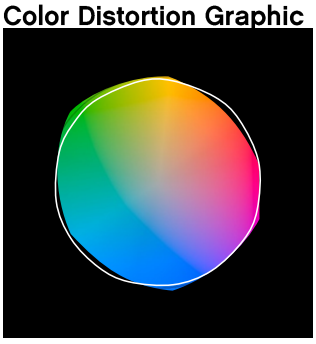
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	11%	3%
7	82	9%	-5%
8	83	8%	-6%
9	89	2%	-6%
10	91	-2%	-4%
11	91	-1%	4%
12	89	5%	1%
13	90	6%	-2%
14	90	6%	-3%
15	89	5%	-4%
16	87	4%	-8%



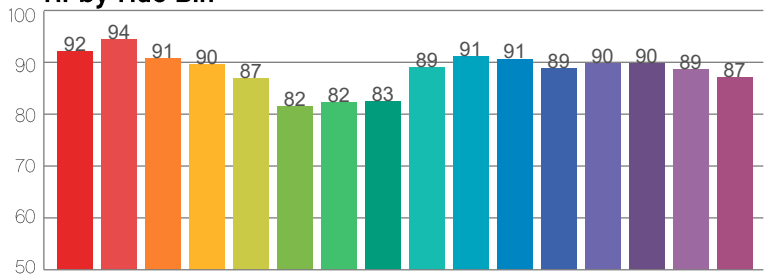
Color Vector Graphic



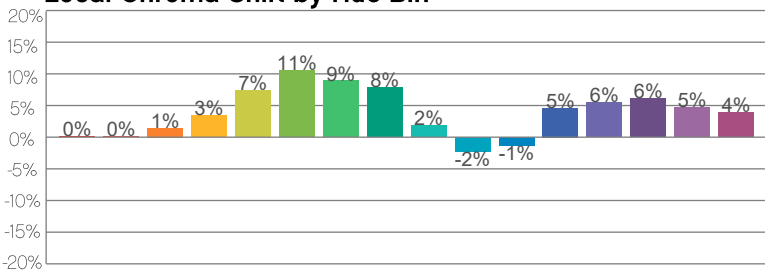
Color Distortion Graphic



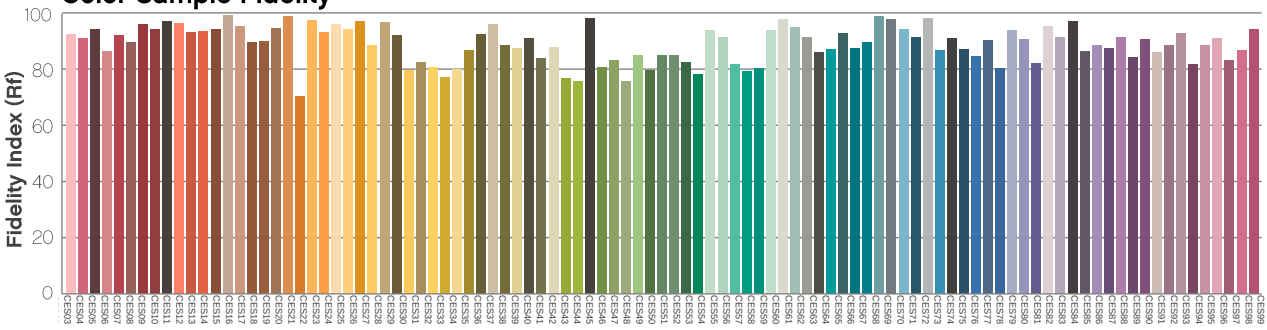
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K Only

Report Summary

Measurements

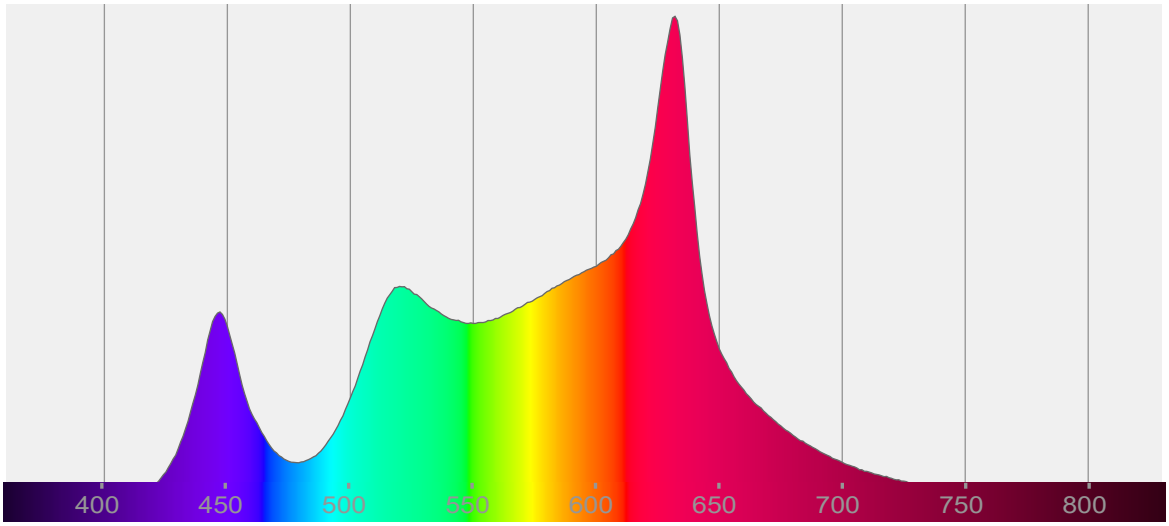
Total Lumens: 900 lm
Peak Intensity: 2822 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3140K
Δuv: -0.0015

CRI: 93.5 CRI R9 Value: 95.6
CQS: 91.0
TLCI: 76
TM-30-18 Rf: 88.8
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 632 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

3140 K
CIE 1931 Coordinates:
X: 0.426 Y: 0.396

Color Temperature

3140 K

Light Quality

CRI: 93.5

Notes:

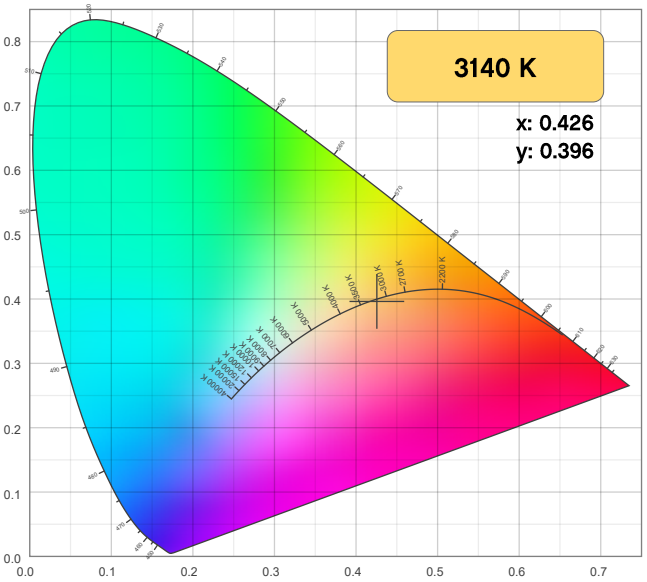
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Chromaticity Report

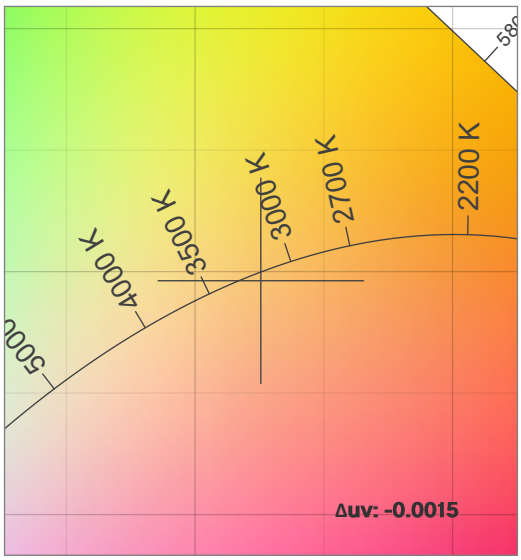
WELL Panel: 3200K Only

Chromaticity

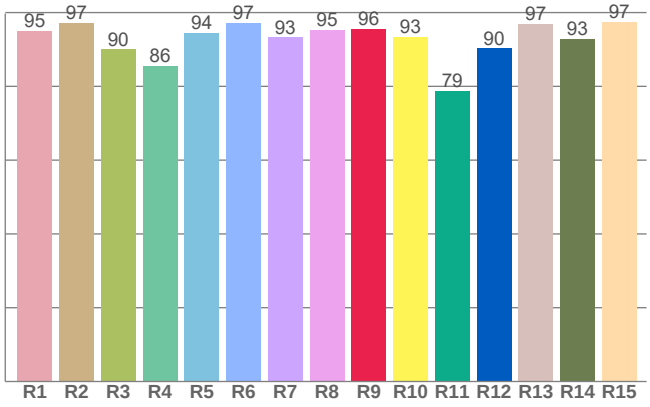
CIE 1931



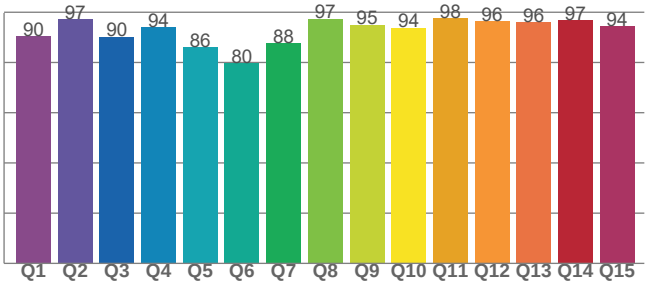
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3140 K	0.426	0.396

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0015	0.396	0.247

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	95.6	91.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
76	88.8	107.8

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Chromaticity Report

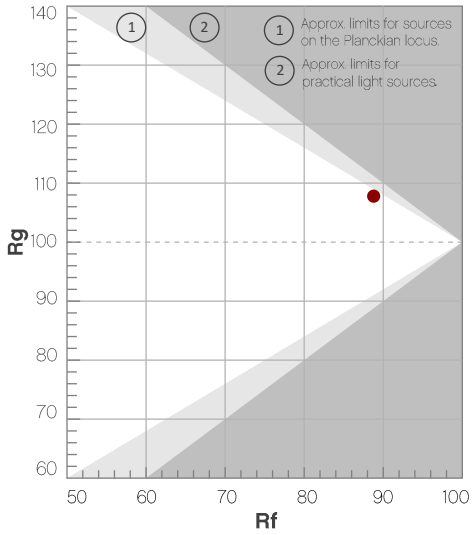
WELL Panel: 3200K Only

TM-30-18 Details

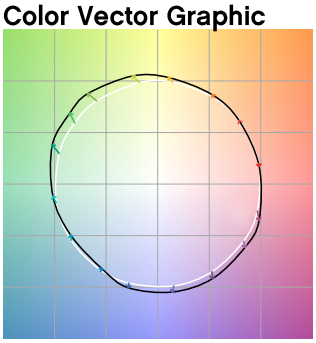
Rf 88.8
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

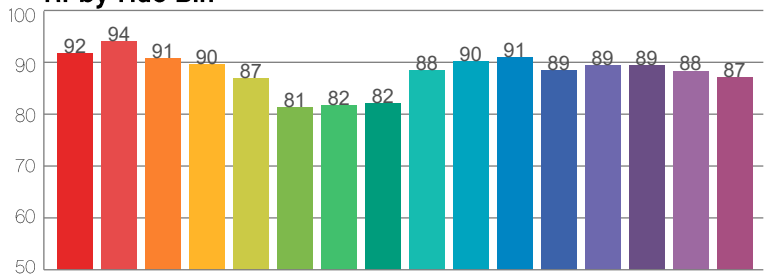
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	4%	5%
5	87	8%	6%
6	81	11%	3%
7	82	9%	-5%
8	82	8%	-6%
9	88	2%	-7%
10	90	-2%	-4%
11	91	-1%	3%
12	89	5%	0%
13	89	6%	-3%
14	89	6%	-3%
15	88	5%	-4%
16	87	4%	-8%



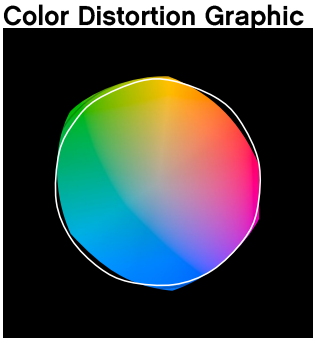
Color Vector Graphic



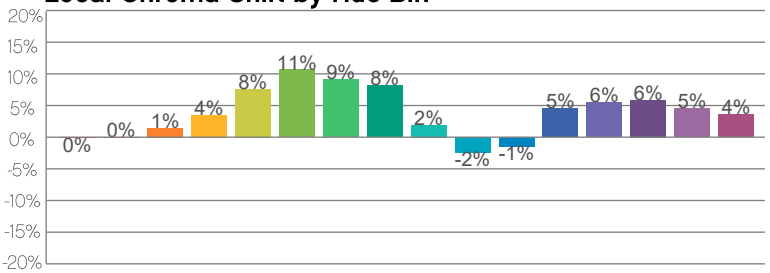
Rf by Hue Bin



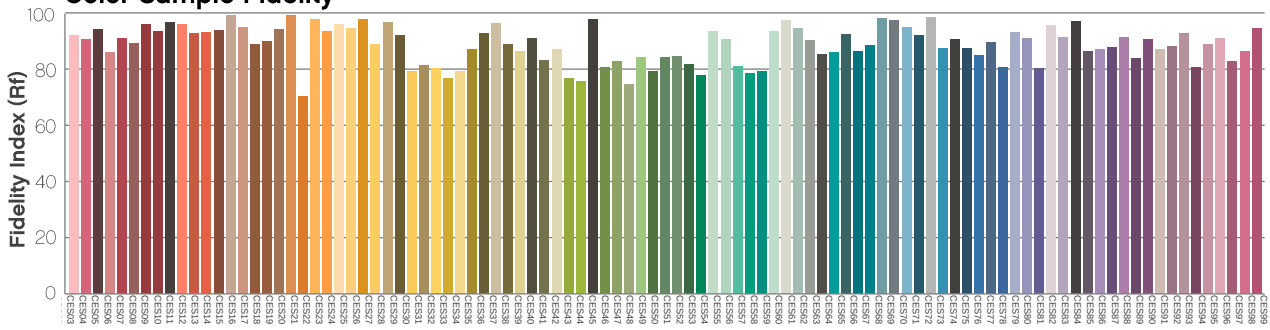
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

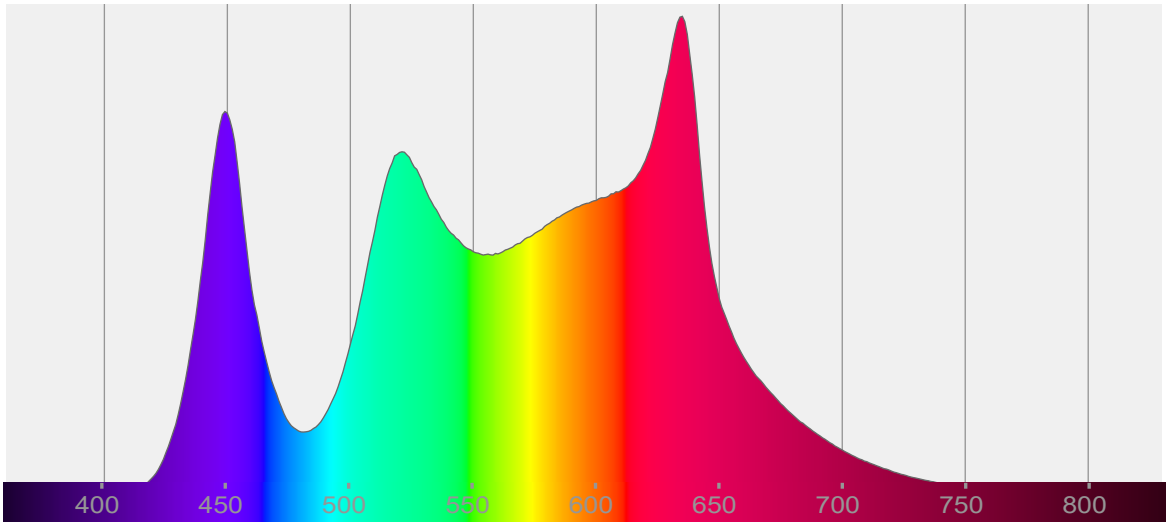
Total Lumens: 4580 lm
Peak Intensity: 15750 cd
Fixture Efficacy: 12 lm/W

Correlated Color Temperature: 4031K
Δuv: -0.0013



CRI: 92.9 CRI R9 Value: 98.5
CQS: 93.2
TLCI: 81
TM-30-18 Rf: 89.9
TM-30-18 Rg: 106.5
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 449 nM

Spectral Distribution



Tested Color

4031 K
CIE 1931 Coordinates:
X: 0.378 Y: 0.373

Color Temperature

4031 K

Light Quality

CRI: 92.9

Notes:

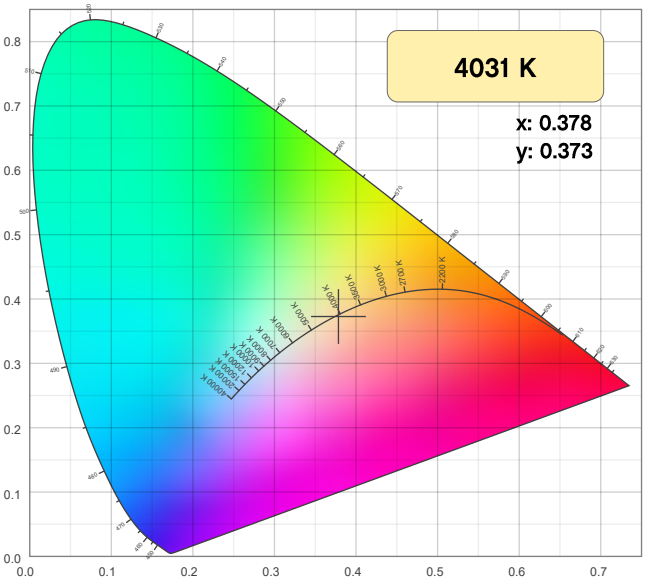
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Chromaticity Report

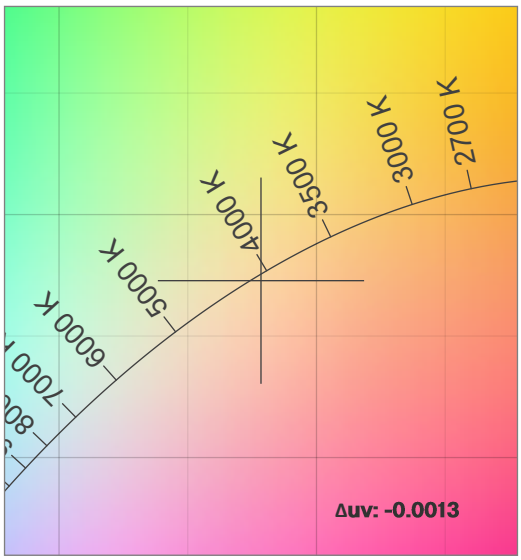
WELL Panel: 4000K

Chromaticity

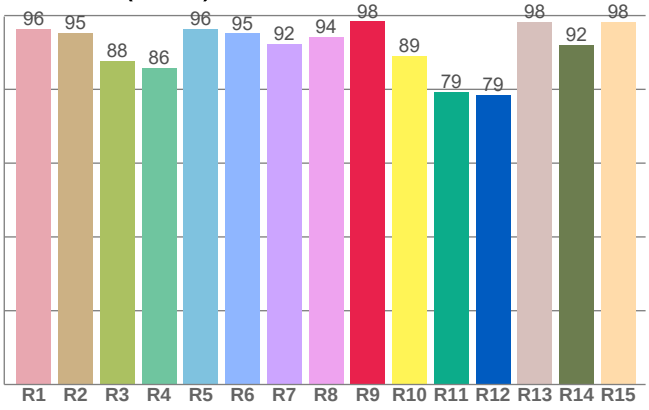
CIE 1931



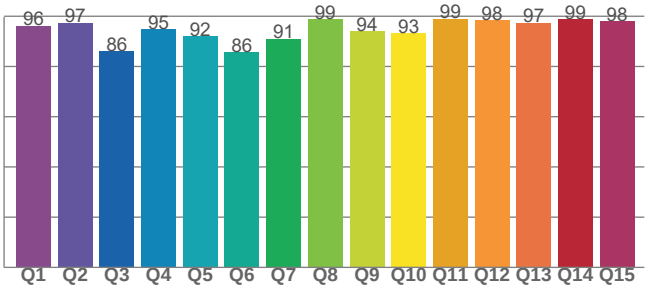
CIE 1931 - Zoom



CRI: 92.9 (R1-R8)



CQS: 93.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4031 K	0.378	0.373

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0013	0.373	0.225

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.9	98.5	93.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
81	89.9	106.5

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Chromaticity Report

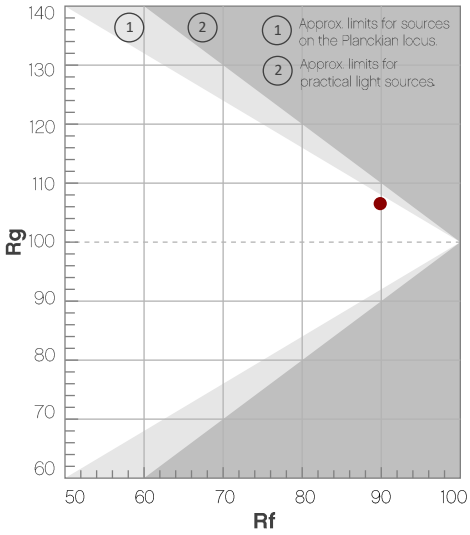
WELL Panel: 4000K

TM-30-18 Details

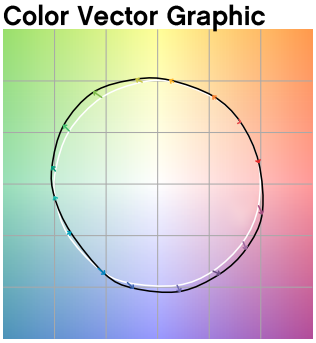
Rf 89.9
Fidelity Index (Rg)

Rg 106.5
Gamut Index (Rg)

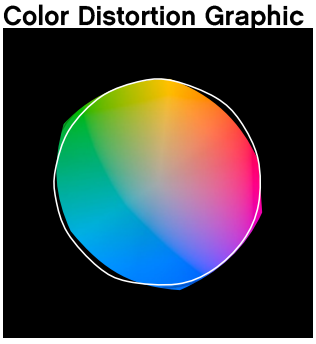
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	85	9%	3%
7	87	8%	-1%
8	90	4%	-3%
9	93	1%	-3%
10	92	-4%	0%
11	86	1%	8%
12	85	4%	7%
13	90	6%	1%
14	90	6%	4%
15	88	6%	-4%
16	86	5%	-7%



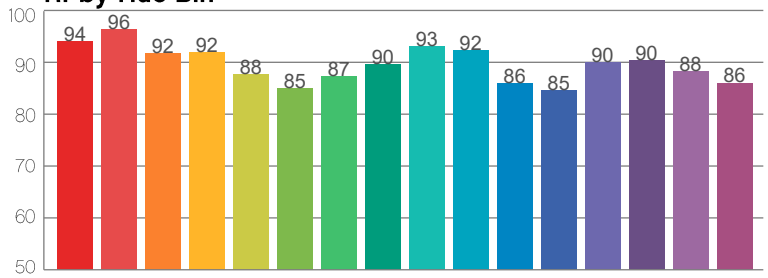
Color Vector Graphic



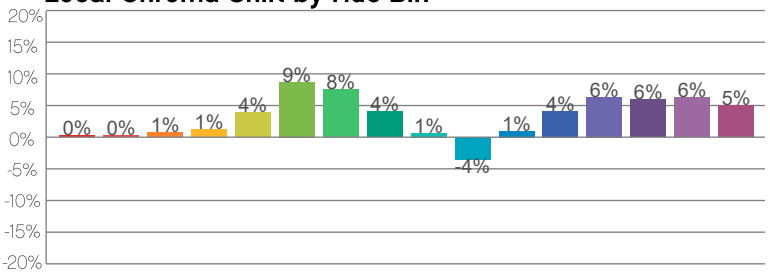
Color Distortion Graphic



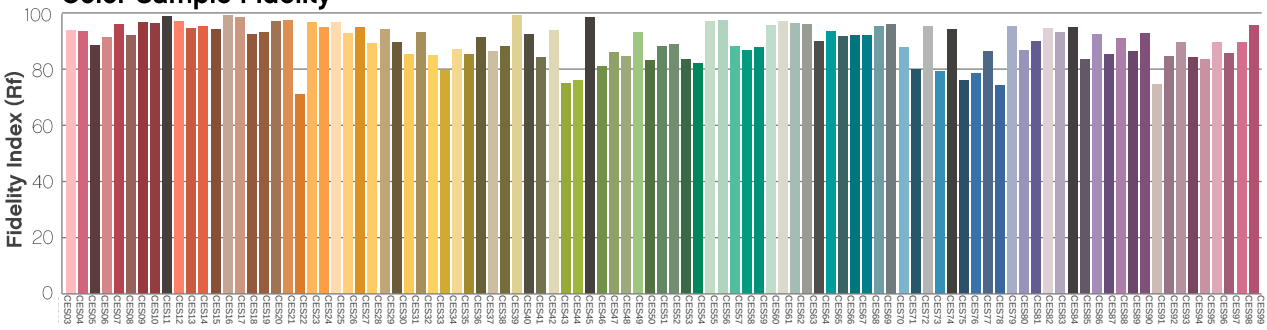
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

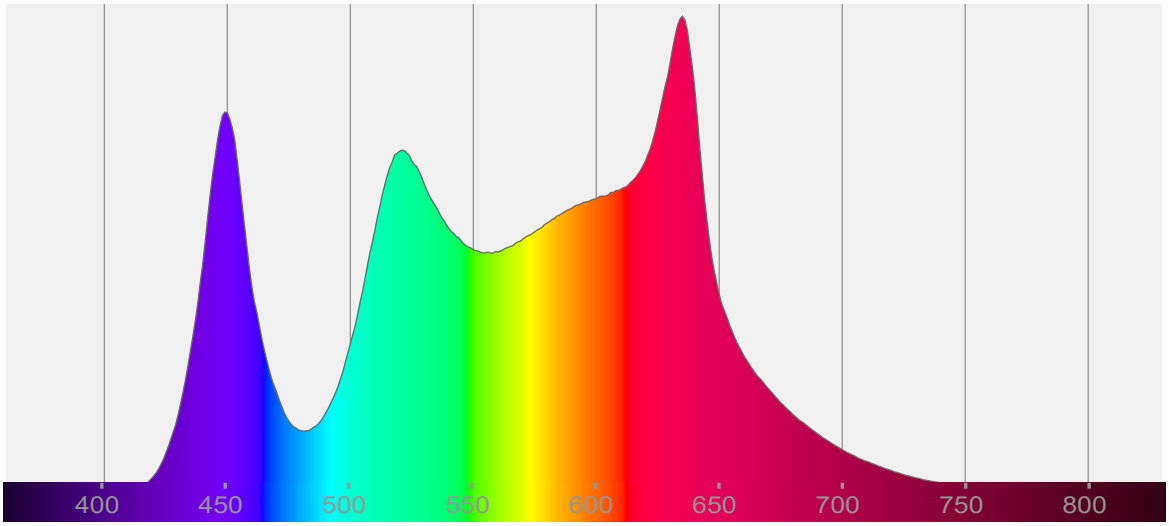
Total Lumens: 4173 lm
Peak Intensity: 12186 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 4034K
Δuv: -0.0011

CRI: 93.0 CRI R9 Value: 98.4
CQS: 93.2
TLCI: 82
TM-30-18 Rf: 89.9
TM-30-18 Rg: 106.4
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

4034 K
CIE 1931 Coordinates:
X: 0.378 Y: 0.373

Color Temperature

4034 K

Light Quality

CRI: 93.0

Notes:

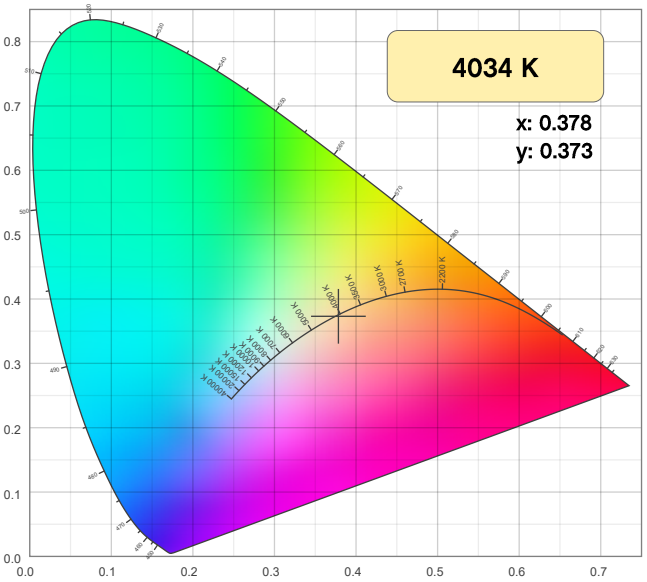
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Chromaticity Report

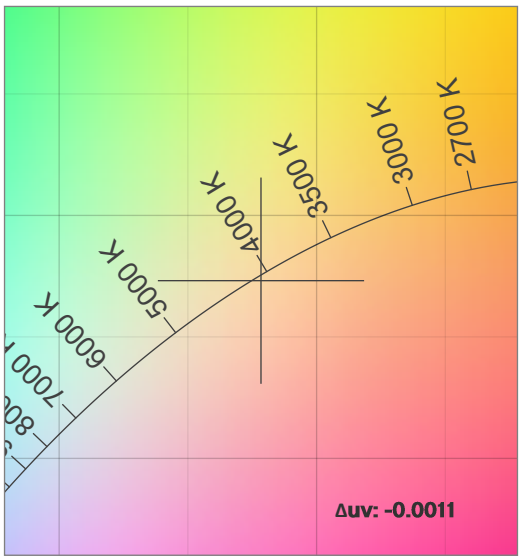
WELL Panel: 4000K

Chromaticity

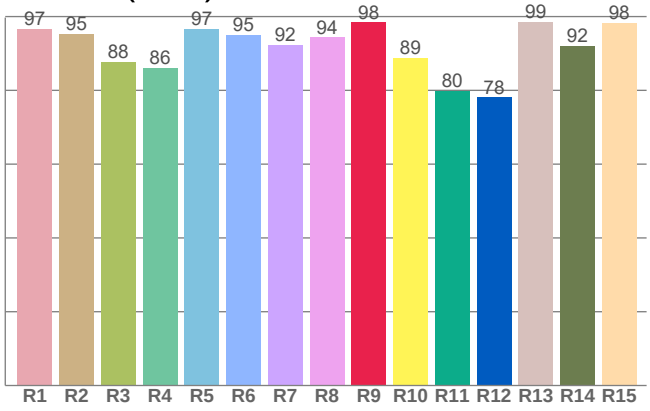
CIE 1931



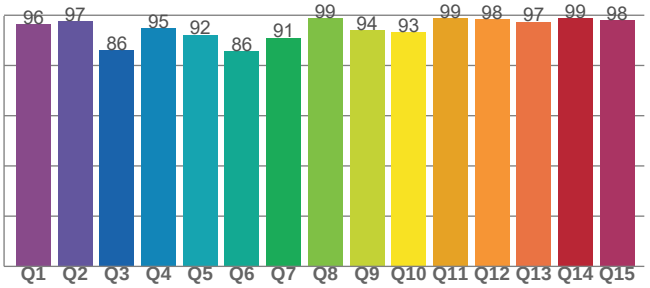
CIE 1931 - Zoom



CRI: 93.0 (R1-R8)



CQS: 93.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4034 K	0.378	0.373

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0011	0.373	0.225

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.0	98.4	93.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
82	89.9	106.4

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Chromaticity Report

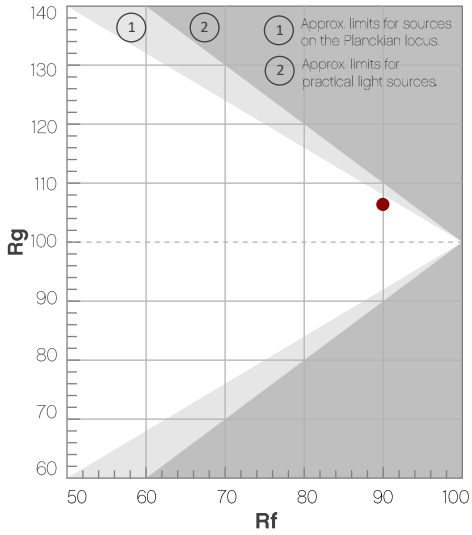
WELL Panel: 4000K

TM-30-18 Details

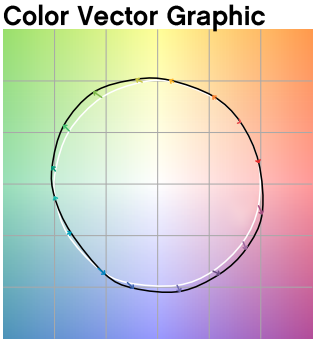
Rf 89.9
Fidelity Index (Rg)

Rg 106.4
Gamut Index (Rg)

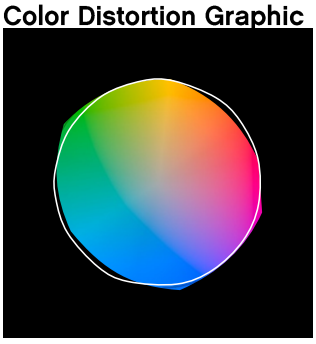
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	85	9%	3%
7	88	7%	-1%
8	90	4%	-3%
9	93	1%	-3%
10	92	-4%	0%
11	86	1%	8%
12	85	4%	7%
13	90	6%	2%
14	90	6%	4%
15	88	6%	-4%
16	86	5%	-7%



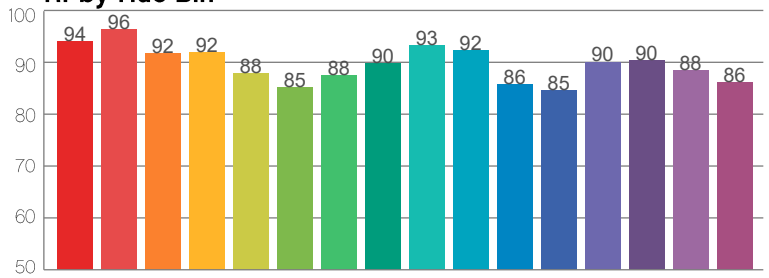
Color Vector Graphic



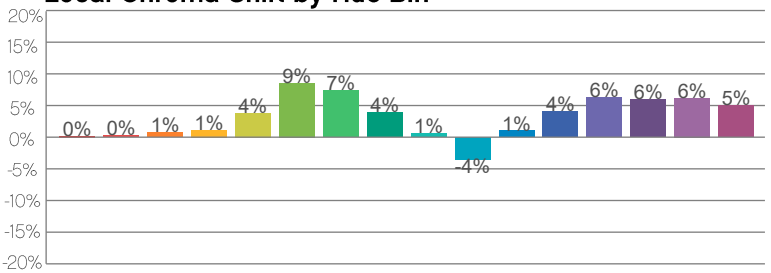
Color Distortion Graphic



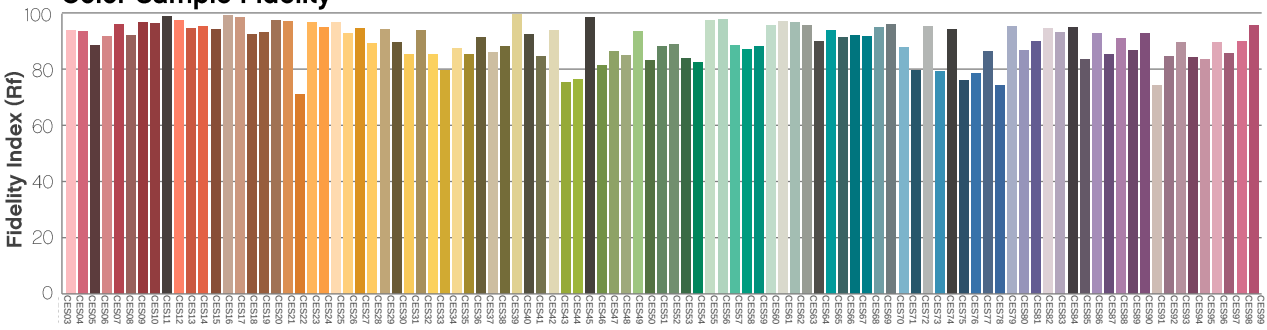
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K Only

Report Summary

Measurements

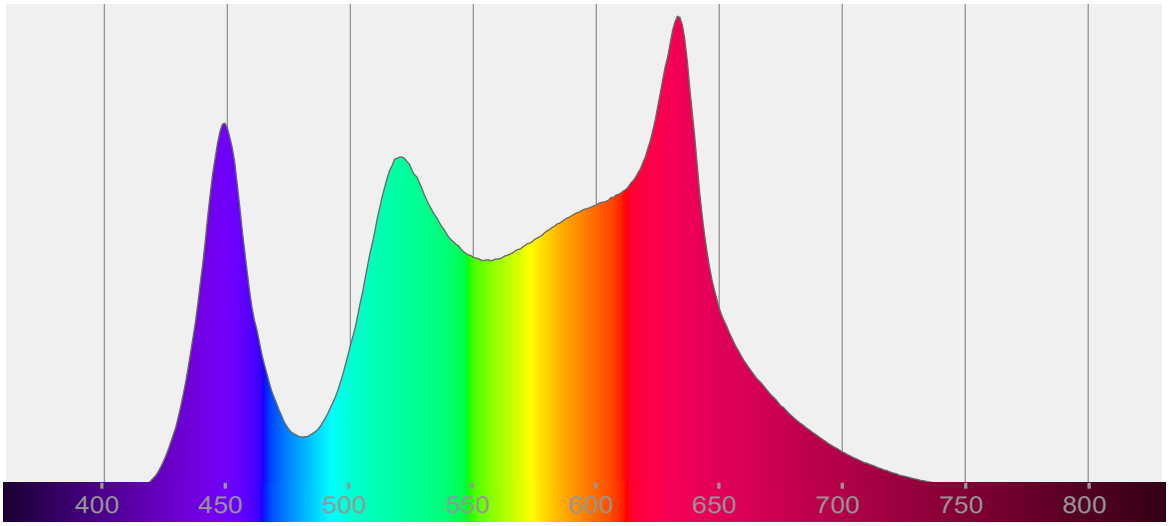
Total Lumens: 2531 lm
Peak Intensity: 7616 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3981K
Δuv: -0.0010

CRI: 92.8 CRI R9 Value: 97.7
CQS: 93.1
TLCI: 80
TM-30-18 Rf: 89.7
TM-30-18 Rg: 106.7
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

3981 K
CIE 1931 Coordinates:
X: 0.381 Y: 0.375

Color Temperature

3981 K

Light Quality

CRI: 92.8

Notes:

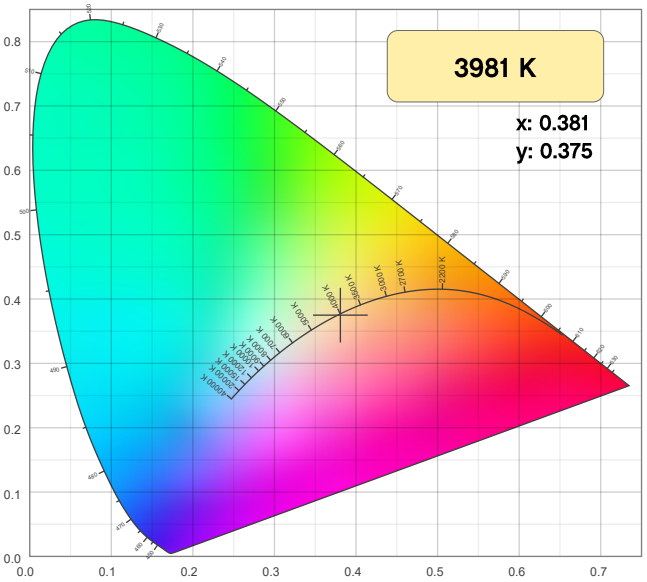
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Chromaticity Report

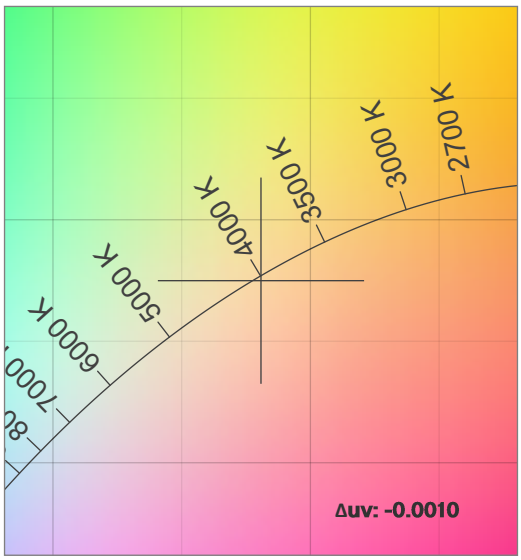
WELL Panel: 4000K Only

Chromaticity

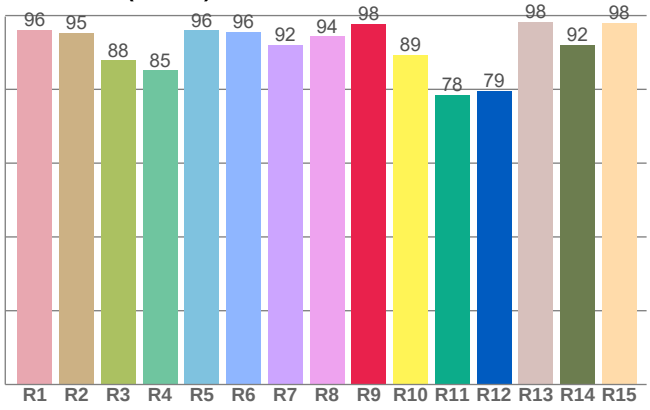
CIE 1931



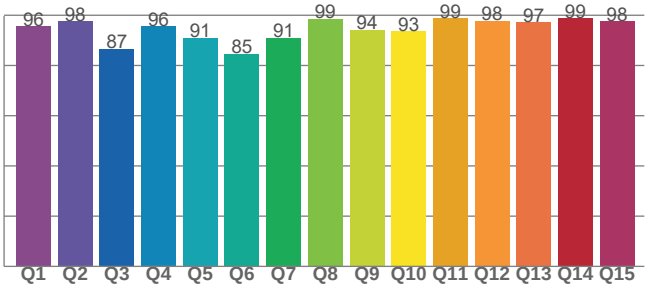
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3981 K	0.381	0.375

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0010	0.375	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	97.7	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
80	89.7	106.7

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Chromaticity Report

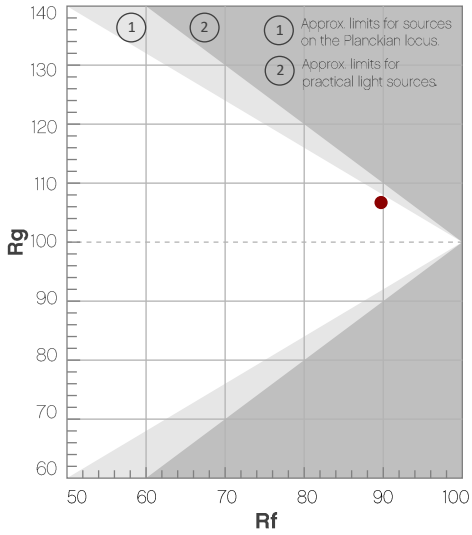
WELL Panel: 4000K Only

TM-30-18 Details

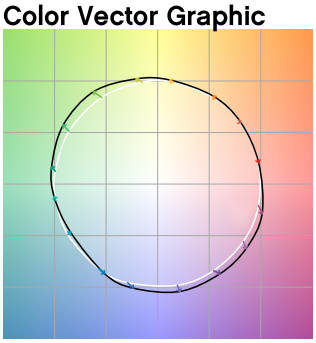
Rf 89.7
Fidelity Index (Rg)

Rg 106.7
Gamut Index (Rg)

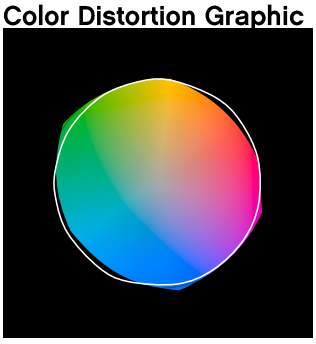
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	4%	-4%
9	93	1%	-4%
10	92	-4%	0%
11	87	1%	8%
12	85	4%	6%
13	90	6%	1%
14	90	6%	4%
15	88	6%	-4%
16	86	5%	-7%



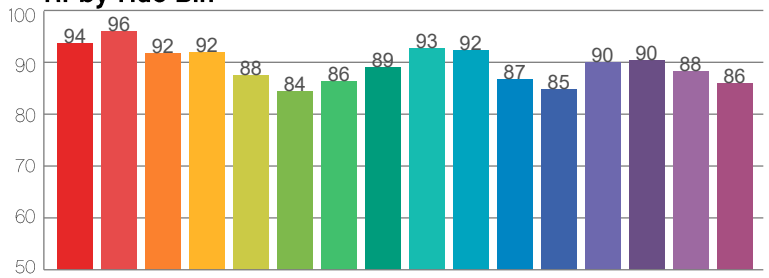
Color Vector Graphic



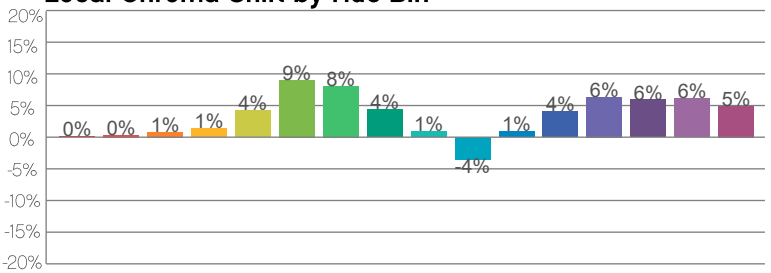
Color Distortion Graphic



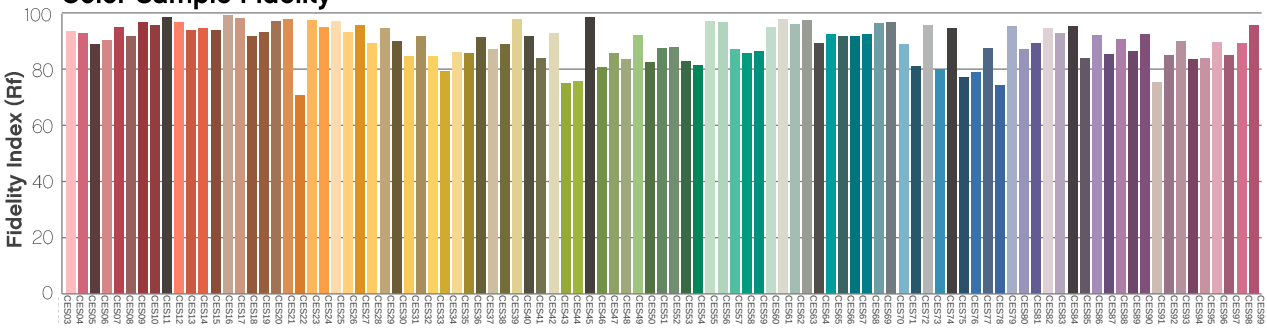
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

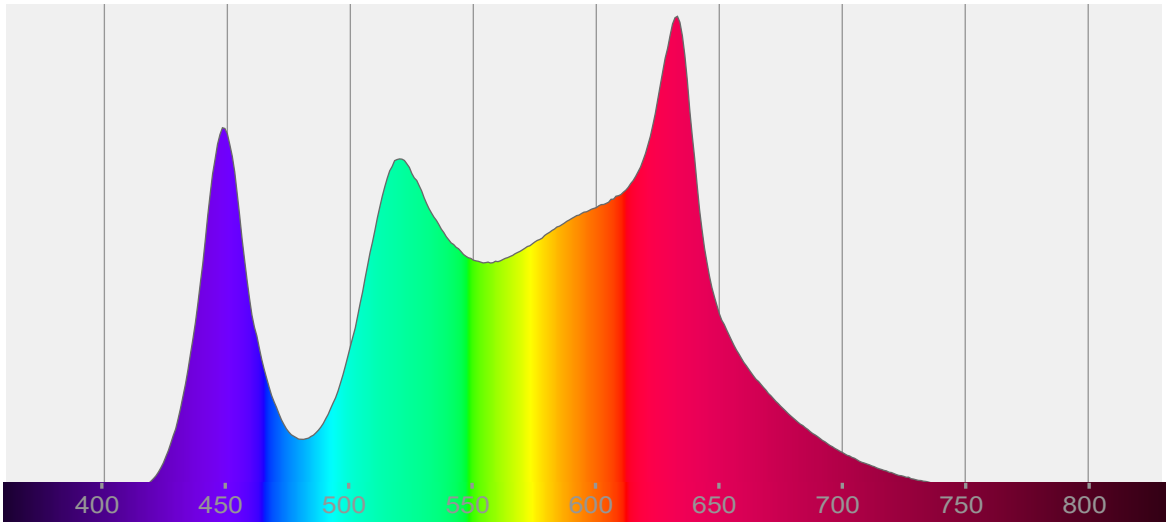
Total Lumens: 1350 lm
Peak Intensity: 5031 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3965K
Δuv: -0.0008

CRI: 92.8 CRI R9 Value: 96.9
CQS: 93.0
TLCI: 79
TM-30-18 Rf: 89.6
TM-30-18 Rg: 106.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3965 K
CIE 1931 Coordinates:
X: 0.382 Y: 0.376

Color Temperature

3965 K

Light Quality

CRI: 92.8

Notes:

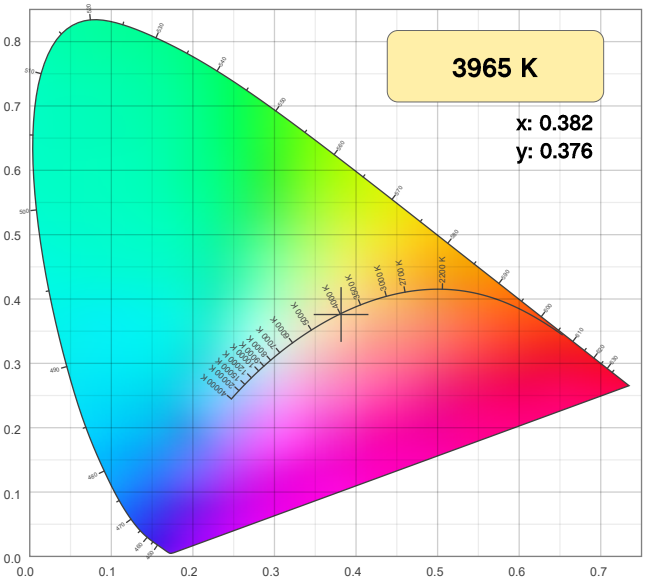
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Chromaticity Report

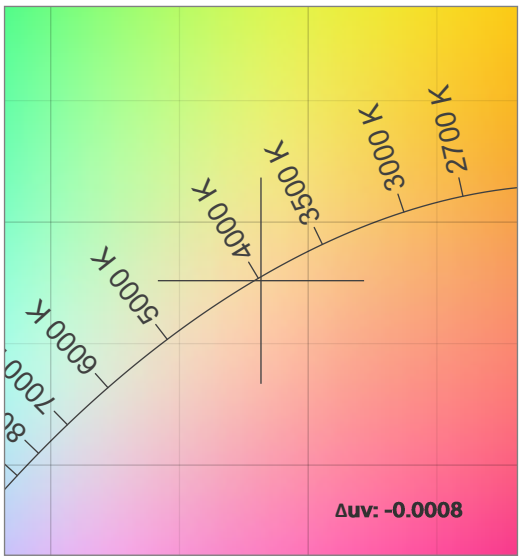
WELL Panel: 4000K

Chromaticity

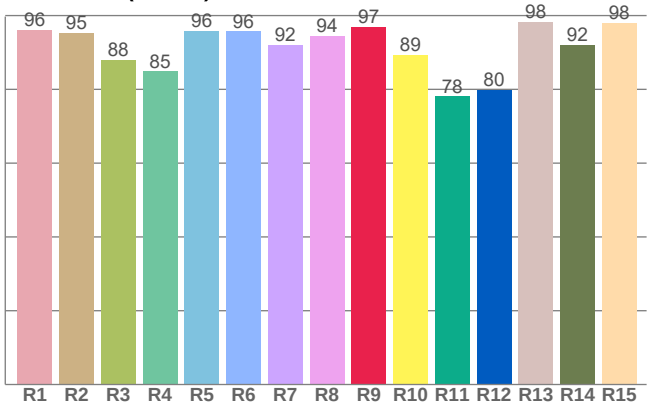
CIE 1931



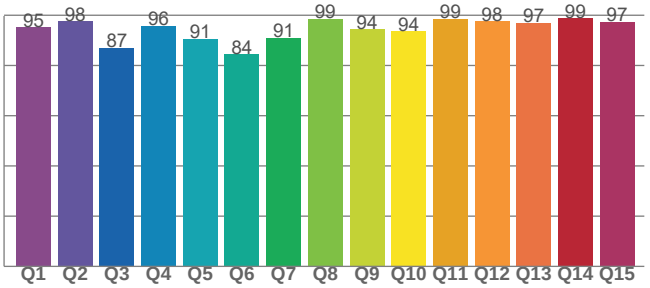
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3965 K	0.382	0.376

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0008	0.376	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	96.9	93.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.6	106.8

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Chromaticity Report

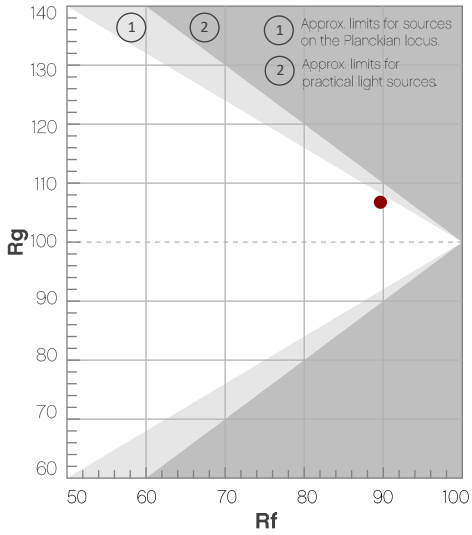
WELL Panel: 4000K

TM-30-18 Details

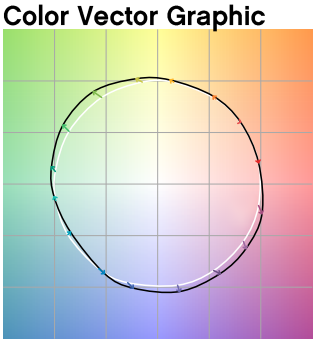
Rf 89.6
Fidelity Index (Rg)

Rg 106.8
Gamut Index (Rg)

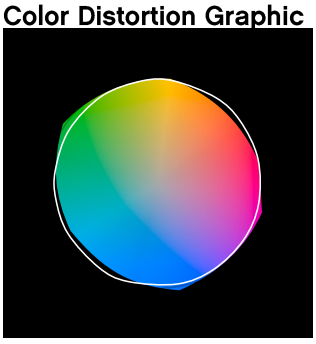
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	87	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	5%	-4%
9	92	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	1%
14	91	6%	4%
15	88	6%	-4%
16	86	5%	-7%



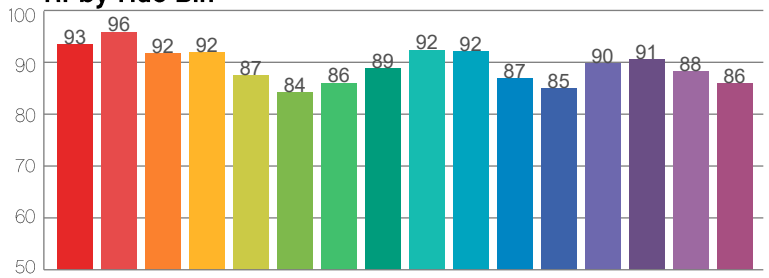
Color Vector Graphic



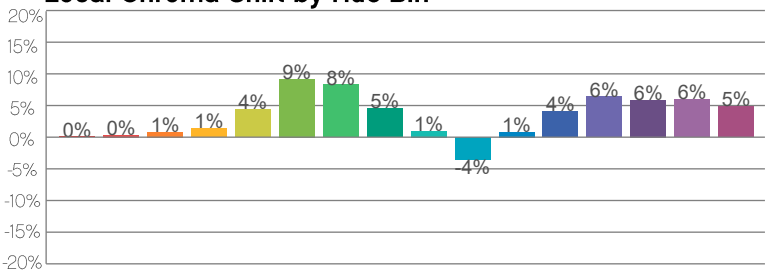
Color Distortion Graphic



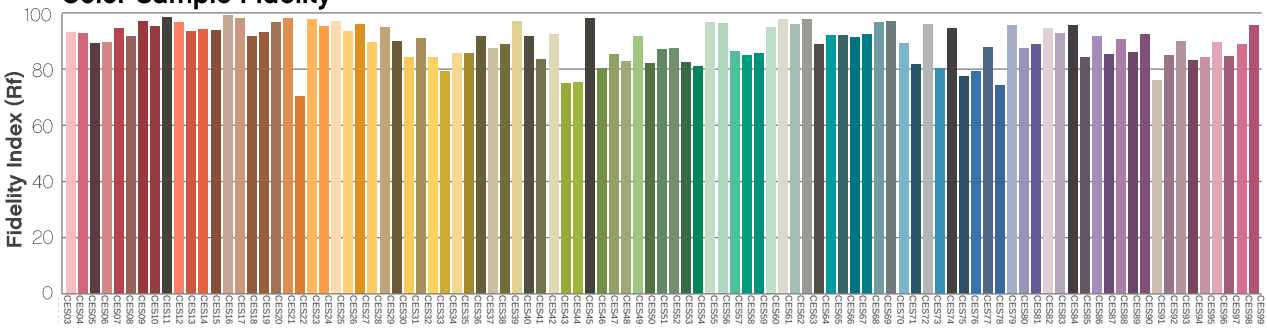
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K Only

Report Summary

Measurements

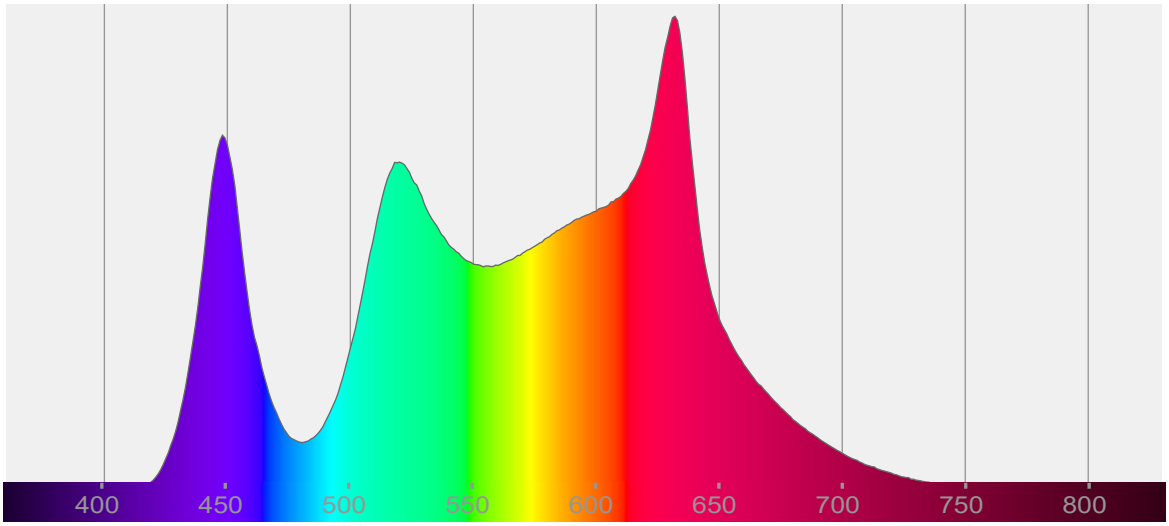
Total Lumens: 958 lm
Peak Intensity: 2833 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3931K
Δuv: -0.0005

CRI: 92.8 CRI R9 Value: 95.6
CQS: 92.9
TLCI: 78
TM-30-18 Rf: 89.6
TM-30-18 Rg: 106.8
1st Dominant Wavelength: 632 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3931 K
CIE 1931 Coordinates:
X: 0.383 Y: 0.378

Color Temperature

3931 K

Light Quality

CRI: 92.8

Notes:

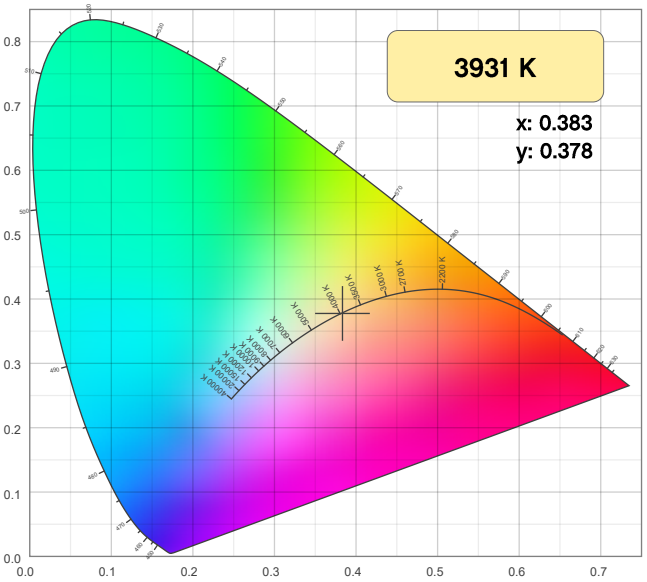
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Chromaticity Report

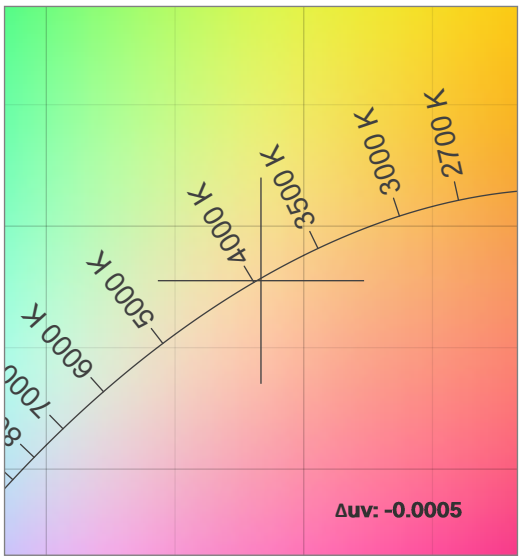
WELL Panel: 4000K Only

Chromaticity

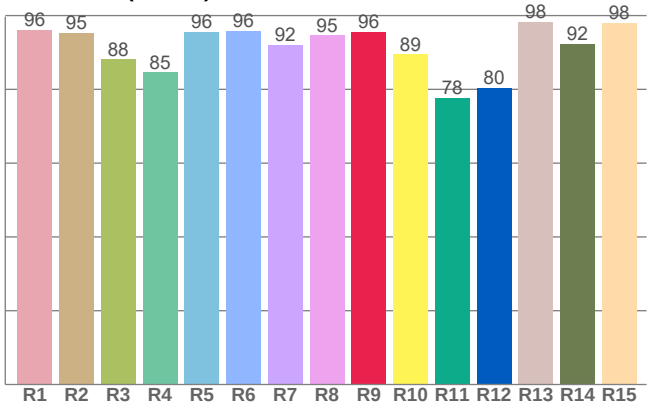
CIE 1931



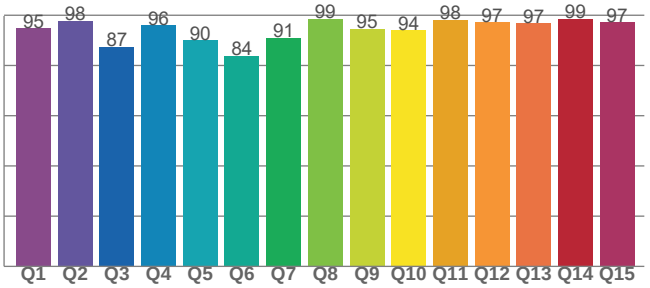
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 92.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3931 K	0.383	0.378

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0005	0.378	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	95.6	92.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
78	89.6	106.8

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Chromaticity Report

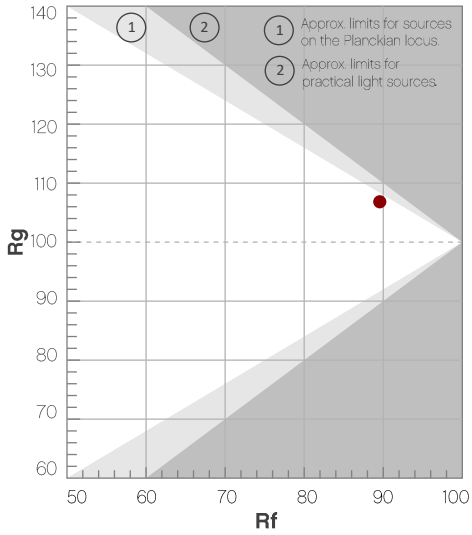
WELL Panel: 4000K Only

TM-30-18 Details

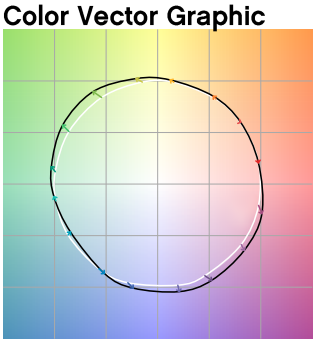
Rf 89.6
Fidelity Index (Rg)

Rg 106.8
Gamut Index (Rg)

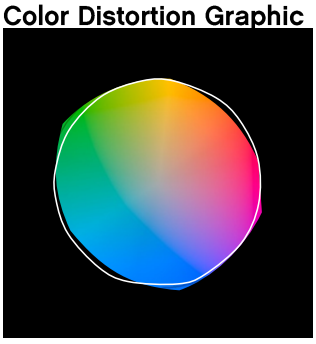
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	87	5%	5%
6	84	9%	4%
7	86	9%	-2%
8	88	5%	-4%
9	92	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	0%
14	91	7%	3%
15	89	6%	-3%
16	86	5%	-7%



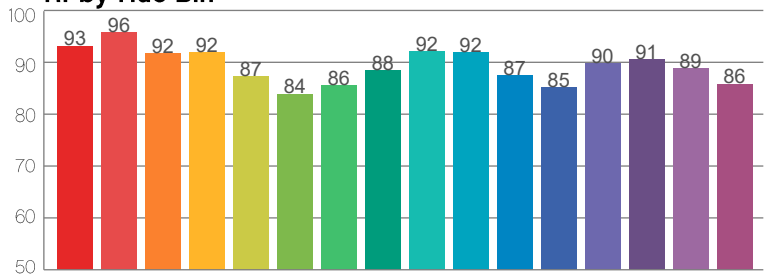
Color Vector Graphic



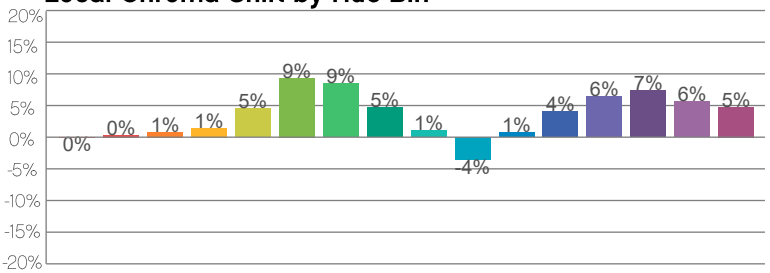
Color Distortion Graphic



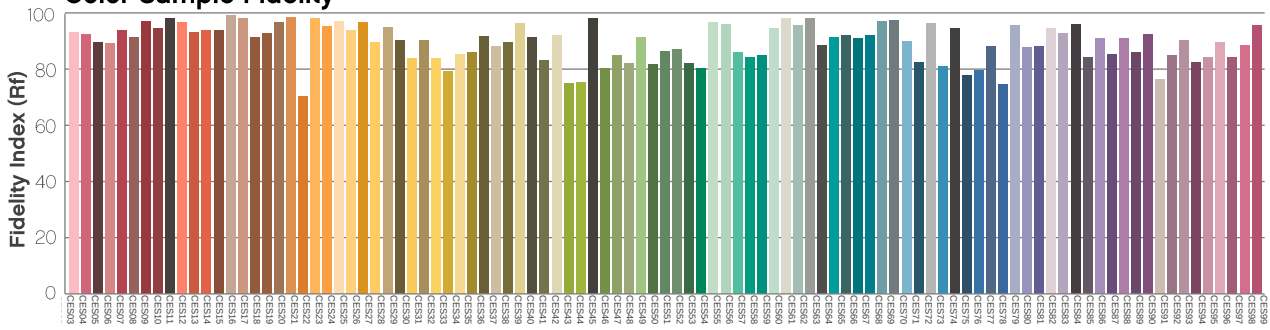
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

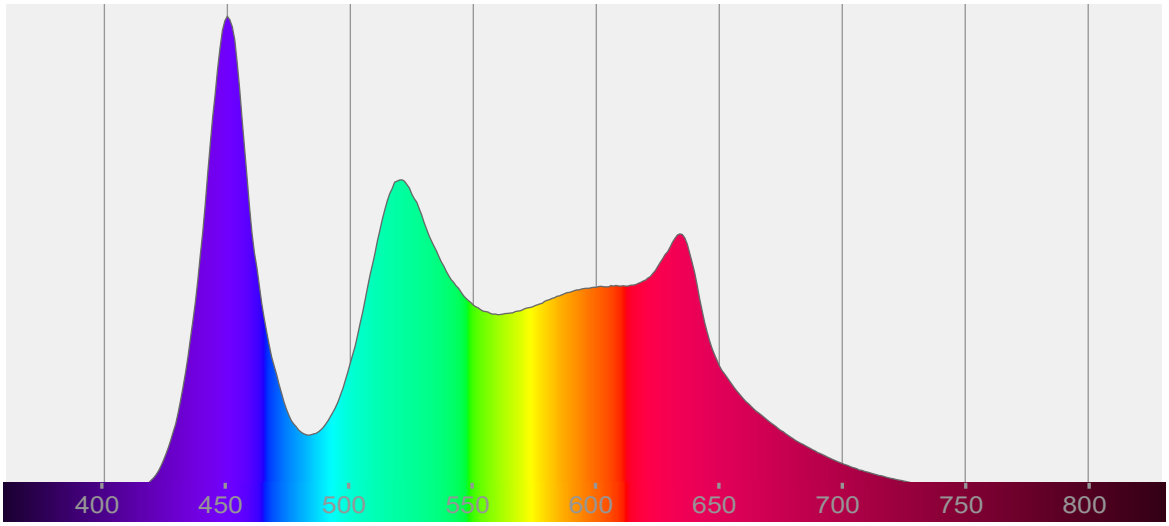
Total Lumens: 5035 lm
Peak Intensity: 17077 cd
Fixture Efficacy: 13 lm/W

Correlated Color Temperature: 5725K
Δuv: -0.0043

CRI: 91.0 CRI R9 Value: 98.0
CQS: 91.7
TLCI: 85
TM-30-18 Rf: 87.7
TM-30-18 Rg: 107.2
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5725 K
CIE 1931 Coordinates:
X: 0.328 Y: 0.335

Color Temperature

5725 K

Light Quality

CRI: 91.0

Notes:

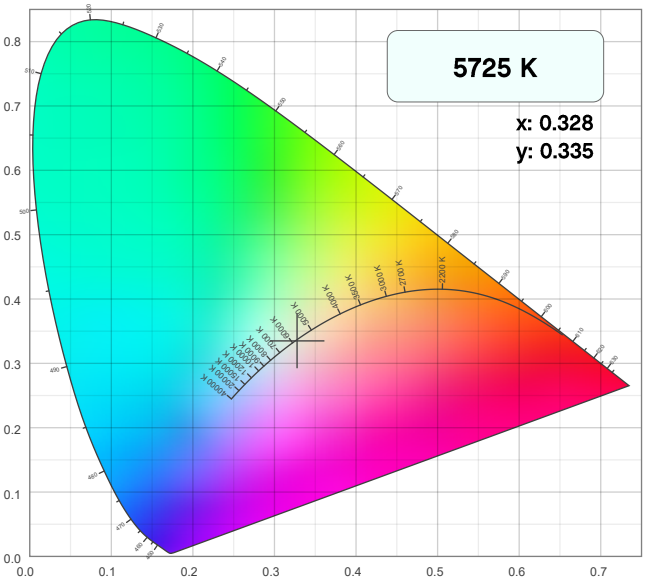
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Chromaticity Report

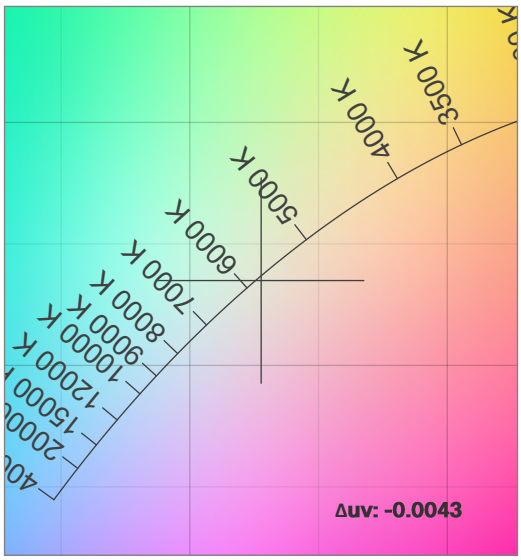
WELL Panel: 5600K

Chromaticity

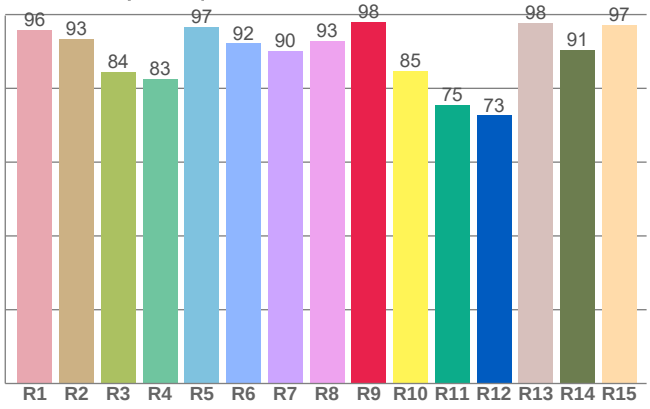
CIE 1931



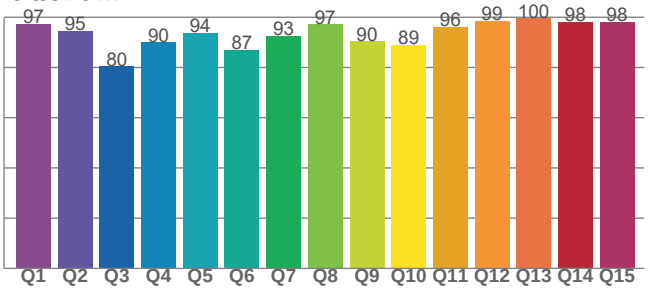
CIE 1931 - Zoom



CRI: 91.0 (R1-R8)



CQS: 91.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5725 K	0.328	0.335

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0043	0.335	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.0	98.0	91.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
85	87.7	107.2

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Chromaticity Report

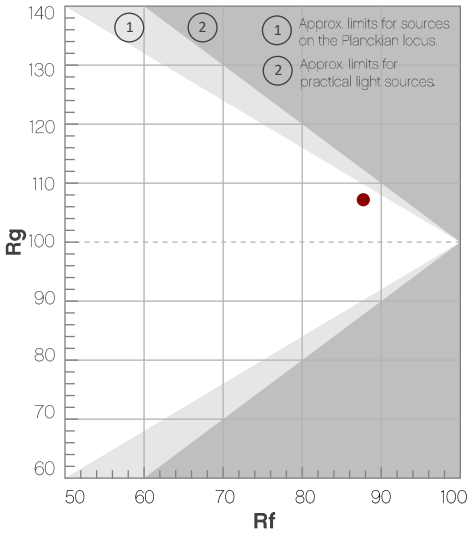
WELL Panel: 5600K

TM-30-18 Details

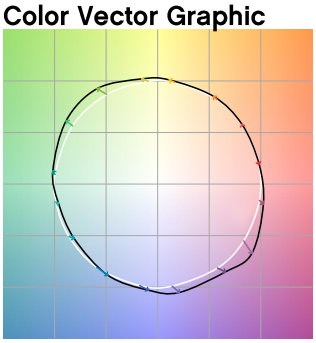
Rf 87.7
Fidelity Index (Rg)

Rg 107.2
Gamut Index (Rg)

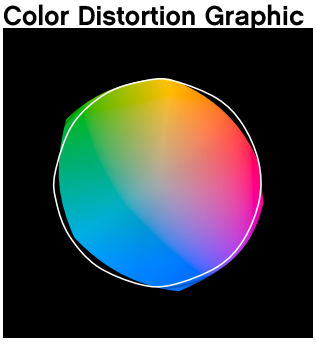
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	5%
4	89	1%	6%
5	85	4%	6%
6	84	10%	5%
7	87	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	90	-3%	4%
11	77	0%	13%
12	85	3%	9%
13	88	7%	6%
14	84	7%	4%
15	82	13%	-6%
16	91	4%	-3%



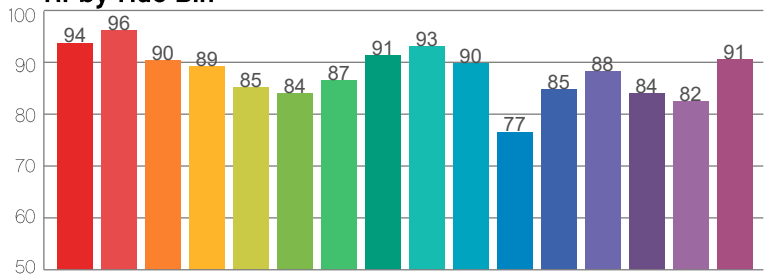
Color Vector Graphic



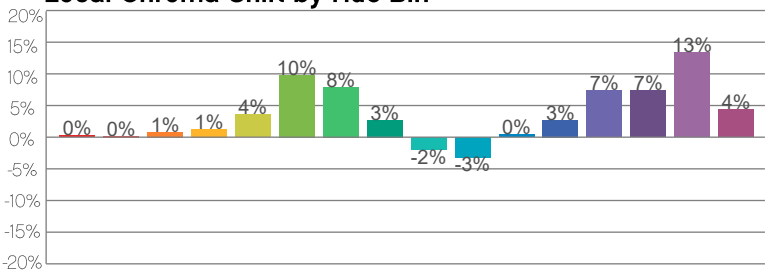
Color Distortion Graphic



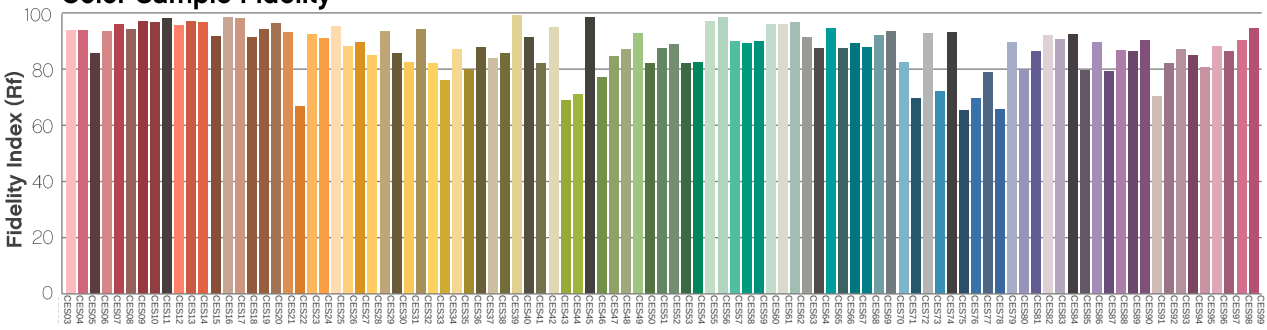
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

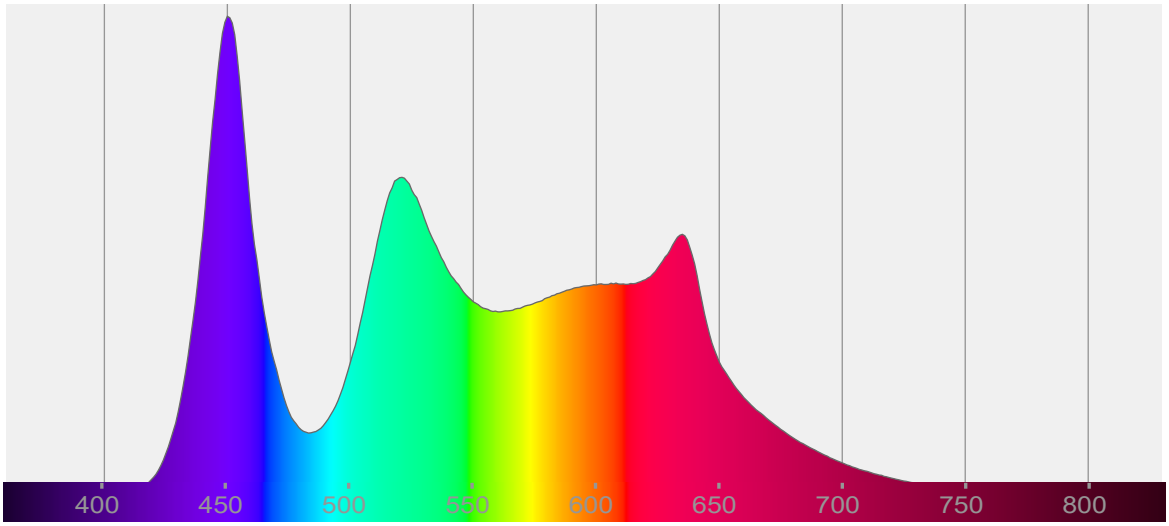
Total Lumens: 5228 lm
Peak Intensity: 15217 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5728K
Δuv: -0.0040

CRI: 91.2 CRI R9 Value: 97.9
CQS: 91.8
TLCI: 86
TM-30-18 Rf: 87.9
TM-30-18 Rg: 106.9
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5728 K
CIE 1931 Coordinates:
X: 0.328 Y: 0.335

Color Temperature

5728 K

Light Quality

CRI: 91.2

Notes:

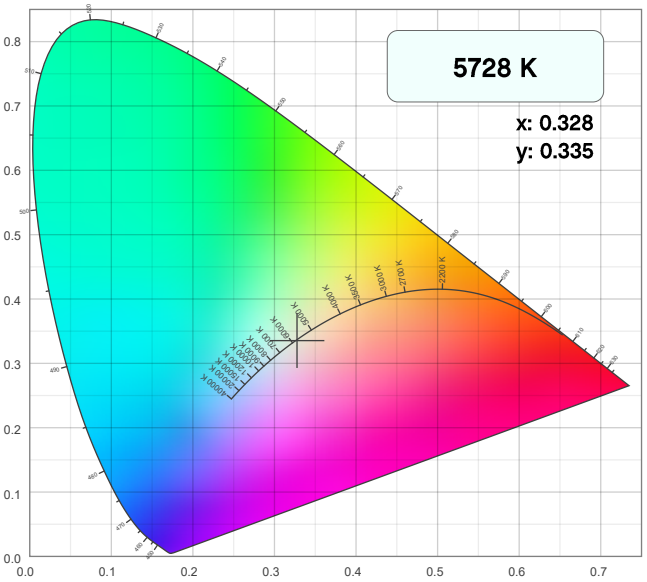
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Chromaticity Report

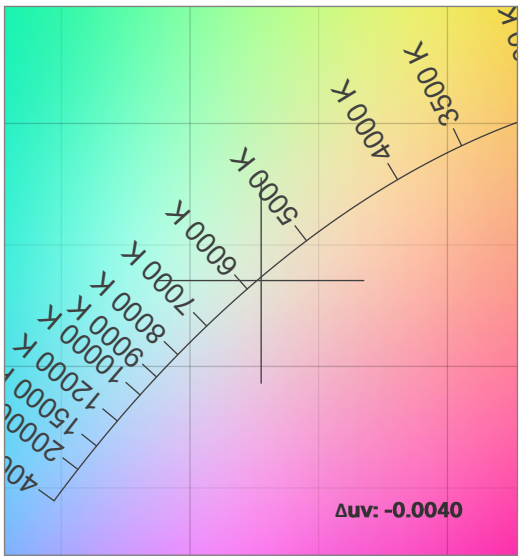
WELL Panel: 5600K

Chromaticity

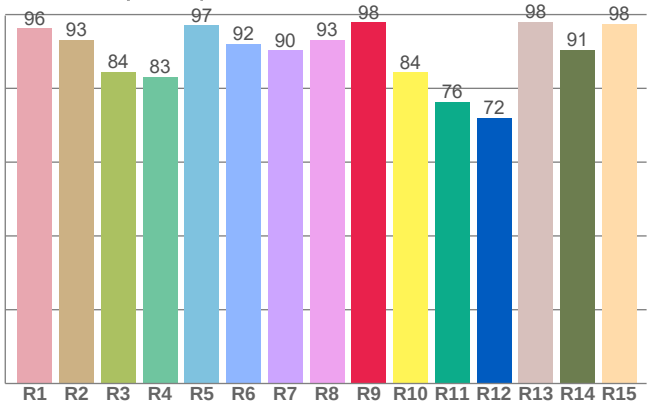
CIE 1931



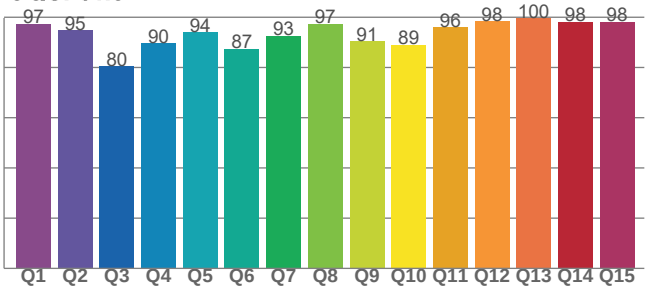
CIE 1931 - Zoom



CRI: 91.2 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5728 K	0.328	0.335

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0040	0.335	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.2	97.9	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
86	87.9	106.9

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Chromaticity Report

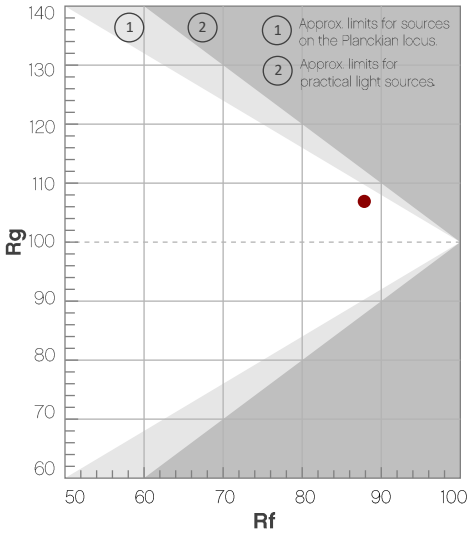
WELL Panel: 5600K

TM-30-18 Details

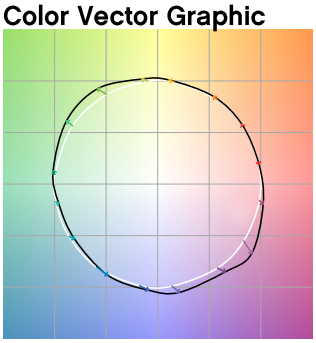
Rf 87.9
Fidelity Index (Rg)

Rg 106.9
Gamut Index (Rg)

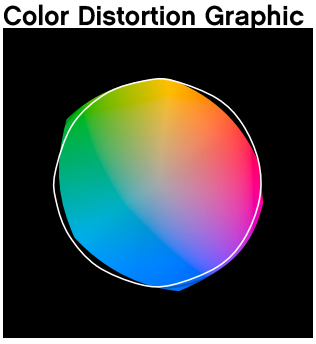
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	4%
4	89	1%	6%
5	85	3%	5%
6	84	10%	4%
7	87	8%	-1%
8	92	2%	-3%
9	93	-2%	0%
10	89	-3%	4%
11	76	0%	13%
12	85	3%	9%
13	88	7%	6%
14	84	7%	4%
15	83	13%	-6%
16	91	4%	-3%



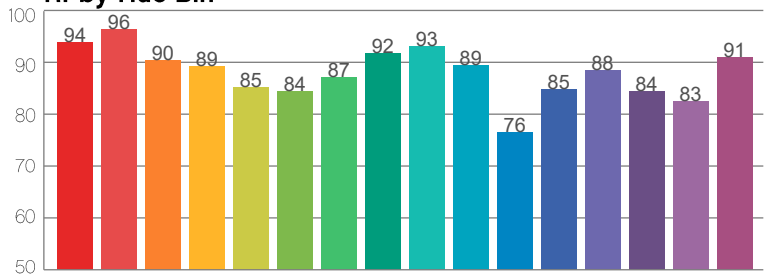
Color Vector Graphic



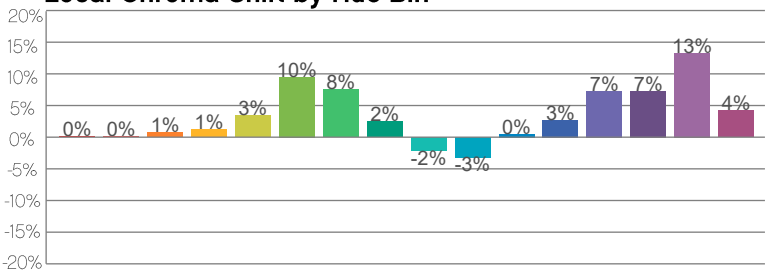
Color Distortion Graphic



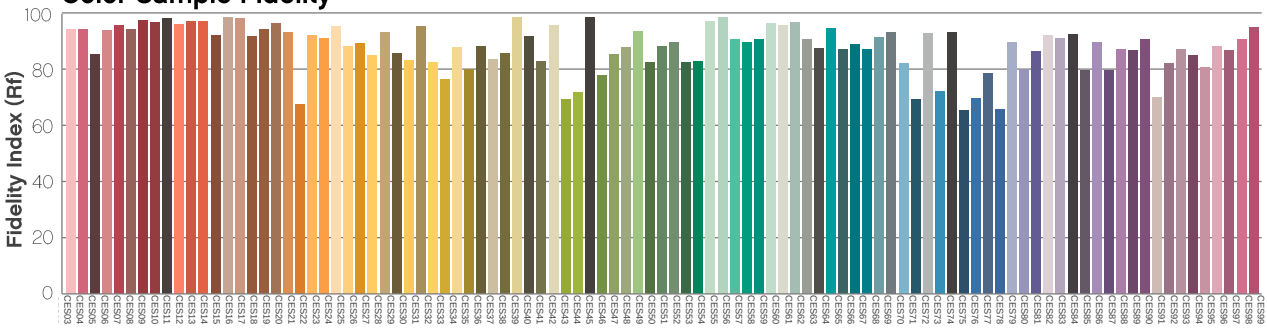
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K Only

Report Summary

Measurements

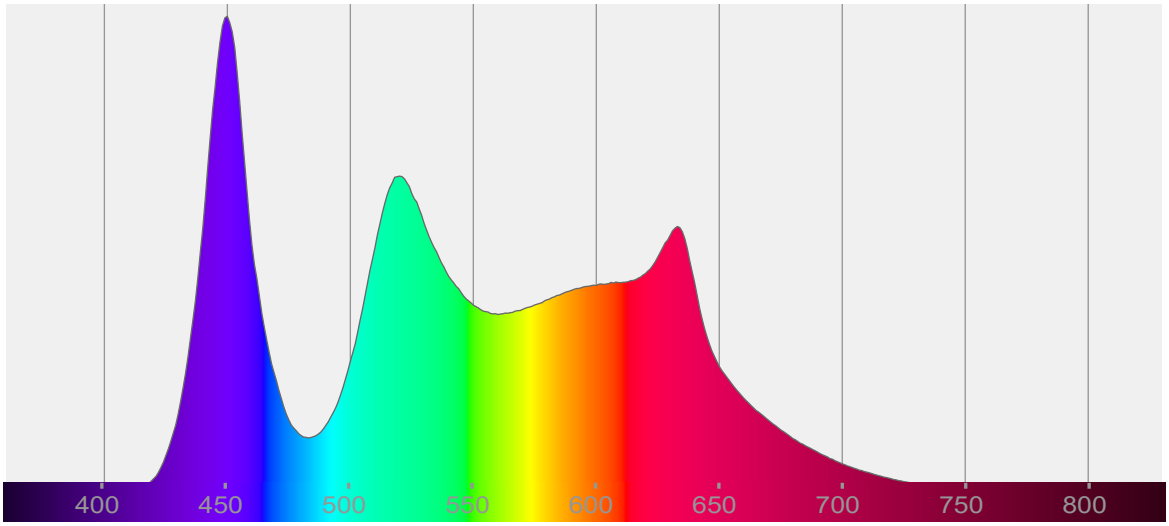
Total Lumens: 2561 lm
Peak Intensity: 8702 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5629K
Δuv: -0.0042

CRI: 90.8 CRI R9 Value: 97.8
CQS: 91.8
TLCI: 84
TM-30-18 Rf: 87.6
TM-30-18 Rg: 107.5
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5629 K
CIE 1931 Coordinates:
X: 0.330 Y: 0.337

Color Temperature

5629 K

Light Quality

CRI: 90.8

Notes:

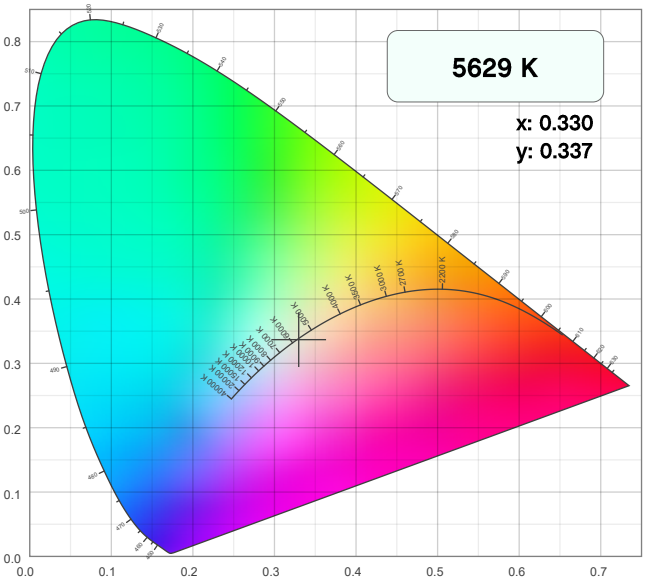
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Chromaticity Report

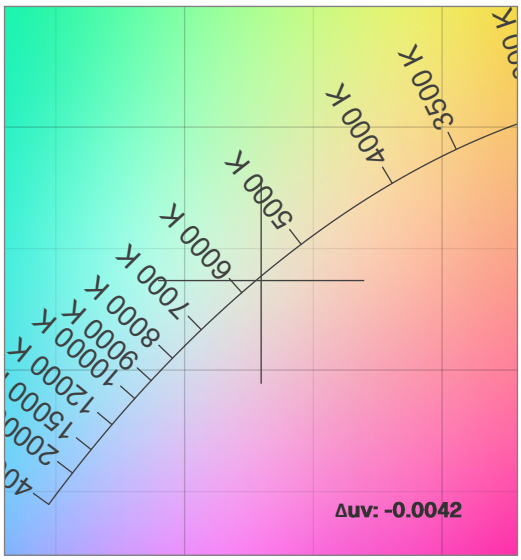
WELL Panel: 5600K Only

Chromaticity

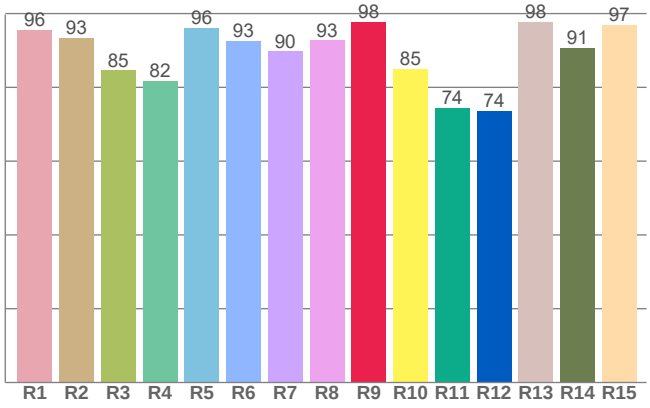
CIE 1931



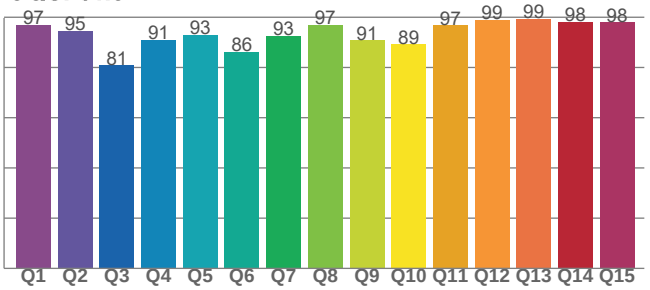
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5629 K	0.330	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.337	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	97.8	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
84	87.6	107.5

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Chromaticity Report

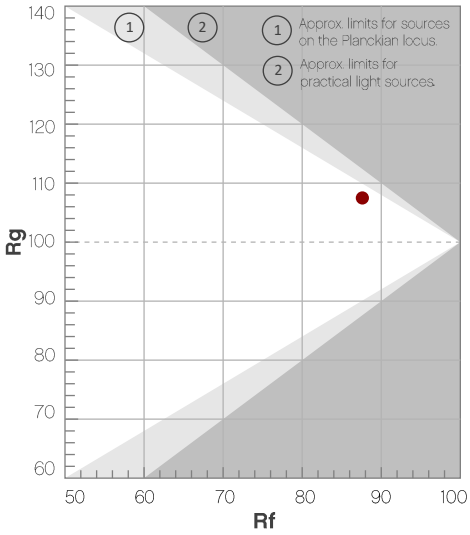
WELL Panel: 5600K Only

TM-30-18 Details

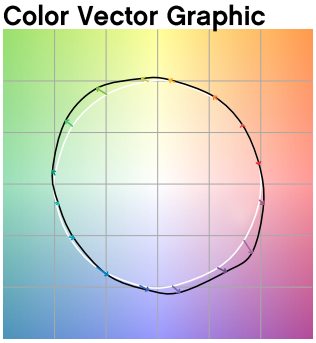
Rf 87.6
Fidelity Index (Rg)

Rg 107.5
Gamut Index (Rg)

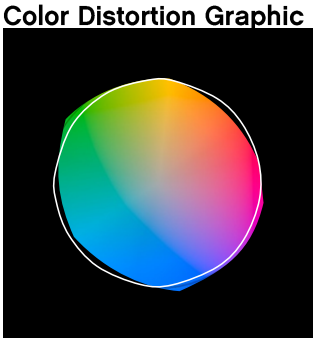
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	1%	6%
5	85	4%	6%
6	83	10%	5%
7	86	8%	-1%
8	91	3%	-3%
9	93	-2%	-2%
10	91	-3%	3%
11	77	0%	13%
12	85	3%	9%
13	88	7%	5%
14	84	8%	4%
15	83	13%	-6%
16	90	5%	-3%



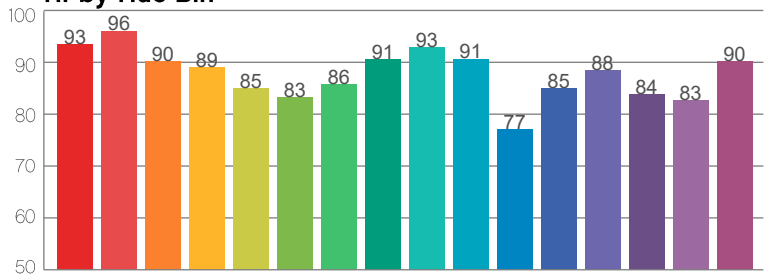
Color Vector Graphic



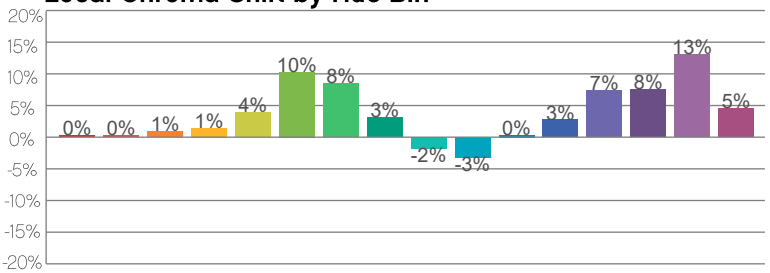
Color Distortion Graphic



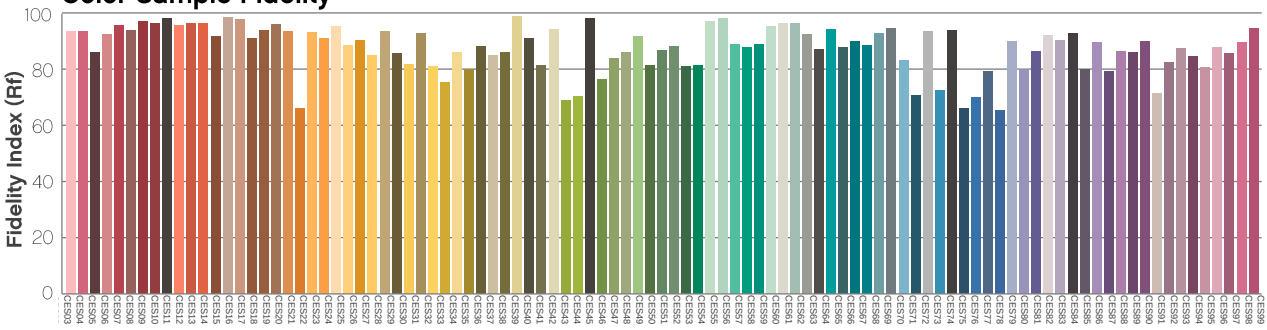
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

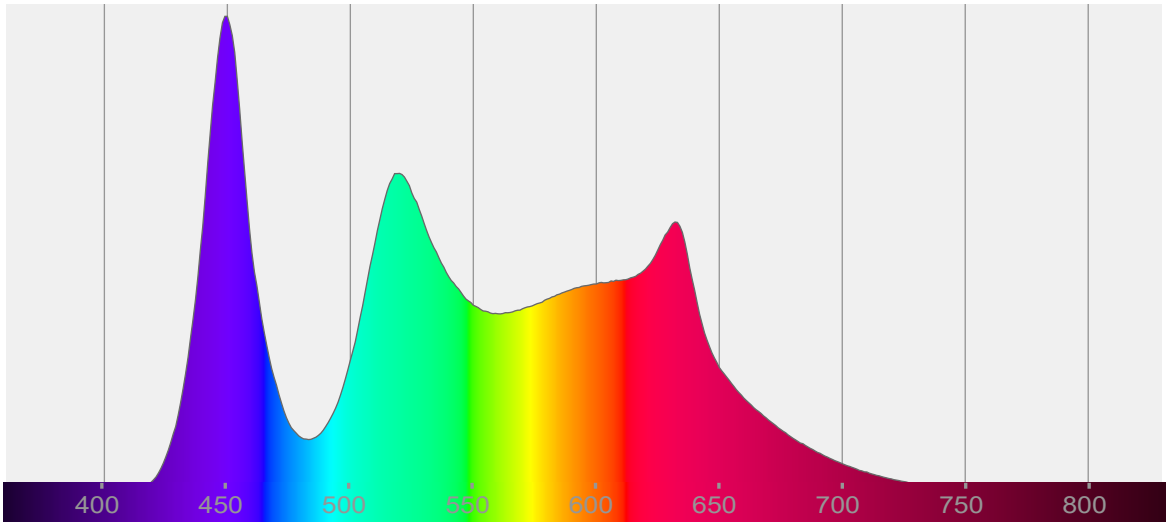
Total Lumens: 1527 lm
Peak Intensity: 5121 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5572K
Δuv: -0.0041

CRI: 90.8 CRI R9 Value: 97.4
CQS: 91.8
TLCI: 83
TM-30-18 Rf: 87.5
TM-30-18 Rg: 107.6
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5572 K
CIE 1931 Coordinates:
X: 0.331 Y: 0.338

Color Temperature

5572 K

Light Quality

CRI: 90.8

Notes:

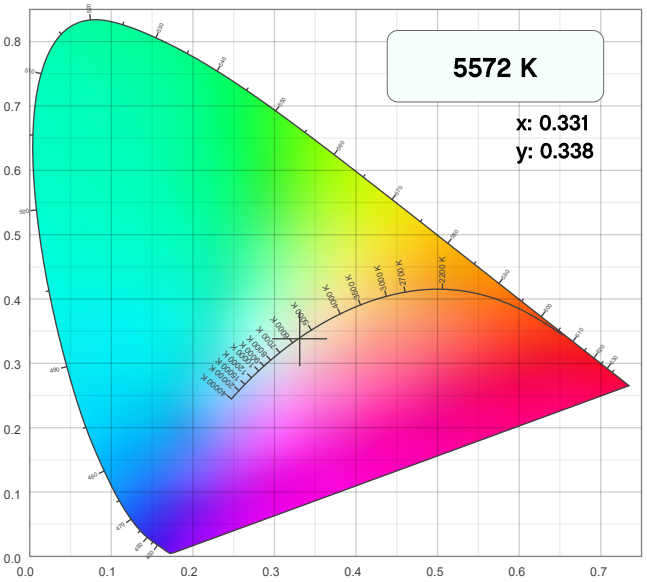
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Chromaticity Report

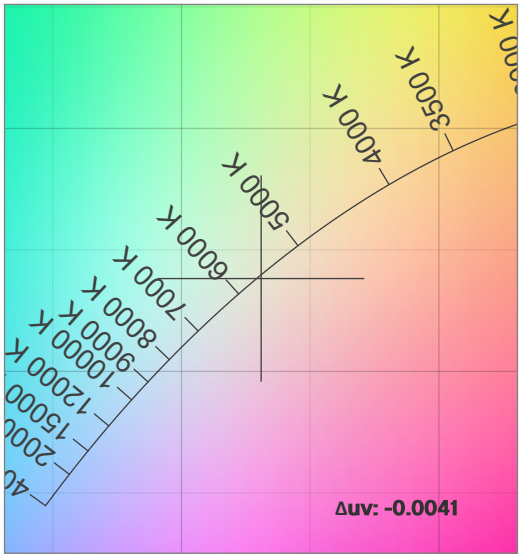
WELL Panel: 5600K

Chromaticity

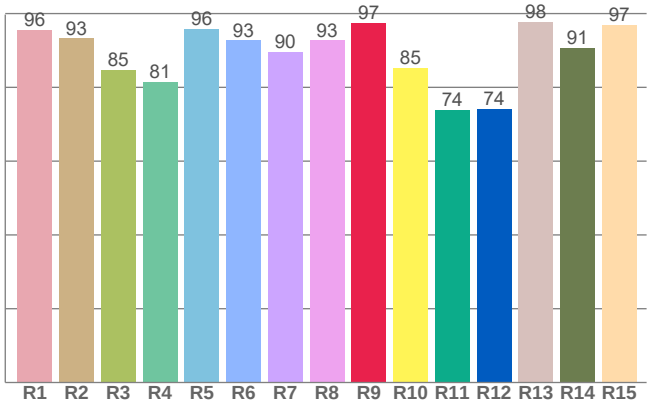
CIE 1931



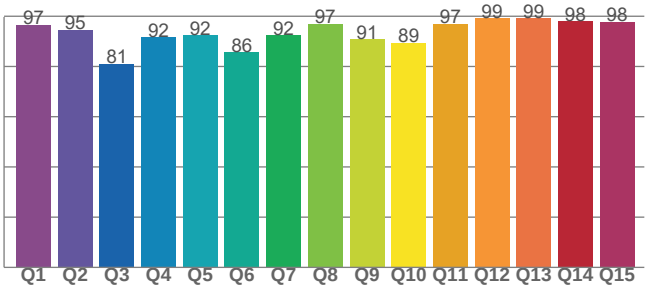
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5572 K	0.331	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.338	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	97.4	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
83	87.5	107.6

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Chromaticity Report

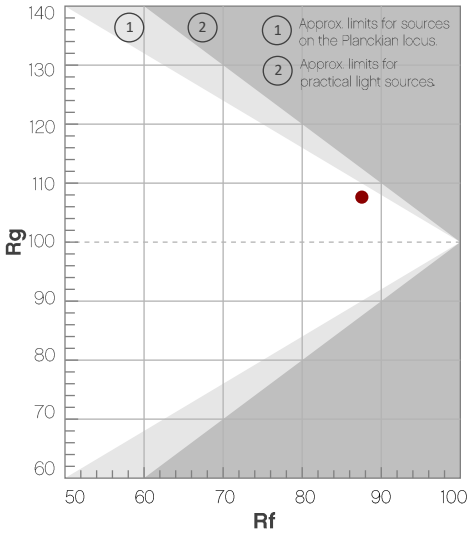
WELL Panel: 5600K

TM-30-18 Details

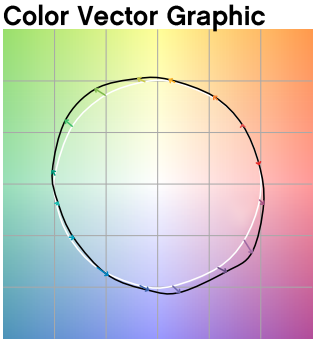
Rf 87.5
Fidelity Index (Rg)

Rg 107.6
Gamut Index (Rg)

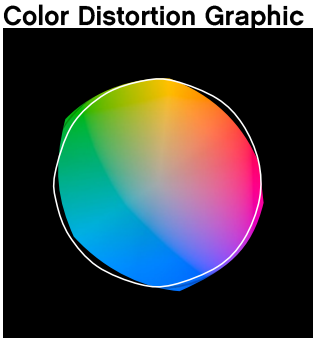
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	2%	6%
5	86	4%	6%
6	82	10%	5%
7	85	9%	-1%
8	90	3%	-4%
9	93	-2%	-2%
10	91	-3%	3%
11	77	0%	13%
12	85	3%	9%
13	89	7%	5%
14	84	8%	4%
15	83	13%	-6%
16	90	5%	-3%



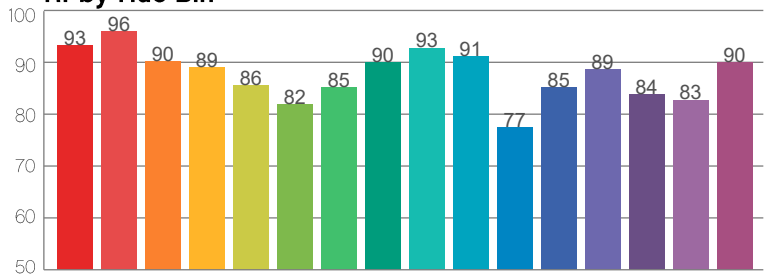
Color Vector Graphic



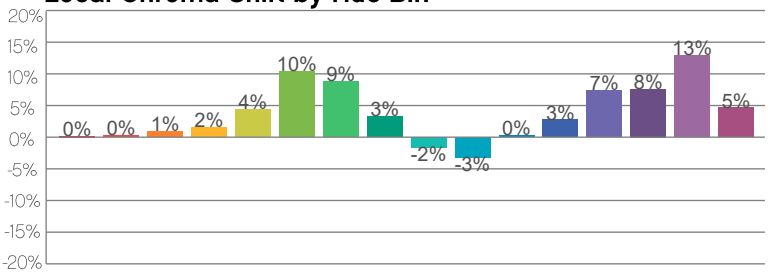
Color Distortion Graphic



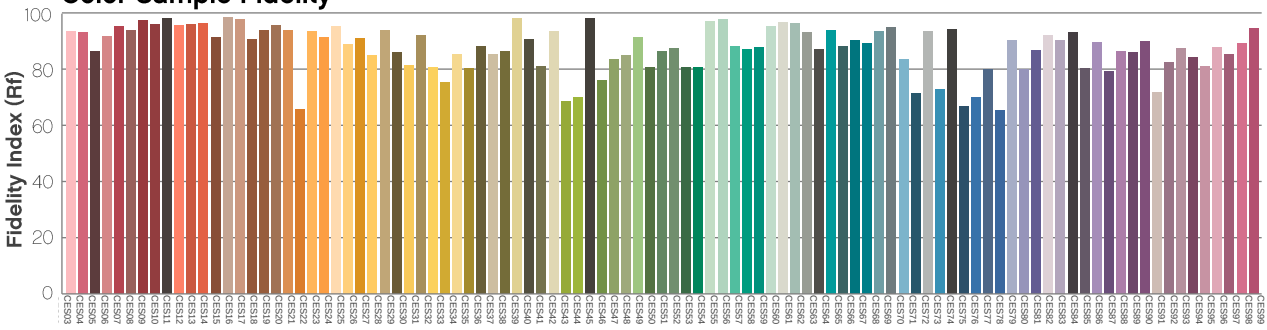
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K Only

Report Summary

Measurements

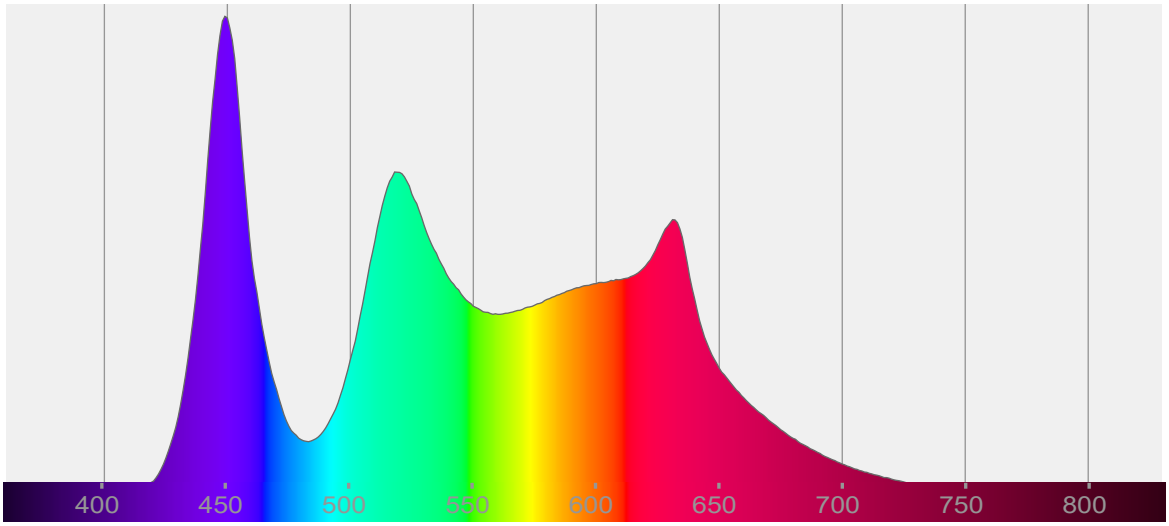
Total Lumens: 1013 lm
Peak Intensity: 3305 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5532K
Δuv: -0.0039

CRI: 90.7 CRI R9 Value: 96.7
CQS: 91.8
TLCI: 82
TM-30-18 Rf: 87.5
TM-30-18 Rg: 107.7
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 518 nM



Spectral Distribution



Tested Color

5532 K
CIE 1931 Coordinates:
X: 0.332 Y: 0.339

Color Temperature

5532 K

Light Quality

CRI: 90.7

Notes:

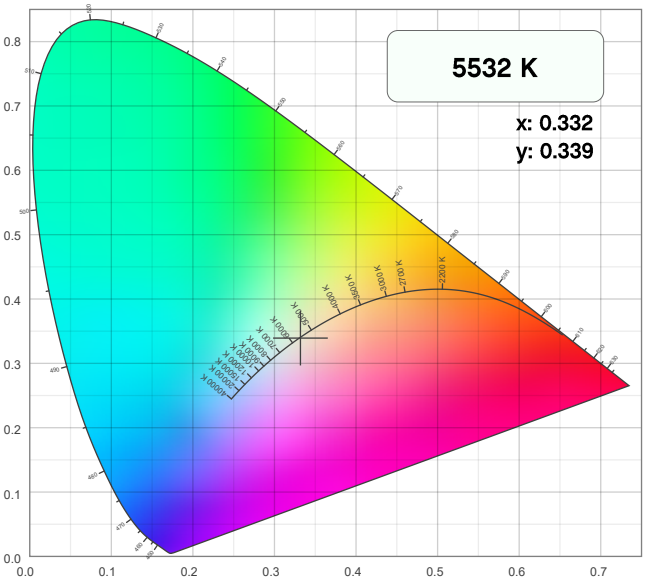
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Chromaticity Report

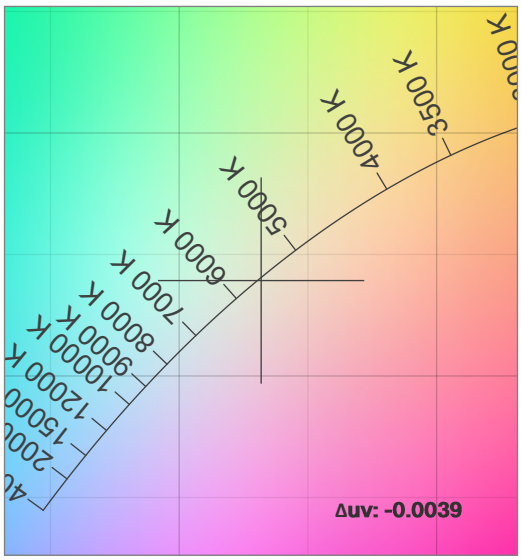
WELL Panel: 5600K Only

Chromaticity

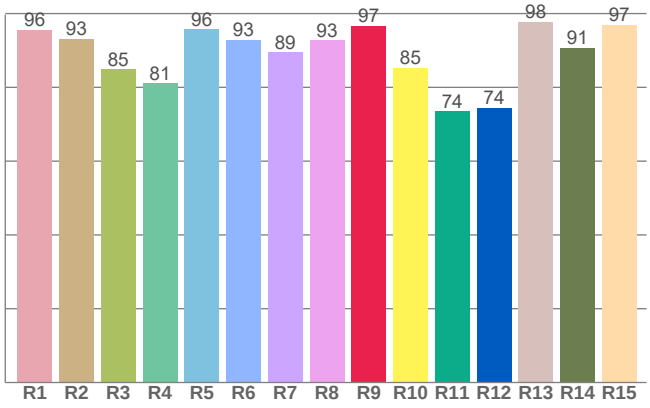
CIE 1931



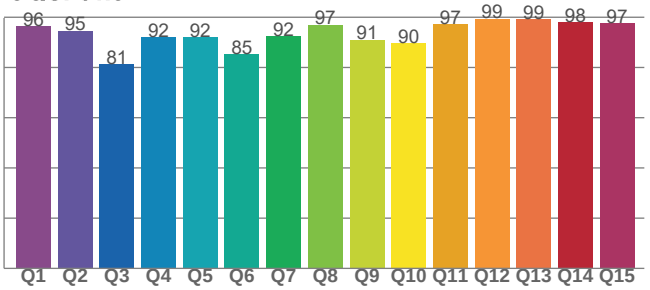
CIE 1931 - Zoom



CRI: 90.7 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5532 K	0.332	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.339	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.7	96.7	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
82	87.5	107.7

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Chromaticity Report

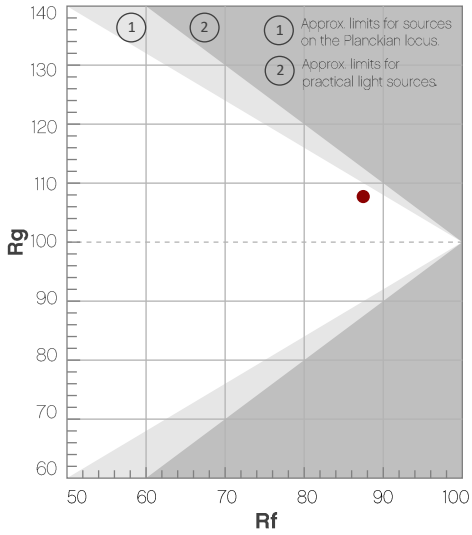
WELL Panel: 5600K Only

TM-30-18 Details

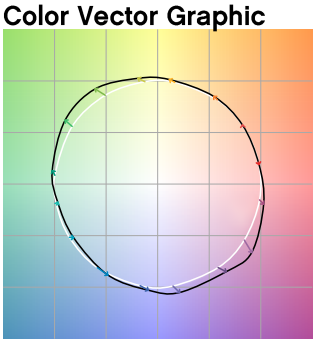
Rf 87.5
Fidelity Index (Rg)

Rg 107.7
Gamut Index (Rg)

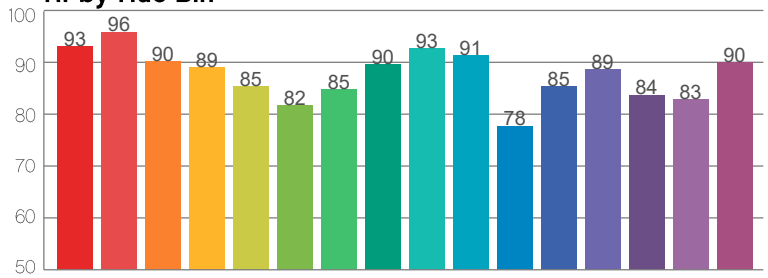
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	2%	6%
5	85	5%	6%
6	82	11%	5%
7	85	9%	-1%
8	90	3%	-4%
9	93	-2%	-3%
10	91	-3%	3%
11	78	0%	12%
12	85	3%	9%
13	89	7%	5%
14	84	8%	4%
15	83	13%	-6%
16	90	5%	-3%



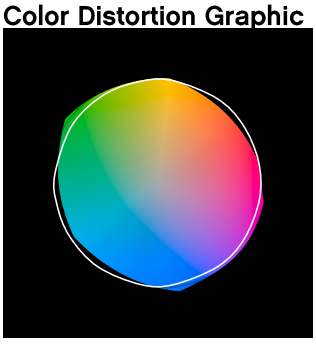
Color Vector Graphic



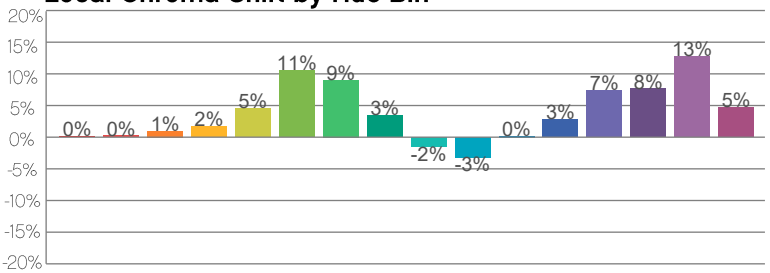
Rf by Hue Bin



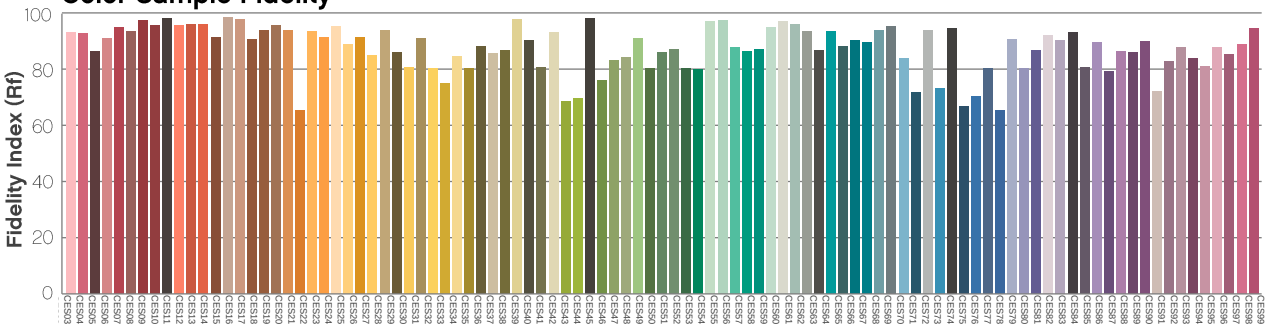
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

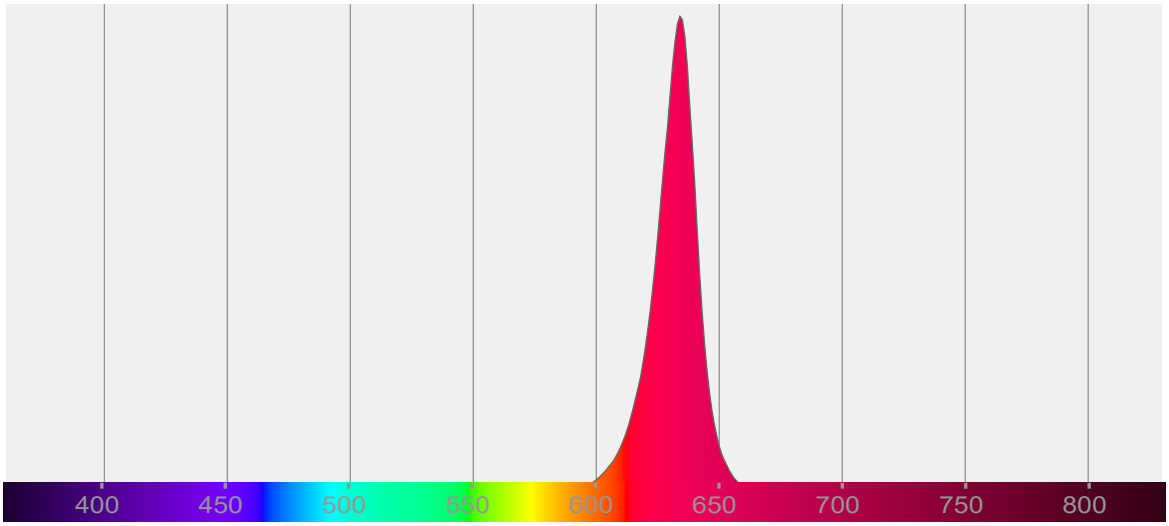
Total Lumens: 1872 lm
Peak Intensity: 4470 cd
Fixture Efficacy: 7 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.698 Y: 0.301

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

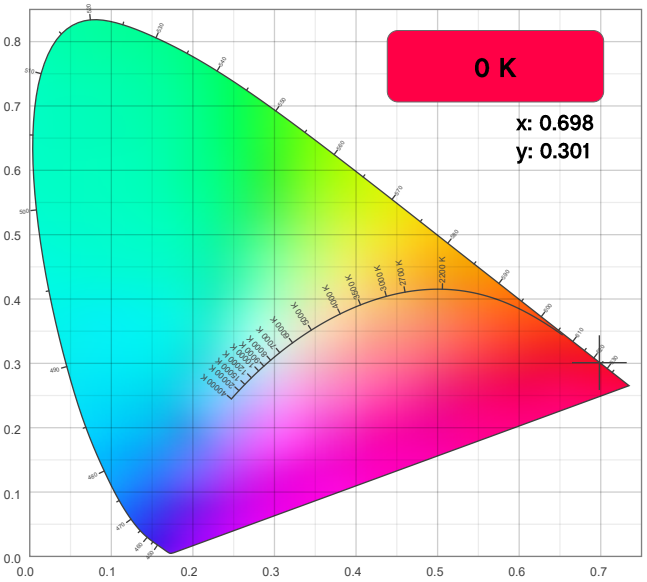
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Chromaticity Report

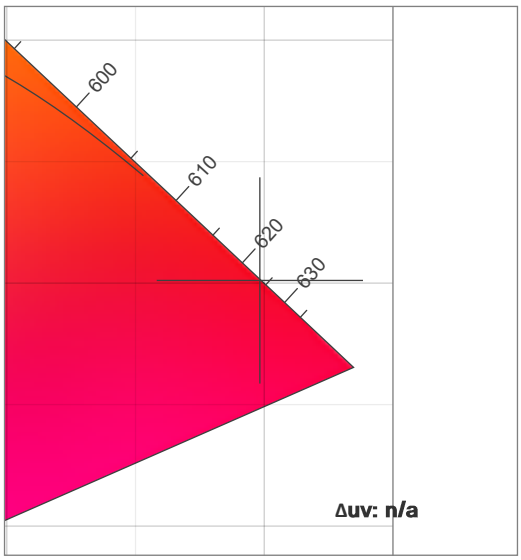
WELL Panel: Red Only

Chromaticity

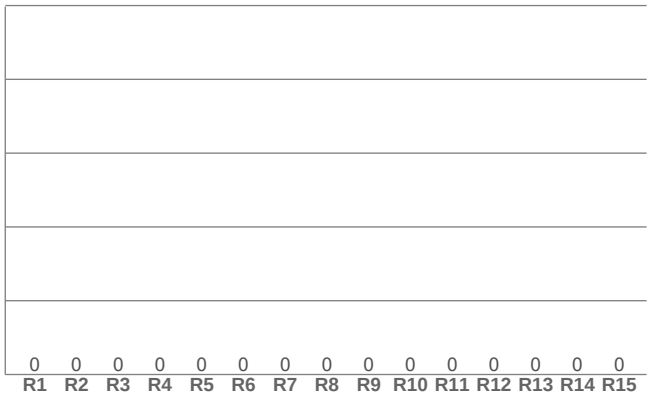
CIE 1931



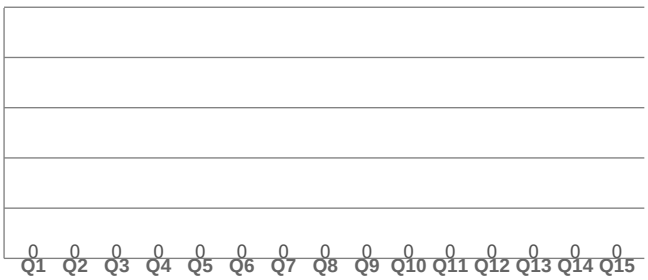
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.698	0.301

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.301	0.535

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

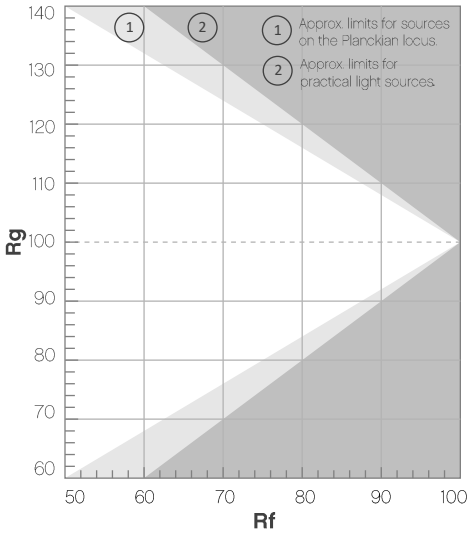
WELL Panel: Red Only

TM-30-18 Details

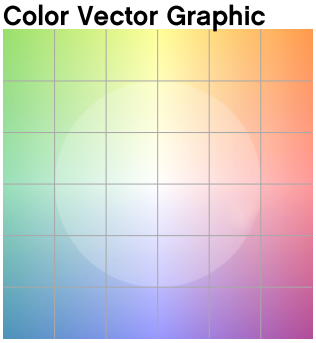
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

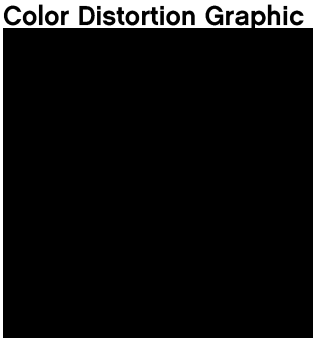
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



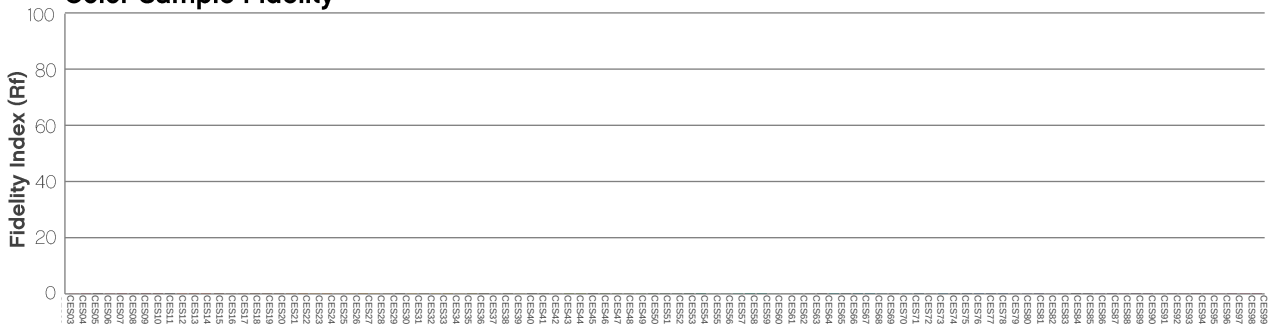
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

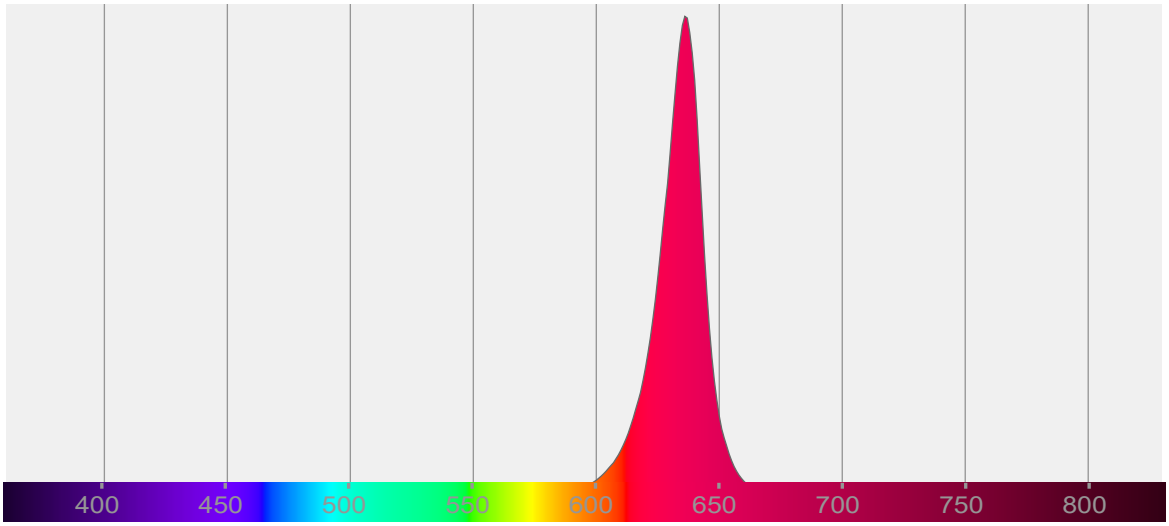
Total Lumens: 1698 lm
Peak Intensity: 4046 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 636 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

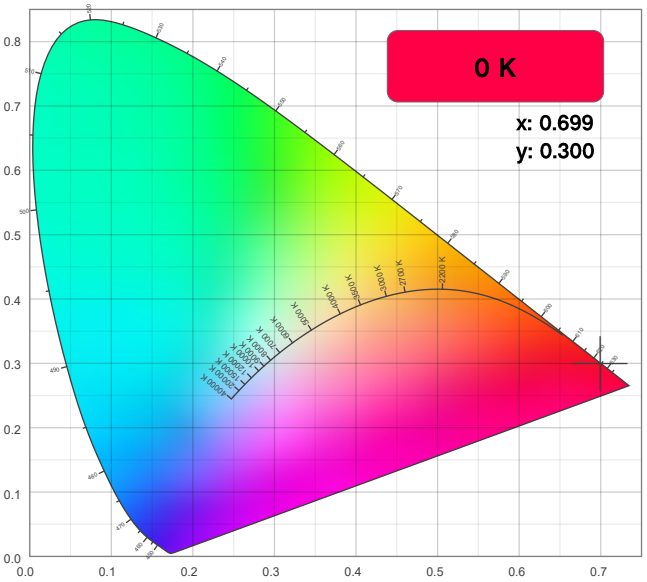
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Chromaticity Report

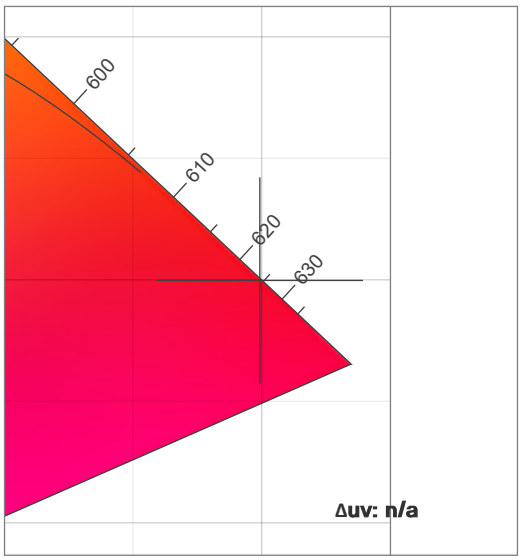
WELL Panel: Red Only

Chromaticity

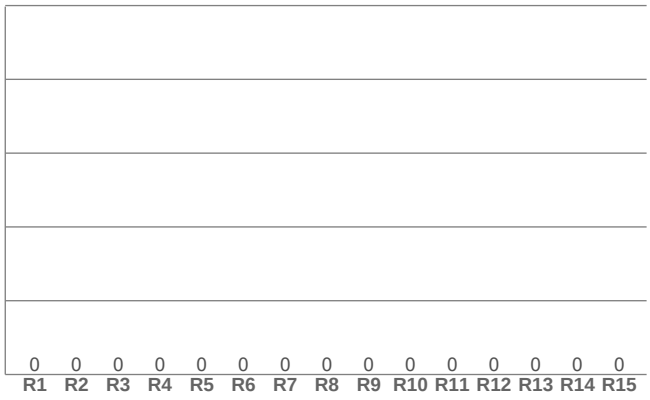
CIE 1931



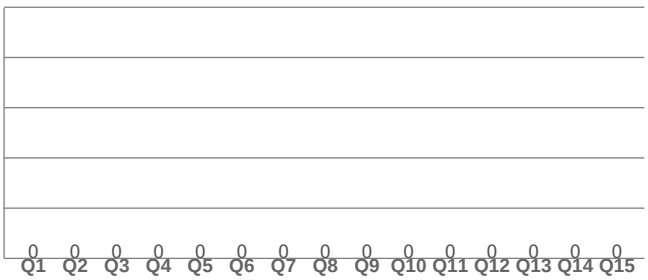
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.538

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

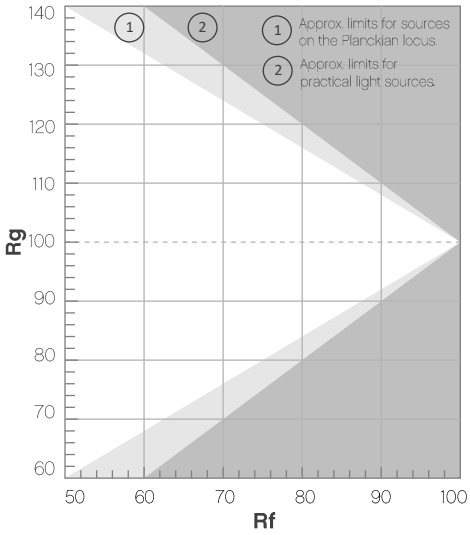
WELL Panel: Red Only

TM-30-18 Details

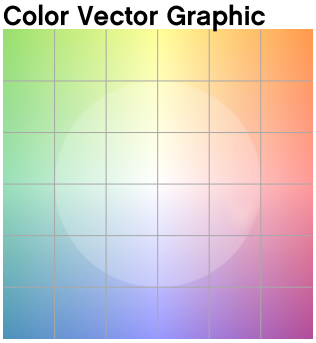
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

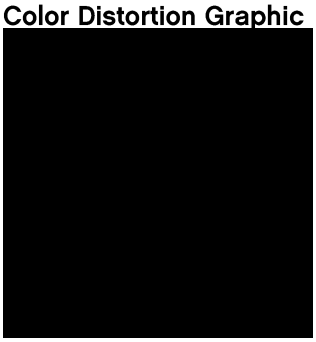
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



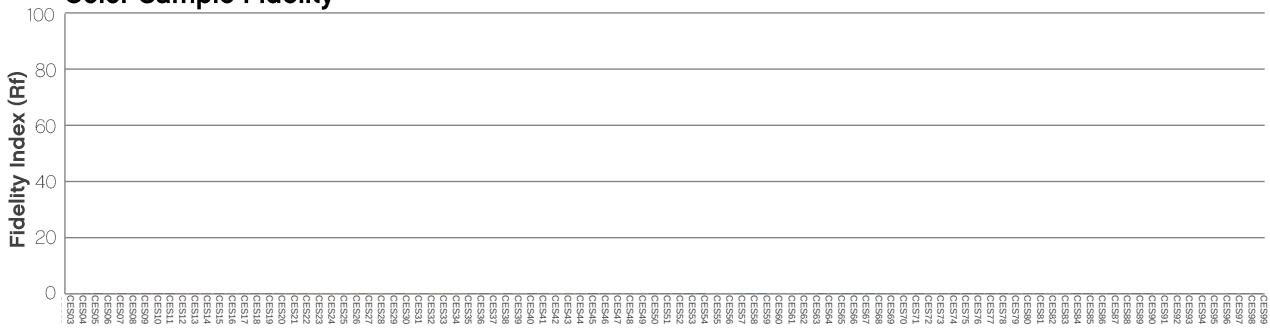
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

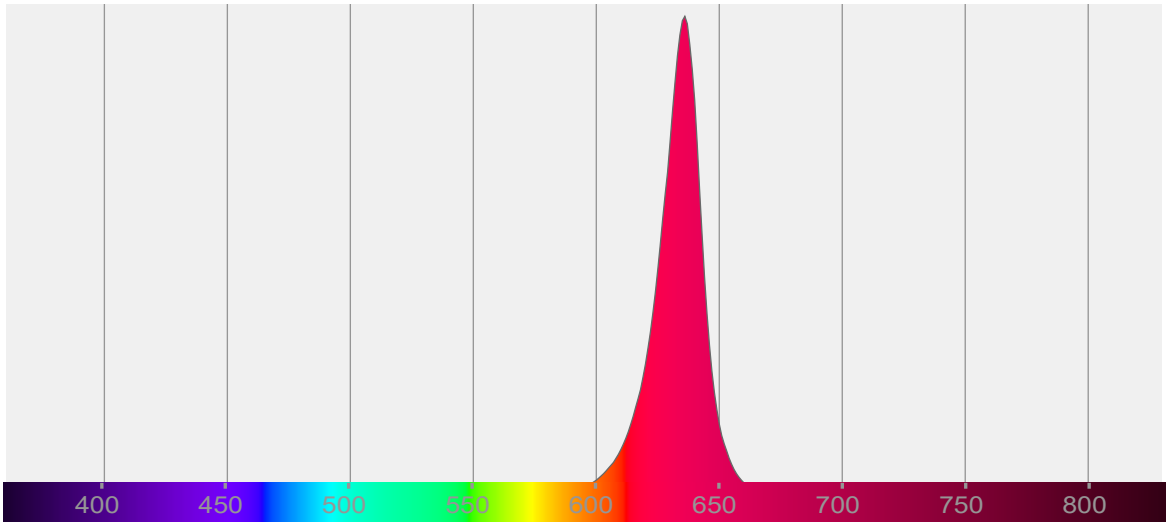
Total Lumens: 1725 lm
Peak Intensity: 4115 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 636 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.699 Y: 0.300

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

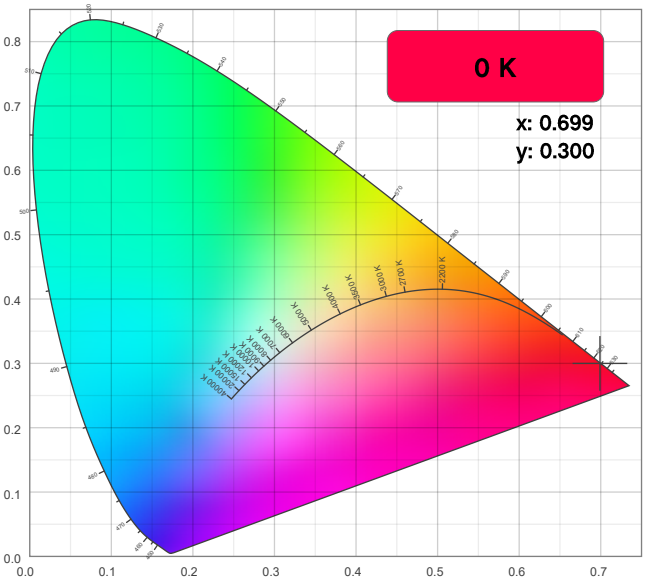
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Chromaticity Report

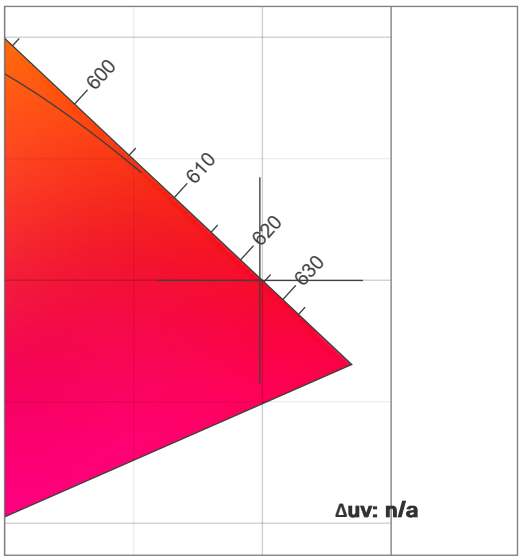
WELL Panel: Red Only

Chromaticity

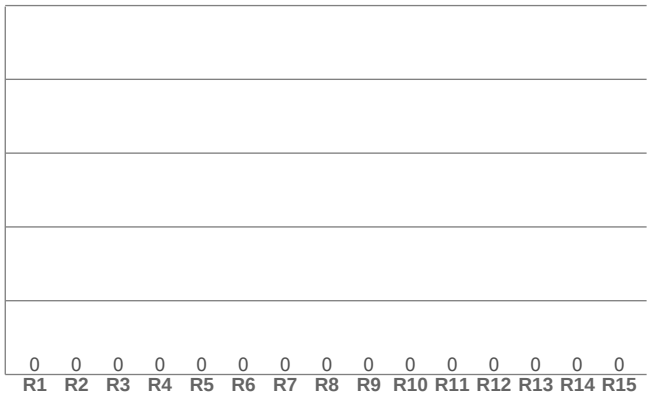
CIE 1931



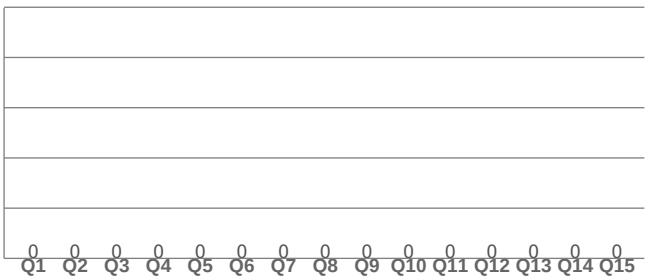
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.699	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.538

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

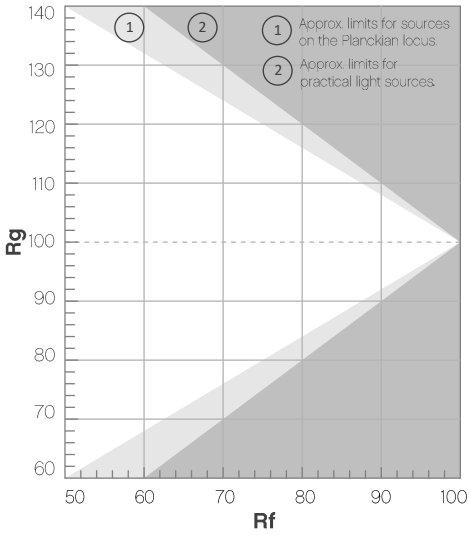
WELL Panel: Red Only

TM-30-18 Details

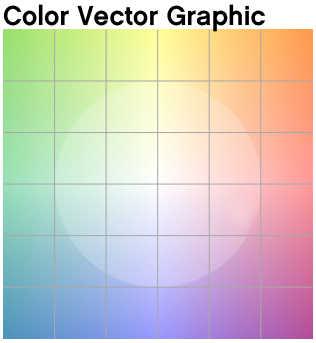
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

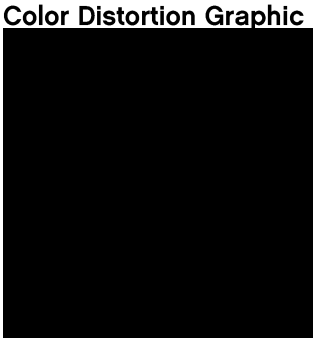
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



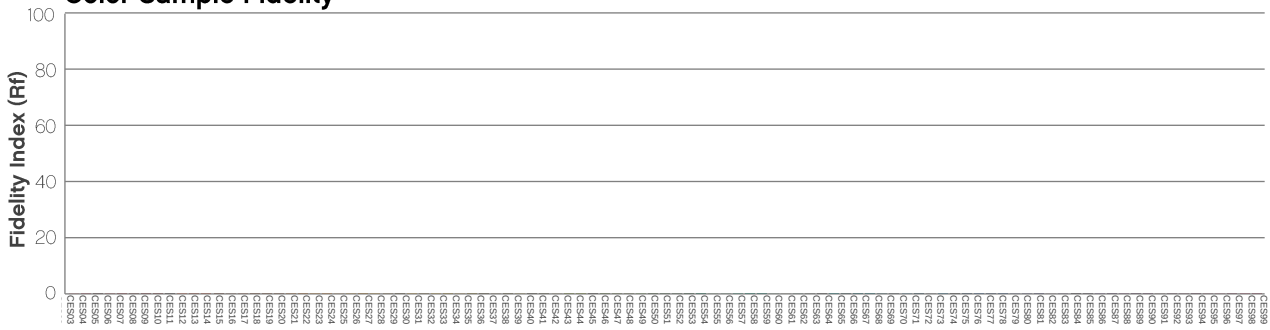
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

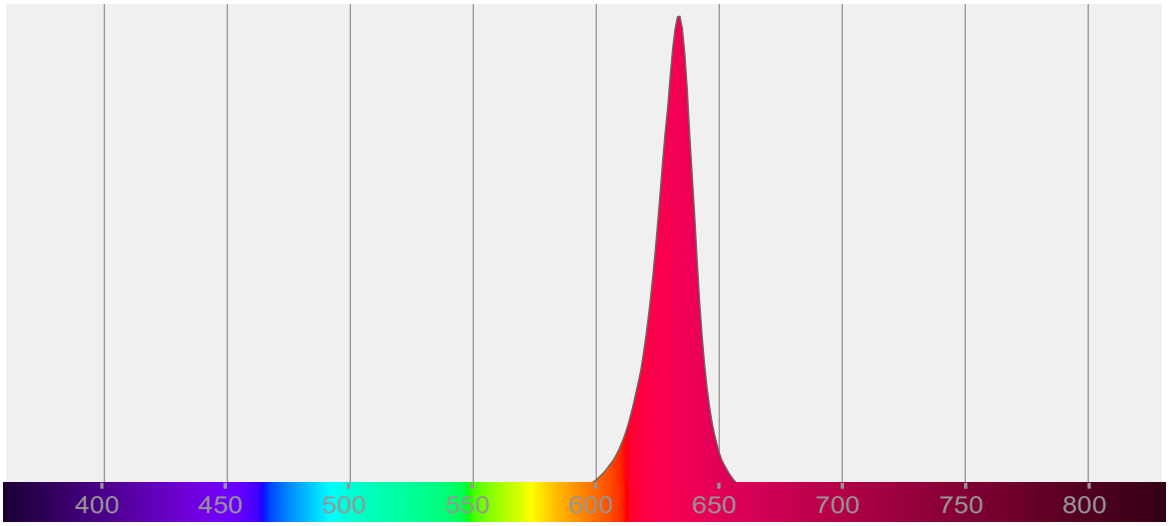
Total Lumens: 603 lm
Peak Intensity: 1417 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

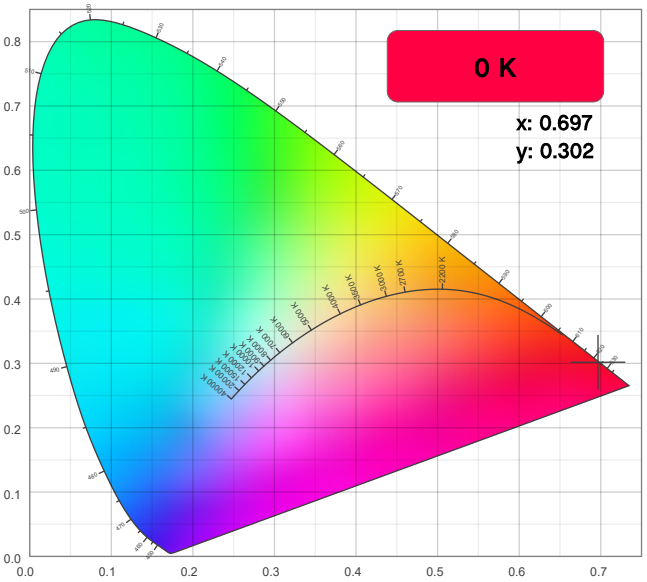
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Chromaticity Report

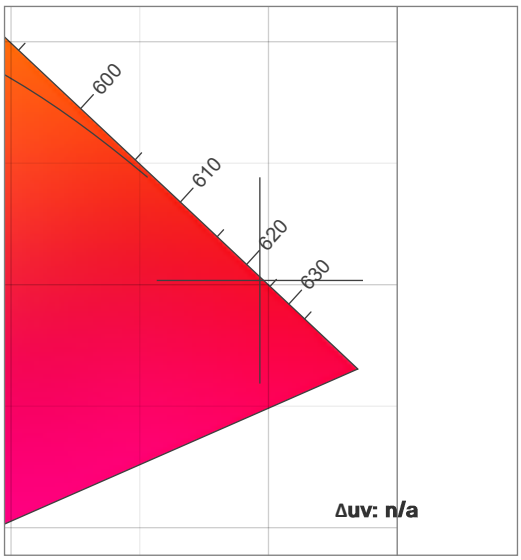
WELL Panel: Red Only

Chromaticity

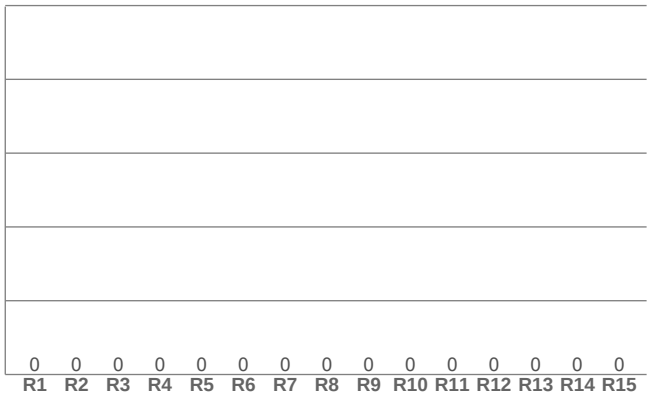
CIE 1931



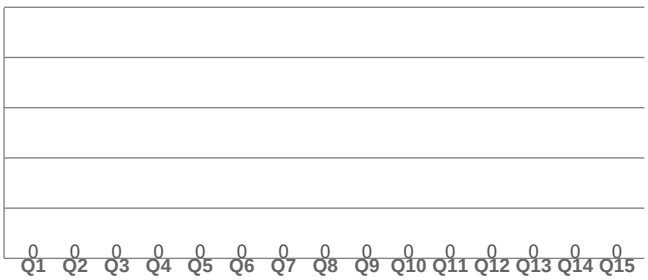
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.533

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

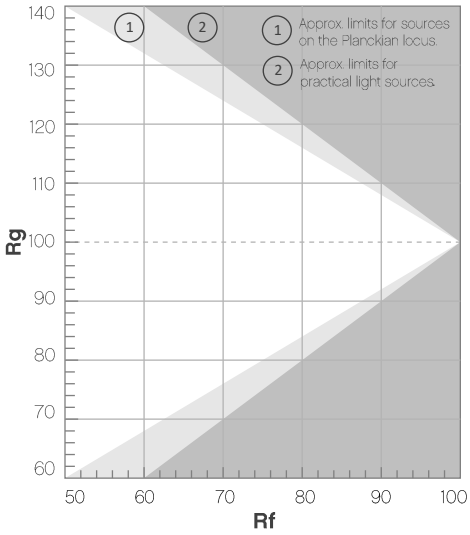
WELL Panel: Red Only

TM-30-18 Details

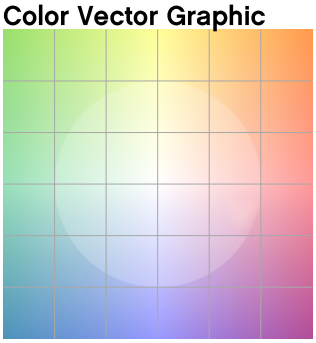
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

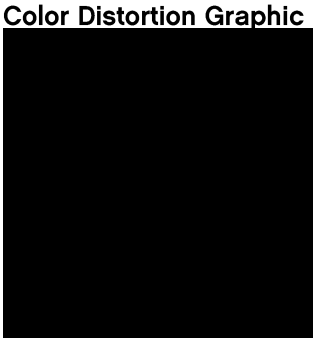
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



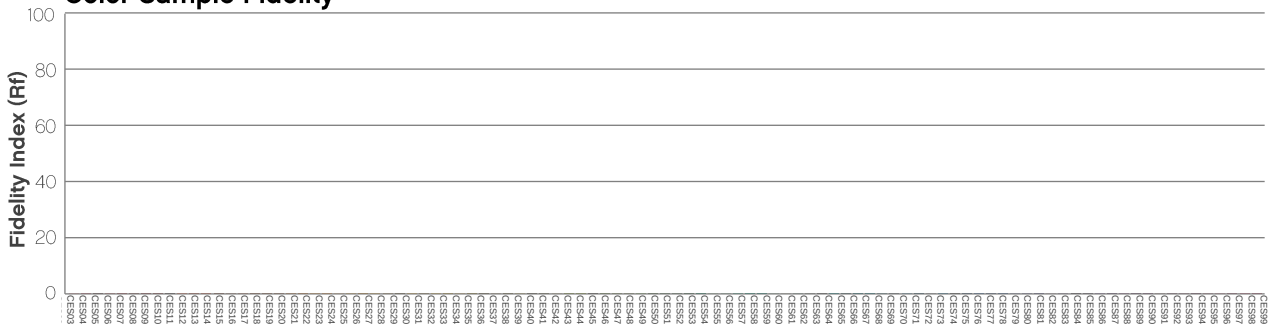
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Red Only

Report Summary

Measurements

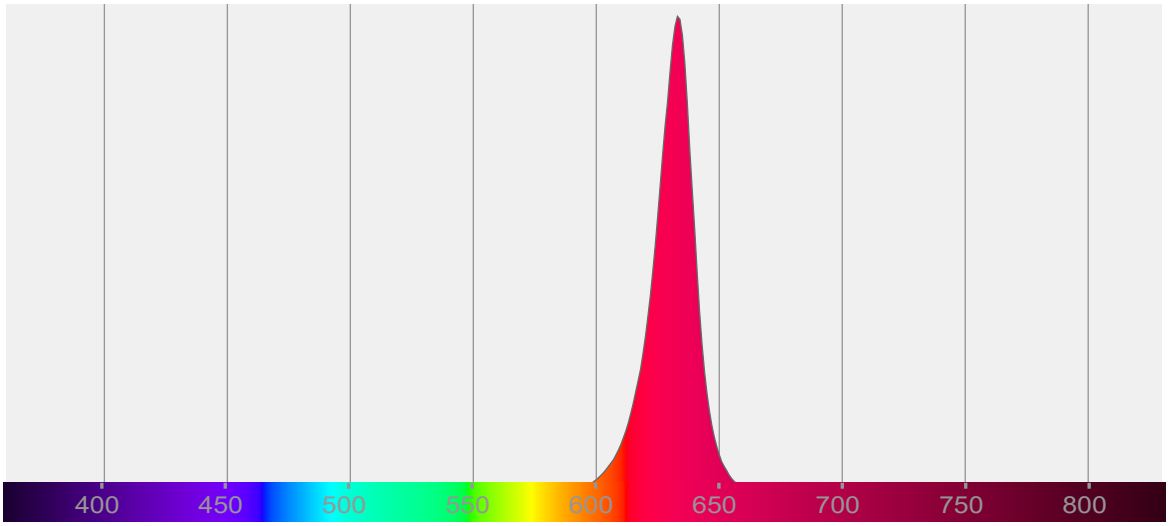
Total Lumens: 391 lm
Peak Intensity: 930 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.697 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

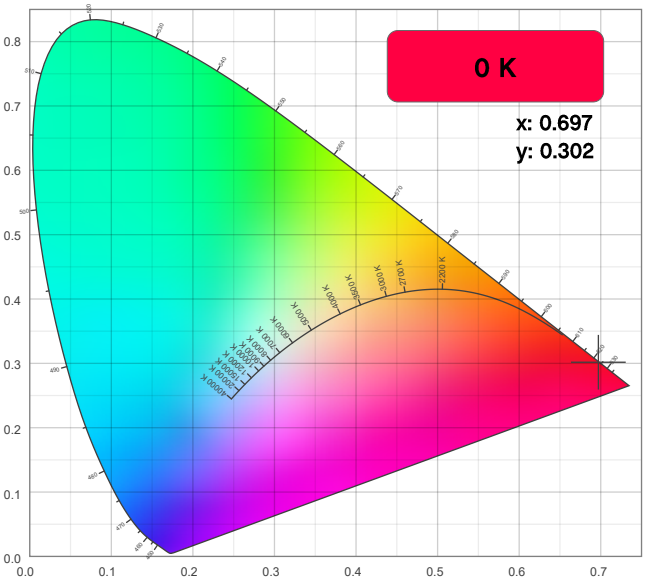
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Chromaticity Report

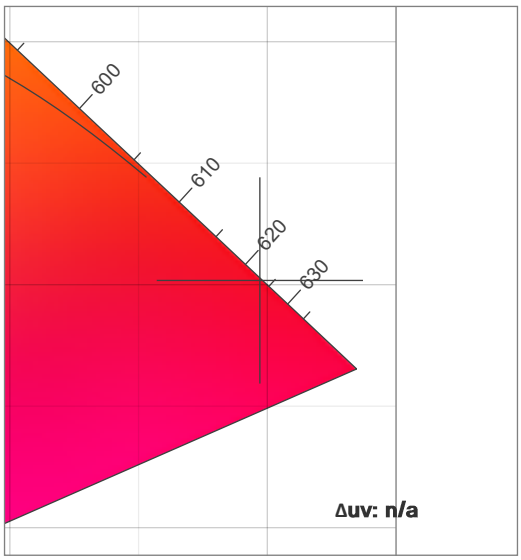
WELL Panel: Red Only

Chromaticity

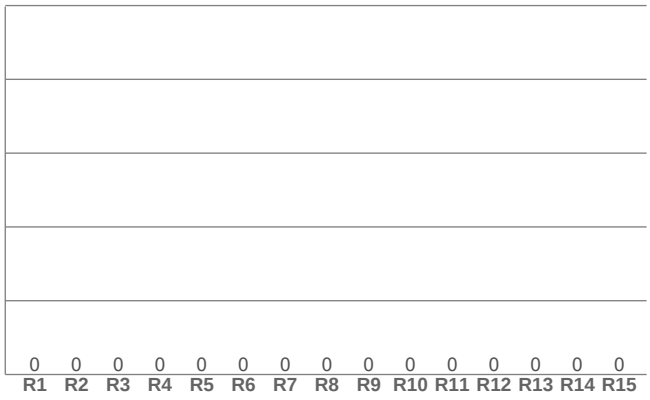
CIE 1931



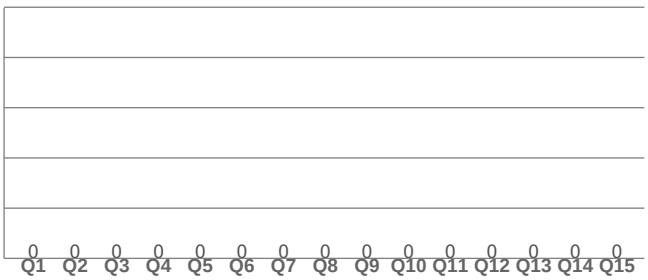
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.533

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

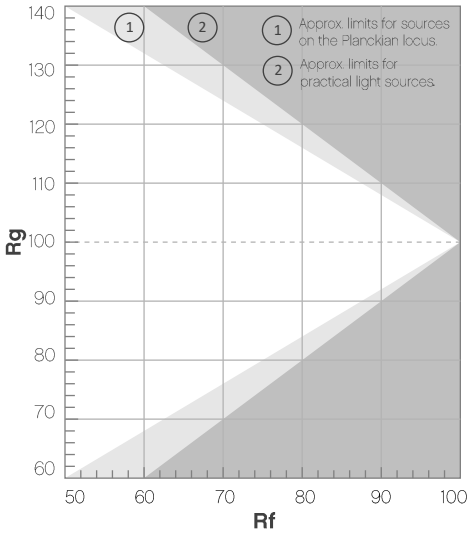
WELL Panel: Red Only

TM-30-18 Details

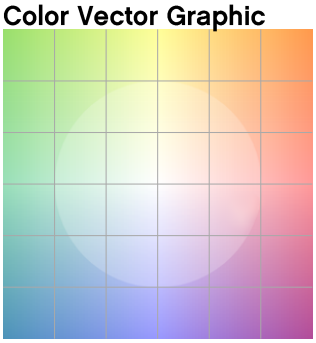
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

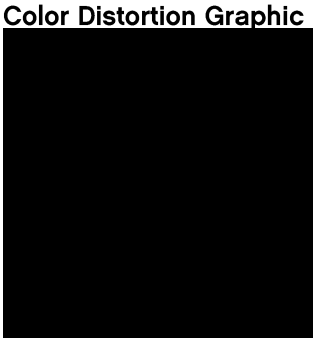
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
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9	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



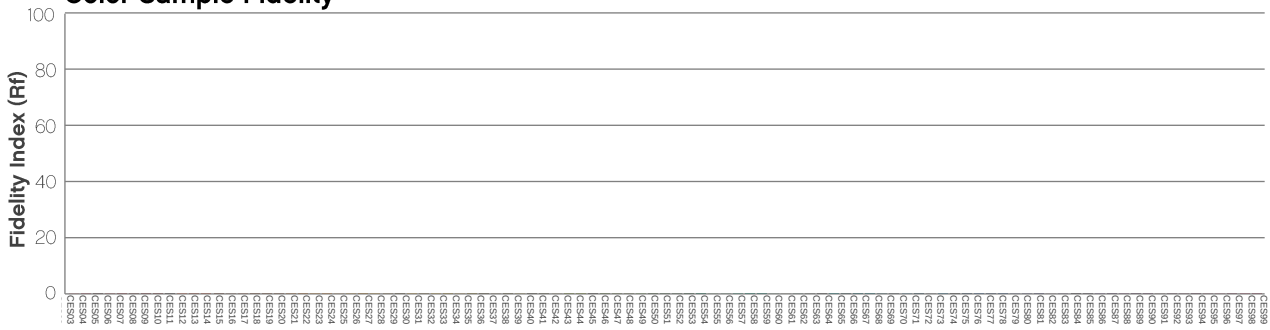
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

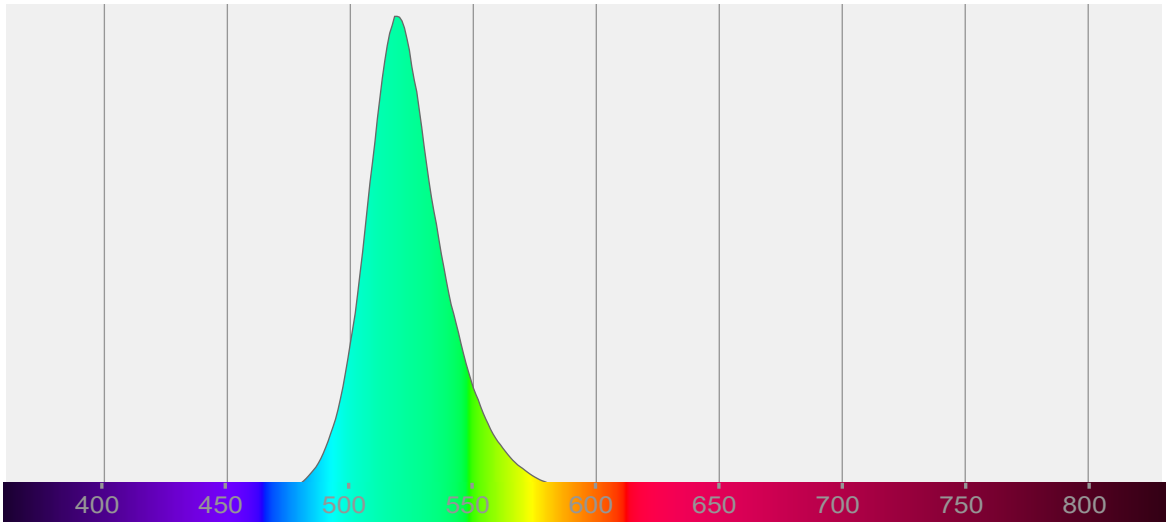
Total Lumens: 3767 lm
Peak Intensity: 8688 cd
Fixture Efficacy: 14 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 519 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.163 Y: 0.726

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

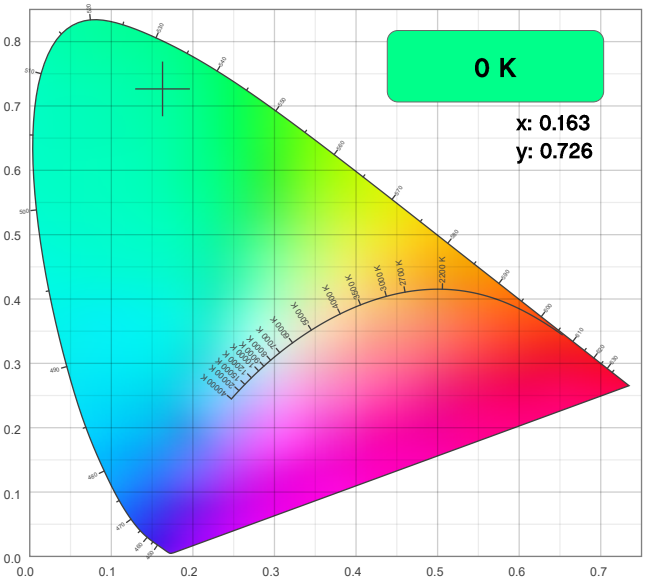
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Chromaticity Report

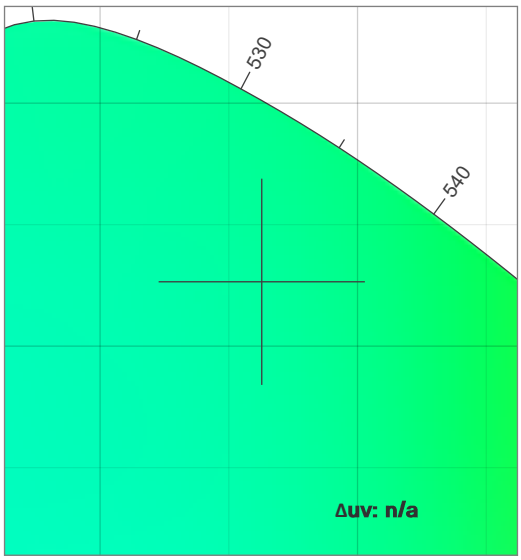
WELL Panel: Green Only

Chromaticity

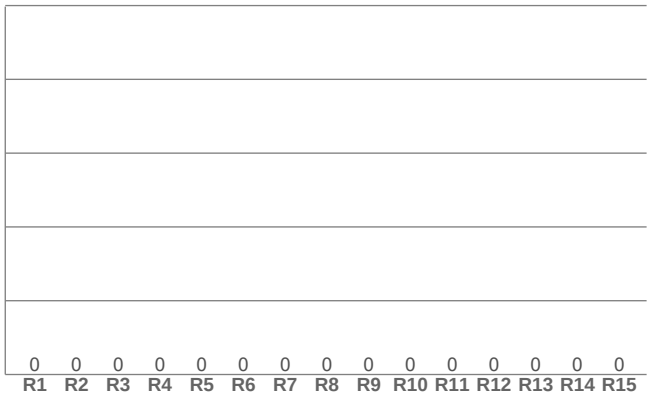
CIE 1931



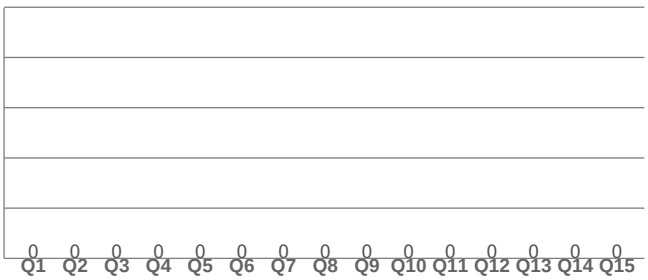
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.163	0.726

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.726	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

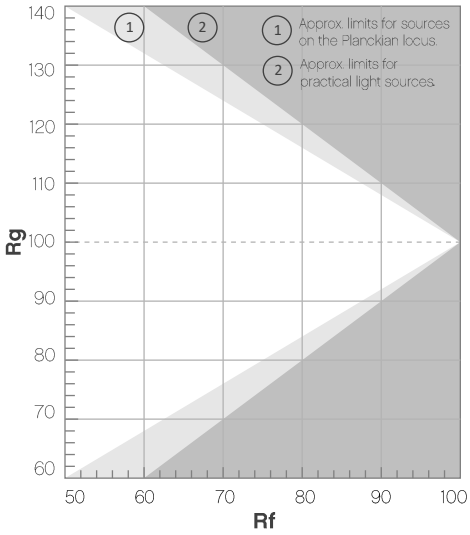
WELL Panel: Green Only

TM-30-18 Details

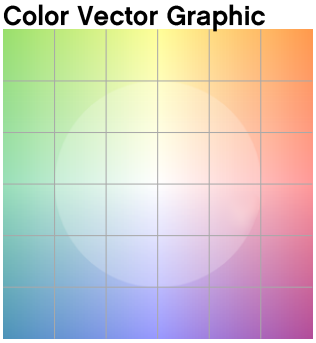
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

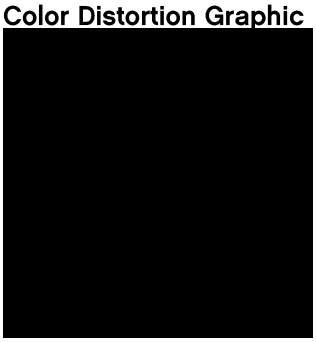
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



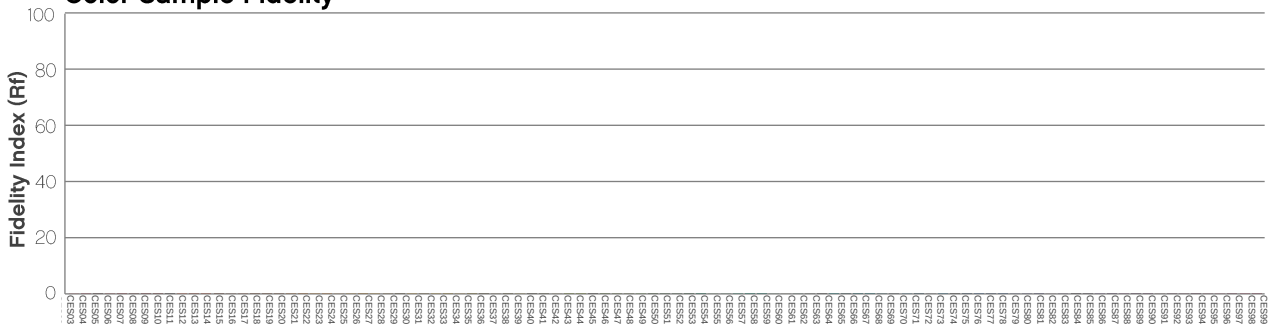
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

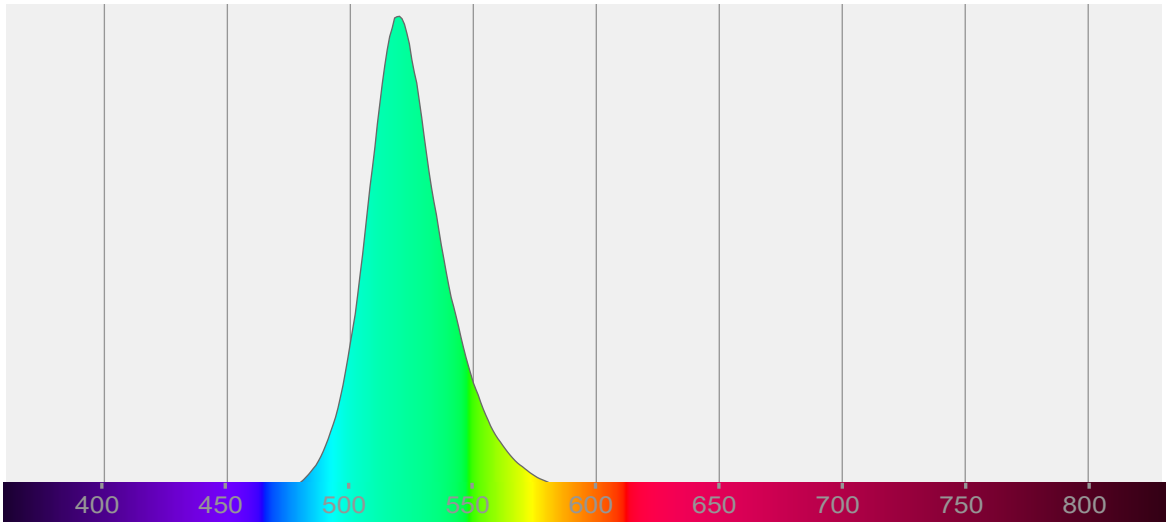
Total Lumens: 3735 lm
Peak Intensity: 8627 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 520 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.165 Y: 0.725

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

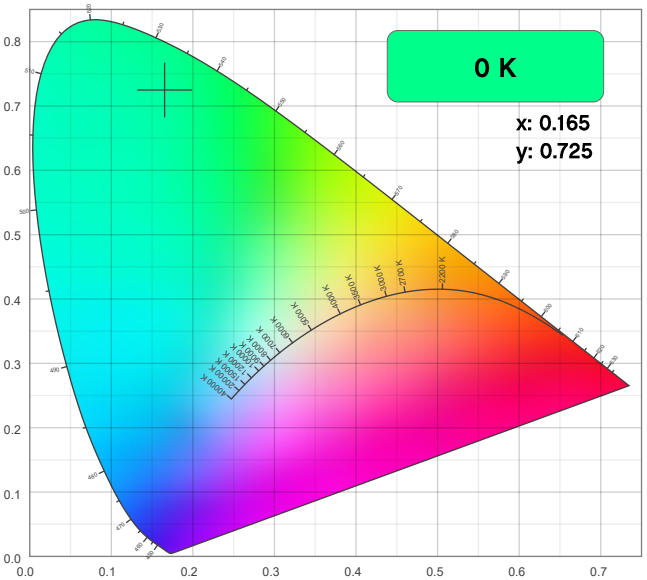
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Chromaticity Report

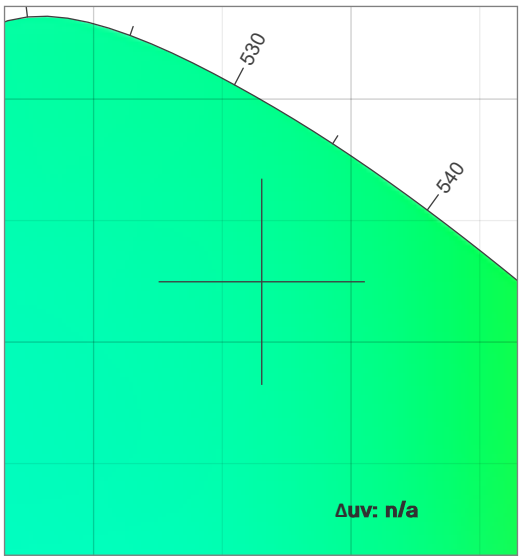
WELL Panel: Green Only

Chromaticity

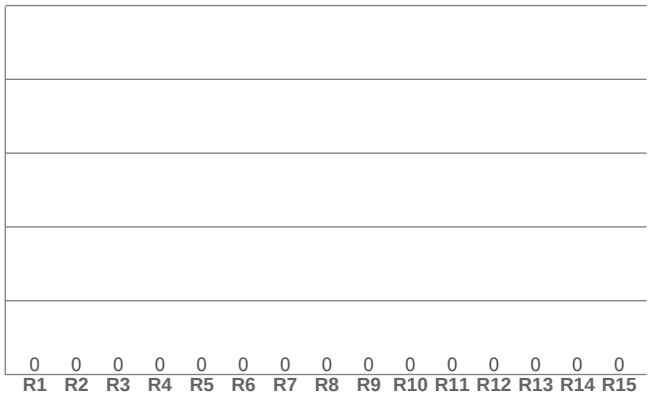
CIE 1931



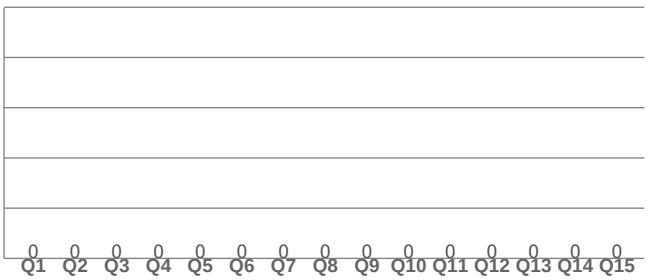
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.165	0.725

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.725	0.058

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

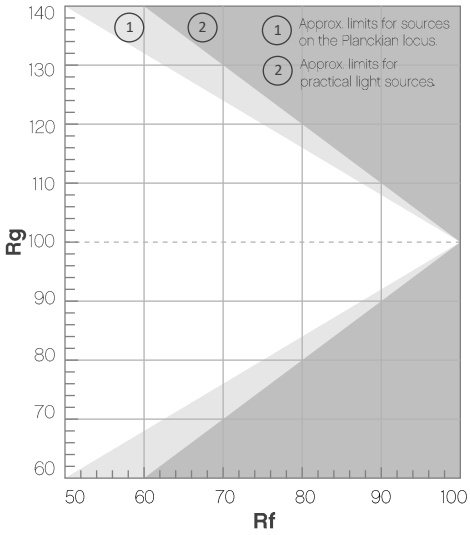
WELL Panel: Green Only

TM-30-18 Details

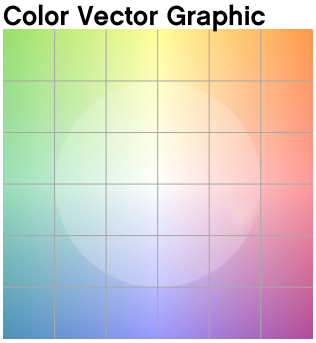
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

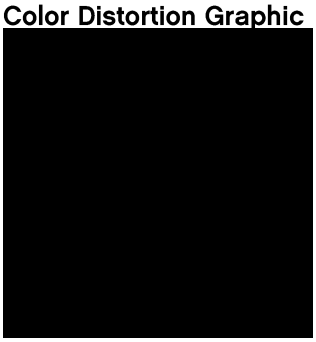
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



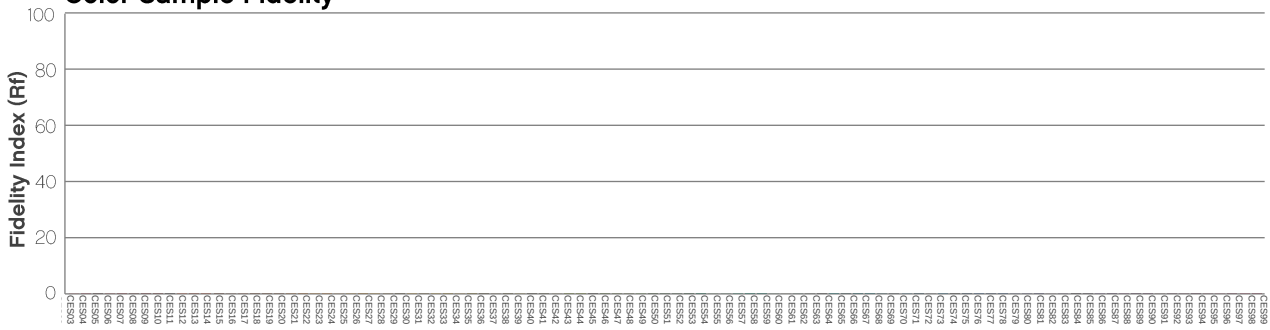
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

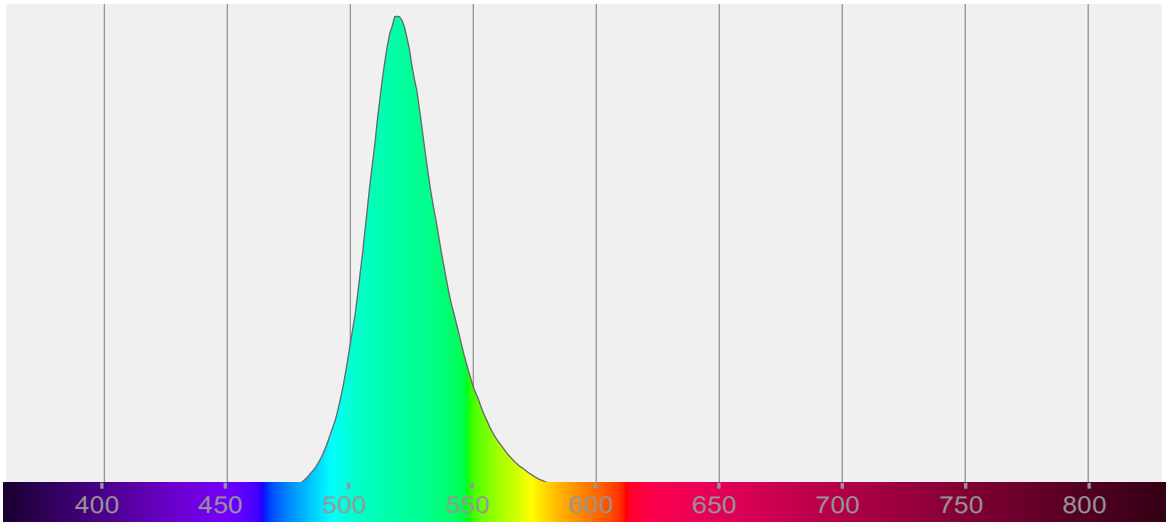
Total Lumens: 1876 lm
Peak Intensity: 4324 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 519 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.163 Y: 0.726

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

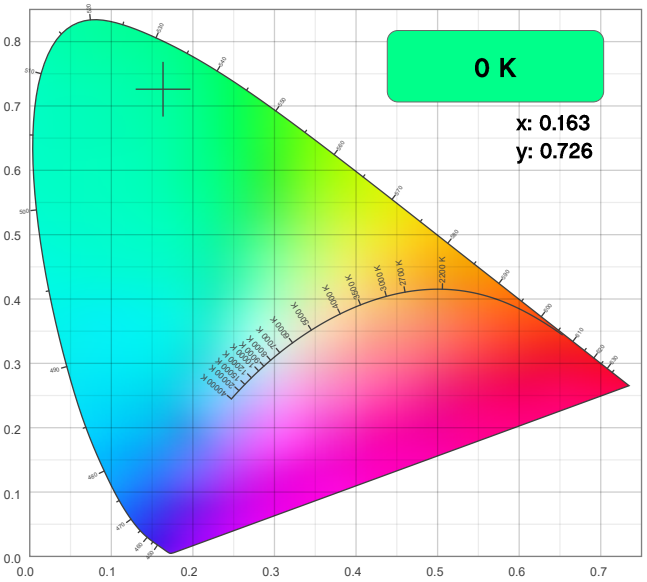
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Chromaticity Report

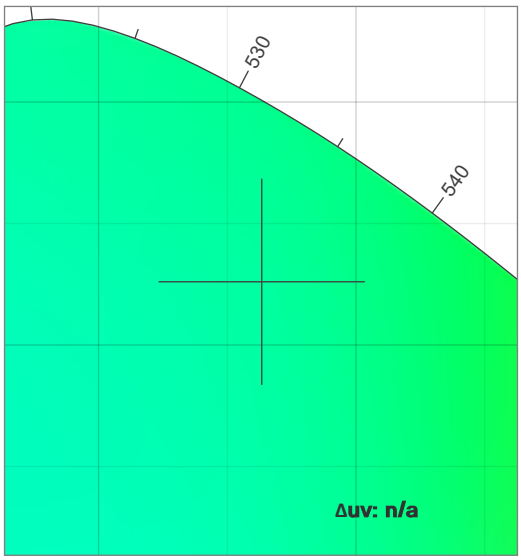
WELL Panel: Green Only

Chromaticity

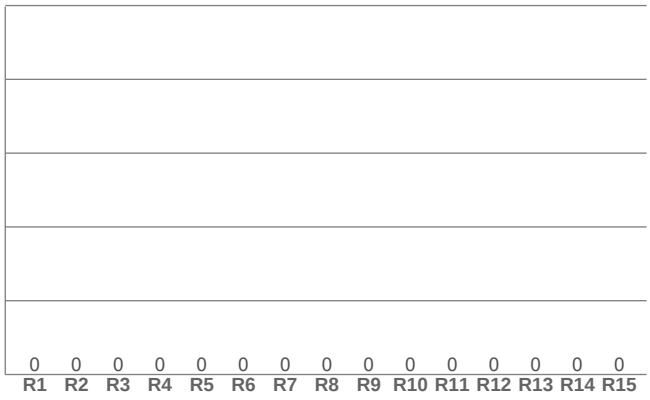
CIE 1931



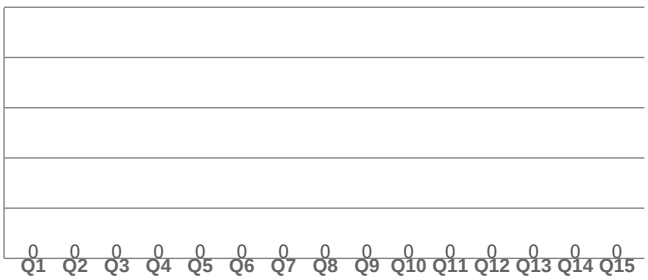
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.163	0.726

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.726	0.057

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

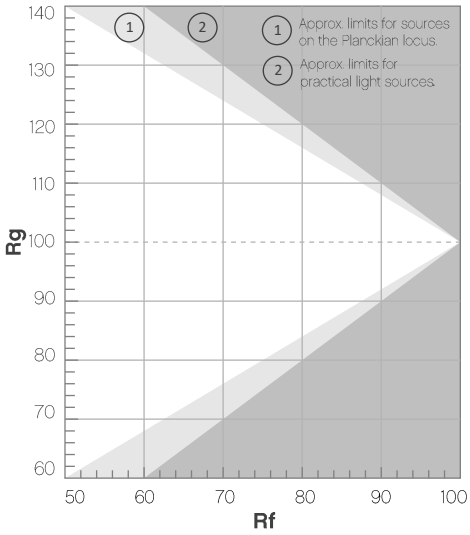
WELL Panel: Green Only

TM-30-18 Details

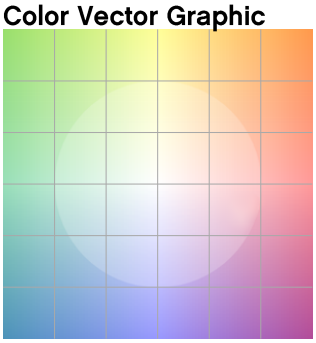
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

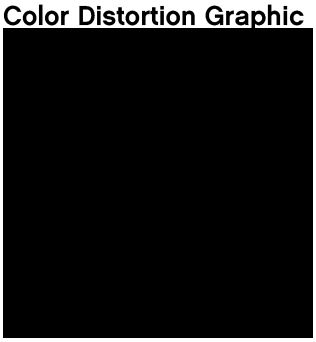
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



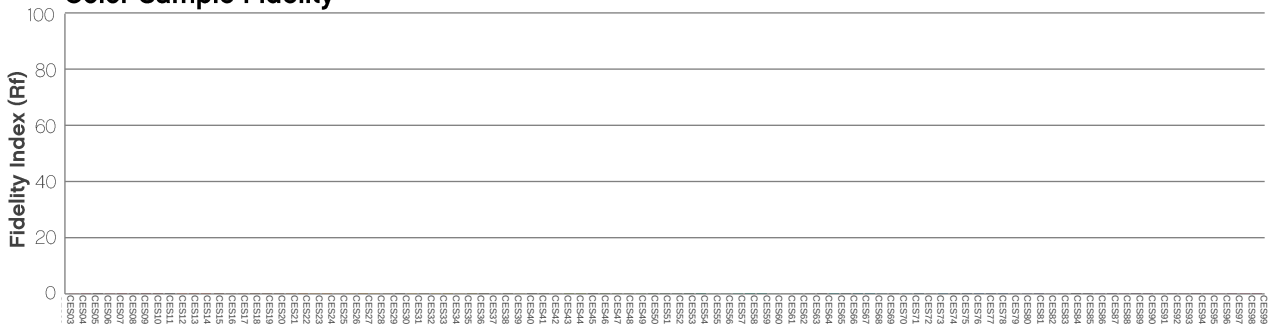
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

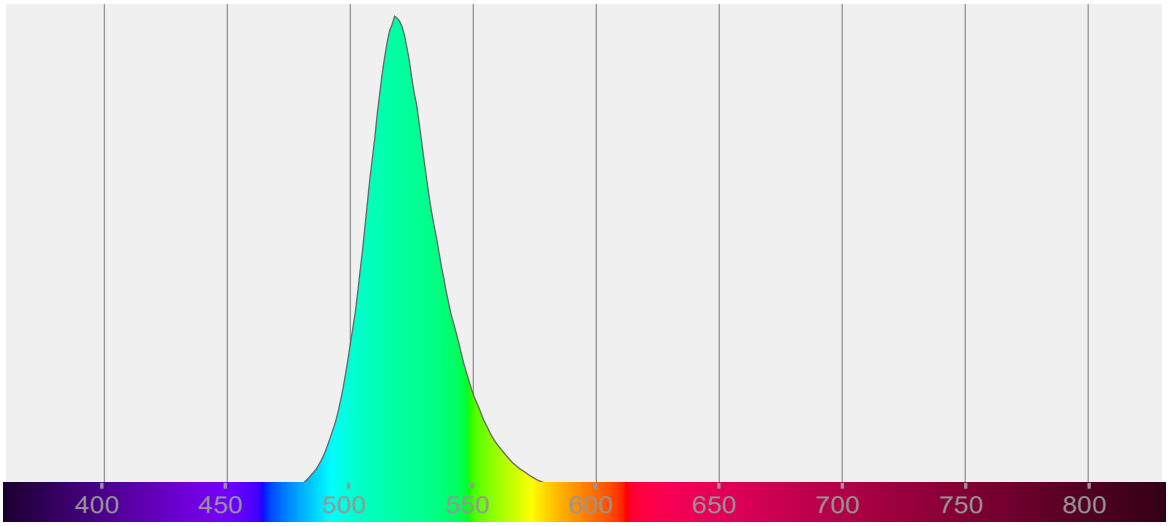
Total Lumens: 1178 lm
Peak Intensity: 2703 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.160 Y: 0.728

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

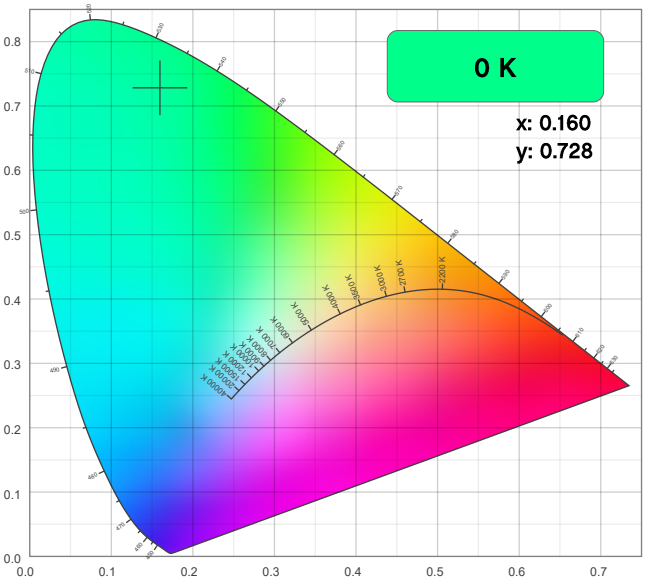
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Chromaticity Report

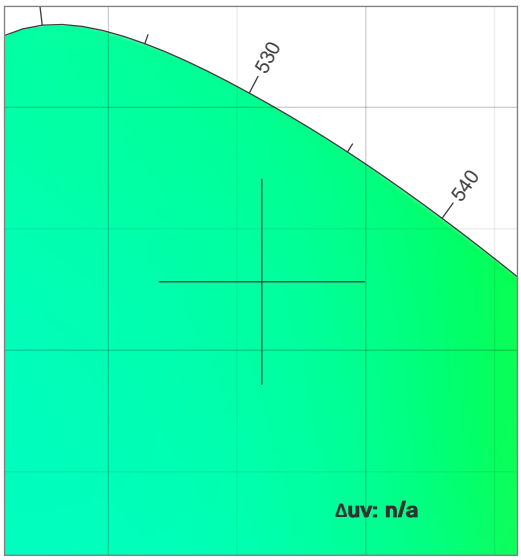
WELL Panel: Green Only

Chromaticity

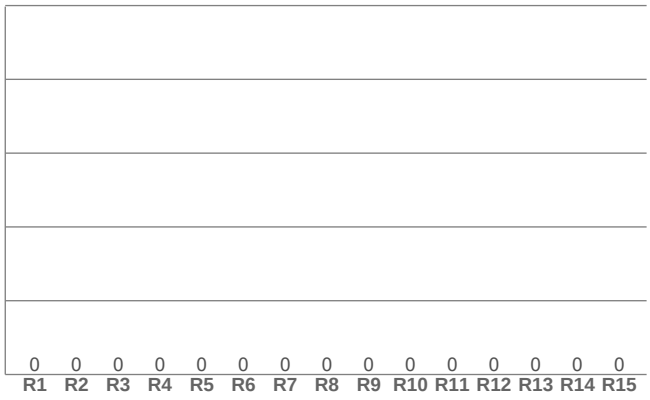
CIE 1931



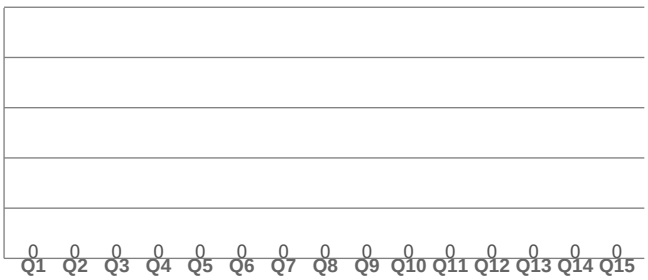
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.160	0.728

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.728	0.056

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

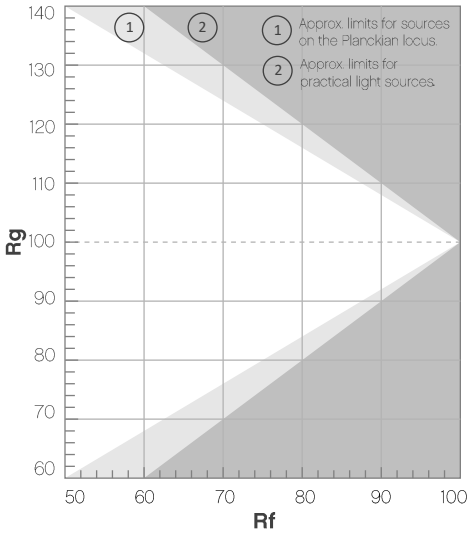
WELL Panel: Green Only

TM-30-18 Details

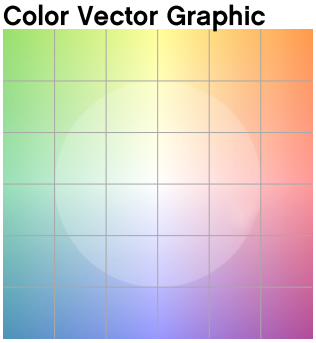
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
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16	0	0%	0%



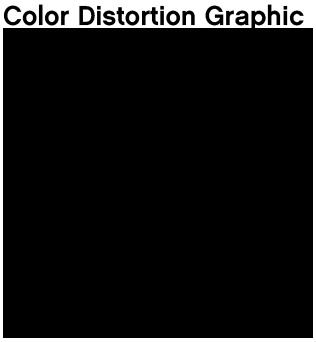
Color Vector Graphic



Rf by Hue Bin



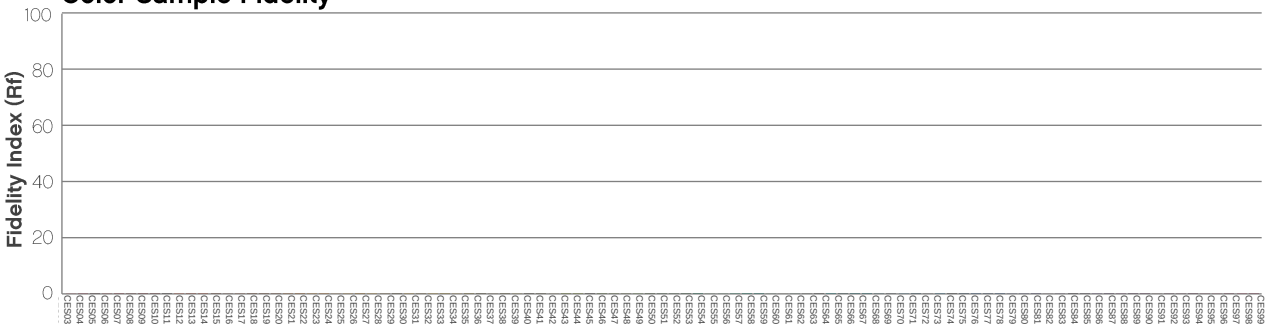
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Green Only

Report Summary

Measurements

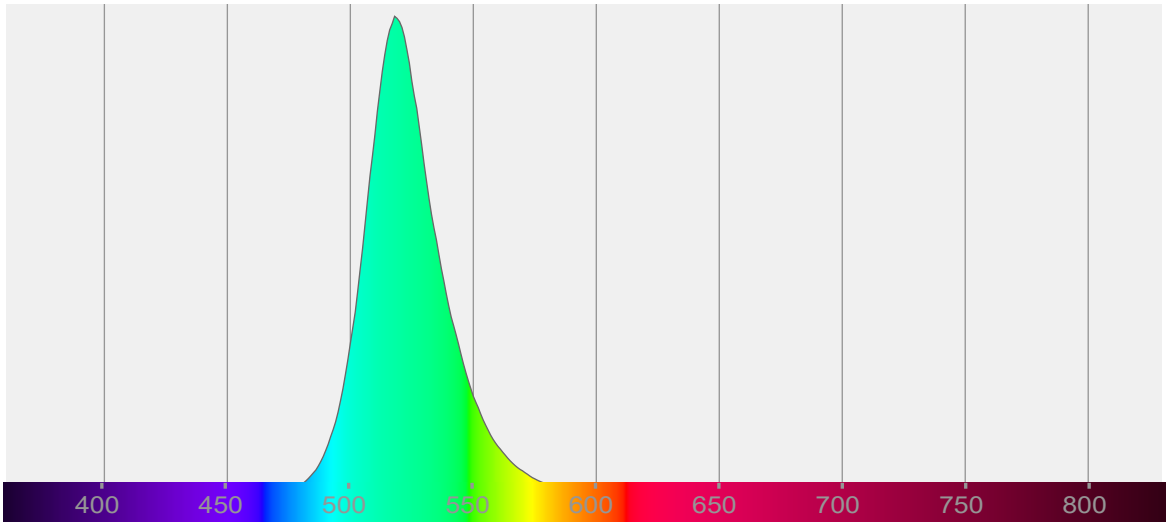
Total Lumens: 760 lm
Peak Intensity: 1755 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.158 Y: 0.729

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

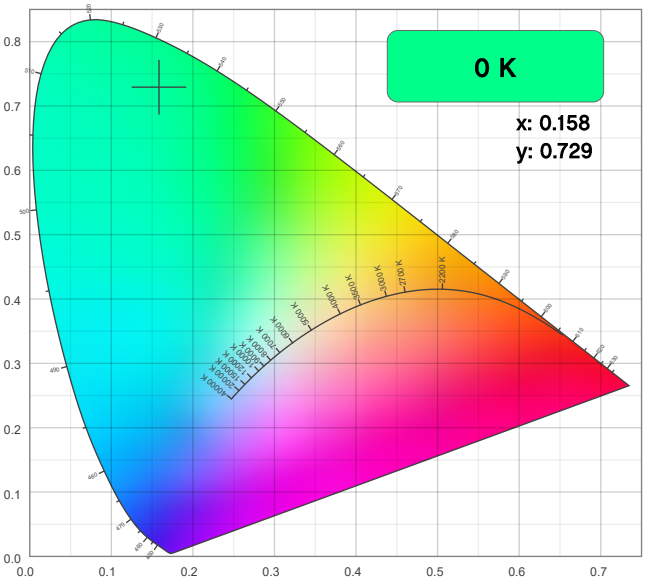
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Chromaticity Report

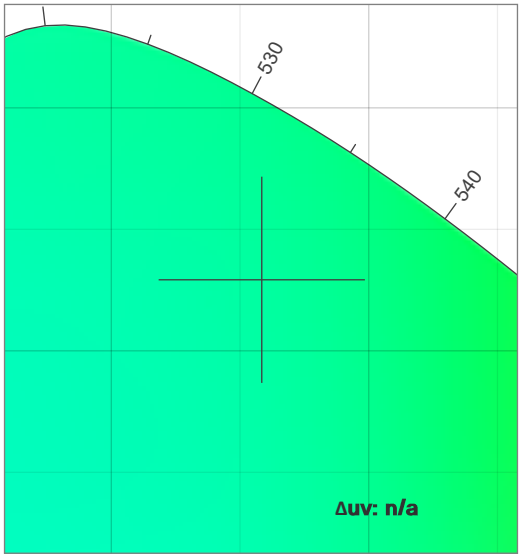
WELL Panel: Green Only

Chromaticity

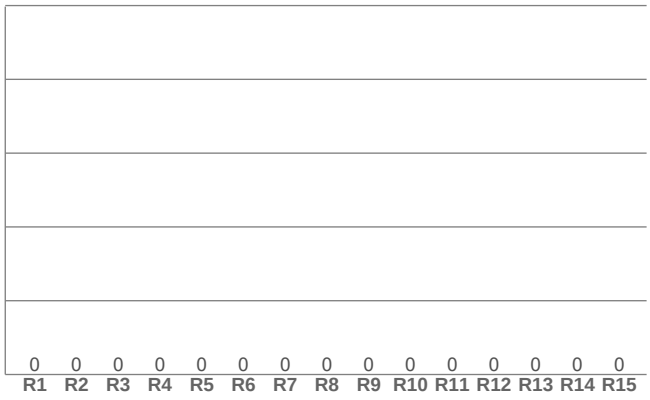
CIE 1931



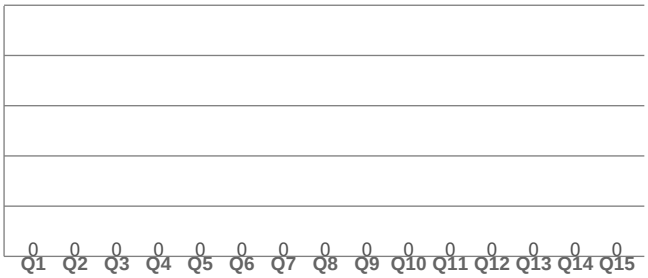
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.158	0.729

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.729	0.055

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

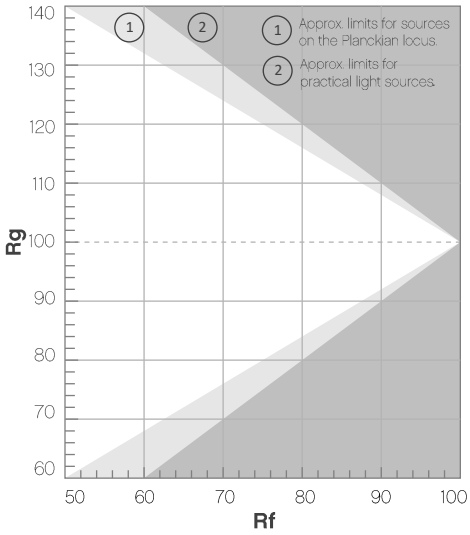
WELL Panel: Green Only

TM-30-18 Details

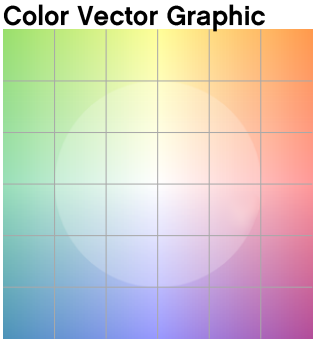
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

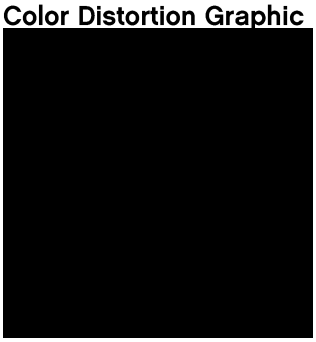
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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9	0	0%	0%
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11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



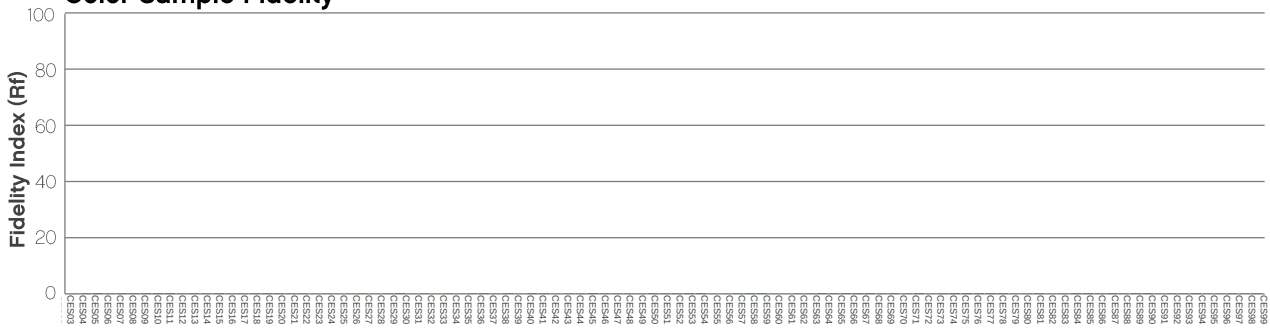
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

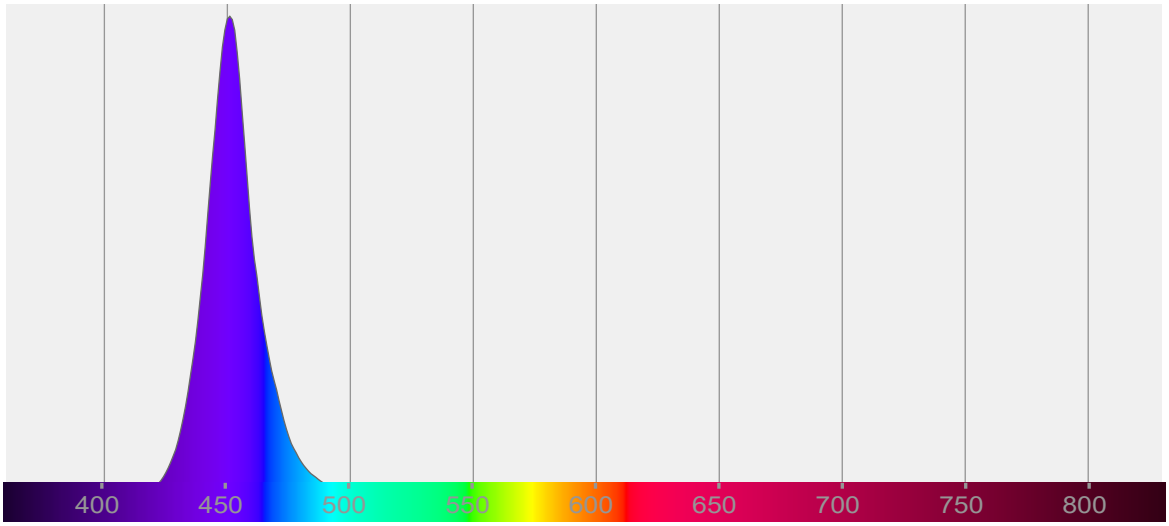
Total Lumens: 715 lm
Peak Intensity: 1587 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

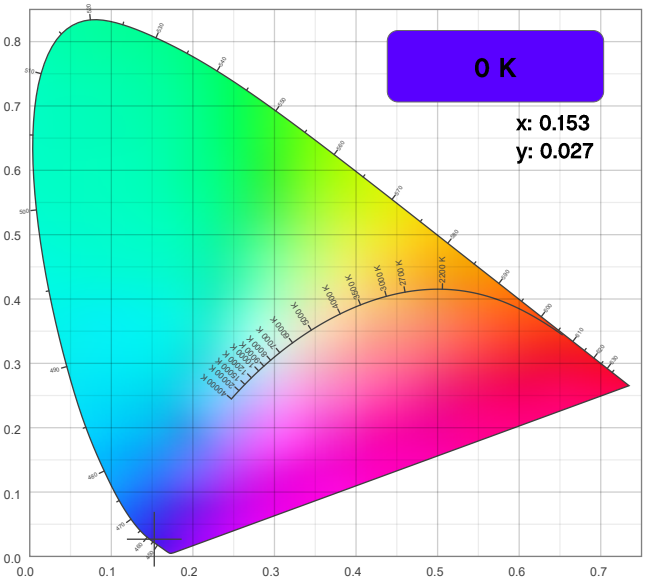
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Chromaticity Report

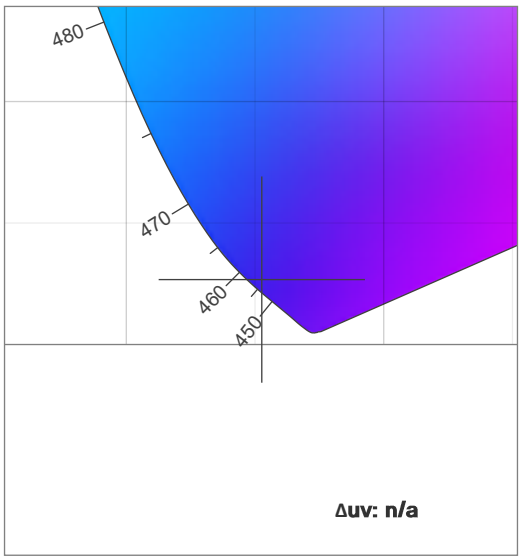
WELL Panel: Blue Only

Chromaticity

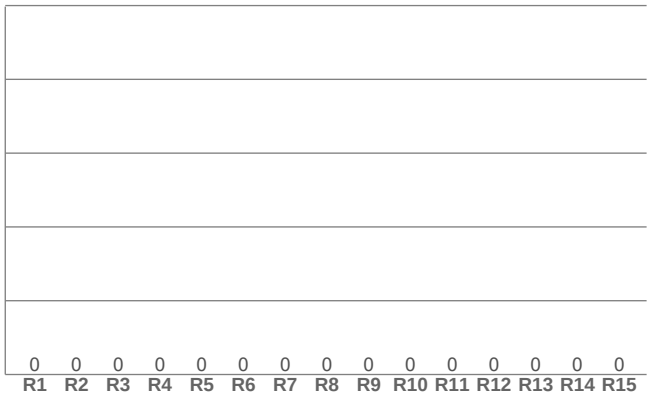
CIE 1931



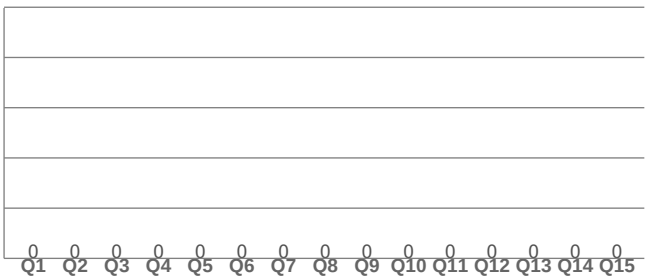
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

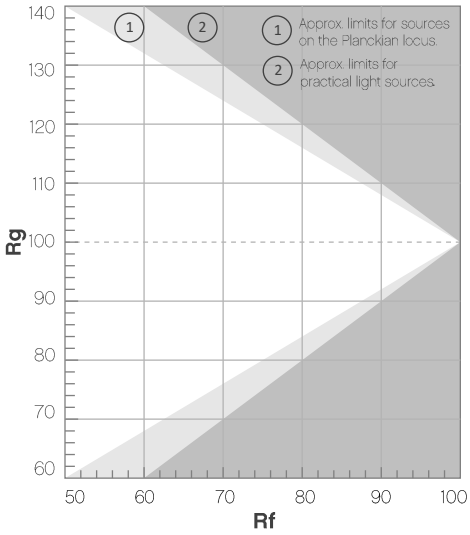
WELL Panel: Blue Only

TM-30-18 Details

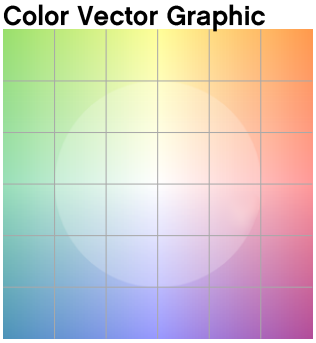
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

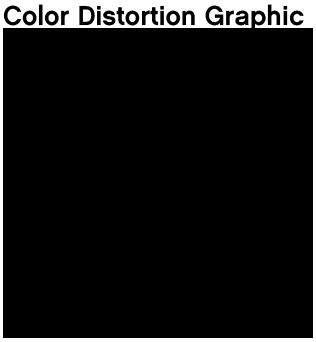
Hue Bin	R_f	Chroma Shift	Hue Shift
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2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



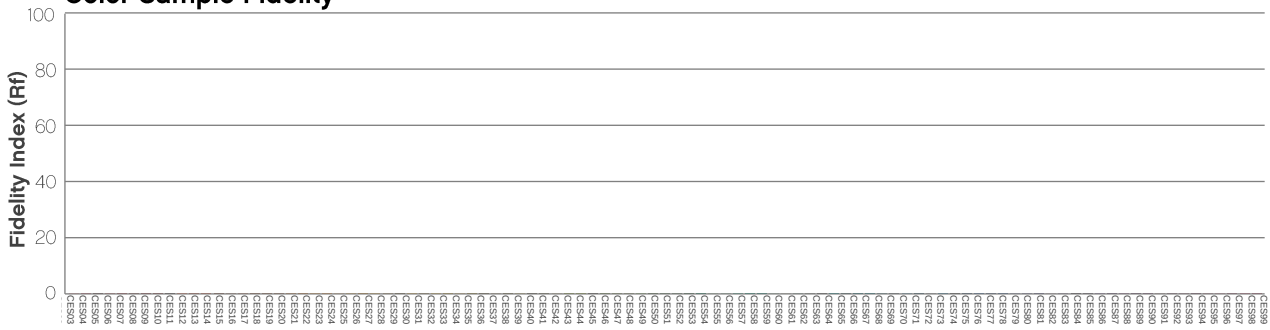
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

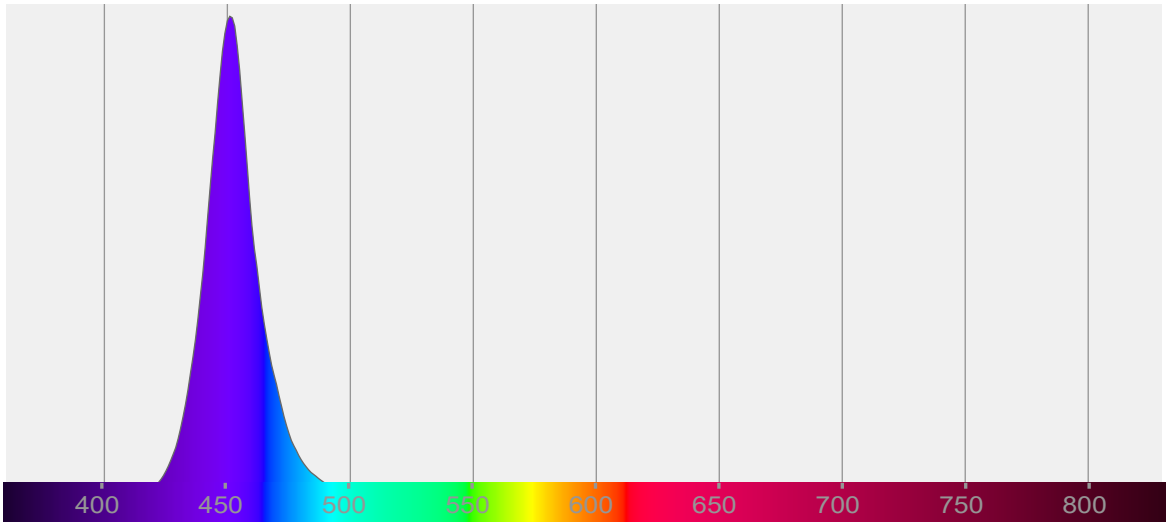
Total Lumens: 720 lm
Peak Intensity: 1589 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.152 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

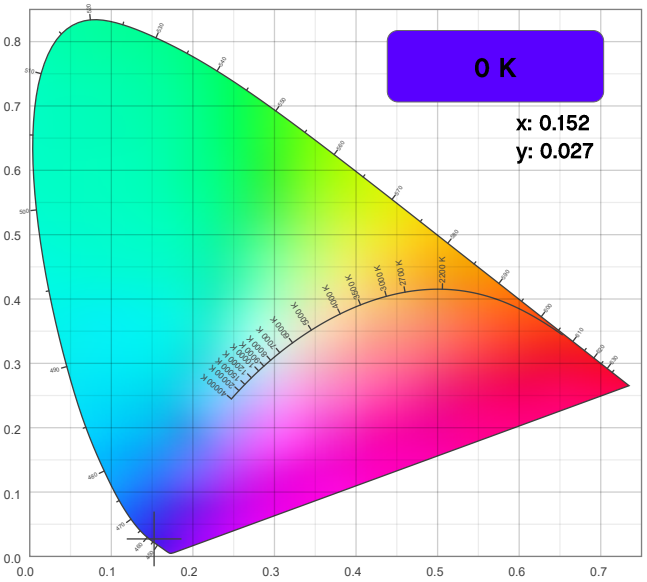
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Chromaticity Report

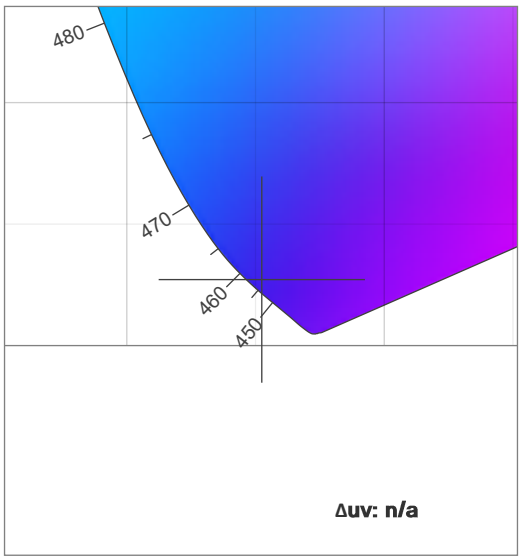
WELL Panel: Blue Only

Chromaticity

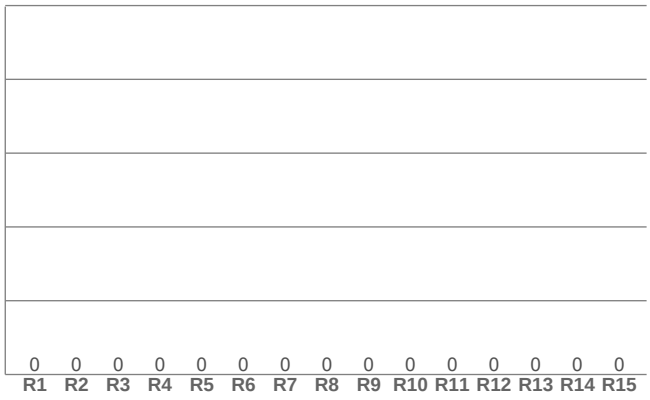
CIE 1931



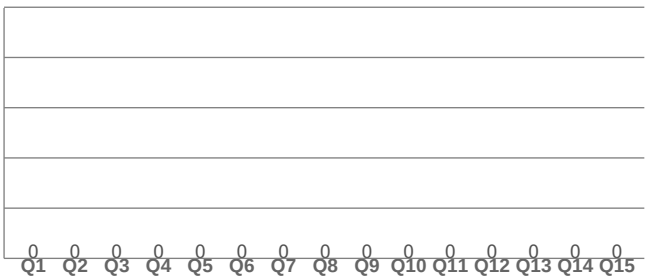
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.152	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

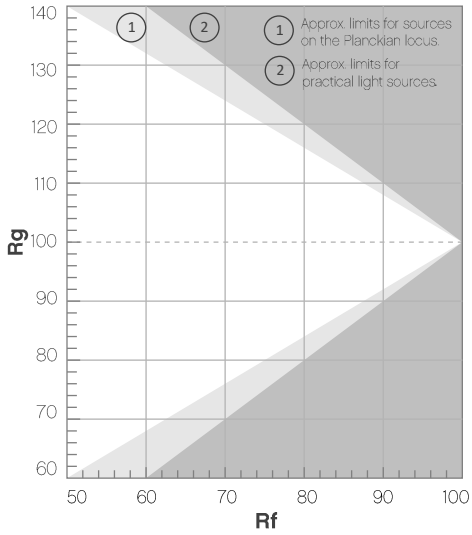
WELL Panel: Blue Only

TM-30-18 Details

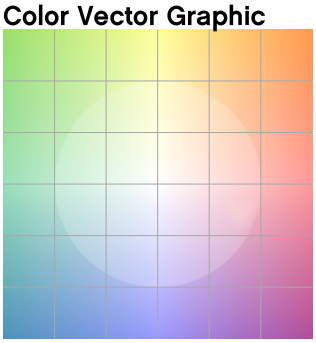
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

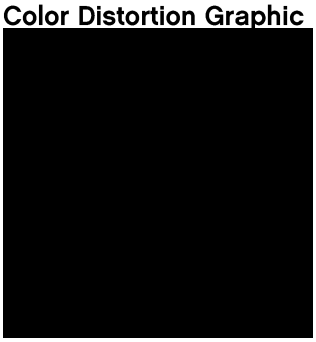
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



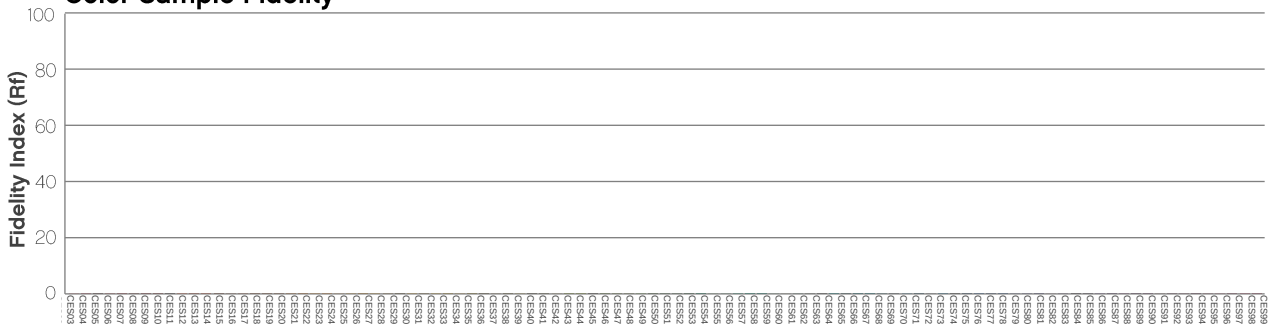
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

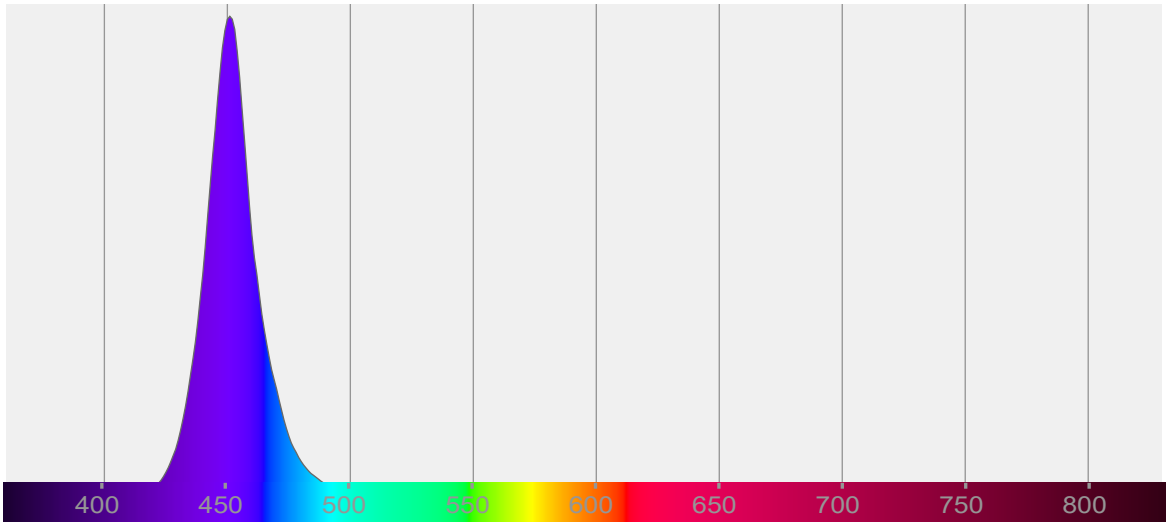
Total Lumens: 368 lm
Peak Intensity: 791 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

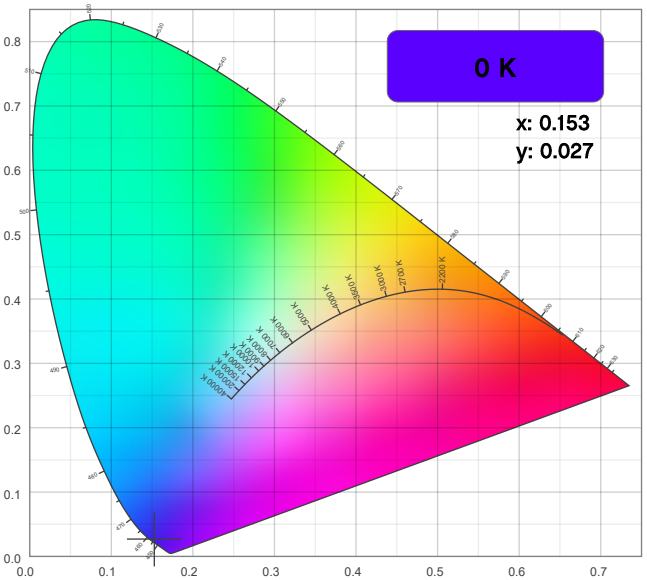
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Chromaticity Report

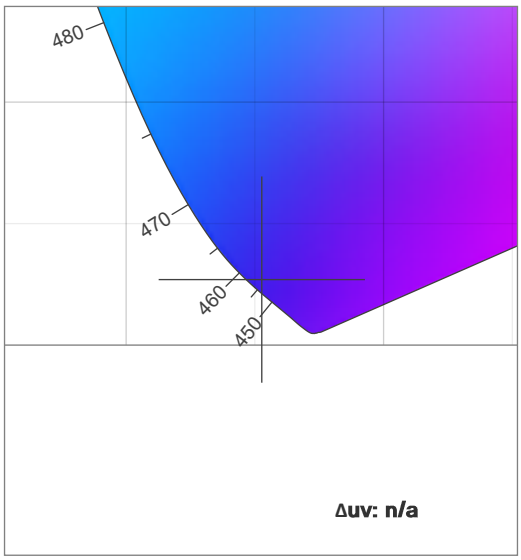
WELL Panel: Blue Only

Chromaticity

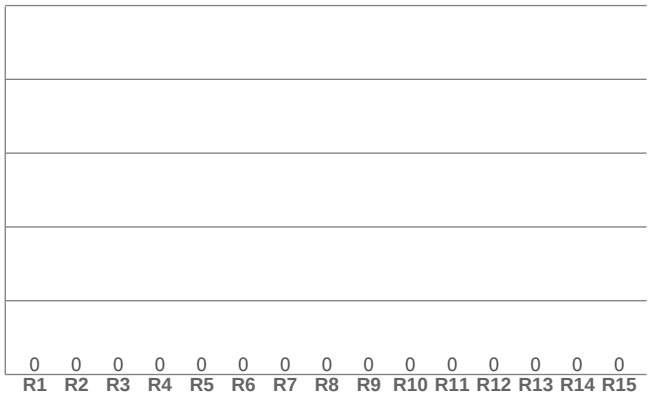
CIE 1931



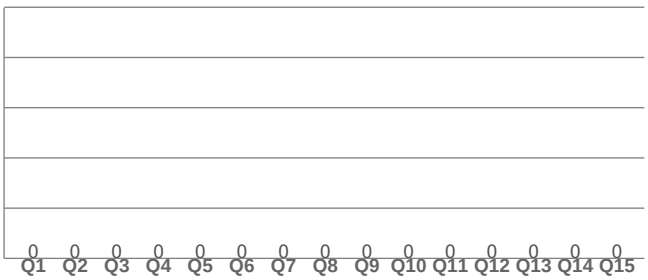
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

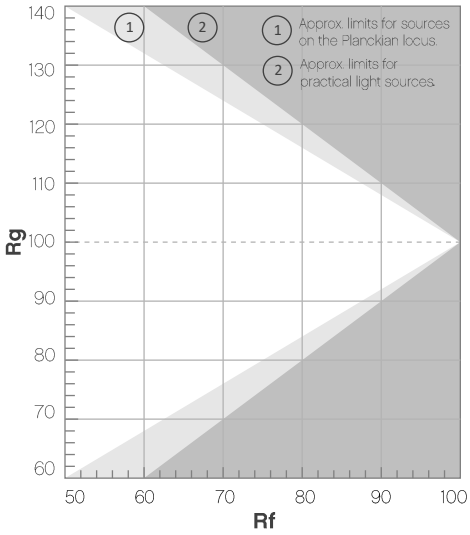
WELL Panel: Blue Only

TM-30-18 Details

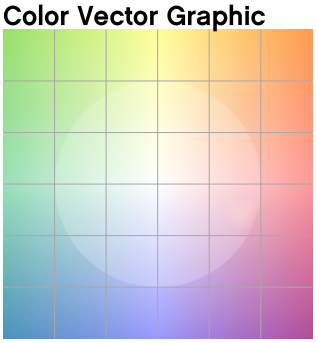
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

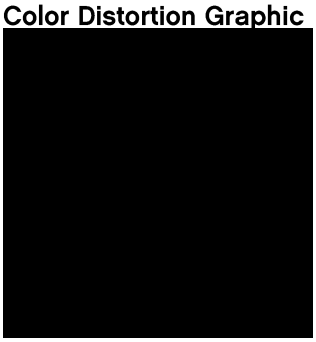
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
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8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



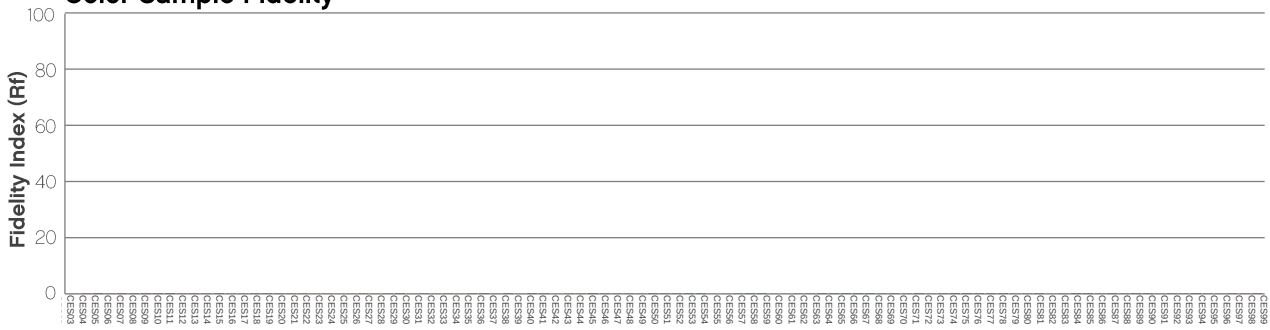
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

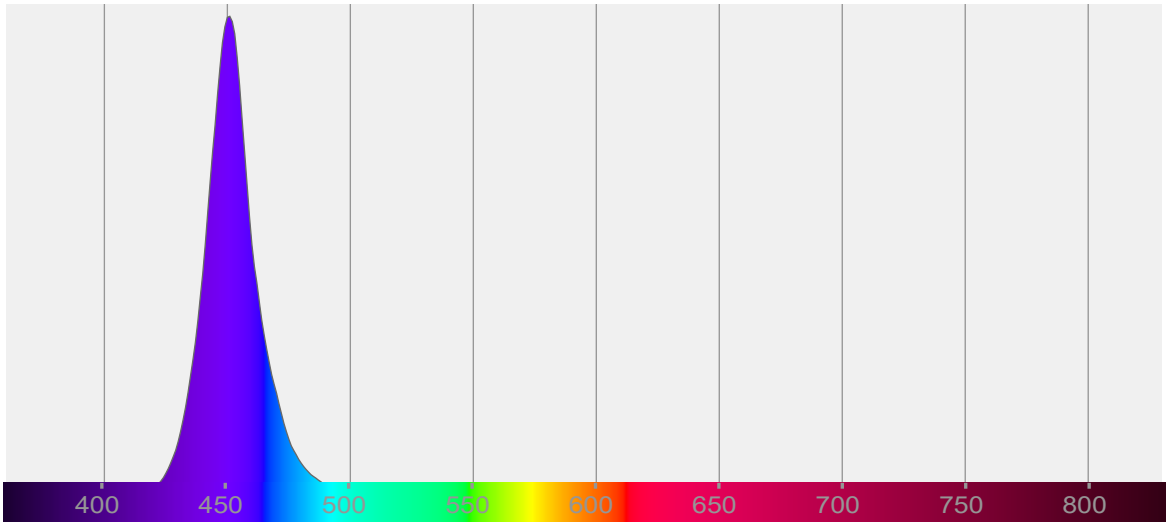
Total Lumens: 230 lm
Peak Intensity: 492 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.027

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

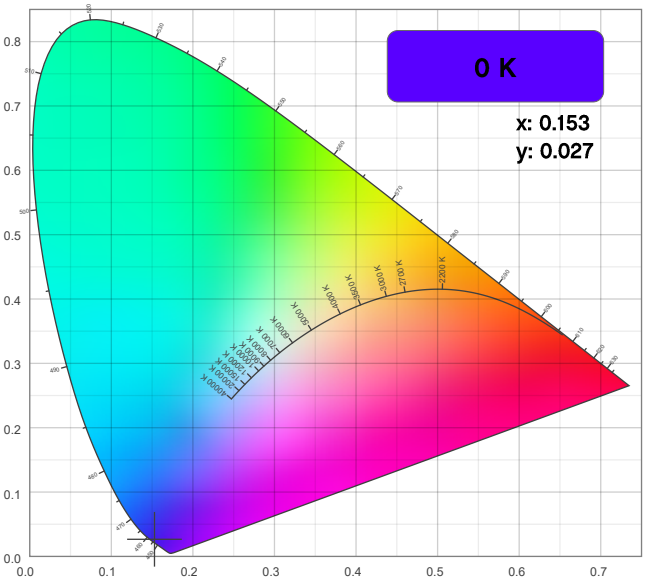
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Chromaticity Report

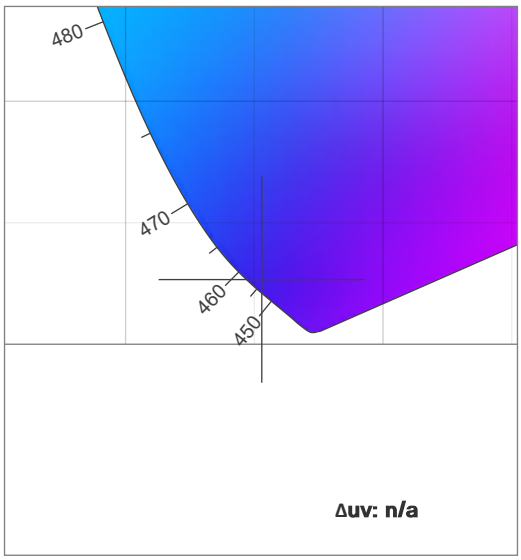
WELL Panel: Blue Only

Chromaticity

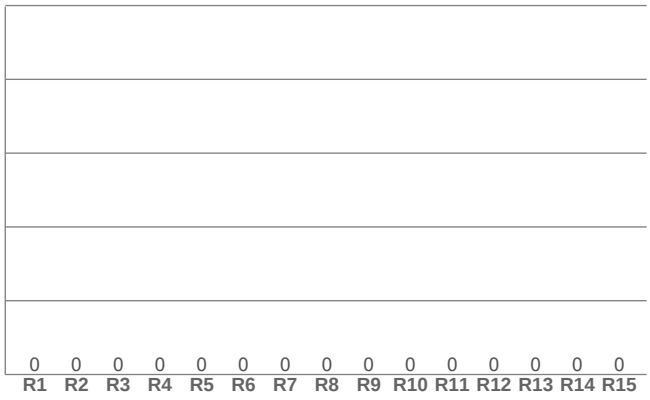
CIE 1931



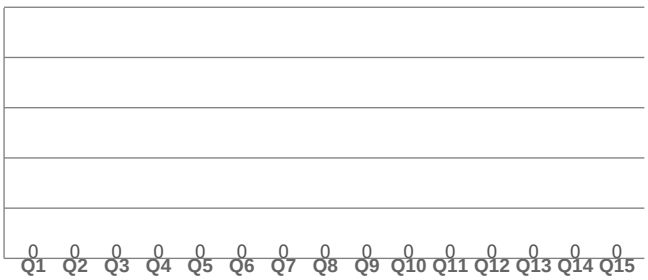
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.027

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.027	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

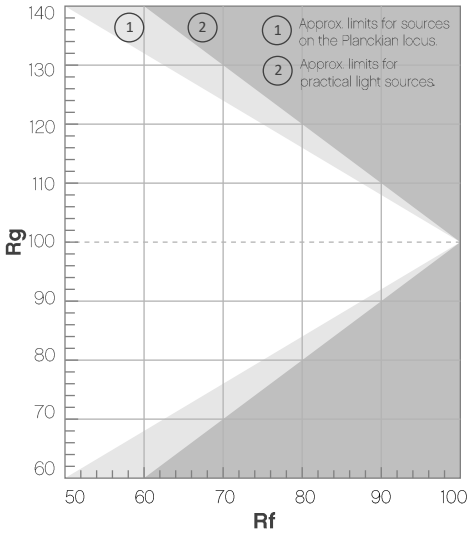
WELL Panel: Blue Only

TM-30-18 Details

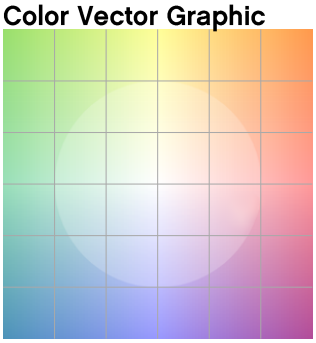
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



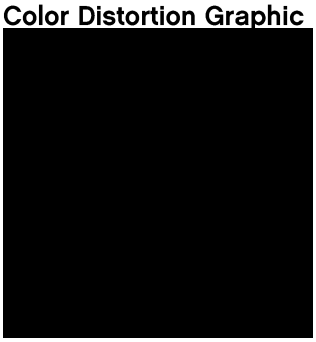
Color Vector Graphic



Rf by Hue Bin



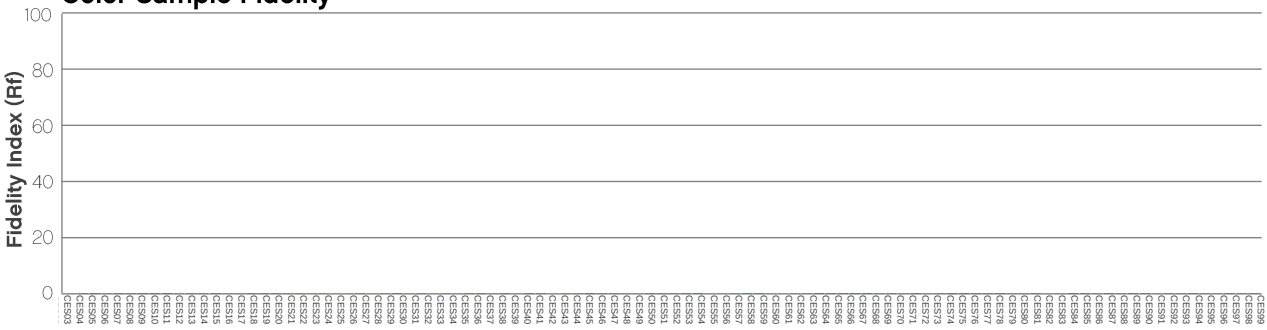
Color Distortion Graphic



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: Blue Only

Report Summary

Measurements

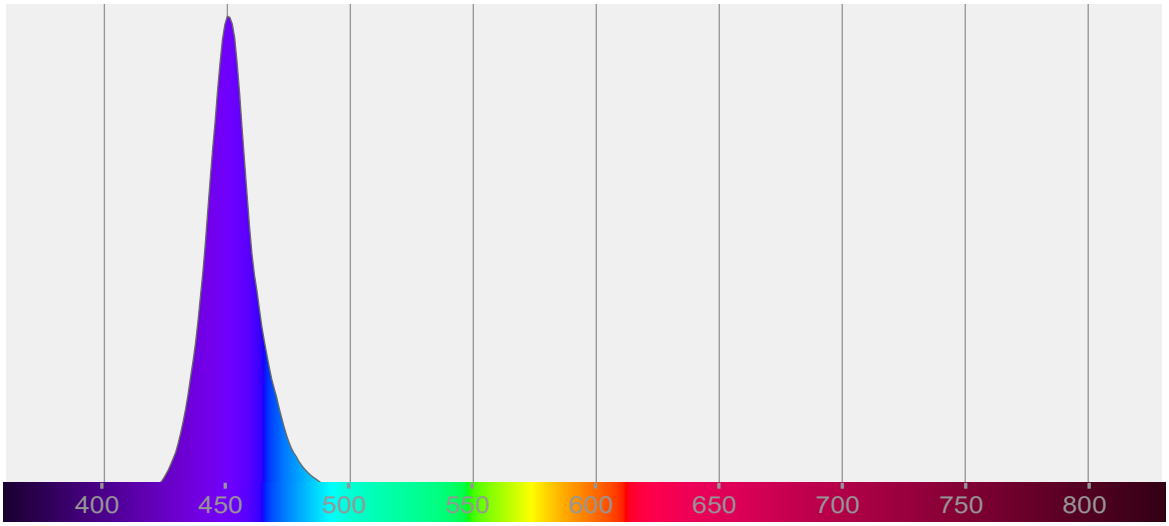
Total Lumens: 145 lm
Peak Intensity: 317 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: n/a nM



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.153 Y: 0.026

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

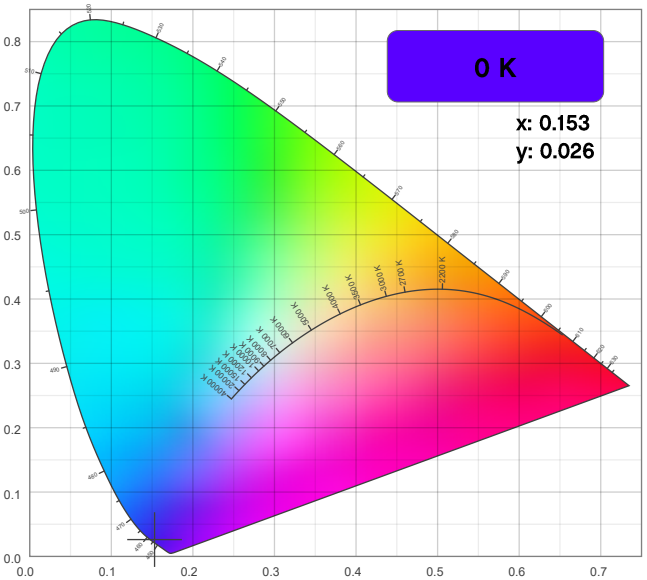
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Chromaticity Report

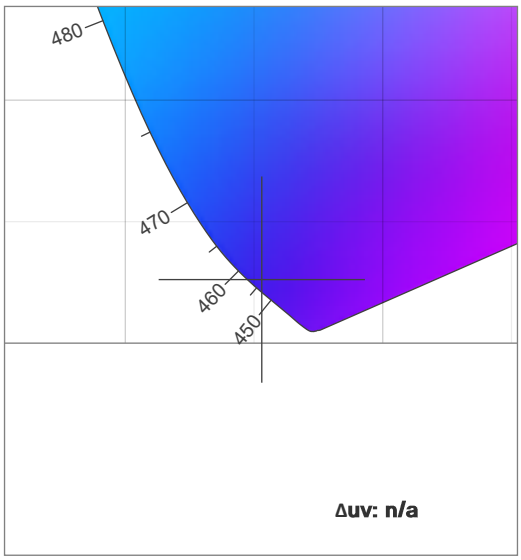
WELL Panel: Blue Only

Chromaticity

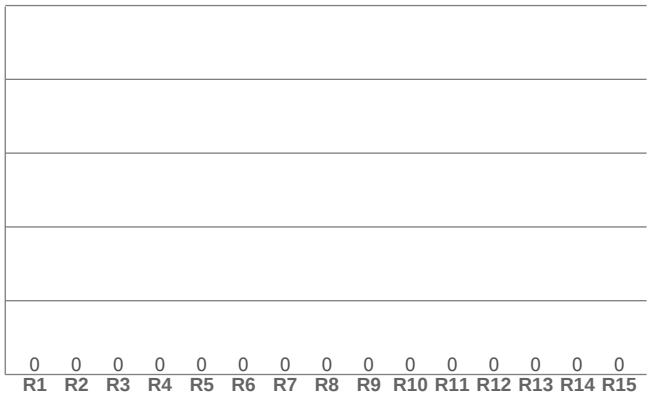
CIE 1931



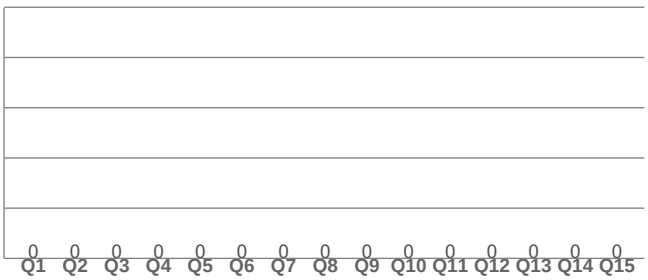
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.026

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.026	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

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Chromaticity Report

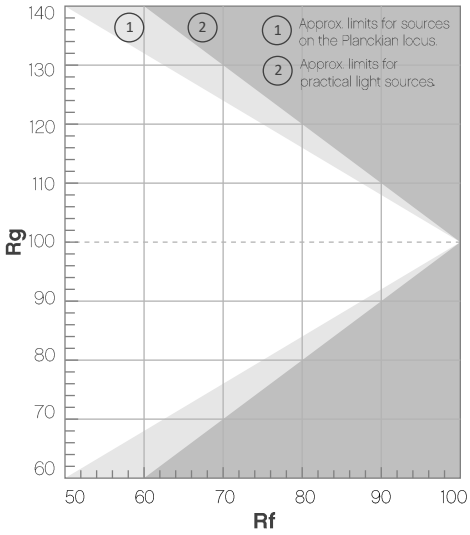
WELL Panel: Blue Only

TM-30-18 Details

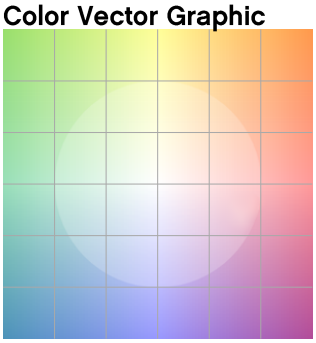
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

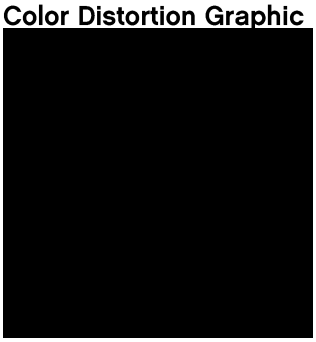
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



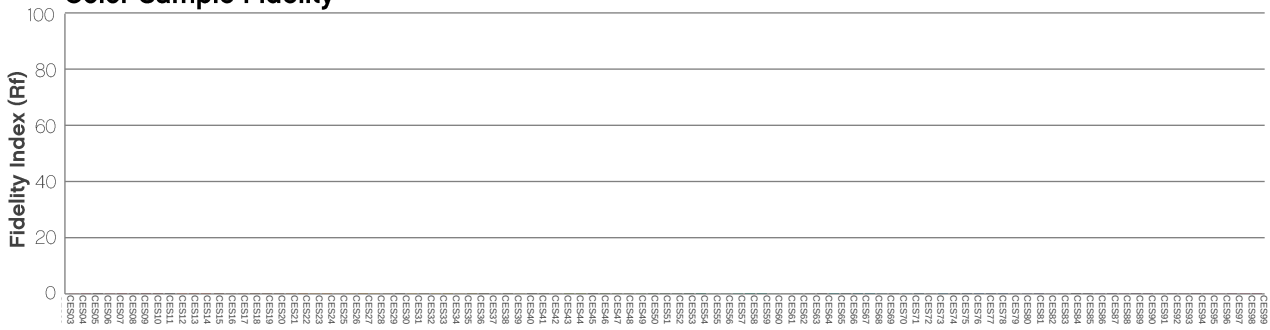
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

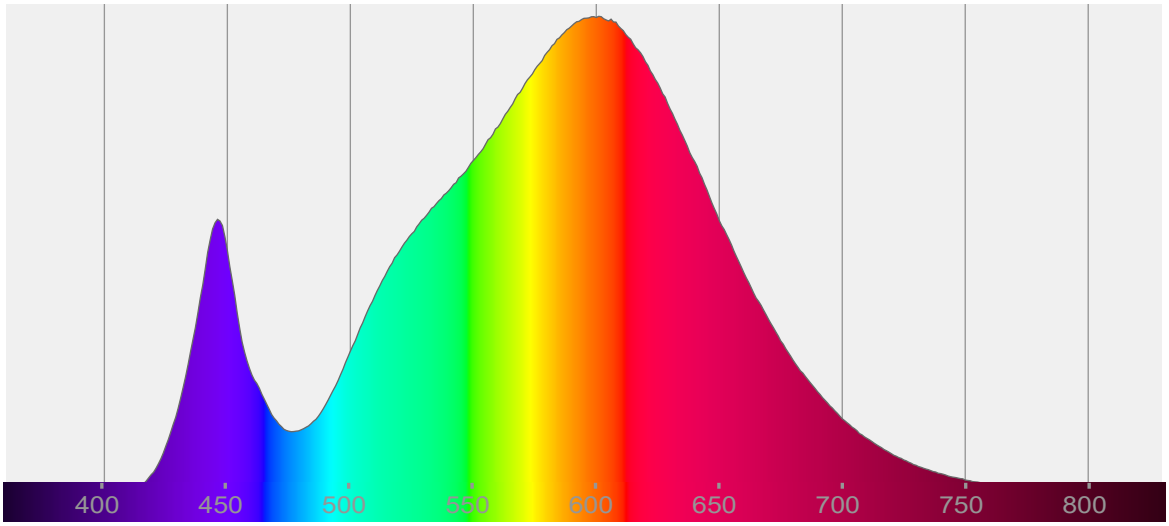
Total Lumens: 2853 lm
Peak Intensity: 6596 cd
Fixture Efficacy: 10 lm/W

Correlated Color Temperature: 3171K
Δuv: 0.0026

CRI: 78.9 CRI R9 Value: -1.2
CQS: 79.0
TLCI: 62
TM-30-18 Rf: 79.1
TM-30-18 Rg: 97.2
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3171 K

CIE 1931 Coordinates:
X: 0.429 Y: 0.407

Color Temperature

3171 K

Light Quality

CRI: 78.9

Notes:

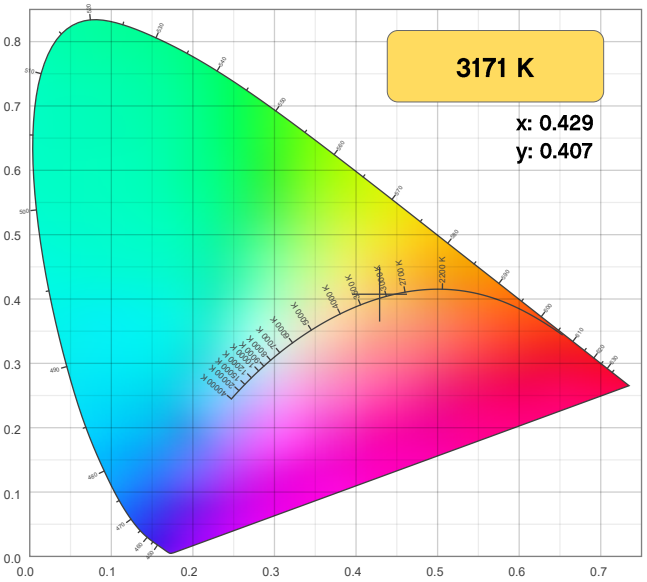
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Chromaticity Report

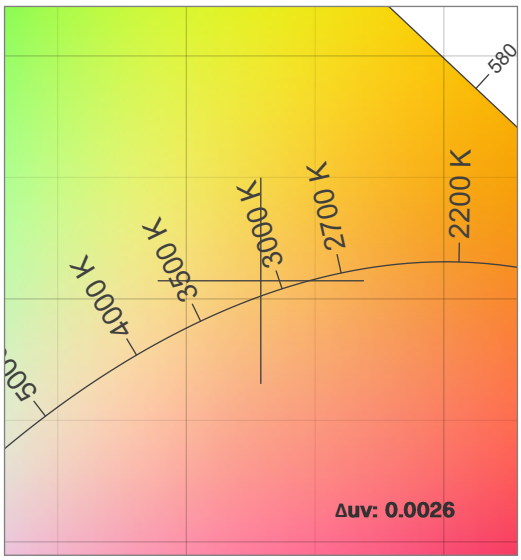
WELL Panel: White Only

Chromaticity

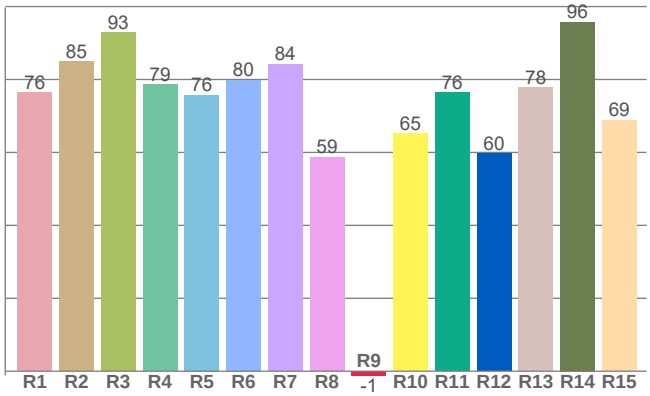
CIE 1931



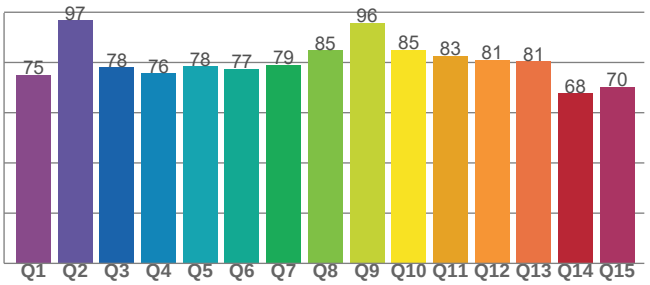
CIE 1931 - Zoom



CRI: 78.9 (R1-R8)



CQS: 79.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3171 K	0.429	0.407

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0026	0.407	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78.9	-1.2	79.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.1	97.2

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Chromaticity Report

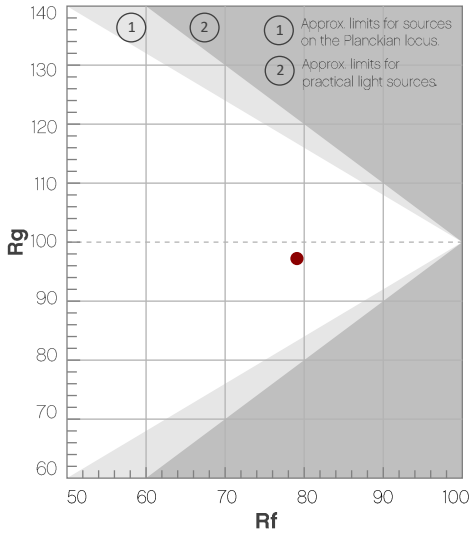
WELL Panel: White Only

TM-30-18 Details

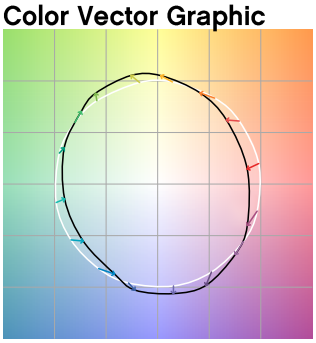
Rf 79.1
Fidelity Index (Rg)

Rg 97.2
Gamut Index (Rg)

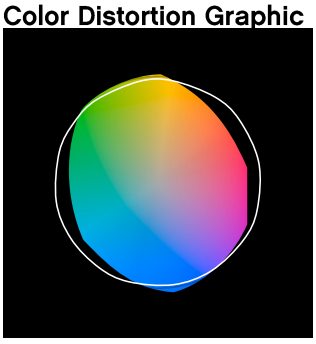
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	69	-4%	15%
4	77	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-4%	-6%
9	85	-9%	-2%
10	76	-9%	8%
11	72	-4%	16%
12	83	6%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-15%



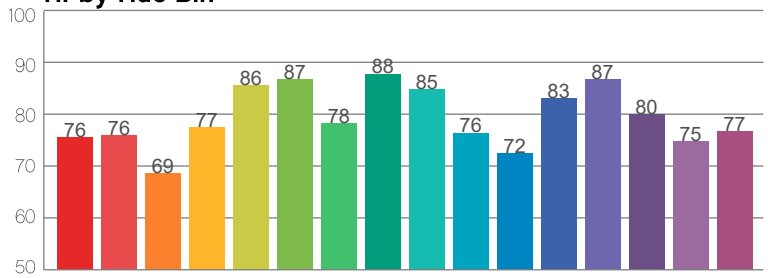
Color Vector Graphic



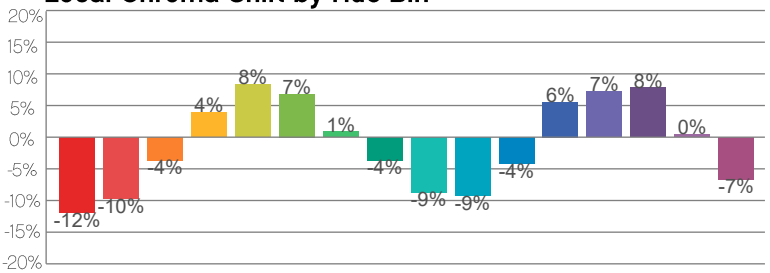
Color Distortion Graphic



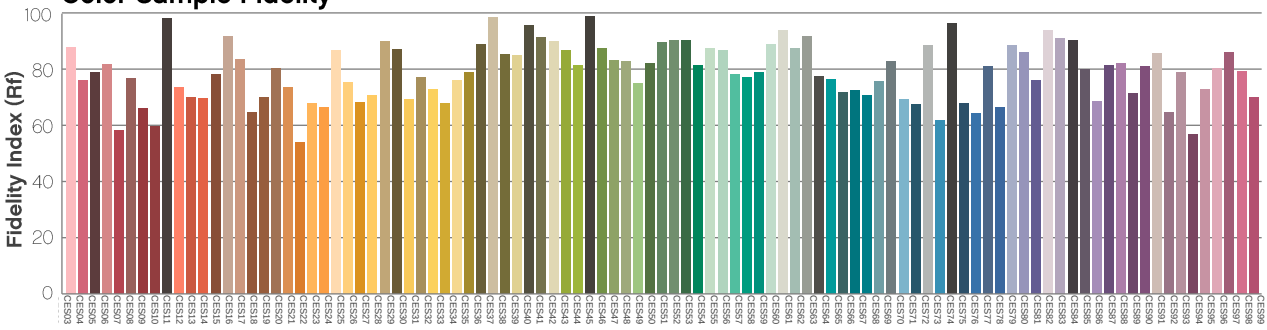
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

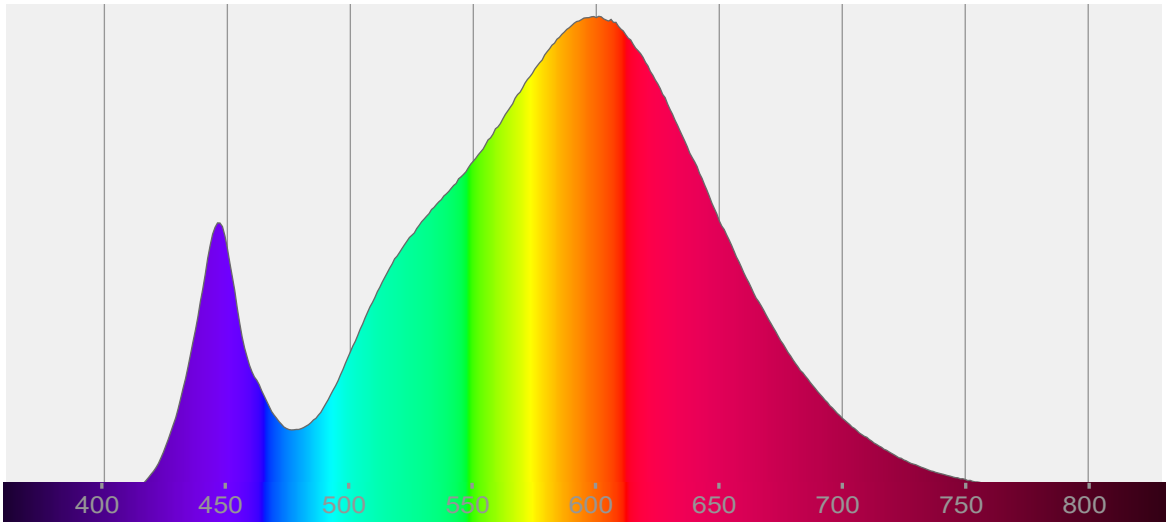
Total Lumens: 2807 lm
Peak Intensity: 6514 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3170K
Δuv: 0.0024

CRI: 78.9 CRI R9 Value: -1.4
CQS: 78.9
TLCI: 62
TM-30-18 Rf: 79.1
TM-30-18 Rg: 97.1
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3170 K

CIE 1931 Coordinates:
X: 0.429 Y: 0.407

Color Temperature

3170 K

Light Quality

CRI: 78.9

Notes:

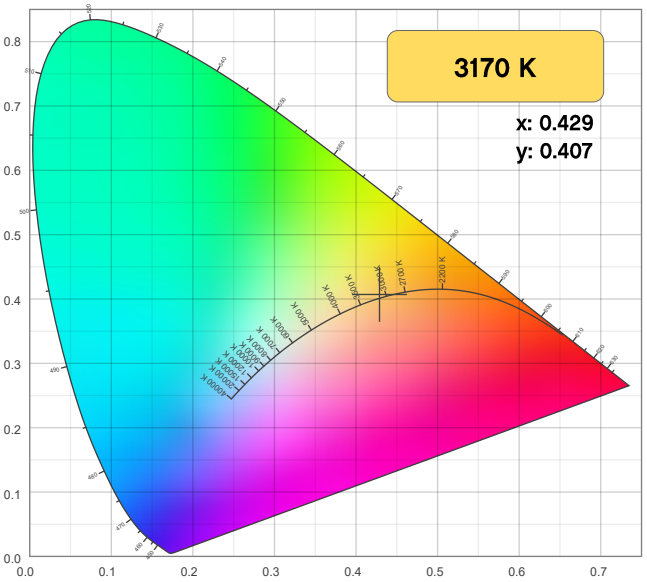
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Chromaticity Report

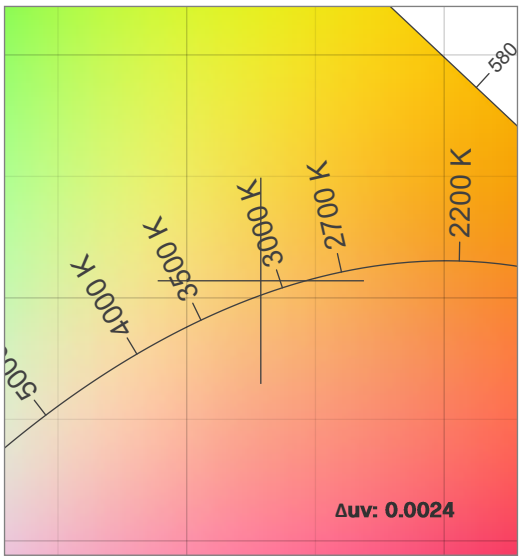
WELL Panel: White Only

Chromaticity

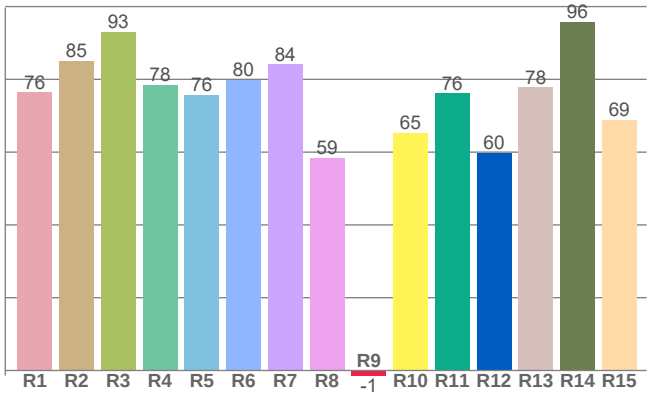
CIE 1931



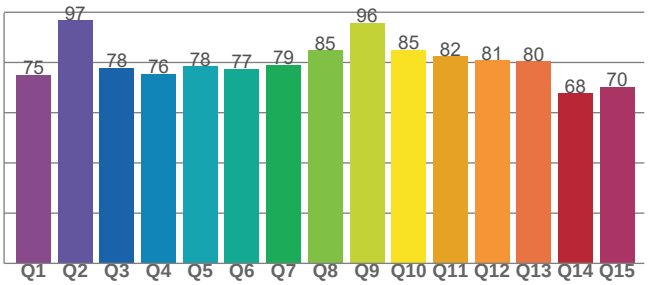
CIE 1931 - Zoom



CRI: 78.9 (R1-R8)



CQS: 78.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3170 K	0.429	0.407

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0024	0.407	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78.9	-1.4	78.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.1	97.1

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Chromaticity Report

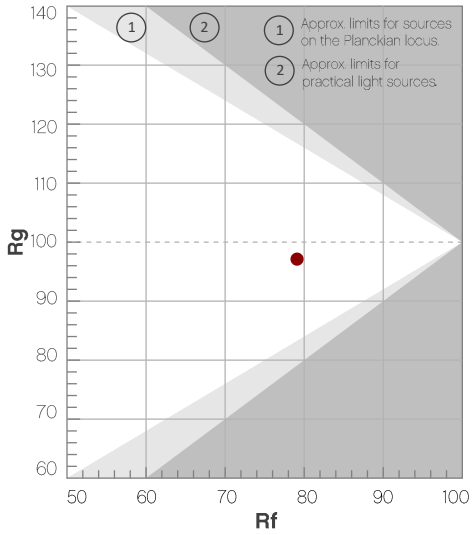
WELL Panel: White Only

TM-30-18 Details

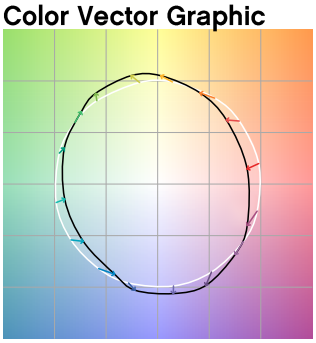
Rf 79.1
Fidelity Index (Rg)

Rg 97.1
Gamut Index (Rg)

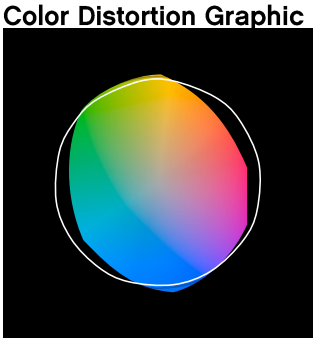
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	68	-4%	15%
4	78	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	79	1%	-12%
8	88	-4%	-6%
9	85	-9%	-2%
10	76	-9%	8%
11	72	-4%	16%
12	83	6%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-16%



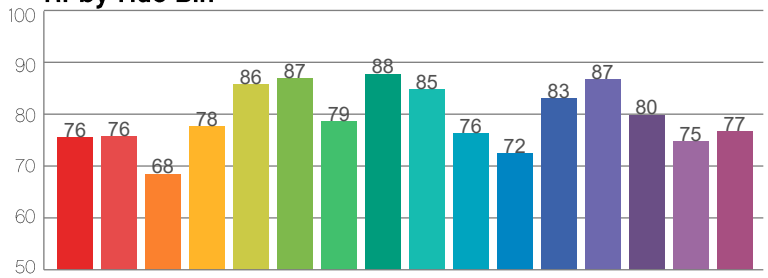
Color Vector Graphic



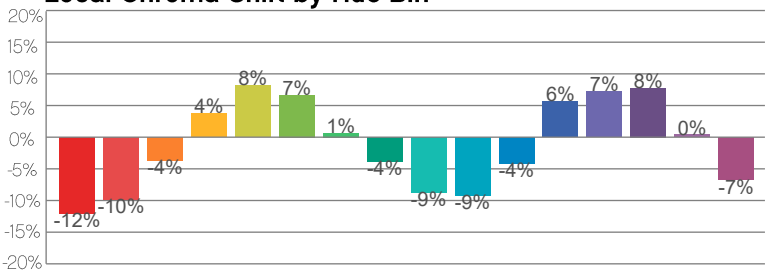
Color Distortion Graphic



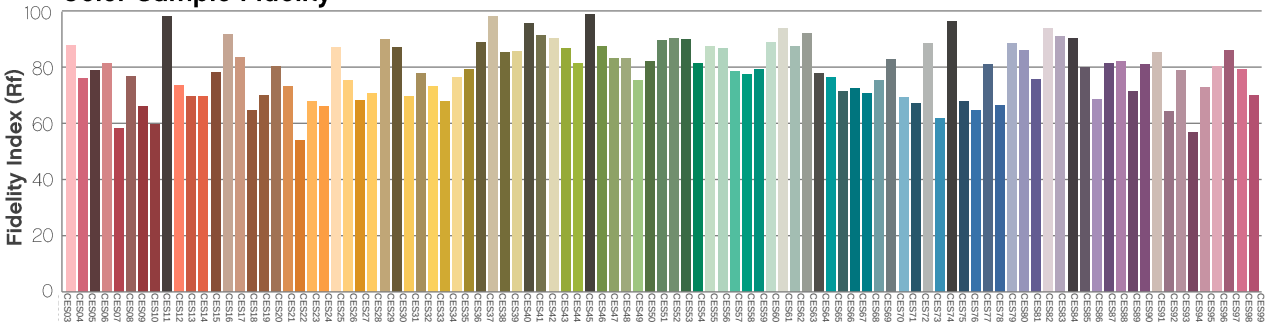
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

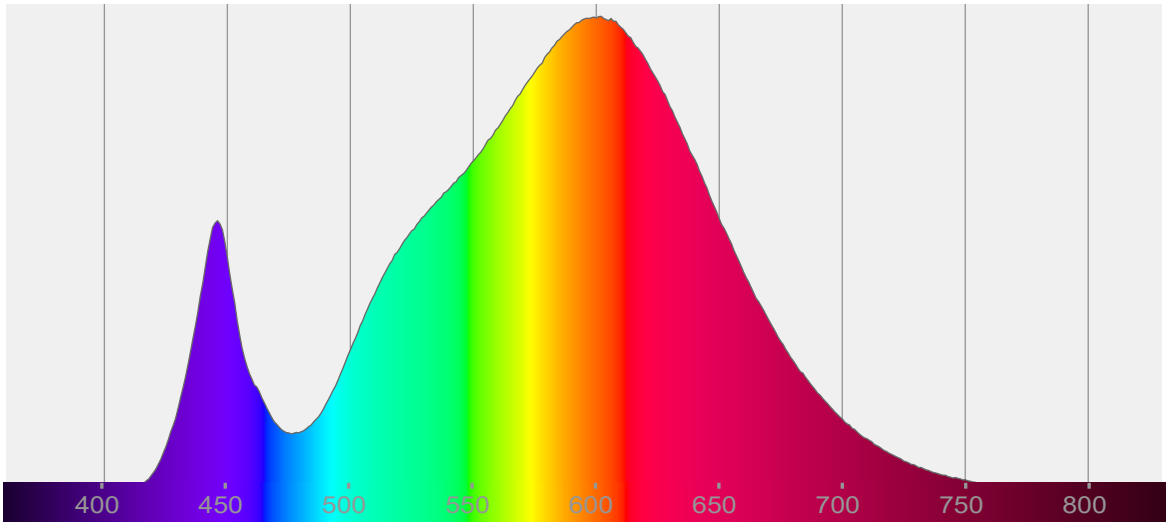
Total Lumens: 1450 lm
Peak Intensity: 3363 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3168K
Δuv: 0.0029

CRI: 79.2 CRI R9 Value: -0.3
CQS: 79.4
TLCI: 62
TM-30-18 Rf: 79.4
TM-30-18 Rg: 97.3
1st Dominant Wavelength: 602 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3168 K
CIE 1931 Coordinates:
X: 0.430 Y: 0.409

Color Temperature

3168 K

Light Quality

CRI: 79.2

Notes:

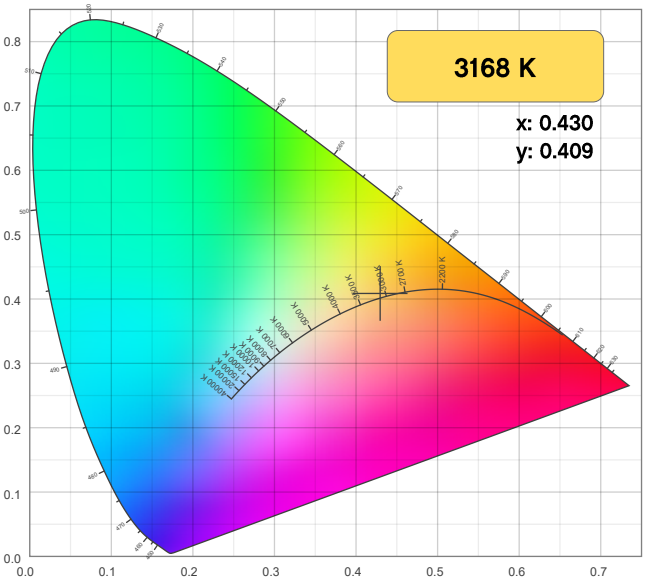
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Chromaticity Report

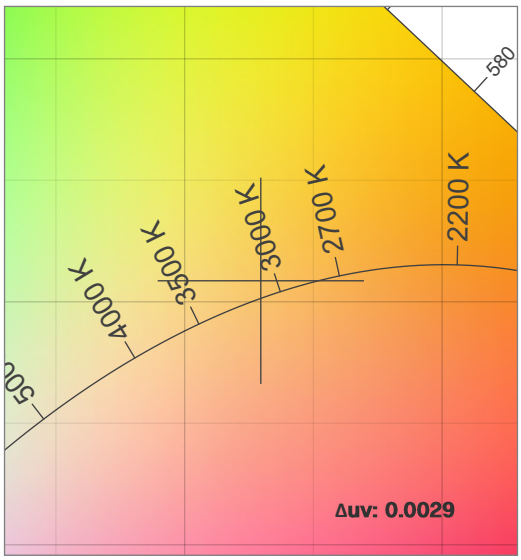
WELL Panel: White Only

Chromaticity

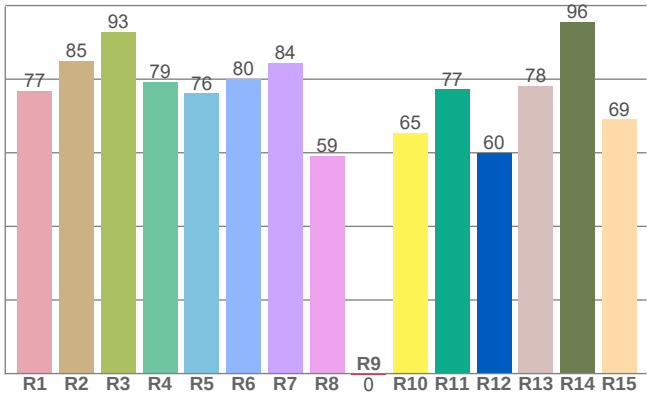
CIE 1931



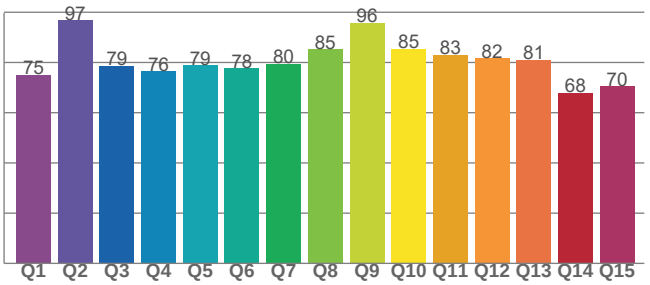
CIE 1931 - Zoom



CRI: 79.2 (R1-R8)



CQS: 79.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3168 K	0.430	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0029	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.2	-0.3	79.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.4	97.3

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Chromaticity Report

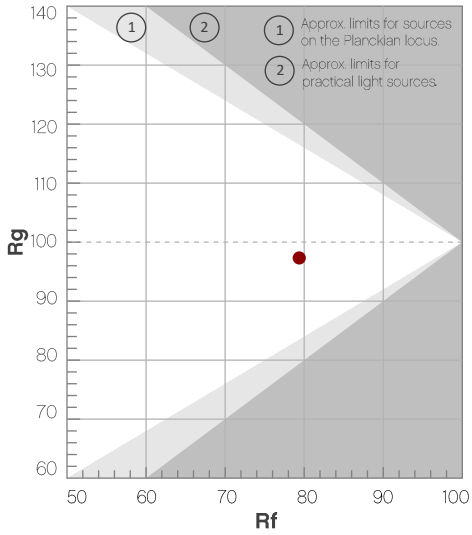
WELL Panel: White Only

TM-30-18 Details

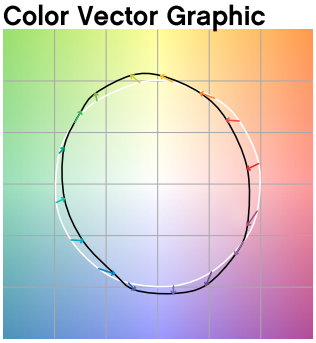
Rf 79.4
Fidelity Index (Rg)

Rg 97.3
Gamut Index (Rg)

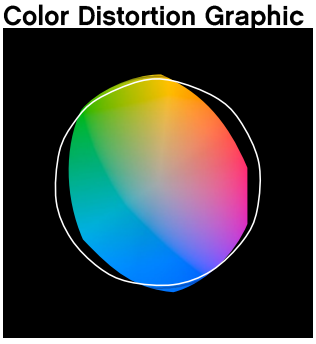
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	69	-4%	14%
4	78	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-9%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-15%



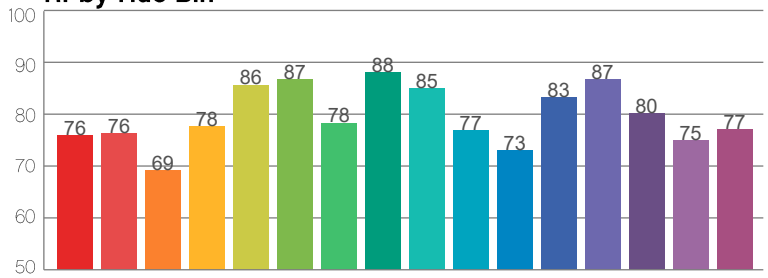
Color Vector Graphic



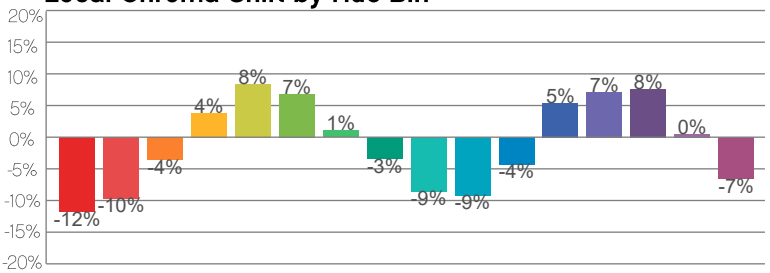
Color Distortion Graphic



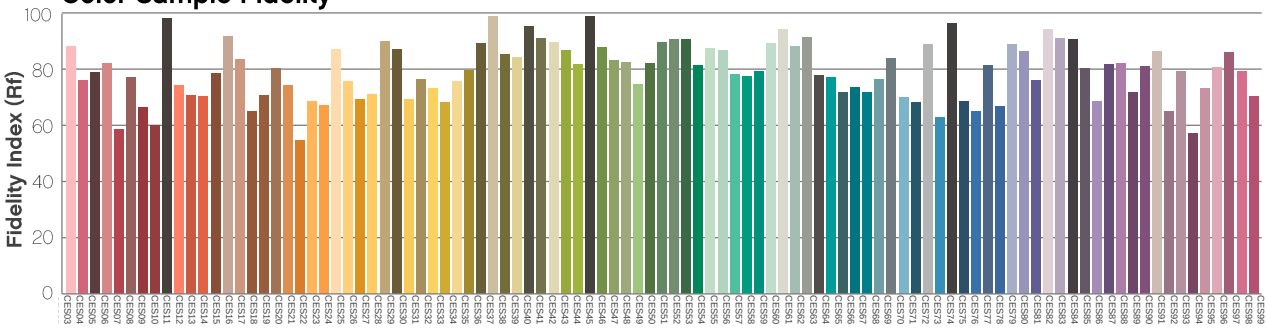
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

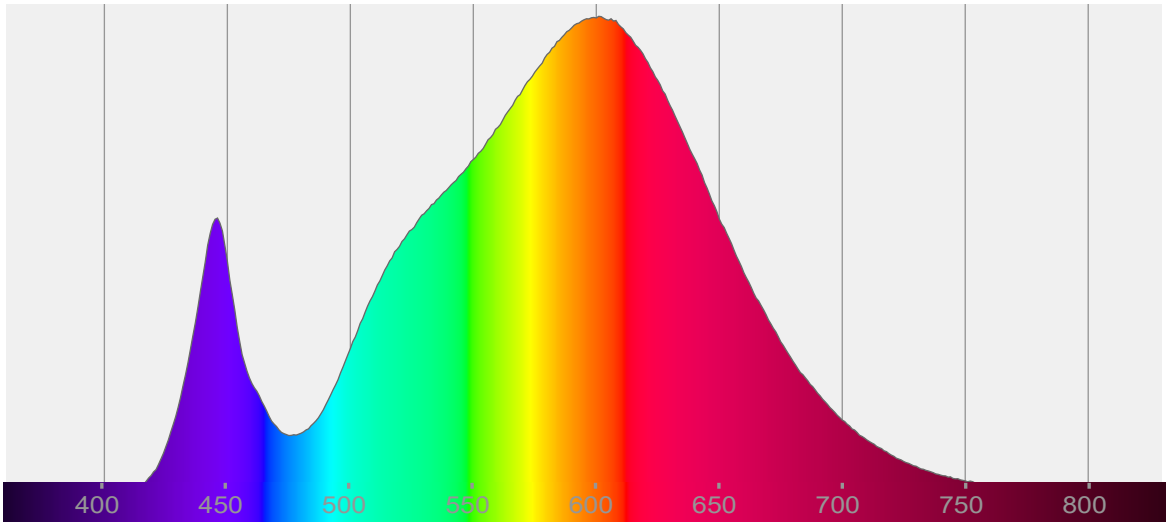
Total Lumens: 923 lm
Peak Intensity: 2133 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3172K
Δuv: 0.0032

CRI: 79.3 CRI R9 Value: 0.1
CQS: 79.5
TLCI: 62
TM-30-18 Rf: 79.4
TM-30-18 Rg: 97.4
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3172 K
CIE 1931 Coordinates:
X: 0.430 Y: 0.409

Color Temperature

3172 K

Light Quality

CRI: 79.3

Notes:

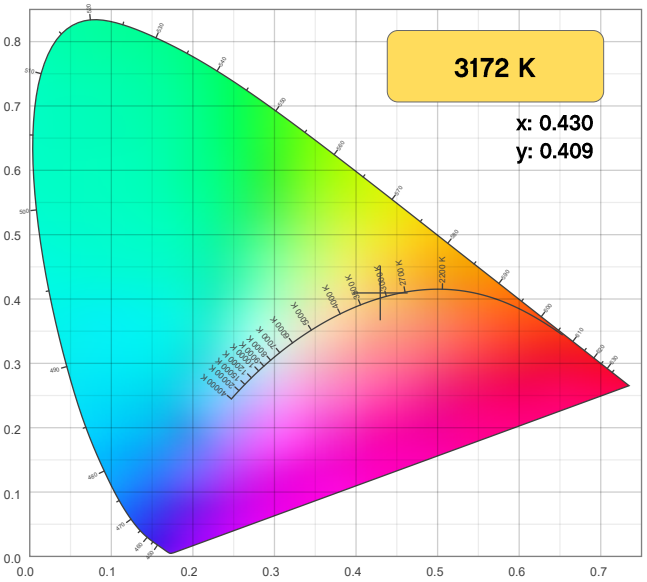
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Chromaticity Report

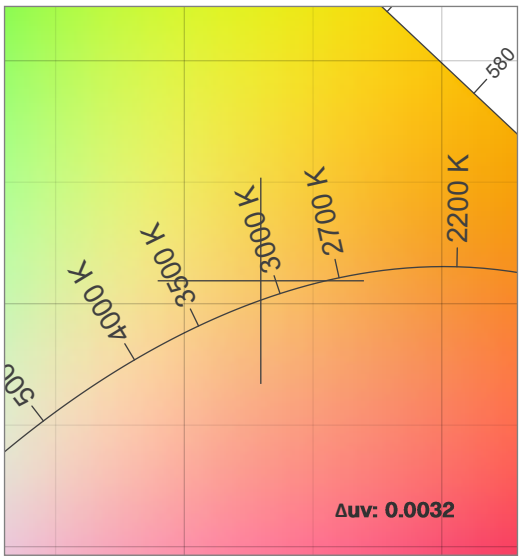
WELL Panel: White Only

Chromaticity

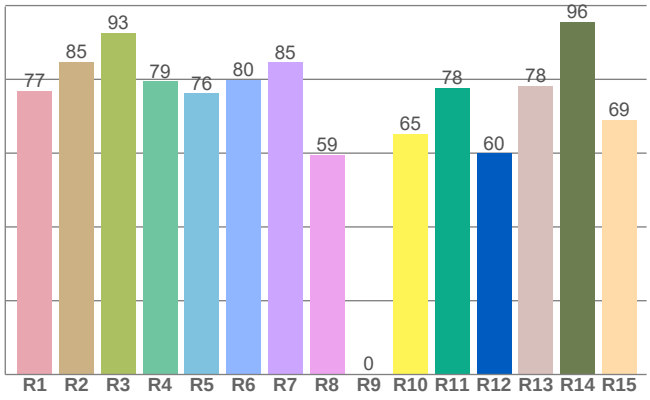
CIE 1931



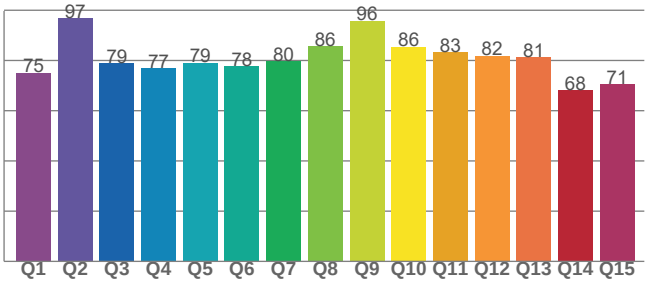
CIE 1931 - Zoom



CRI: 79.3 (R1-R8)



CQS: 79.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3172 K	0.430	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0032	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	0.1	79.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.4	97.4

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Chromaticity Report

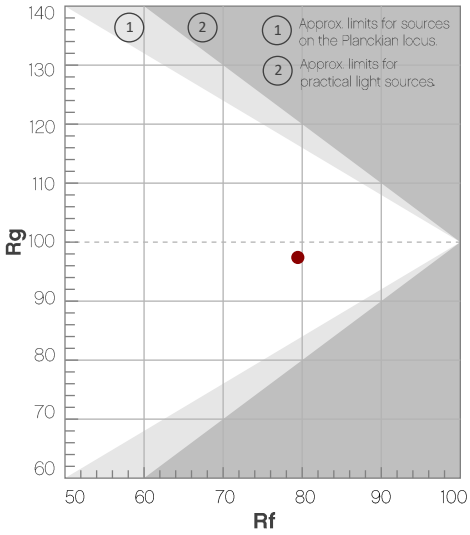
WELL Panel: White Only

TM-30-18 Details

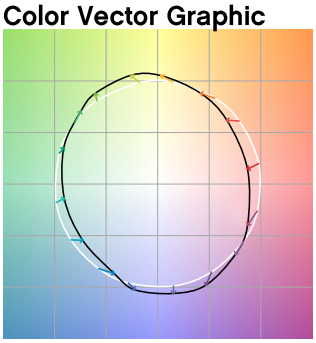
Rf 79.4
Fidelity Index (Rg)

Rg 97.4
Gamut Index (Rg)

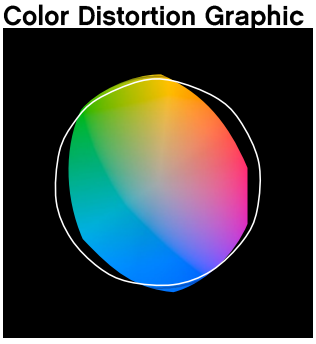
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	69	-4%	14%
4	78	4%	12%
5	86	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	1%	-15%
16	77	-6%	-15%



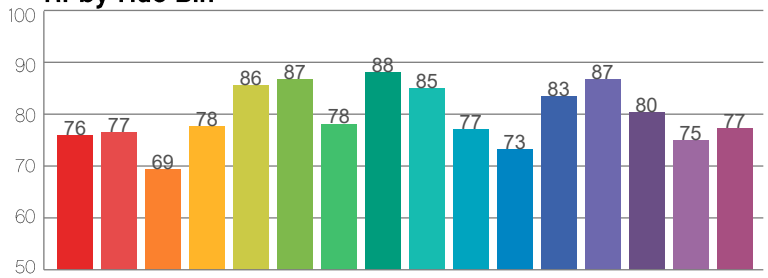
Color Vector Graphic



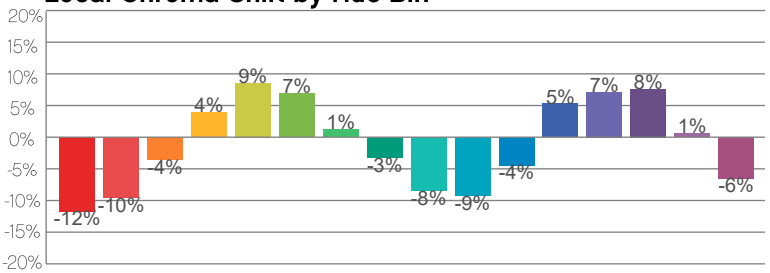
Color Distortion Graphic



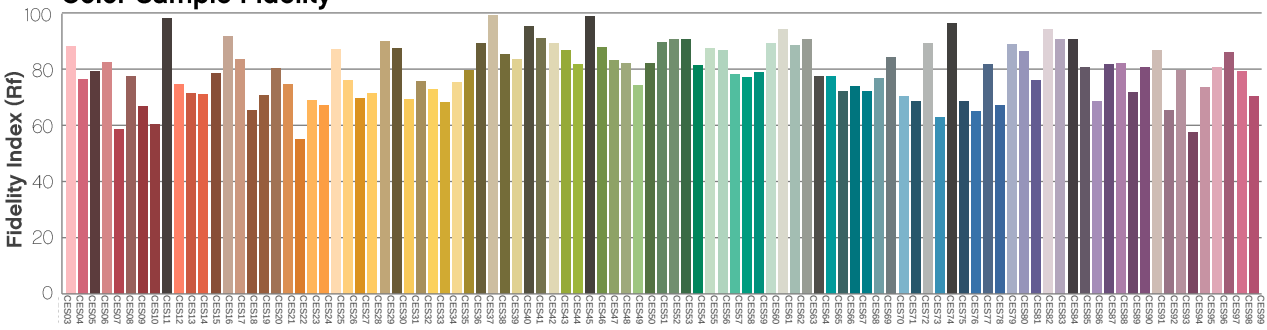
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: White Only

Report Summary

Measurements

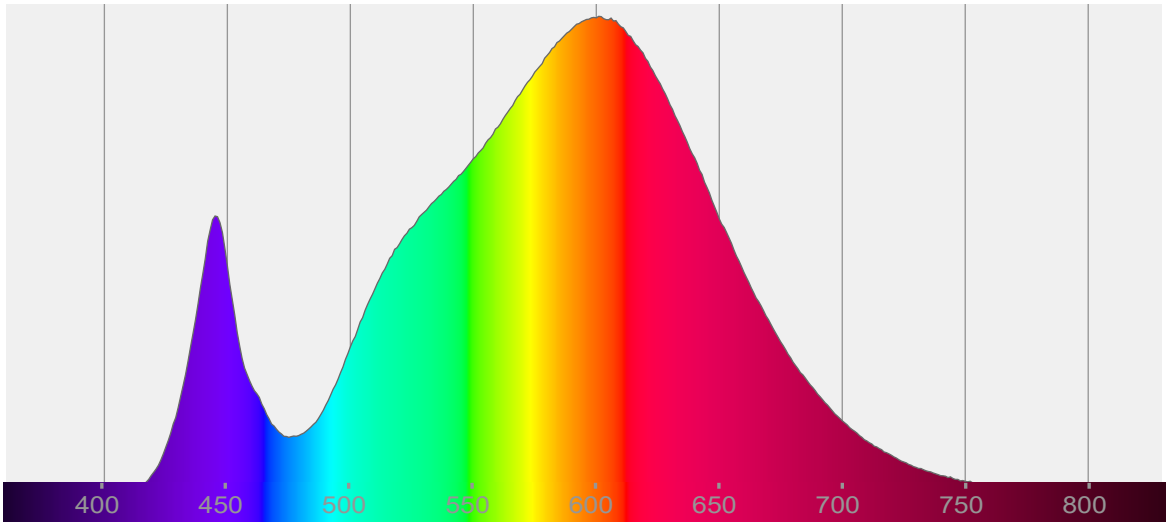
Total Lumens: 602 lm
Peak Intensity: 1392 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3175K
Δuv: 0.0035

CRI: 79.3 CRI R9 Value: 0.5
CQS: 79.7
TLCI: 62
TM-30-18 Rf: 79.5
TM-30-18 Rg: 97.5
1st Dominant Wavelength: 601 nM
2nd Dominant Wavelength: 445 nM



Spectral Distribution



Tested Color

3175 K
CIE 1931 Coordinates:
X: 0.430 Y: 0.410

Color Temperature

3175 K

Light Quality

CRI: 79.3

Notes:

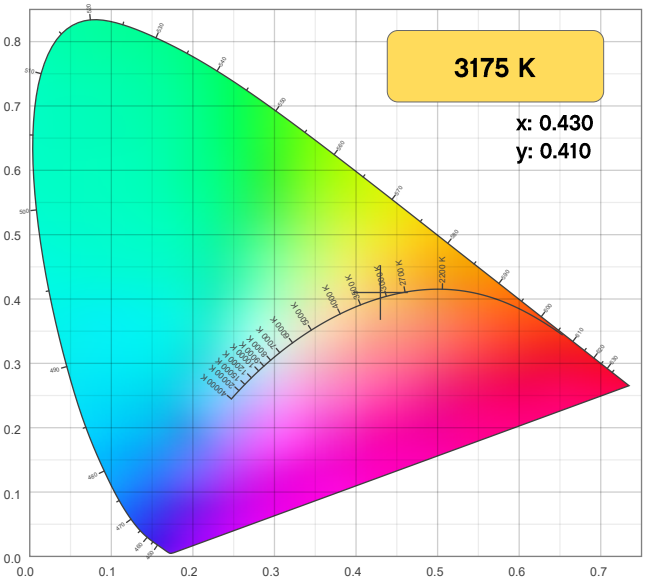
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Chromaticity Report

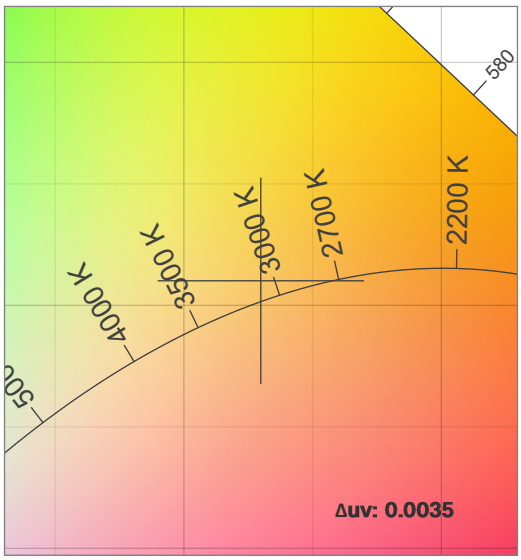
WELL Panel: White Only

Chromaticity

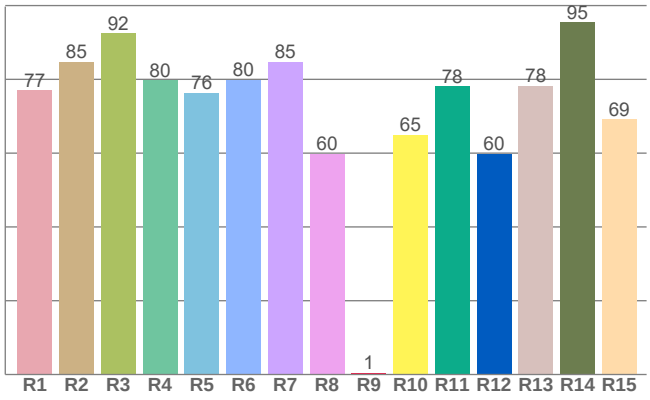
CIE 1931



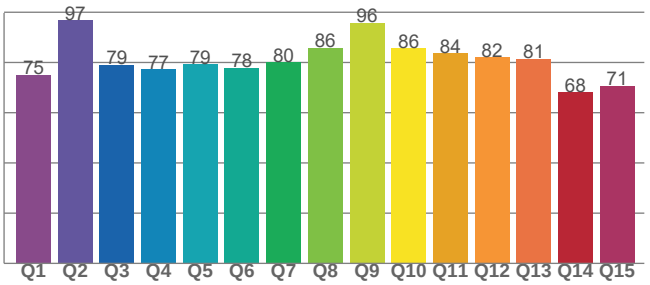
CIE 1931 - Zoom



CRI: 79.3 (R1-R8)



CQS: 79.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3175 K	0.430	0.410

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0035	0.410	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	0.5	79.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.5	97.5

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Chromaticity Report

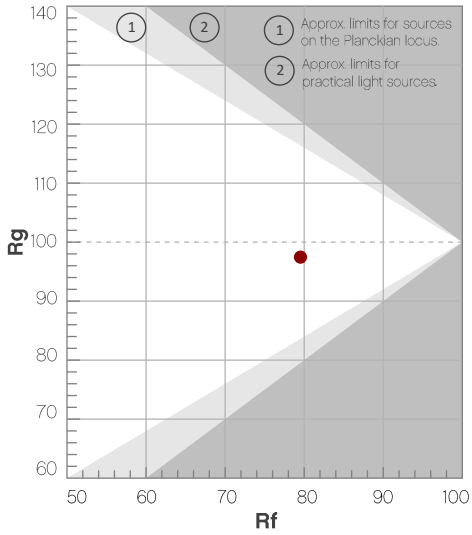
WELL Panel: White Only

TM-30-18 Details

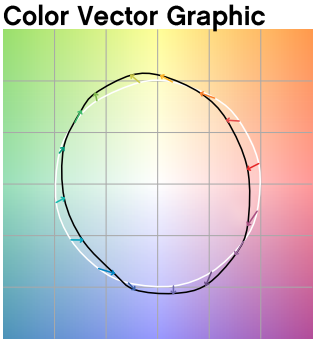
Rf 79.5
Fidelity Index (Rg)

Rg 97.5
Gamut Index (Rg)

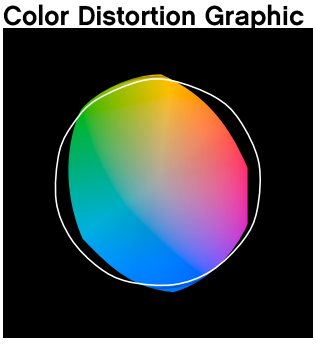
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-10%	7%
3	70	-4%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-8%	-3%
10	77	-9%	6%
11	73	-5%	15%
12	83	5%	7%
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15	75	1%	-15%
16	77	-6%	-15%



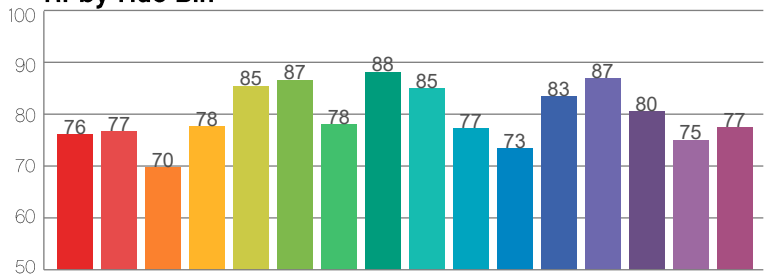
Color Vector Graphic



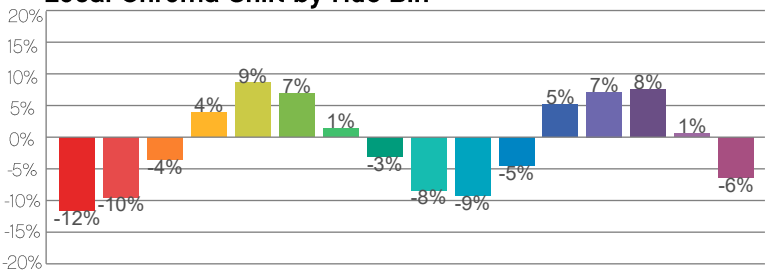
Color Distortion Graphic



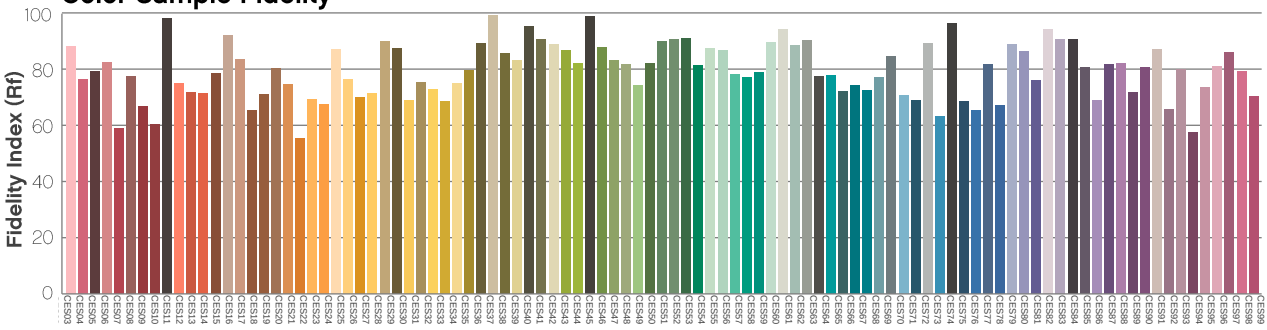
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

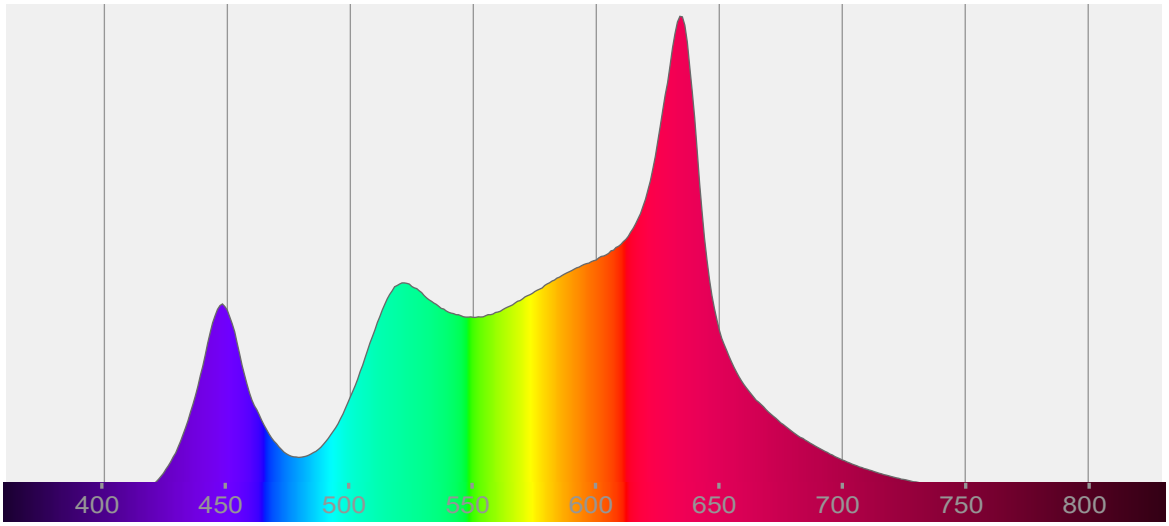
Total Lumens: 3552 lm
Peak Intensity: 8254 cd
Fixture Efficacy: 13 lm/W

Correlated Color Temperature: 3175K
Δuv: -0.0023

CRI: 93.6 CRI R9 Value: 97.7
CQS: 91.5
TLCI: 79
TM-30-18 Rf: 89.4
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 634 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3175 K
CIE 1931 Coordinates:
X: 0.422 Y: 0.393

Color Temperature

3175 K

Light Quality

CRI: 93.6

Notes:

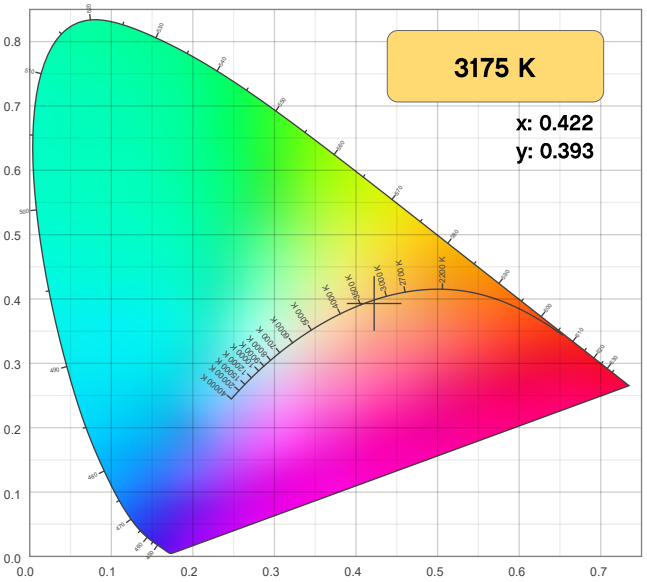
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Chromaticity Report

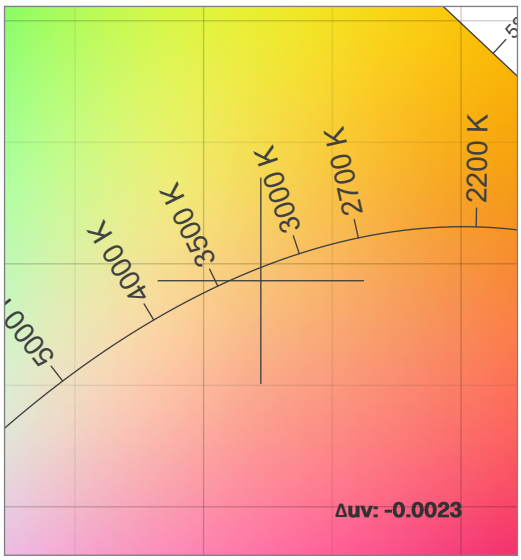
WELL Panel: 3200K

Chromaticity

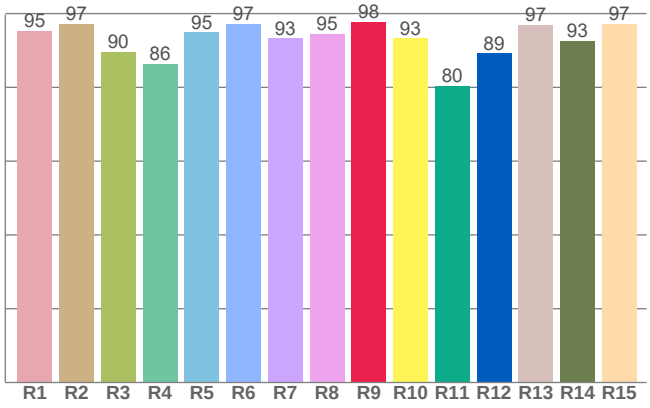
CIE 1931



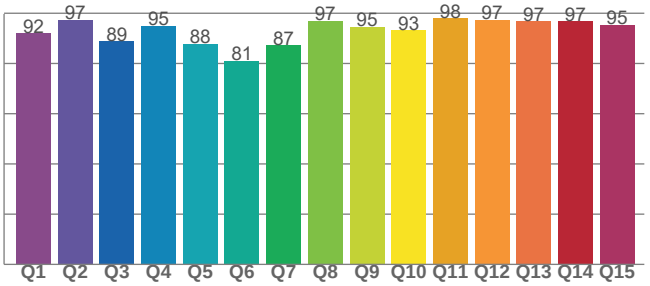
CIE 1931 - Zoom



CRI: 93.6 (R1-R8)



CQS: 91.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3175 K	0.422	0.393

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0023	0.393	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.6	97.7	91.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.4	107.8

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Chromaticity Report

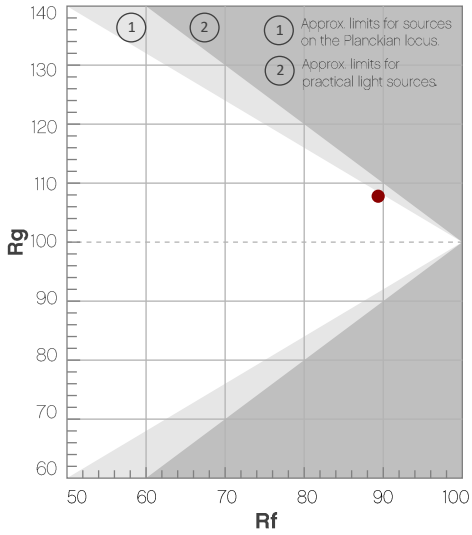
WELL Panel: 3200K

TM-30-18 Details

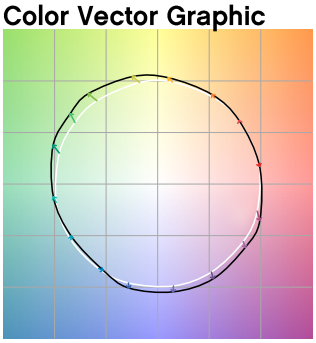
Rf 89.4
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

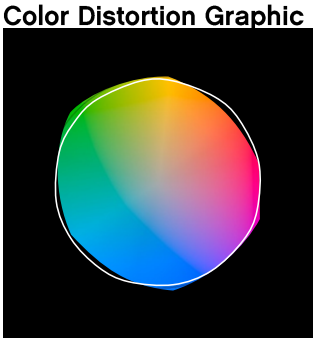
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	95	0%	0%
3	90	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	10%	3%
7	83	9%	-5%
8	83	7%	-6%
9	90	2%	-6%
10	92	-2%	-3%
11	90	-1%	4%
12	89	5%	1%
13	90	6%	-1%
14	90	6%	-2%
15	89	5%	-4%
16	87	4%	-8%



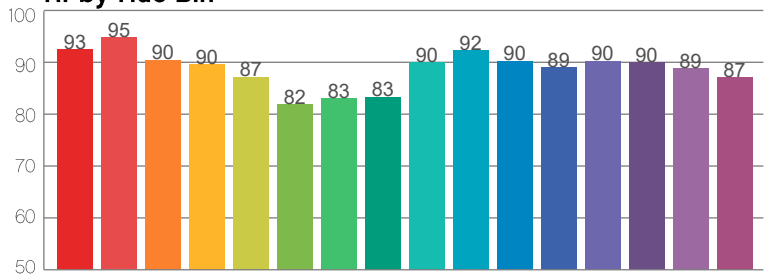
Color Vector Graphic



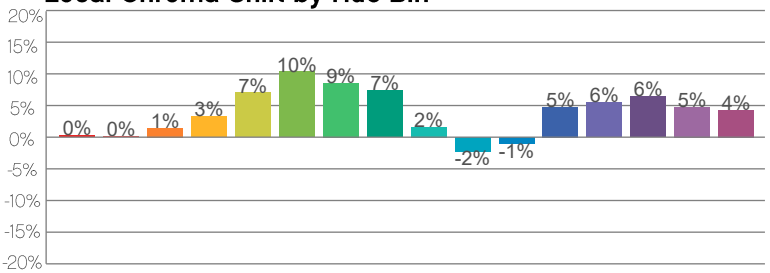
Color Distortion Graphic



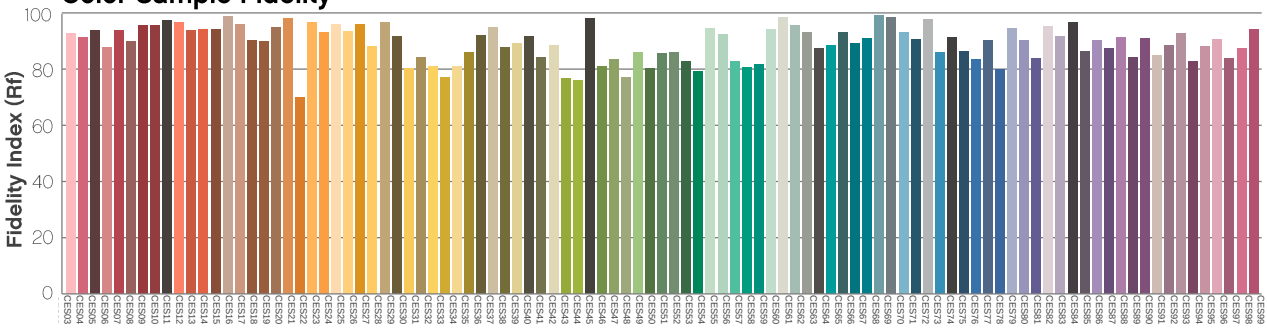
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

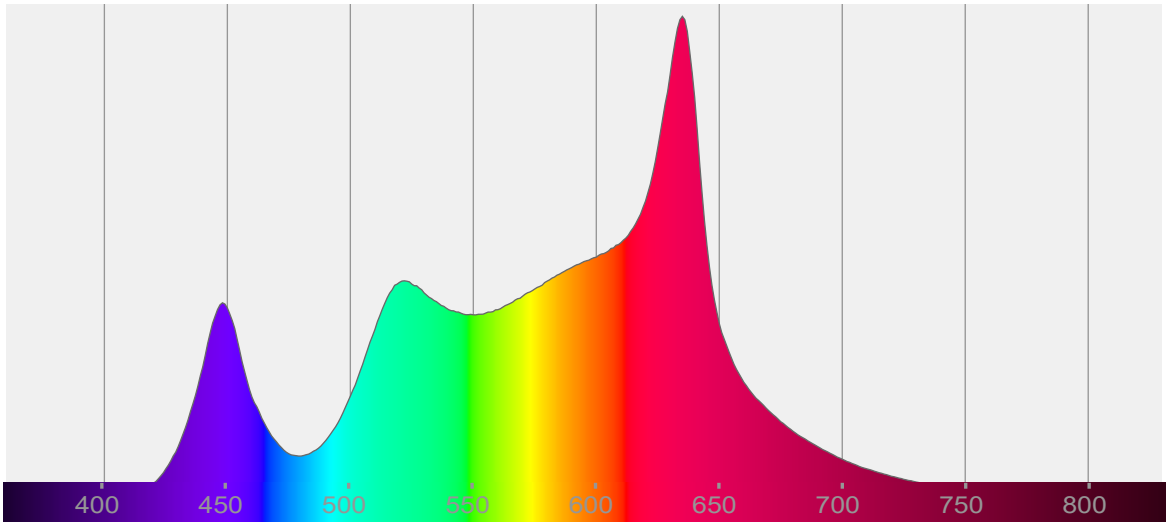
Total Lumens: 3509 lm
Peak Intensity: 8162 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3188K
Δuv: -0.0022

CRI: 93.7 CRI R9 Value: 97.6
CQS: 91.6
TLCI: 80
TM-30-18 Rf: 89.5
TM-30-18 Rg: 107.6
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3188 K
CIE 1931 Coordinates:
X: 0.422 Y: 0.393

Color Temperature

3188 K

Light Quality

CRI: 93.7

Notes:

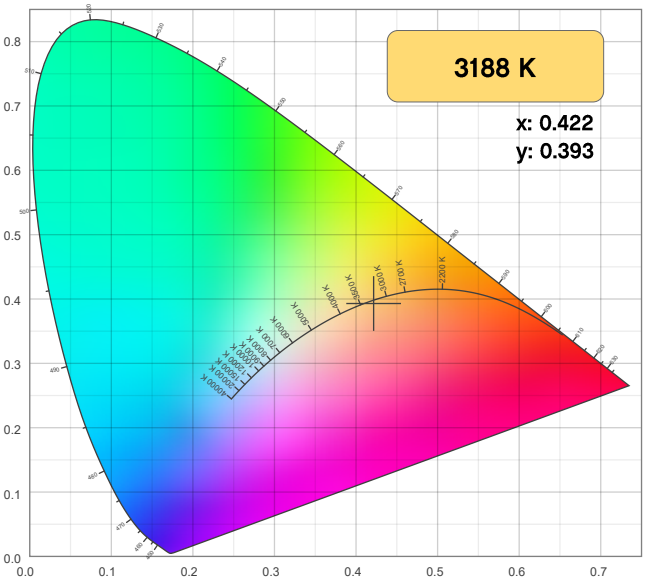
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Chromaticity Report

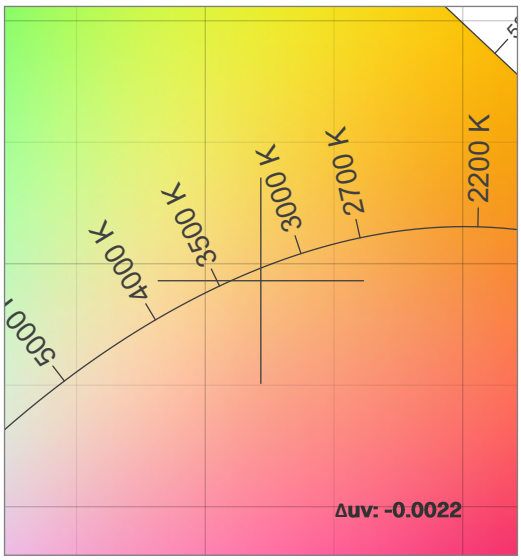
WELL Panel: 3200K

Chromaticity

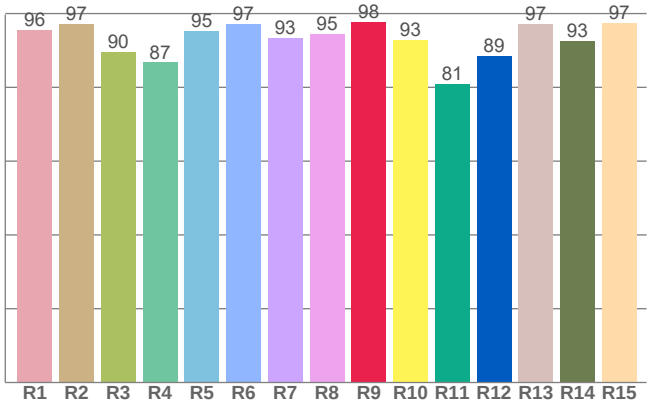
CIE 1931



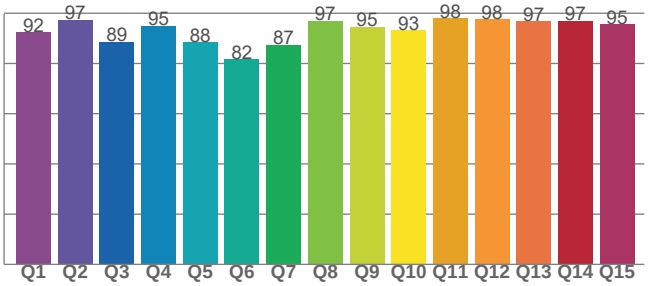
CIE 1931 - Zoom



CRI: 93.7 (R1-R8)



CQS: 91.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3188 K	0.422	0.393

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0022	0.393	0.245

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.7	97.6	91.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
80	89.5	107.6

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Chromaticity Report

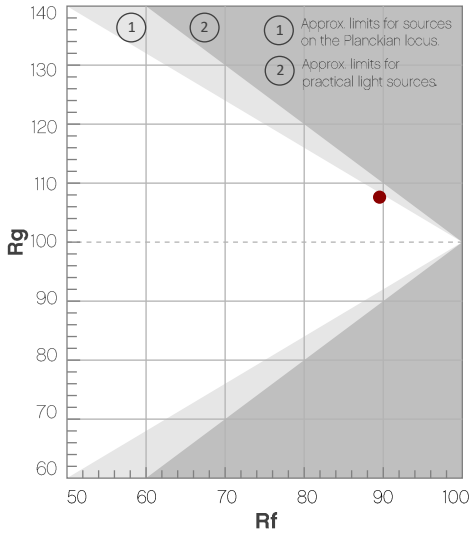
WELL Panel: 3200K

TM-30-18 Details

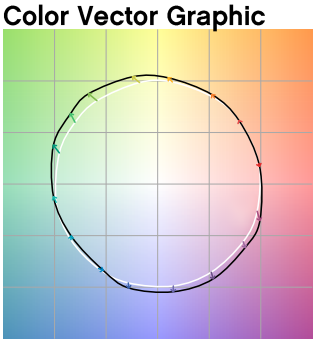
Rf 89.5
Fidelity Index (Rg)

Rg 107.6
Gamut Index (Rg)

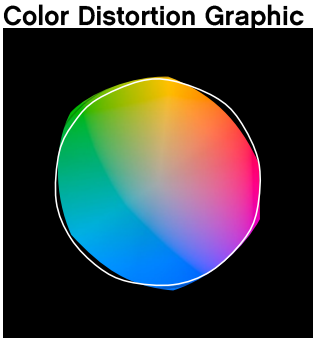
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-3%
2	95	0%	0%
3	90	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	10%	3%
7	84	8%	-4%
8	84	7%	-6%
9	90	1%	-6%
10	93	-2%	-3%
11	90	-1%	5%
12	89	5%	1%
13	90	5%	-1%
14	90	7%	-2%
15	89	5%	-4%
16	87	4%	-8%



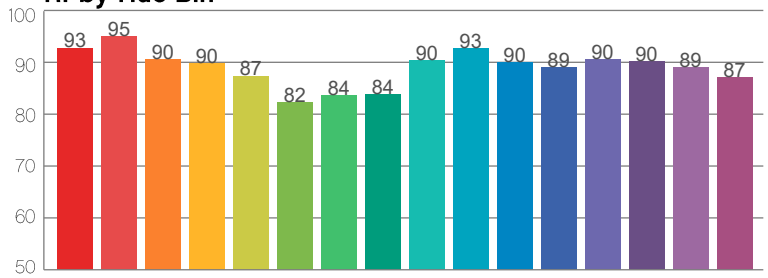
Color Vector Graphic



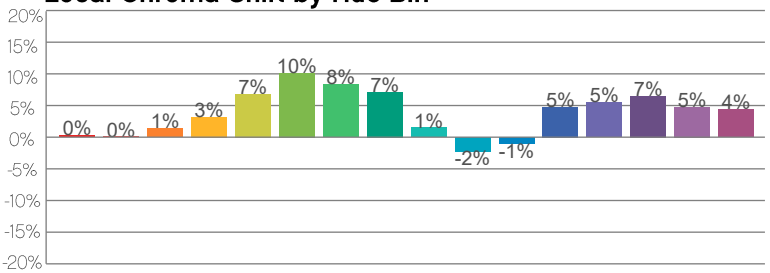
Color Distortion Graphic



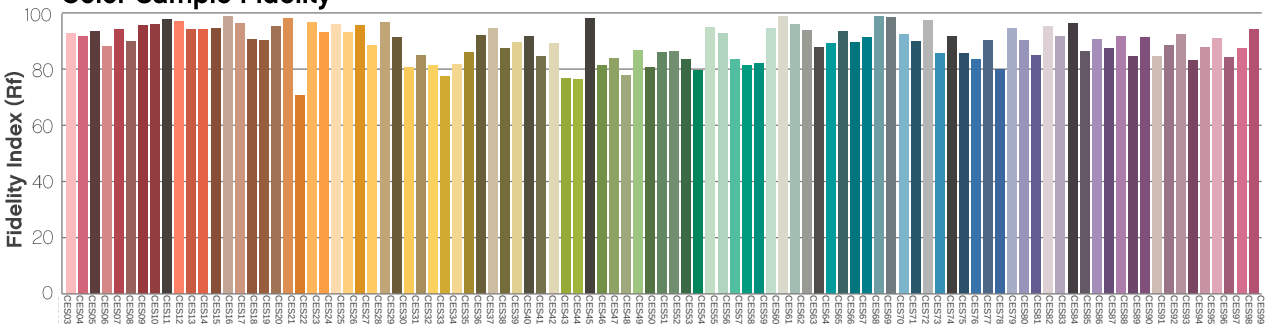
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

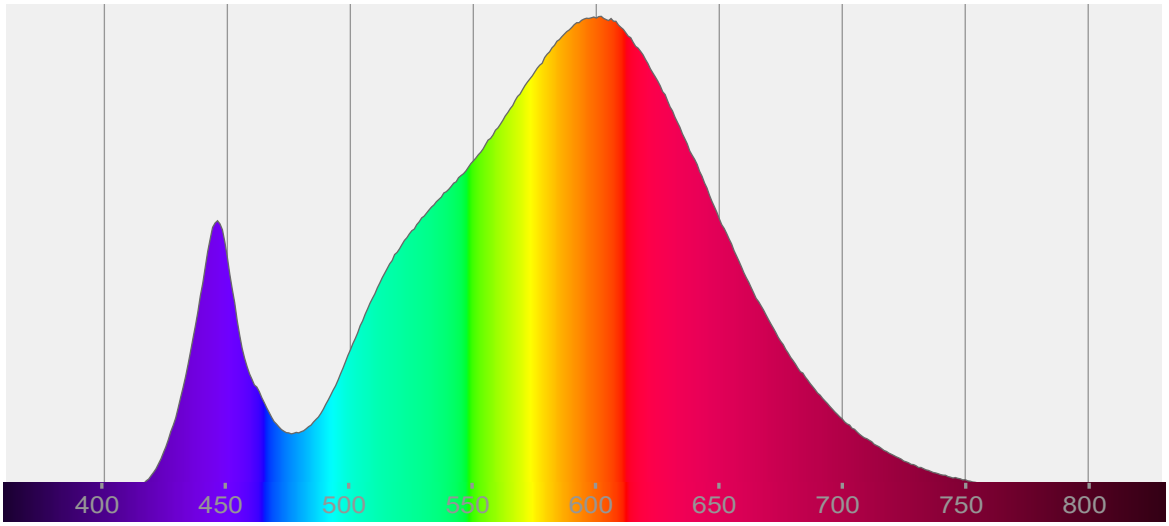
Total Lumens: 1450 lm
Peak Intensity: 3363 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3168K
Δuv: 0.0029

CRI: 79.2 CRI R9 Value: -0.3
CQS: 79.4
TLCI: 62
TM-30-18 Rf: 79.4
TM-30-18 Rg: 97.3
1st Dominant Wavelength: 602 nM
2nd Dominant Wavelength: 446 nM



Spectral Distribution



Tested Color

3168 K
CIE 1931 Coordinates:
X: 0.430 Y: 0.409

Color Temperature

3168 K

Light Quality

CRI: 79.2

Notes:

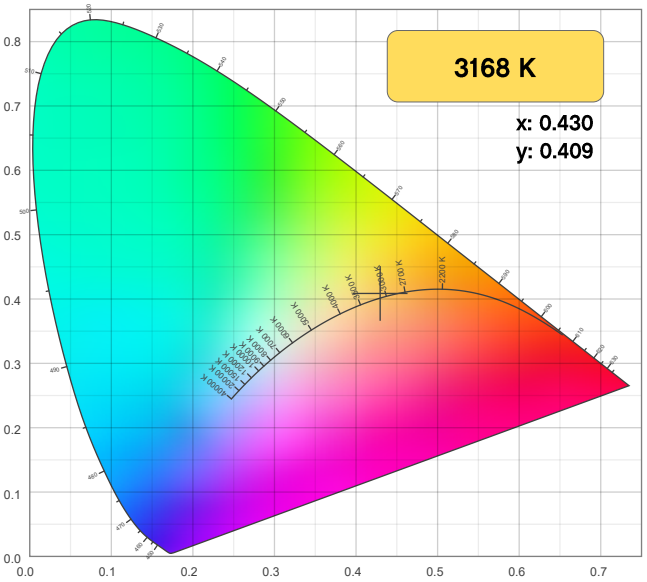
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Chromaticity Report

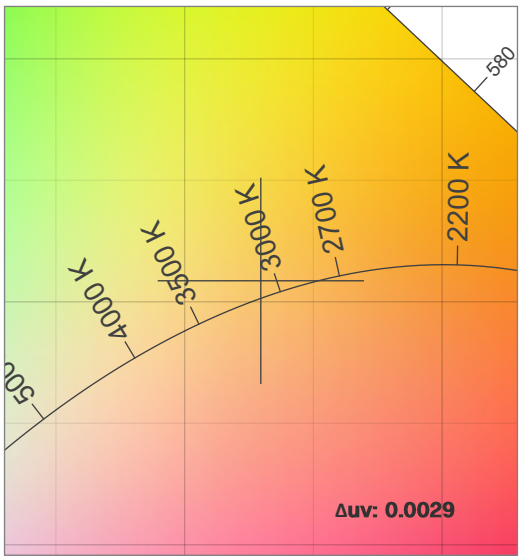
WELL Panel: 3200K

Chromaticity

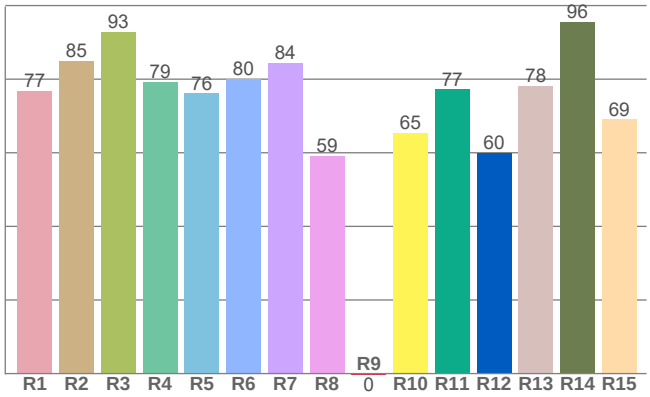
CIE 1931



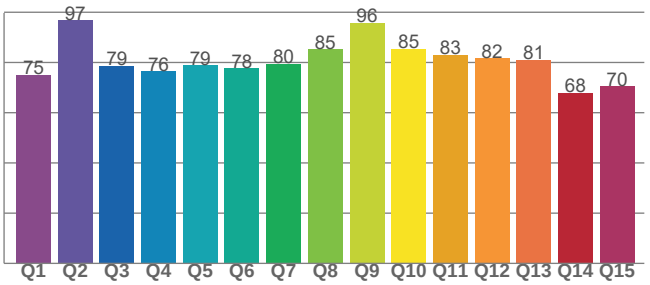
CIE 1931 - Zoom



CRI: 79.2 (R1-R8)



CQS: 79.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3168 K	0.430	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0029	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.2	-0.3	79.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.4	97.3

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Chromaticity Report

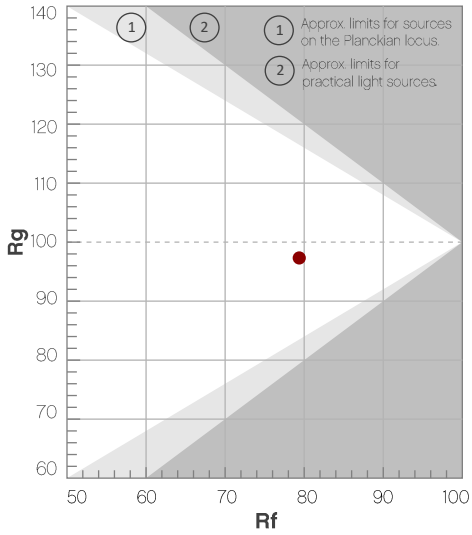
WELL Panel: 3200K

TM-30-18 Details

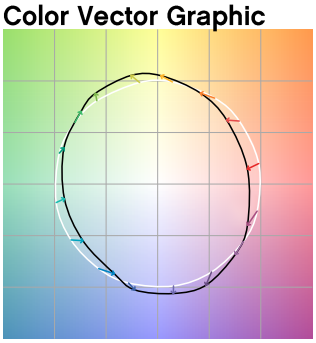
Rf 79.4
Fidelity Index (Rg)

Rg 97.3
Gamut Index (Rg)

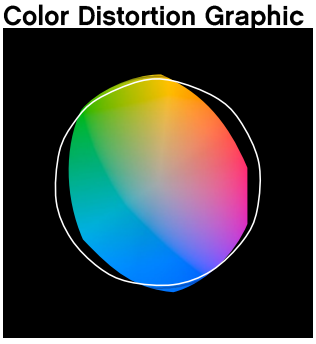
Hue Bin	R_f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	76	-10%	8%
3	69	-4%	14%
4	78	4%	12%
5	86	8%	7%
6	87	7%	-3%
7	78	1%	-12%
8	88	-3%	-6%
9	85	-9%	-2%
10	77	-9%	7%
11	73	-4%	15%
12	83	5%	7%
13	87	7%	-2%
14	80	8%	-12%
15	75	0%	-15%
16	77	-7%	-15%



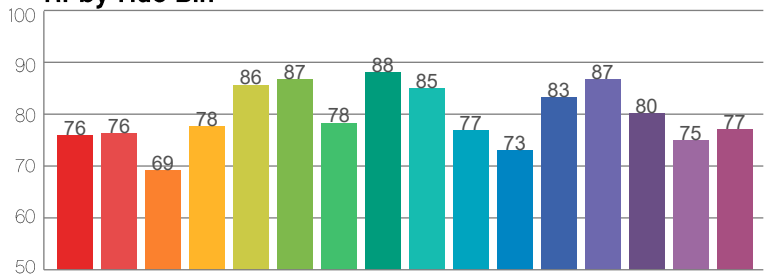
Color Vector Graphic



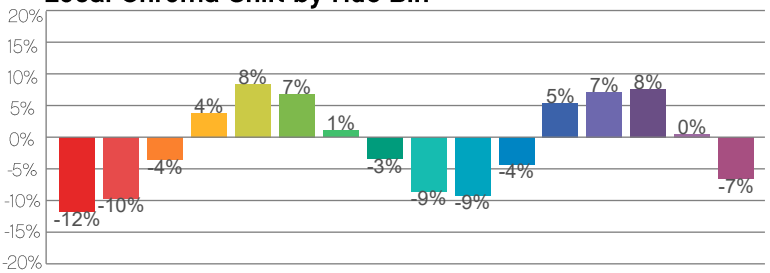
Color Distortion Graphic



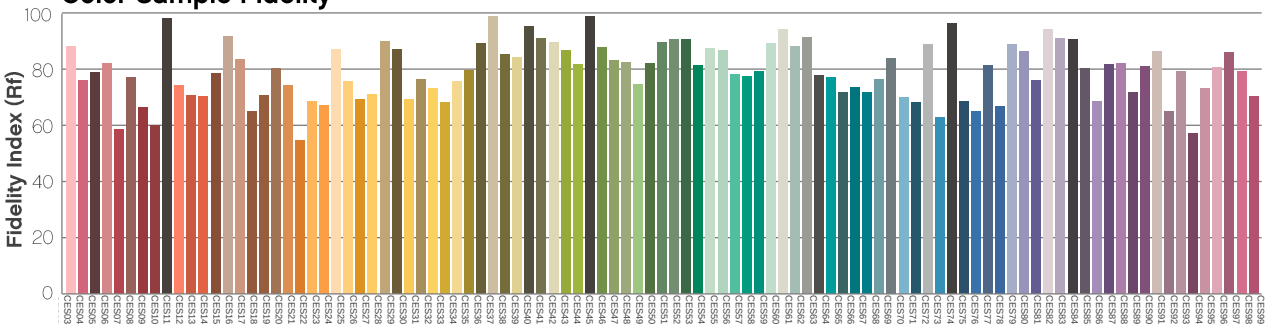
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

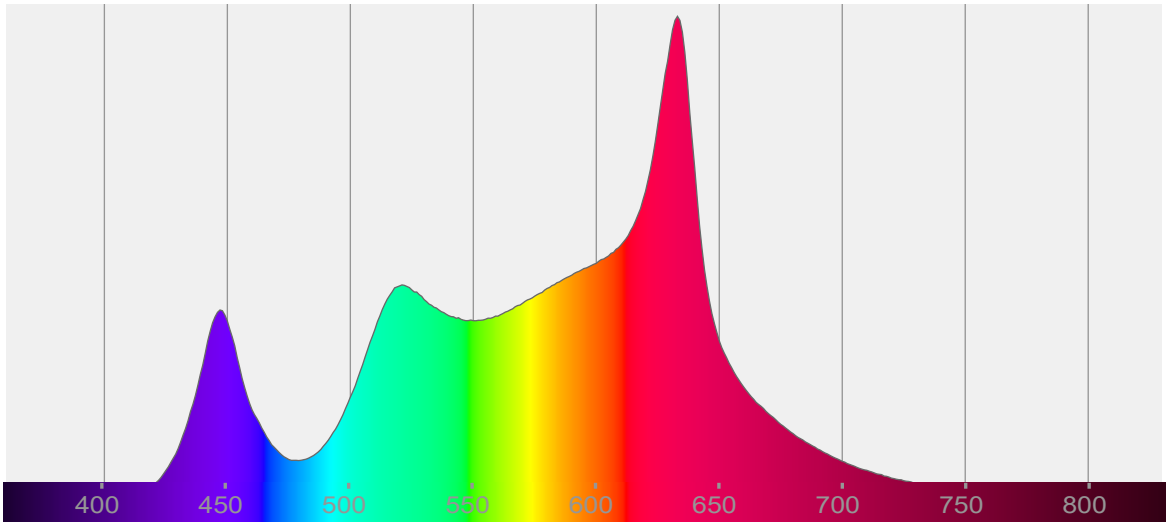
Total Lumens: 1156 lm
Peak Intensity: 2675 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3150K
Δuv: -0.0018

CRI: 93.5 CRI R9 Value: 97.4
CQS: 91.2
TLCI: 77
TM-30-18 Rf: 89.0
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

3150 K
CIE 1931 Coordinates:
X: 0.425 Y: 0.395

Color Temperature

3150 K

Light Quality

CRI: 93.5

Notes:

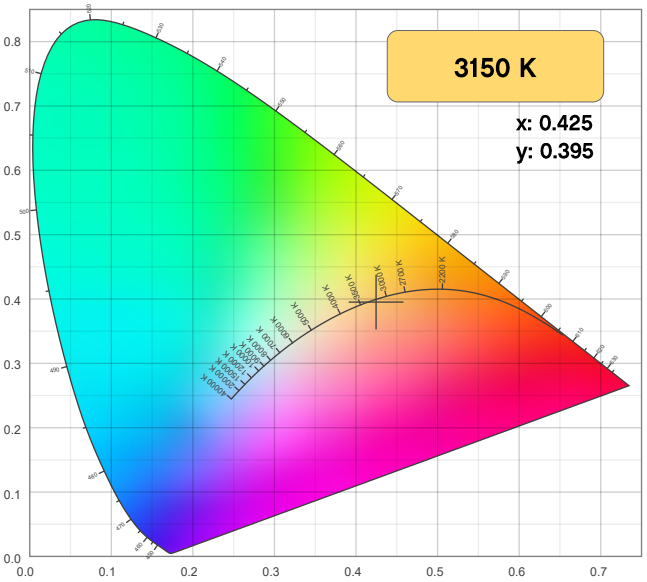
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Chromaticity Report

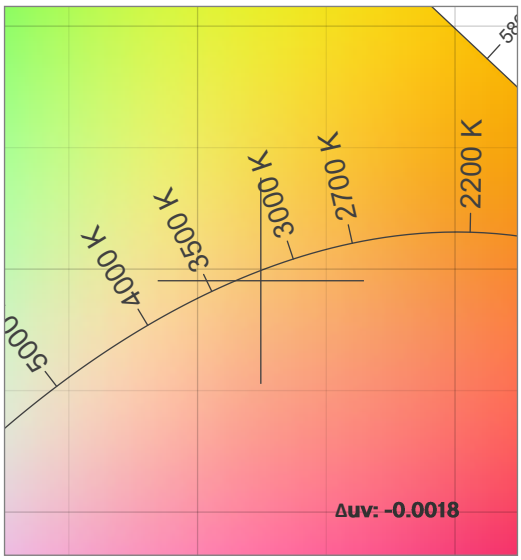
WELL Panel: 3200K

Chromaticity

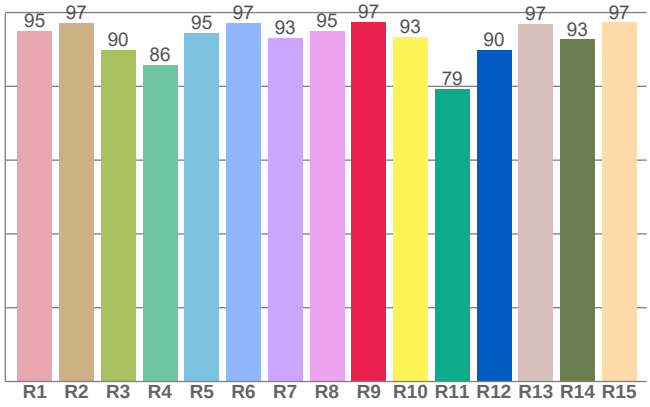
CIE 1931



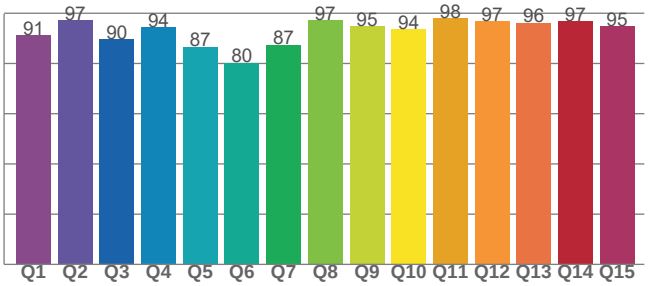
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3150 K	0.425	0.395

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0018	0.395	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	97.4	91.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
77	89.0	107.8

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Chromaticity Report

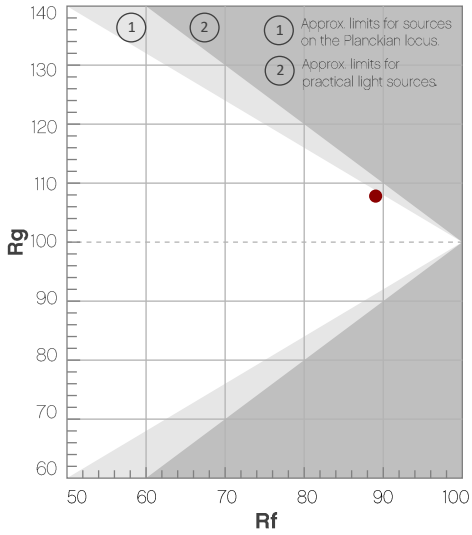
WELL Panel: 3200K

TM-30-18 Details

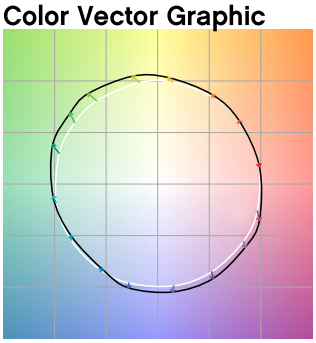
Rf 89.0
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

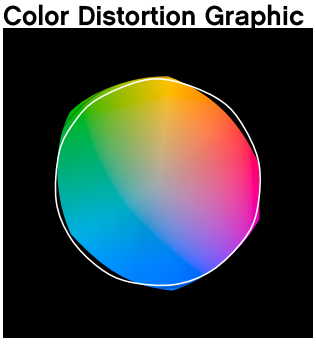
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	7%	6%
6	82	11%	3%
7	82	9%	-5%
8	83	8%	-6%
9	89	2%	-6%
10	91	-2%	-4%
11	91	-1%	4%
12	89	5%	1%
13	90	6%	-2%
14	90	6%	-3%
15	89	5%	-4%
16	87	4%	-8%



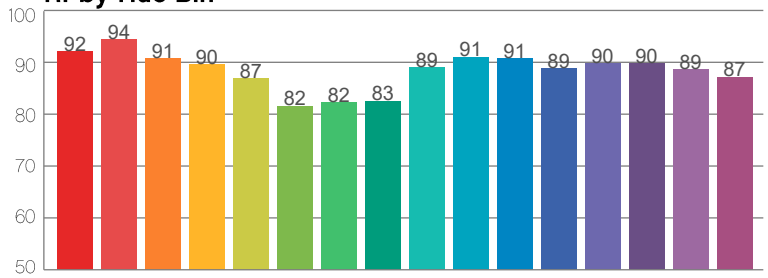
Color Vector Graphic



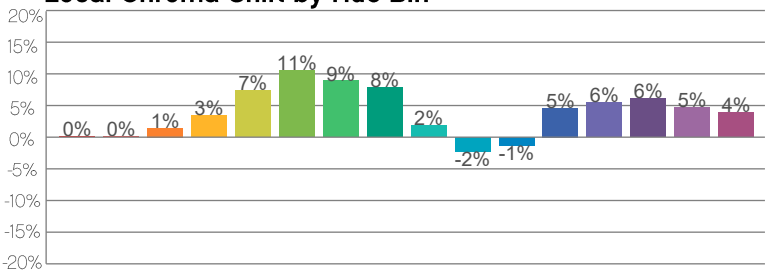
Color Distortion Graphic



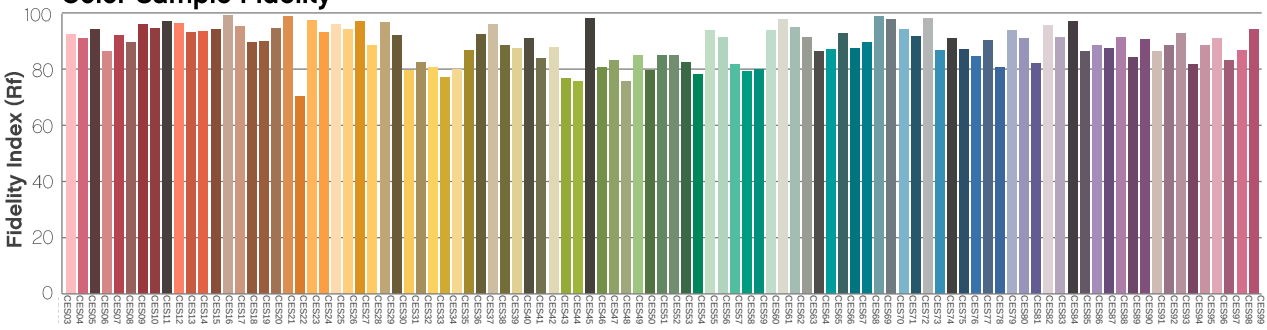
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

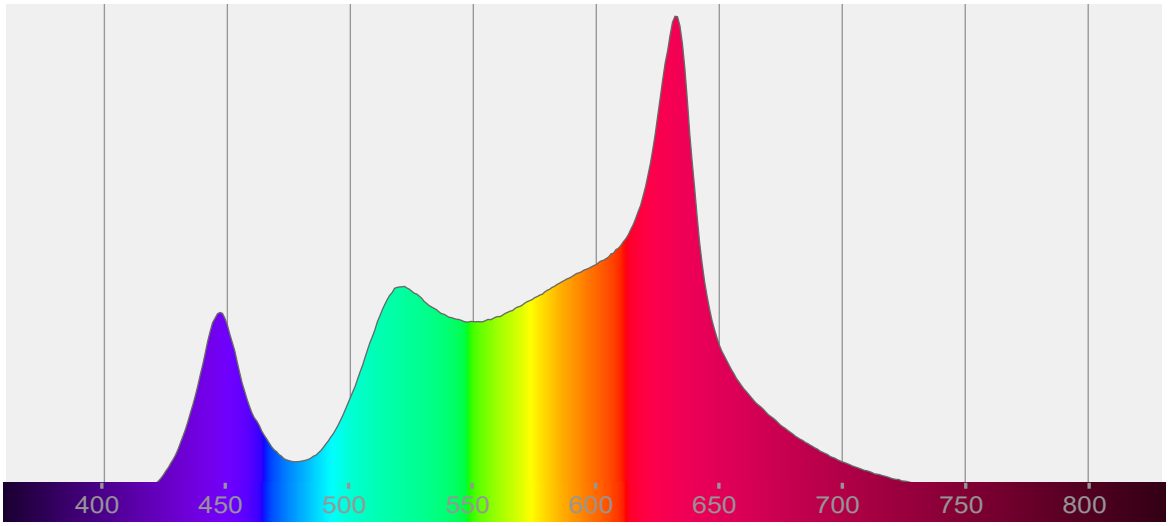
Total Lumens: 755 lm
Peak Intensity: 1745 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3137K
Δuv: -0.0016

CRI: 93.5 CRI R9 Value: 96.5
CQS: 91.0
TLCI: 77
TM-30-18 Rf: 88.9
TM-30-18 Rg: 107.8
1st Dominant Wavelength: 632 nM
2nd Dominant Wavelength: 522 nM



Spectral Distribution



Tested Color

3137 K
CIE 1931 Coordinates:
X: 0.426 Y: 0.396

Color Temperature

3137 K

Light Quality

CRI: 93.5

Notes:

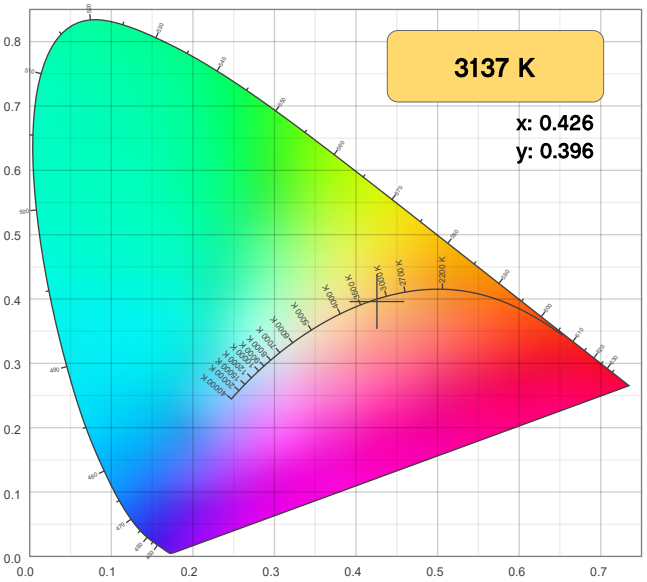
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Chromaticity Report

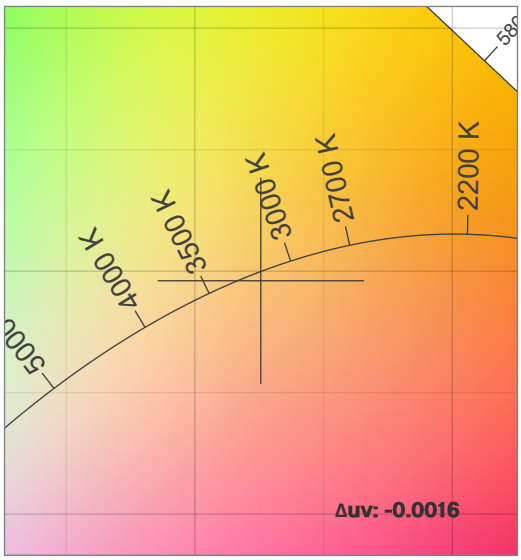
WELL Panel: 3200K

Chromaticity

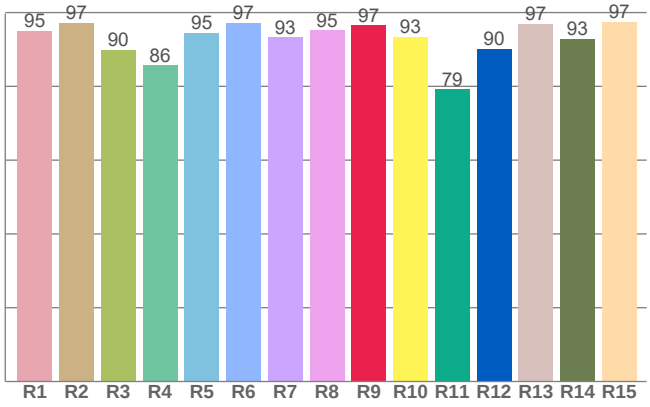
CIE 1931



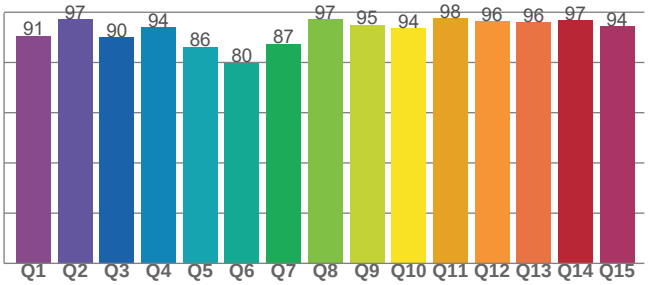
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 91.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3137 K	0.426	0.396

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0016	0.396	0.247

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	96.5	91.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
77	88.9	107.8

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Chromaticity Report

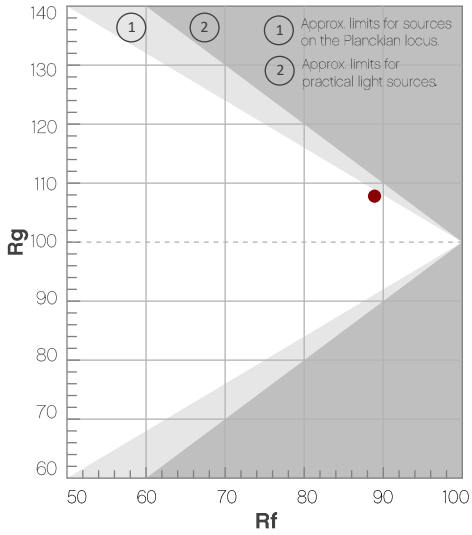
WELL Panel: 3200K

TM-30-18 Details

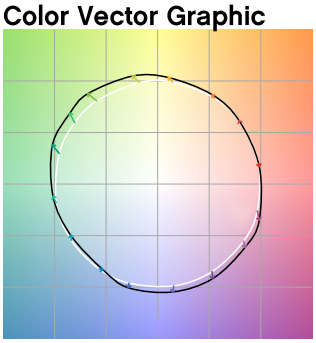
Rf 88.9
Fidelity Index (Rg)

Rg 107.8
Gamut Index (Rg)

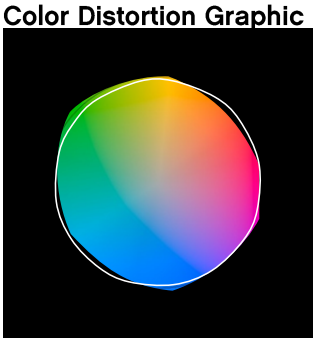
Hue Bin	R_f	Chroma Shift	Hue Shift
1	92	0%	-3%
2	94	0%	0%
3	91	1%	4%
4	90	3%	5%
5	87	8%	6%
6	81	11%	3%
7	82	9%	-5%
8	82	8%	-6%
9	89	2%	-7%
10	91	-2%	-4%
11	91	-1%	3%
12	89	5%	0%
13	90	6%	-2%
14	90	6%	-3%
15	88	5%	-4%
16	87	4%	-8%



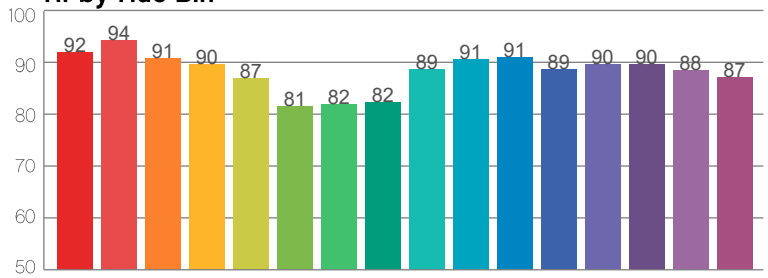
Color Vector Graphic



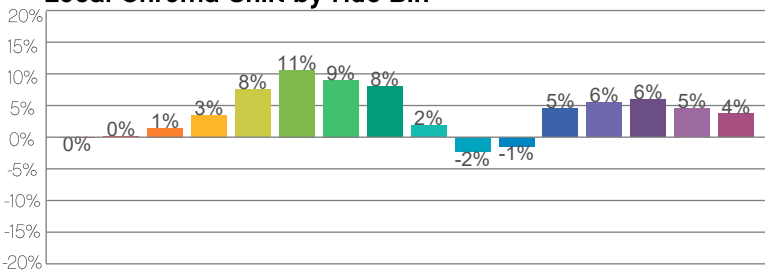
Color Distortion Graphic



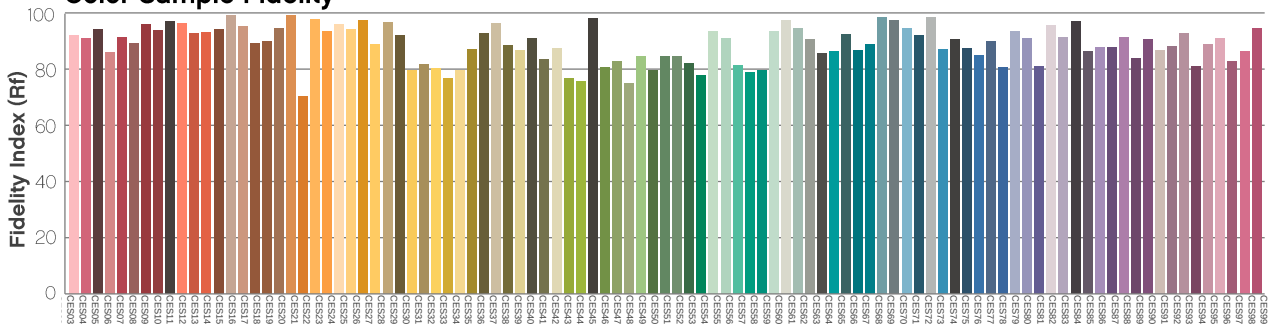
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

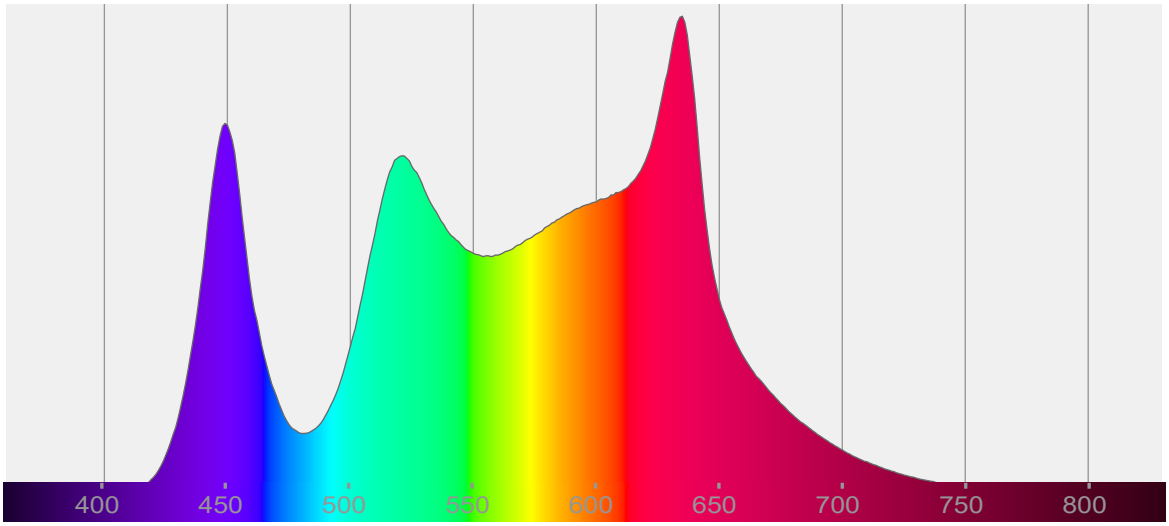
Total Lumens: 3722 lm
Peak Intensity: 8639 cd
Fixture Efficacy: 13 lm/W

Correlated Color Temperature: 3988K
Δuv: -0.0009

CRI: 93.0 CRI R9 Value: 98.3
CQS: 93.2
TLCI: 81
TM-30-18 Rf: 90.0
TM-30-18 Rg: 106.4
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

3988 K
CIE 1931 Coordinates:
X: 0.381 Y: 0.375

Color Temperature

3988 K

Light Quality

CRI: 93.0

Notes:

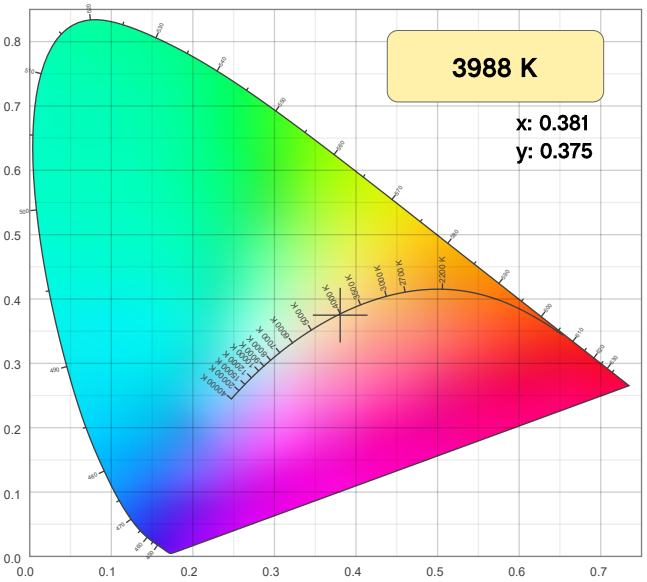
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Chromaticity Report

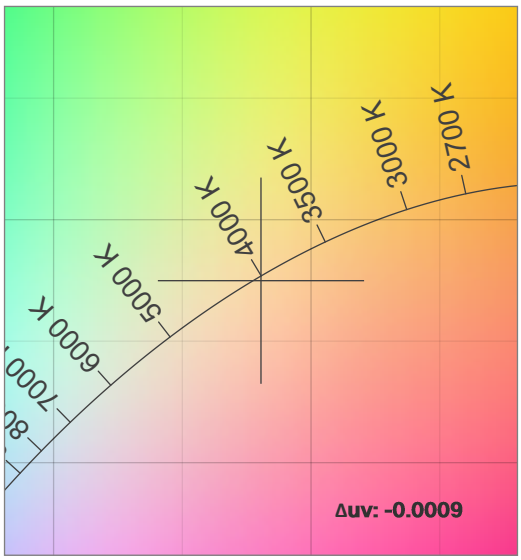
WELL Panel: 4000K

Chromaticity

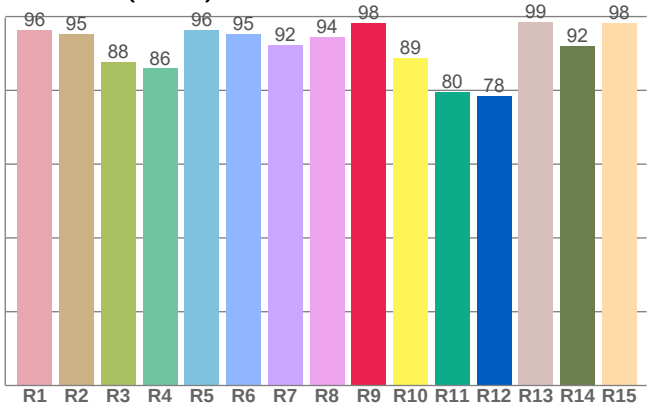
CIE 1931



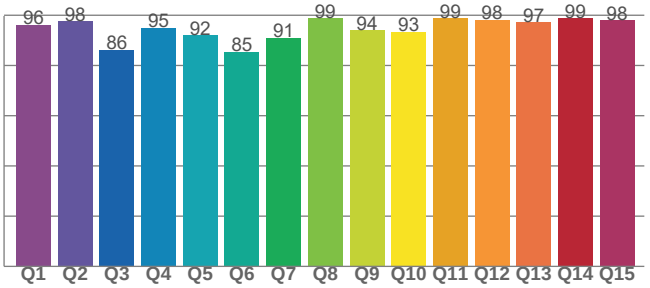
CIE 1931 - Zoom



CRI: 93.0 (R1-R8)



CQS: 93.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3988 K	0.381	0.375

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0009	0.375	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.0	98.3	93.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
81	90.0	106.4

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Chromaticity Report

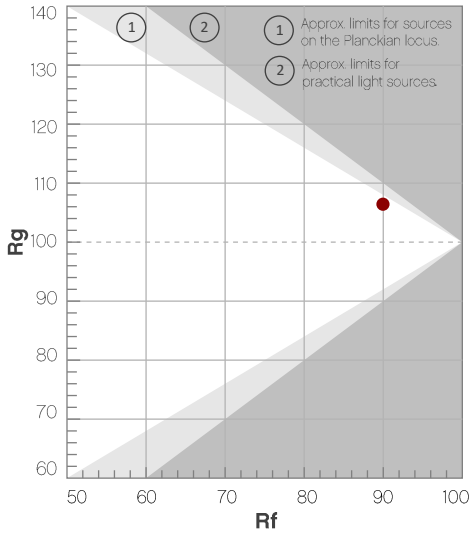
WELL Panel: 4000K

TM-30-18 Details

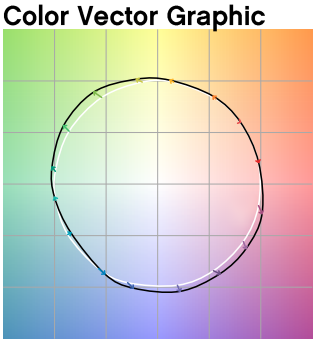
Rf 90.0
Fidelity Index (Rg)

Rg 106.4
Gamut Index (Rg)

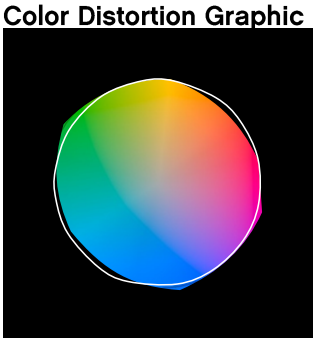
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	85	9%	3%
7	87	8%	-2%
8	90	4%	-3%
9	93	1%	-3%
10	92	-4%	0%
11	86	1%	8%
12	85	4%	6%
13	90	6%	1%
14	91	6%	4%
15	88	6%	-4%
16	86	5%	-7%



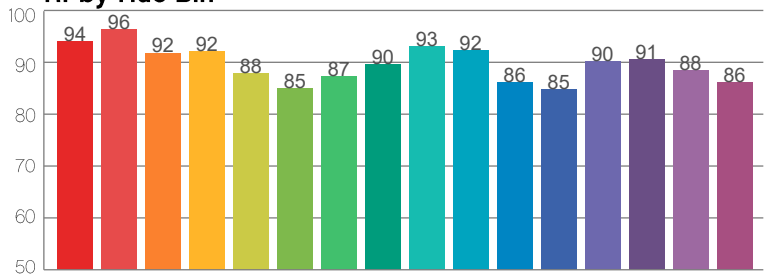
Color Vector Graphic



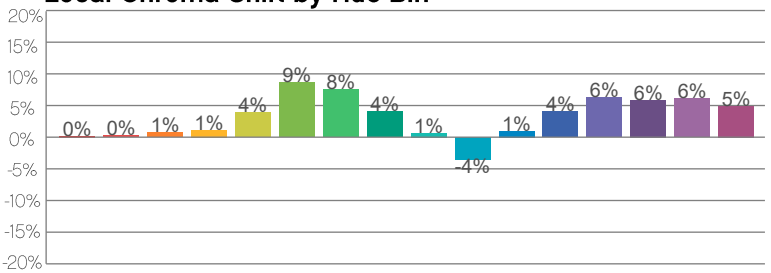
Color Distortion Graphic



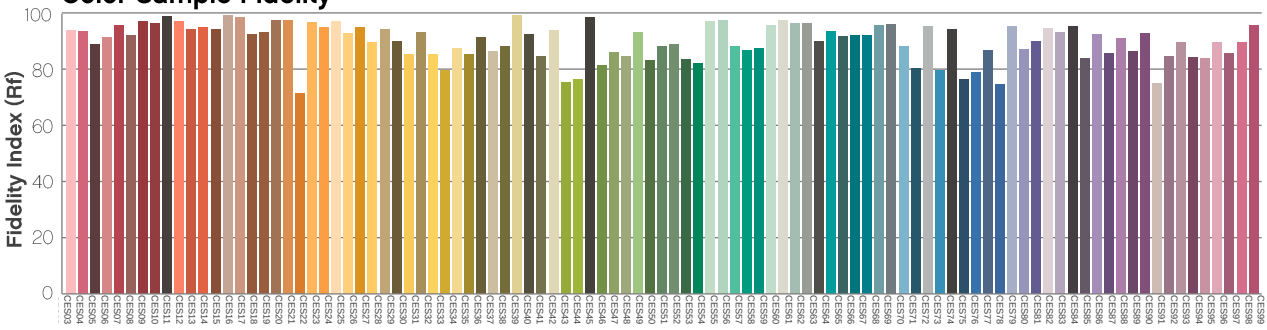
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

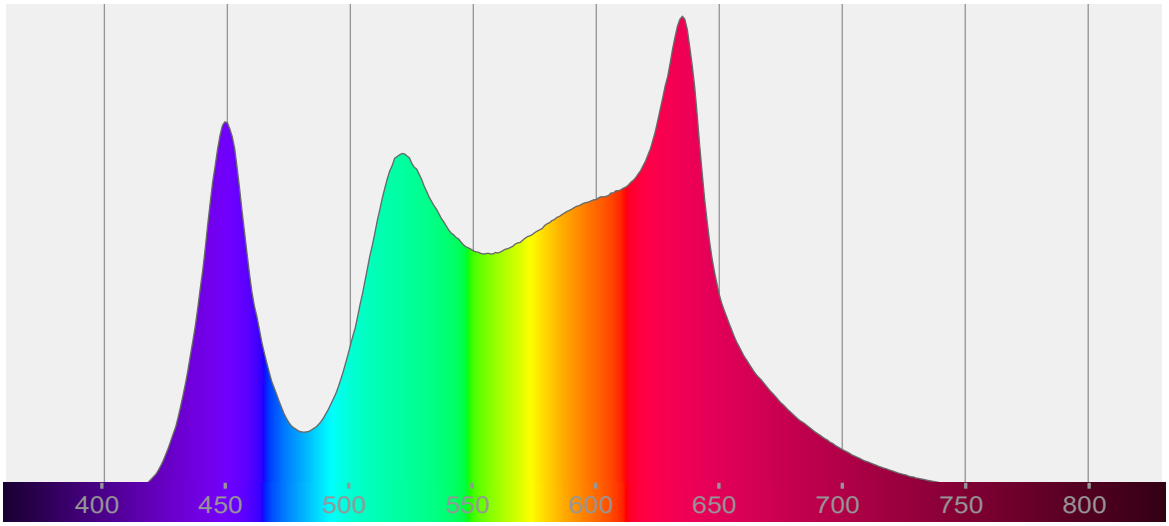
Total Lumens: 3689 lm
Peak Intensity: 8575 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3998K
Δuv: -0.0008

CRI: 93.0 CRI R9 Value: 98.2
CQS: 93.3
TLCI: 82
TM-30-18 Rf: 90.0
TM-30-18 Rg: 106.3
1st Dominant Wavelength: 635 nM
2nd Dominant Wavelength: 449 nM



Spectral Distribution



Tested Color

3998 K
CIE 1931 Coordinates:
X: 0.380 Y: 0.375

Color Temperature

3998 K

Light Quality

CRI: 93.0

Notes:

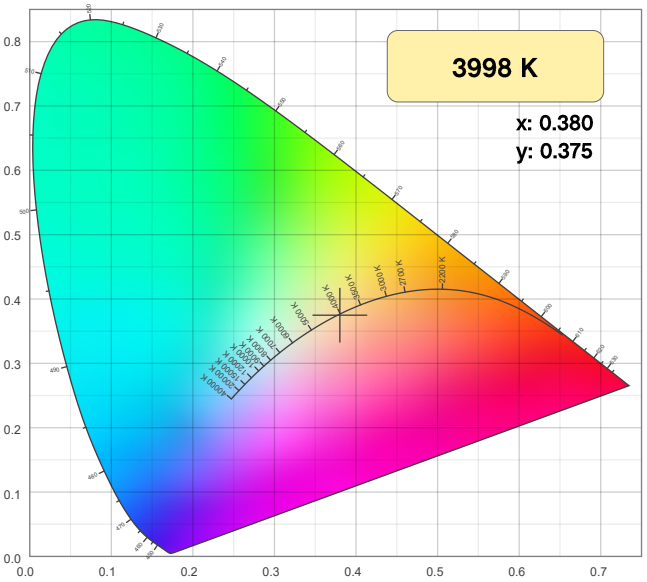
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Chromaticity Report

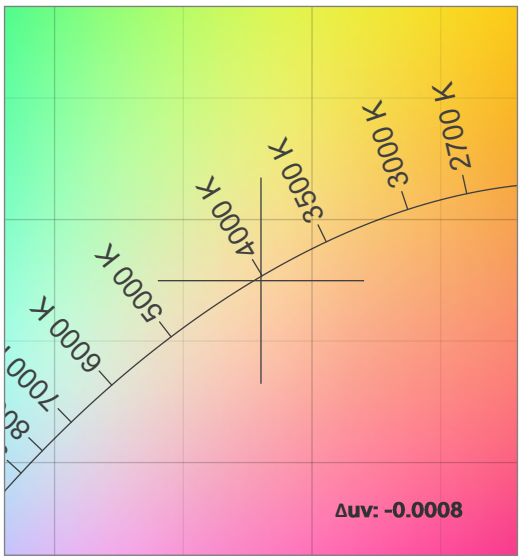
WELL Panel: 4000K

Chromaticity

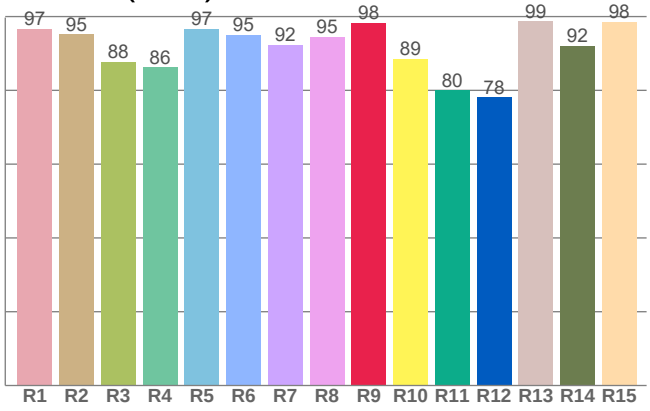
CIE 1931



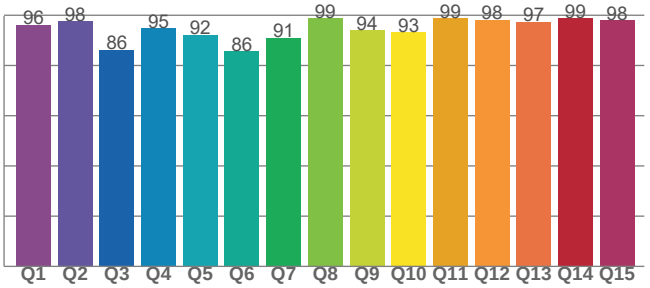
CIE 1931 - Zoom



CRI: 93.0 (R1-R8)



CQS: 93.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3998 K	0.380	0.375

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0008	0.375	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.0	98.2	93.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
82	90.0	106.3

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Chromaticity Report

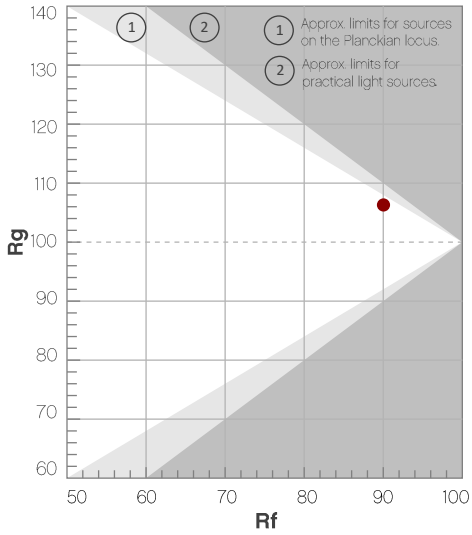
WELL Panel: 4000K

TM-30-18 Details

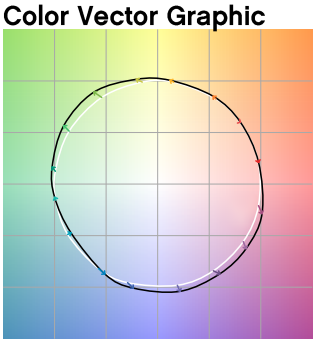
Rf 90.0
Fidelity Index (Rg)

Rg 106.3
Gamut Index (Rg)

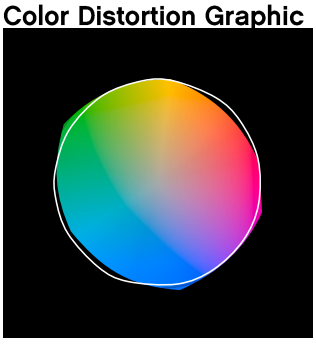
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	0%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	85	8%	3%
7	88	7%	-2%
8	90	4%	-3%
9	93	1%	-3%
10	92	-4%	0%
11	86	1%	8%
12	85	4%	6%
13	90	6%	1%
14	91	6%	3%
15	88	6%	-4%
16	86	5%	-7%



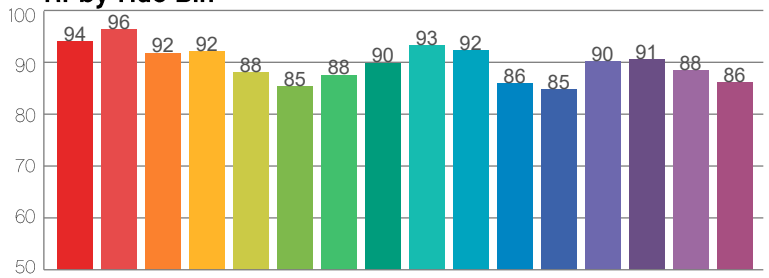
Color Vector Graphic



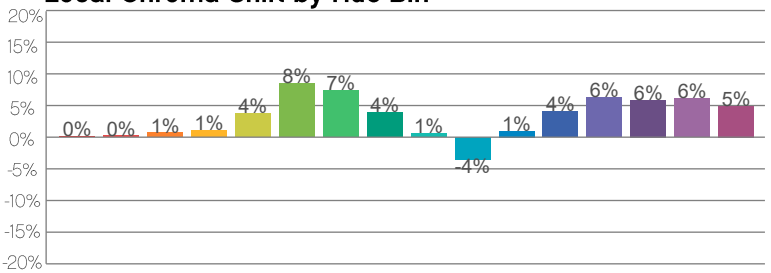
Color Distortion Graphic



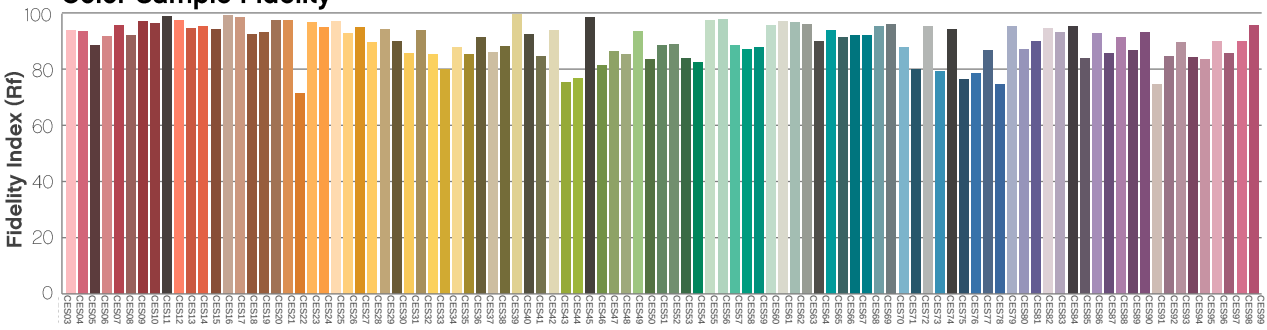
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

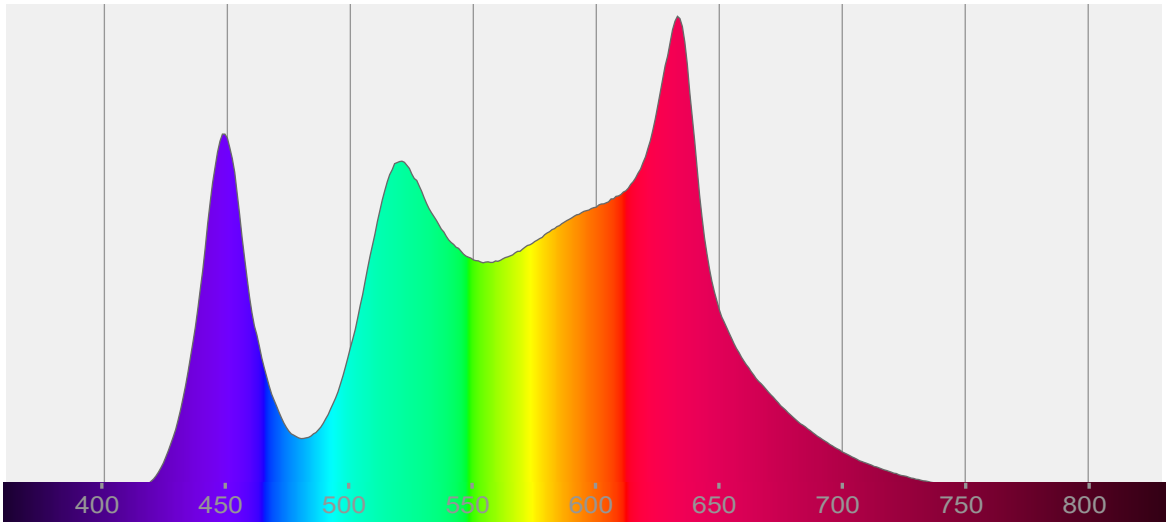
Total Lumens: 1927 lm
Peak Intensity: 4457 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3943K
Δuv: -0.0007

CRI: 92.9 CRI R9 Value: 97.4
CQS: 93.1
TLCI: 80
TM-30-18 Rf: 89.8
TM-30-18 Rg: 106.7
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3943 K
CIE 1931 Coordinates:
X: 0.383 Y: 0.377

Color Temperature

3943 K

Light Quality

CRI: 92.9

Notes:

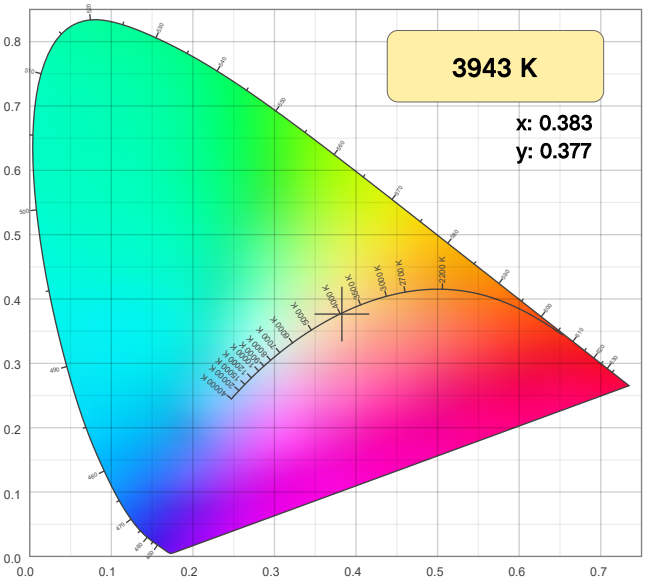
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Chromaticity Report

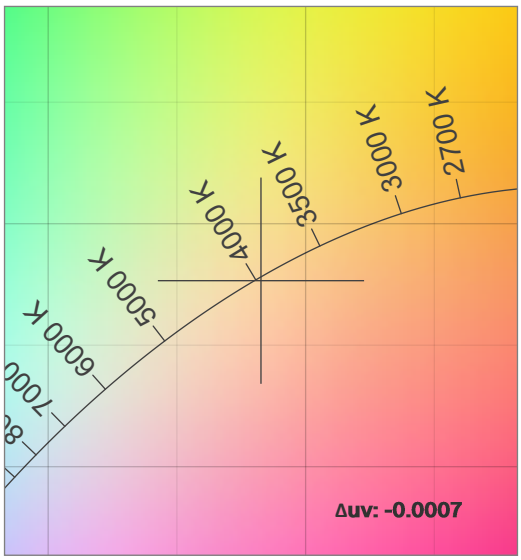
WELL Panel: 4000K

Chromaticity

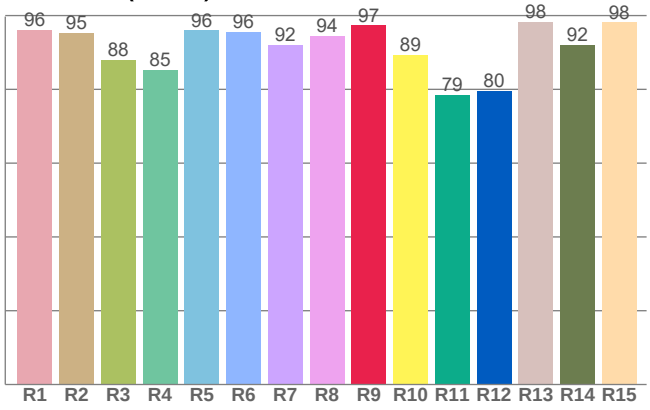
CIE 1931



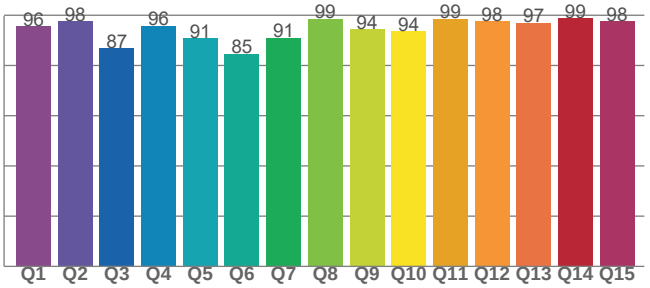
CIE 1931 - Zoom



CRI: 92.9 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3943 K	0.383	0.377

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0007	0.377	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.9	97.4	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
80	89.8	106.7

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Chromaticity Report

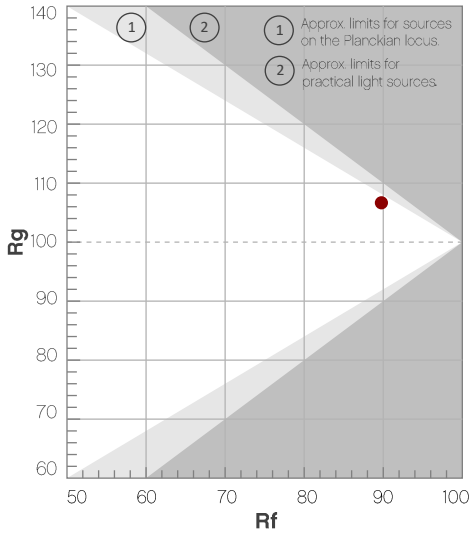
WELL Panel: 4000K

TM-30-18 Details

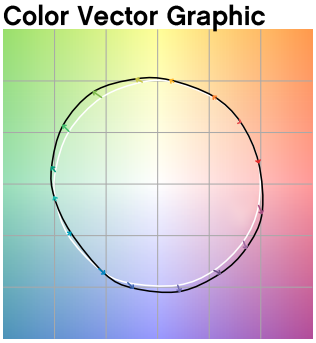
Rf 89.8
Fidelity Index (Rg)

Rg 106.7
Gamut Index (Rg)

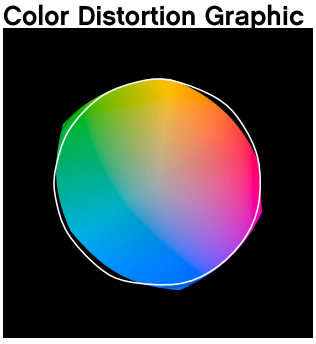
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	4%	-4%
9	93	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	1%
14	91	6%	4%
15	88	6%	-4%
16	86	5%	-7%



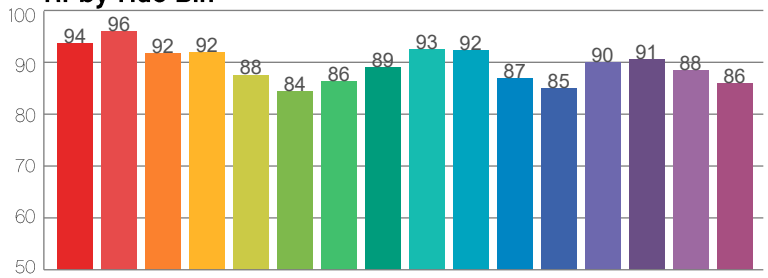
Color Vector Graphic



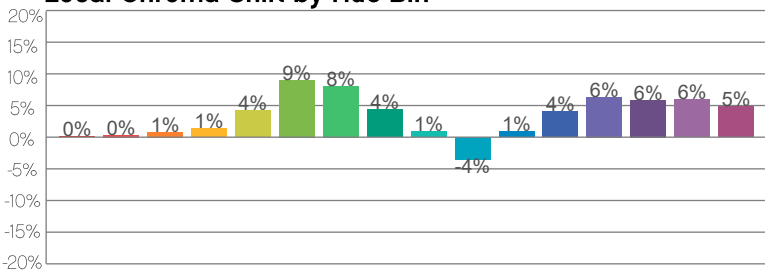
Color Distortion Graphic



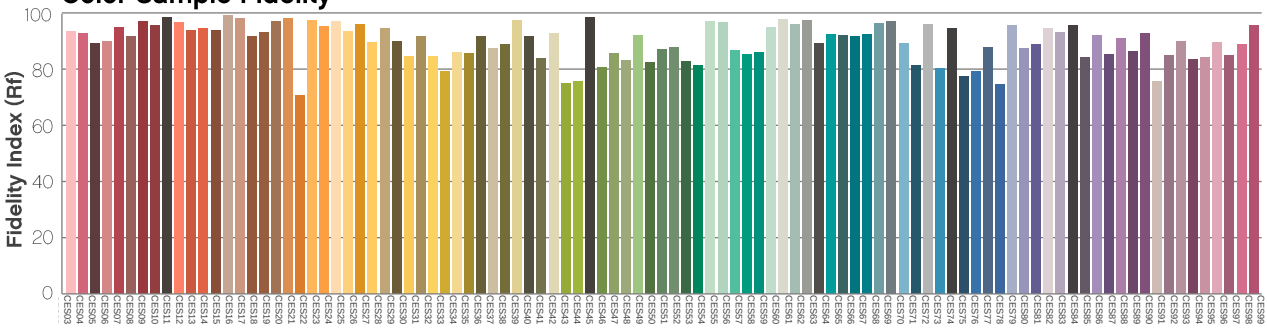
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

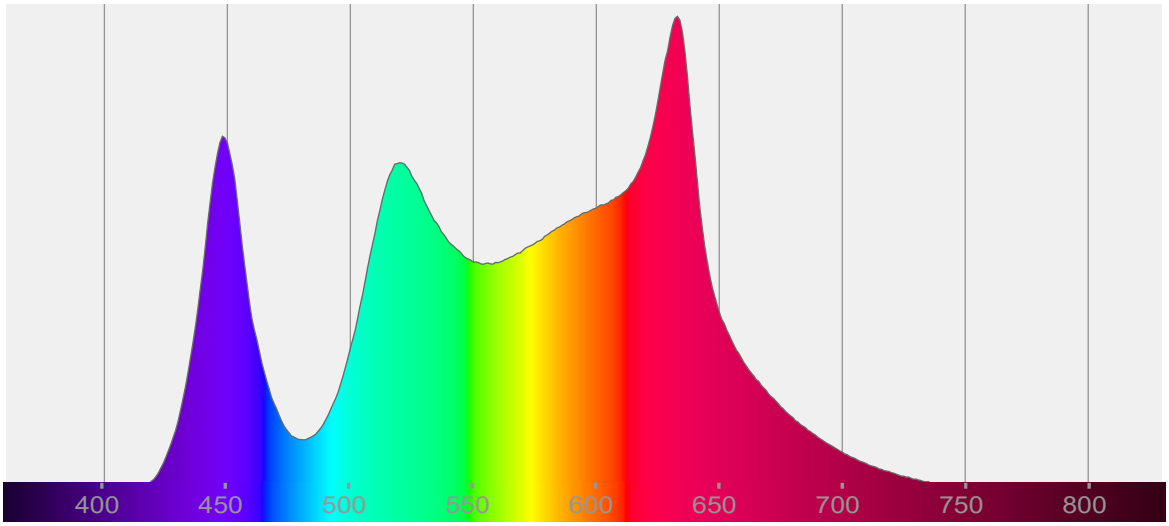
Total Lumens: 1212 lm
Peak Intensity: 2808 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3928K
Δuv: -0.0006

CRI: 92.8 CRI R9 Value: 96.9
CQS: 93.0
TLCI: 79
TM-30-18 Rf: 89.7
TM-30-18 Rg: 106.8
1st Dominant Wavelength: 633 nM
2nd Dominant Wavelength: 448 nM



Spectral Distribution



Tested Color

3928 K
CIE 1931 Coordinates:
X: 0.383 Y: 0.377

Color Temperature

3928 K

Light Quality

CRI: 92.8

Notes:

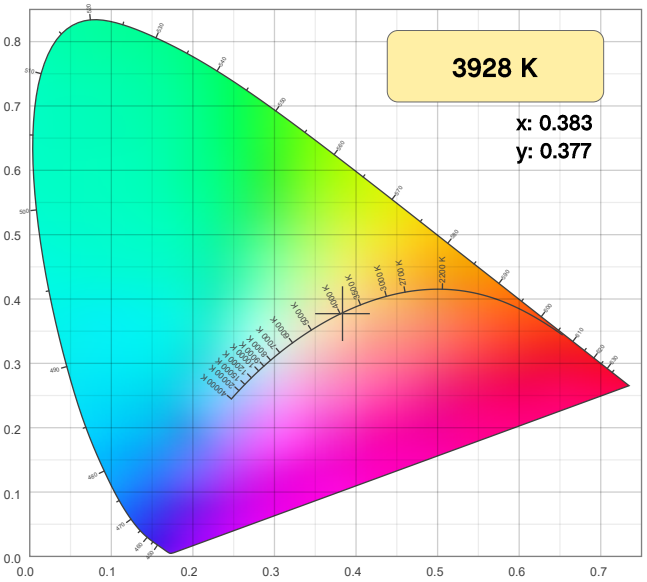
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Chromaticity Report

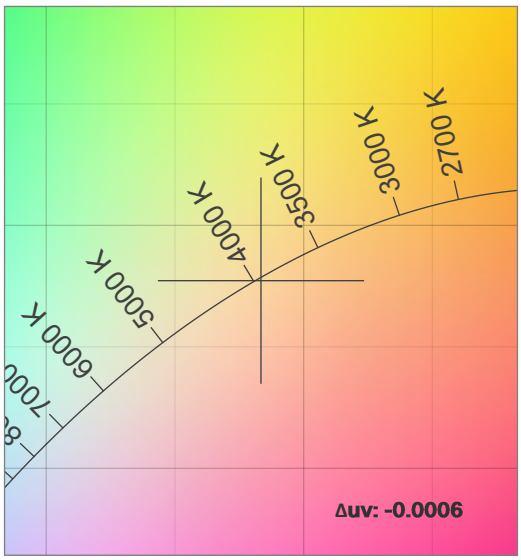
WELL Panel: 4000K

Chromaticity

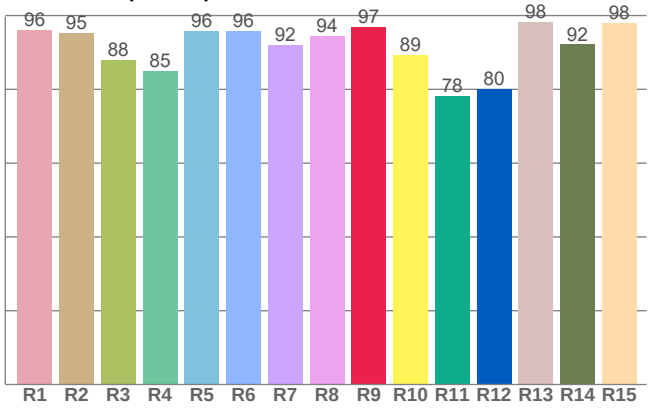
CIE 1931



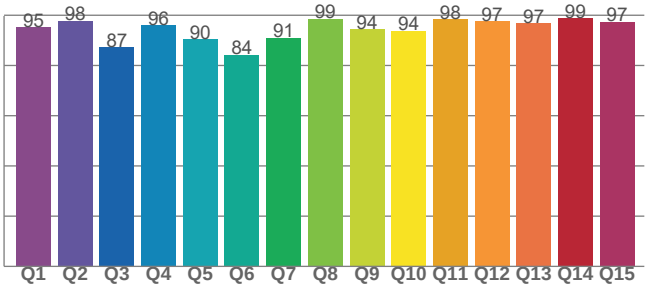
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 93.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3928 K	0.383	0.377

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0006	0.377	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	96.9	93.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	89.7	106.8

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Chromaticity Report

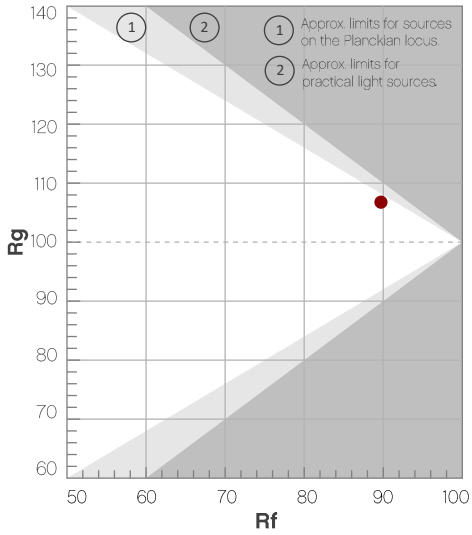
WELL Panel: 4000K

TM-30-18 Details

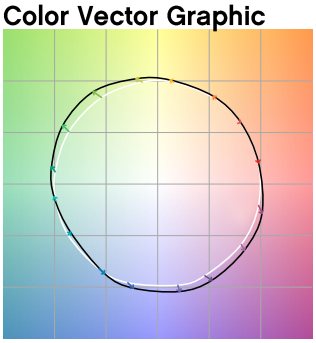
Rf 89.7
Fidelity Index (Rg)

Rg 106.8
Gamut Index (Rg)

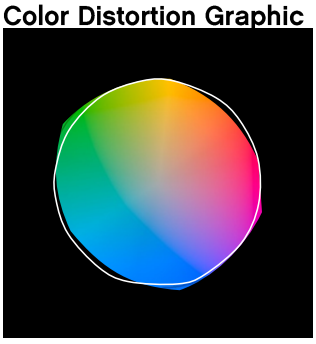
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	-1%
3	92	1%	4%
4	92	1%	4%
5	88	4%	5%
6	84	9%	4%
7	86	8%	-2%
8	89	5%	-4%
9	92	1%	-4%
10	92	-4%	-1%
11	87	1%	7%
12	85	4%	6%
13	90	6%	1%
14	91	7%	3%
15	89	6%	-3%
16	86	5%	-7%



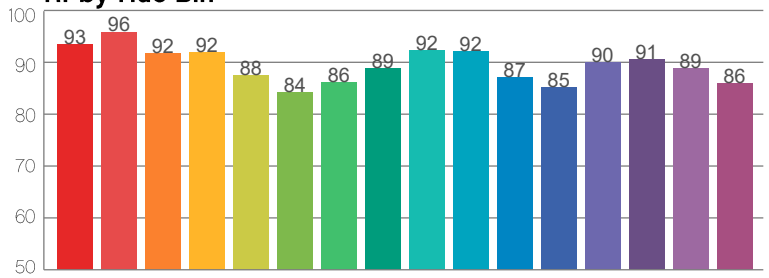
Color Vector Graphic



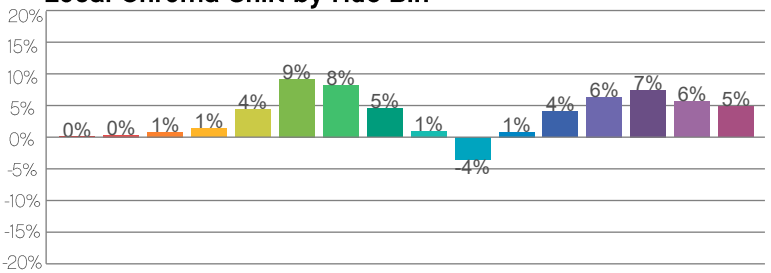
Color Distortion Graphic



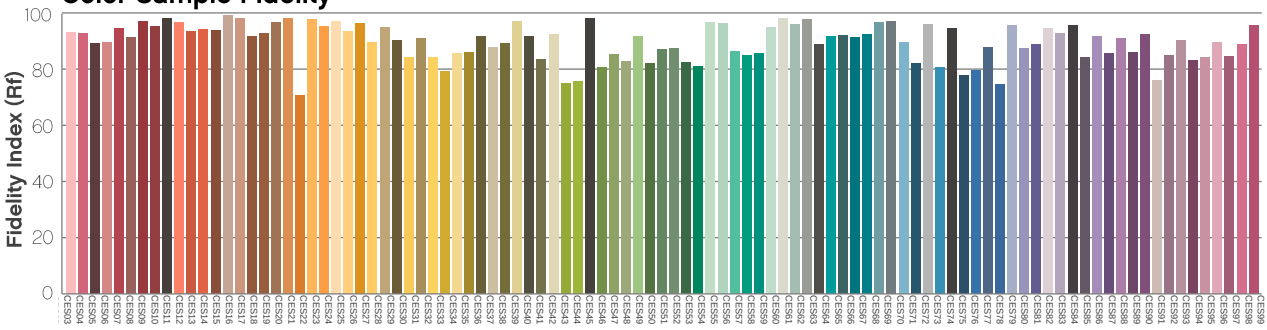
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

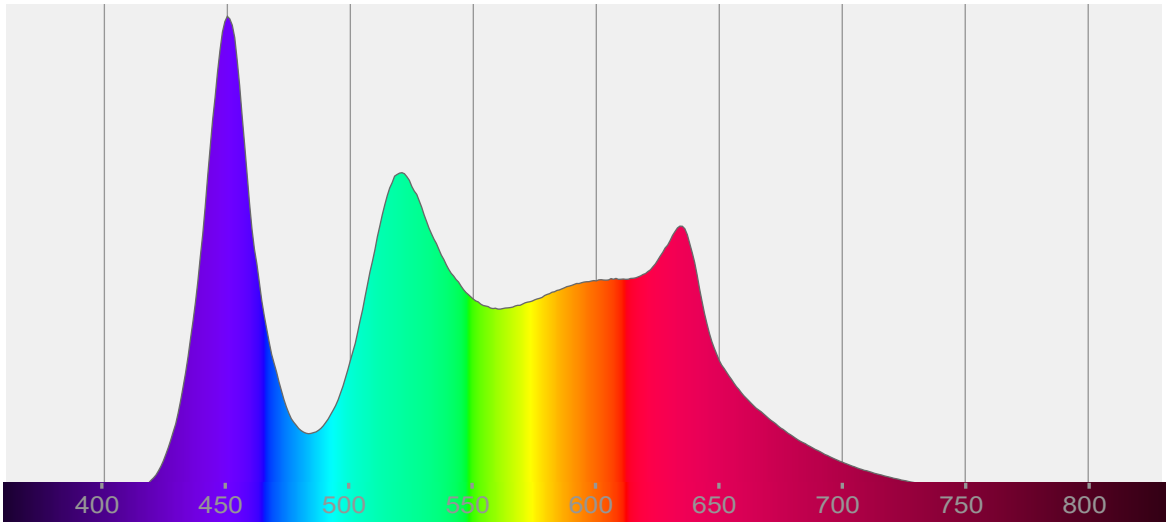
Total Lumens: 4010 lm
Peak Intensity: 9304 cd
Fixture Efficacy: 14 lm/W

Correlated Color Temperature: 5623K
Δuv: -0.0039

CRI: 91.2 CRI R9 Value: 97.5
CQS: 91.8
TLCI: 85
TM-30-18 Rf: 87.9
TM-30-18 Rg: 107.0
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5623 K
CIE 1931 Coordinates:
X: 0.330 Y: 0.338

Color Temperature

5623 K

Light Quality

CRI: 91.2

Notes:

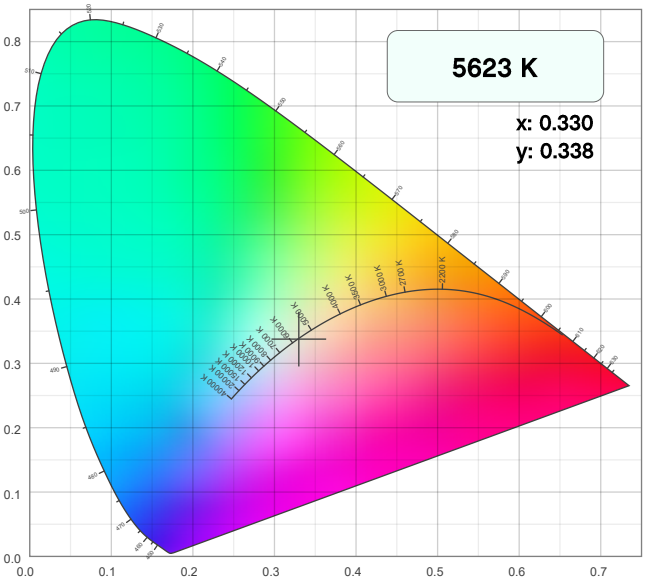
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Chromaticity Report

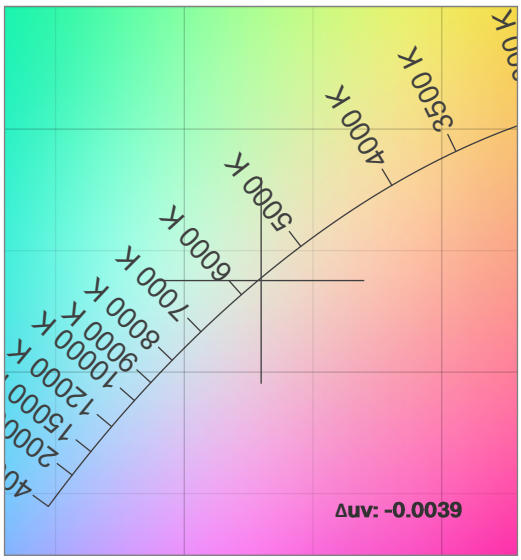
WELL Panel: 5600K

Chromaticity

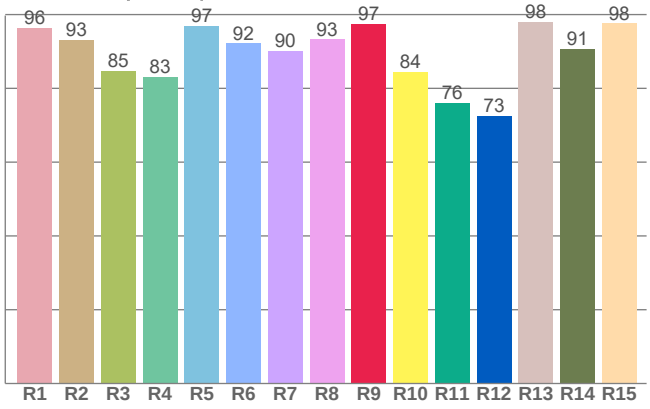
CIE 1931



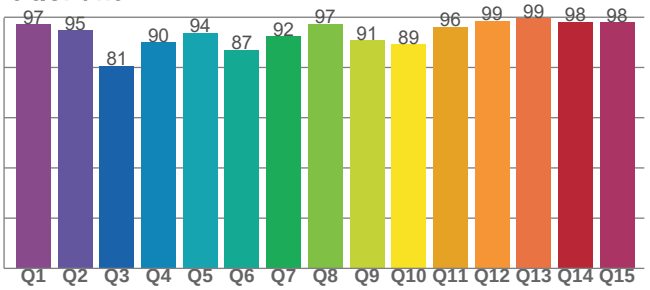
CIE 1931 - Zoom



CRI: 91.2 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5623 K	0.330	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.338	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.2	97.5	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
85	87.9	107.0

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Chromaticity Report

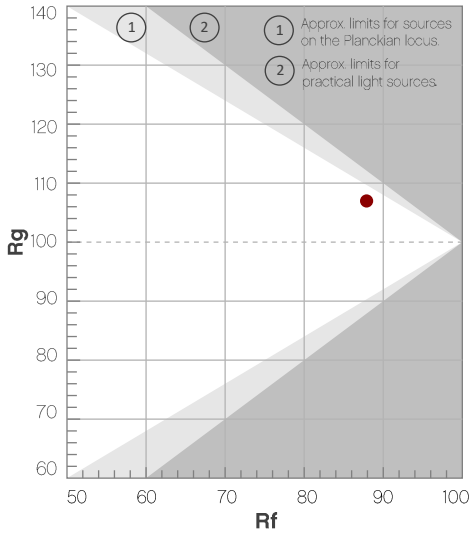
WELL Panel: 5600K

TM-30-18 Details

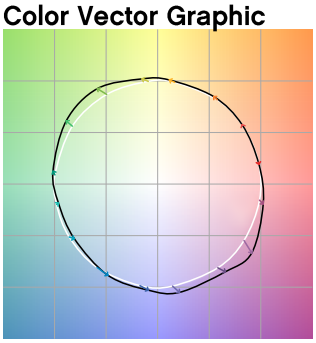
Rf 87.9
Fidelity Index (Rg)

Rg 107.0
Gamut Index (Rg)

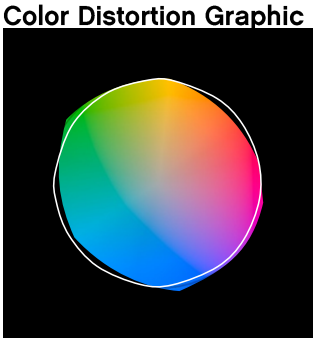
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	5%
4	89	1%	6%
5	85	4%	5%
6	84	10%	4%
7	87	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	90	-3%	4%
11	77	0%	13%
12	85	3%	9%
13	89	7%	5%
14	84	7%	4%
15	83	13%	-6%
16	91	4%	-3%



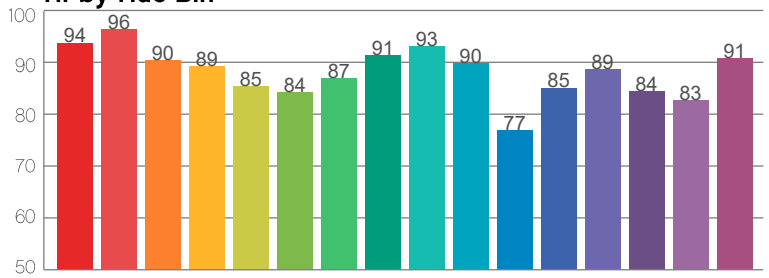
Color Vector Graphic



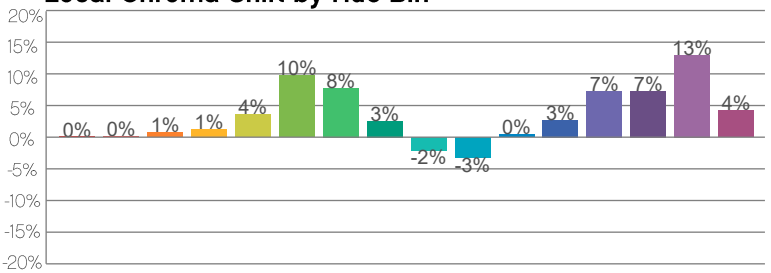
Color Distortion Graphic



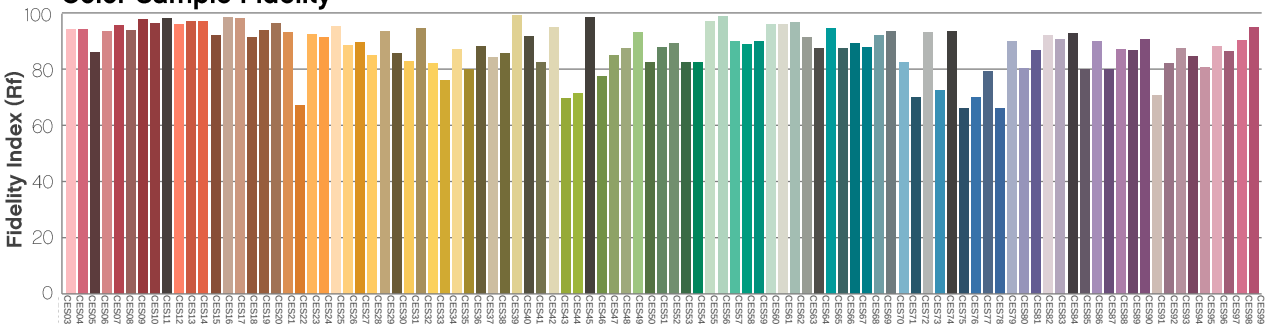
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

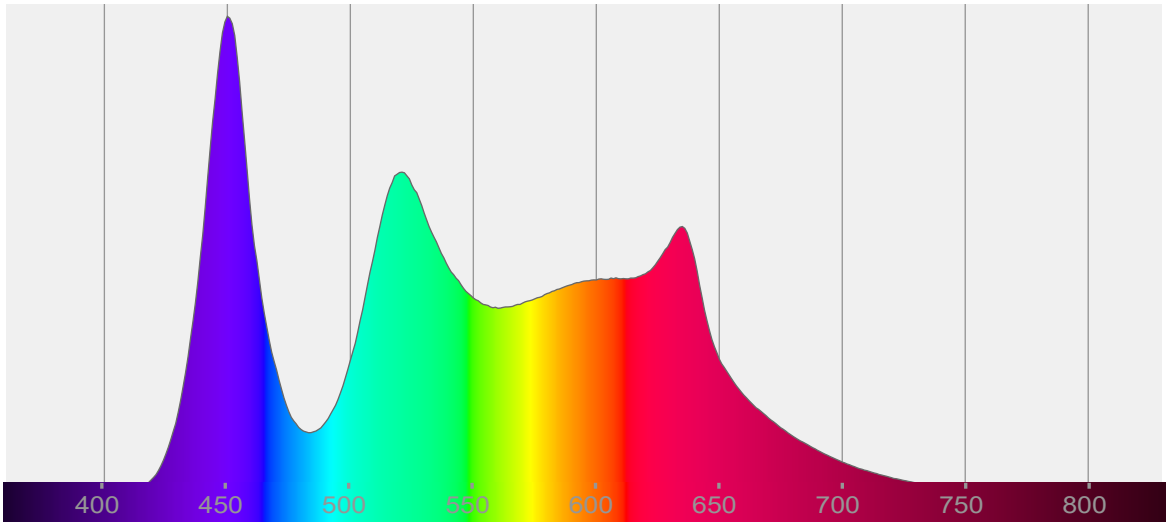
Total Lumens: 3982 lm
Peak Intensity: 9241 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5630K
Δuv: -0.0038

CRI: 91.3 CRI R9 Value: 97.2
CQS: 91.8
TLCI: 86
TM-30-18 Rf: 87.9
TM-30-18 Rg: 106.9
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 521 nM



Spectral Distribution



Tested Color

5630 K
CIE 1931 Coordinates:
X: 0.330 Y: 0.338

Color Temperature

5630 K

Light Quality

CRI: 91.3

Notes:

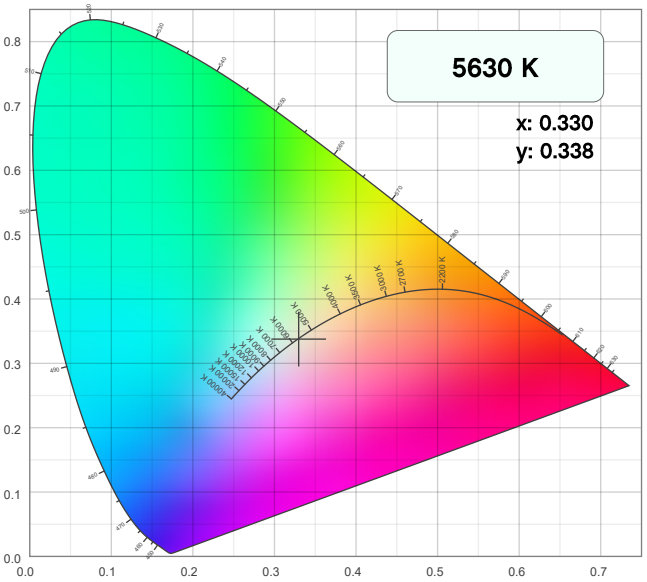
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Chromaticity Report

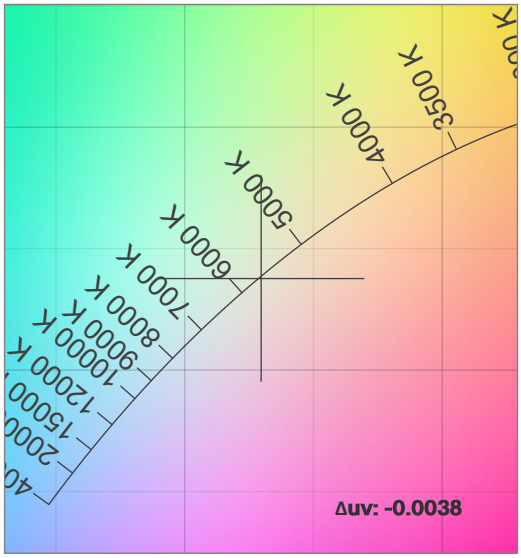
WELL Panel: 5600K

Chromaticity

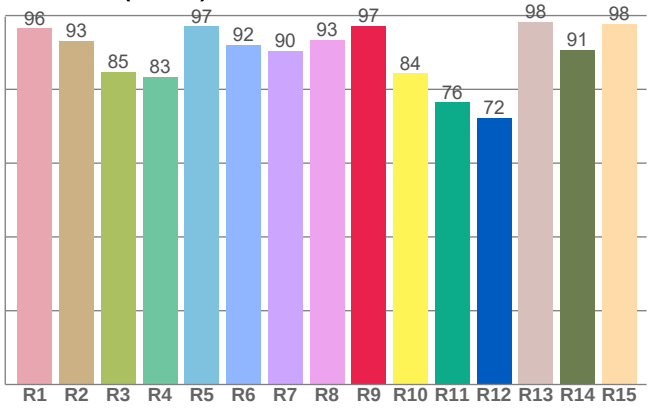
CIE 1931



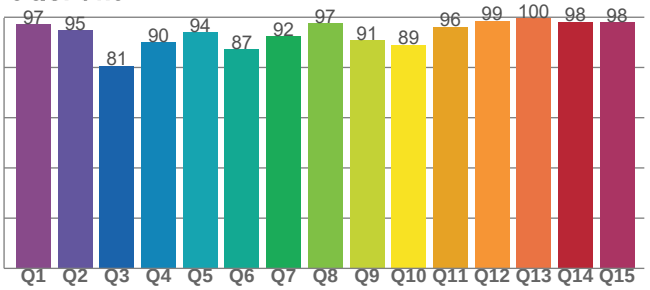
CIE 1931 - Zoom



CRI: 91.3 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5630 K	0.330	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.338	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.3	97.2	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
86	87.9	106.9

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Chromaticity Report

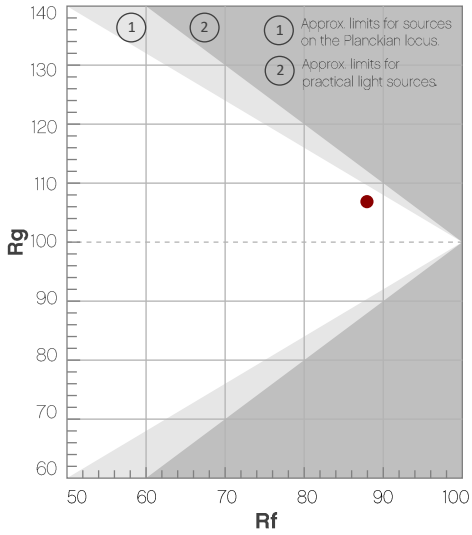
WELL Panel: 5600K

TM-30-18 Details

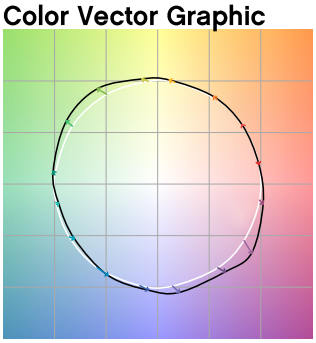
Rf 87.9
Fidelity Index (Rg)

Rg 106.9
Gamut Index (Rg)

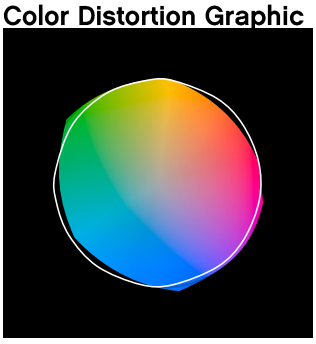
Hue Bin	R_f	Chroma Shift	Hue Shift
1	94	0%	-2%
2	96	0%	1%
3	90	1%	5%
4	89	1%	6%
5	85	3%	5%
6	84	10%	4%
7	87	8%	-1%
8	92	2%	-3%
9	93	-2%	-1%
10	90	-3%	4%
11	77	0%	13%
12	85	3%	9%
13	89	7%	5%
14	85	7%	4%
15	83	13%	-6%
16	91	4%	-3%



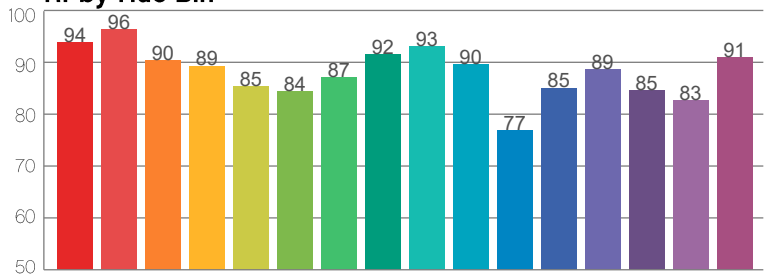
Color Vector Graphic



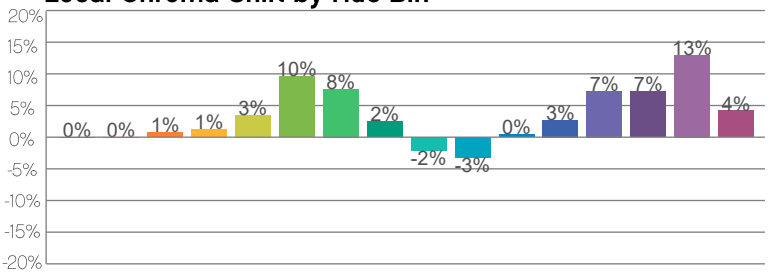
Color Distortion Graphic



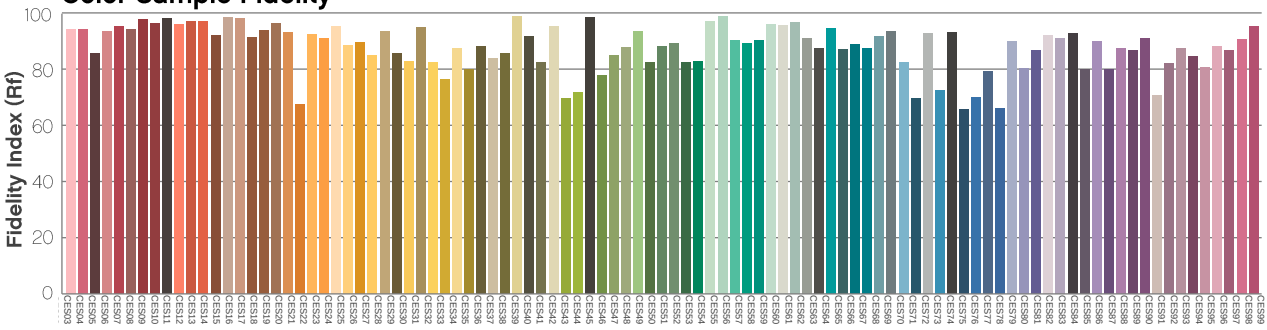
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

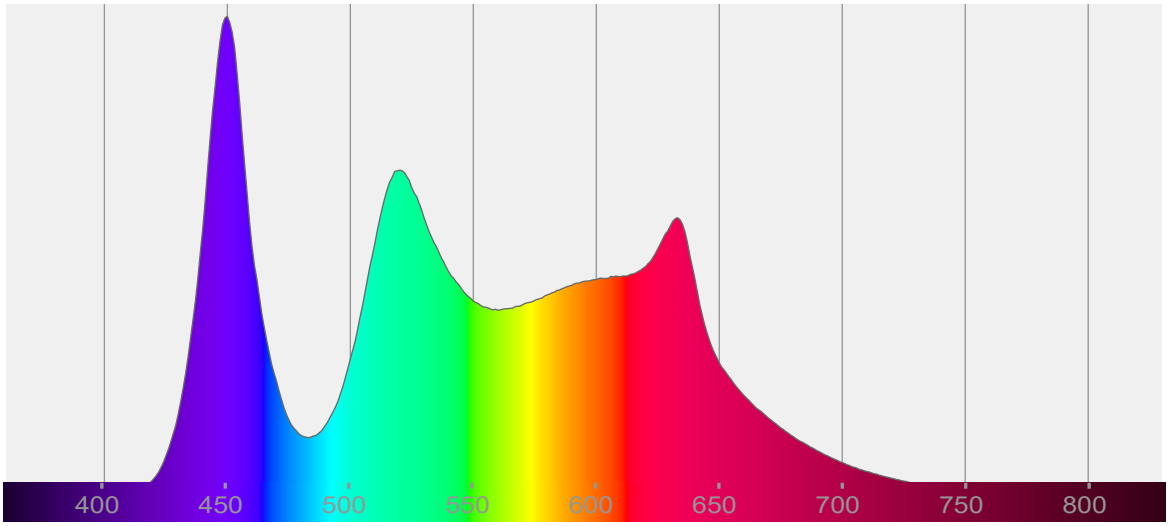
Total Lumens: 2077 lm
Peak Intensity: 4800 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5526K
Δuv: -0.0039

CRI: 91.0 CRI R9 Value: 97.2
CQS: 91.8
TLCI: 84
TM-30-18 Rf: 87.7
TM-30-18 Rg: 107.4
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5526 K
CIE 1931 Coordinates:
X: 0.332 Y: 0.339

Color Temperature

5526 K

Light Quality

CRI: 91.0

Notes:

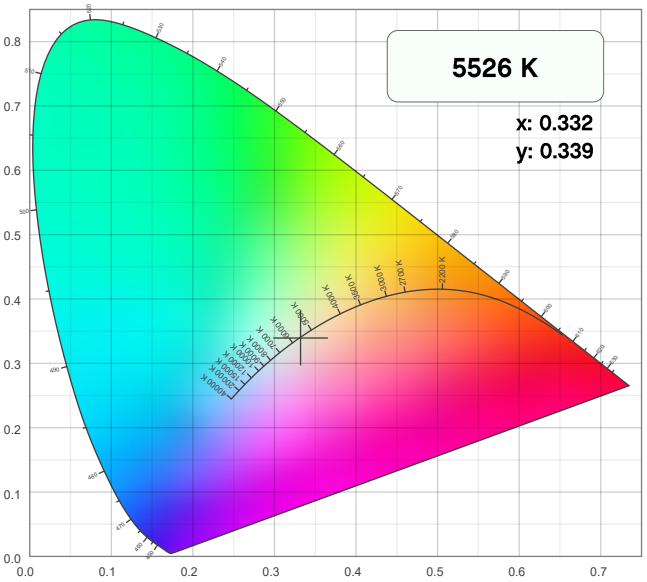
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Chromaticity Report

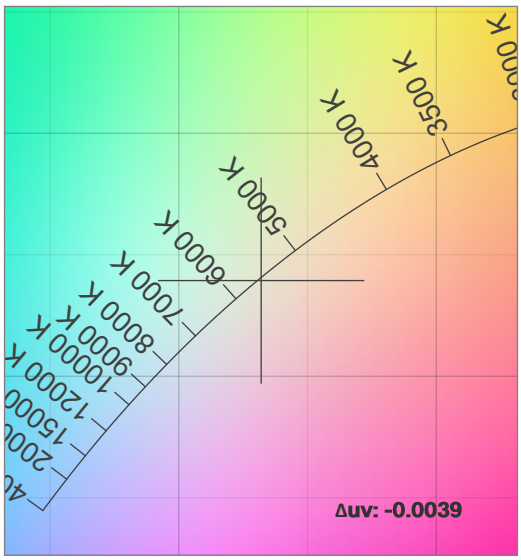
WELL Panel: 5600K

Chromaticity

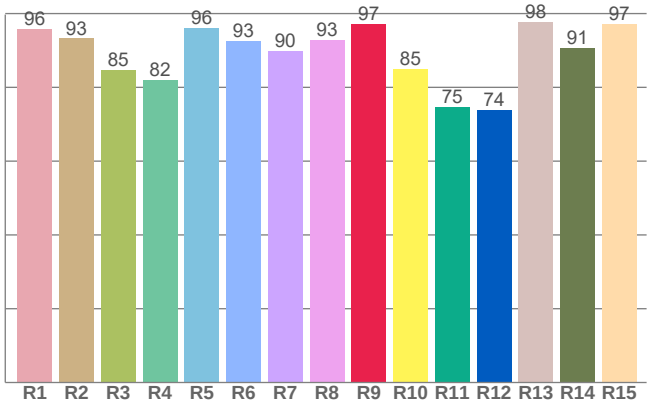
CIE 1931



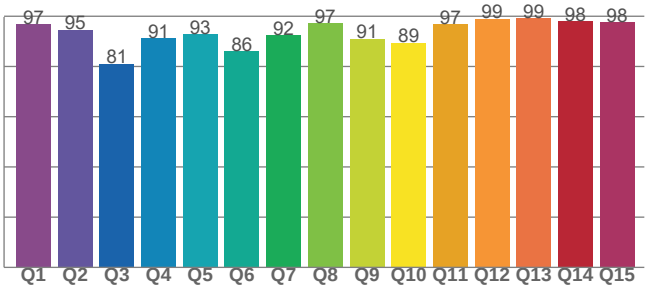
CIE 1931 - Zoom



CRI: 91.0 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5526 K	0.332	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.339	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.0	97.2	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
84	87.7	107.4

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Chromaticity Report

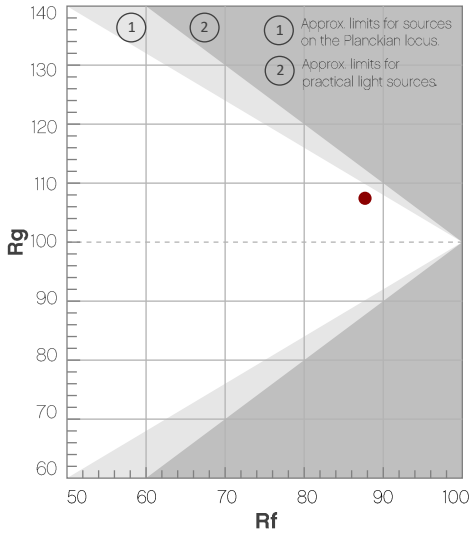
WELL Panel: 5600K

TM-30-18 Details

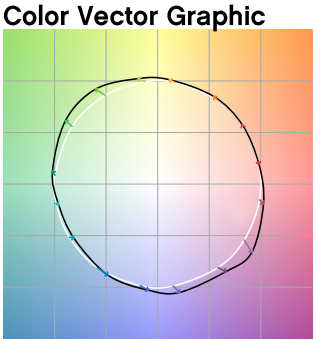
Rf 87.7
Fidelity Index (Rg)

Rg 107.4
Gamut Index (Rg)

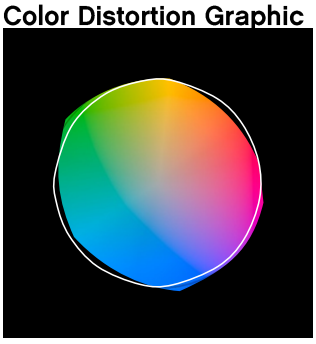
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	90	1%	5%
4	89	2%	6%
5	86	4%	6%
6	82	10%	5%
7	86	9%	-1%
8	90	3%	-4%
9	93	-2%	-2%
10	91	-3%	3%
11	78	0%	13%
12	85	3%	9%
13	89	7%	5%
14	84	7%	4%
15	83	13%	-6%
16	90	4%	-3%



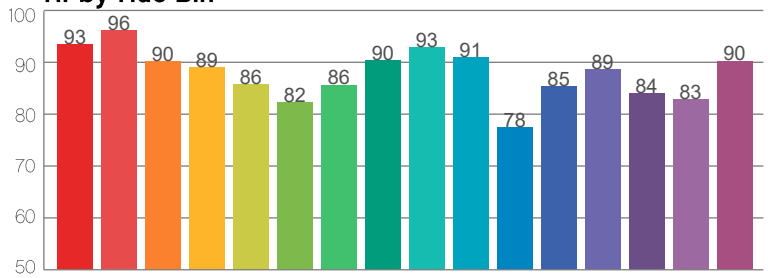
Color Vector Graphic



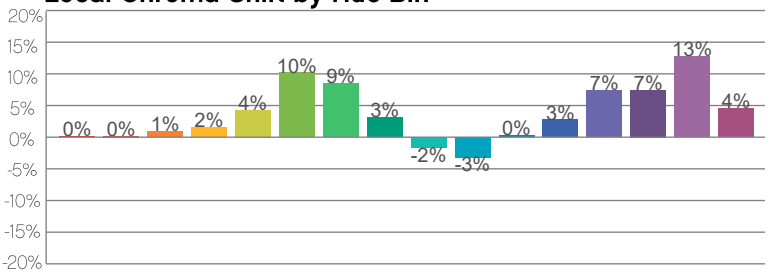
Color Distortion Graphic



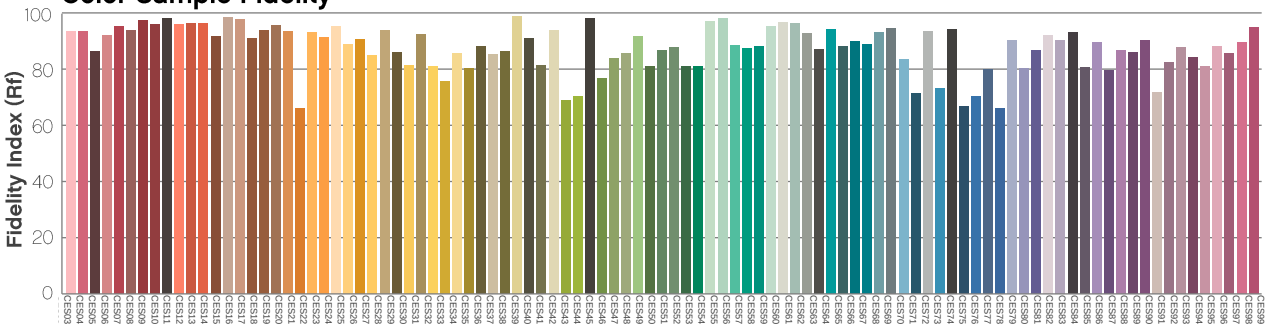
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

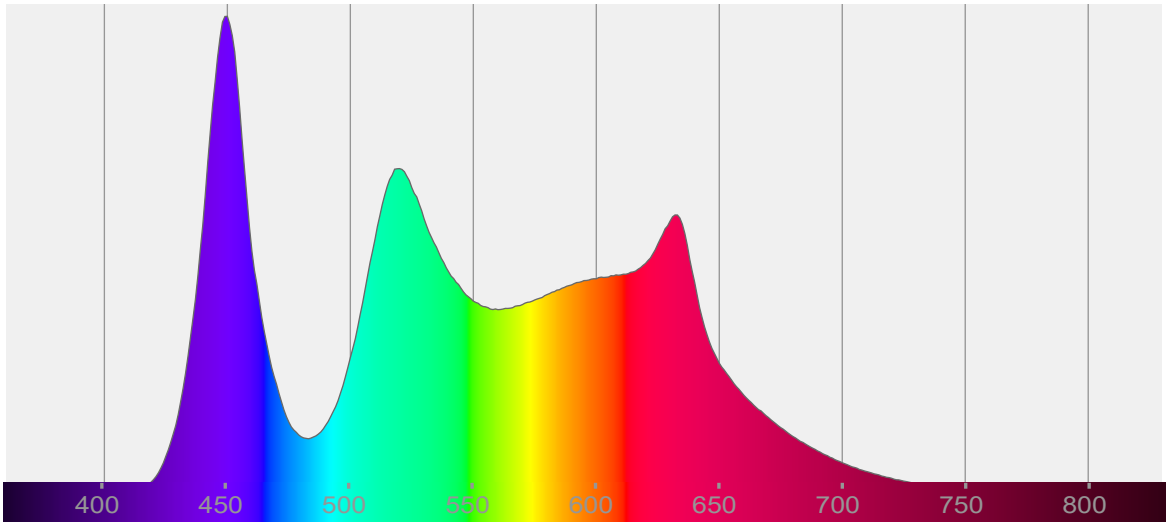
Total Lumens: 1313 lm
Peak Intensity: 3029 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5494K
Δuv: -0.0039

CRI: 90.9 CRI R9 Value: 97.0
CQS: 91.8
TLCI: 83
TM-30-18 Rf: 88.1
TM-30-18 Rg: 106.9
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5494 K
CIE 1931 Coordinates:
X: 0.333 Y: 0.340

Color Temperature

5494 K

Light Quality

CRI: 90.9

Notes:

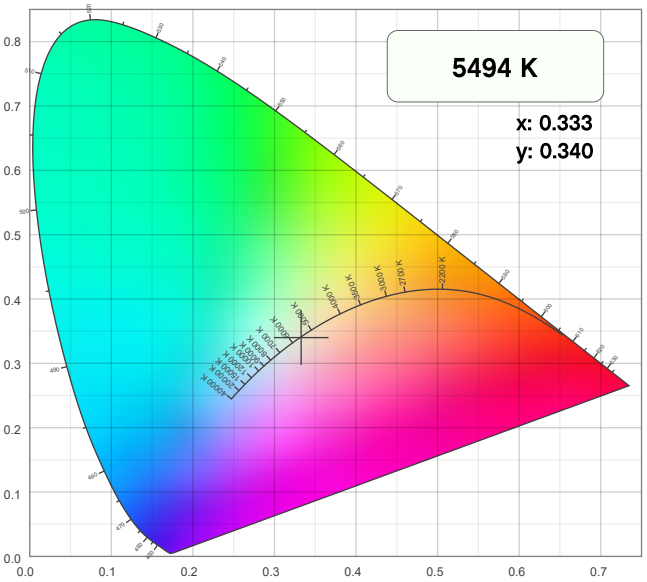
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Chromaticity Report

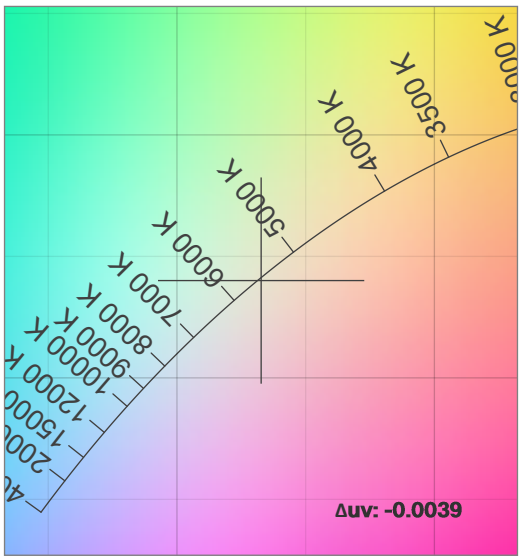
WELL Panel: 5600K

Chromaticity

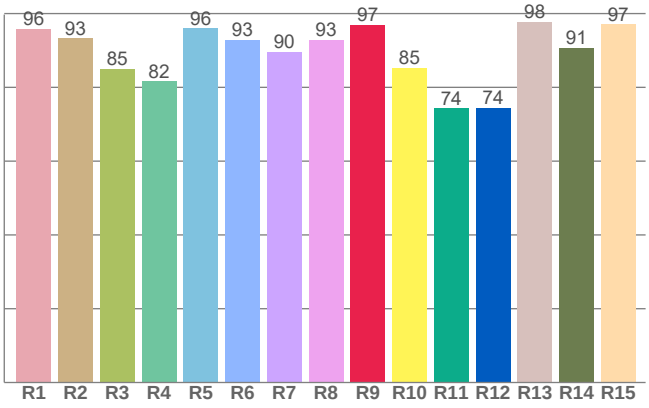
CIE 1931



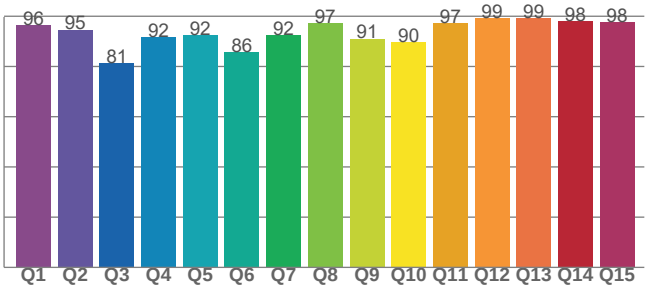
CIE 1931 - Zoom



CRI: 90.9 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5494 K	0.333	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.340	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.9	97.0	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
83	88.1	106.9

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Chromaticity Report

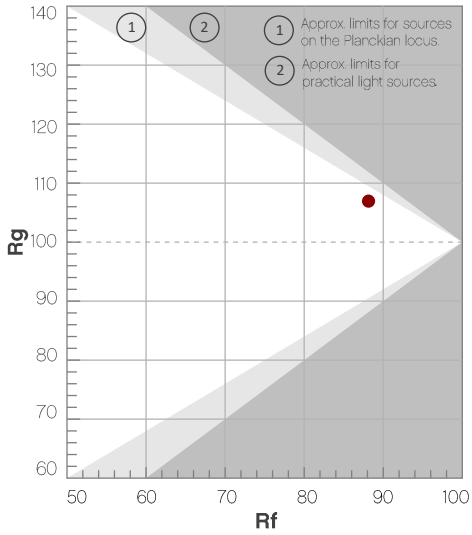
WELL Panel: 5600K

TM-30-18 Details

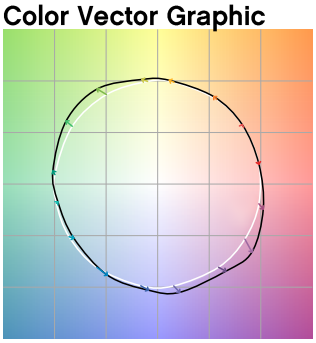
Rf 88.1
Fidelity Index (Rg)

Rg 106.9
Gamut Index (Rg)

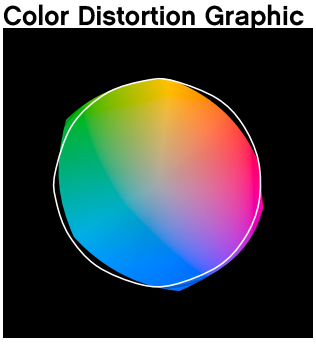
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	91	1%	4%
4	90	1%	5%
5	86	3%	5%
6	84	10%	5%
7	87	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	91	-3%	4%
11	77	1%	13%
12	86	3%	8%
13	89	7%	4%
14	85	7%	4%
15	82	13%	-7%
16	89	5%	-4%



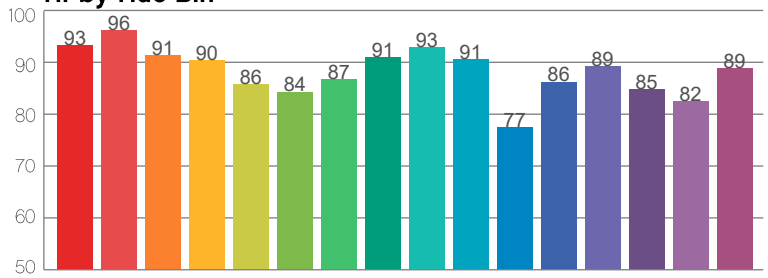
Color Vector Graphic



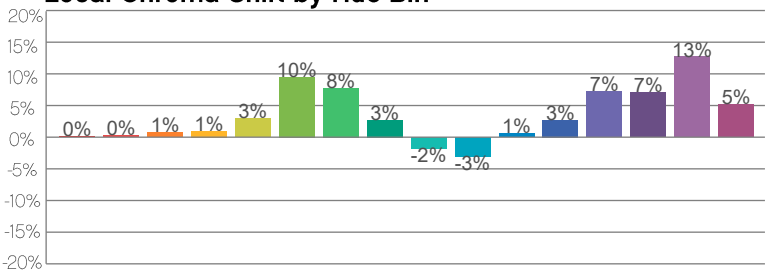
Color Distortion Graphic



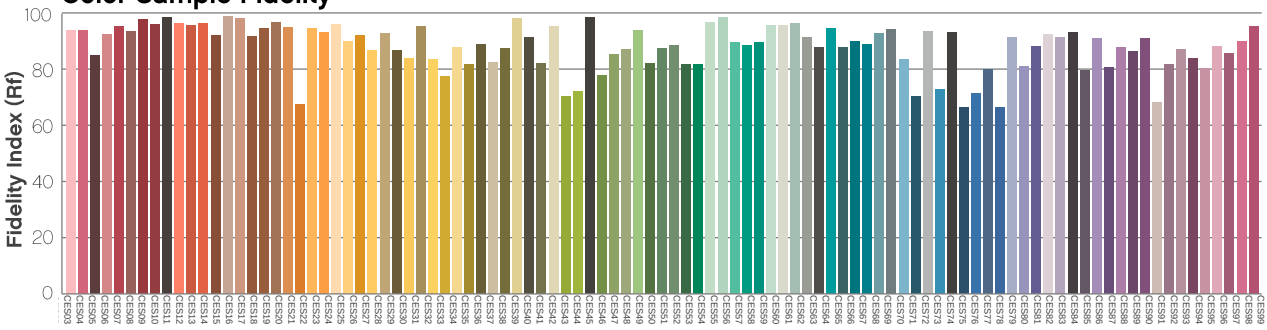
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

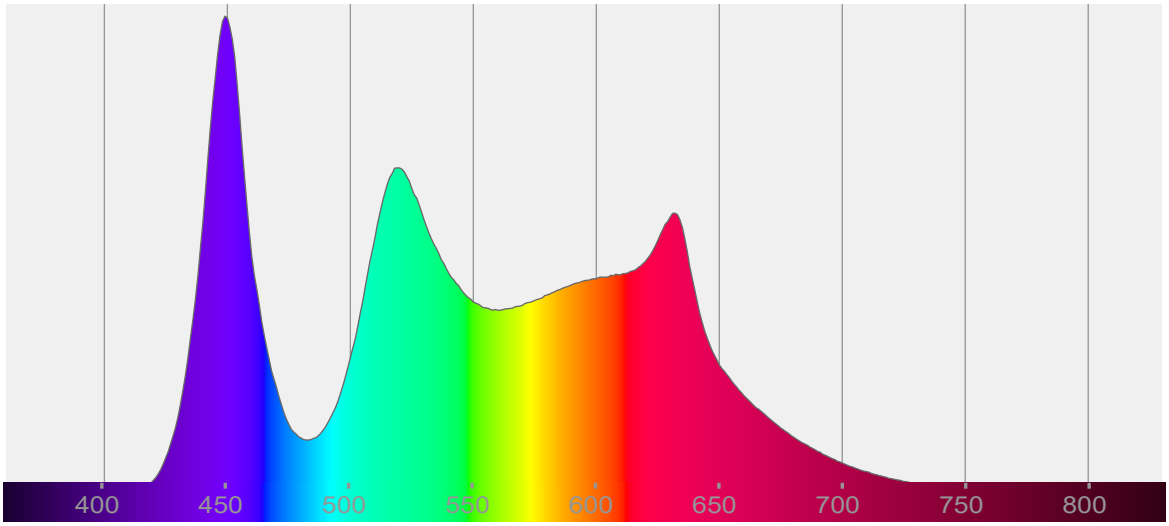
Total Lumens: 853 lm
Peak Intensity: 1972 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 5464K
Δuv: -0.0038

CRI: 90.8 CRI R9 Value: 96.4
CQS: 91.8
TLCI: 82
TM-30-18 Rf: 88.1
TM-30-18 Rg: 107.0
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 520 nM



Spectral Distribution



Tested Color

5464 K
CIE 1931 Coordinates:
X: 0.333 Y: 0.341

Color Temperature

5464 K

Light Quality

CRI: 90.8

Notes:

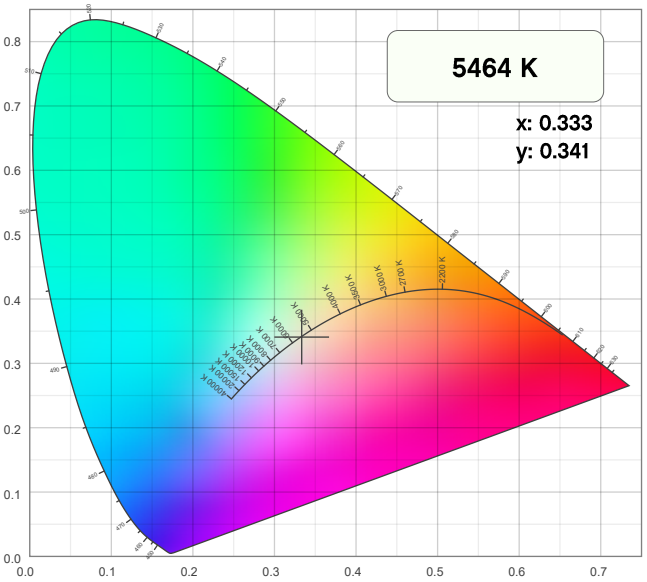
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Chromaticity Report

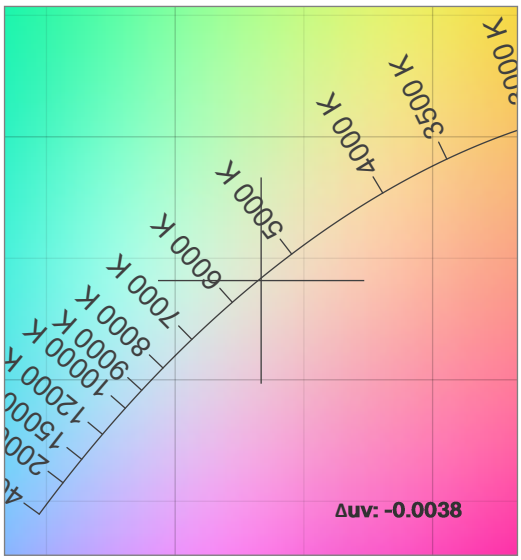
WELL Panel: 5600K

Chromaticity

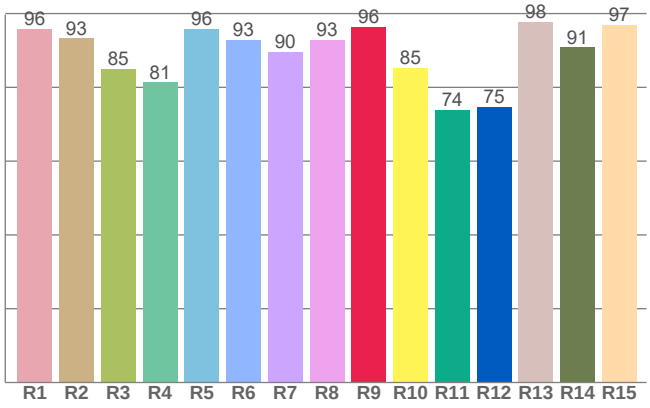
CIE 1931



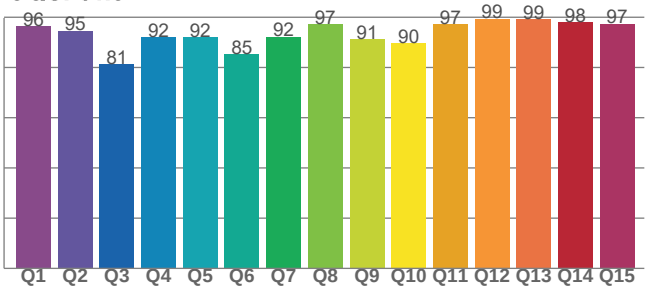
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 91.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5464 K	0.333	0.341

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.341	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	96.4	91.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
82	88.1	107.0

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Chromaticity Report

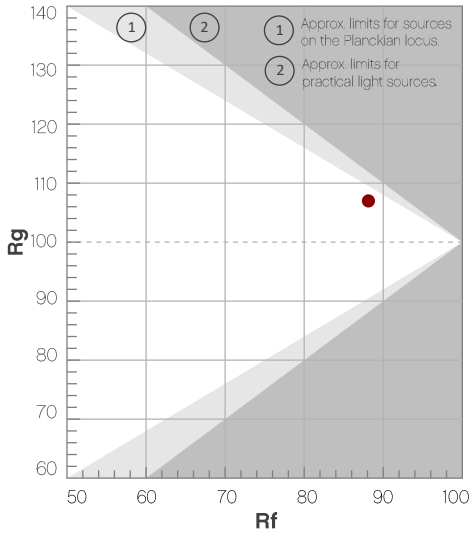
WELL Panel: 5600K

TM-30-18 Details

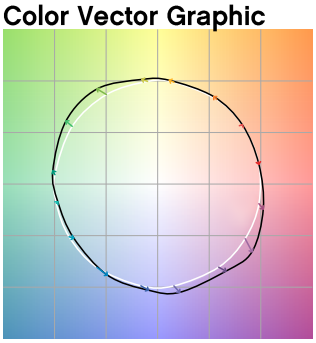
Rf 88.1
Fidelity Index (Rg)

Rg 107.0
Gamut Index (Rg)

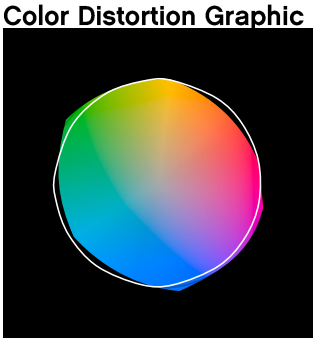
Hue Bin	R_f	Chroma Shift	Hue Shift
1	93	0%	-2%
2	96	0%	0%
3	91	1%	4%
4	90	1%	5%
5	86	3%	5%
6	84	10%	5%
7	86	8%	-1%
8	91	3%	-3%
9	93	-2%	-1%
10	91	-3%	3%
11	78	1%	13%
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15	82	13%	-7%
16	89	5%	-4%



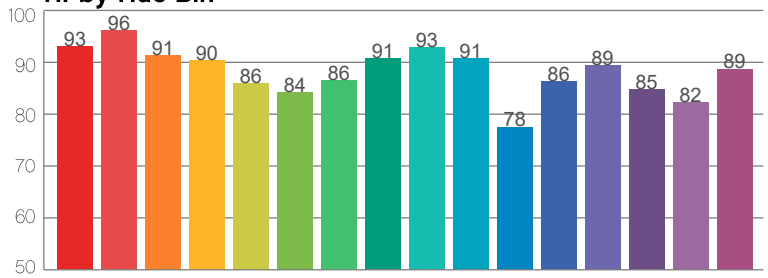
Color Vector Graphic



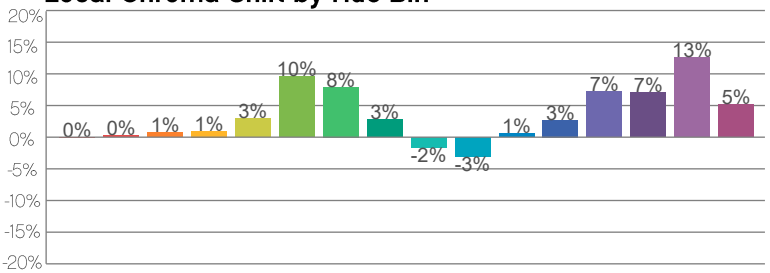
Color Distortion Graphic



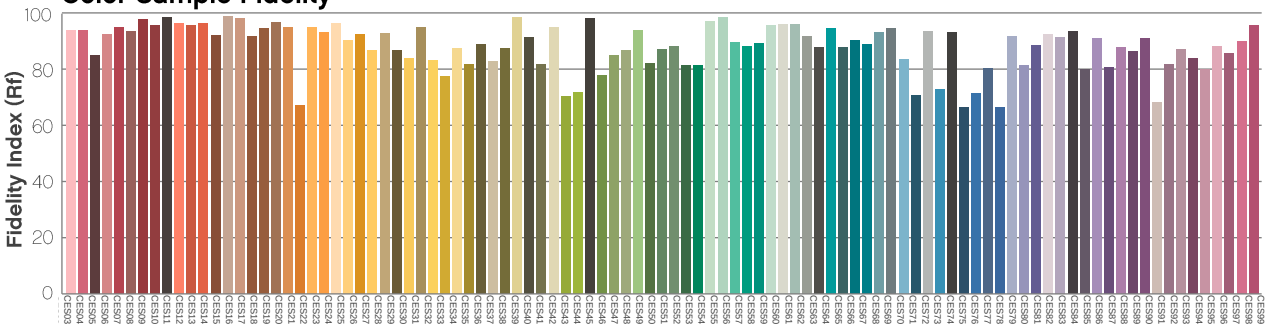
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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General Information	Technical Support
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.