

PHOTOMETRICS REPORT

WELL PANEL

WIRELESS EVENT LED LUMINAIRE

STANDARD OPTICS



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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, RGBW

Report Summary

Output

Total Lumens: 5773 lm
Peak Intensity: 70821 cd
Illuminance @ 5m: 2830 lux
Fixture Efficacy: 29 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 37.2°
Vertical Cutoff Angle (3%): 35.8°



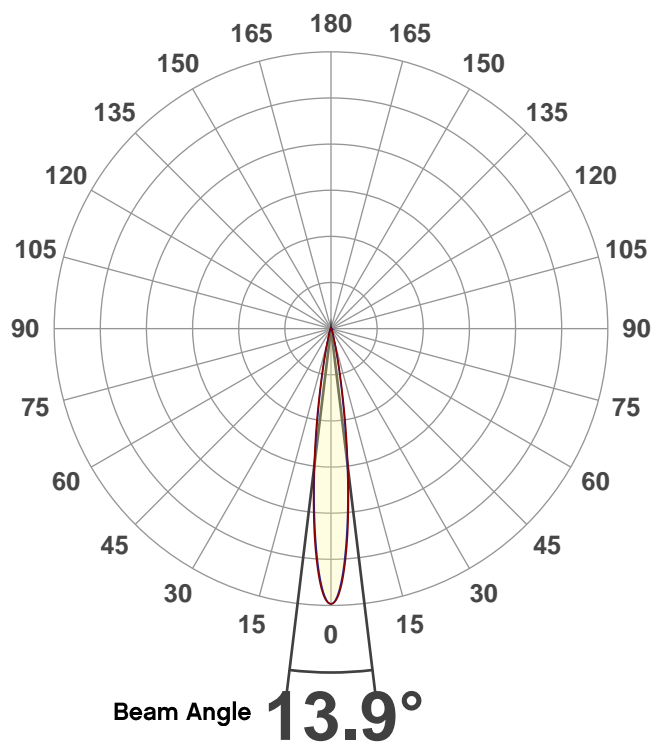
Conditions

AC Supply: 122 V, 60 Hz
Power: 202.11 W
Current: 1.65 A
Power Factor: 1.0

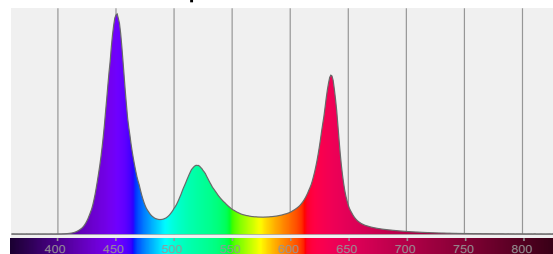
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/26/2020 to LM-63-2002 Standards.

Overall Measurement

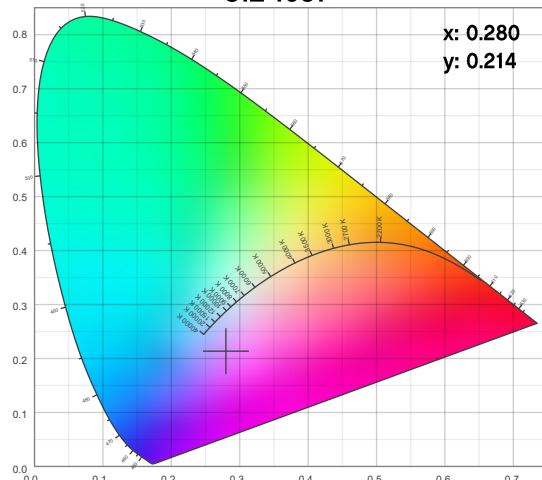
Angular Beam Distribution



Spectral Distribution



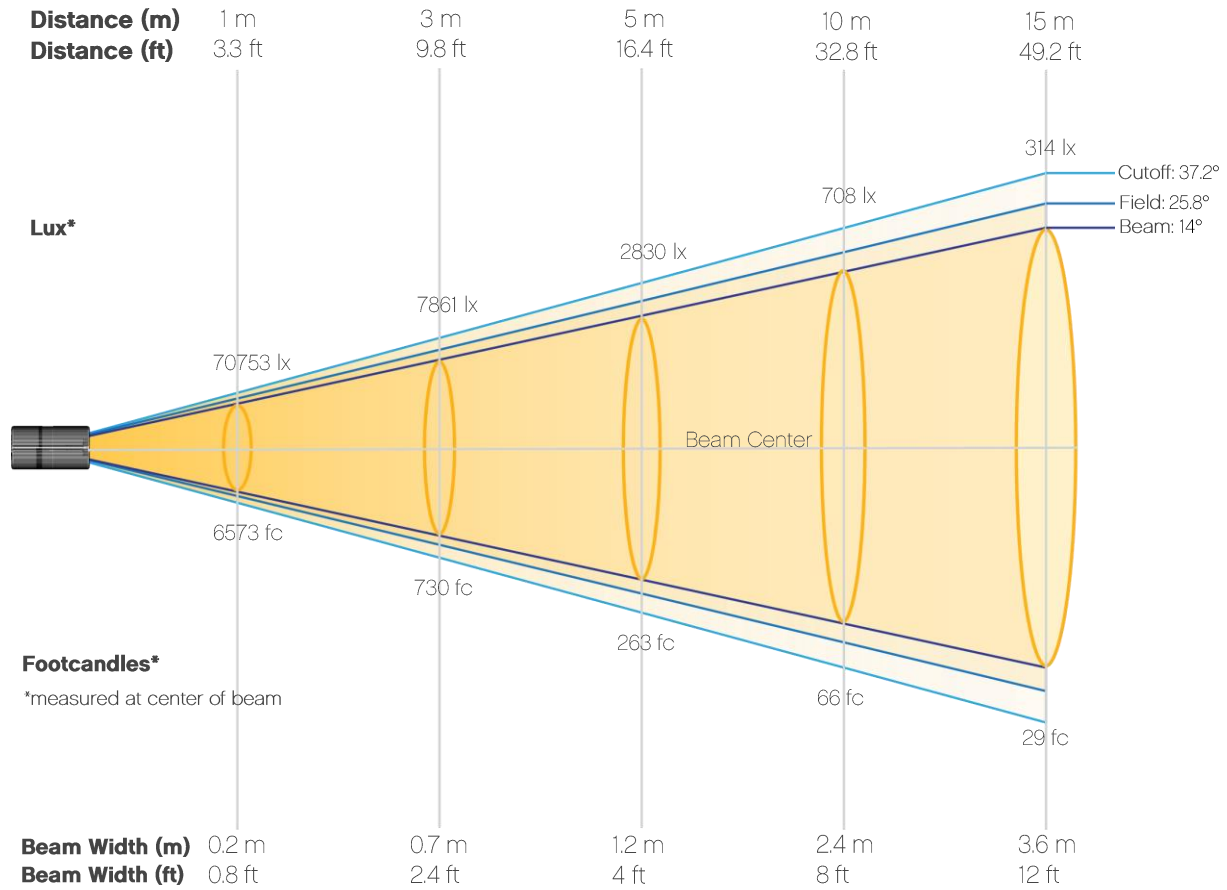
CIE 1931



Photometric Report

WELL Panel: Standard Optics, RGBW

Beam Details



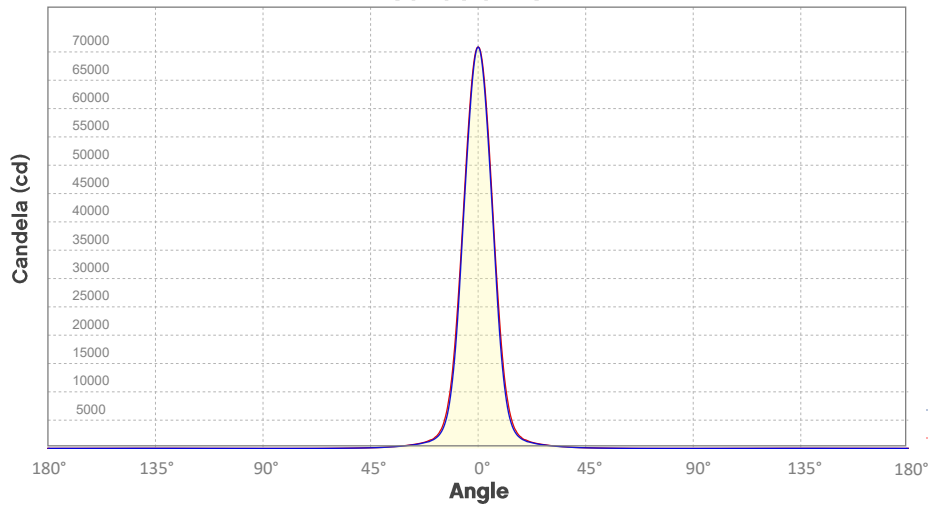
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	70753	17688	7861	4422	2830	1965	1444	1106	873	708
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	585	491	419	361	314	276	245	218	196	177
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6573	1643	730	411	263	183	134	103	81	66
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	54	46	39	34	29	26	23	20	18	16

Photometric Report

WELL Panel: Standard Optics, RGBW

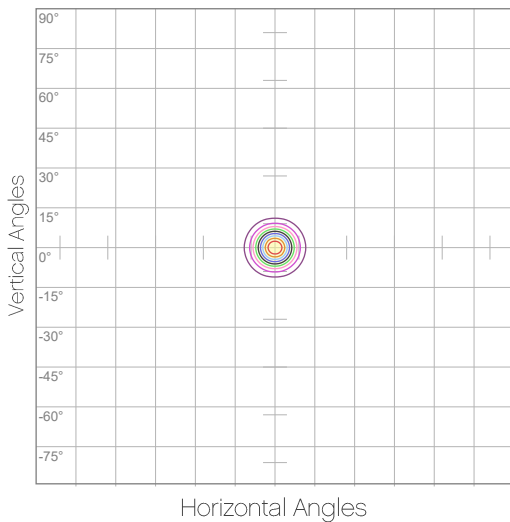
Candela Plot



Beam Angle (50%): 13.9°
Field Angle (10%): 25.3°
Cutoff Angle (3%): 36.7°

— Horizontal Distribution
— Vertical Distribution

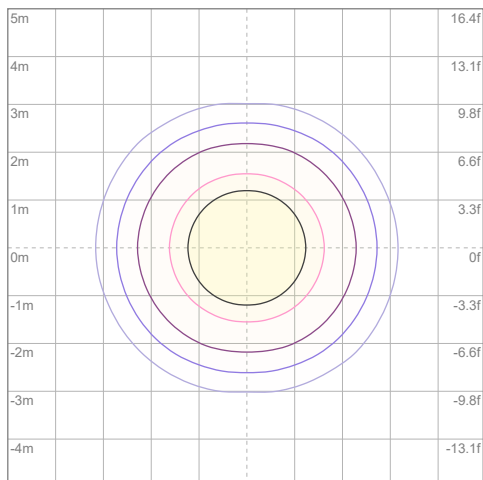
Polar Diagrams



iso-candela Diagram

10%	7075 cd
20%	14151 cd
30%	21226 cd
40%	28301 cd
50%	35376 cd
60%	42452 cd
70%	49527 cd
80%	56602 cd
90%	63678 cd

Conditions:
Number of c-planes: 8
Candela at center: 70753 cd



iso-illuminance Diagram

3%	21.2 lx
5%	35.4 lx
10%	70.8 lx
30%	212 lx
50%	354 lx

Conditions:
Number of c-planes: 8
Lux at center: 708 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, RGBW

Report Summary

Output

Total Lumens: 4823 lm
Peak Intensity: 59106 cd
Illuminance @ 5m: 2362 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 25.9°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 37.3°
Vertical Cutoff Angle (3%): 35.9°



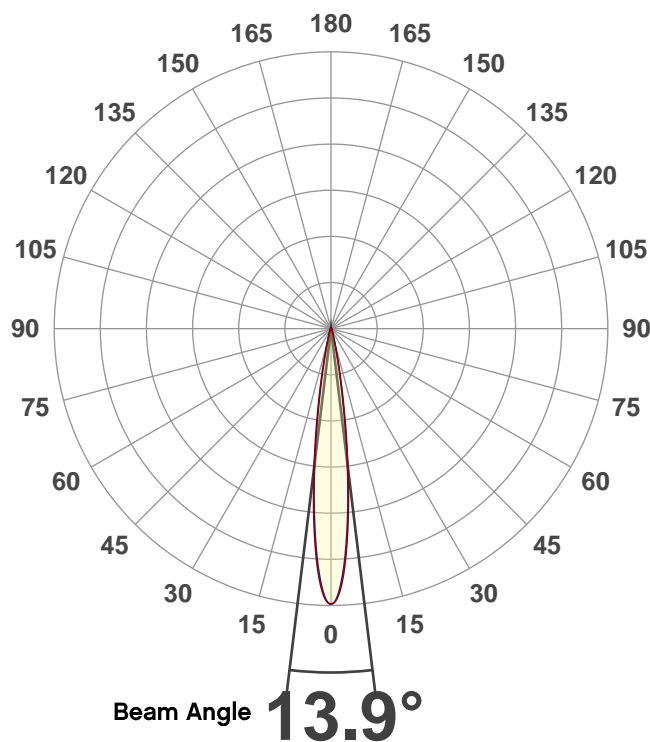
Conditions

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

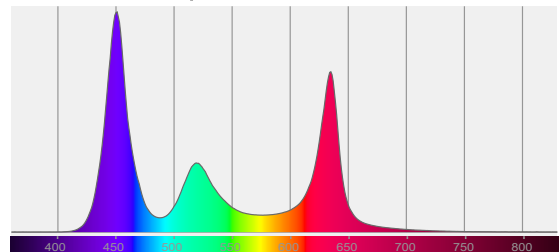
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/26/2020 to LM-63-2002 Standards.

Overall Measurement

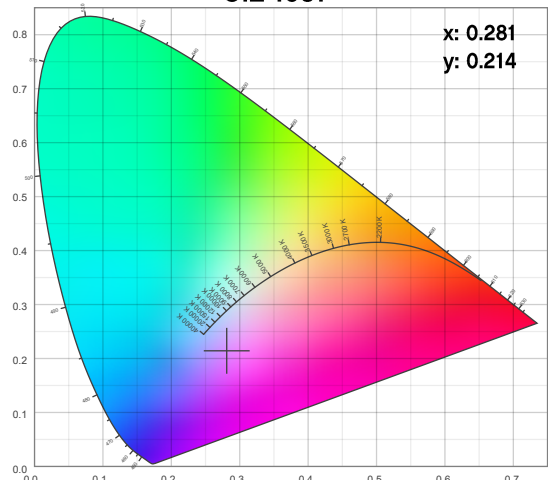
Angular Beam Distribution



Spectral Distribution



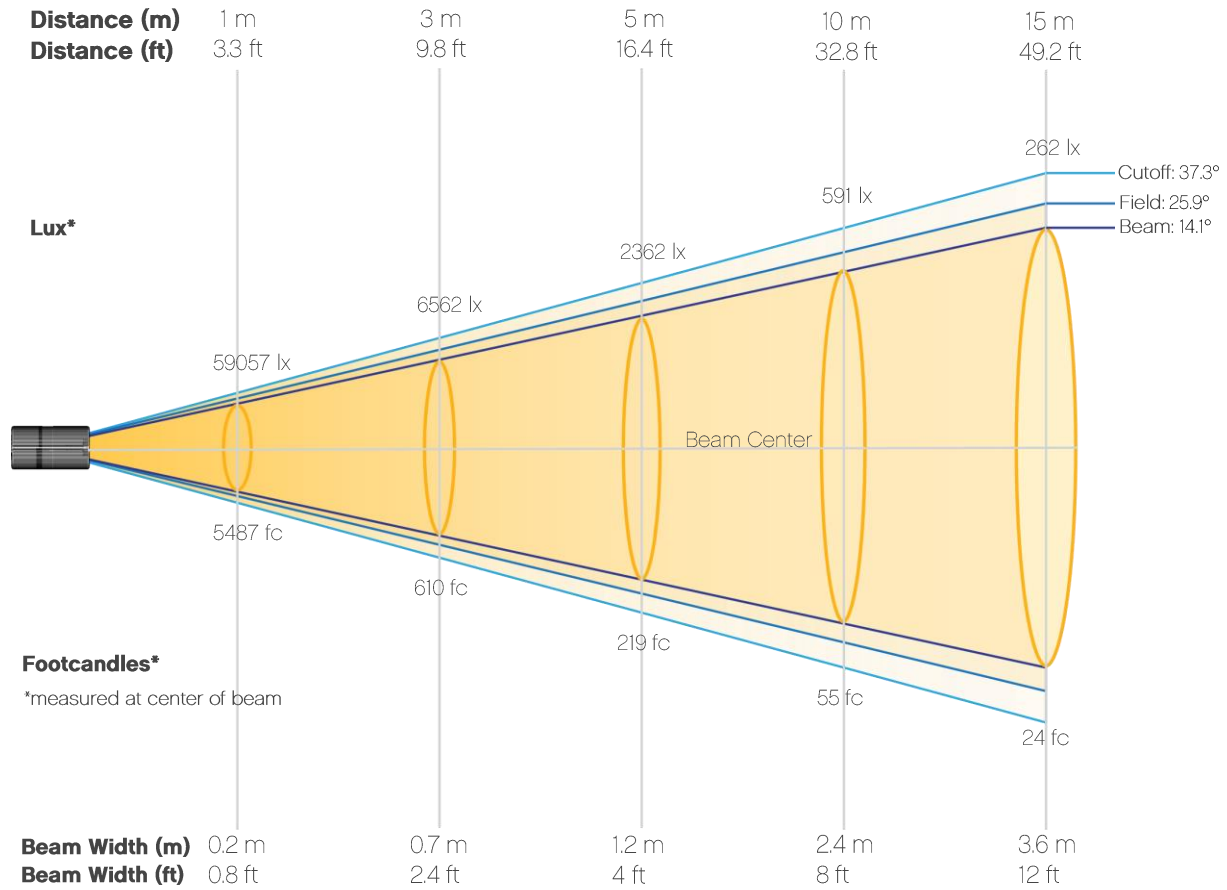
CIE 1931



Photometric Report

WELL Panel: Standard Optics, RGBW

Beam Details



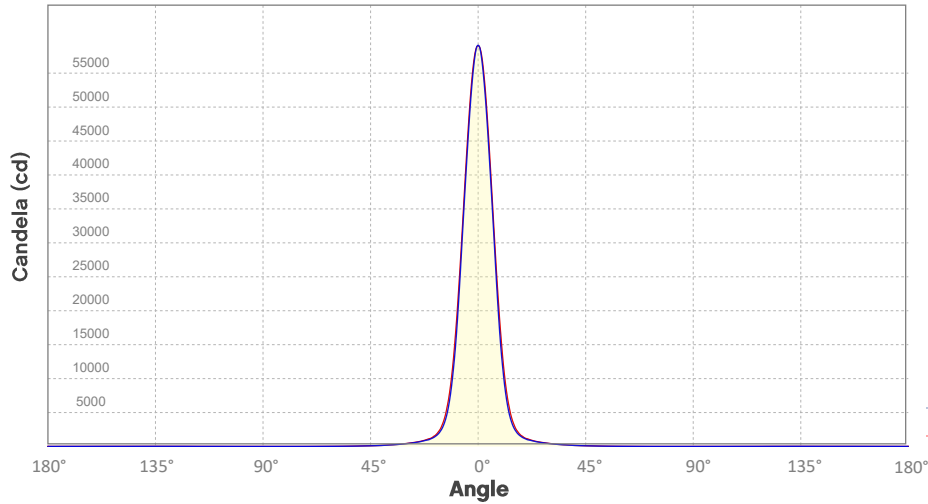
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	59057	14764	6562	3691	2362	1640	1205	923	729	591
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	488	410	349	301	262	231	204	182	164	148
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5487	1372	610	343	219	152	112	86	68	55
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	45	38	32	28	24	21	19	17	15	14

Photometric Report

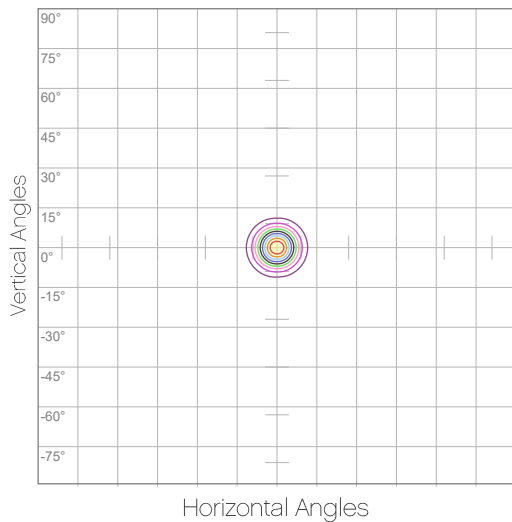
WELL Panel: Standard Optics, RGBW

Candela Plot



Beam Angle (50%): 13.9°
 Field Angle (10%): 25.4°
 Cutoff Angle (3%): 36.7°

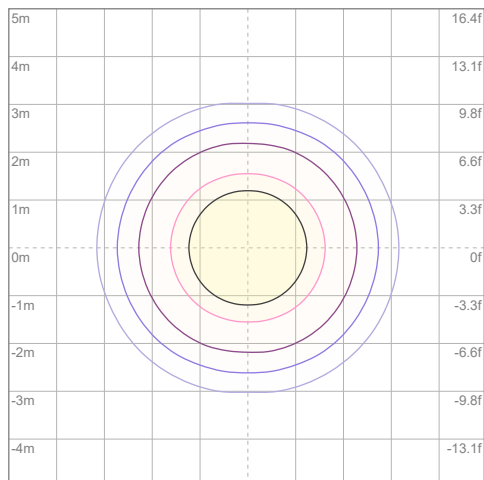
Polar Diagrams



iso-candela Diagram

10%	5906 cd
20%	11811 cd
30%	17717 cd
40%	23623 cd
50%	29529 cd
60%	35434 cd
70%	41340 cd
80%	47246 cd
90%	53151 cd

Conditions:
 Number of c-planes: 8
 Candela at center: 59057 cd



iso-illuminance Diagram

3%	17.7 lx
5%	29.5 lx
10%	59.1 lx
30%	177 lx
50%	295 lx

Conditions:
 Number of c-planes: 8
 Lux at center: 591 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, RGBW

Report Summary

Output

Total Lumens: 2905 lm
Peak Intensity: 35797 cd
Illuminance @ 5m: 1431 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 25.9°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 37.1°
Vertical Cutoff Angle (3%): 35.7°



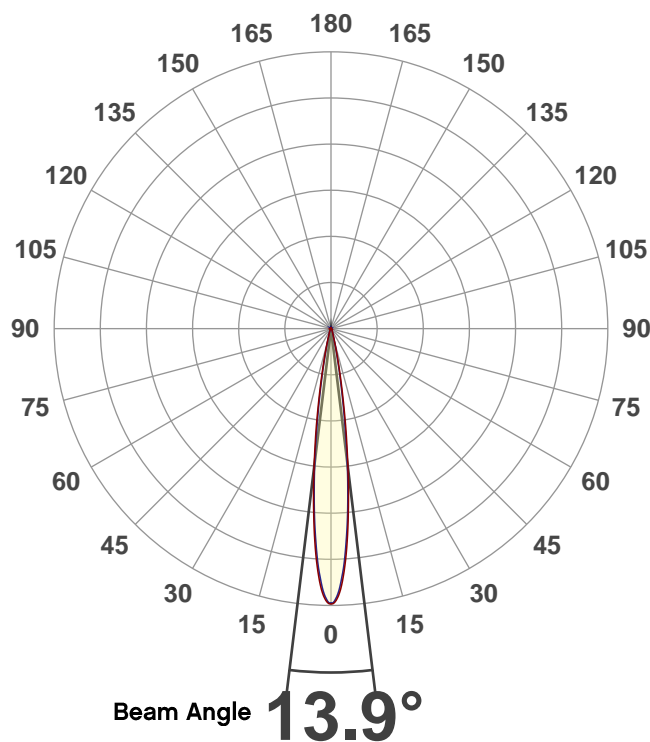
Conditions

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

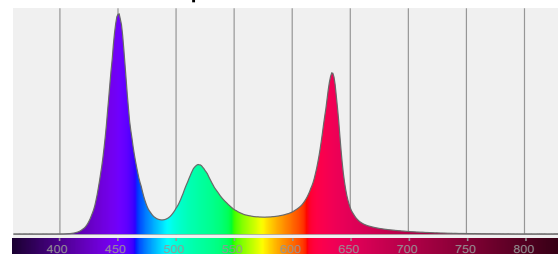
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Overall Measurement

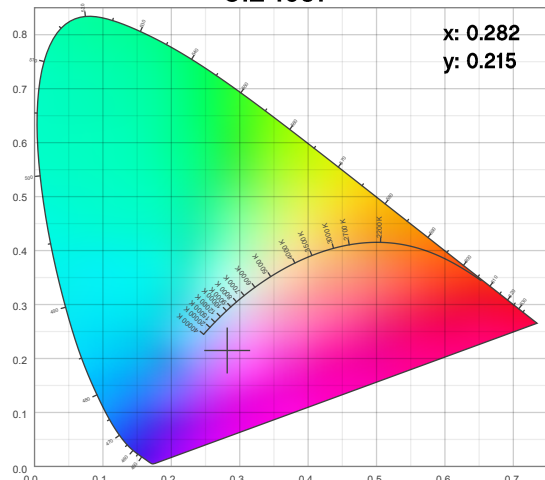
Angular Beam Distribution



Spectral Distribution



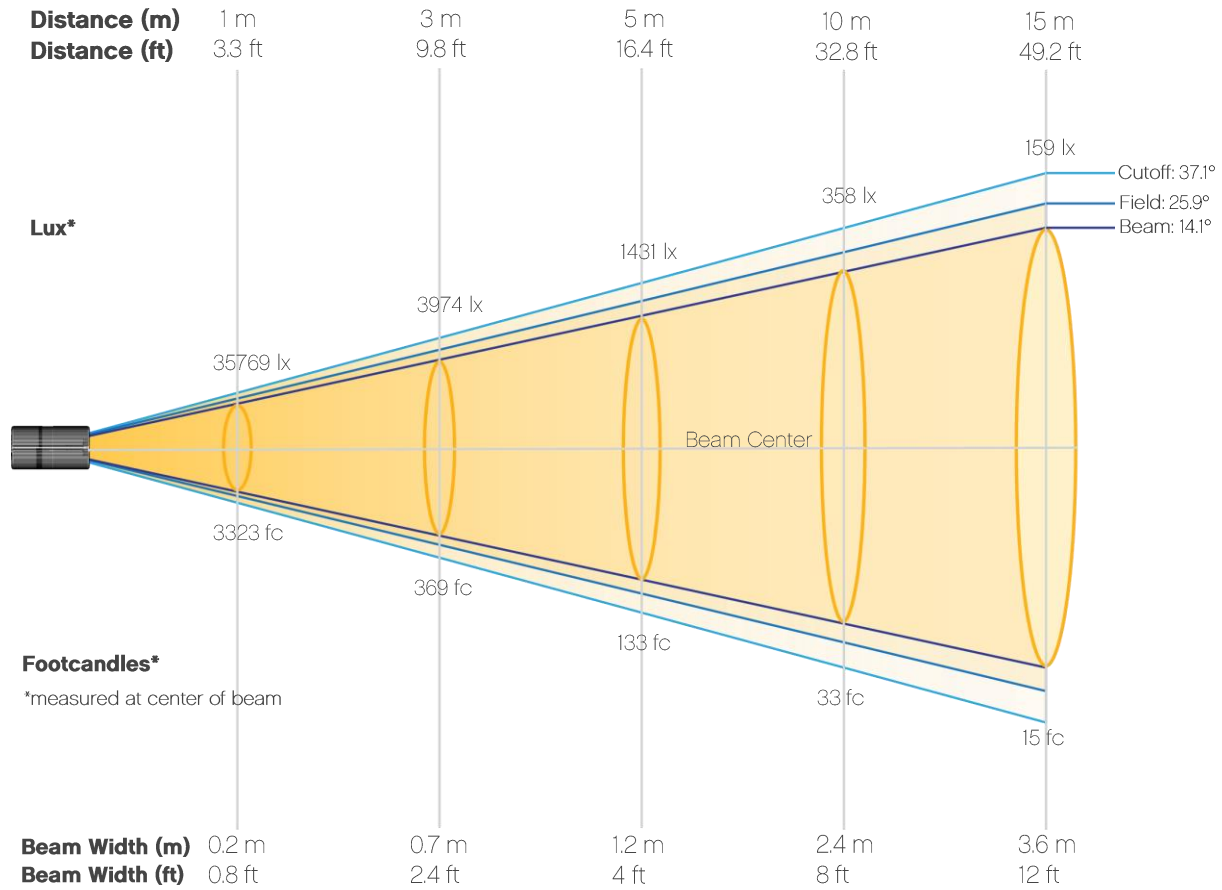
CIE 1931



Photometric Report

WELL Panel: Standard Optics, RGBW

Beam Details



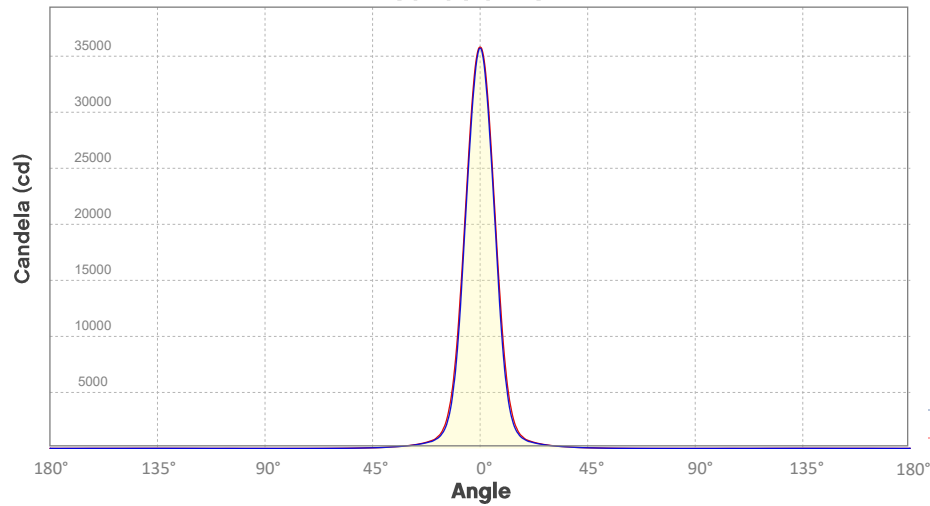
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35769	8942	3974	2236	1431	994	730	559	442	358
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	296	248	212	182	159	140	124	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3323	831	369	208	133	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

Photometric Report

WELL Panel: Standard Optics, RGBW

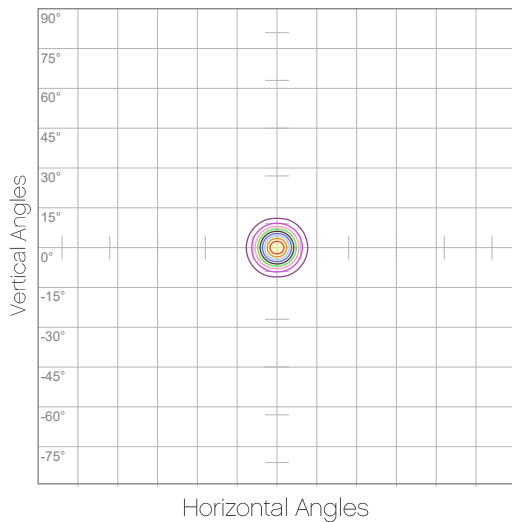
Candela Plot



Beam Angle (50%): 13.9°
Field Angle (10%): 25.4°
Cutoff Angle (3%): 36.7°

— Horizontal Distribution
— Vertical Distribution

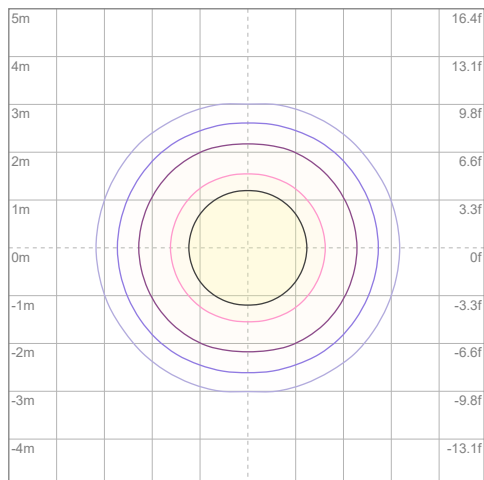
Polar Diagrams



iso-candela Diagram

10%	3577 cd
20%	7154 cd
30%	10731 cd
40%	14308 cd
50%	17885 cd
60%	21462 cd
70%	25038 cd
80%	28615 cd
90%	32192 cd

Conditions:
Number of c-planes: 8
Candela at center: 35769 cd



iso-illuminance Diagram

3%	10.7 lx
5%	17.9 lx
10%	35.8 lx
30%	107 lx
50%	179 lx

Conditions:
Number of c-planes: 8
Lux at center: 358 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, RGBW

Report Summary

Output

Total Lumens: 1843 lm
Peak Intensity: 22475 cd
Illuminance @ 5m: 899 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 25.9°
Vertical Field Angle (10%): 24.8°
Horizontal Cutoff Angle (3%): 37°
Vertical Cutoff Angle (3%): 35.9°



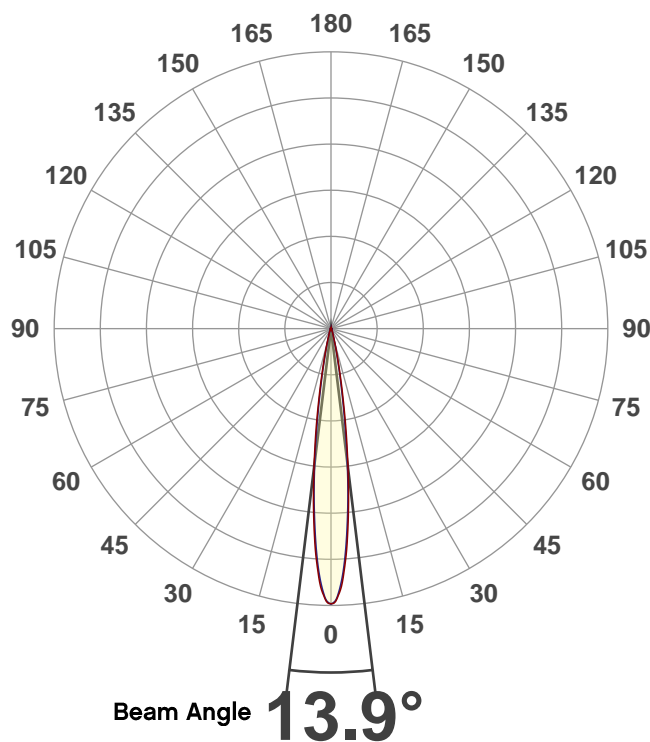
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

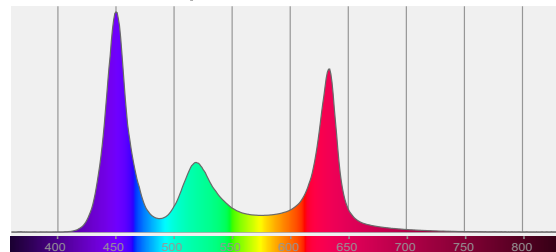
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Overall Measurement

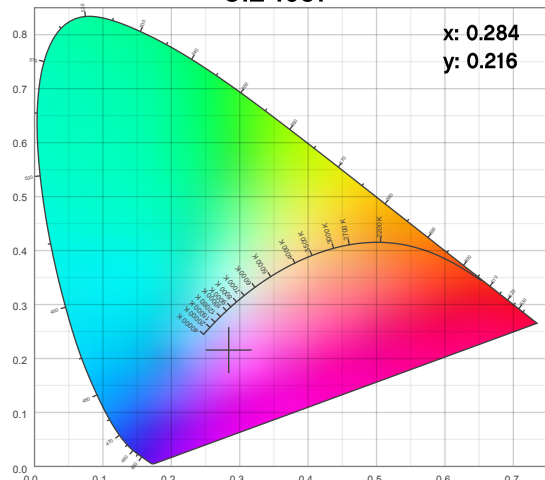
Angular Beam Distribution



Spectral Distribution



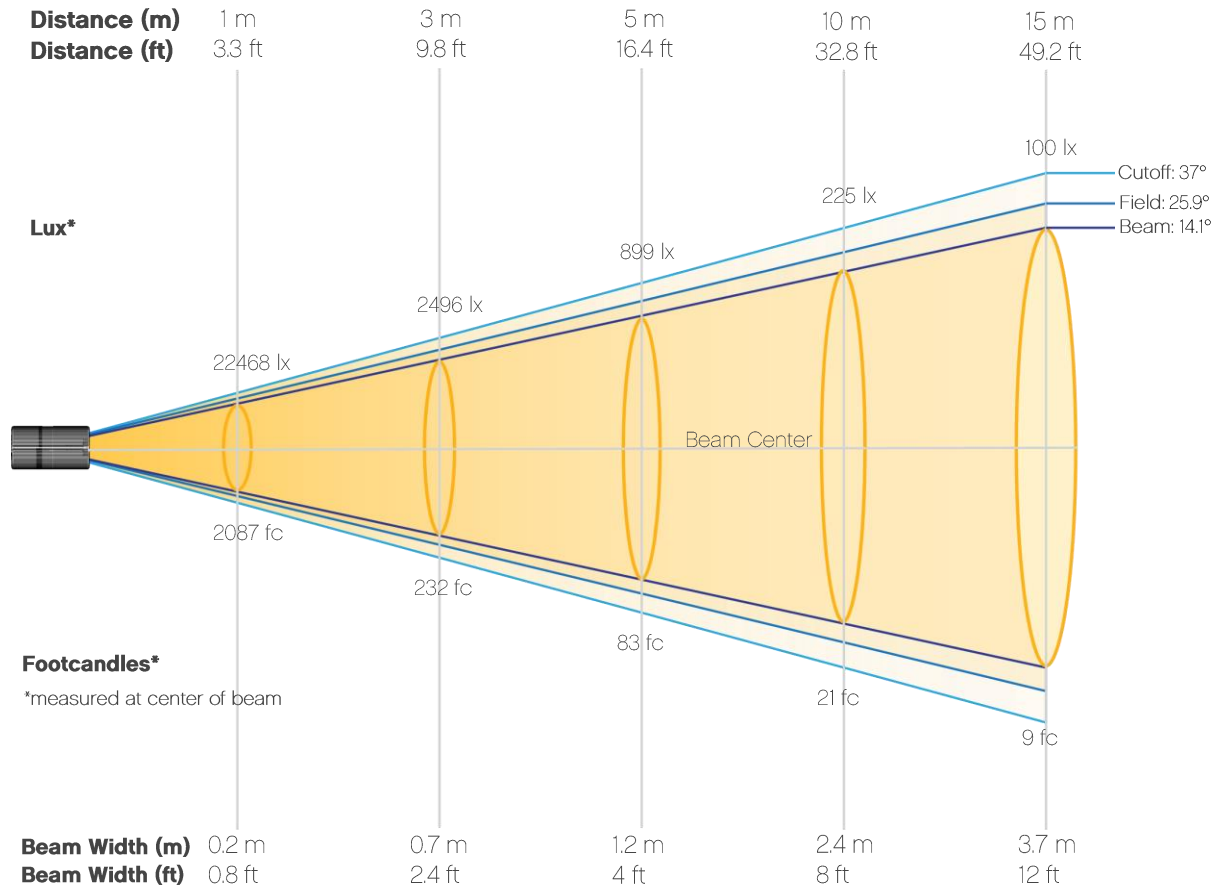
CIE 1931



Photometric Report

WELL Panel: Standard Optics, RGBW

Beam Details



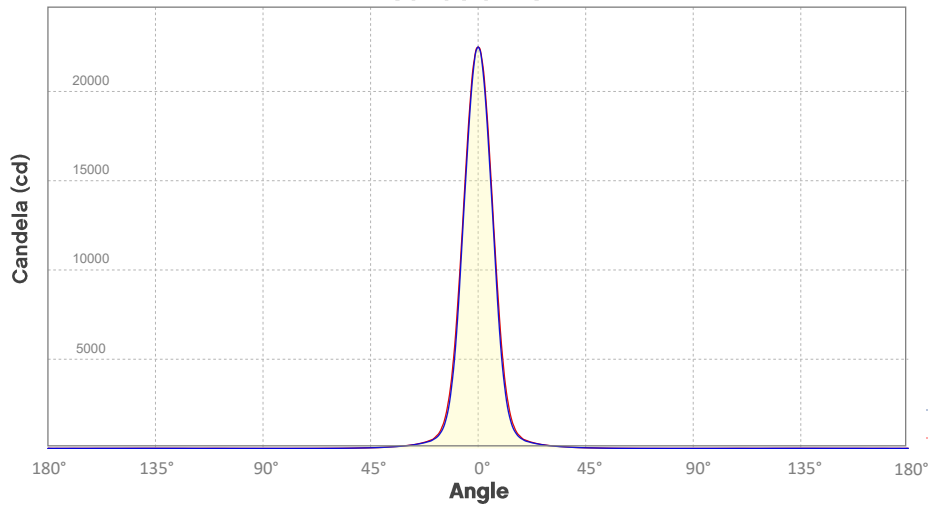
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	22468	5617	2496	1404	899	624	459	351	277	225
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	186	156	133	115	100	88	78	69	62	56
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2087	522	232	130	83	58	43	33	26	21
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	17	14	12	11	9	8	7	6	6	5

Photometric Report

WELL Panel: Standard Optics, RGBW

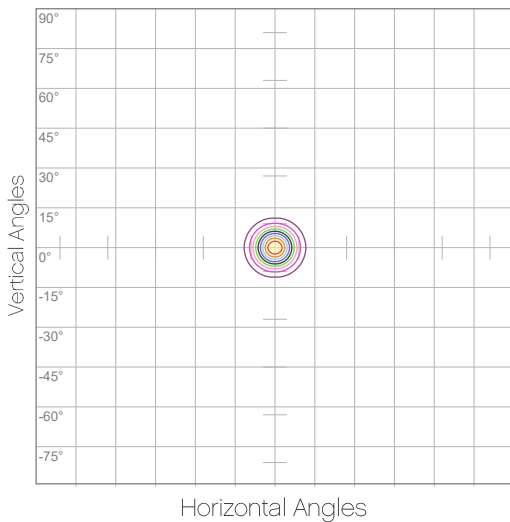
Candela Plot



Beam Angle (50%): 13.9°
Field Angle (10%): 25.4°
Cutoff Angle (3%): 36.7°

— Horizontal Distribution
— Vertical Distribution

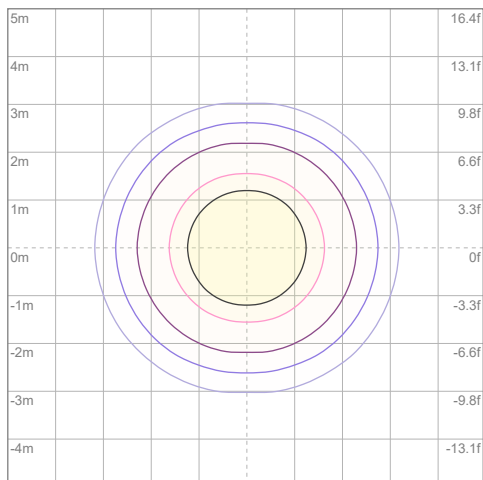
Polar Diagrams



iso-candela Diagram

10%	2247 cd
20%	4494 cd
30%	6740 cd
40%	8987 cd
50%	11234 cd
60%	13481 cd
70%	15727 cd
80%	17974 cd
90%	20221 cd

Conditions:
Number of c-planes: 8
Candela at center: 22468 cd



iso-illuminance Diagram

3%	6.74 lx
5%	11.2 lx
10%	22.5 lx
30%	67.4 lx
50%	112 lx

Conditions:
Number of c-planes: 8
Lux at center: 225 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 2528 lm
Peak Intensity: 31017 cd
Illuminance @ 5m: 1240 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 25.5°
Vertical Field Angle (10%): 24.5°
Horizontal Cutoff Angle (3%): 36.1°
Vertical Cutoff Angle (3%): 35°



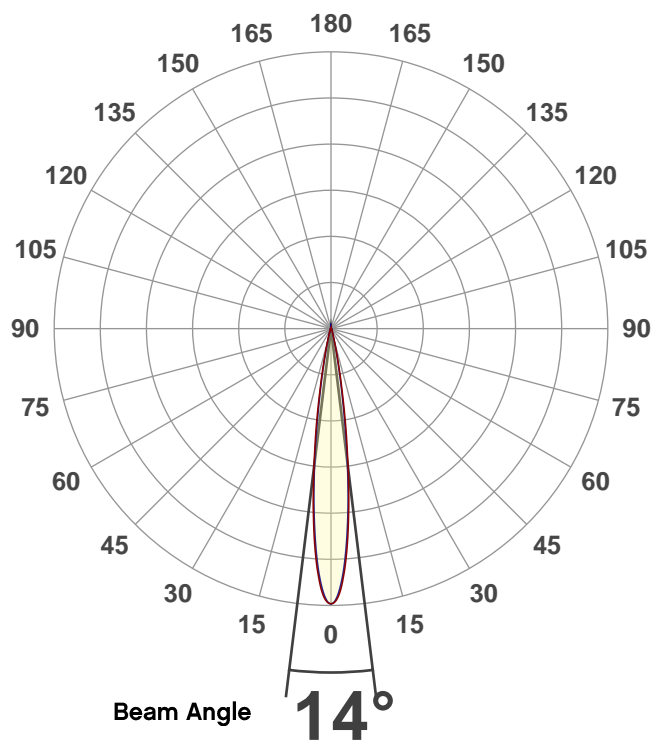
Conditions

AC Supply: 122 V, 60.1 Hz
Power: 202.92 W
Current: 1.66 A
Power Factor: 1.0

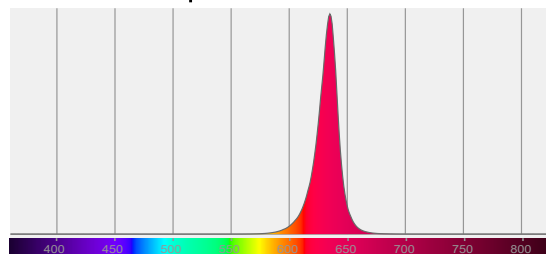
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/26/2020 to LM-63-2002 Standards.

Overall Measurement

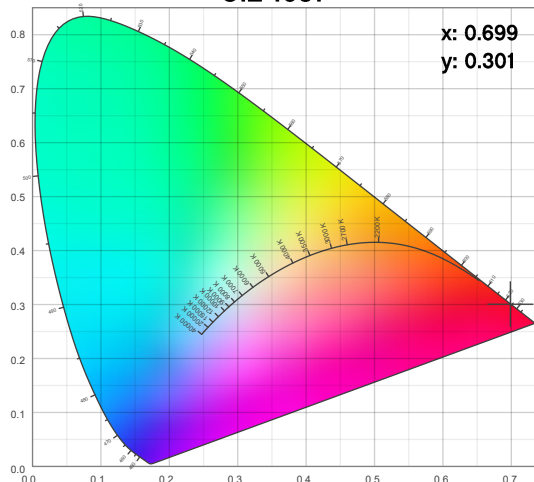
Angular Beam Distribution



Spectral Distribution



CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

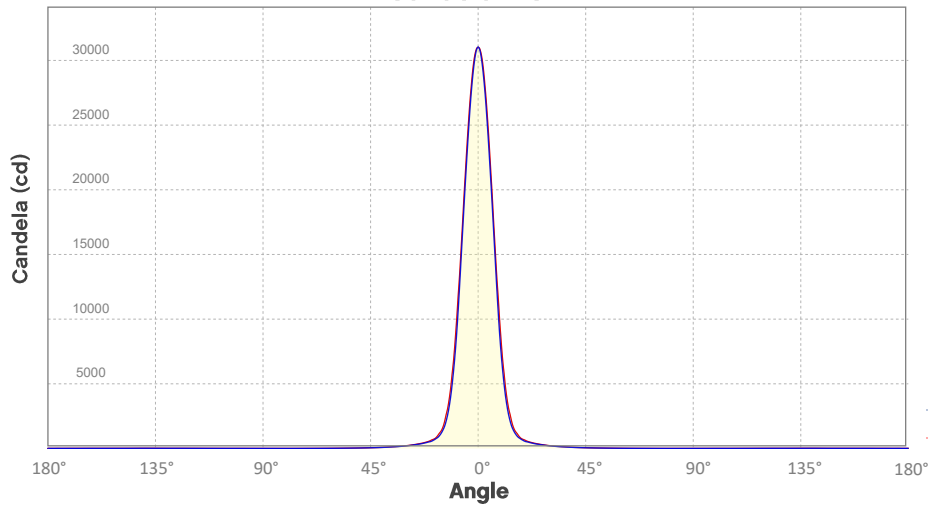


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30994	7748	3444	1937	1240	861	633	484	383	310
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	256	215	183	158	138	121	107	96	86	77
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2879	720	320	180	115	80	59	45	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

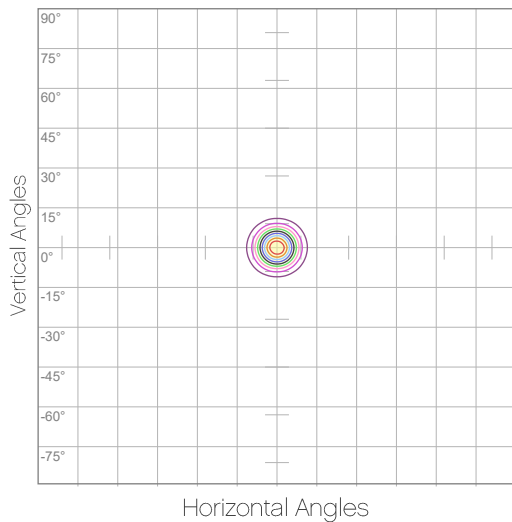
Photometric Report

WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.1°
Cutoff Angle (3%): 35.8°

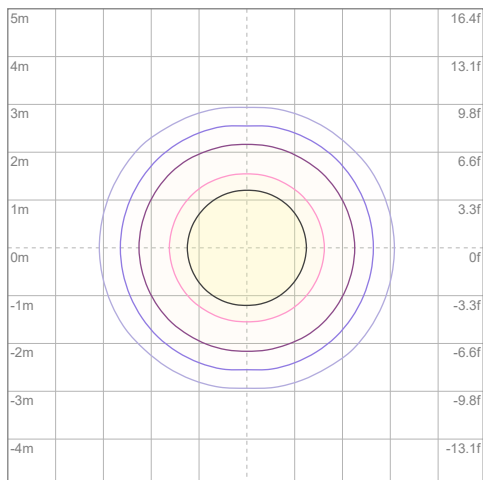
Polar Diagrams



iso-candela Diagram

10%	3099 cd
20%	6199 cd
30%	9298 cd
40%	12397 cd
50%	15497 cd
60%	18596 cd
70%	21695 cd
80%	24795 cd
90%	27894 cd

Conditions:
Number of c-planes: 8
Candela at center: 30994 cd



iso-illuminance Diagram

3%	9.30 lx
5%	15.5 lx
10%	31.0 lx
30%	93.0 lx
50%	155 lx

Conditions:
Number of c-planes: 8
Lux at center: 310 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 2646 lm
Peak Intensity: 32413 cd
Illuminance @ 5m: 1296 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 24.6°
Horizontal Cutoff Angle (3%): 36.3°
Vertical Cutoff Angle (3%): 35.1°



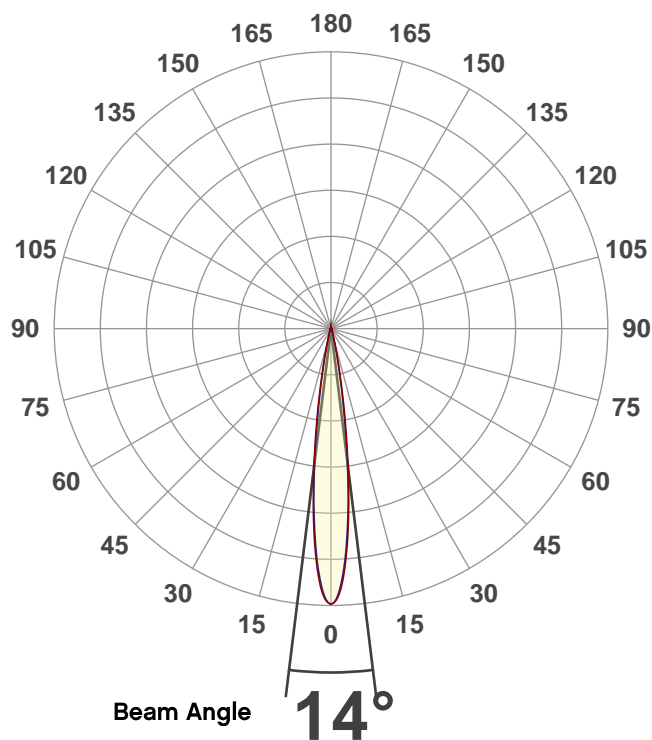
Conditions

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

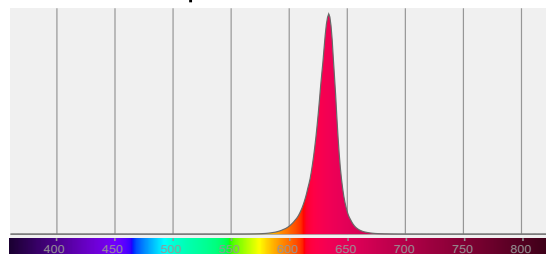
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Overall Measurement

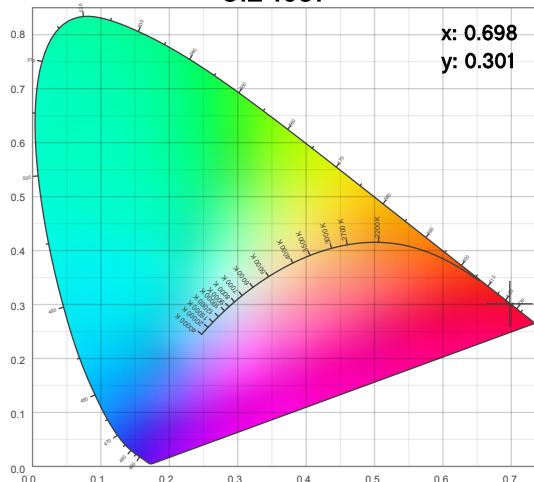
Angular Beam Distribution



Spectral Distribution



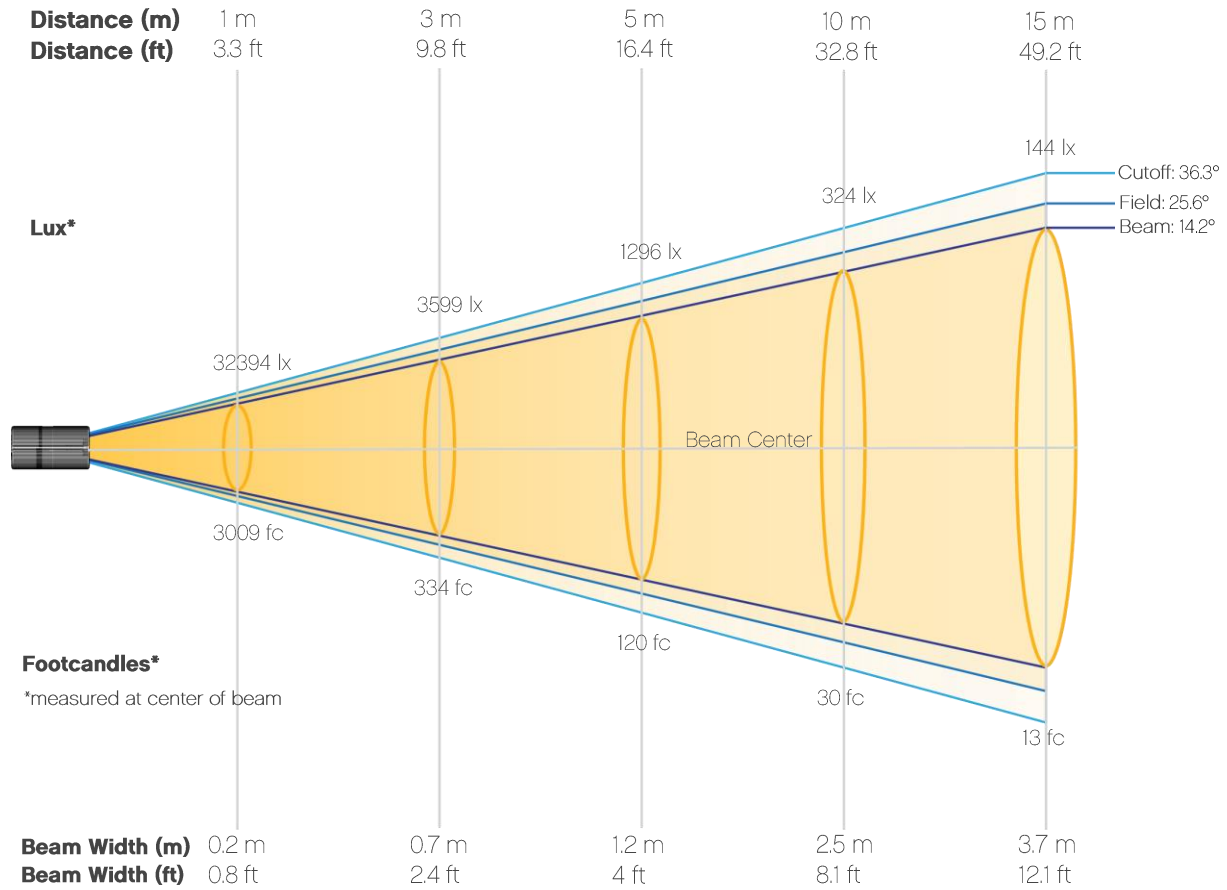
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

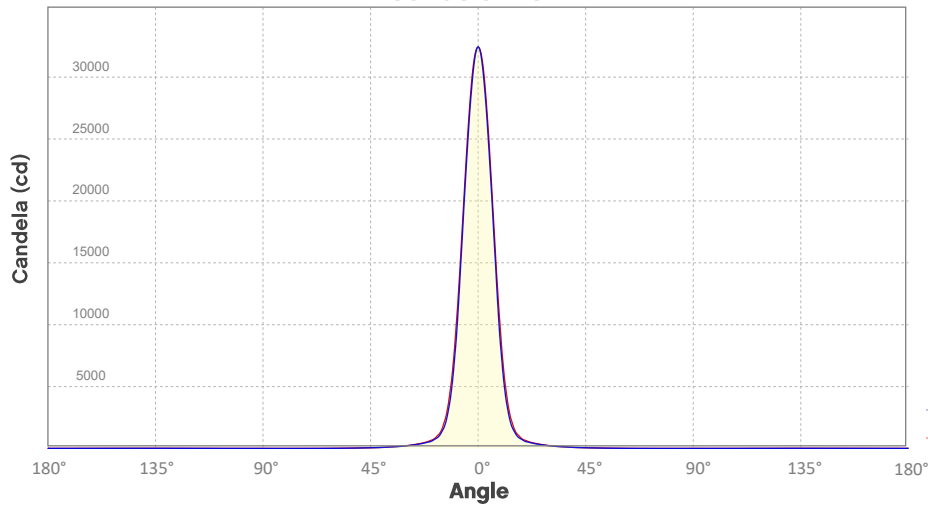


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	32394	8098	3599	2025	1296	900	661	506	400	324
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	268	225	192	165	144	127	112	100	90	81
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3009	752	334	188	120	84	61	47	37	30
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	25	21	18	15	13	12	10	9	8	8

Photometric Report

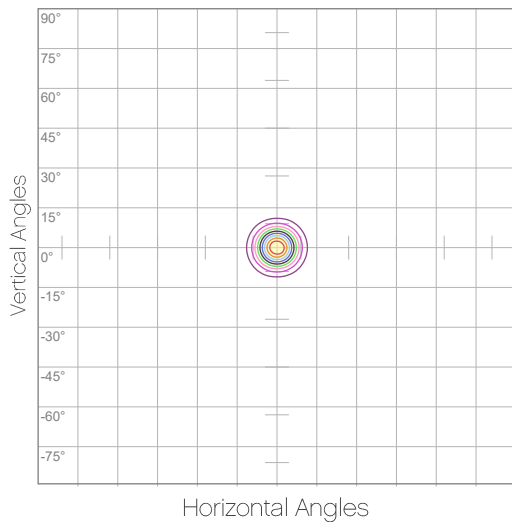
WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.2°
Cutoff Angle (3%): 36°

— Horizontal Distribution
— Vertical Distribution

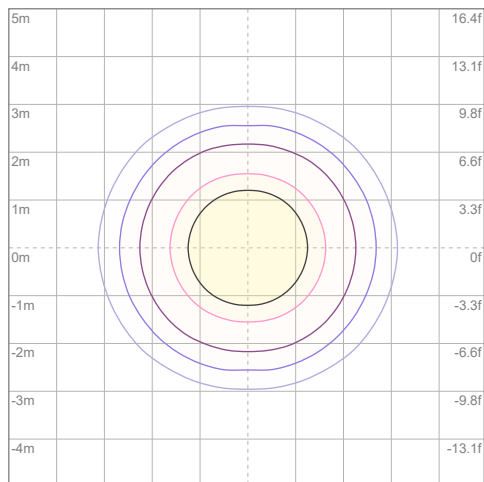
Polar Diagrams



iso-candela Diagram

10%	3239 cd
20%	6479 cd
30%	9718 cd
40%	12958 cd
50%	16197 cd
60%	19436 cd
70%	22676 cd
80%	25915 cd
90%	29155 cd

Conditions:
Number of c-planes: 8
Candela at center: 32394 cd



iso-illuminance Diagram

3%	9.72 lx
5%	16.2 lx
10%	32.4 lx
30%	97.2 lx
50%	162 lx

Conditions:
Number of c-planes: 8
Lux at center: 324 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 2565 lm
Peak Intensity: 31218 cd
Illuminance @ 5m: 1248 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 25.5°
Vertical Field Angle (10%): 24.6°
Horizontal Cutoff Angle (3%): 36.2°
Vertical Cutoff Angle (3%): 35°



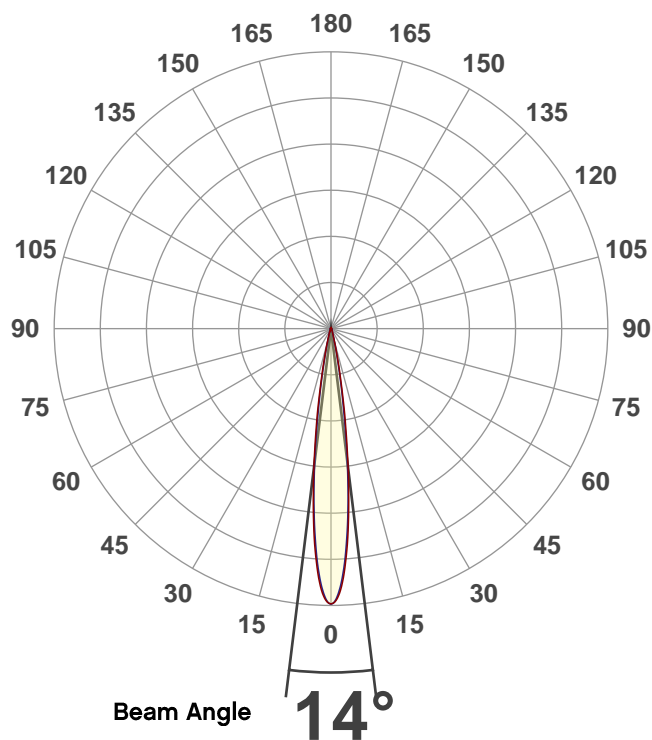
Conditions

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

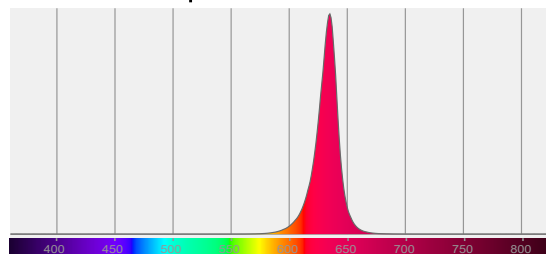
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Overall Measurement

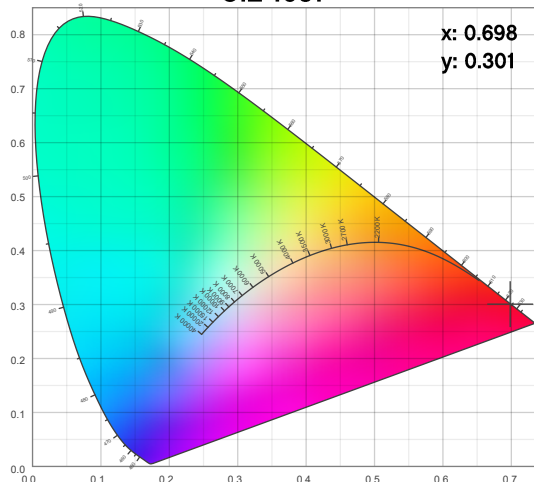
Angular Beam Distribution



Spectral Distribution



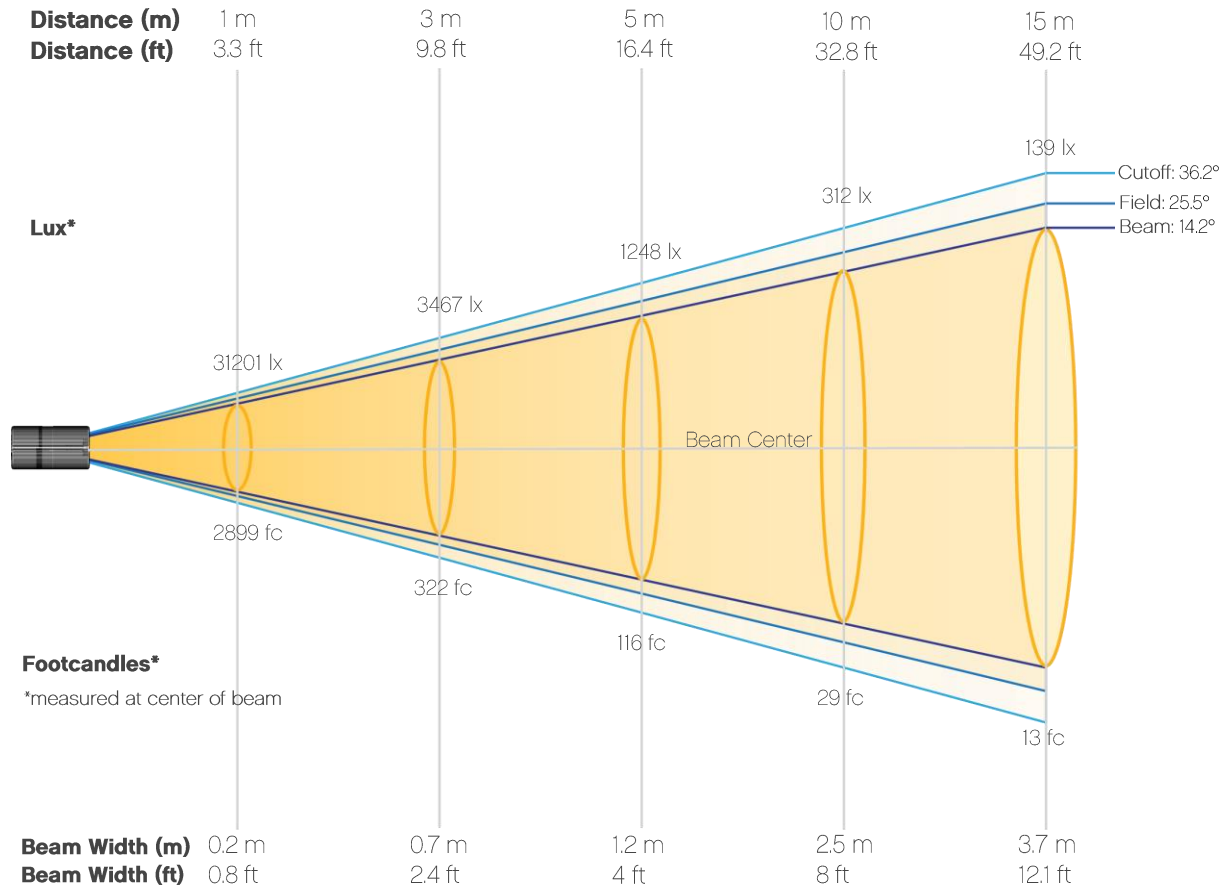
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

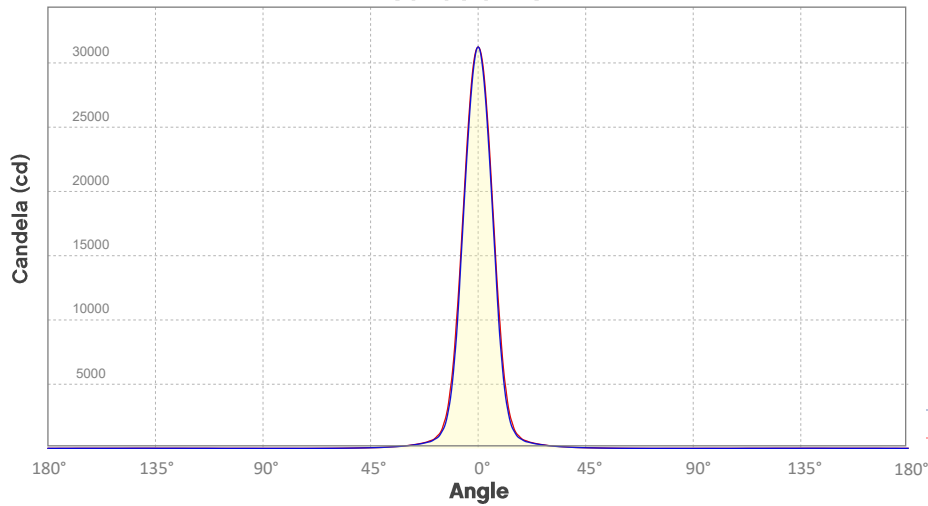


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31201	7800	3467	1950	1248	867	637	488	385	312
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	258	217	185	159	139	122	108	96	86	78
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2899	725	322	181	116	81	59	45	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

Photometric Report

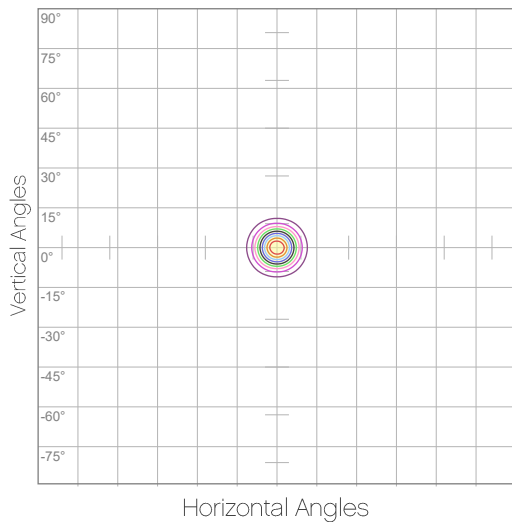
WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.1°
Cutoff Angle (3%): 35.9°

— Horizontal Distribution
— Vertical Distribution

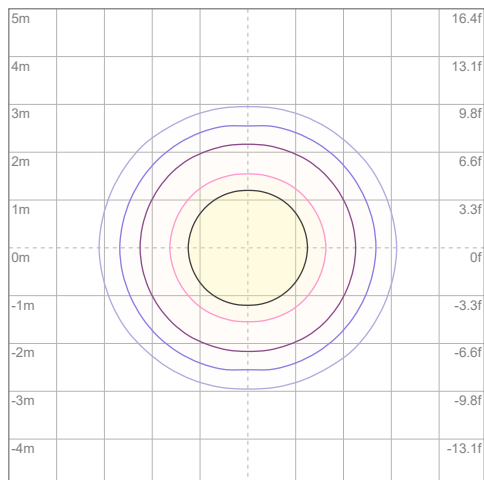
Polar Diagrams



iso-candela Diagram

10%	3120 cd
20%	6240 cd
30%	9360 cd
40%	12481 cd
50%	15601 cd
60%	18721 cd
70%	21841 cd
80%	24961 cd
90%	28081 cd

Conditions:
Number of c-planes: 8
Candela at center: 31201 cd



iso-illuminance Diagram

3%	9.36 lx
5%	15.6 lx
10%	31.2 lx
30%	93.6 lx
50%	156 lx

Conditions:
Number of c-planes: 8
Lux at center: 312 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 2492 lm
Peak Intensity: 30730 cd
Illuminance @ 5m: 1229 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 25.5°
Vertical Field Angle (10%): 24.4°
Horizontal Cutoff Angle (3%): 36°
Vertical Cutoff Angle (3%): 35.3°



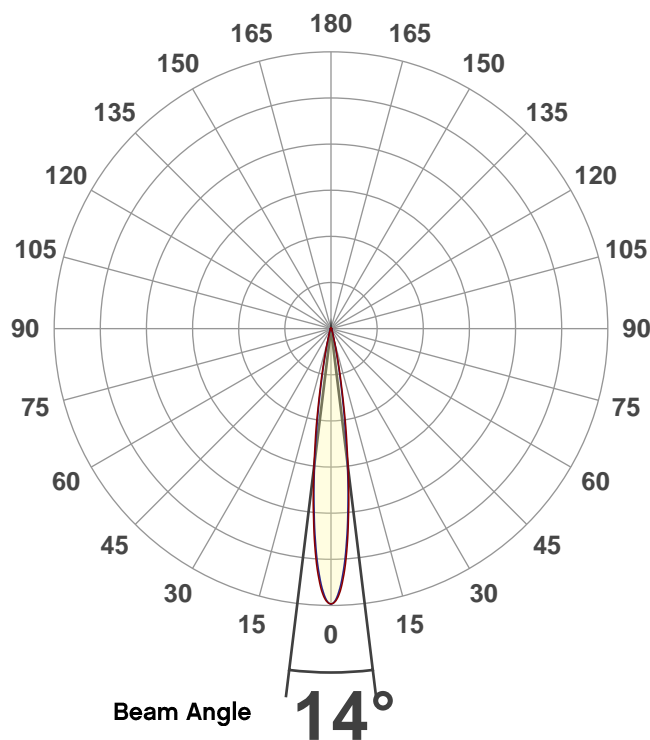
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

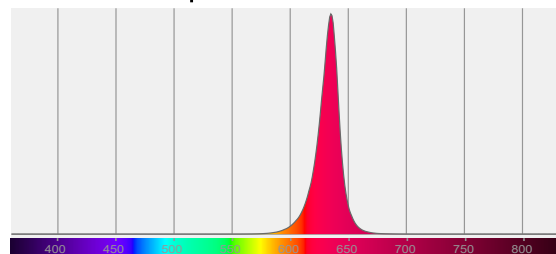
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Overall Measurement

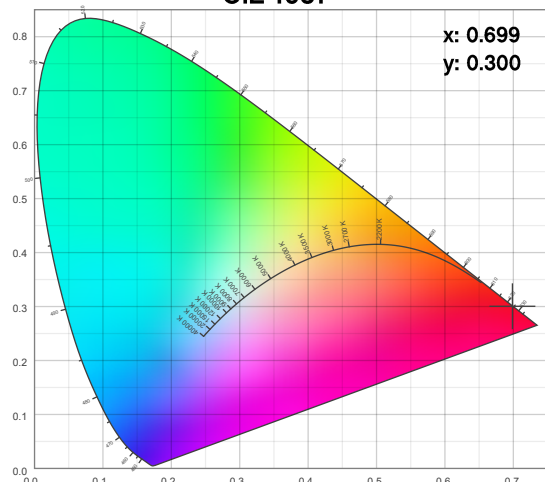
Angular Beam Distribution



Spectral Distribution



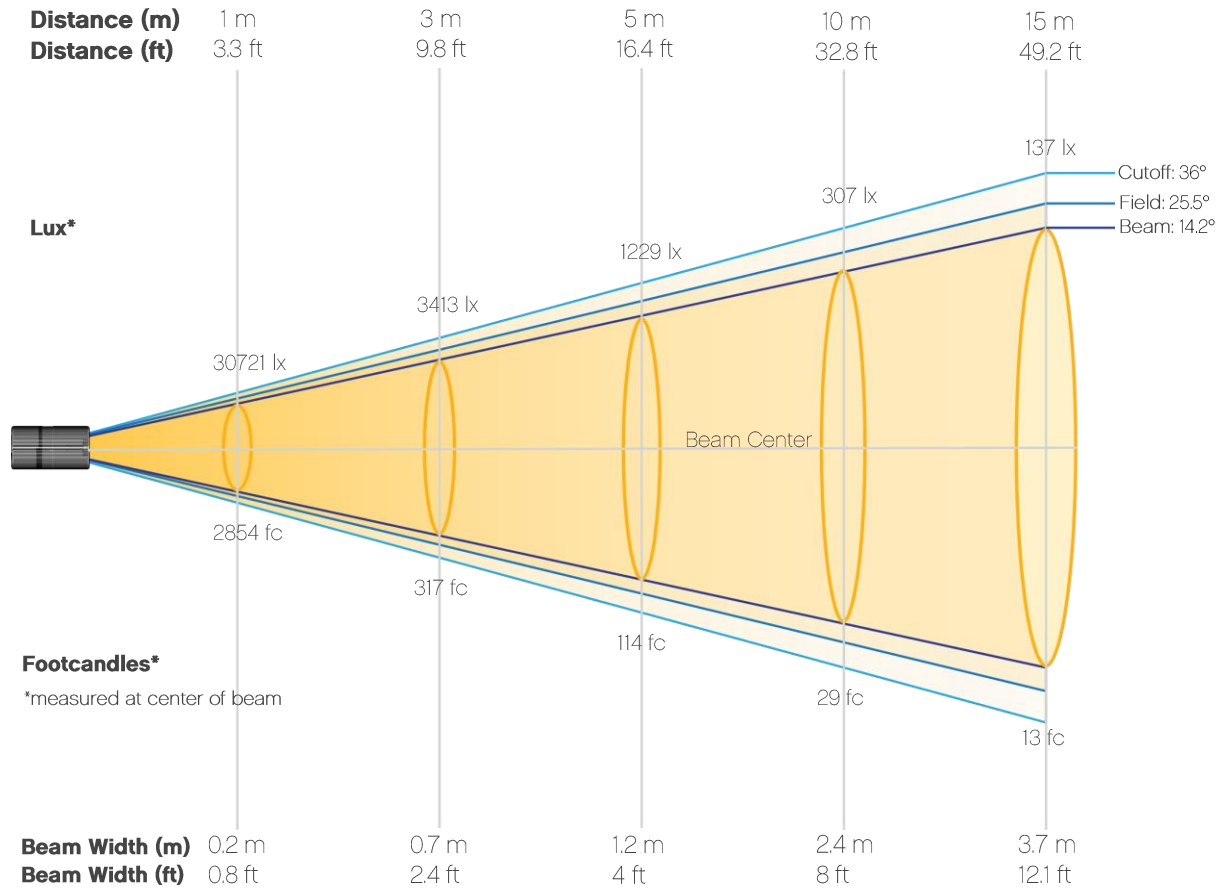
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

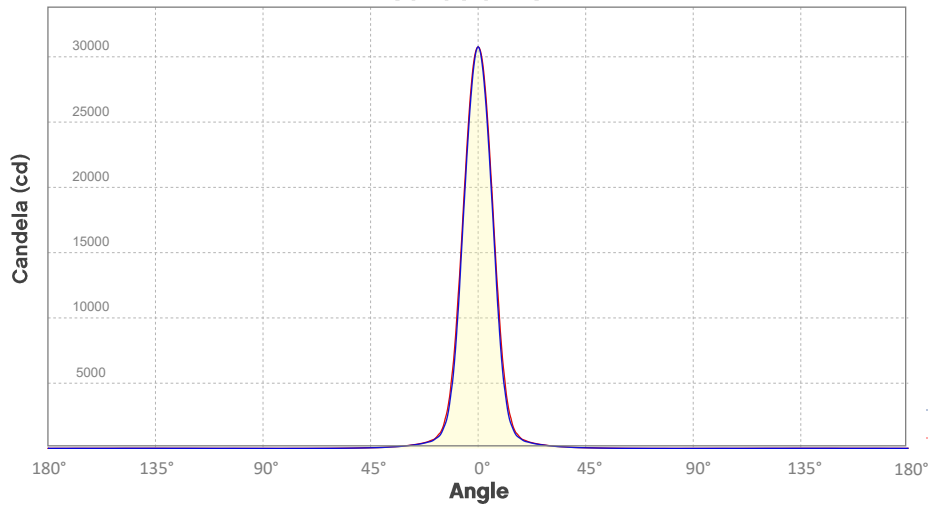


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30721	7680	3413	1920	1229	853	627	480	379	307
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	254	213	182	157	137	120	106	95	85	77
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2854	714	317	178	114	79	58	45	35	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

Photometric Report

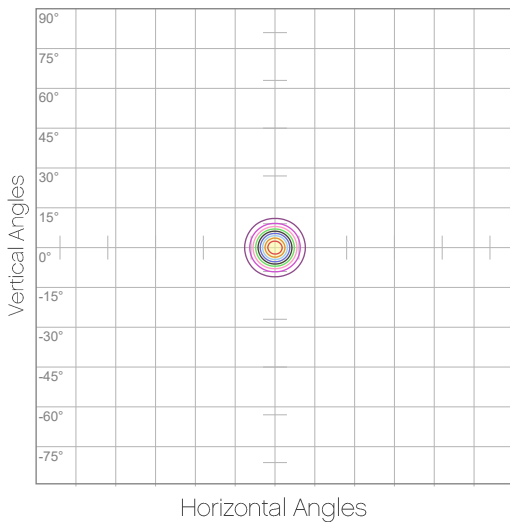
WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25°
Cutoff Angle (3%): 35.8°

— Horizontal Distribution
— Vertical Distribution

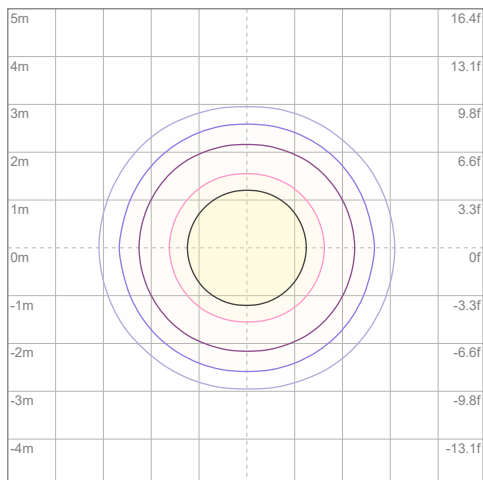
Polar Diagrams



iso-candela Diagram

10%	3072 cd
20%	6144 cd
30%	9216 cd
40%	12288 cd
50%	15360 cd
60%	18432 cd
70%	21504 cd
80%	24576 cd
90%	27648 cd

Conditions:
Number of c-planes: 8
Candela at center: 30721 cd



iso-illuminance Diagram

3%	9.22 lx
5%	15.4 lx
10%	30.7 lx
30%	92.2 lx
50%	154 lx

Conditions:
Number of c-planes: 8
Lux at center: 307 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 843 lm
Peak Intensity: 10104 cd
Illuminance @ 5m: 404 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.8°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 24.5°
Horizontal Cutoff Angle (3%): 36.3°
Vertical Cutoff Angle (3%): 35°



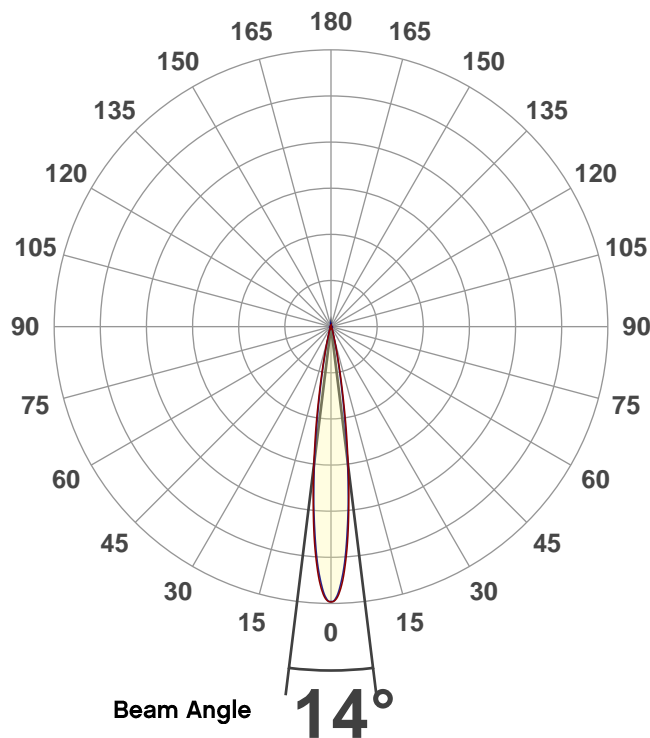
Conditions

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

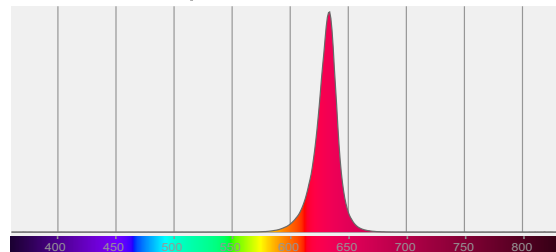
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Overall Measurement

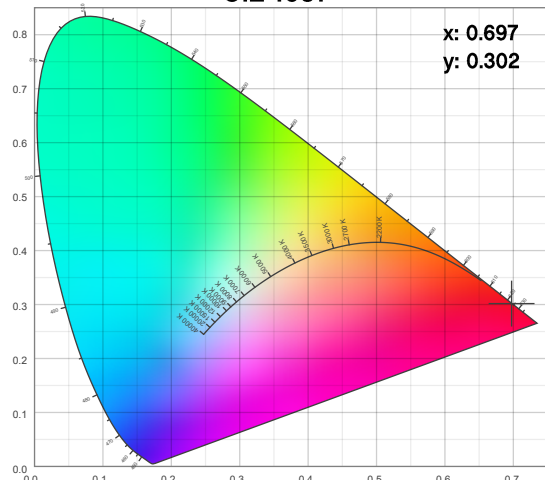
Angular Beam Distribution



Spectral Distribution



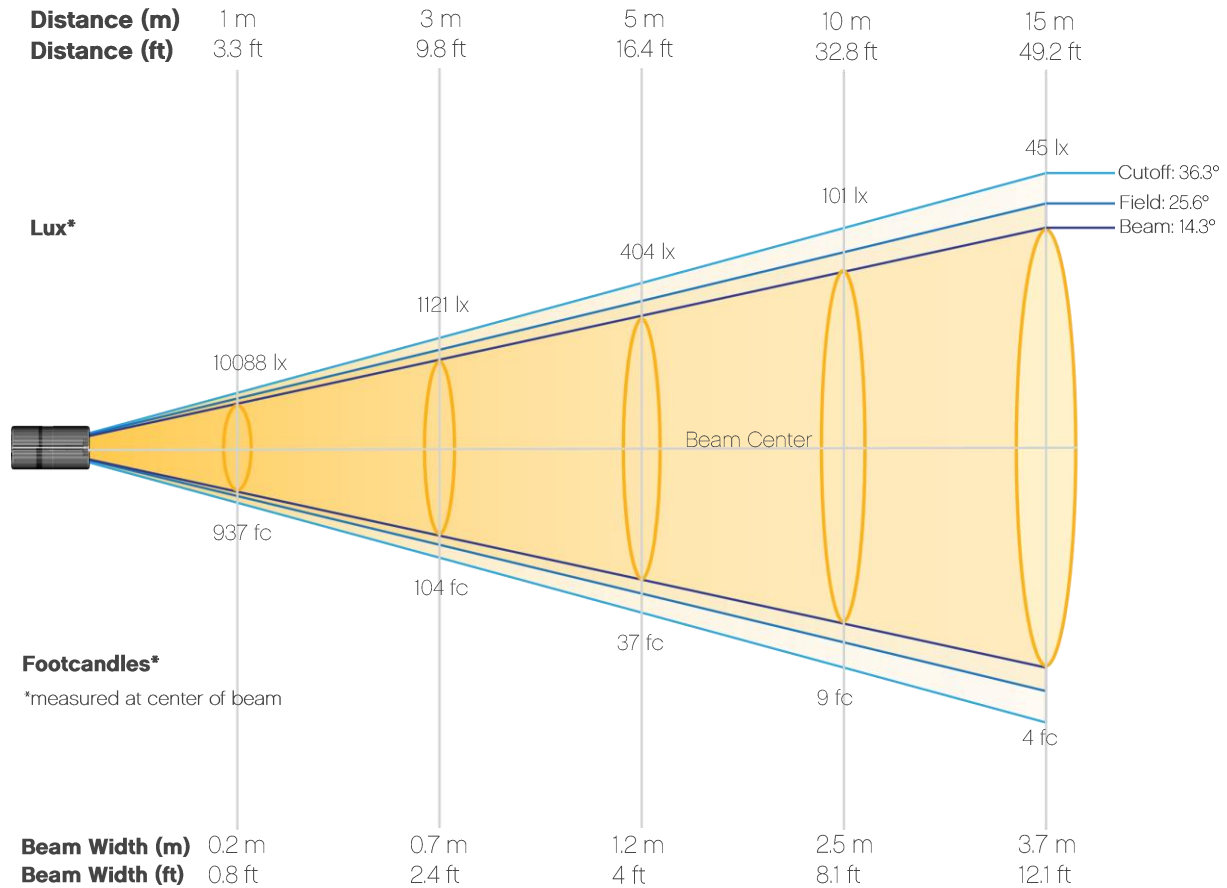
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

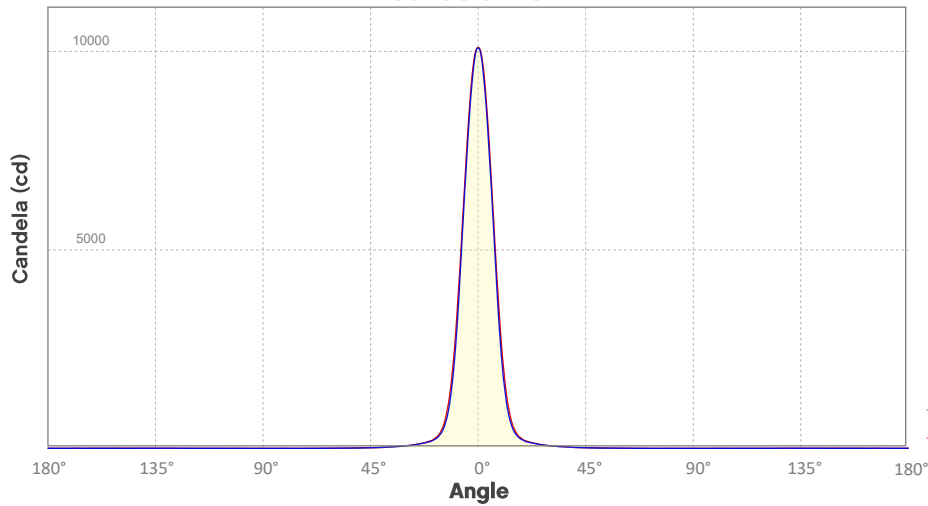


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10088	2522	1121	630	404	280	206	158	125	101
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	83	70	60	51	45	39	35	31	28	25
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	937	234	104	59	37	26	19	15	12	9
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	8	7	6	5	4	4	3	3	3	2

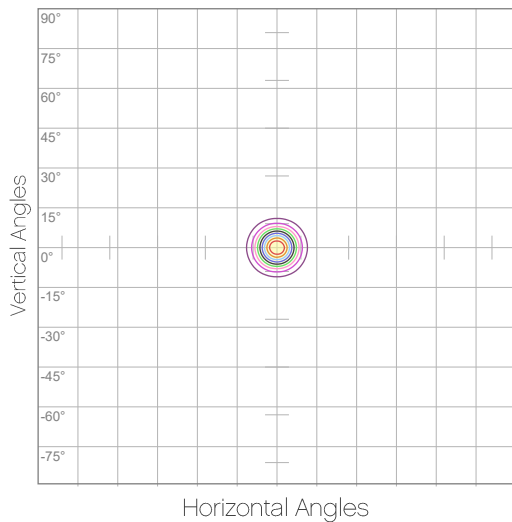
Photometric Report

WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.1°
Cutoff Angle (3%): 35.8°

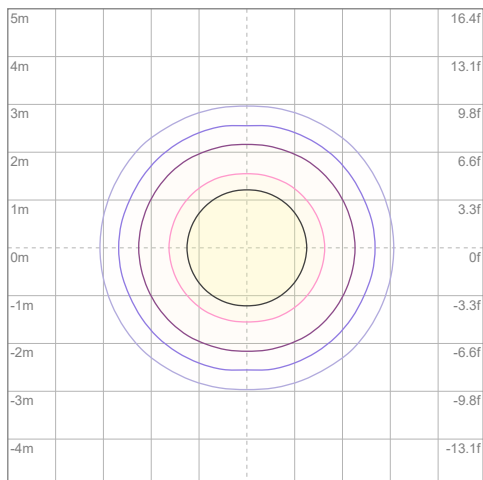
Polar Diagrams



iso-candela Diagram

10%	1009 cd
20%	2018 cd
30%	3026 cd
40%	4035 cd
50%	5044 cd
60%	6053 cd
70%	7062 cd
80%	8070 cd
90%	9079 cd

Conditions:
Number of c-planes: 8
Candela at center: 10088 cd



iso-illuminance Diagram

3%	3.03 lx
5%	5.04 lx
10%	10.1 lx
30%	30.3 lx
50%	50.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 101 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Red Only

Report Summary

Output

Total Lumens: 521 lm
Peak Intensity: 6208 cd
Illuminance @ 5m: 248 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.8°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 24.5°
Horizontal Cutoff Angle (3%): 36.2°
Vertical Cutoff Angle (3%): 34.9°



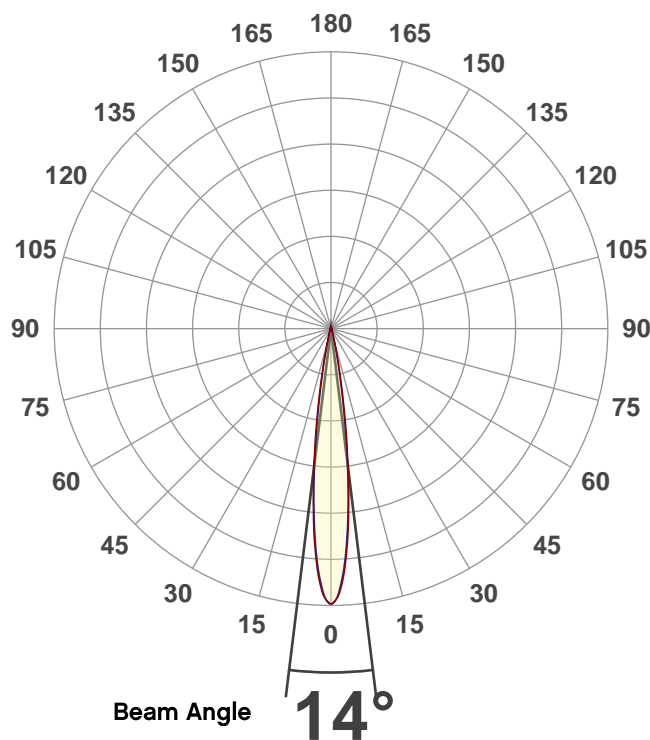
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

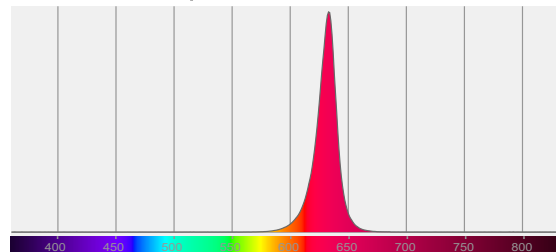
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Overall Measurement

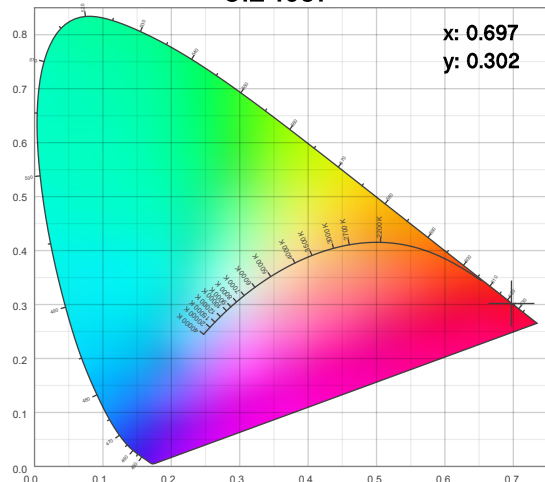
Angular Beam Distribution



Spectral Distribution



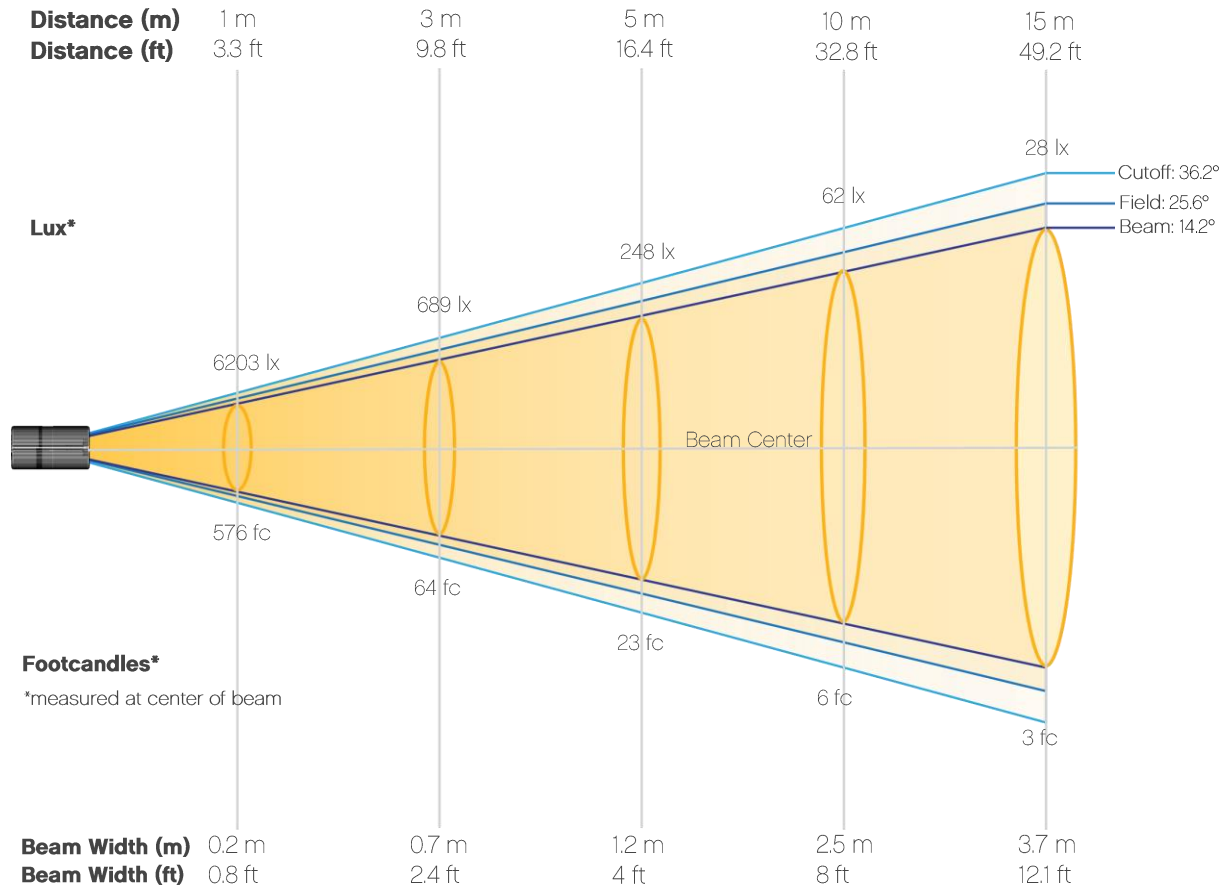
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Red Only

Beam Details

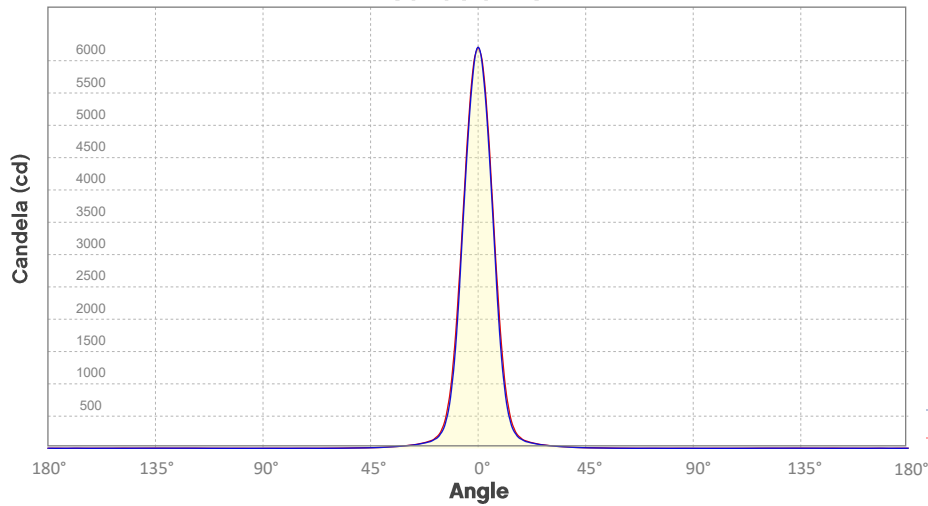


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6203	1551	689	388	248	172	127	97	77	62
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	51	43	37	32	28	24	21	19	17	16
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	576	144	64	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

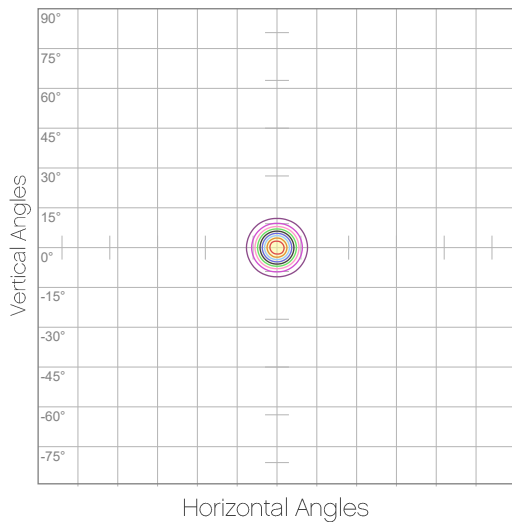
Photometric Report

WELL Panel: Standard Optics, Red Only
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.1°
Cutoff Angle (3%): 35.8°

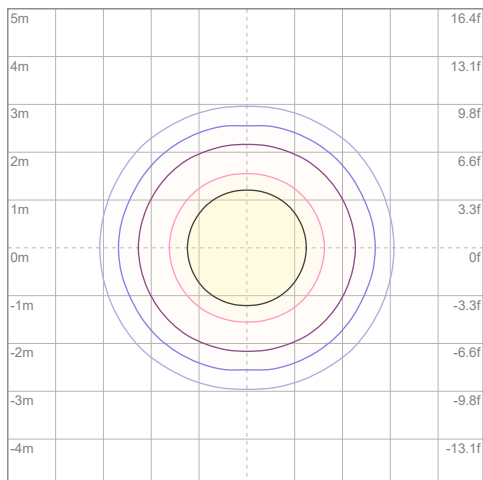
Polar Diagrams



iso-candela Diagram

10%	620 cd
20%	1241 cd
30%	1861 cd
40%	2481 cd
50%	3101 cd
60%	3722 cd
70%	4342 cd
80%	4962 cd
90%	5582 cd

Conditions:
Number of c-planes: 8
Candela at center: 6203 cd



iso-illuminance Diagram

3%	1.86 lx
5%	3.10 lx
10%	6.20 lx
30%	18.6 lx
50%	31.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 62.0 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 4838 lm
Peak Intensity: 60446 cd
Illuminance @ 5m: 2416 lux
Fixture Efficacy: 24 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 25.7°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 36.8°
Vertical Cutoff Angle (3%): 35.5°



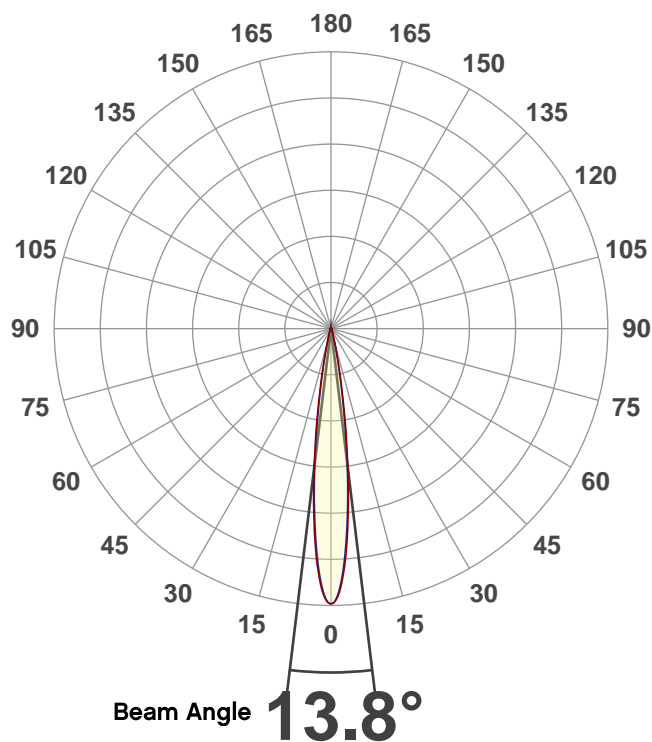
Conditions

AC Supply: 122 V, 60 Hz
Power: 201.19 W
Current: 1.65 A
Power Factor: 1.0

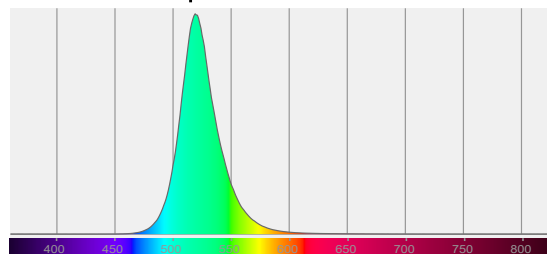
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Overall Measurement

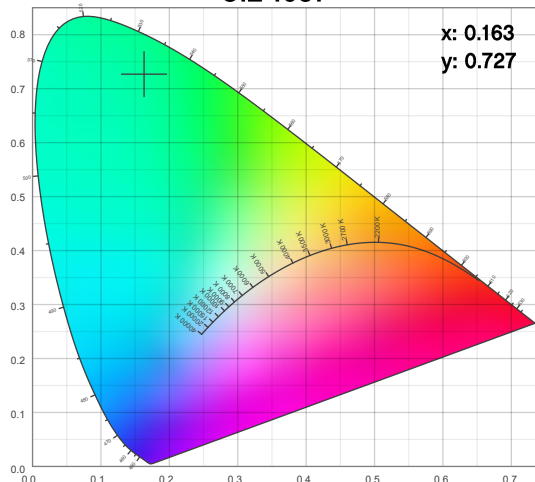
Angular Beam Distribution



Spectral Distribution



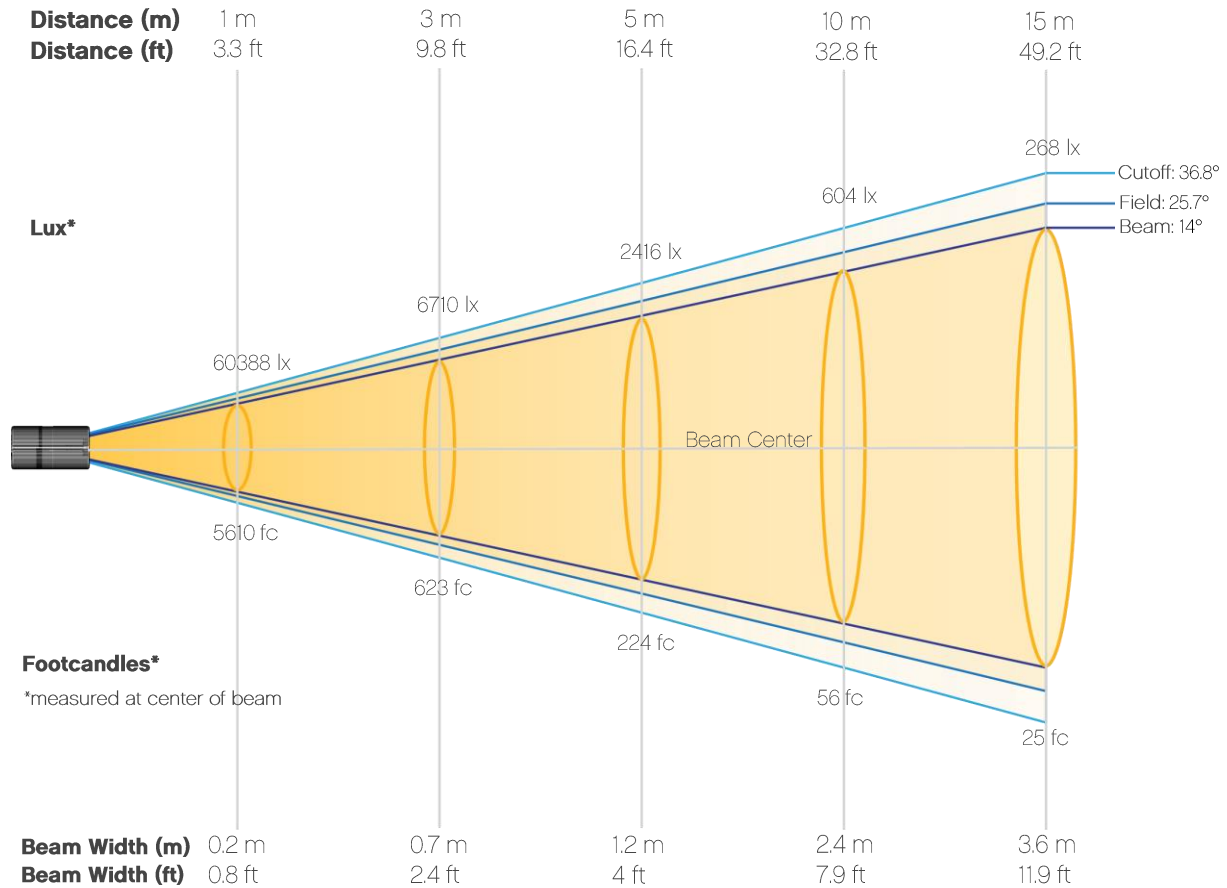
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



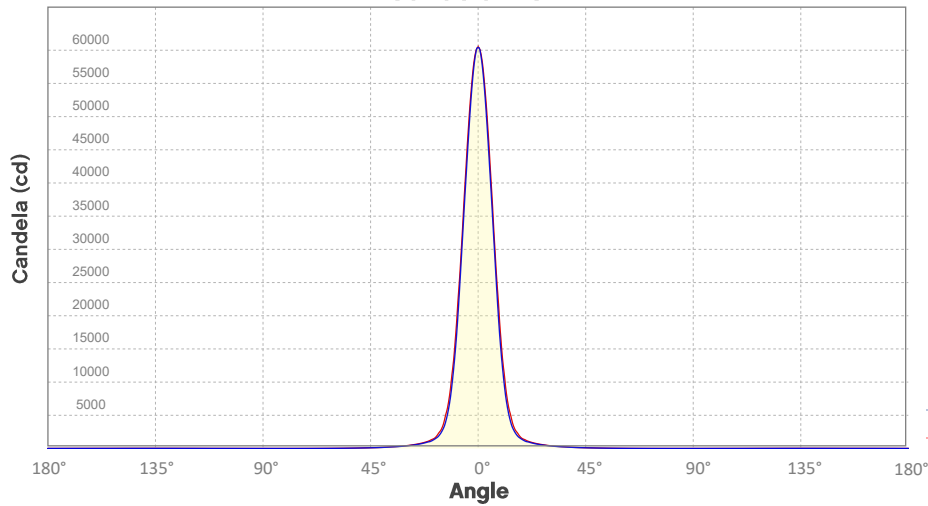
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60388	15097	6710	3774	2416	1677	1232	944	746	604
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	499	419	357	308	268	236	209	186	167	151
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5610	1403	623	351	224	156	114	88	69	56
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	46	39	33	29	25	22	19	17	16	14

Photometric Report

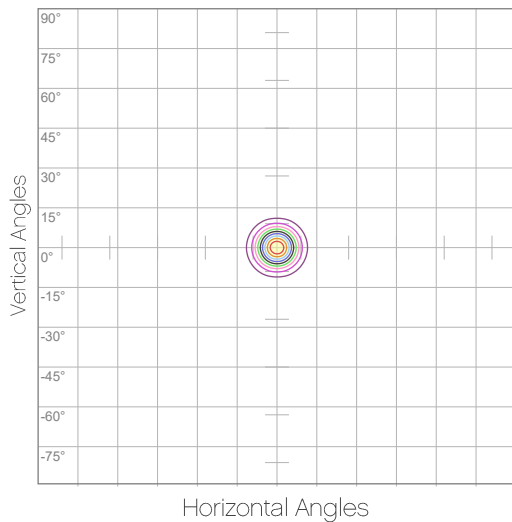
WELL Panel: Standard Optics, Green Only

Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 25.3°
Cutoff Angle (3%): 36.4°

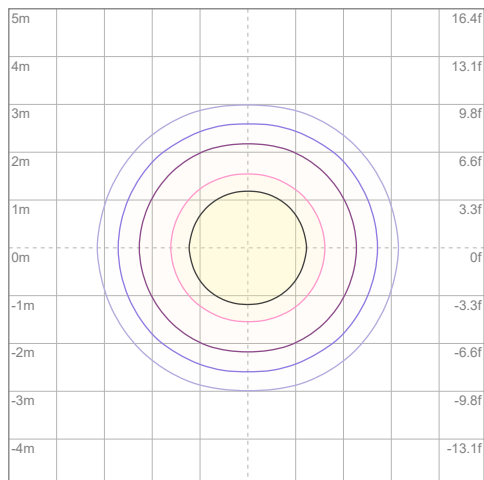
Polar Diagrams



iso-candela Diagram

10%	6039 cd
20%	12078 cd
30%	18117 cd
40%	24155 cd
50%	30194 cd
60%	36233 cd
70%	42272 cd
80%	48311 cd
90%	54350 cd

Conditions:
Number of c-planes: 8
Candela at center: 60388 cd



iso-illuminance Diagram

3%	18.1 lx
5%	30.2 lx
10%	60.4 lx
30%	181 lx
50%	302 lx

Conditions:
Number of c-planes: 8
Lux at center: 604 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 4902 lm
Peak Intensity: 60928 cd
Illuminance @ 5m: 2436 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 24.8°
Horizontal Cutoff Angle (3%): 37°
Vertical Cutoff Angle (3%): 35.7°



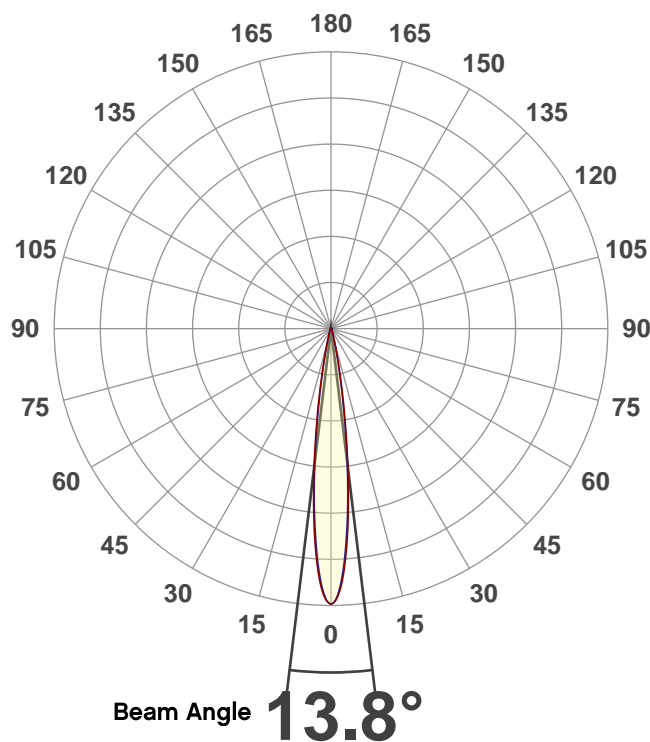
Conditions

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

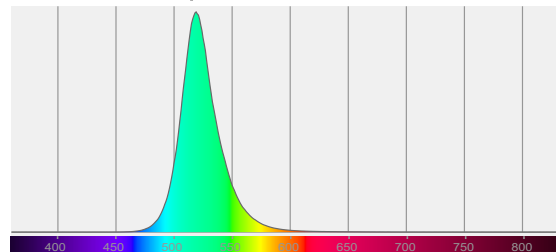
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Overall Measurement

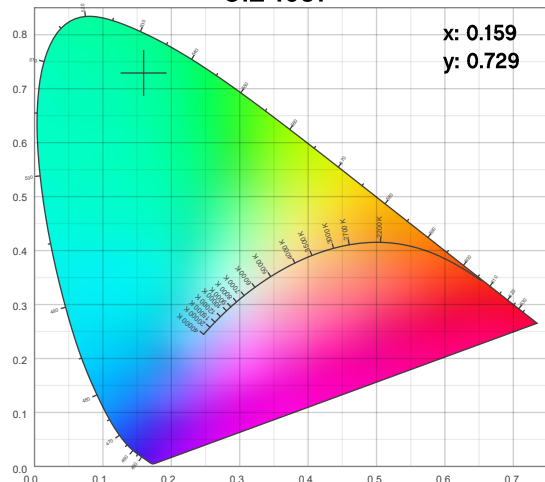
Angular Beam Distribution



Spectral Distribution



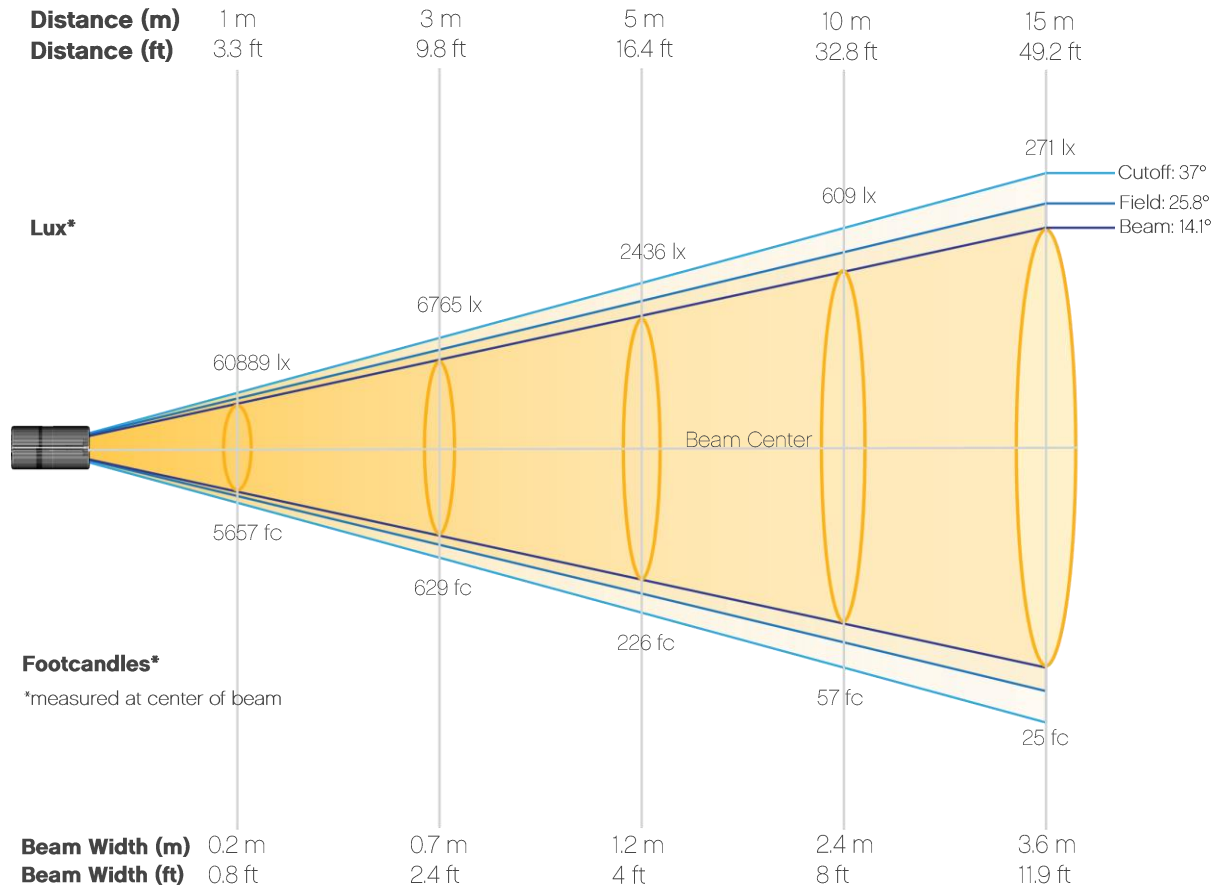
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



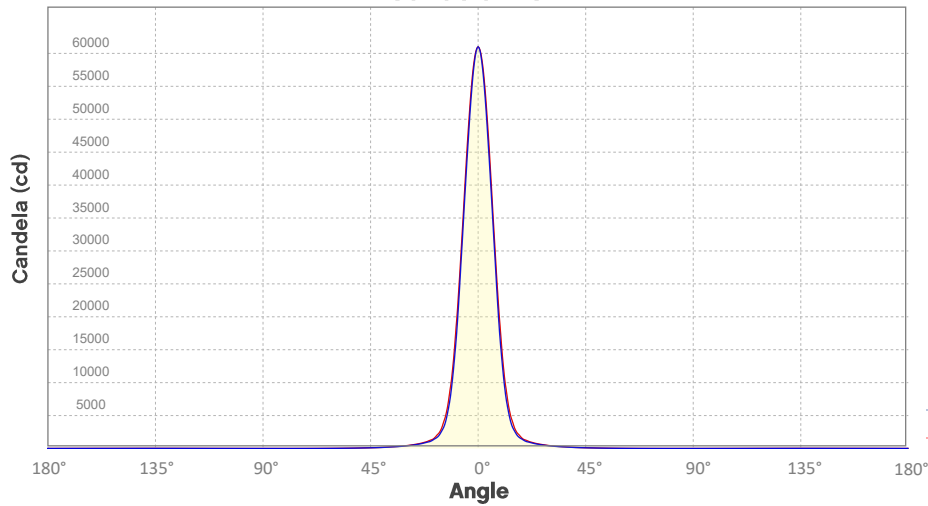
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60889	15222	6765	3806	2436	1691	1243	951	752	609
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	503	423	360	311	271	238	211	188	169	152
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5657	1414	629	354	226	157	115	88	70	57
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	47	39	33	29	25	22	20	17	16	14

Photometric Report

WELL Panel: Standard Optics, Green Only

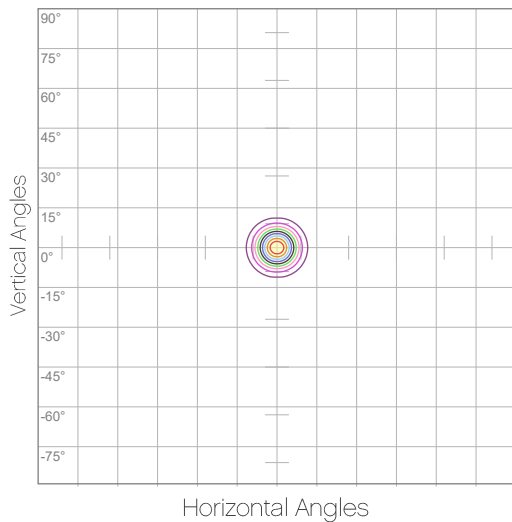
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 25.4°
Cutoff Angle (3%): 36.6°

— Horizontal Distribution
 — Vertical Distribution

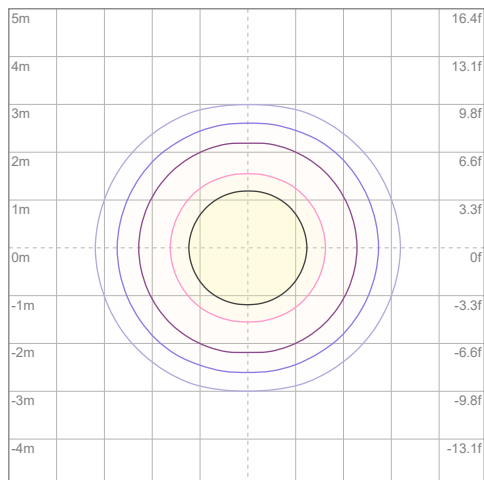
Polar Diagrams



iso-candela Diagram

10%	6089 cd
20%	12178 cd
30%	18267 cd
40%	24356 cd
50%	30445 cd
60%	36534 cd
70%	42622 cd
80%	48711 cd
90%	54800 cd

Conditions:
 Number of c-planes: 8
 Candela at center: 60889 cd



iso-illuminance Diagram

3%	18.3 lx
5%	30.4 lx
10%	60.9 lx
30%	183 lx
50%	304 lx

Conditions:
 Number of c-planes: 8
 Lux at center: 609 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 4835 lm
Peak Intensity: 60335 cd
Illuminance @ 5m: 2410 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 25.7°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 36.8°
Vertical Cutoff Angle (3%): 35.6°



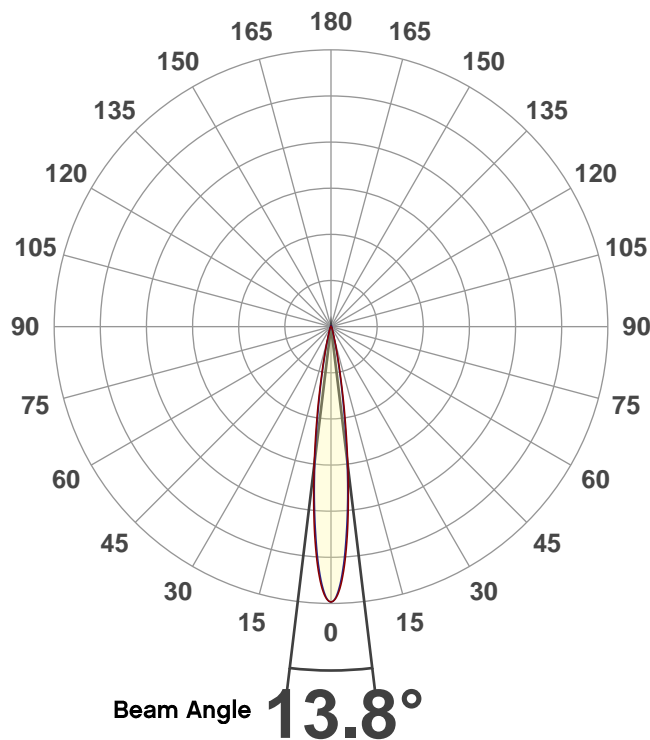
Conditions

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

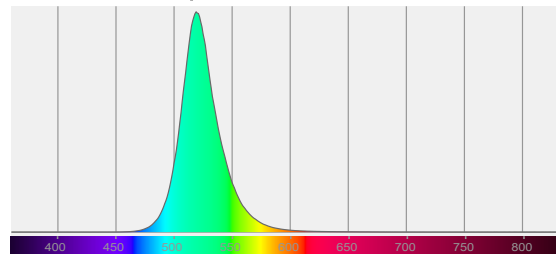
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Overall Measurement

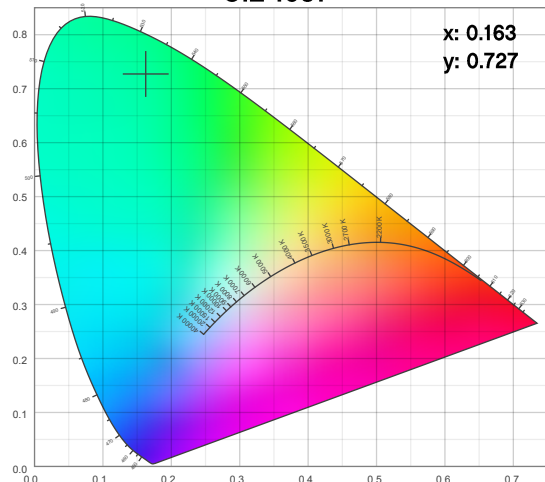
Angular Beam Distribution



Spectral Distribution



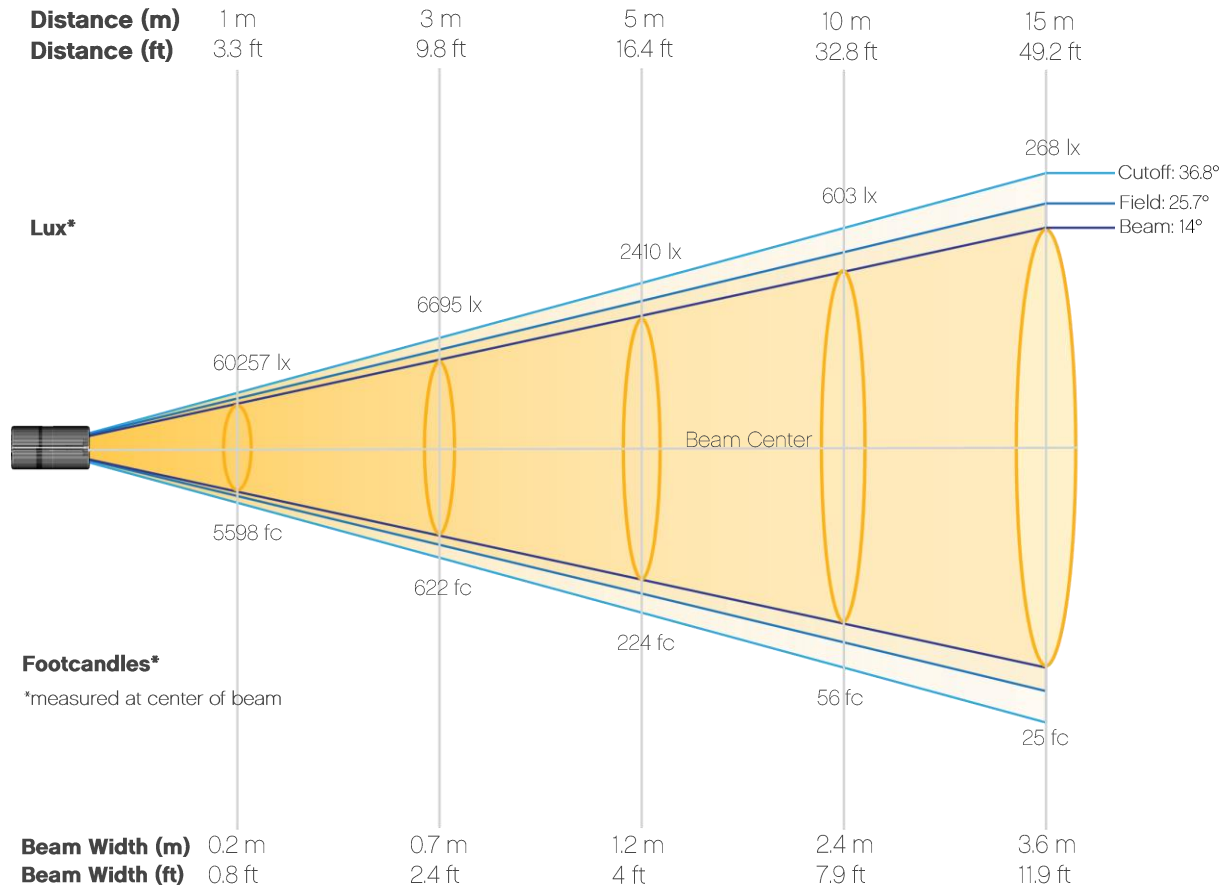
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



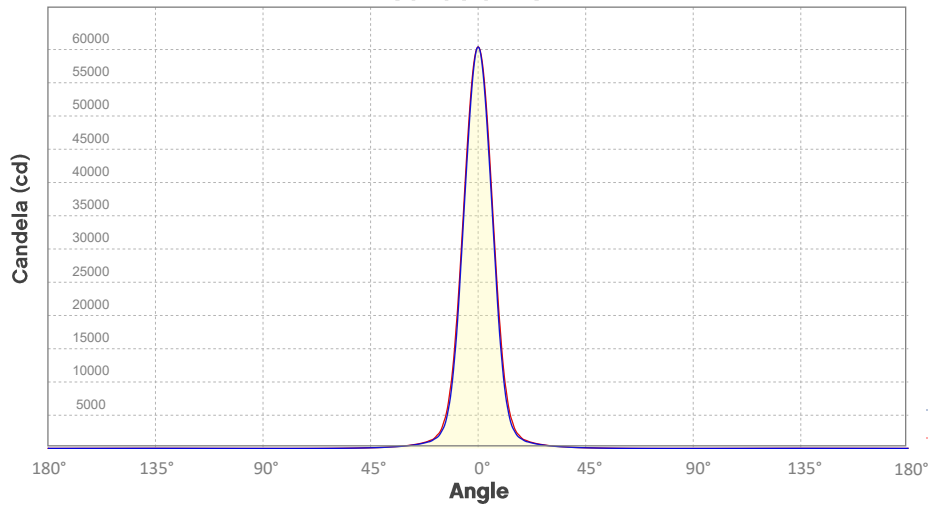
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60257	15064	6695	3766	2410	1674	1230	942	744	603
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	498	418	357	307	268	235	209	186	167	151
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5598	1400	622	350	224	156	114	87	69	56
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	46	39	33	29	25	22	19	17	16	14

Photometric Report

WELL Panel: Standard Optics, Green Only

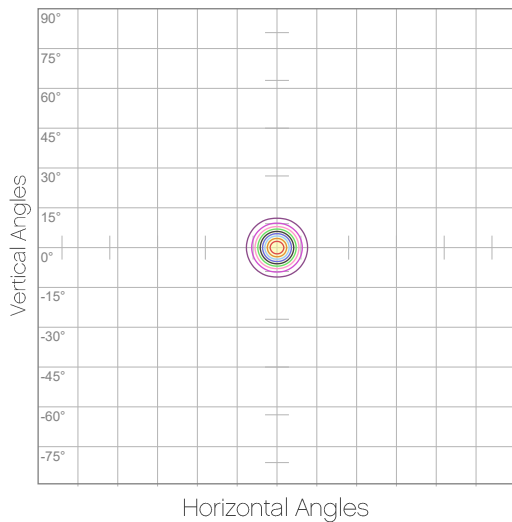
Candela Plot



Beam Angle (50%): 13.8°
 Field Angle (10%): 25.3°
 Cutoff Angle (3%): 36.4°

— Horizontal Distribution
 — Vertical Distribution

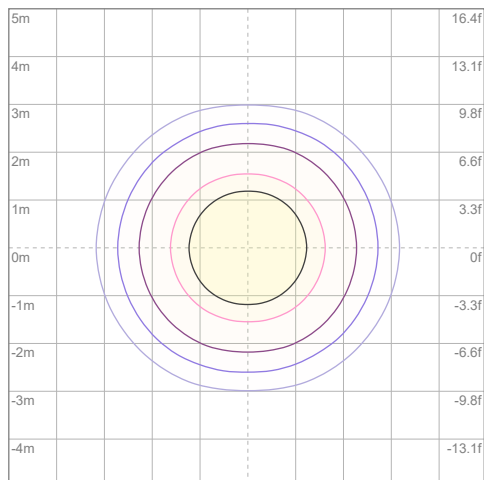
Polar Diagrams



iso-candela Diagram

10%	6026 cd
20%	12051 cd
30%	18077 cd
40%	24103 cd
50%	30128 cd
60%	36154 cd
70%	42180 cd
80%	48205 cd
90%	54231 cd

Conditions:
 Number of c-planes: 8
 Candela at center: 60257 cd



iso-illuminance Diagram

3%	18.1 lx
5%	30.1 lx
10%	60.3 lx
30%	181 lx
50%	301 lx

Conditions:
 Number of c-planes: 8
 Lux at center: 603 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 2440 lm
Peak Intensity: 30275 cd
Illuminance @ 5m: 1210 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 24.6°
Horizontal Cutoff Angle (3%): 36.9°
Vertical Cutoff Angle (3%): 35.3°



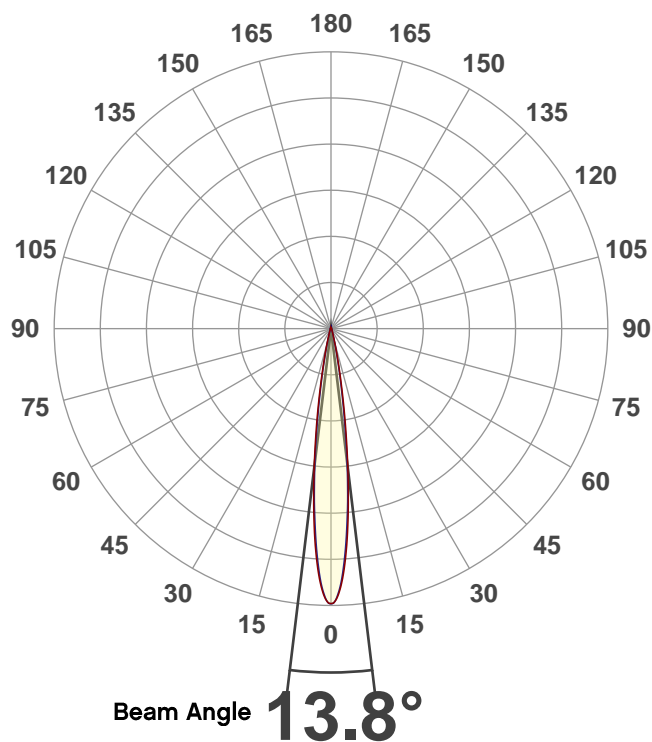
Conditions

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

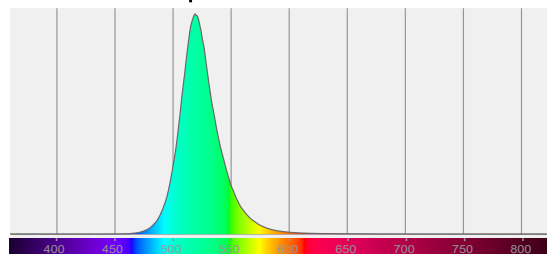
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Overall Measurement

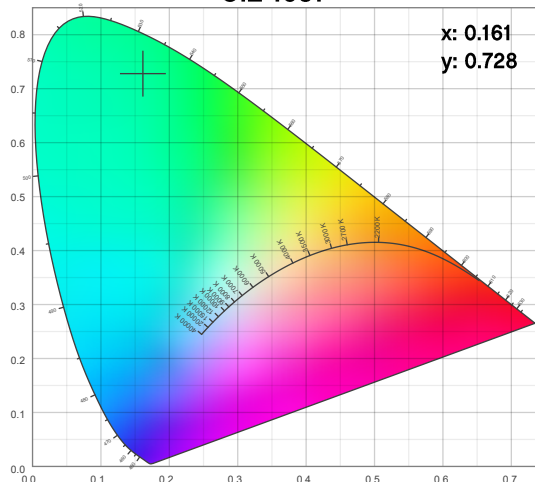
Angular Beam Distribution



Spectral Distribution



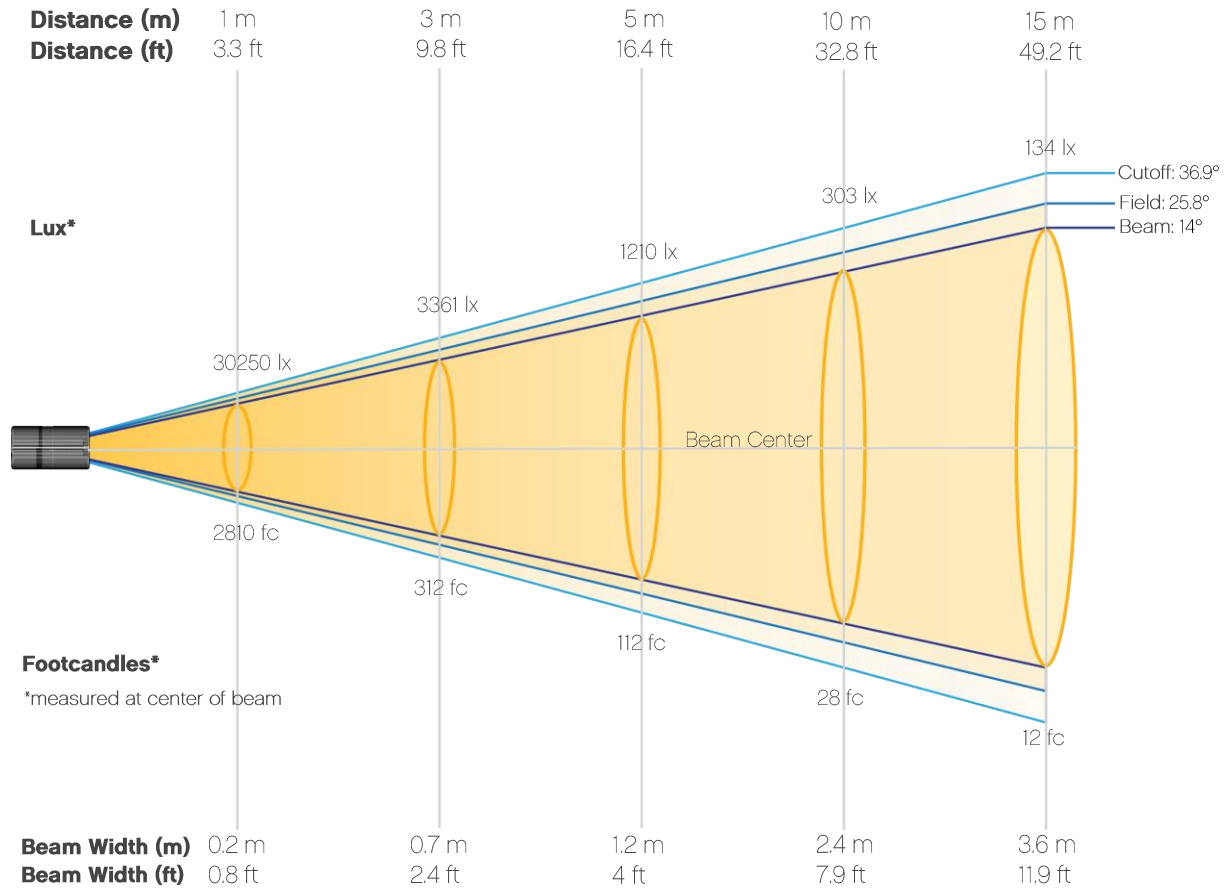
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



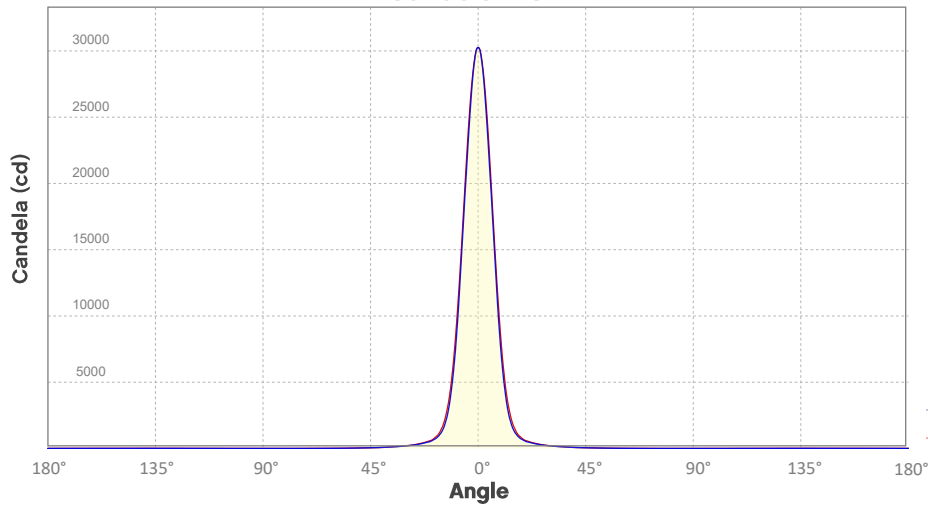
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30250	7563	3361	1891	1210	840	617	473	373	303
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	250	210	179	154	134	118	105	93	84	76
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2810	703	312	176	112	78	57	44	35	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	20	17	14	12	11	10	9	8	7

Photometric Report

WELL Panel: Standard Optics, Green Only

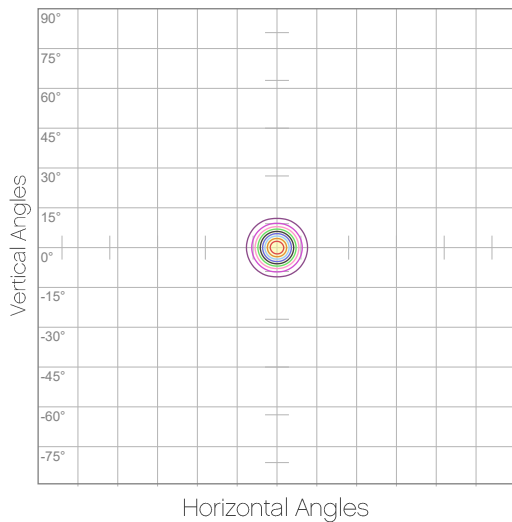
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 25.2°
Cutoff Angle (3%): 36.3°

— Horizontal Distribution
— Vertical Distribution

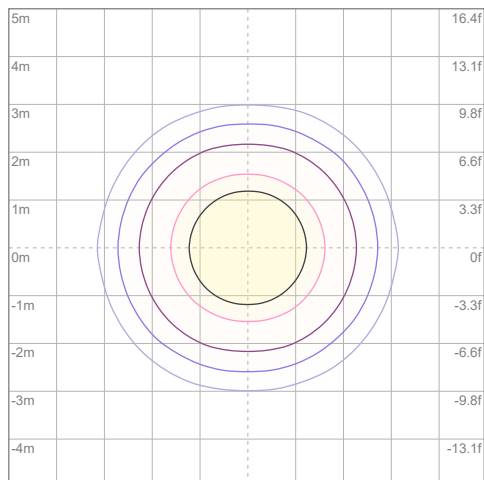
Polar Diagrams



iso-candela Diagram

10%	3025 cd
20%	6050 cd
30%	9075 cd
40%	12100 cd
50%	15125 cd
60%	18150 cd
70%	21175 cd
80%	24200 cd
90%	27225 cd

Conditions:
Number of c-planes: 8
Candela at center: 30250 cd



iso-illuminance Diagram

3%	9.08 lx
5%	15.1 lx
10%	30.3 lx
30%	90.8 lx
50%	151 lx

Conditions:
Number of c-planes: 8
Lux at center: 303 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 1513 lm
Peak Intensity: 18930 cd
Illuminance @ 5m: 757 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 25.7°
Vertical Field Angle (10%): 24.7°
Horizontal Cutoff Angle (3%): 36.7°
Vertical Cutoff Angle (3%): 35.5°



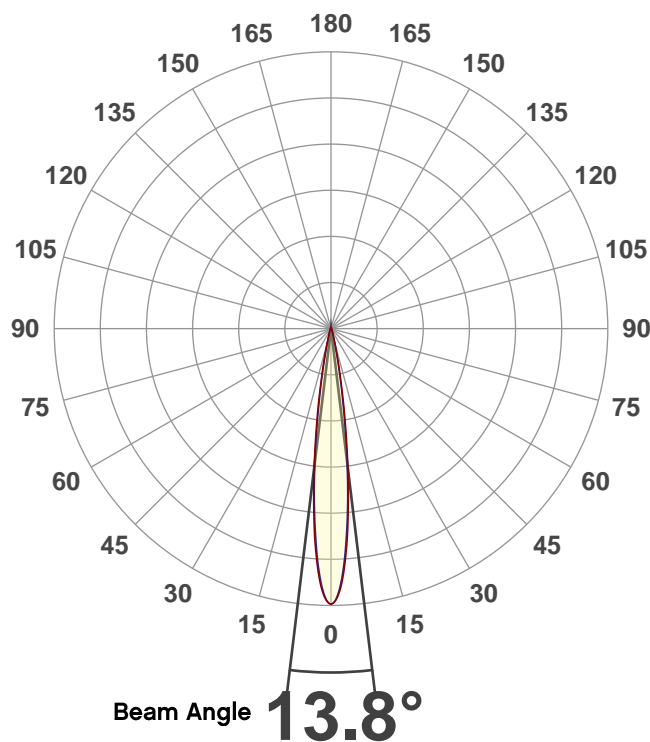
Conditions

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

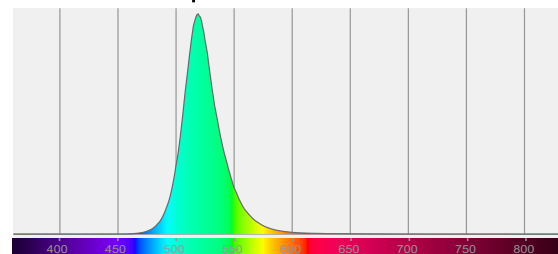
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Overall Measurement

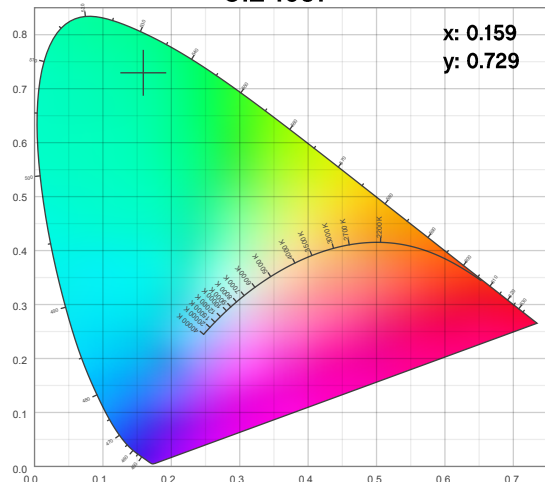
Angular Beam Distribution



Spectral Distribution



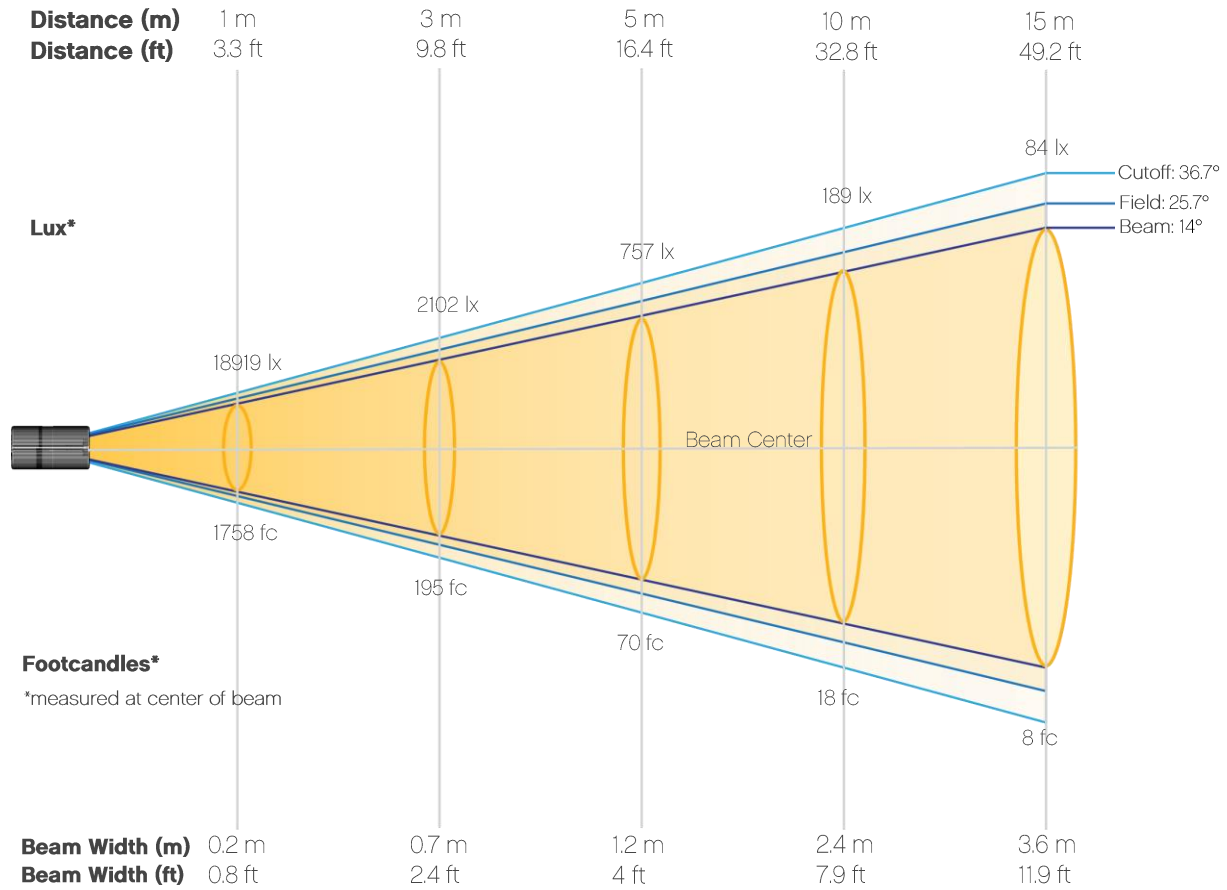
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



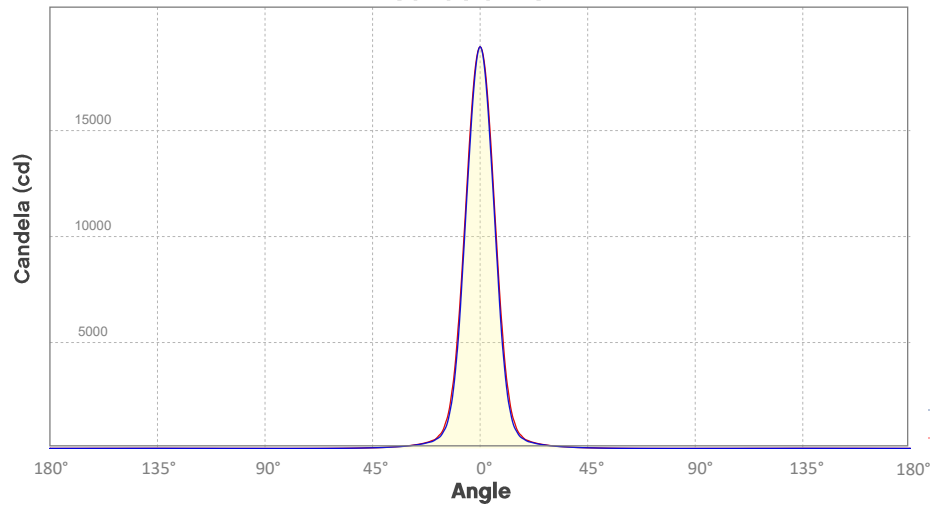
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18919	4730	2102	1182	757	526	386	296	234	189
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	156	131	112	97	84	74	65	58	52	47
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1758	439	195	110	70	49	36	27	22	18
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	15	12	10	9	8	7	6	5	5	4

Photometric Report

WELL Panel: Standard Optics, Green Only

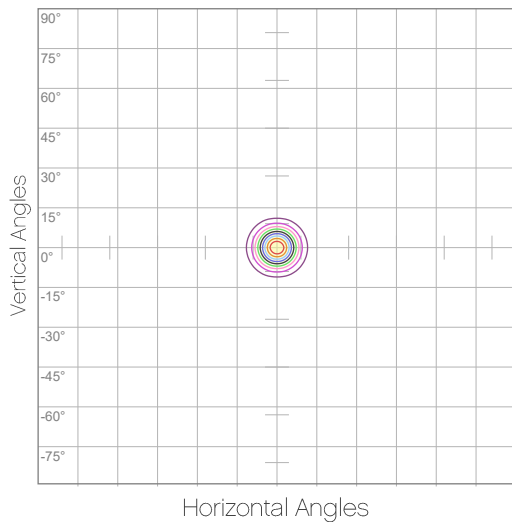
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 25.3°
Cutoff Angle (3%): 36.4°

— Horizontal Distribution
 — Vertical Distribution

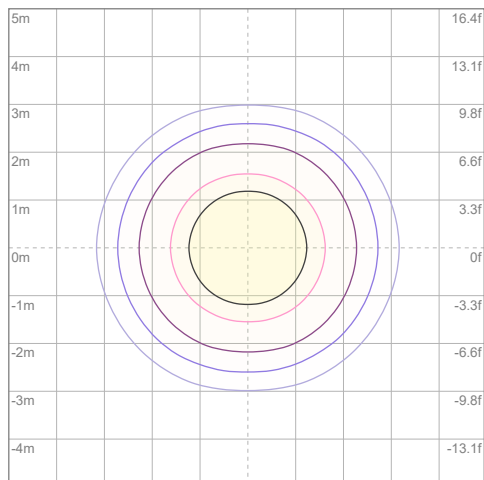
Polar Diagrams



iso-candela Diagram

10%	1892 cd
20%	3784 cd
30%	5676 cd
40%	7568 cd
50%	9460 cd
60%	11351 cd
70%	13243 cd
80%	15135 cd
90%	17027 cd

Conditions:
 Number of c-planes: 8
 Candela at center: 18919 cd



iso-illuminance Diagram

3%	5.68 lx
5%	9.46 lx
10%	18.9 lx
30%	56.8 lx
50%	94.6 lx

Conditions:
 Number of c-planes: 8
 Lux at center: 189 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Green Only

Report Summary

Output

Total Lumens: 978 lm
Peak Intensity: 12242 cd
Illuminance @ 5m: 490 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 24.8°
Horizontal Cutoff Angle (3%): 36.7°
Vertical Cutoff Angle (3%): 35.6°



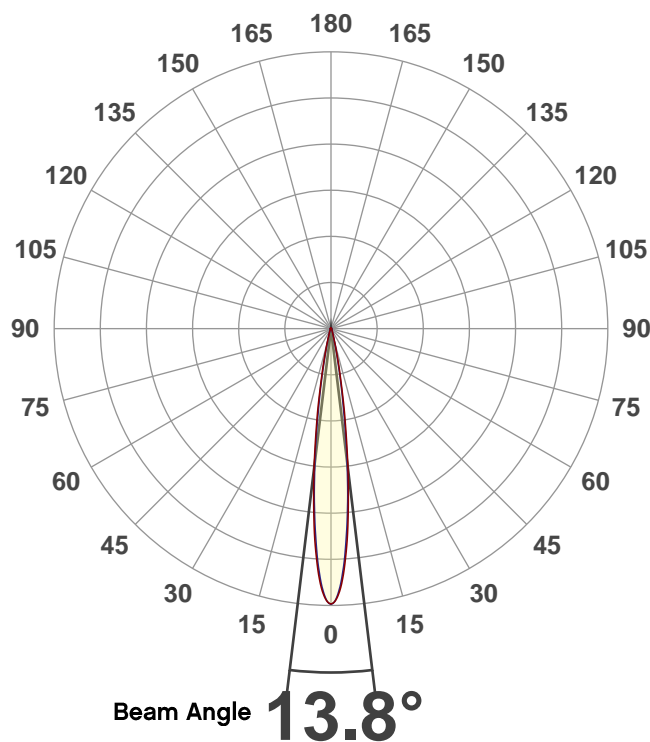
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

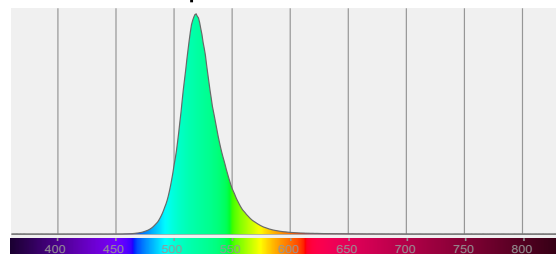
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/26/2020 to LM-63-2002 Standards.

Overall Measurement

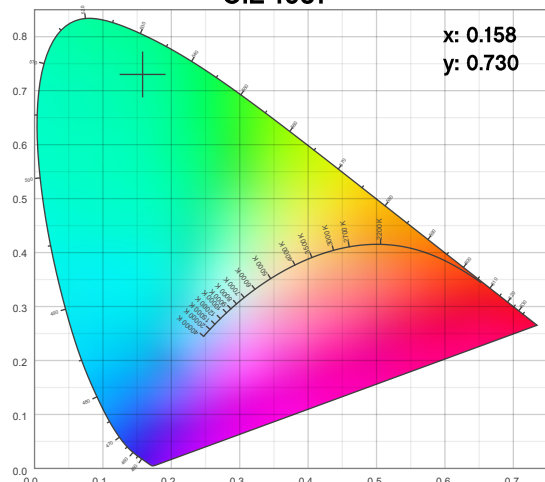
Angular Beam Distribution



Spectral Distribution



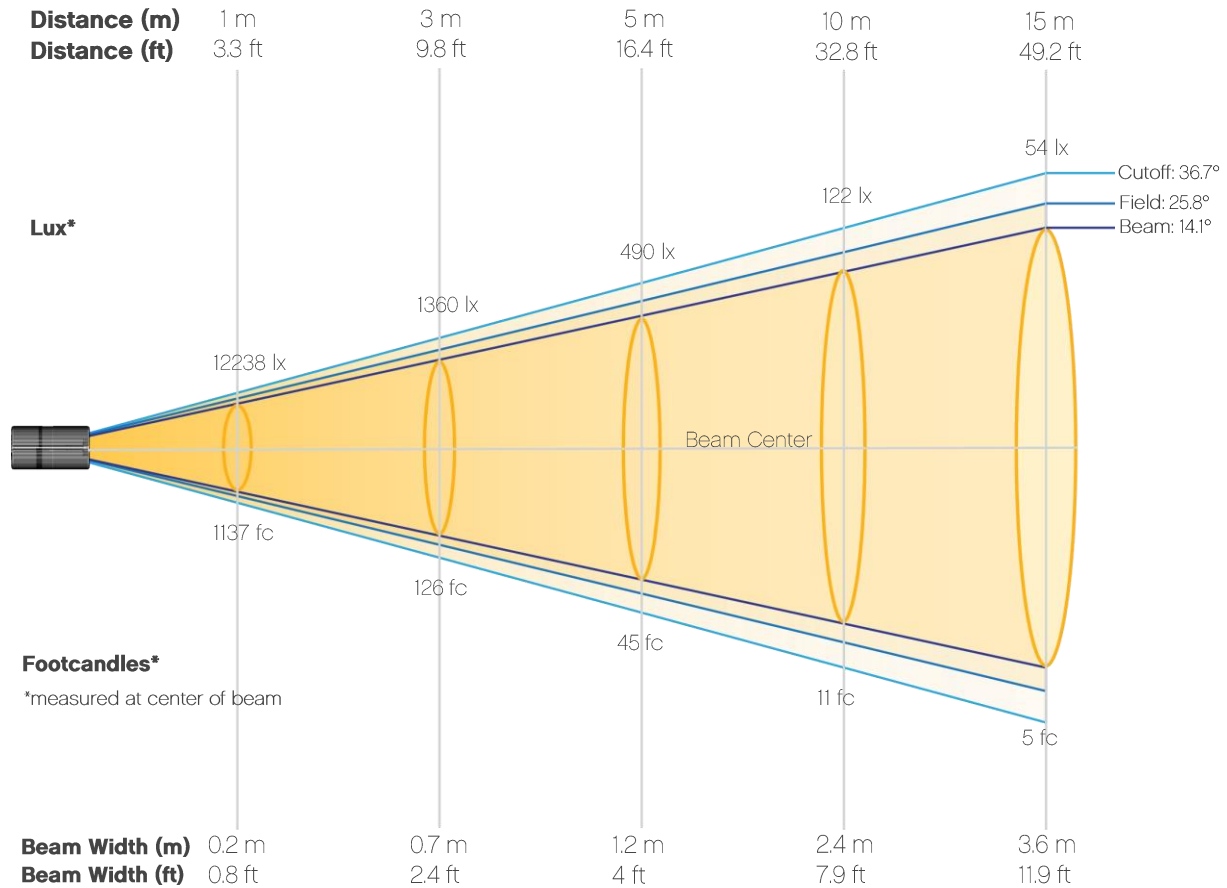
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Green Only

Beam Details



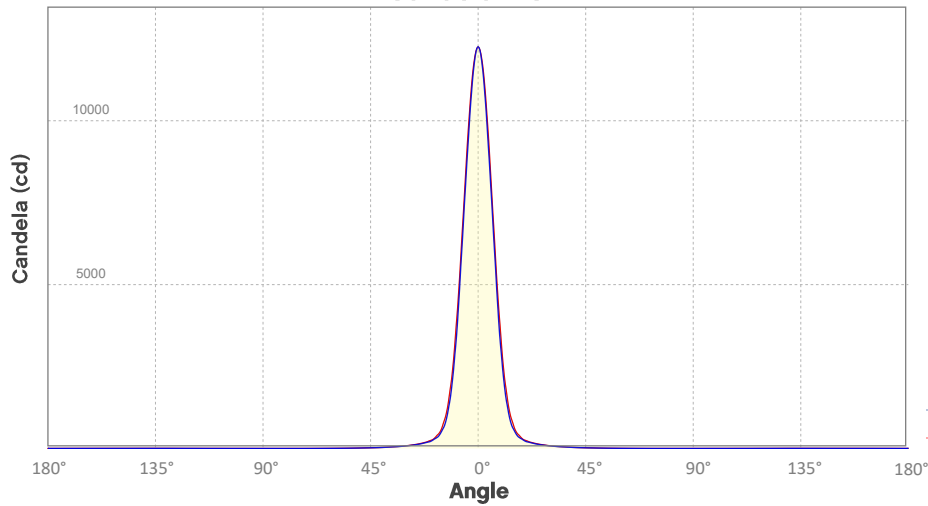
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12238	3060	1360	765	490	340	250	191	151	122
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	101	85	72	62	54	48	42	38	34	31
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1137	284	126	71	45	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

Photometric Report

WELL Panel: Standard Optics, Green Only

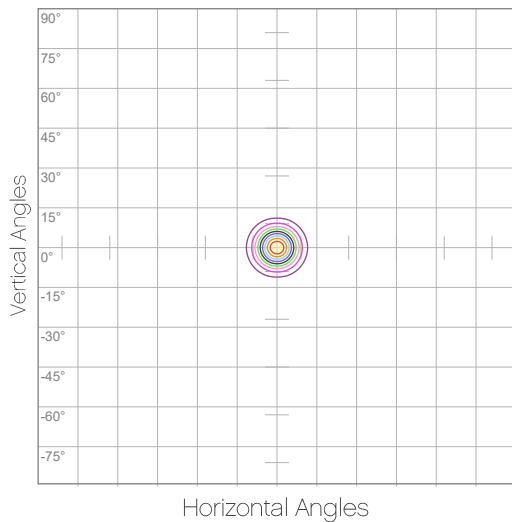
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 25.3°
Cutoff Angle (3%): 36.4°

— Horizontal Distribution
— Vertical Distribution

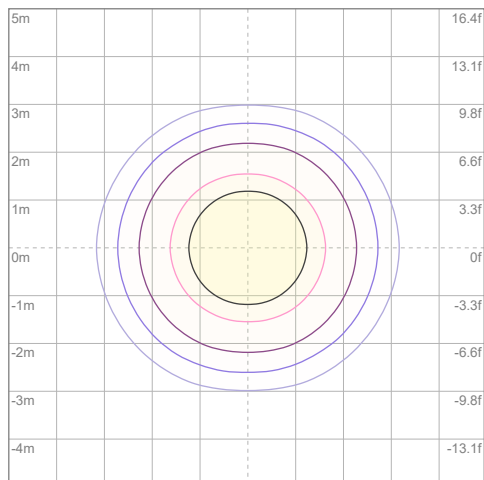
Polar Diagrams



iso-candela Diagram

10%	1224 cd
20%	2448 cd
30%	3671 cd
40%	4895 cd
50%	6119 cd
60%	7343 cd
70%	8567 cd
80%	9791 cd
90%	11014 cd

Conditions:
Number of c-planes: 8
Candela at center: 12238 cd



iso-illuminance Diagram

3%	3.67 lx
5%	6.12 lx
10%	12.2 lx
30%	36.7 lx
50%	61.2 lx

Conditions:
Number of c-planes: 8
Lux at center: 122 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 1022 lm
Peak Intensity: 11157 cd
Illuminance @ 5m: 446 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 26.6°
Vertical Field Angle (10%): 25.4°
Horizontal Cutoff Angle (3%): 38.9°
Vertical Cutoff Angle (3%): 37.1°



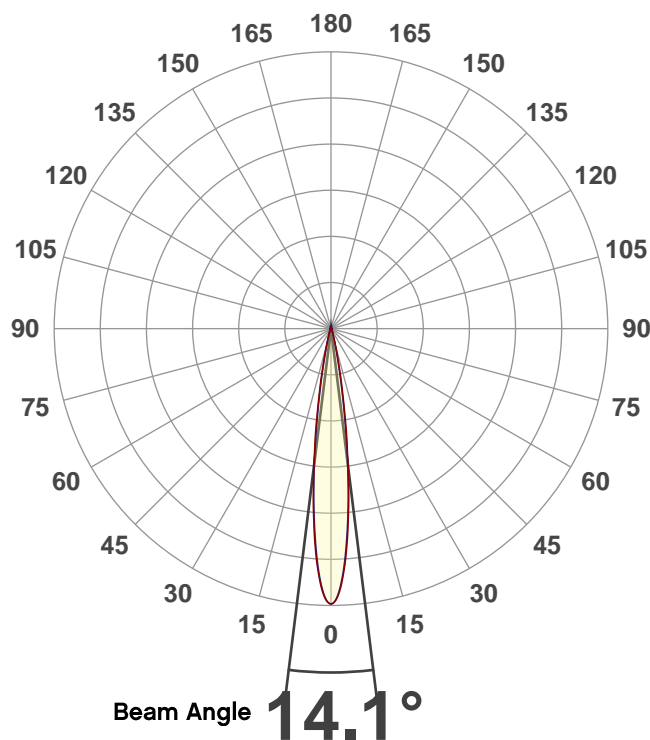
Conditions

AC Supply: 122 V, 60.1 Hz
Power: 200.03 W
Current: 1.64 A
Power Factor: 1.0

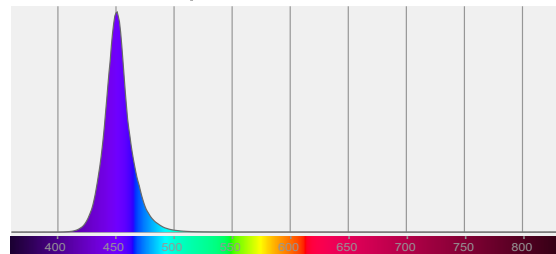
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Overall Measurement

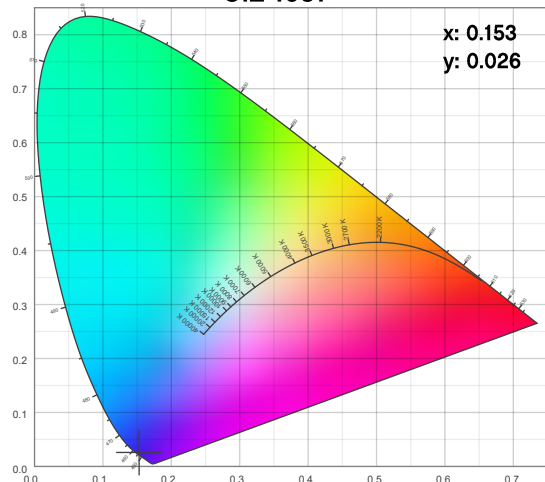
Angular Beam Distribution



Spectral Distribution



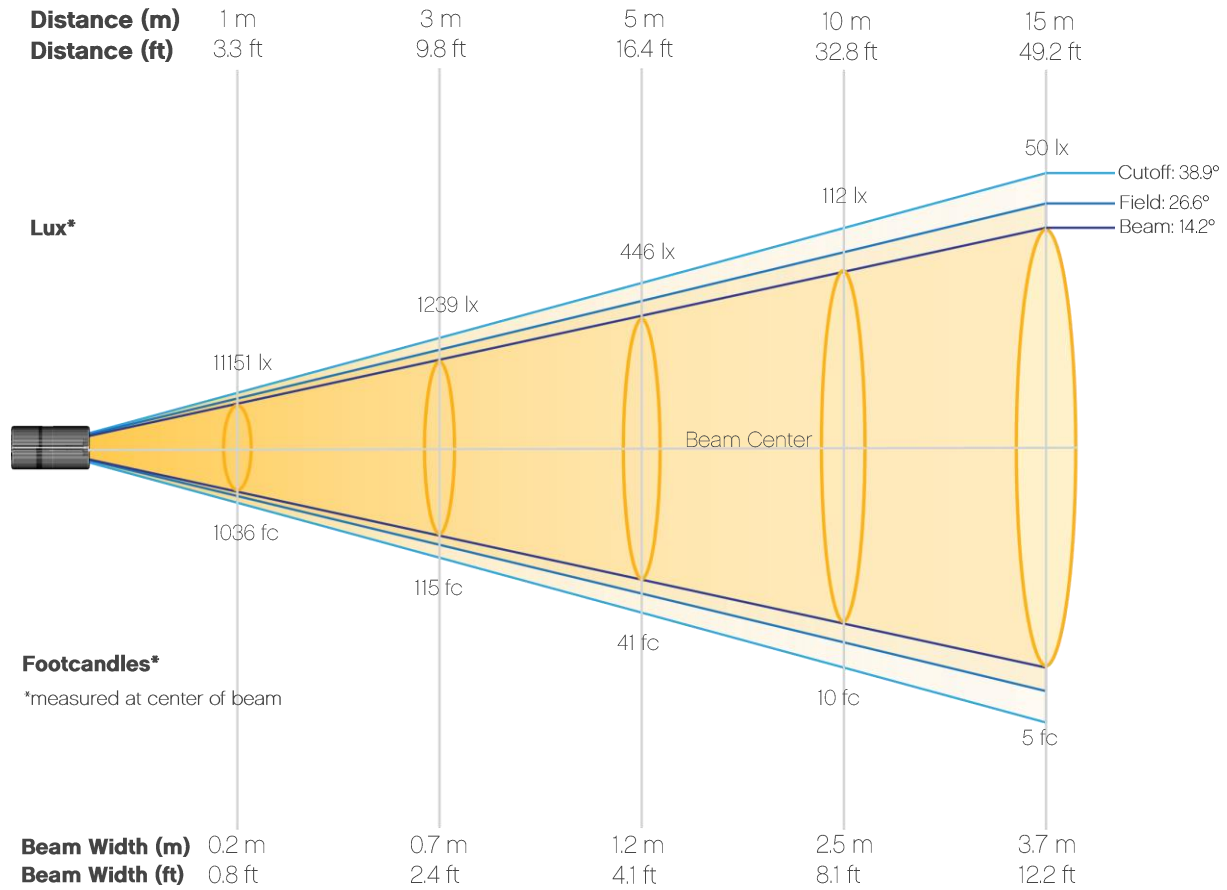
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

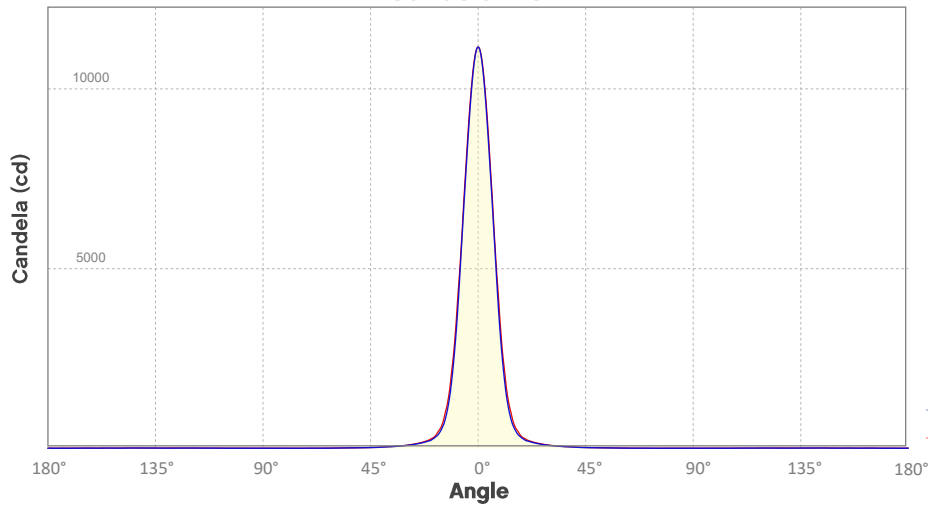


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11151	2788	1239	697	446	310	228	174	138	112
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	92	77	66	57	50	44	39	34	31	28
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1036	259	115	65	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

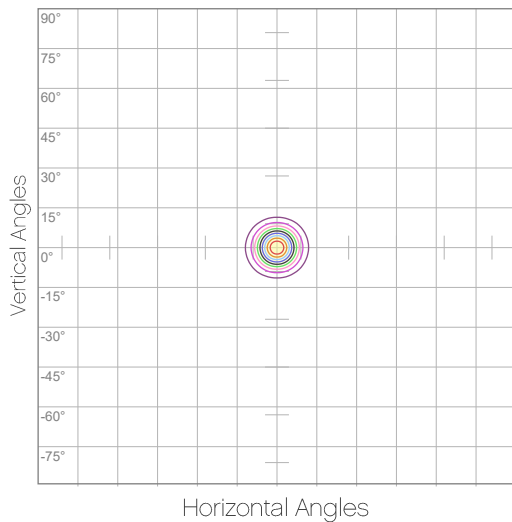
Photometric Report

WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.1°
Field Angle (10%): 26.1°
Cutoff Angle (3%): 38.1°

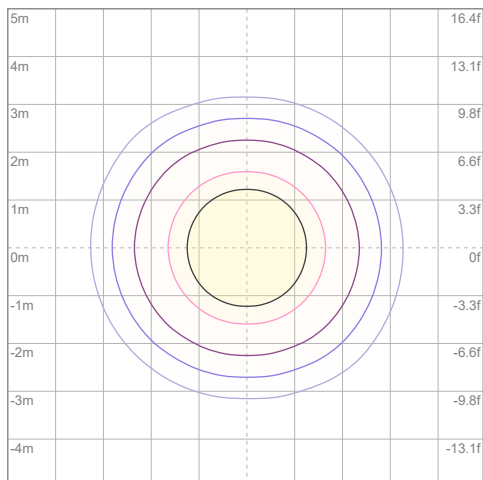
Polar Diagrams



iso-candela Diagram

10%	1115 cd
20%	2230 cd
30%	3345 cd
40%	4460 cd
50%	5576 cd
60%	6691 cd
70%	7806 cd
80%	8921 cd
90%	10036 cd

Conditions:
Number of c-planes: 8
Candela at center: 11151 cd



iso-illuminance Diagram

3%	3.35 lx
5%	5.58 lx
10%	11.2 lx
30%	33.5 lx
50%	55.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 112 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 1000 lm
Peak Intensity: 11092 cd
Illuminance @ 5m: 443 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 26.5°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 38.3°
Vertical Cutoff Angle (3%): 37.3°



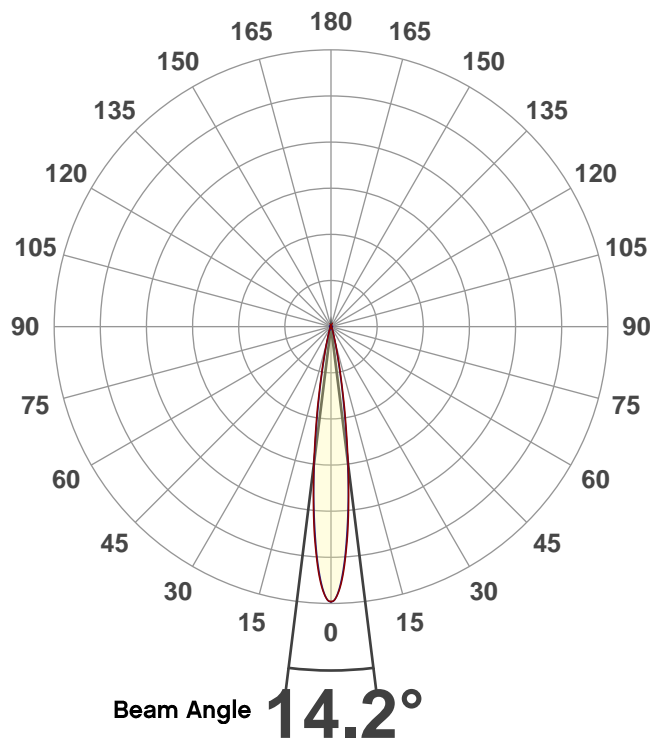
Conditions

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

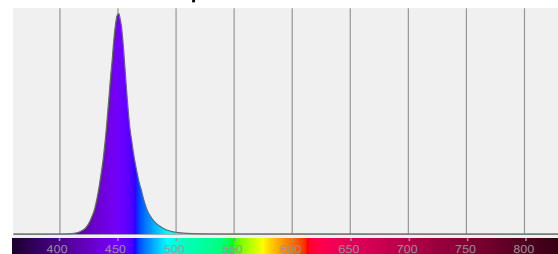
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Overall Measurement

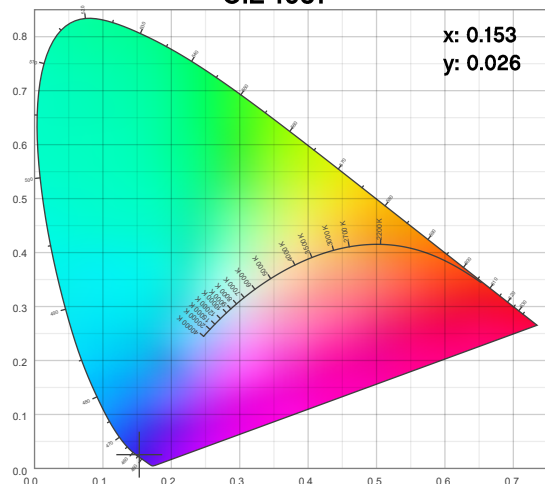
Angular Beam Distribution



Spectral Distribution



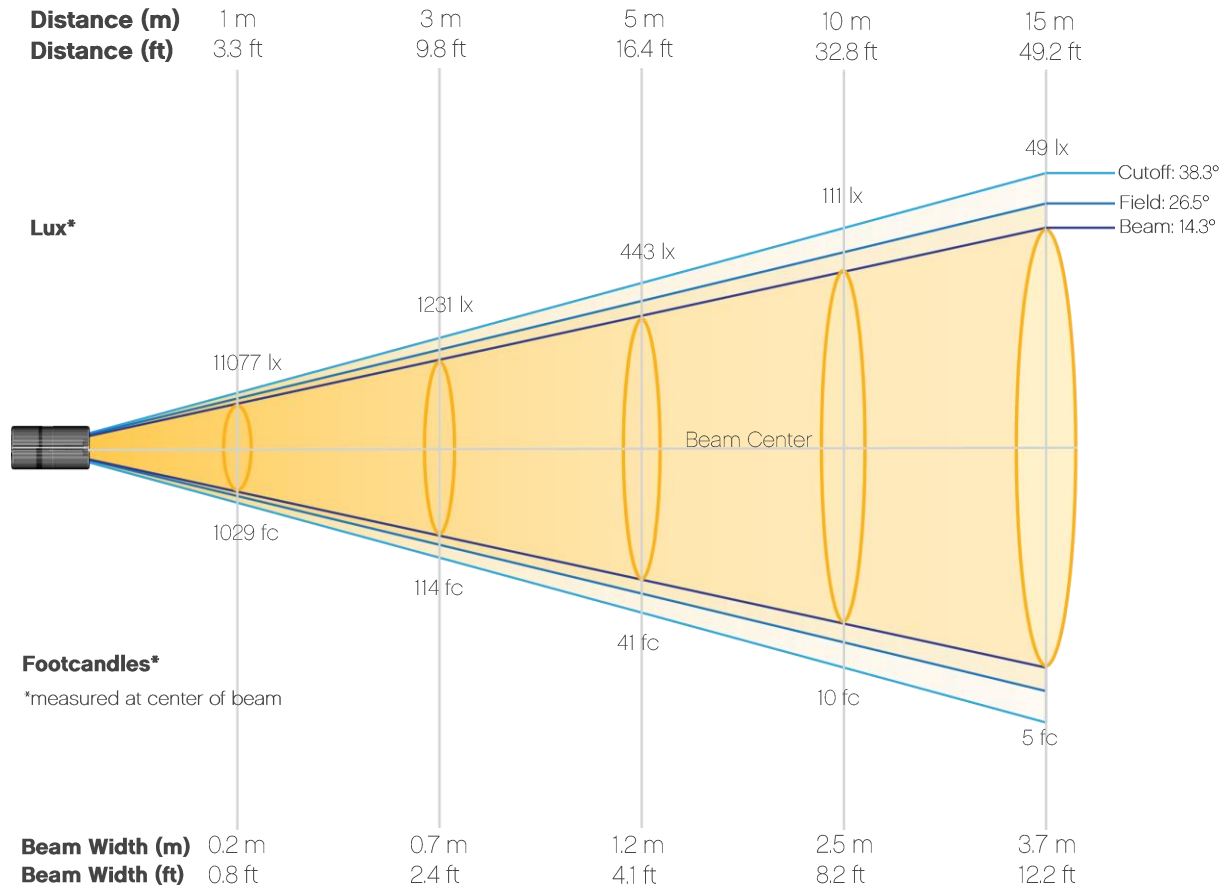
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

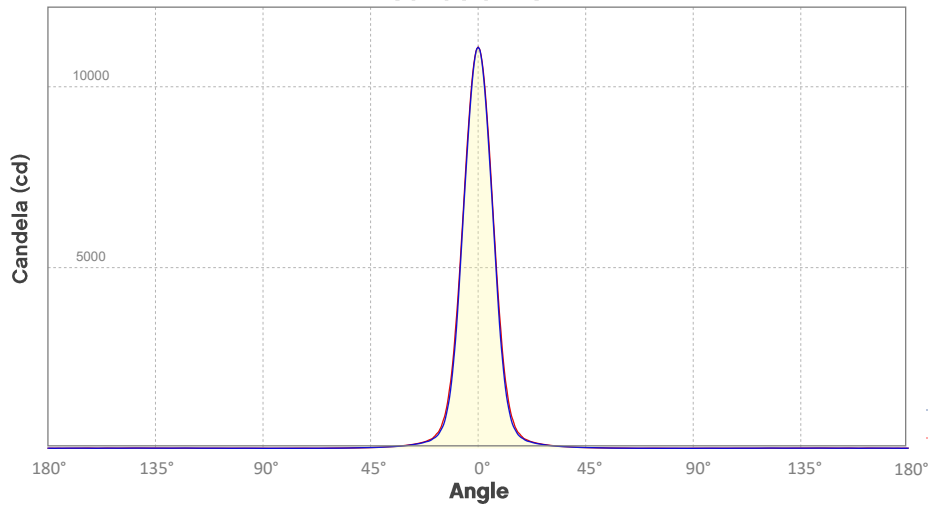


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11077	2769	1231	692	443	308	226	173	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	1029	257	114	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

Photometric Report

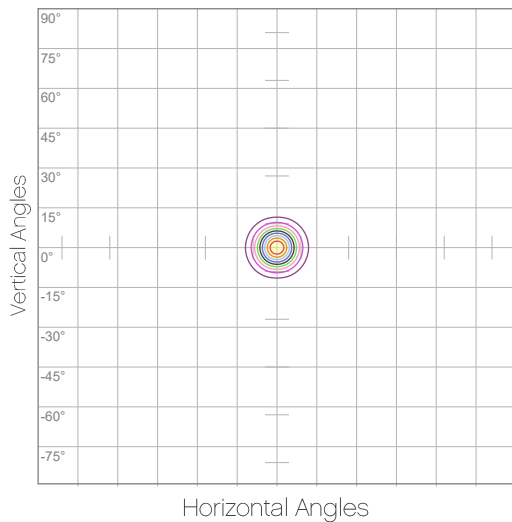
WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 26.1°
Cutoff Angle (3%): 38°

— Horizontal Distribution
— Vertical Distribution

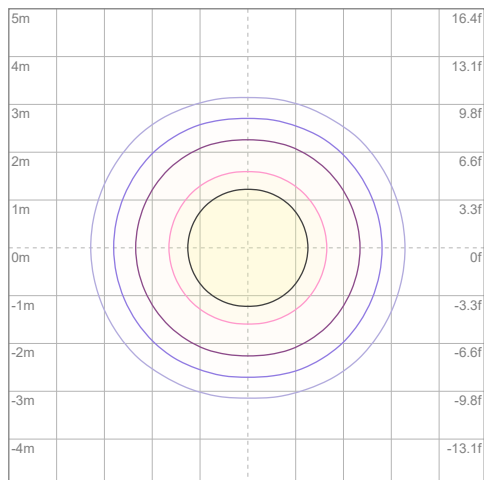
Polar Diagrams



iso-candela Diagram

10%	1108 cd
20%	2215 cd
30%	3323 cd
40%	4431 cd
50%	5539 cd
60%	6646 cd
70%	7754 cd
80%	8862 cd
90%	9970 cd

Conditions:
Number of c-planes: 8
Candela at center: 11077 cd



iso-illuminance Diagram

3%	3.32 lx
5%	5.54 lx
10%	11.1 lx
30%	33.2 lx
50%	55.4 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

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 993 lm
Peak Intensity: 11111 cd
Illuminance @ 5m: 444 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 26.5°
Vertical Field Angle (10%): 25.5°
Horizontal Cutoff Angle (3%): 38.3°
Vertical Cutoff Angle (3%): 37.3°



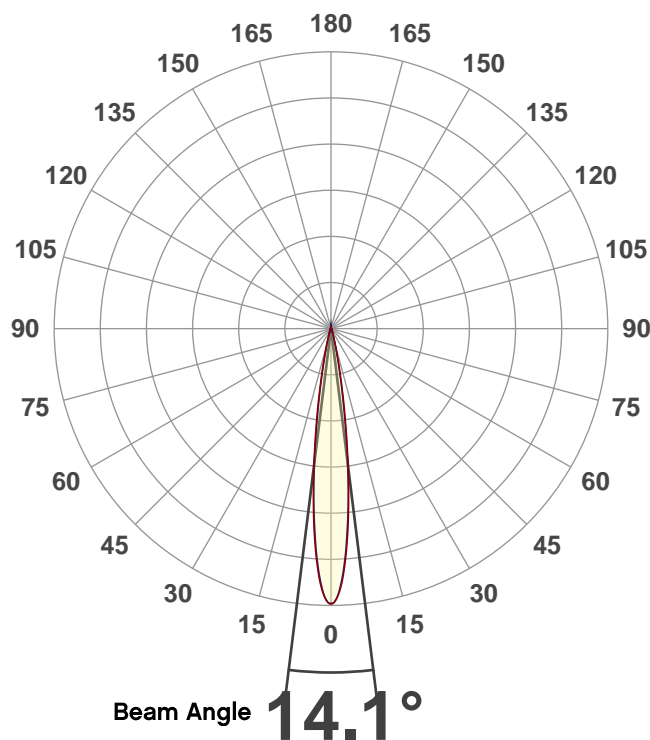
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

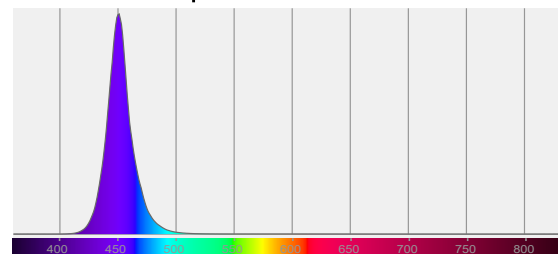
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Overall Measurement

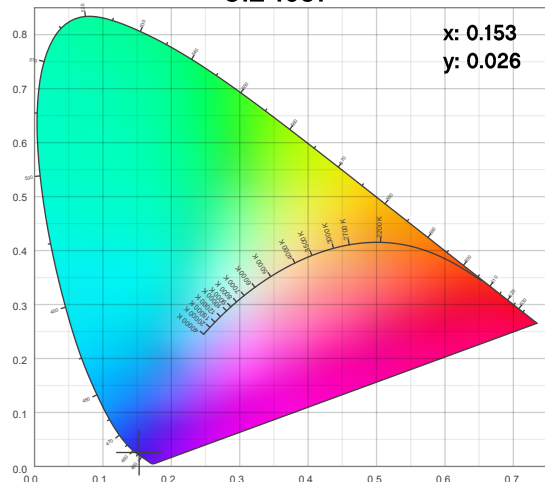
Angular Beam Distribution



Spectral Distribution



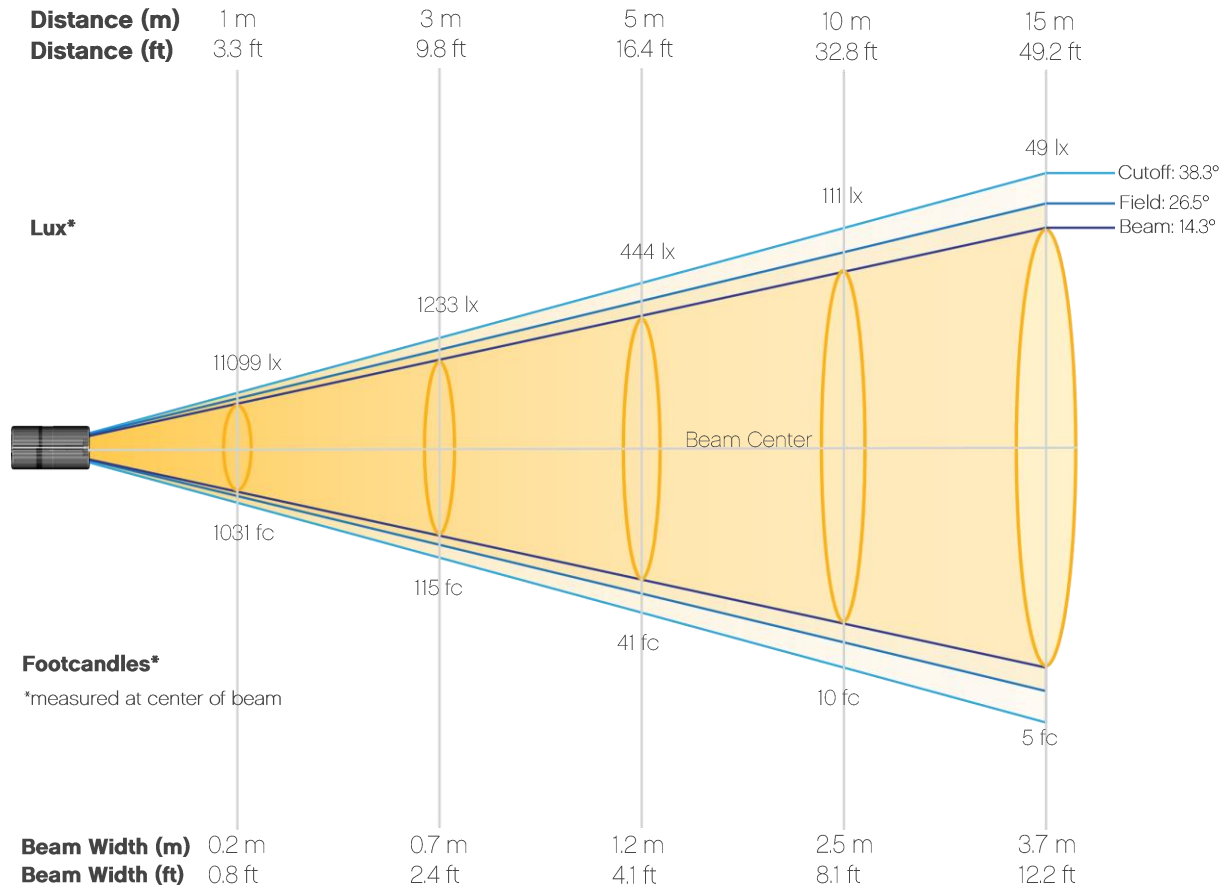
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

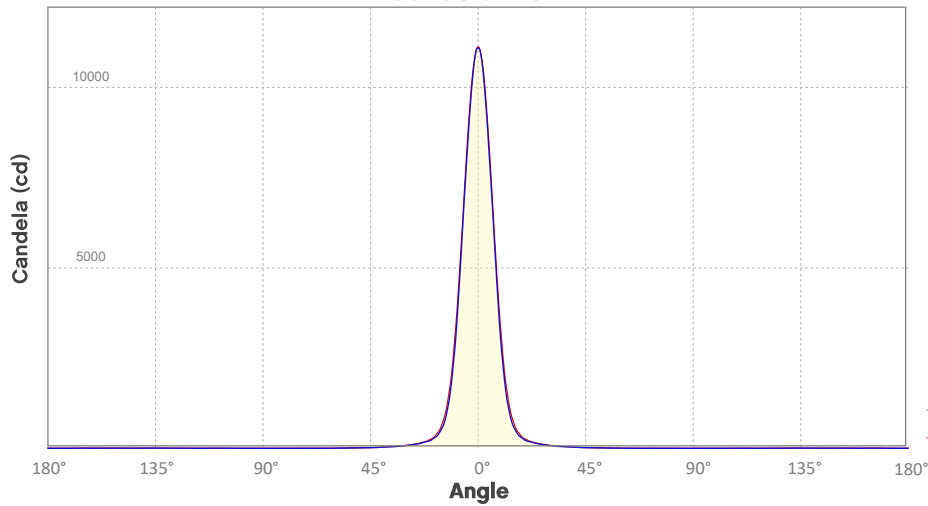


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11099	2775	1233	694	444	308	227	173	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	1031	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

Photometric Report

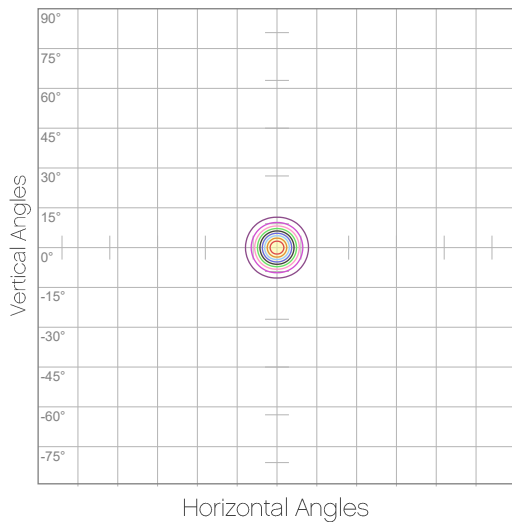
WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.1°
Field Angle (10%): 26.1°
Cutoff Angle (3%): 38°

— Horizontal Distribution
— Vertical Distribution

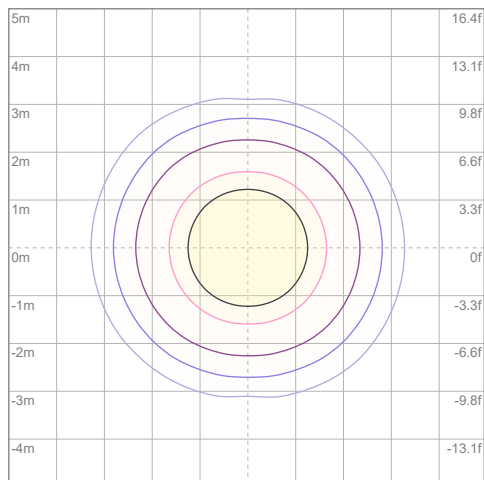
Polar Diagrams



iso-candela Diagram

10%	1110 cd
20%	2220 cd
30%	3330 cd
40%	4440 cd
50%	5549 cd
60%	6659 cd
70%	7769 cd
80%	8879 cd
90%	9989 cd

Conditions:
Number of c-planes: 8
Candela at center: 11099 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

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 551 lm
Peak Intensity: 5523 cd
Illuminance @ 5m: 220 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 26.5°
Vertical Field Angle (10%): 25.5°
Horizontal Cutoff Angle (3%): 38.5°
Vertical Cutoff Angle (3%): 37.5°



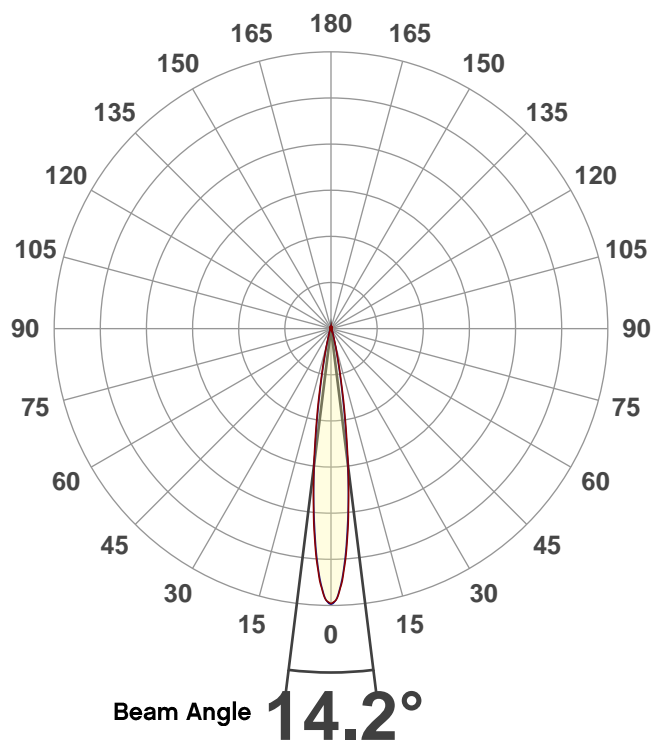
Conditions

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

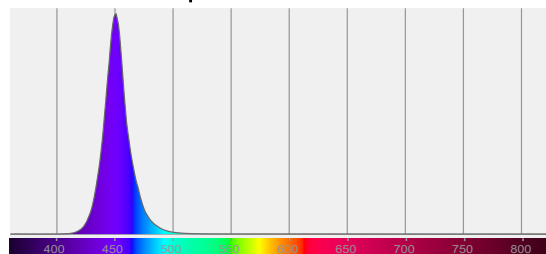
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Overall Measurement

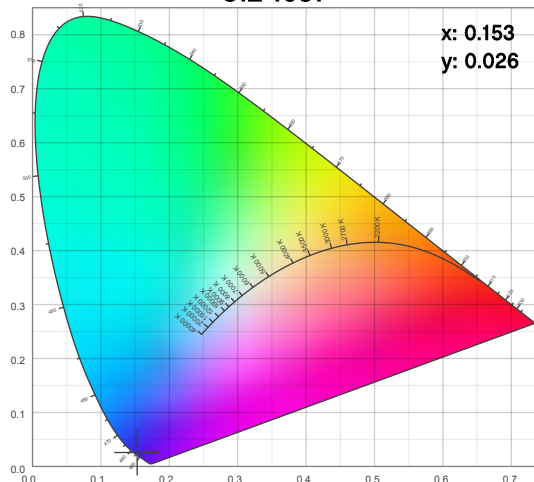
Angular Beam Distribution



Spectral Distribution



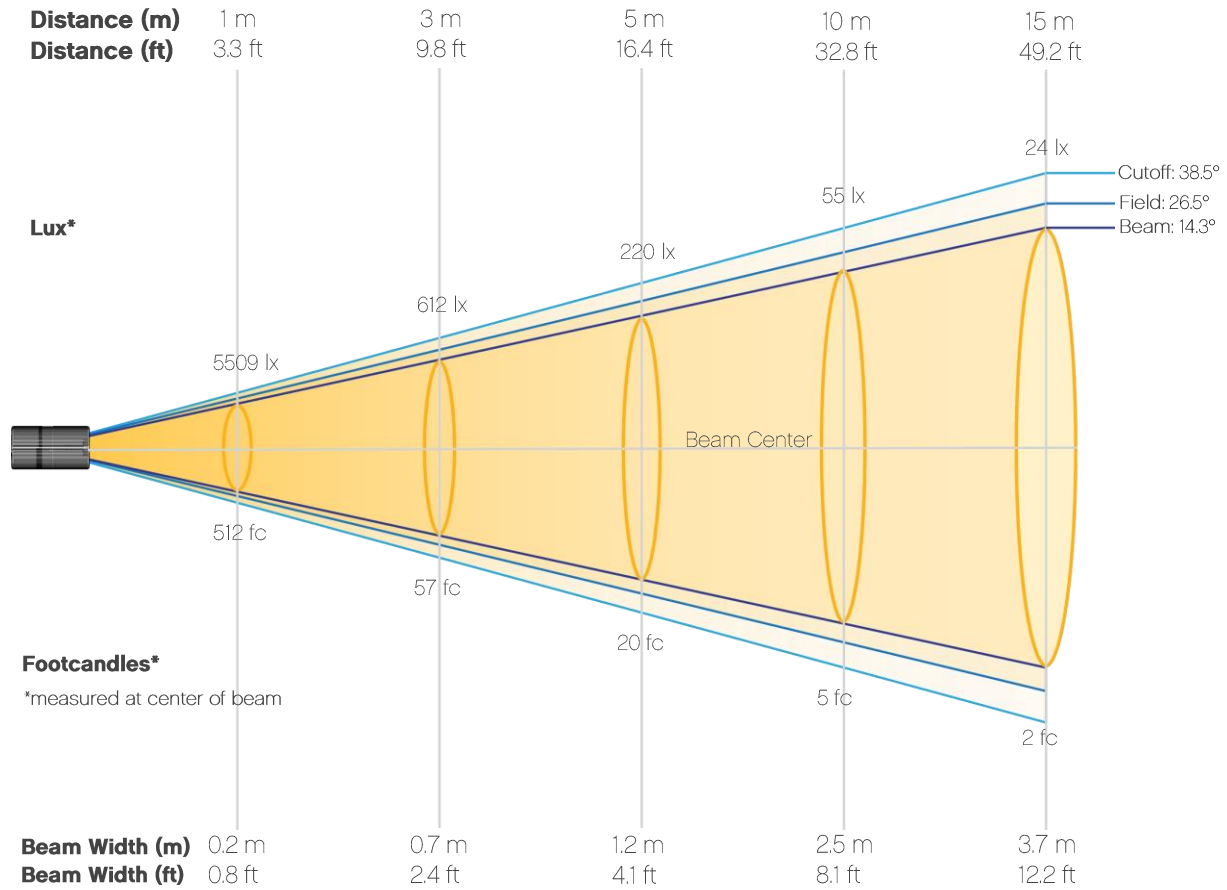
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

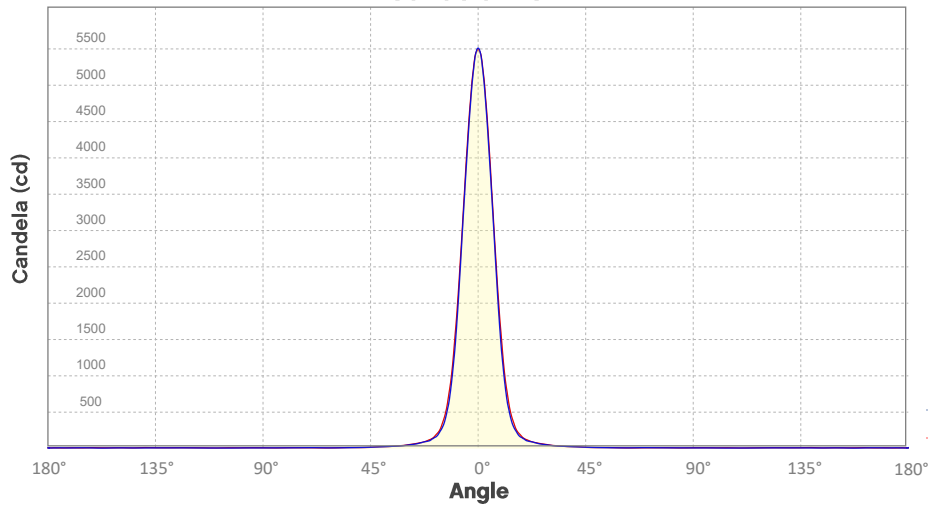


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5509	1377	612	344	220	153	112	86	68	55
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	46	38	33	28	24	22	19	17	15	14
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	512	128	57	32	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	4	3	3	2	2	2	2	1	1

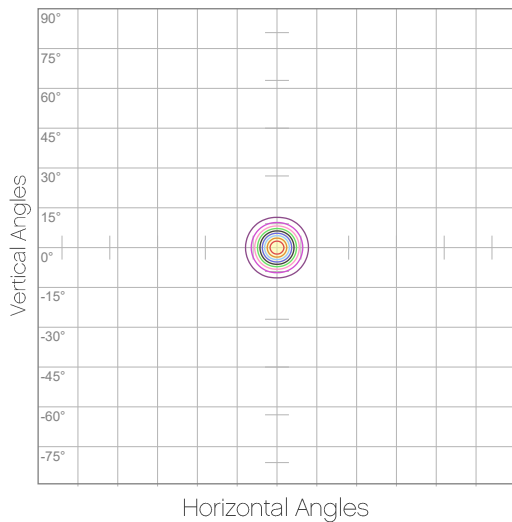
Photometric Report

WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 26.1°
Cutoff Angle (3%): 38.3°

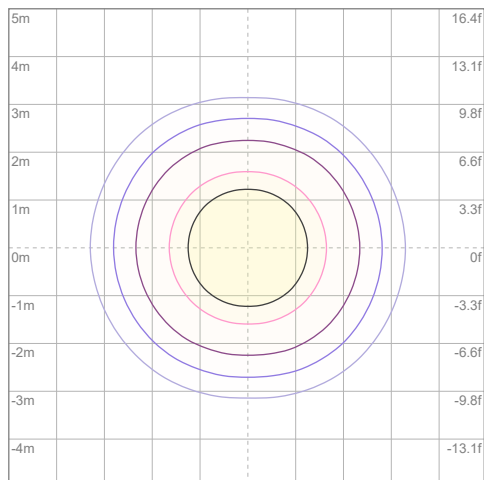
Polar Diagrams



iso-candela Diagram

10%	551 cd
20%	1102 cd
30%	1653 cd
40%	2203 cd
50%	2754 cd
60%	3305 cd
70%	3856 cd
80%	4407 cd
90%	4958 cd

Conditions:
Number of c-planes: 8
Candela at center: 5509 cd



iso-illuminance Diagram

3%	1.65 lx
5%	2.75 lx
10%	5.51 lx
30%	16.5 lx
50%	27.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 55.1 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 384 lm
Peak Intensity: 3406 cd
Illuminance @ 5m: 136 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 26.6°
Vertical Field Angle (10%): 25.5°
Horizontal Cutoff Angle (3%): 39.1°
Vertical Cutoff Angle (3%): 37.9°



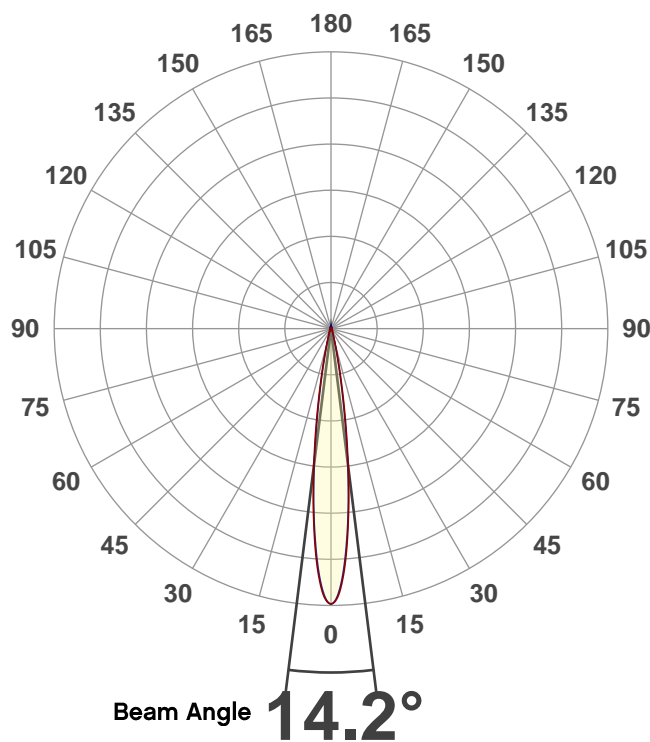
Conditions

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

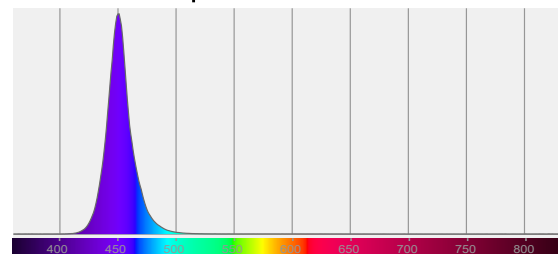
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Overall Measurement

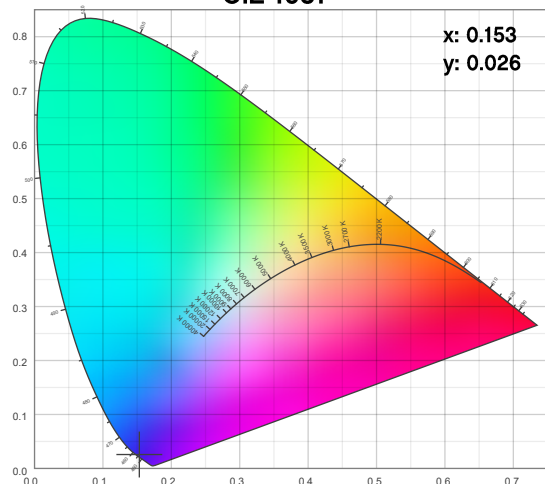
Angular Beam Distribution



Spectral Distribution



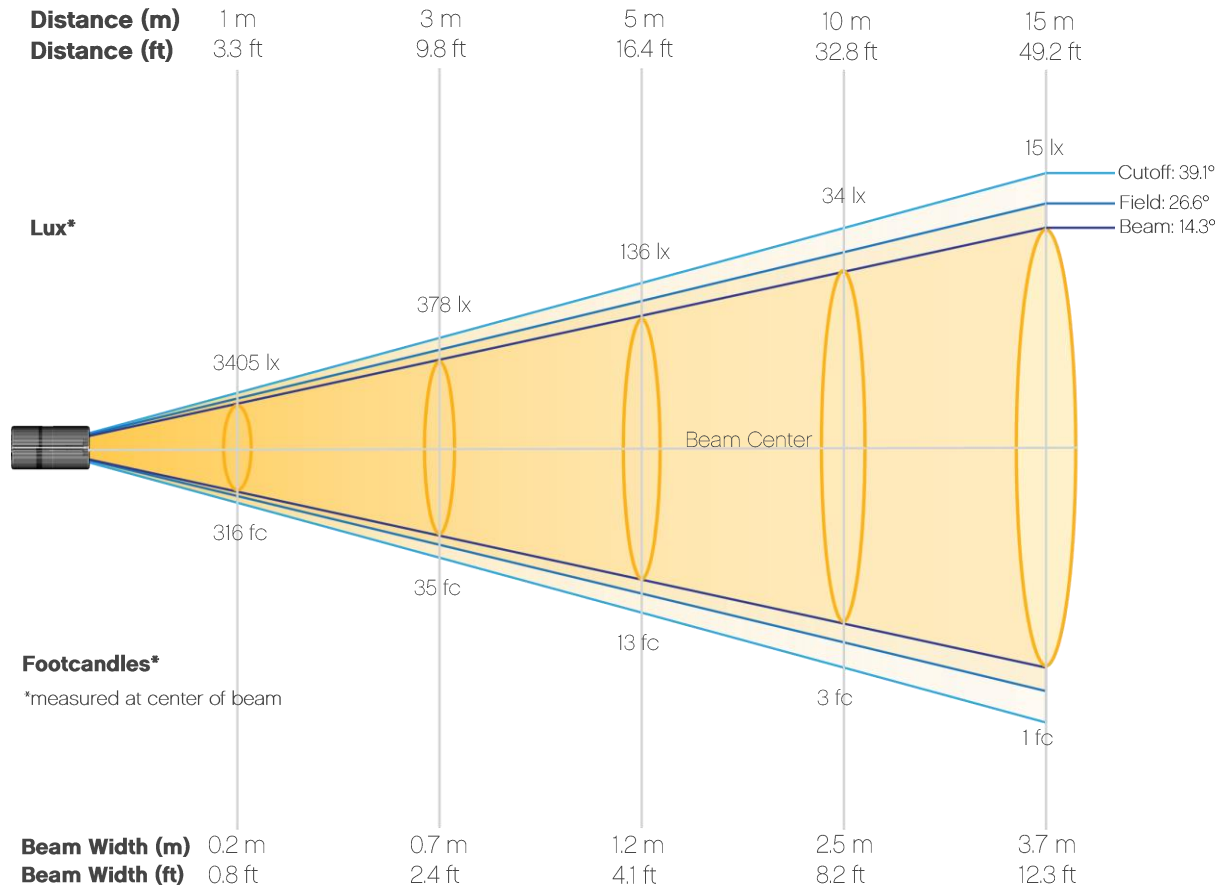
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

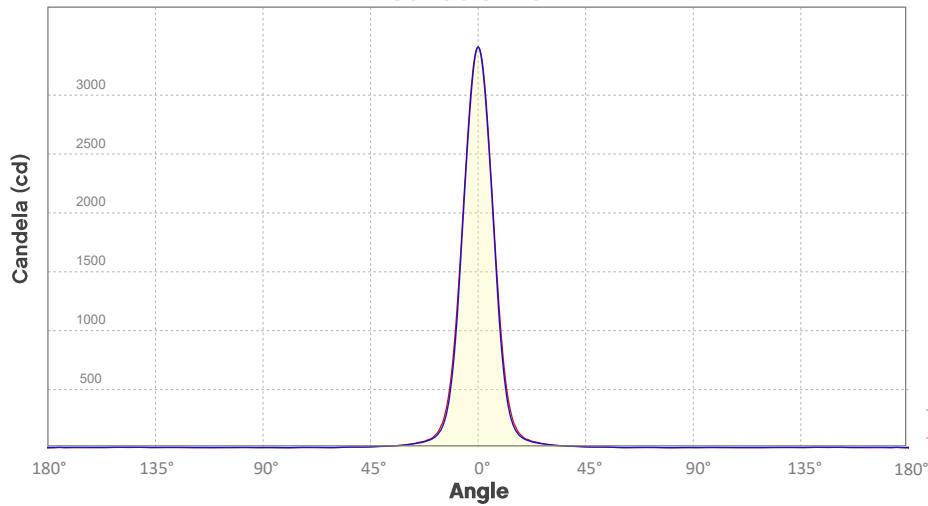


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3405	851	378	213	136	95	69	53	42	34
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	28	24	20	17	15	13	12	11	9	9
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	316	79	35	20	13	9	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	3	2	2	2	1	1	1	1	1	1

Photometric Report

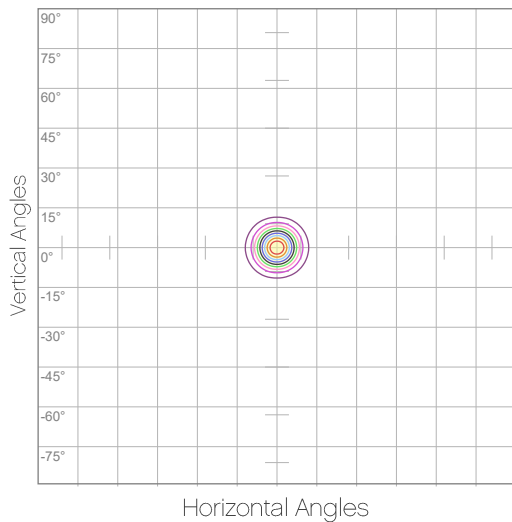
WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 26.2°
Cutoff Angle (3%): 38.8°

— Horizontal Distribution
— Vertical Distribution

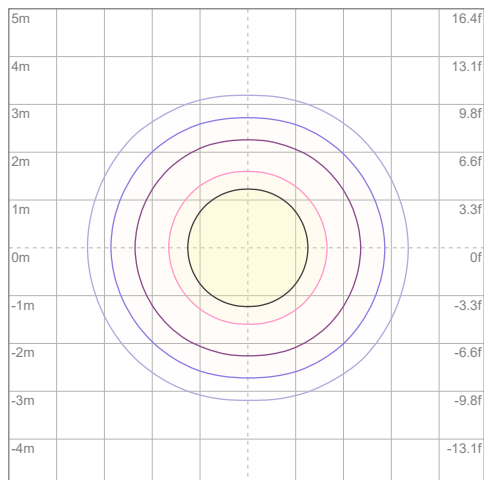
Polar Diagrams



iso-candela Diagram

10%	341 cd
20%	681 cd
30%	1022 cd
40%	1362 cd
50%	1703 cd
60%	2043 cd
70%	2384 cd
80%	2724 cd
90%	3065 cd

Conditions:
Number of c-planes: 8
Candela at center: 3405 cd



iso-illuminance Diagram

3%	1.02 lx
5%	1.70 lx
10%	3.41 lx
30%	10.2 lx
50%	17.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 34.1 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Blue Only

Report Summary

Output

Total Lumens: 218 lm
Peak Intensity: 2195 cd
Illuminance @ 5m: 88 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 26.5°
Vertical Field Angle (10%): 25.4°
Horizontal Cutoff Angle (3%): 38.4°
Vertical Cutoff Angle (3%): 37.4°



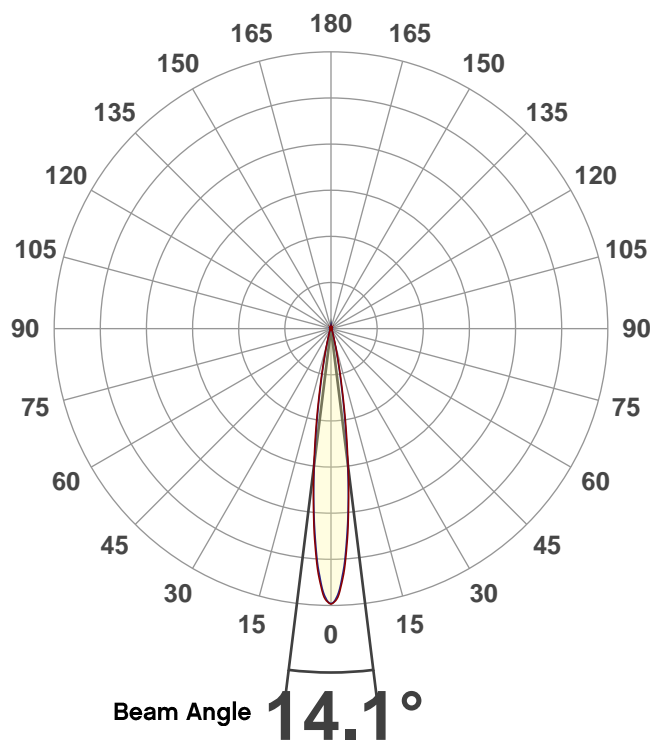
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

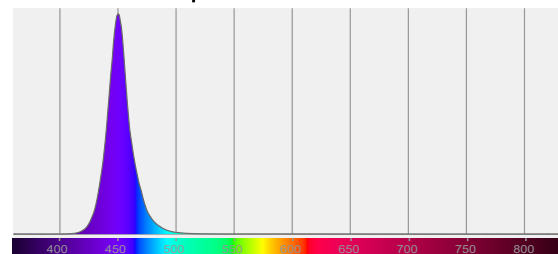
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Overall Measurement

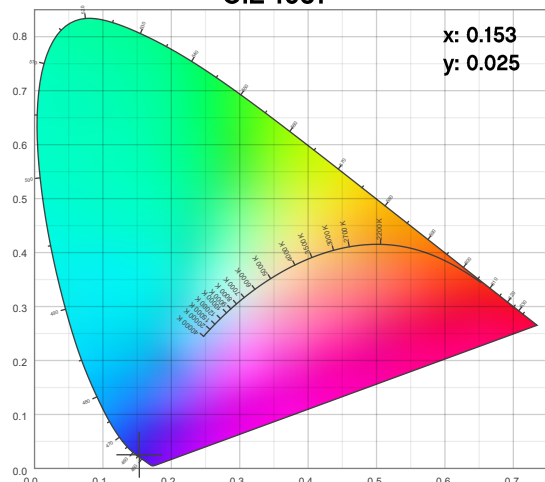
Angular Beam Distribution



Spectral Distribution



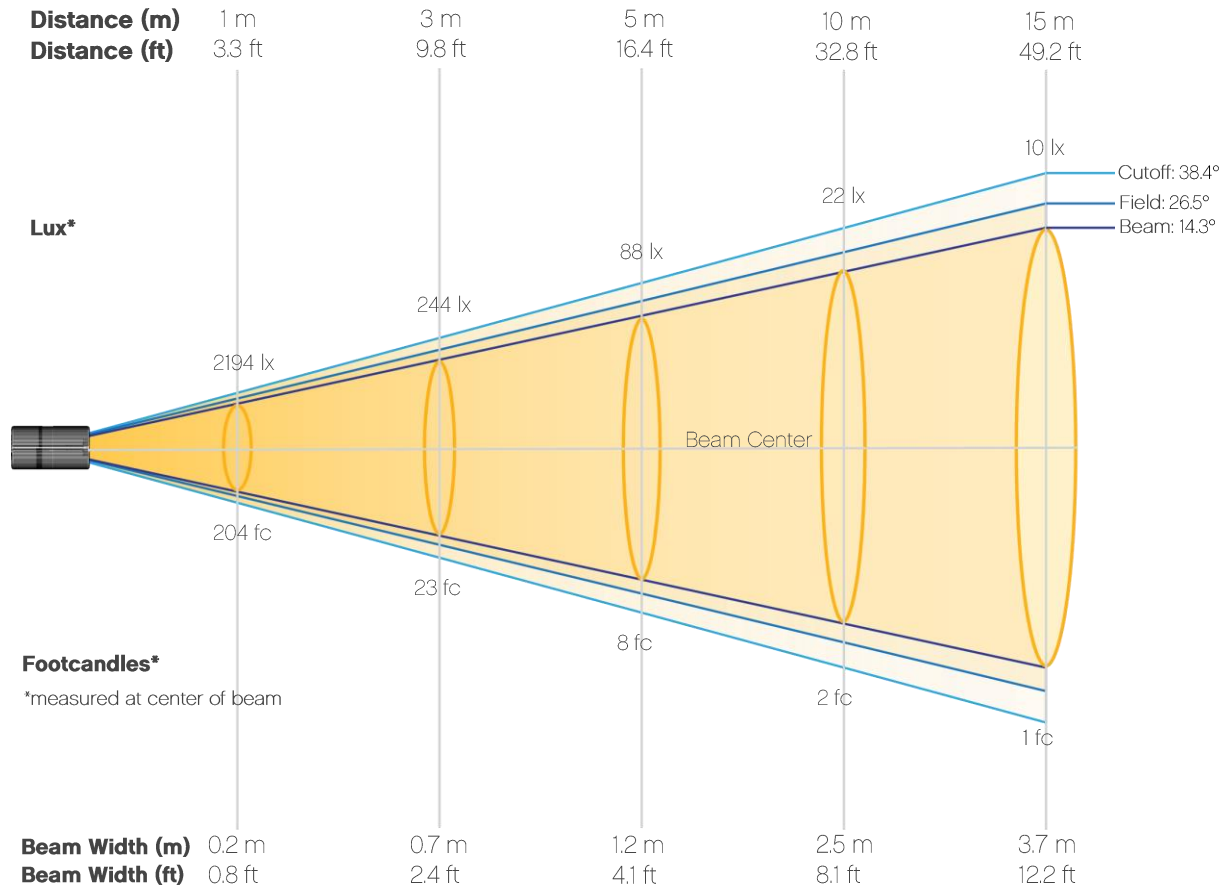
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Blue Only

Beam Details

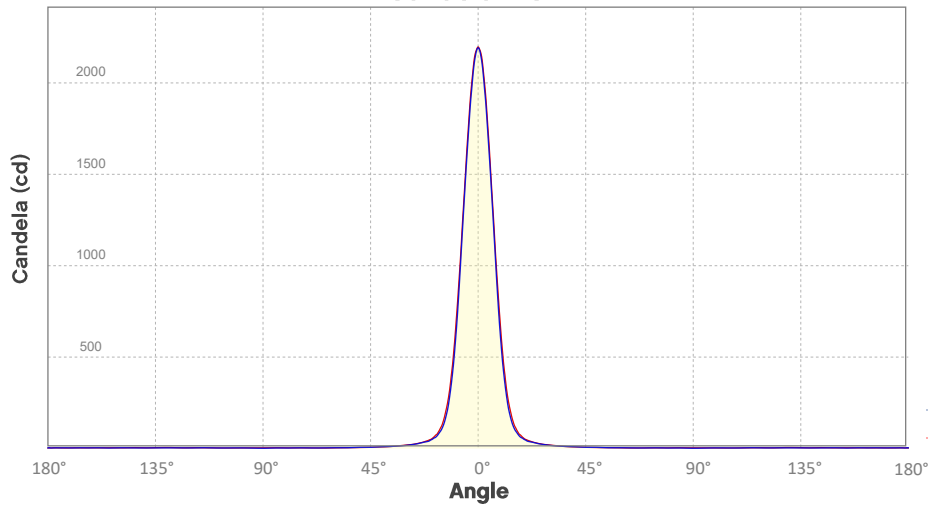


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2194	548	244	137	88	61	45	34	27	22
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	18	15	13	11	10	9	8	7	6	5
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	204	51	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

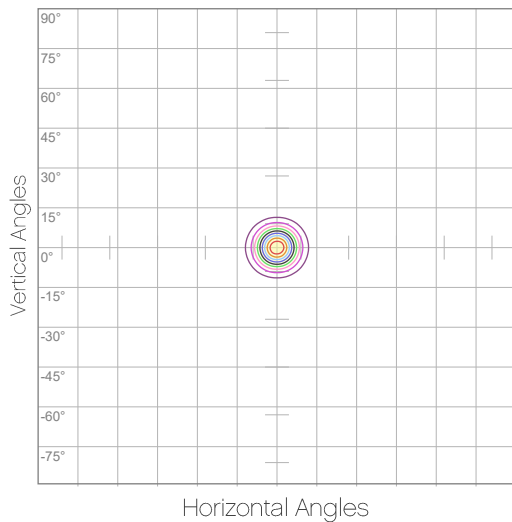
Photometric Report

WELL Panel: Standard Optics, Blue Only
Candela Plot



Beam Angle (50%): 14.1°
Field Angle (10%): 26°
Cutoff Angle (3%): 38°

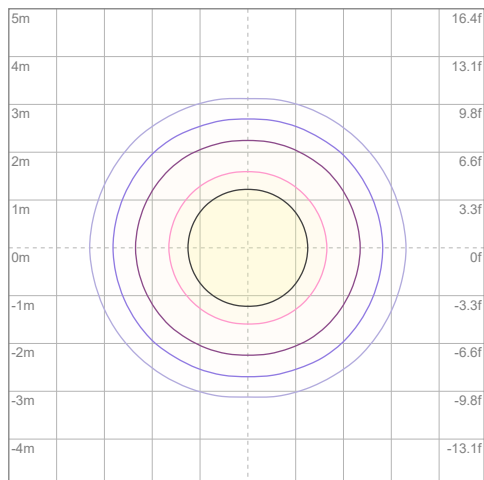
Polar Diagrams



iso-candela Diagram

10%	219 cd
20%	439 cd
30%	658 cd
40%	877 cd
50%	1097 cd
60%	1316 cd
70%	1535 cd
80%	1755 cd
90%	1974 cd

Conditions:
Number of c-planes: 8
Candela at center: 2194 cd



iso-illuminance Diagram

3%	0.658 lx
5%	1.10 lx
10%	2.19 lx
30%	6.58 lx
50%	11.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 219 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Warm white Only

Report Summary

Output

Total Lumens: 778 lm
Peak Intensity: 9320 cd
Illuminance @ 5m: 373 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 26.1°
Vertical Field Angle (10%): 25.1°
Horizontal Cutoff Angle (3%): 37.7°
Vertical Cutoff Angle (3%): 37.2°



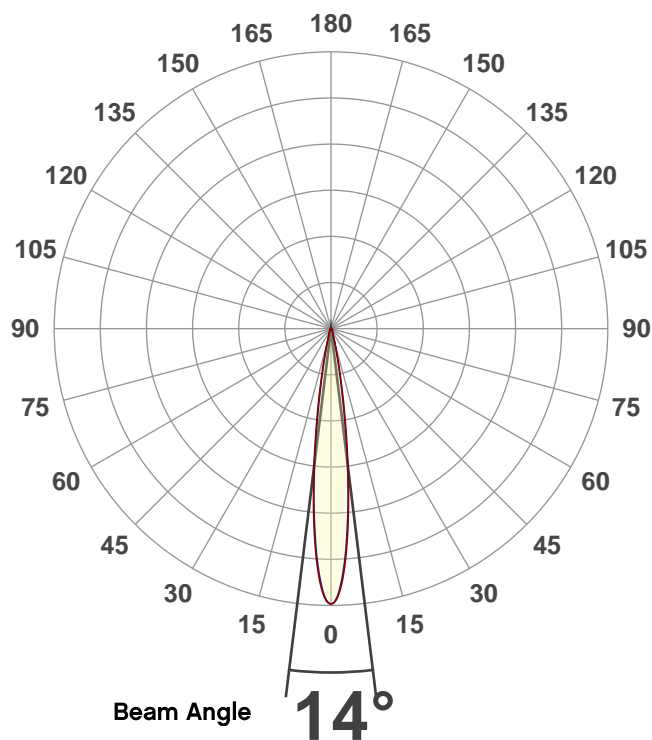
Conditions

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

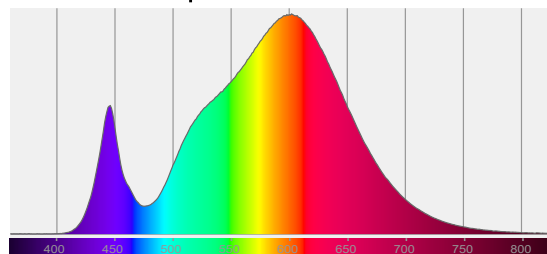
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Overall Measurement

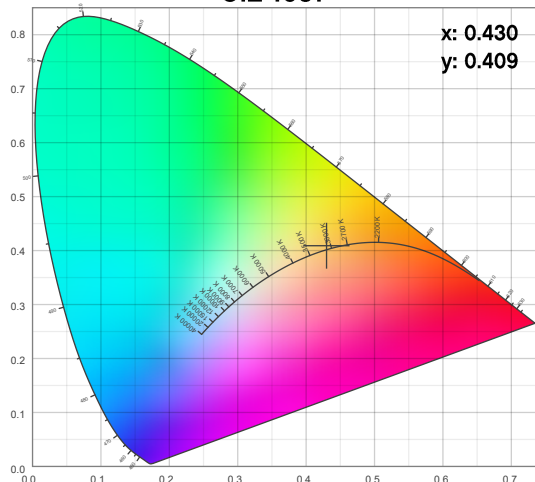
Angular Beam Distribution



Spectral Distribution



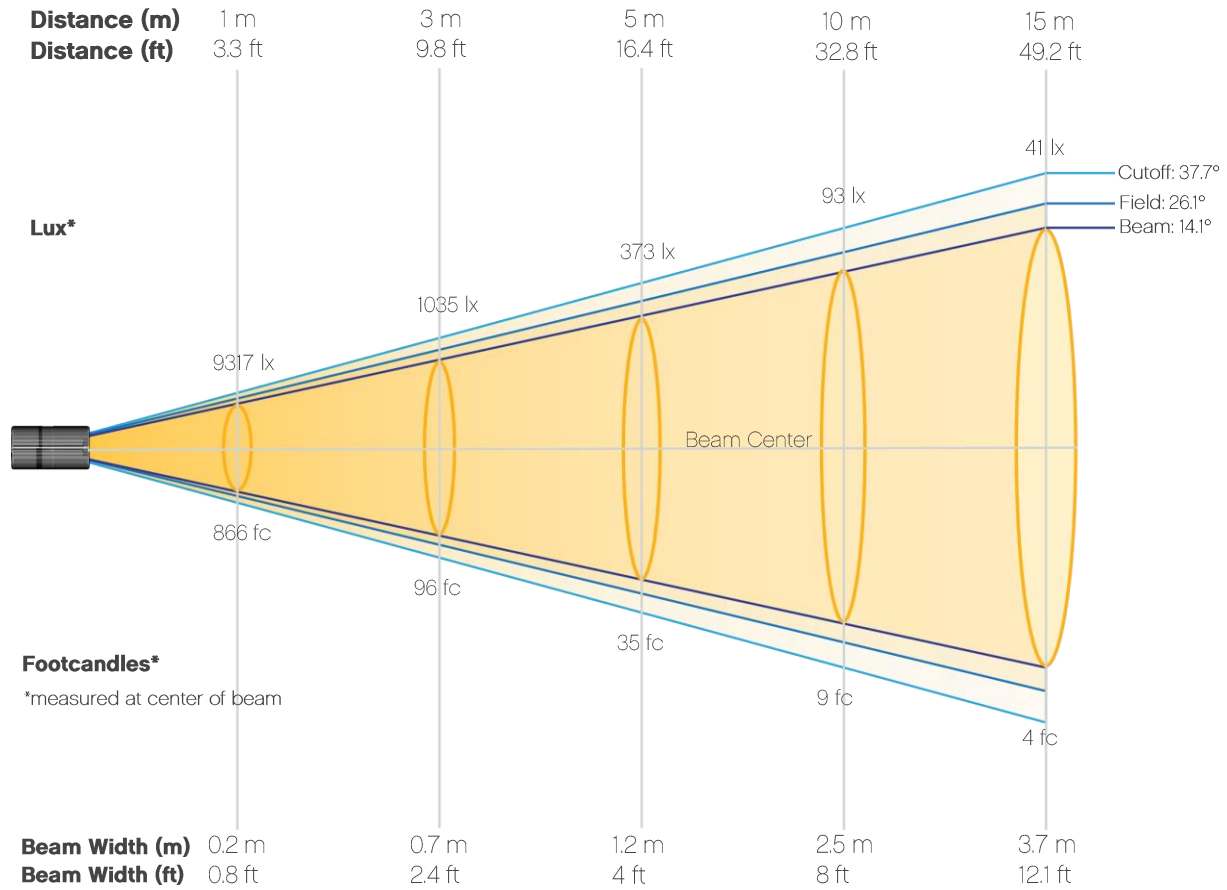
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Warm white Only

Beam Details



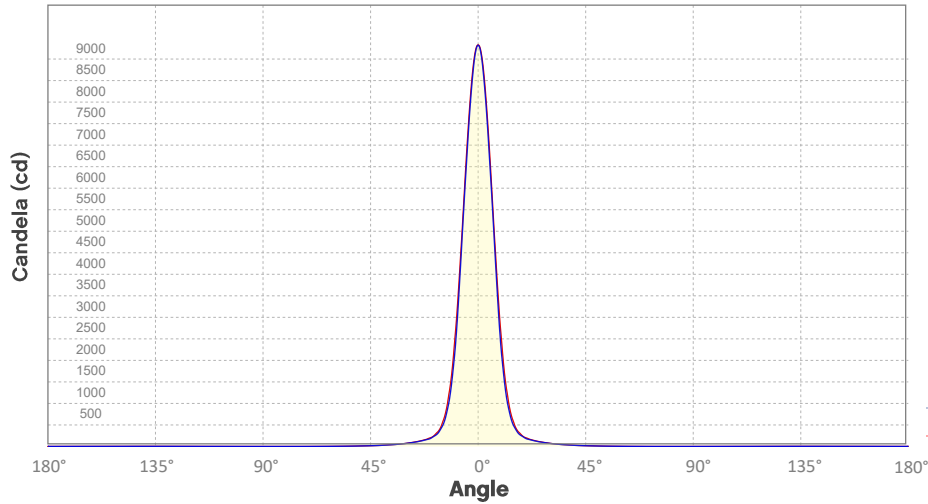
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9317	2329	1035	582	373	259	190	146	115	93
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	77	65	55	48	41	36	32	29	26	23
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	866	216	96	54	35	24	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	4	4	3	3	3	2	2

Photometric Report

WELL Panel: Standard Optics, Warm white Only

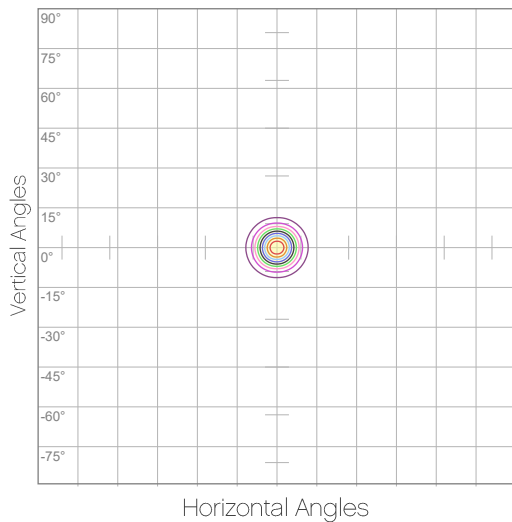
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.7°
Cutoff Angle (3%): 37.7°

— Horizontal Distribution
— Vertical Distribution

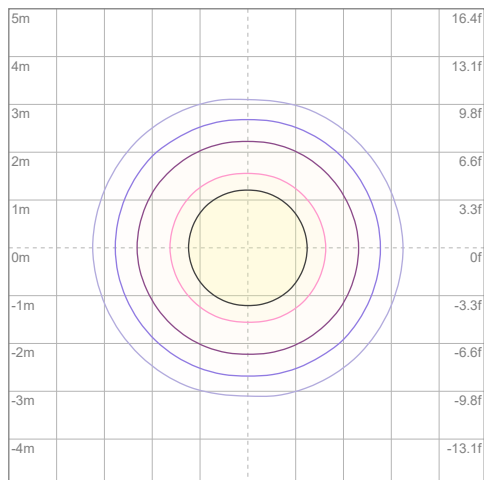
Polar Diagrams



iso-candela Diagram

10%	932 cd
20%	1863 cd
30%	2795 cd
40%	3727 cd
50%	4659 cd
60%	5590 cd
70%	6522 cd
80%	7454 cd
90%	8386 cd

Conditions:
Number of c-planes: 8
Candela at center: 9317 cd



iso-illuminance Diagram

3%	2.80 lx
5%	4.66 lx
10%	9.32 lx
30%	28.0 lx
50%	46.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 93.2 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, Warm white Only

Report Summary

Output

Total Lumens: 778 lm
Peak Intensity: 9320 cd
Illuminance @ 5m: 373 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 26.1°
Vertical Field Angle (10%): 25.1°
Horizontal Cutoff Angle (3%): 37.7°
Vertical Cutoff Angle (3%): 37.2°



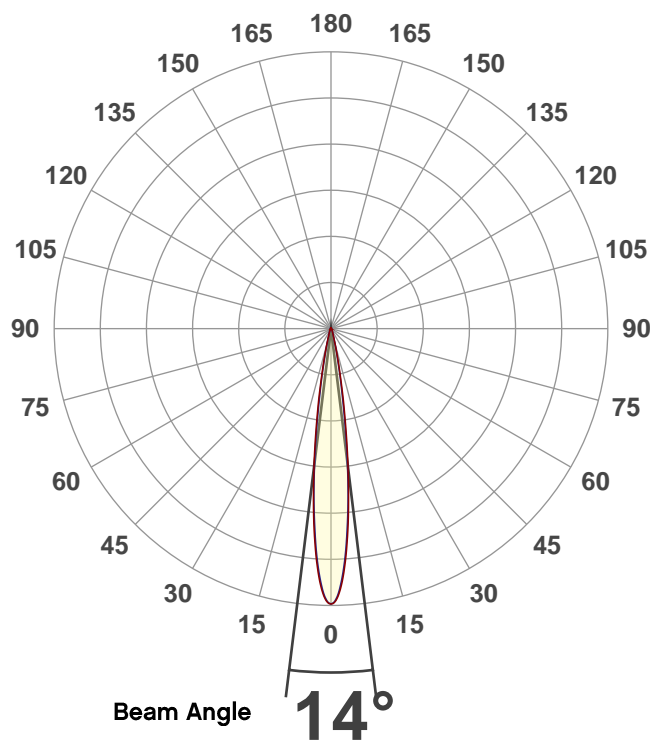
Conditions

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

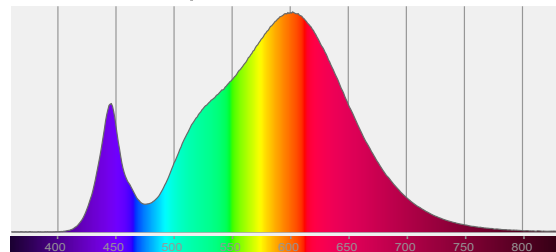
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Overall Measurement

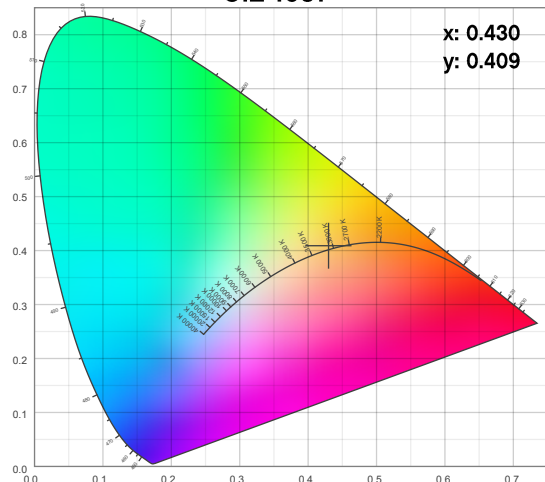
Angular Beam Distribution



Spectral Distribution



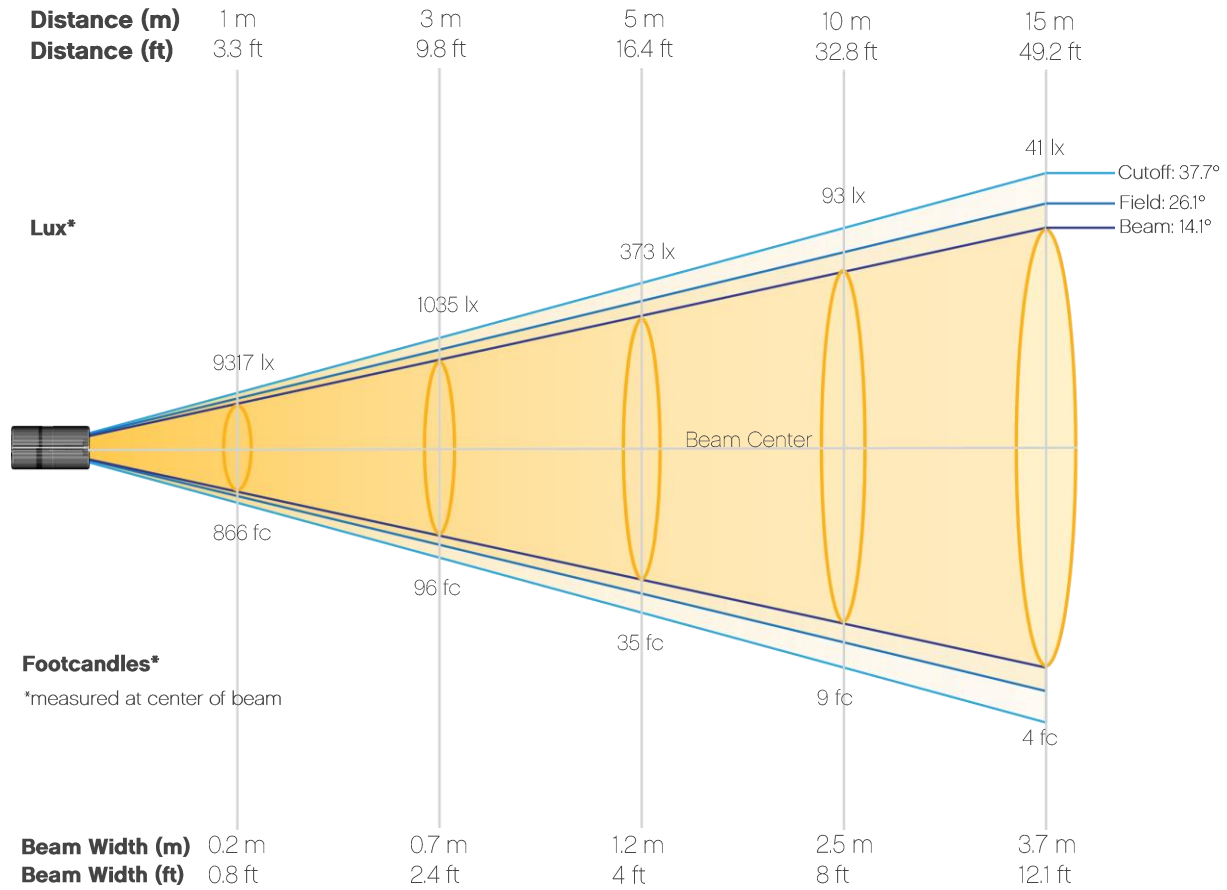
CIE 1931



Photometric Report

WELL Panel: Standard Optics, Warm white Only

Beam Details



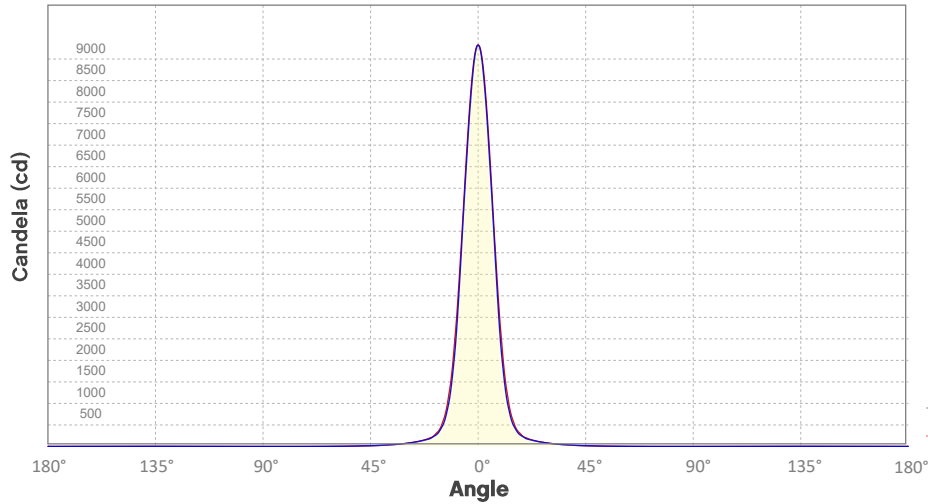
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9317	2329	1035	582	373	259	190	146	115	93
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	77	65	55	48	41	36	32	29	26	23
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	866	216	96	54	35	24	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	4	4	3	3	3	2	2

Photometric Report

WELL Panel: Standard Optics, Warm white Only

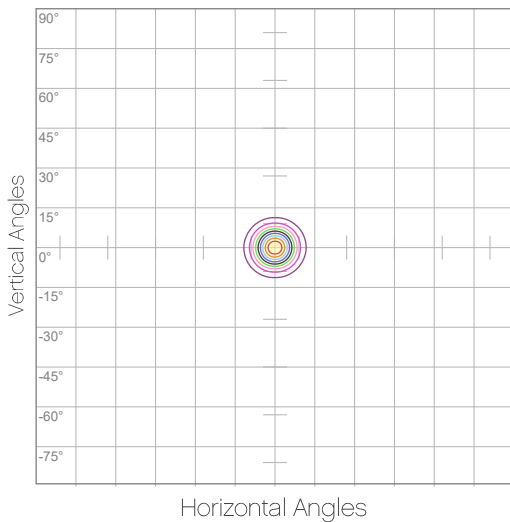
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.7°
Cutoff Angle (3%): 37.7°

— Horizontal Distribution
— Vertical Distribution

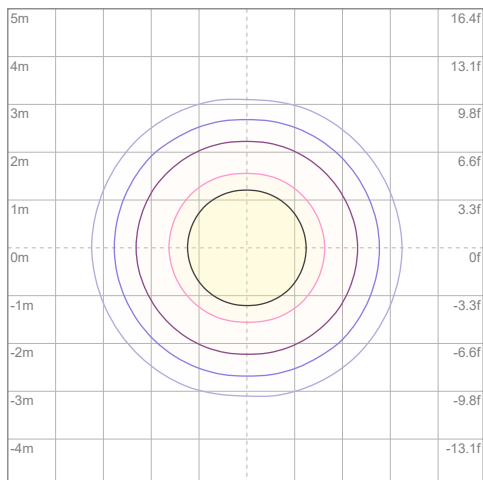
Polar Diagrams



iso-candela Diagram

10%	932 cd
20%	1863 cd
30%	2795 cd
40%	3727 cd
50%	4659 cd
60%	5590 cd
70%	6522 cd
80%	7454 cd
90%	8386 cd

Conditions:
Number of c-planes: 8
Candela at center: 9317 cd



iso-illuminance Diagram

3%	2.80 lx
5%	4.66 lx
10%	9.32 lx
30%	28.0 lx
50%	46.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 93.2 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, 3200K

Report Summary

Output

Total Lumens: 2432 lm
Peak Intensity: 29563 cd
Illuminance @ 5m: 1181 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 26.1°
Vertical Field Angle (10%): 24.9°
Horizontal Cutoff Angle (3%): 37.9°
Vertical Cutoff Angle (3%): 36.5°



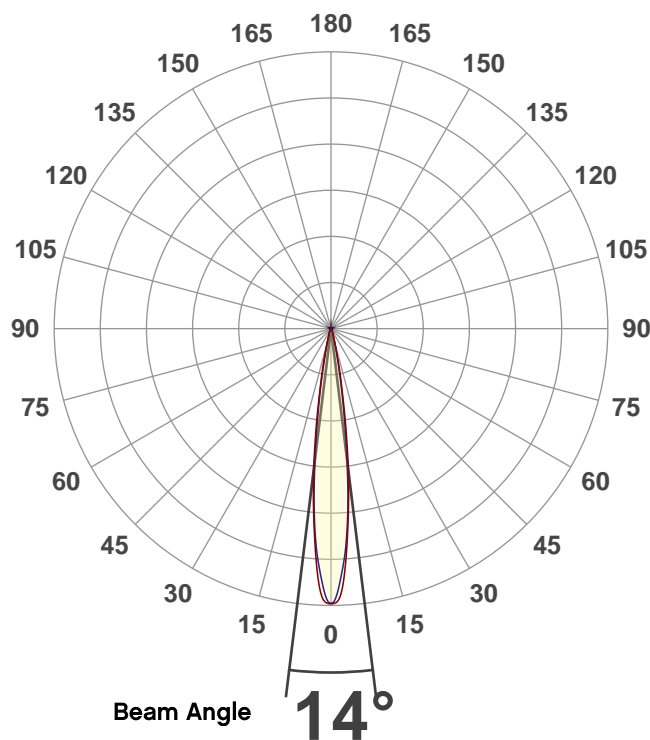
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

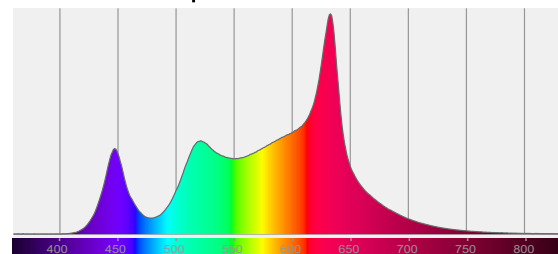
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Overall Measurement

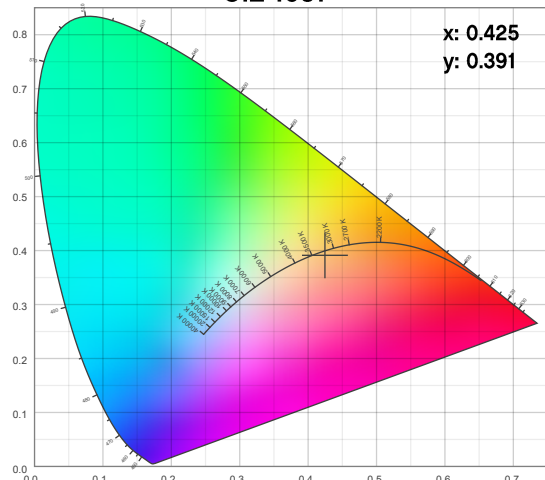
Angular Beam Distribution



Spectral Distribution



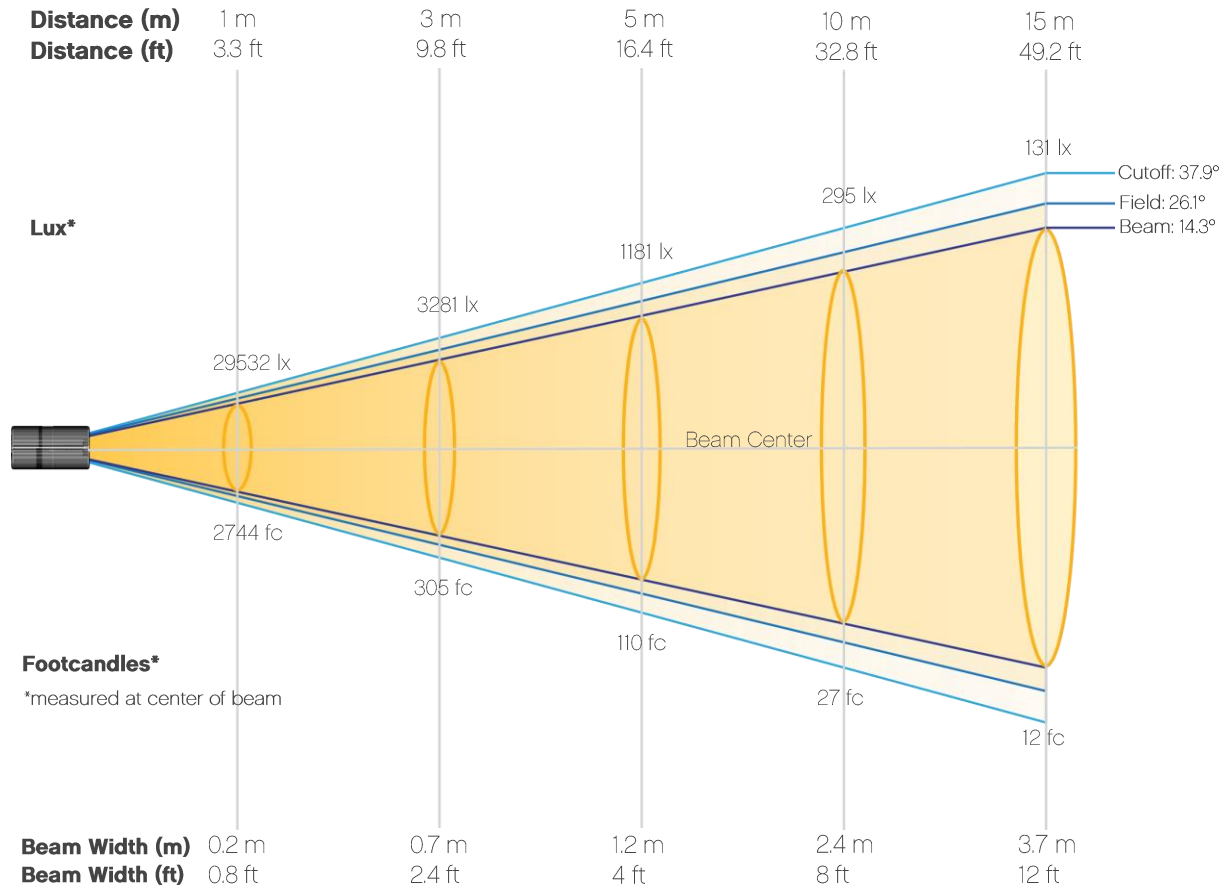
CIE 1931



Photometric Report

WELL Panel: Standard Optics, 3200K

Beam Details



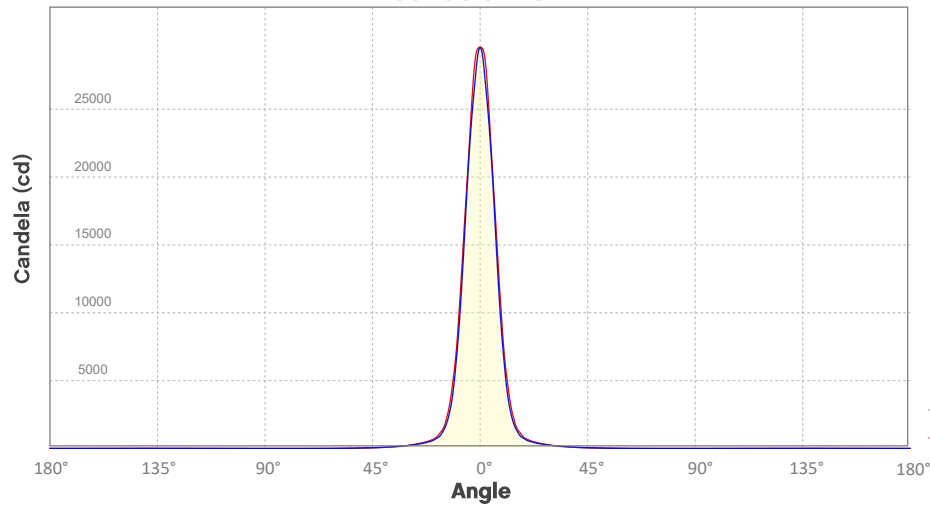
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	29532	7383	3281	1846	1181	820	603	461	365	295
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	244	205	175	151	131	115	102	91	82	74
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2744	686	305	171	110	76	56	43	34	27
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	19	16	14	12	11	9	8	8	7

Photometric Report

WELL Panel: Standard Optics, 3200K

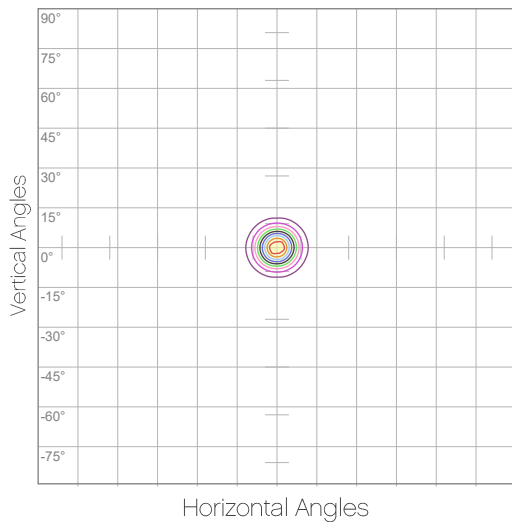
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 37.4°

— Horizontal Distribution
— Vertical Distribution

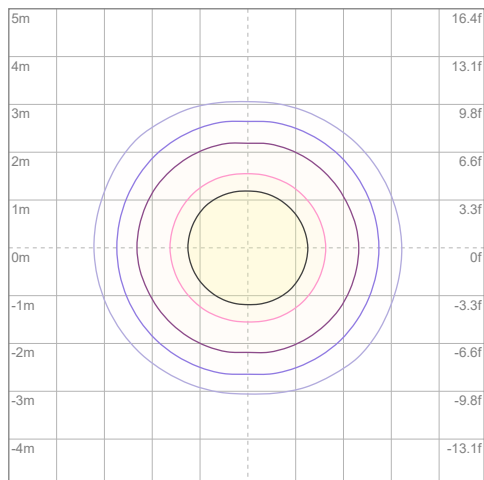
Polar Diagrams



iso-candela Diagram

10%	2953 cd
20%	5906 cd
30%	8860 cd
40%	11813 cd
50%	14766 cd
60%	17719 cd
70%	20673 cd
80%	23626 cd
90%	26579 cd

Conditions:
Number of c-planes: 8
Candela at center: 29532 cd



iso-illuminance Diagram

3%	8.86 lx
5%	14.8 lx
10%	29.5 lx
30%	88.6 lx
50%	148 lx

Conditions:
Number of c-planes: 8
Lux at center: 295 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, 4000K

Report Summary

Output

Total Lumens: 2730 lm
Peak Intensity: 33142 cd
Illuminance @ 5m: 1325 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 26°
Vertical Field Angle (10%): 25°
Horizontal Cutoff Angle (3%): 37.6°
Vertical Cutoff Angle (3%): 36.6°



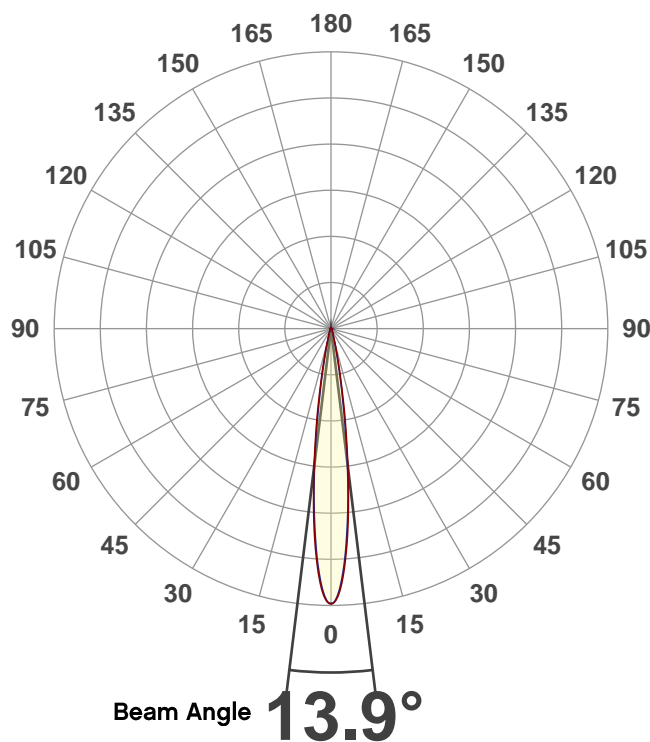
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

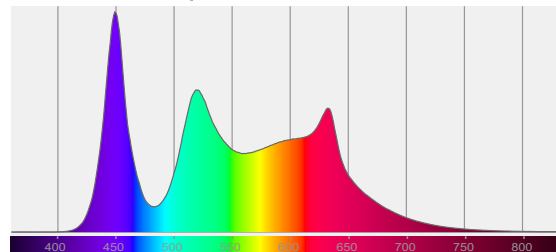
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Overall Measurement

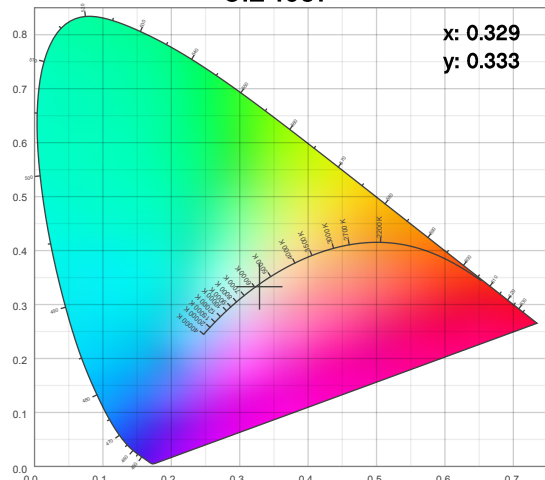
Angular Beam Distribution



Spectral Distribution



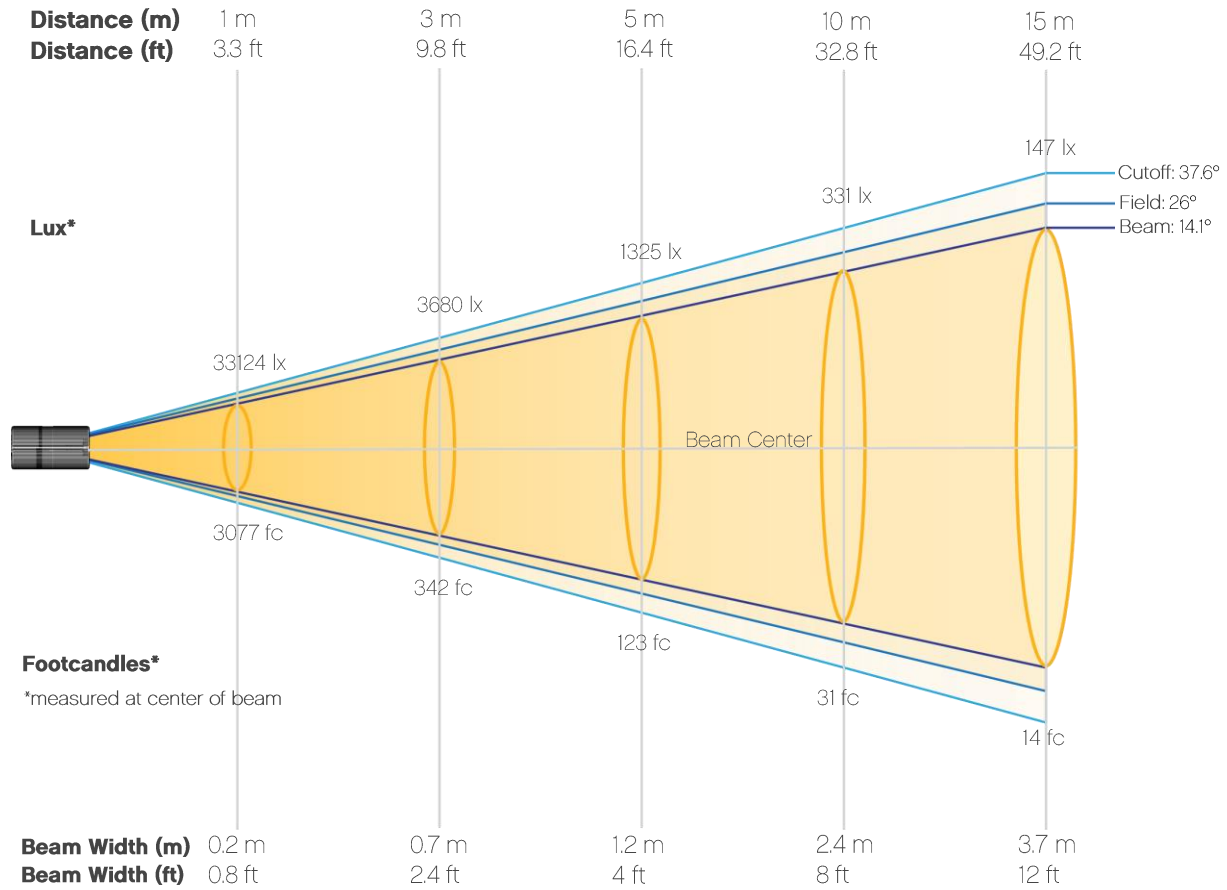
CIE 1931



Photometric Report

WELL Panel: Standard Optics, 4000K

Beam Details



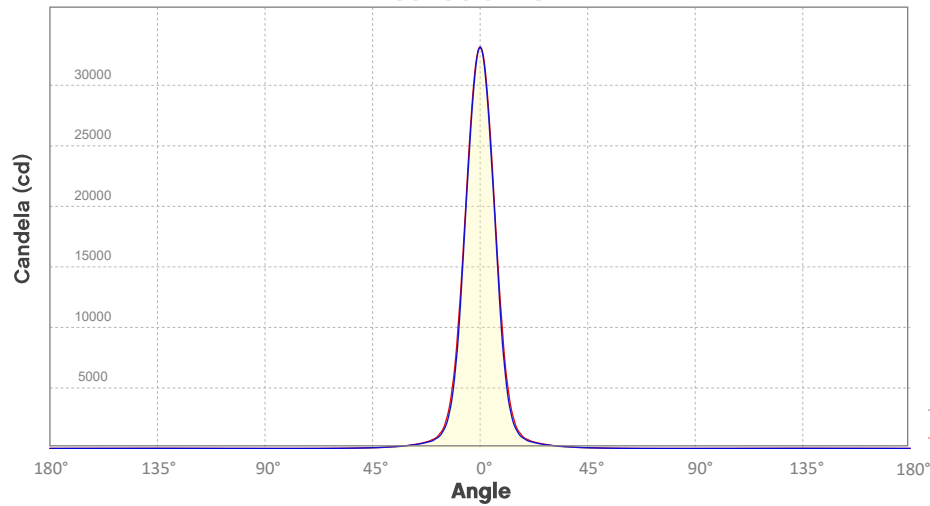
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33124	8281	3680	2070	1325	920	676	518	409	331
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	274	230	196	169	147	129	115	102	92	83
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3077	769	342	192	123	85	63	48	38	31
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	25	21	18	16	14	12	11	9	9	8

Photometric Report

WELL Panel: Standard Optics, 4000K

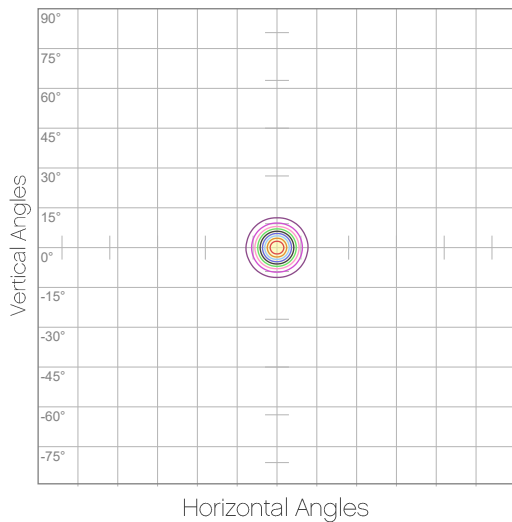
Candela Plot



Beam Angle (50%): 13.9°
Field Angle (10%): 25.5°
Cutoff Angle (3%): 37.3°

— Horizontal Distribution
— Vertical Distribution

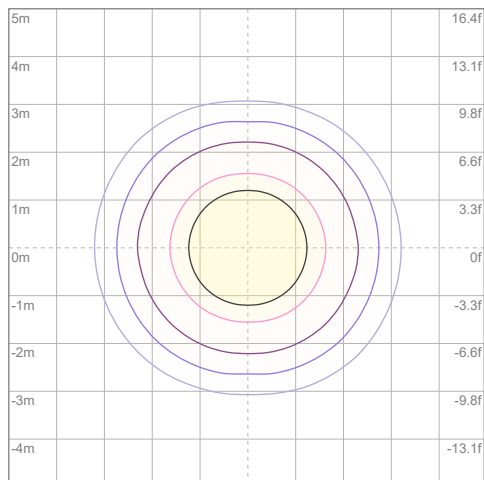
Polar Diagrams



iso-candela Diagram

10%	3312 cd
20%	6625 cd
30%	9937 cd
40%	13249 cd
50%	16562 cd
60%	19874 cd
70%	23186 cd
80%	26499 cd
90%	29811 cd

Conditions:
Number of c-planes: 8
Candela at center: 33124 cd



iso-illuminance Diagram

3%	9.94 lx
5%	16.6 lx
10%	33.1 lx
30%	99.4 lx
50%	166 lx

Conditions:
Number of c-planes: 8
Lux at center: 331 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

WELL Panel: Standard Optics, 5600K

Report Summary

Output

Total Lumens: 2730 lm
Peak Intensity: 33142 cd
Illuminance @ 5m: 1325 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 13.7°
Horizontal Field Angle (10%): 26°
Vertical Field Angle (10%): 25°
Horizontal Cutoff Angle (3%): 37.6°
Vertical Cutoff Angle (3%): 36.6°



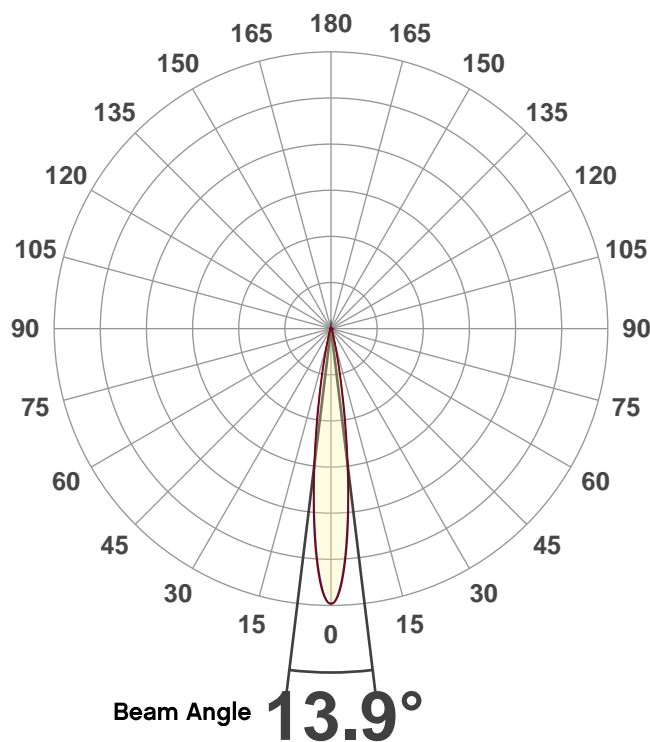
Conditions

AC Supply: 123 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

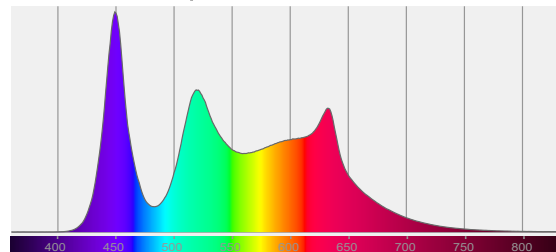
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 10/26/2020 to LM-63-2002 Standards.

Overall Measurement

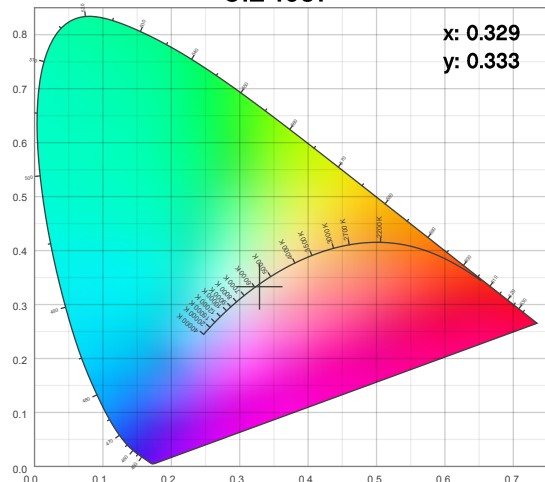
Angular Beam Distribution



Spectral Distribution



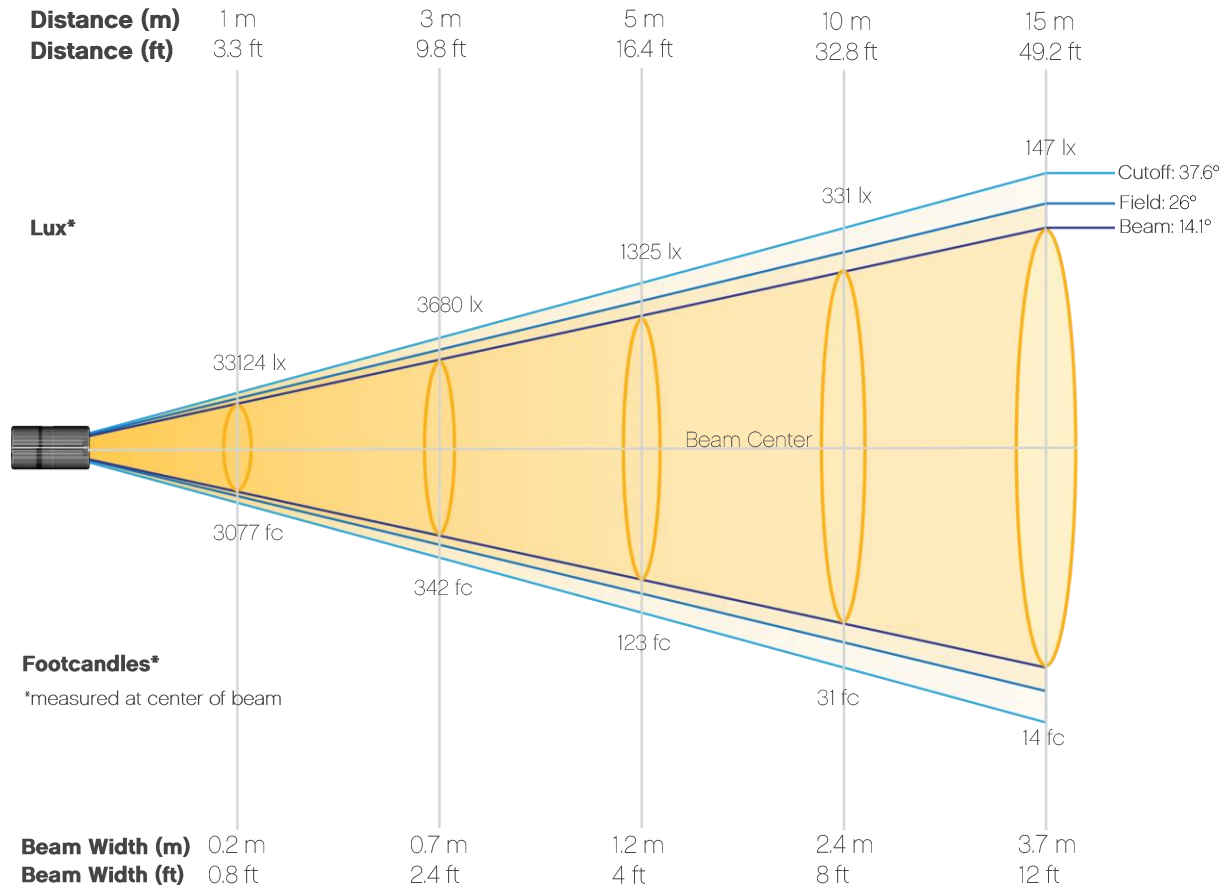
CIE 1931



Photometric Report

WELL Panel: Standard Optics, 5600K

Beam Details



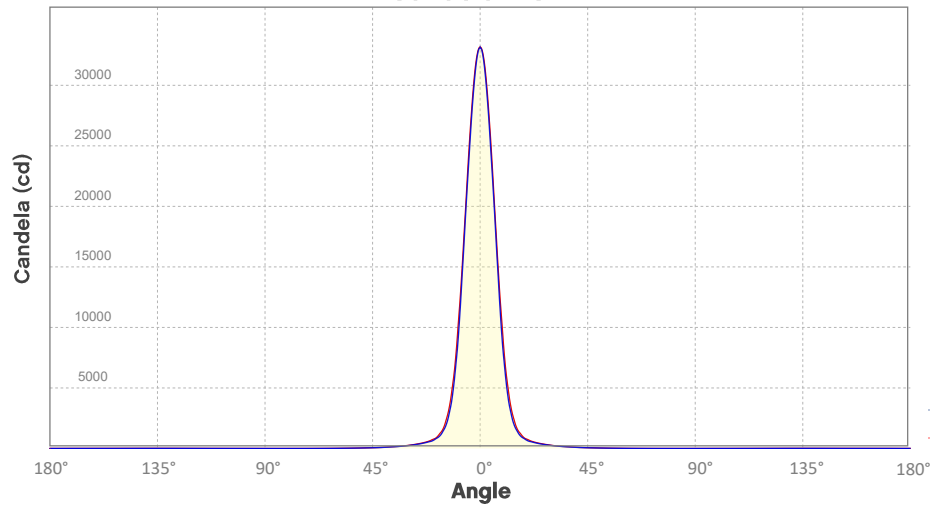
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33124	8281	3680	2070	1325	920	676	518	409	331
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	274	230	196	169	147	129	115	102	92	83
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3077	769	342	192	123	85	63	48	38	31
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	25	21	18	16	14	12	11	9	9	8

Photometric Report

WELL Panel: Standard Optics, 5600K

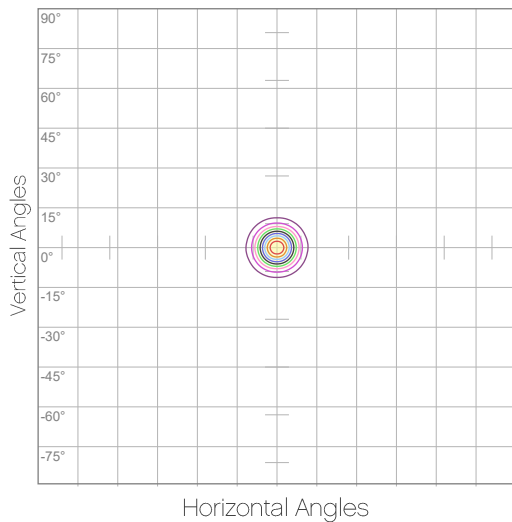
Candela Plot



Beam Angle (50%): 13.9°
 Field Angle (10%): 25.5°
 Cutoff Angle (3%): 37.3°

— Horizontal Distribution
 — Vertical Distribution

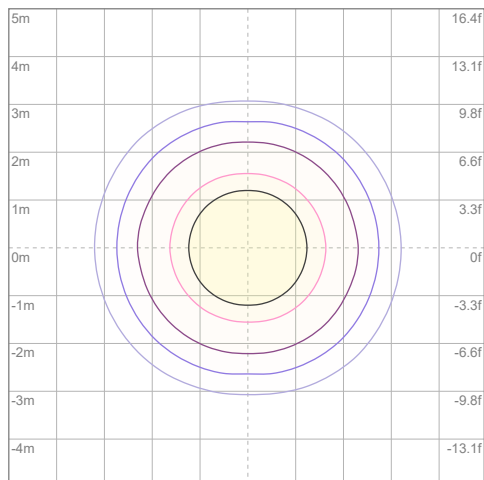
Polar Diagrams



iso-candela Diagram

10%	3312 cd
20%	6625 cd
30%	9937 cd
40%	13249 cd
50%	16562 cd
60%	19874 cd
70%	23186 cd
80%	26499 cd
90%	29811 cd

Conditions:
 Number of c-planes: 8
 Candela at center: 33124 cd



iso-illuminance Diagram

3%	9.94 lx
5%	16.6 lx
10%	33.1 lx
30%	99.4 lx
50%	166 lx

Conditions:
 Number of c-planes: 8
 Lux at center: 331 lx

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

Mounting height: 10 meters / 33 feet

Chromaticity Report

WELL Panel: RGBW

Report Summary

Measurements

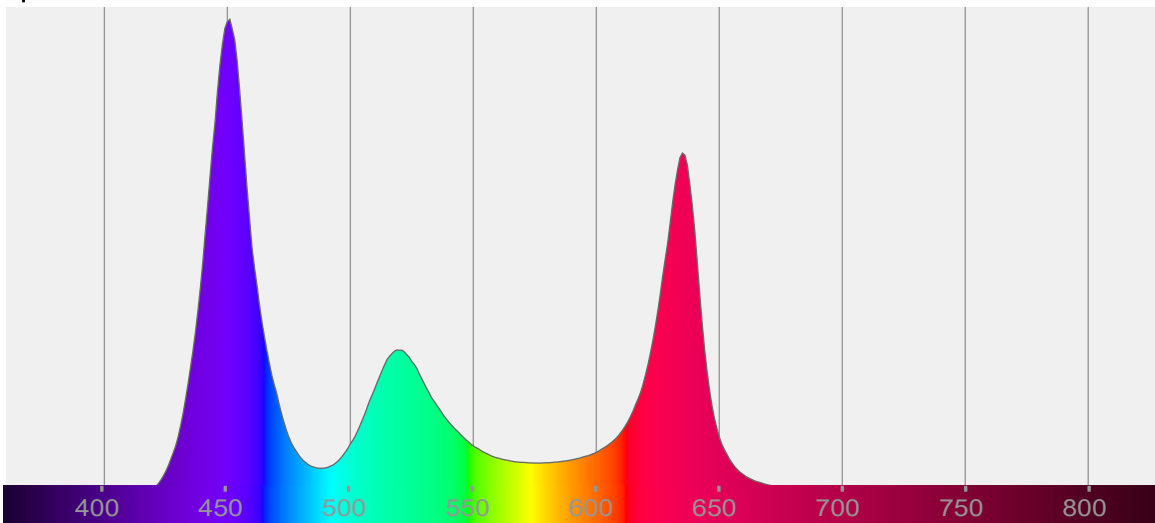
Total Lumens: 5773 lm
Peak Intensity: 70821 cd
Fixture Efficacy: 29 lm/W

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: 635 nm



Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.280 Y: 0.214

Color Temperature

0 K

Light Quality

CRI: 0.0

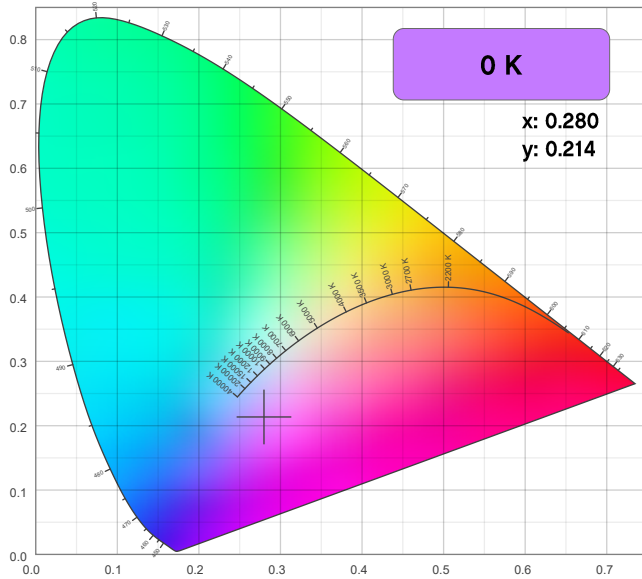
Notes:

Chromaticity Report

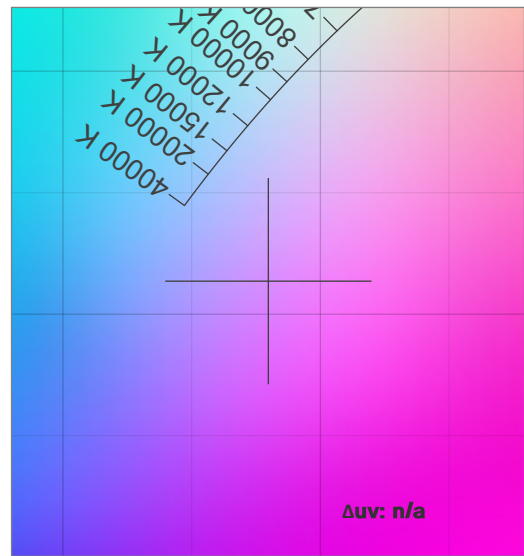
WELL Panel: RGBW

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.280	0.214

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.214	0.224

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

Chromaticity Report

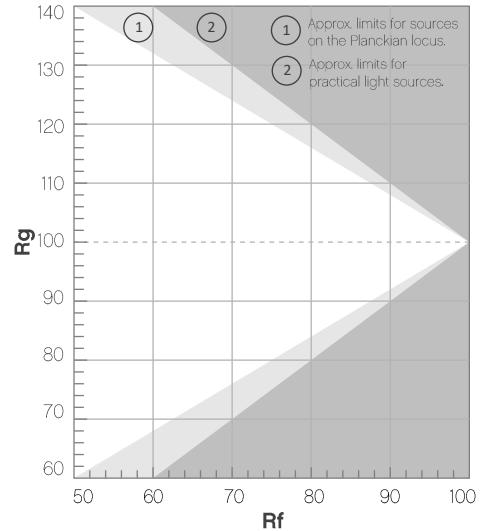
WELL Panel: RGBW

TM-30-18 Details

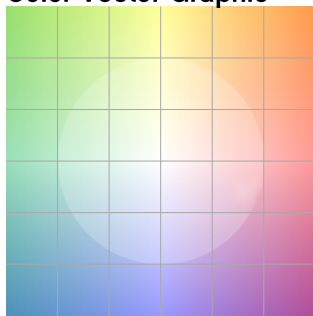
Rf 0.0
Fidelity Index (Rg)

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



R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: RGBW

Report Summary

Measurements

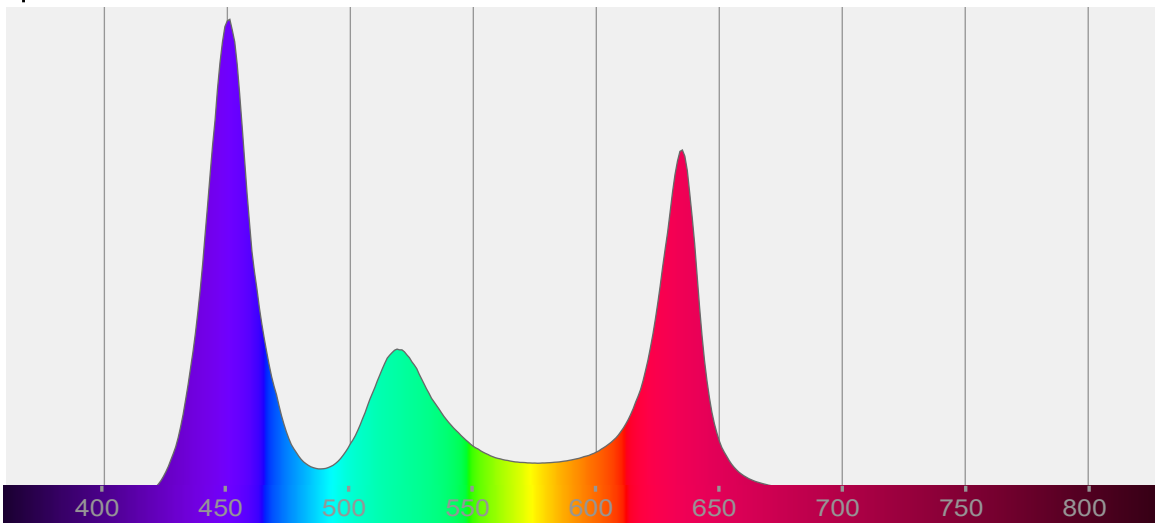
Total Lumens: 4823 lm
Peak Intensity: 59106 cd
Fixture Efficacy: ffi lm/W

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: 635 nM



Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.281 Y: 0.214

Color Temperature

0 K

Light Quality

CRI: 0.0

Notes:

Chromaticity Report

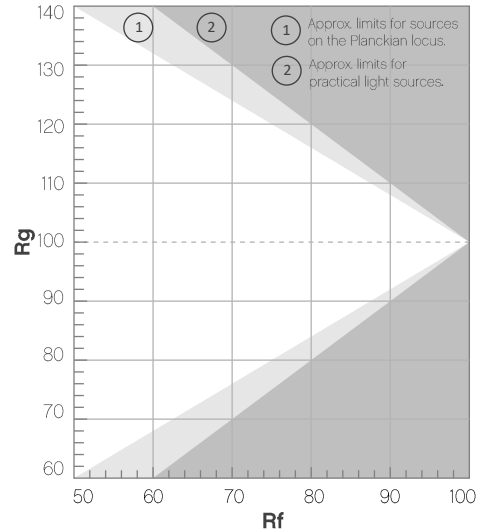
WELL Panel: RGBW

TM-30-18 Details

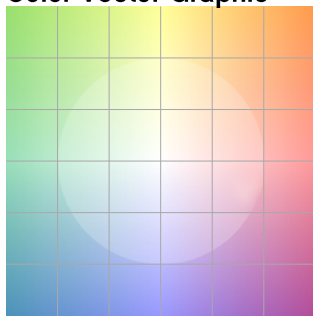
Rf 0.0
Fidelity Index (Rg)

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



R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: RGBW

Report Summary

Measurements

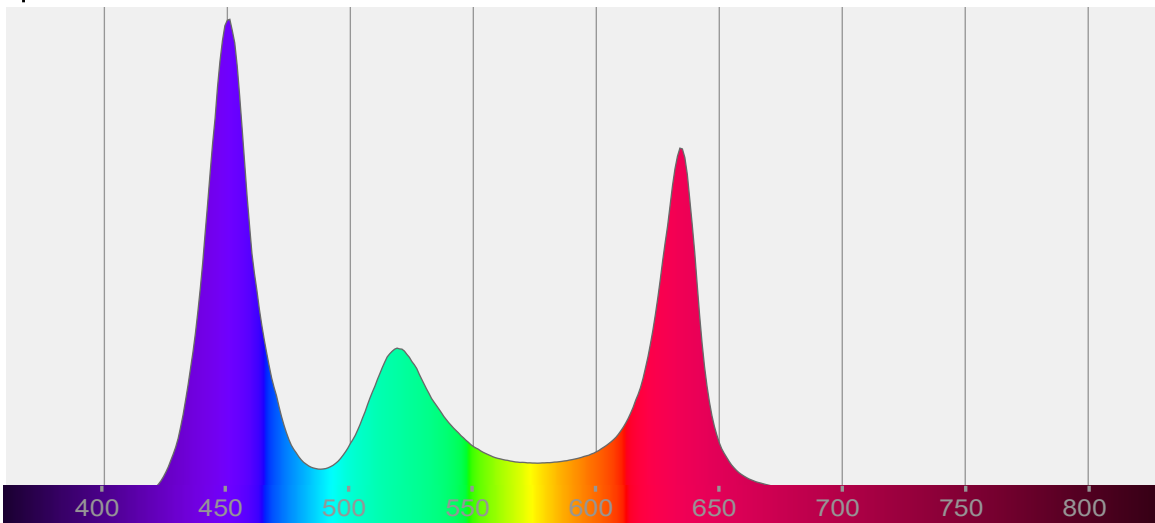
Total Lumens: 2905 lm
Peak Intensity: 35797 cd
Fixture Efficacy: ffl lm/W

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: 634 nM



Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.282 Y: 0.215

Color Temperature

0 K

Light Quality

CRI: 0.0

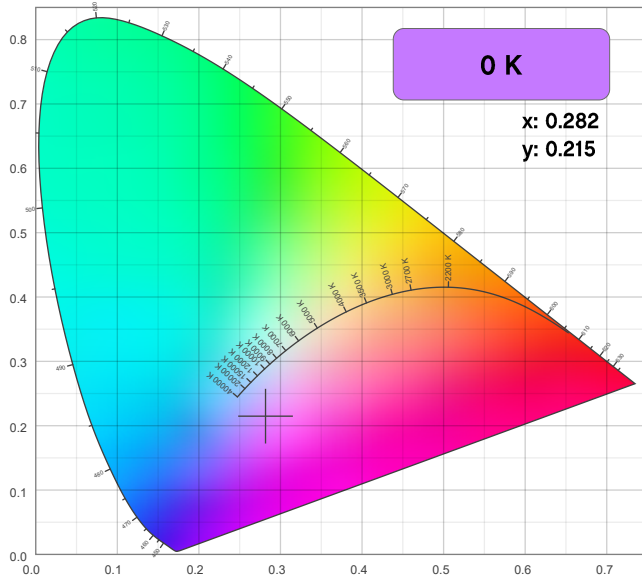
Notes:

Chromaticity Report

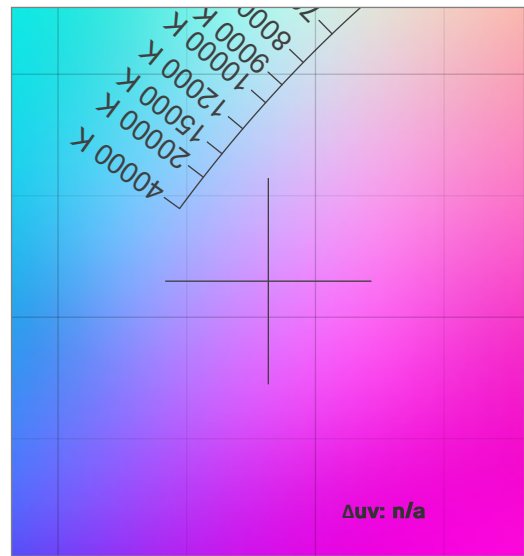
WELL Panel: RGBW

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.282	0.215

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.215	0.225

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

Chromaticity Report

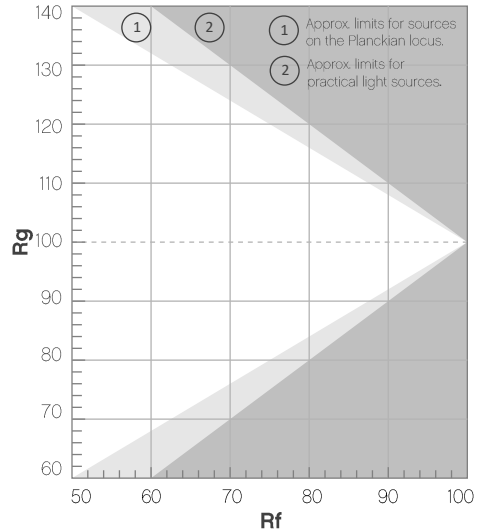
WELL Panel: RGBW

TM-30-18 Details

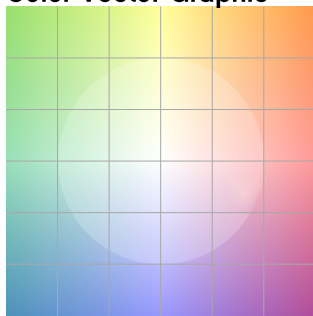
Rf 0.0
Fidelity Index (Rg)

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



R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: RGBW

Report Summary

Measurements

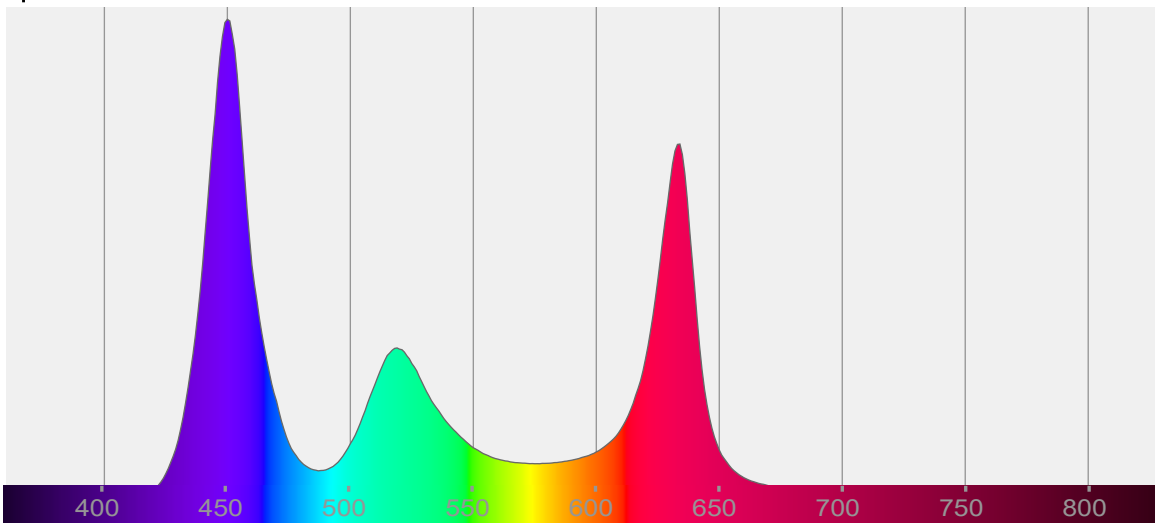
Total Lumens: 1843 lm
Peak Intensity: 22475 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 38346K
 Δuv : n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: 31
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 450 nm
2nd Dominant Wavelength: 634 nm



Spectral Distribution



Tested Color

38346 K
CIE 1931 Coordinates:
X: 0.284 Y: 0.216

Color Temperature

38346 K

Light Quality

CRI: 0.0

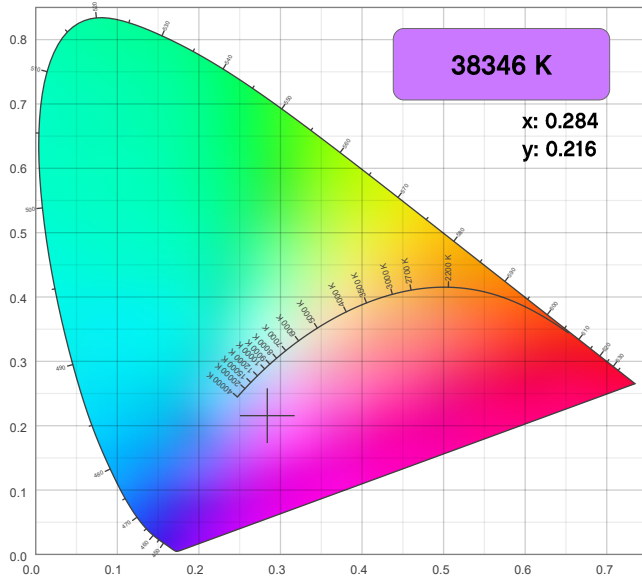
Notes:

Chromaticity Report

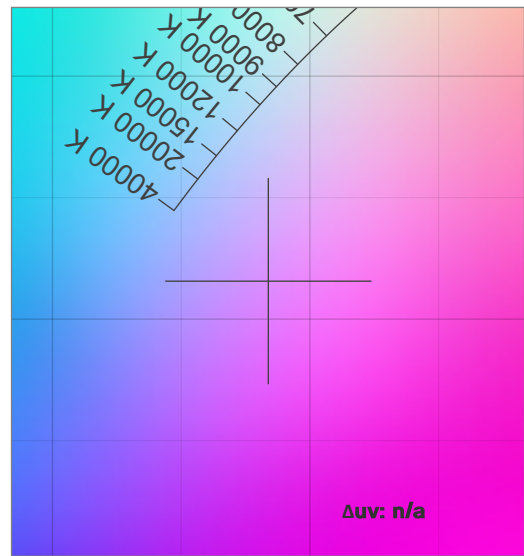
WELL Panel: RGBW

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
38346 K	0.284	0.216

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.216	0.000

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
31	0.0	0.0

Chromaticity Report

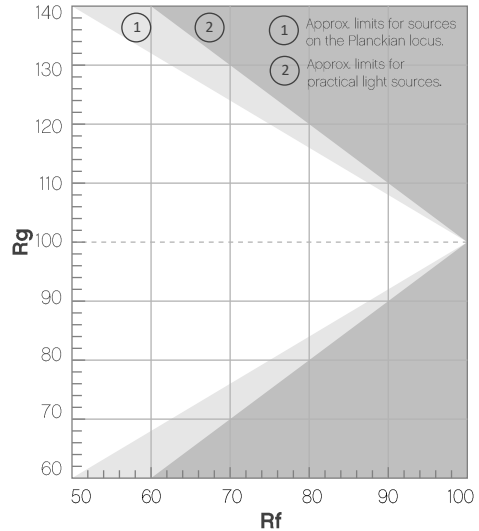
WELL Panel: RGBW

TM-30-18 Details

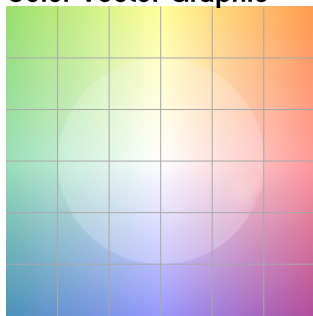
Rf 0.0
Fidelity Index (R_f)

Rg 0.0
Gamut Index (R_g)

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



R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: Warm white Only

Report Summary

Measurements

Total Lumens: 778 lm

Peak Intensity: 9320 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 3166K

Δuv : 0.0030

CRI: 79.7 CRI R9 Value: 1.4

CQS: 79.9

TLCI: 62

TM-30-18 Rf: 79.7

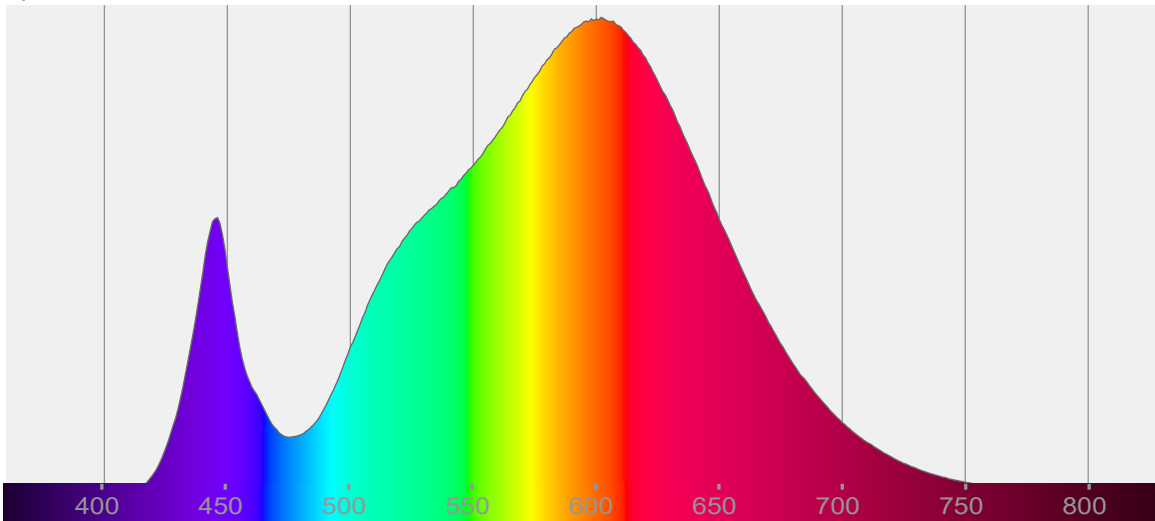
TM-30-18 Rg: 97.7

1st Dominant Wavelength: 602 nm

2nd Dominant Wavelength: 446 nm



Spectral Distribution



Tested Color

3166 K

CIE 1931 Coordinates:

X: 0.430 Y: 0.409

Color Temperature

3166 K

Light Quality

CRI: 79.7

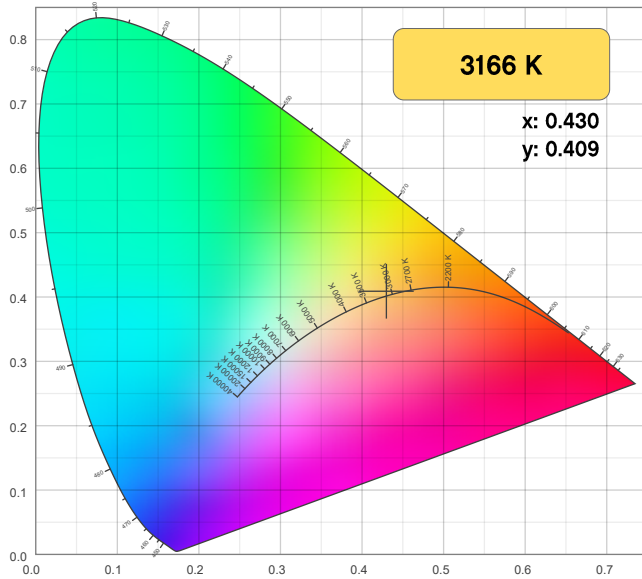
Notes:

Chromaticity Report

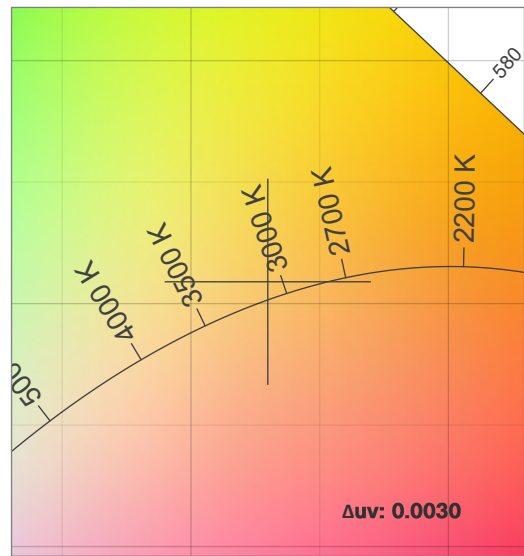
WELL Panel: Warm white Only

Chromaticity

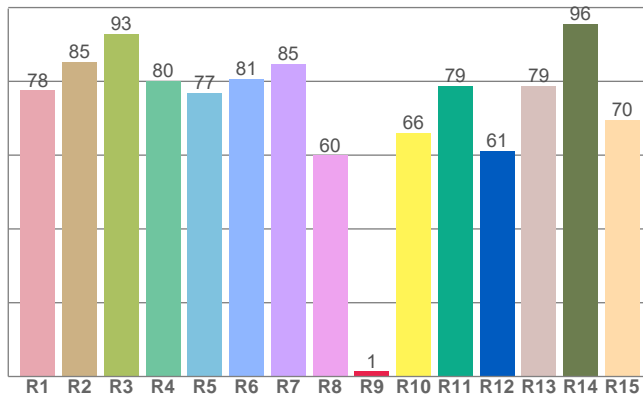
CIE 1931



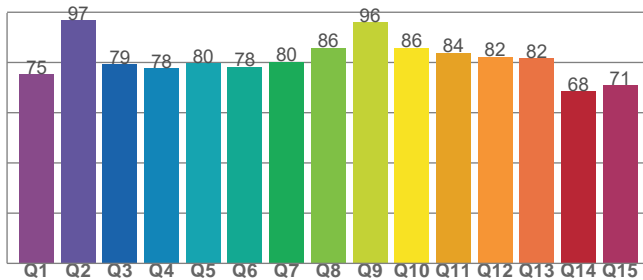
CIE 1931 - Zoom



CRI: 79.7 (R1-R8)



CQS: 79.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3166 K	0.430	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0030	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.7	14	79.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.7	97.7

Chromaticity Report

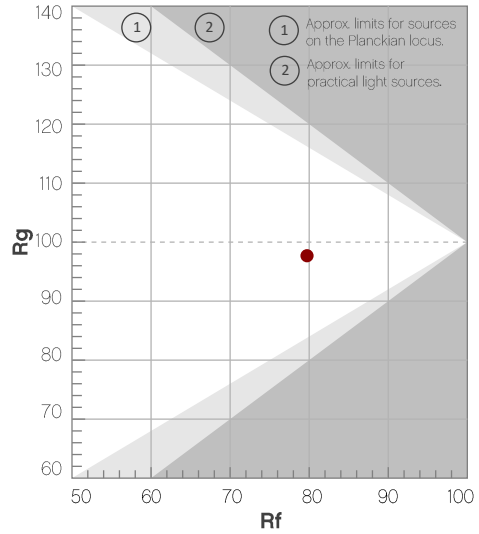
WELL Panel: Warm white Only

TM-30-18 Details

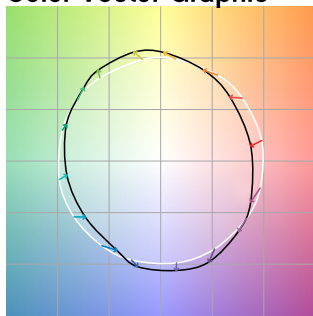
Rf 79.7
Fidelity Index (R_f)

Rg 97.7
Gamut Index (R_g)

Hue Bin	R _f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-9%	7%
3	70	-3%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	2%	-12%
8	88	-3%	-6%
9	85	-8%	-3%
10	78	-9%	6%
11	74	-4%	14%
12	84	5%	7%
13	87	7%	-2%
14	81	7%	-11%
15	75	1%	-14%
16	78	-6%	-15%



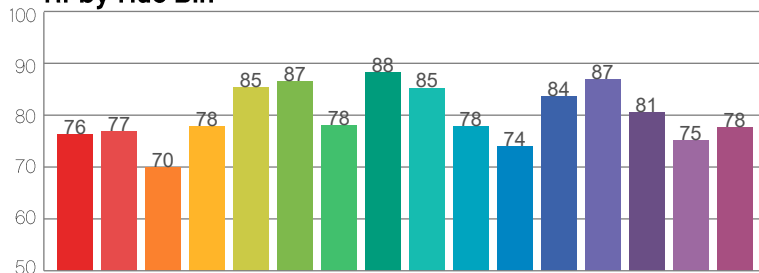
Color Vector Graphic



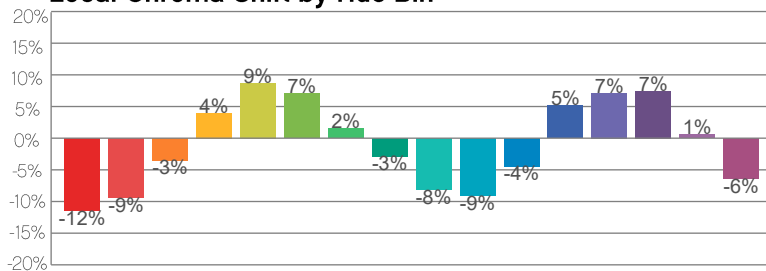
Color Distortion Graphic



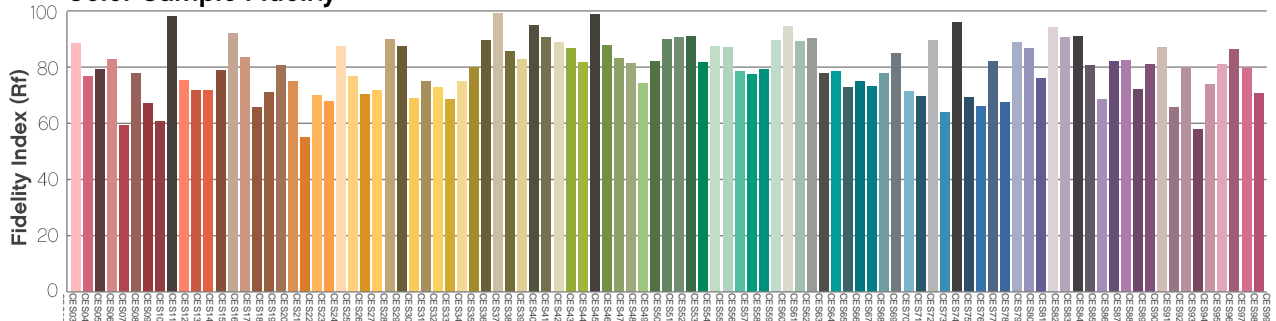
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: Warm white Only

Report Summary

Measurements

Total Lumens: 778 lm

Peak Intensity: 9320 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 3166K

Δuv : 0.0030

CRI: 79.7 CRI R9 Value: 1.4

CQS: 79.9

TLCI: 62

TM-30-18 Rf: 79.7

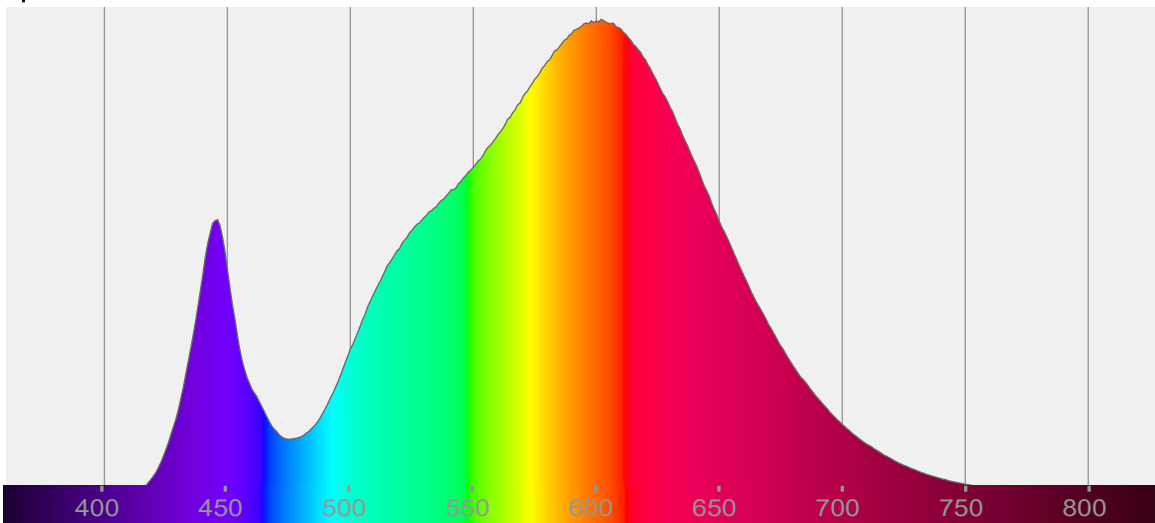
TM-30-18 Rg: 97.7

1st Dominant Wavelength: 602 nm

2nd Dominant Wavelength: 446 nm



Spectral Distribution



Tested Color

3166 K

CIE 1931 Coordinates:

X: 0.430 Y: 0.409

Color Temperature

3166 K

Light Quality

CRI: 79.7

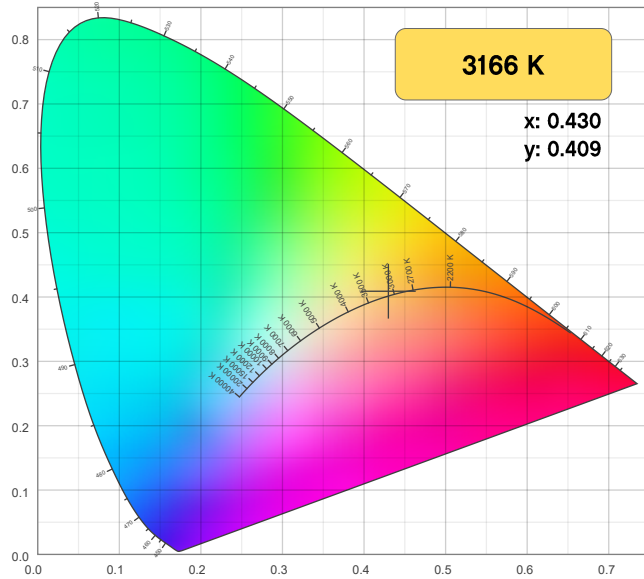
Notes:

Chromaticity Report

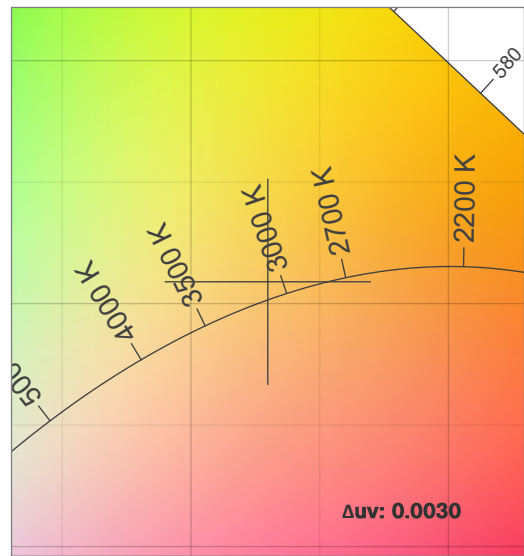
WELL Panel: Warm white Only

Chromaticity

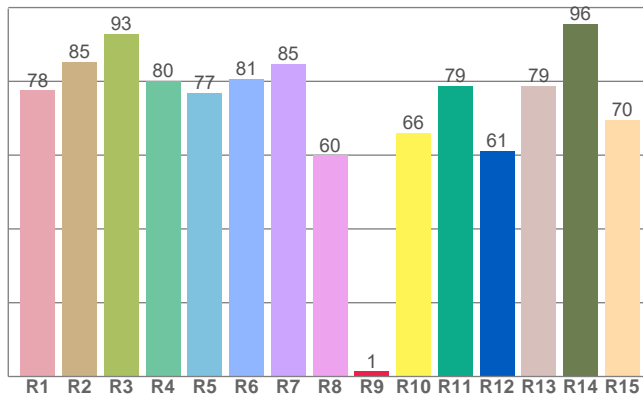
CIE 1931



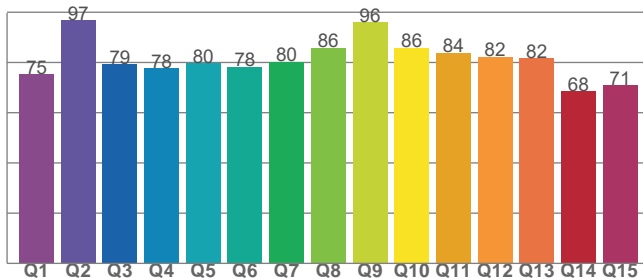
CIE 1931 - Zoom



CRI: 79.7 (R1-R8)



CQS: 79.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3166 K	0.430	0.409

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{uv}	y	u
0.0030	0.409	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.7	14	79.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
62	79.7	97.7

Chromaticity Report

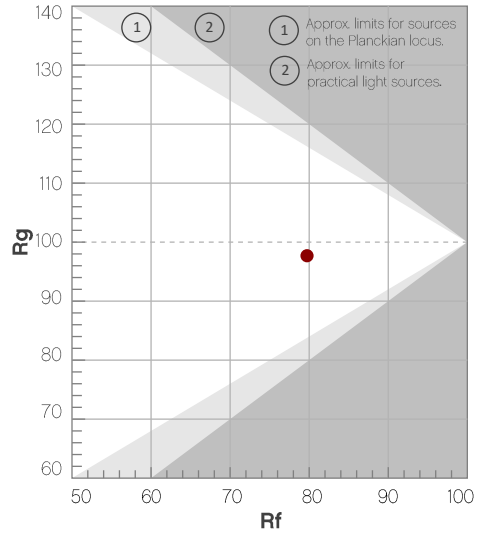
WELL Panel: Warm white Only

TM-30-18 Details

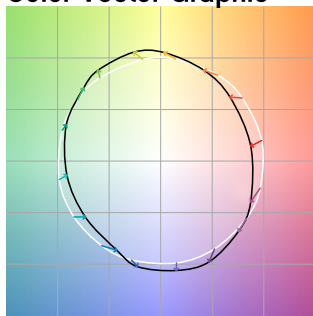
Rf 79.7
Fidelity Index (R_f)

Rg 97.7
Gamut Index (R_g)

Hue Bin	R _f	Chroma Shift	Hue Shift
1	76	-12%	-3%
2	77	-9%	7%
3	70	-3%	14%
4	78	4%	12%
5	85	9%	7%
6	87	7%	-3%
7	78	2%	-12%
8	88	-3%	-6%
9	85	-8%	-3%
10	78	-9%	6%
11	74	-4%	14%
12	84	5%	7%
13	87	7%	-2%
14	81	7%	-11%
15	75	1%	-14%
16	78	-6%	-15%



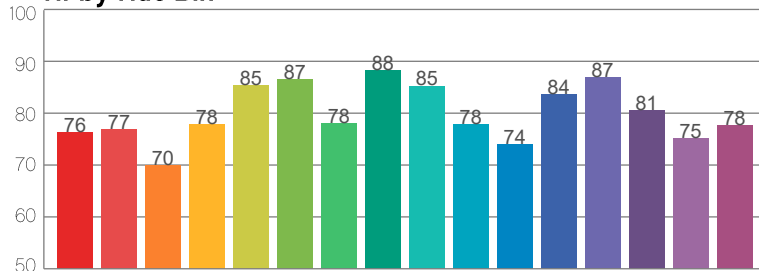
Color Vector Graphic



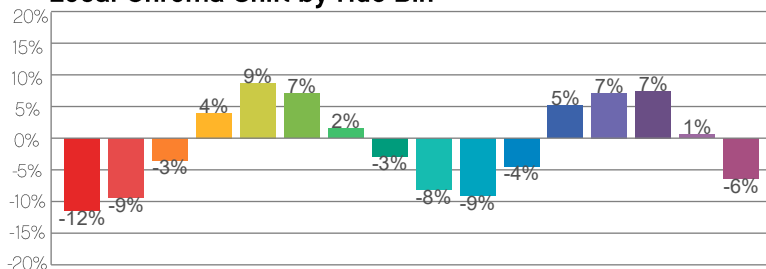
Color Distortion Graphic



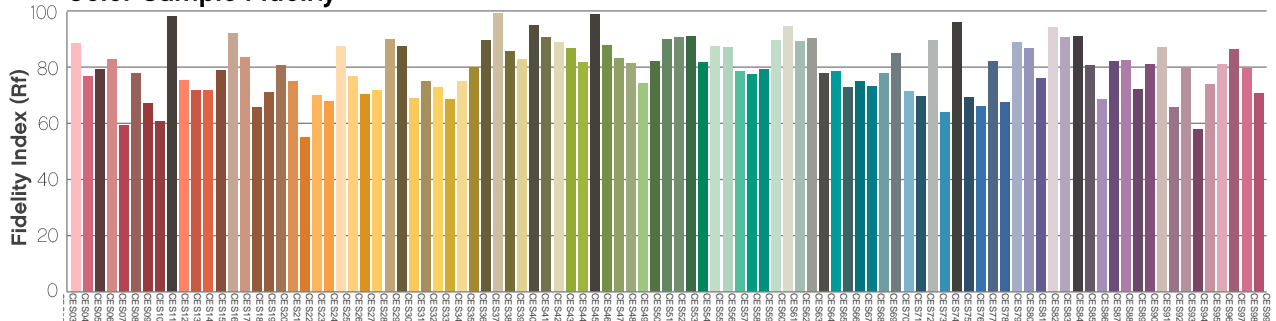
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: 3200K

Report Summary

Measurements

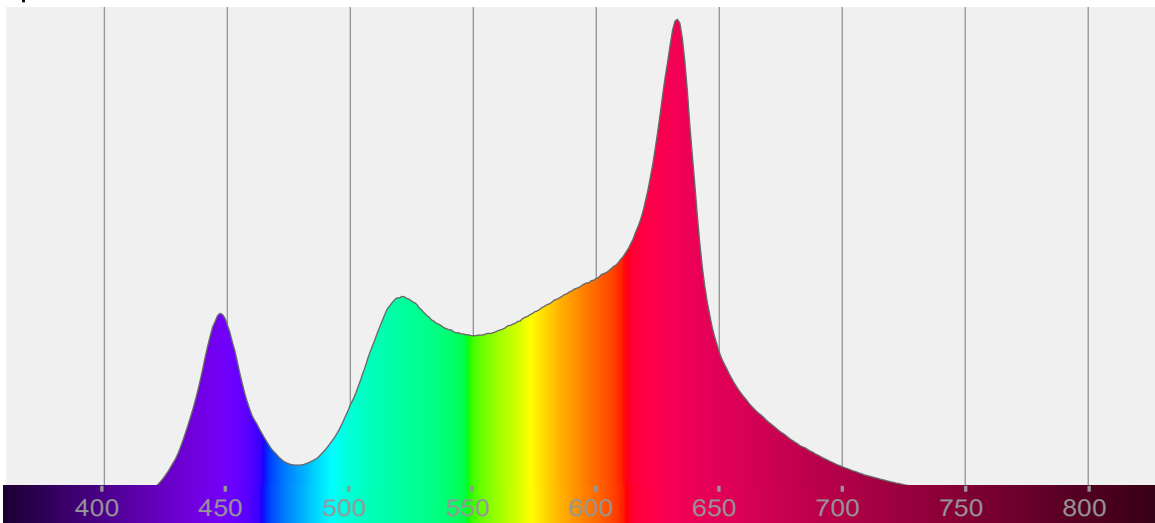
Total Lumens: 2432 lm
Peak Intensity: 29563 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 3116K
 Δuv : -0.0034

CRI: 92.4 CRI R9 Value: 94.4
CQS: 90.7
TLCI: 75
TM-30-18 Rf: 88.4
TM-30-18 Rg: 109.0
1st Dominant Wavelength: 633 nm
2nd Dominant Wavelength: 521 nm



Spectral Distribution



Tested Color

3116 K
CIE 1931 Coordinates:
X: 0.425 Y: 0.391

Color Temperature

3116 K

Light Quality

CRI: 92.4

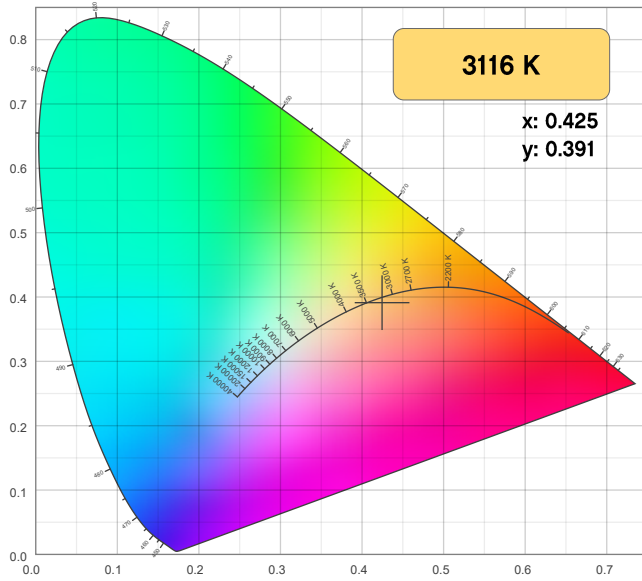
Notes:

Chromaticity Report

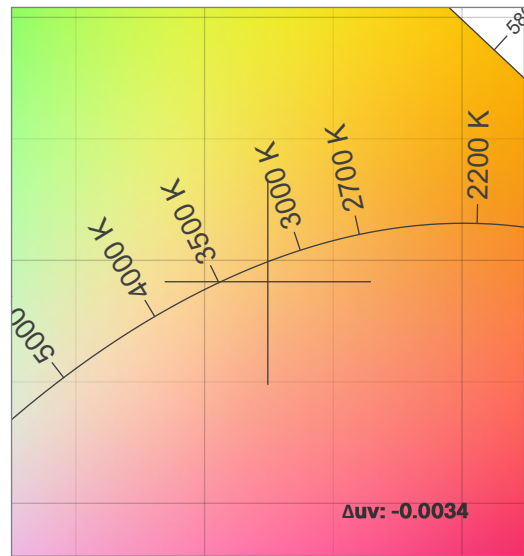
WELL Panel: 3200K

Chromaticity

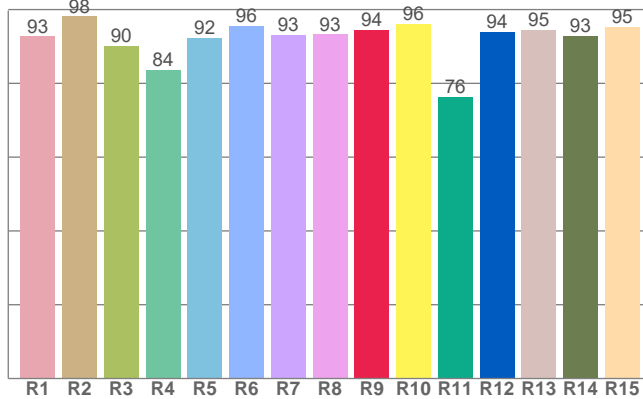
CIE 1931



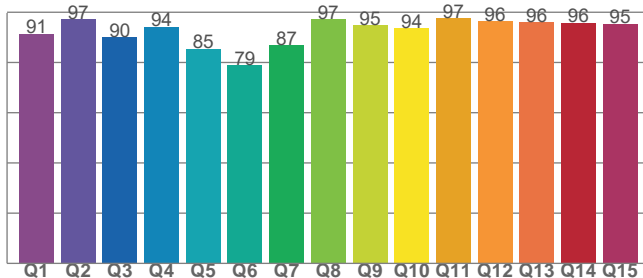
CIE 1931 - Zoom



CRI: 92.4 (R1-R8)



CQS: 90.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3116 K	0.425	0.391

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0034	0.391	0.248

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.4	94.4	90.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
75	88.4	109.0

Chromaticity Report

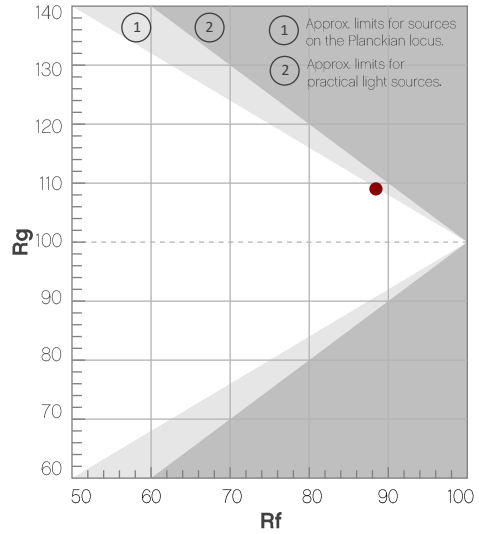
WELL Panel: 3200K

TM-30-18 Details

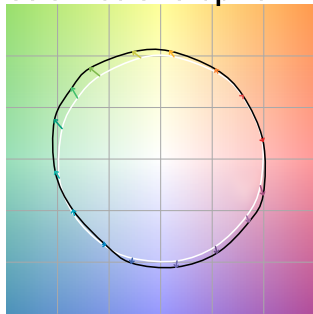
Rf 88.4
Fidelity Index (R_f)

Rg 109.0
Gamut Index (R_g)

Hue Bin	R _f	Chroma Shift	Hue Shift
1	92	1%	-3%
2	94	1%	0%
3	90	2%	4%
4	88	5%	5%
5	87	7%	6%
6	80	11%	4%
7	81	10%	-5%
8	81	9%	-7%
9	88	3%	-7%
10	90	-2%	-5%
11	91	-1%	3%
12	88	5%	0%
13	90	6%	-2%
14	90	6%	-2%
15	88	5%	-3%
16	87	5%	-8%



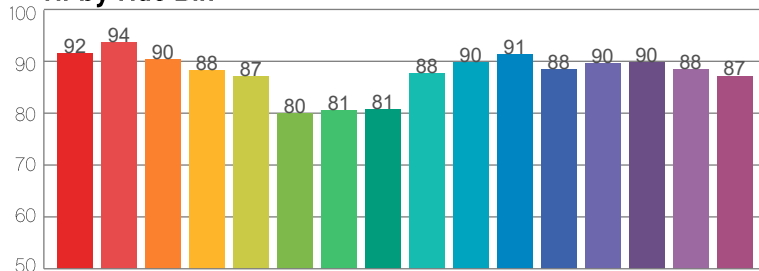
Color Vector Graphic



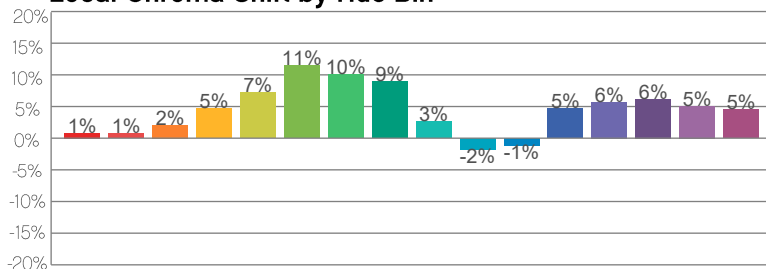
Color Distortion Graphic



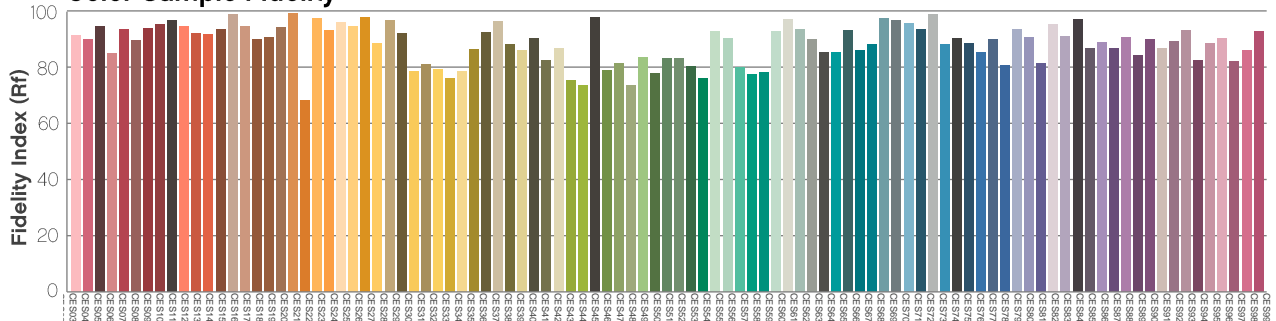
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: 4000K

Report Summary

Measurements

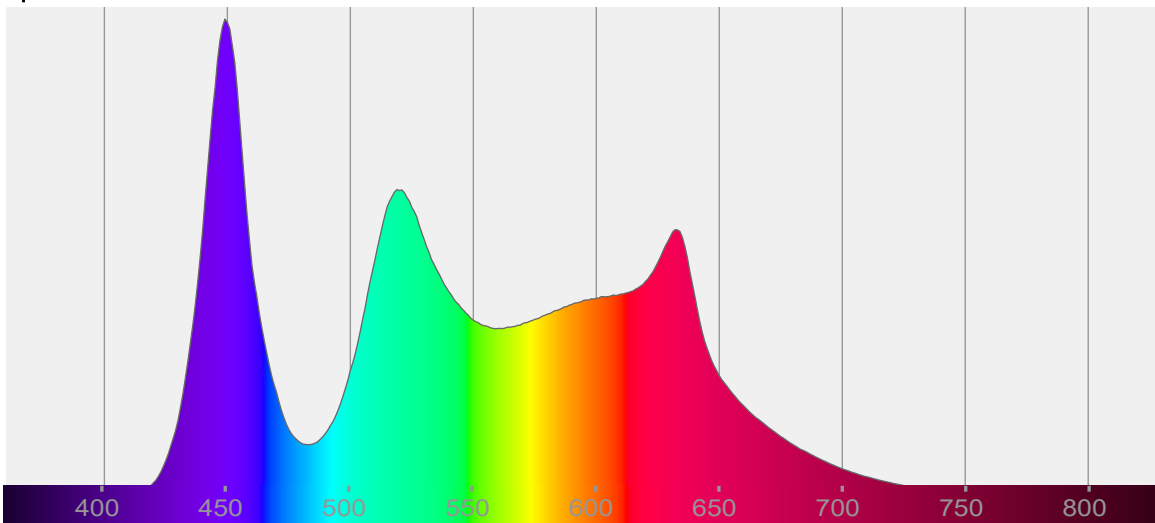
Total Lumens: 2730 lm
Peak Intensity: 33142 cd
Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 5669K
 Δuv : -0.0058

CRI: 89.7 CRI R9 Value: 92.1
CQS: 91.6
TLCI: 83
TM-30-18 Rf: 87.0
TM-30-18 Rg: 108.7
1st Dominant Wavelength: 449 nm
2nd Dominant Wavelength: 519 nm



Spectral Distribution



Tested Color

5669 K
CIE 1931 Coordinates:
X: 0.329 Y: 0.333

Color Temperature

5669 K

Light Quality

CRI: 89.7

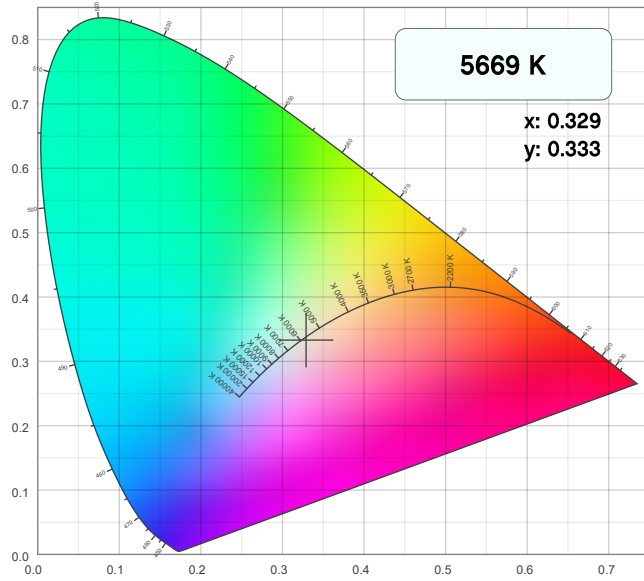
Notes:

Chromaticity Report

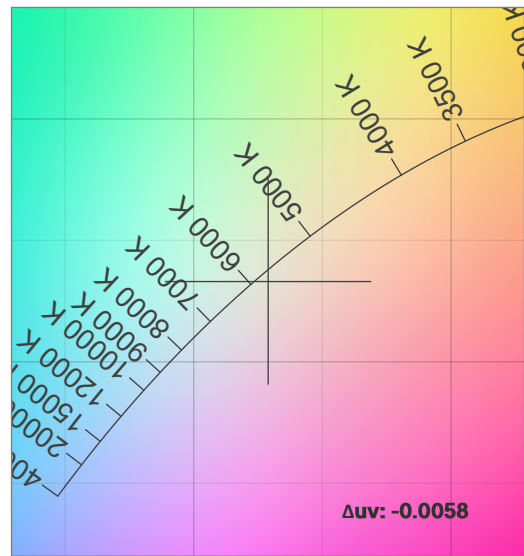
WELL Panel: 4000K

Chromaticity

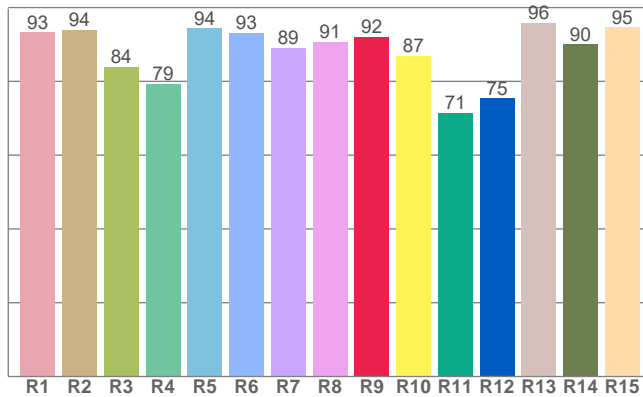
CIE 1931



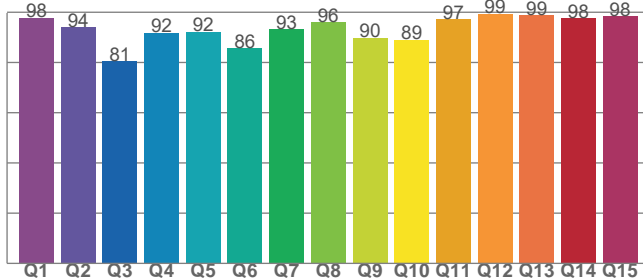
CIE 1931 - Zoom



CRI: 89.7 (R1-R8)



CQS: 91.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5669 K	0.329	0.333

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0058	0.333	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.7	92.1	91.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
83	87.0	108.7

Chromaticity Report

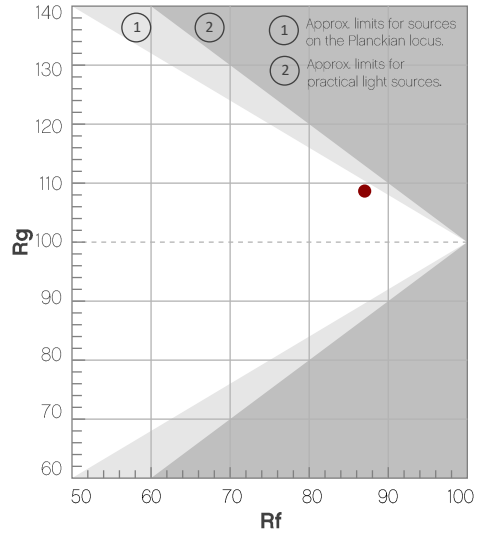
WELL Panel: 4000K

TM-30-18 Details

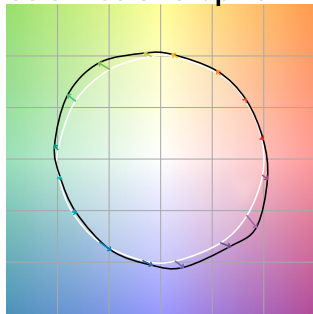
Rf 87.0
Fidelity Index (R_f)

Rg 108.7
Gamut Index (R_g)

Hue Bin	R _f	Chroma Shift	Hue Shift
1	93	1%	-2%
2	95	1%	0%
3	90	1%	4%
4	89	2%	6%
5	84	4%	6%
6	82	11%	5%
7	84	10%	-1%
8	89	4%	-3%
9	93	-1%	-2%
10	92	-3%	3%
11	77	0%	13%
12	84	3%	9%
13	88	7%	6%
14	82	8%	6%
15	82	14%	-4%
16	89	5%	-3%



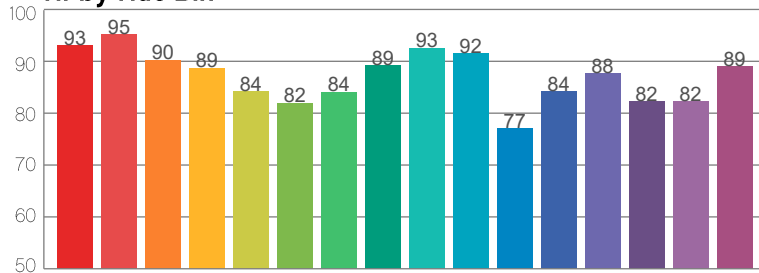
Color Vector Graphic



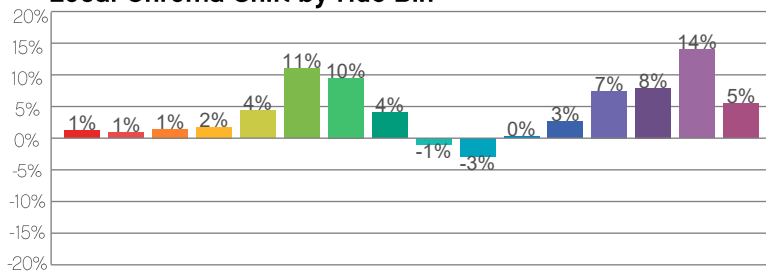
Color Distortion Graphic



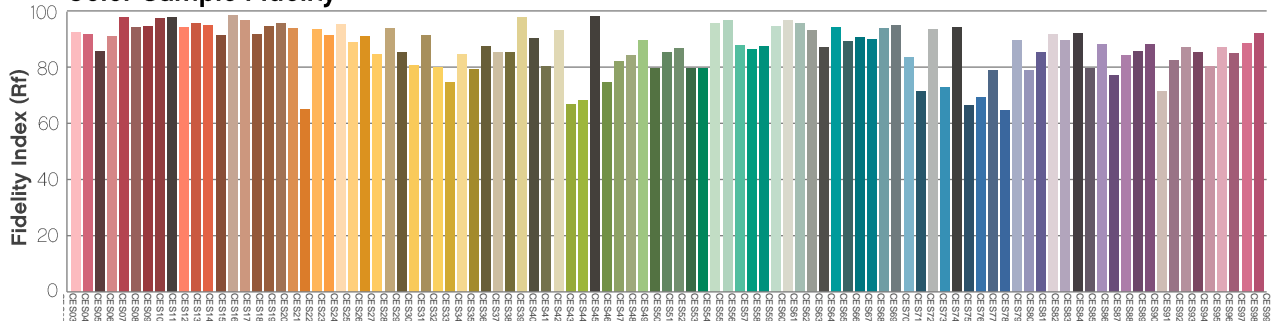
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

WELL Panel: 5600K

Report Summary

Measurements

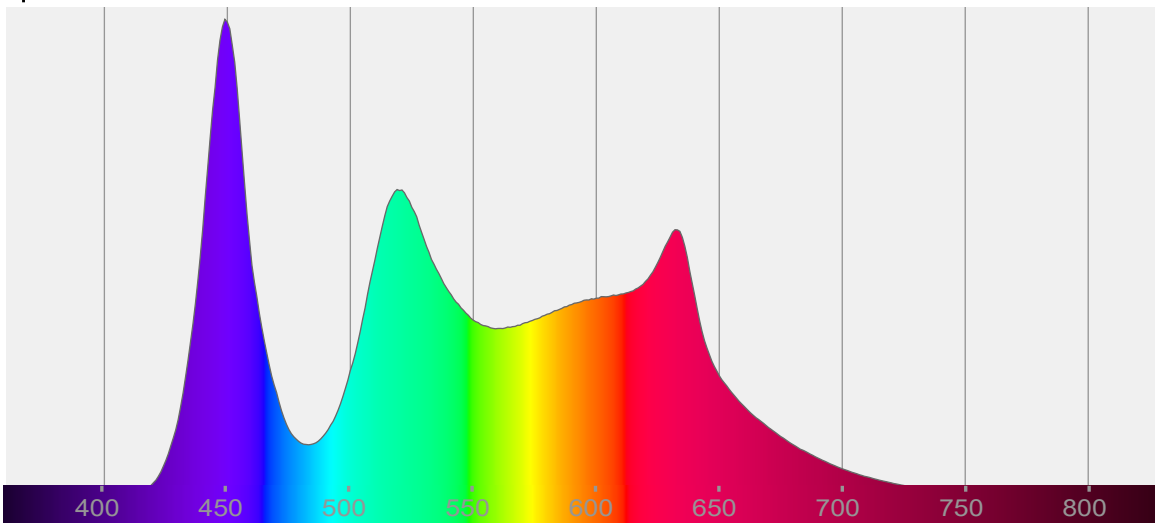
Total Lumens: 2730 lm
Peak Intensity: 33142 cd
Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 5669K
 Δuv : -0.0058

CRI: 89.7 CRI R9 Value: 92.1
CQS: 91.6
TLCI: 83
TM-30-18 Rf: 87.0
TM-30-18 Rg: 108.7
1st Dominant Wavelength: 449 nm
2nd Dominant Wavelength: 519 nm



Spectral Distribution



Tested Color

5669 K
CIE 1931 Coordinates:
X: 0.329 Y: 0.333

Color Temperature

5669 K

Light Quality

CRI: 89.7

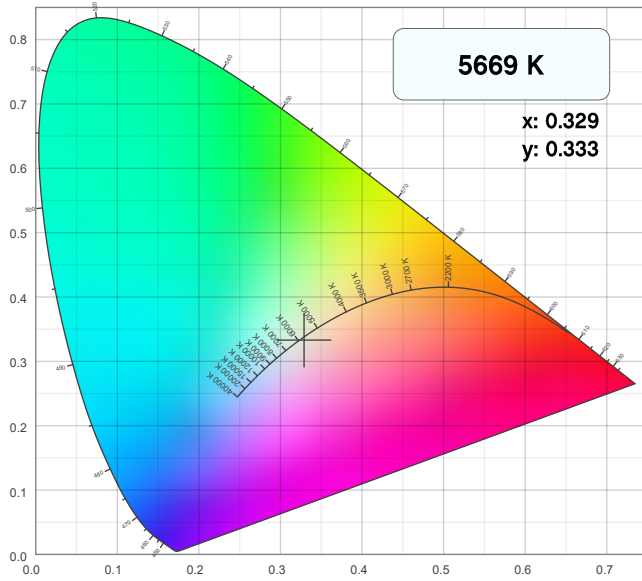
Notes:

Chromaticity Report

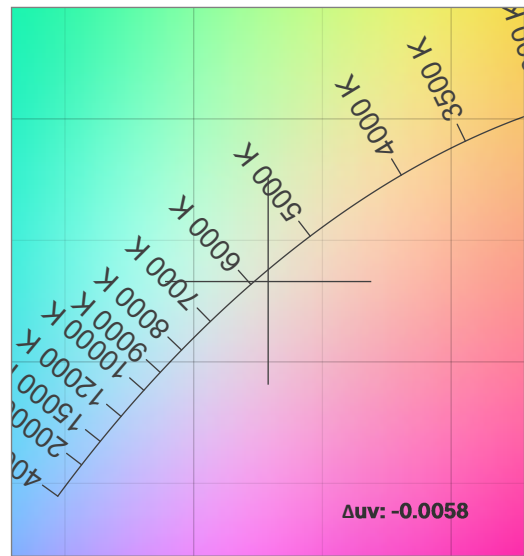
WELL Panel: 5600K

Chromaticity

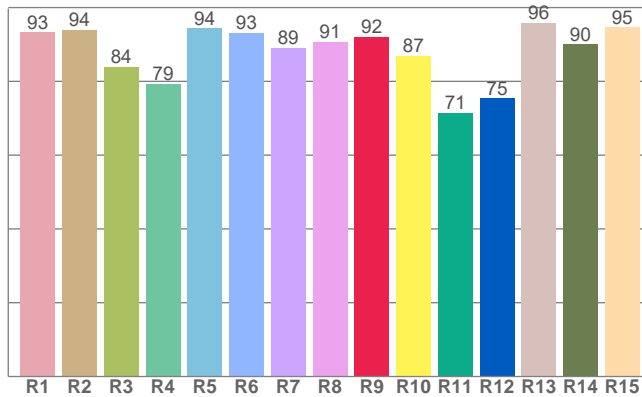
CIE 1931



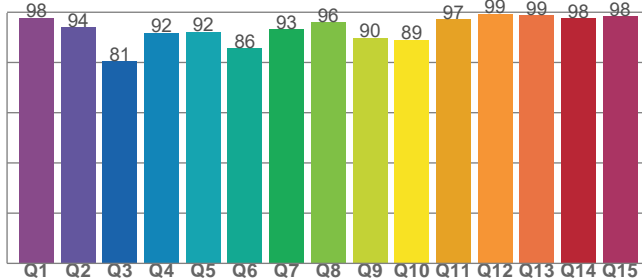
CIE 1931 - Zoom



CRI: 89.7 (R1-R8)



CQS: 91.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5669 K	0.329	0.333

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0058	0.333	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.7	92.1	91.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
83	87.0	108.7

Chromaticity Report

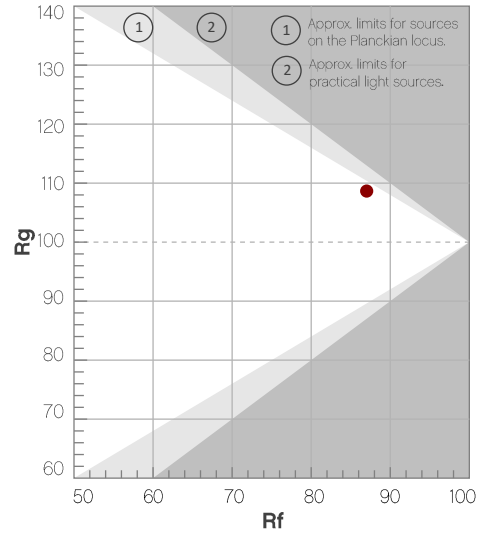
WELL Panel: 5600K

TM-30-18 Details

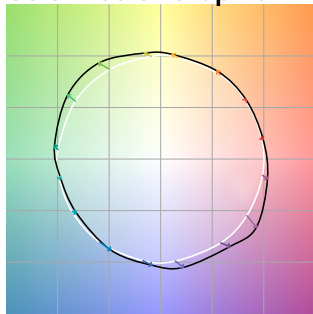
Rf 87.0
Fidelity Index (R_f)

Rg 108.7
Gamut Index (R_g)

Hue Bin	R _f	Chroma Shift	Hue Shift
1	93	1%	-2%
2	95	1%	0%
3	90	1%	4%
4	89	2%	6%
5	84	4%	6%
6	82	11%	5%
7	84	10%	-1%
8	89	4%	-3%
9	93	-1%	-2%
10	92	-3%	3%
11	77	0%	13%
12	84	3%	9%
13	88	7%	6%
14	82	8%	6%
15	82	14%	-4%
16	89	5%	-3%



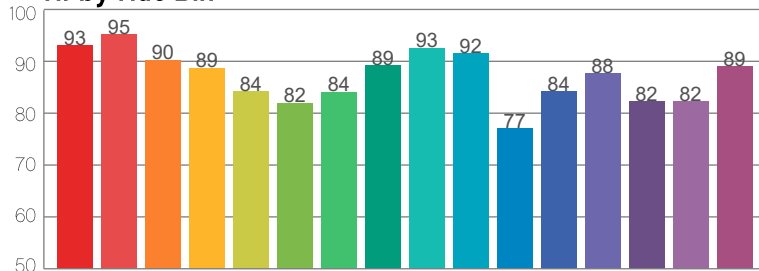
Color Vector Graphic



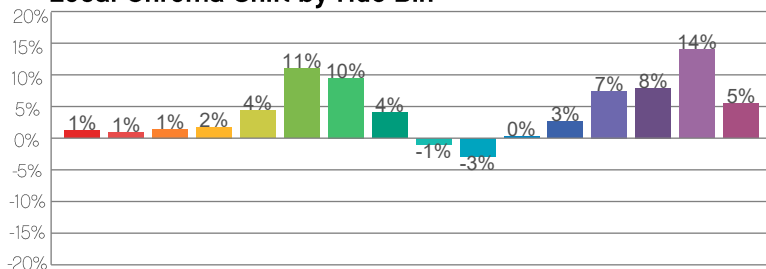
Color Distortion Graphic



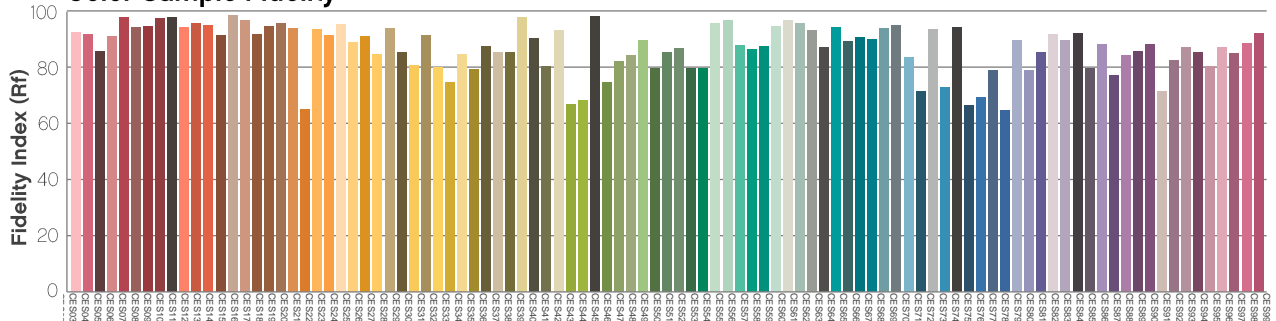
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Contact Us

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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.

