

PHOTOMETRICS REPORT

MAVERICK

MK3 WASH



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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

Maverick MK3 Wash: Full Flood, Full Power

Report Summary

Output

Total Lumens: 23694 lm
Peak Intensity: 50997 cd
Illuminance @ 5m: 2040 lux
Fixture Efficacy: 21 lm/W

Optical

Horizontal Beam Angle (50%): 36.1°
Vertical Beam Angle (50%): 36.1°
Horizontal Field Angle (10%): 52.8°
Vertical Field Angle (10%): 52.8°
Horizontal Cutoff Angle (3%): 65.1°
Vertical Cutoff Angle (3%): 65.1°

Conditions

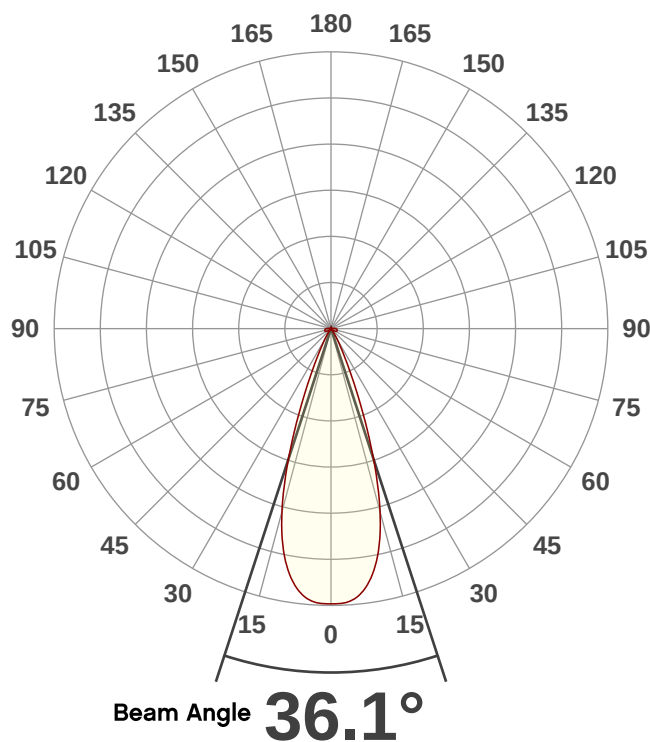
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



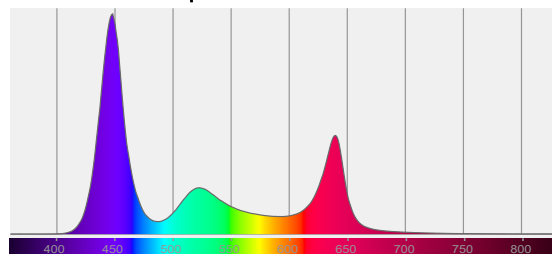
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

Overall Measurement

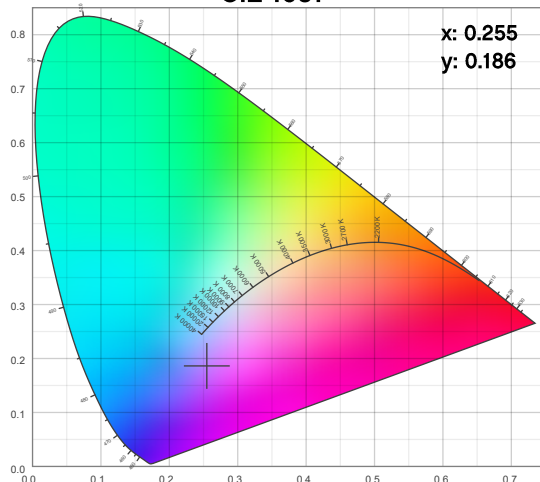
Angular Beam Distribution



Spectral Distribution



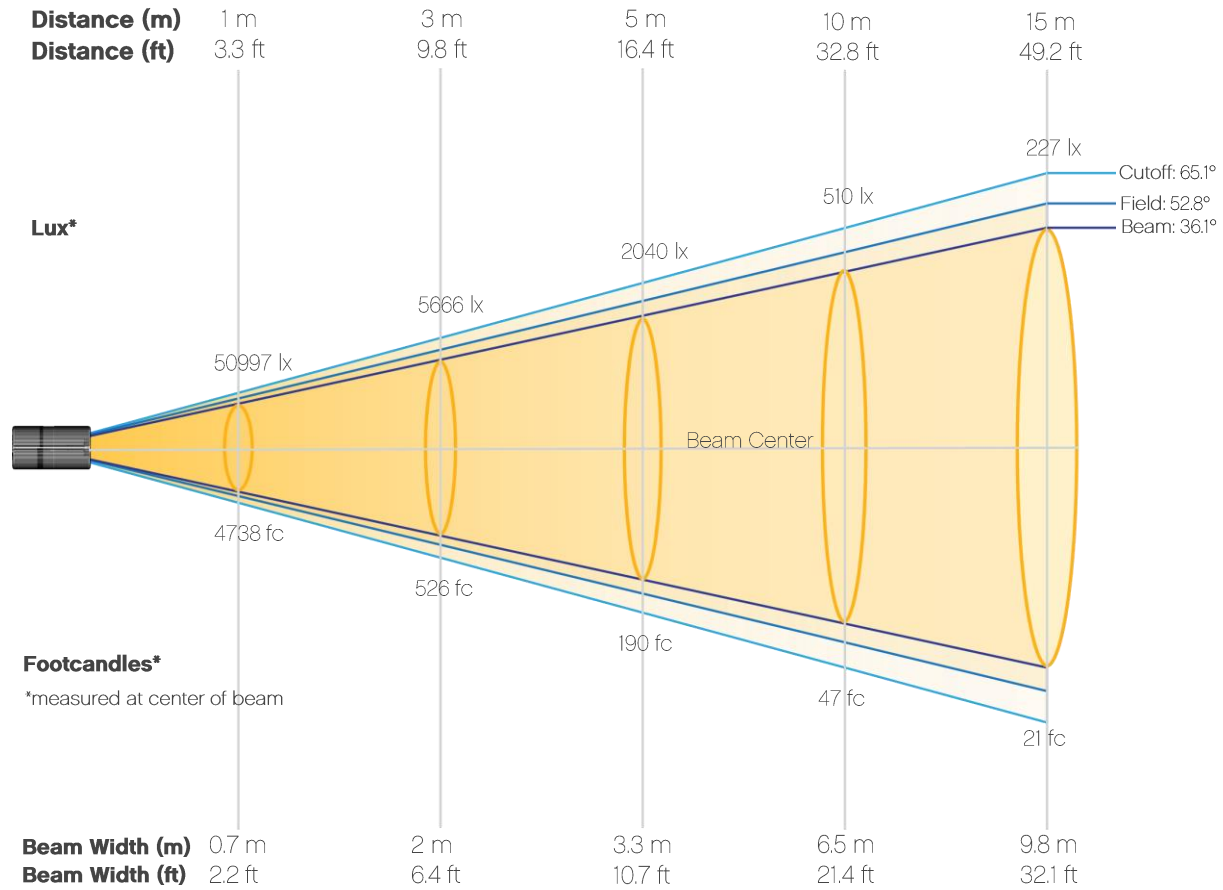
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, Full Power

Beam Details



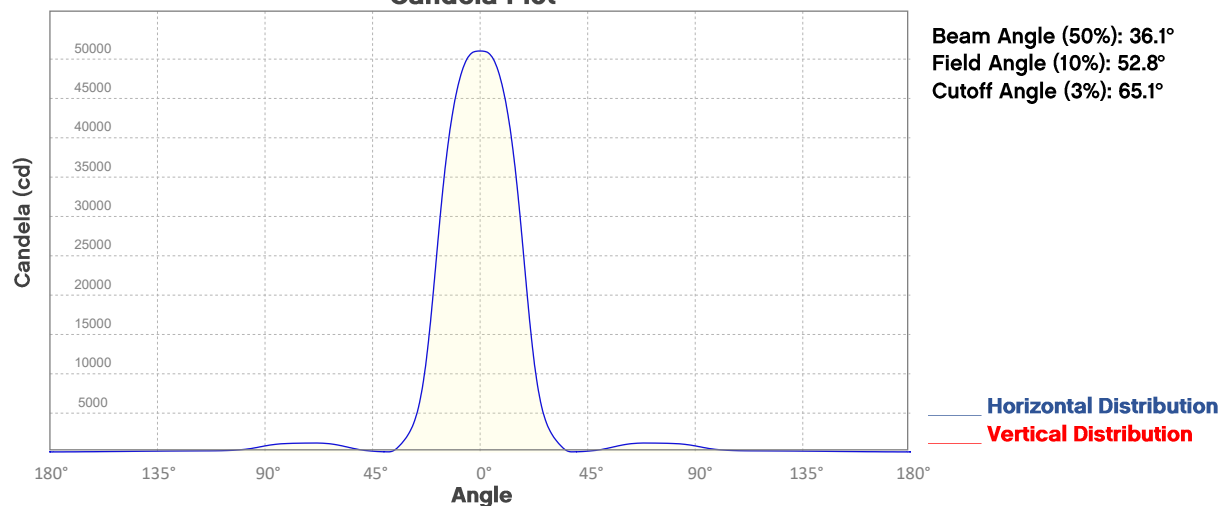
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	50997	12749	5666	3187	2040	1417	1041	797	630	510
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	421	354	302	260	227	199	176	157	141	127
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4738	1184	526	296	190	132	97	74	58	47
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	39	33	28	24	21	19	16	15	13	12

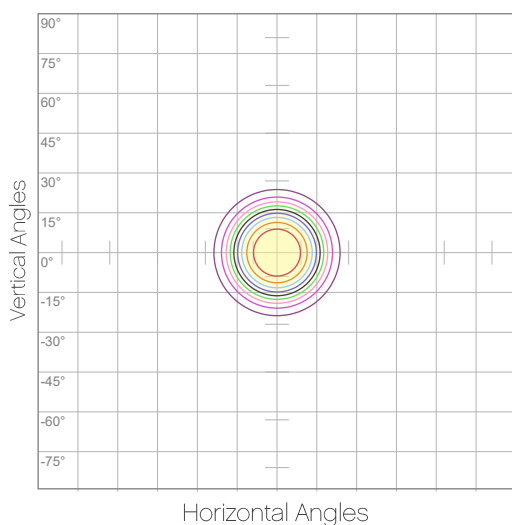
Photometric Report

Maverick MK3 Wash: Full Flood, Full Power

Candela Plot



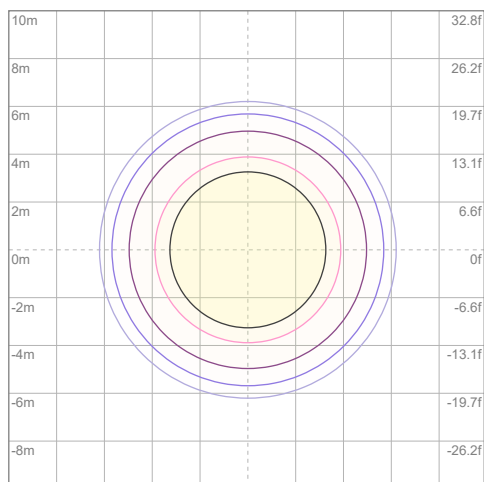
Polar Diagrams



iso-candela Diagram

10%	5100 cd
20%	10199 cd
30%	15299 cd
40%	20399 cd
50%	25498 cd
60%	30598 cd
70%	35698 cd
80%	40797 cd
90%	45897 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 50997 cd



iso-illuminance Diagram

3%	15.3 lx
5%	25.5 lx
10%	51.0 lx
30%	153 lx
50%	255 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 510 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Flood, Red Only

Report Summary

Output

Total Lumens: 4460 lm
Peak Intensity: 10361 cd
Illuminance @ 5m: 414 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 34.8°
Vertical Beam Angle (50%): 34.8°
Horizontal Field Angle (10%): 51.2°
Vertical Field Angle (10%): 51.2°
Horizontal Cutoff Angle (3%): 63.7°
Vertical Cutoff Angle (3%): 63.7°

Conditions

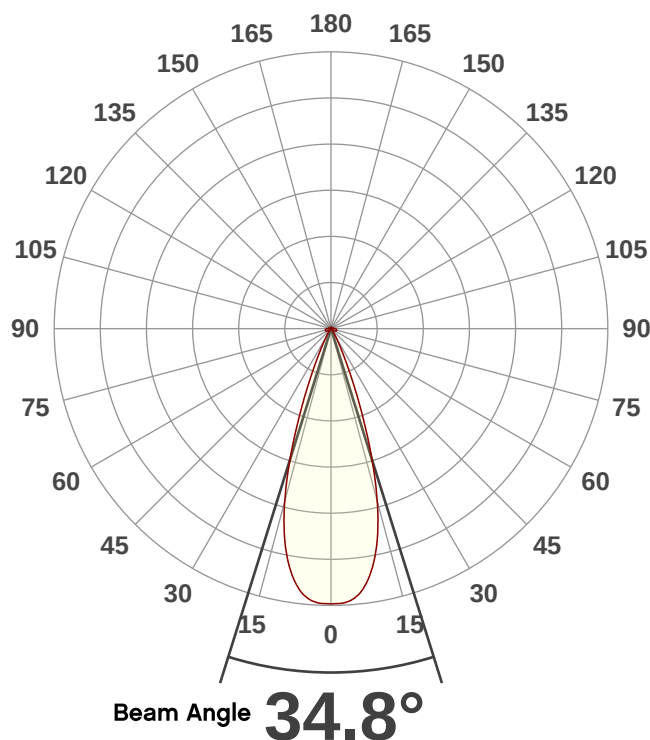
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



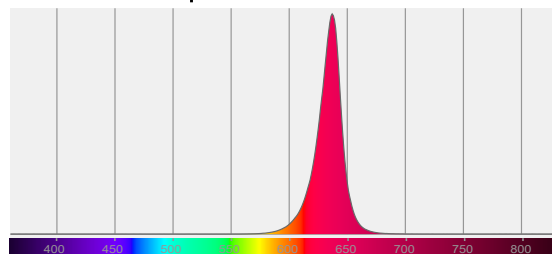
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Overall Measurement

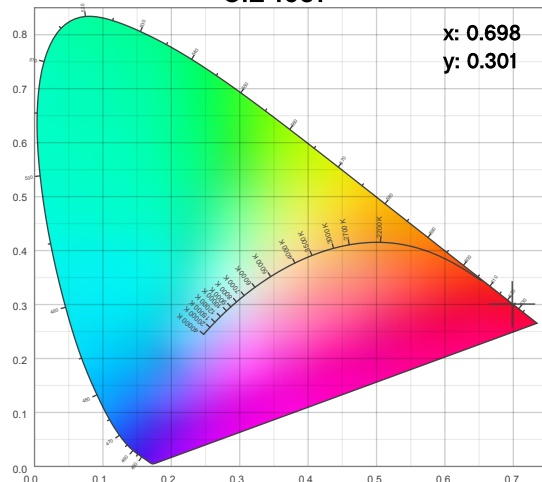
Angular Beam Distribution



Spectral Distribution



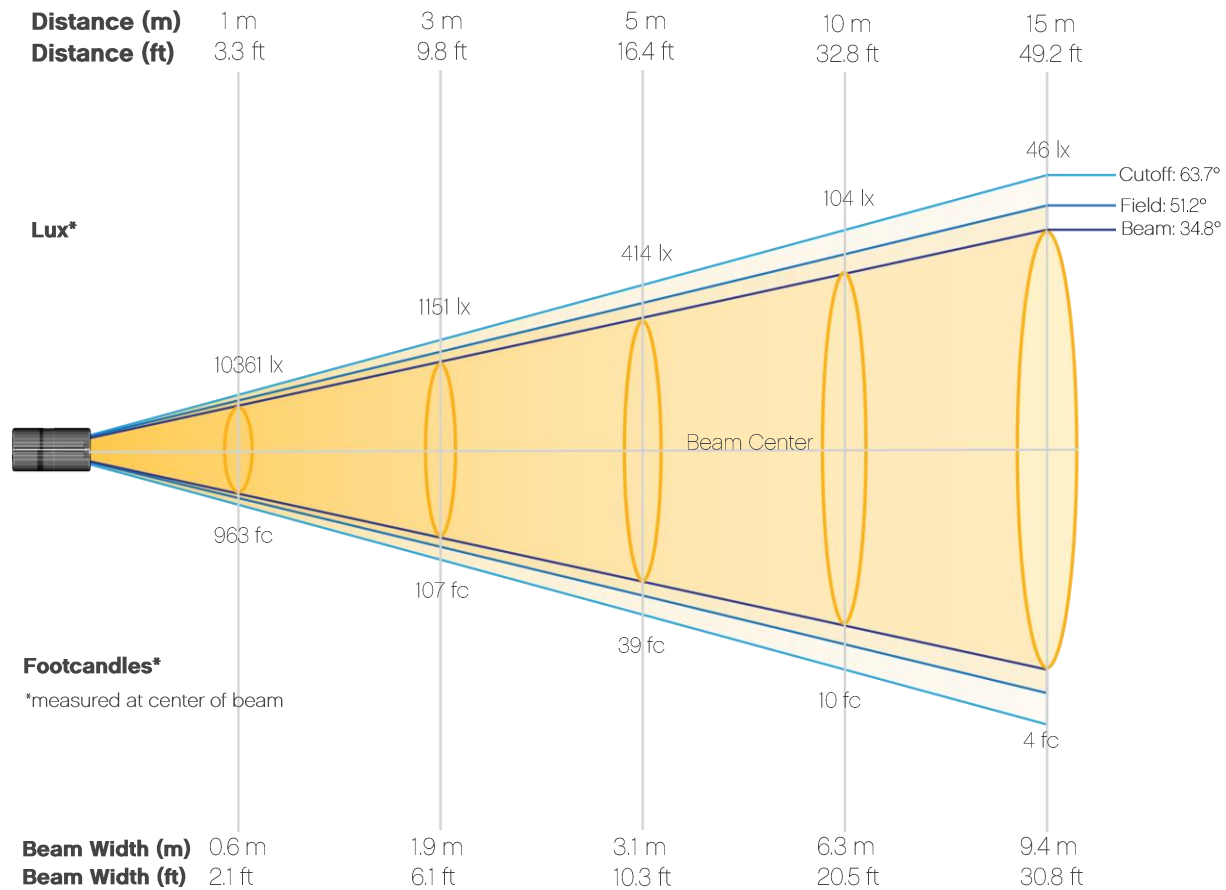
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, Red Only

Beam Details



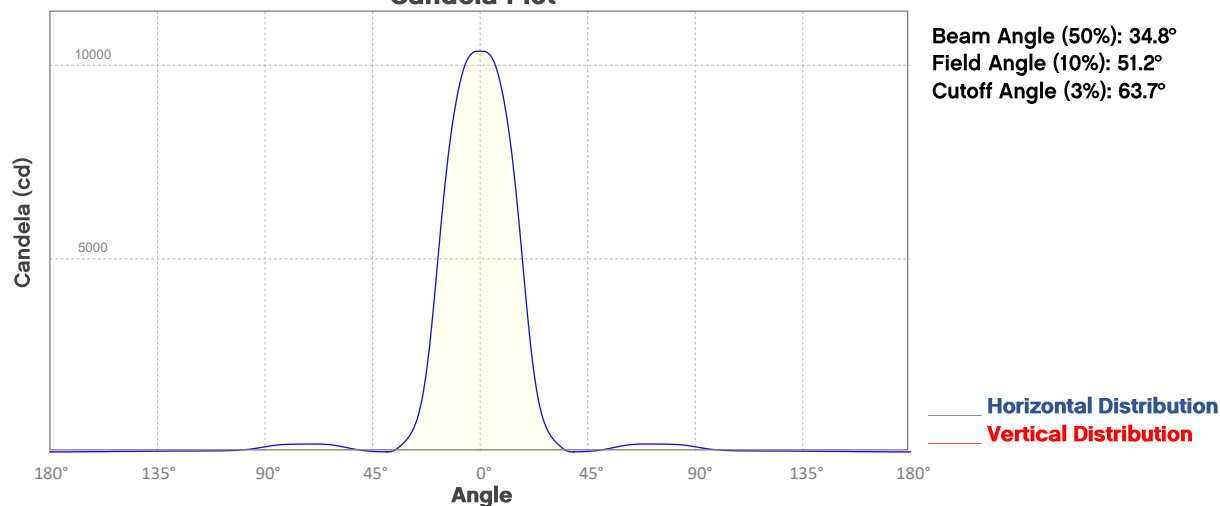
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10361	2590	1151	648	414	288	211	162	128	104
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	86	72	61	53	46	40	36	32	29	26
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	963	241	107	60	39	27	20	15	12	10
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

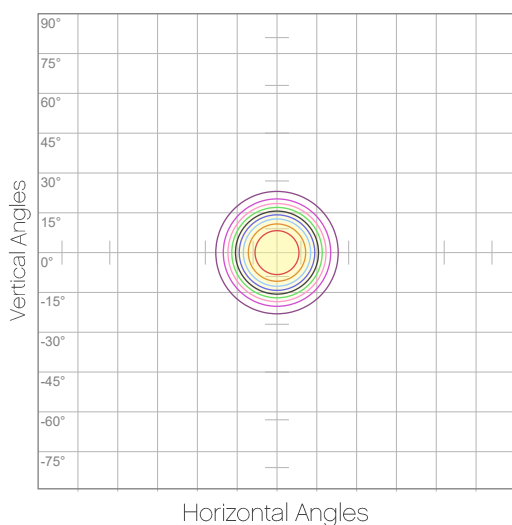
Photometric Report

Maverick MK3 Wash: Full Flood, Red Only

Candela Plot



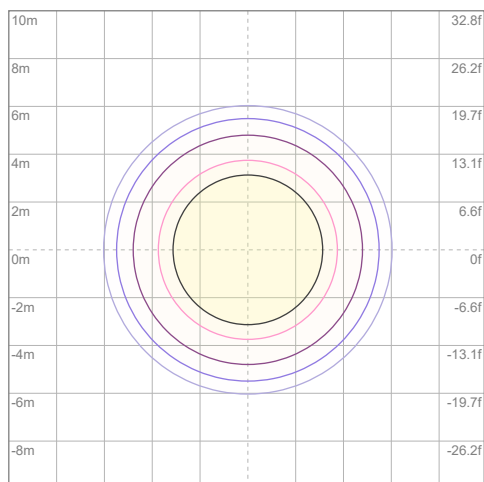
Polar Diagrams



iso-candela Diagram

10%	1036 cd
20%	2072 cd
30%	3108 cd
40%	4145 cd
50%	5181 cd
60%	6217 cd
70%	7253 cd
80%	8289 cd
90%	9325 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 10361 cd



iso-illuminance Diagram

3%	3.11 lx
5%	5.18 lx
10%	10.4 lx
30%	31.1 lx
50%	51.8 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 104 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Flood, Green Only

Report Summary

Output

Total Lumens: 7429 lm
Peak Intensity: 16769 cd
Illuminance @ 5m: 671 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 34.8°
Vertical Beam Angle (50%): 34.8°
Horizontal Field Angle (10%): 51.9°
Vertical Field Angle (10%): 51.9°
Horizontal Cutoff Angle (3%): 64.5°
Vertical Cutoff Angle (3%): 64.5°

Conditions

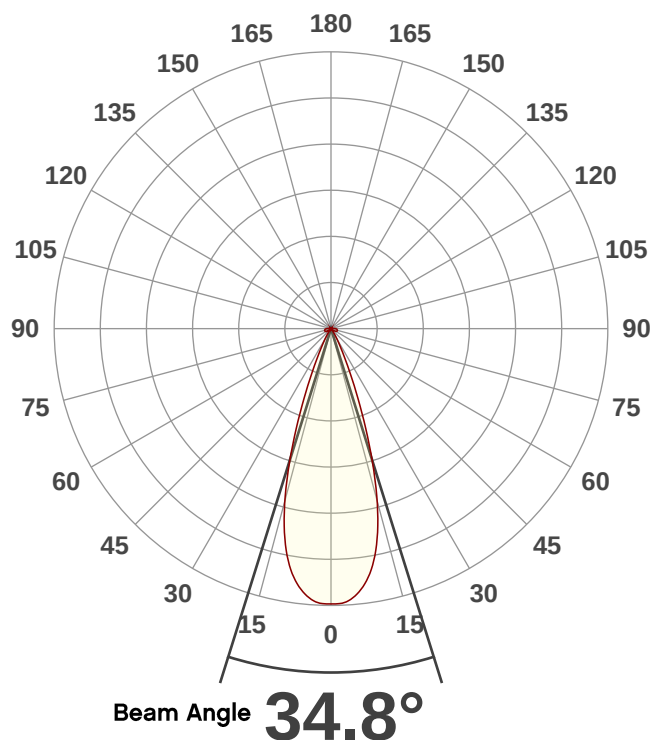
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



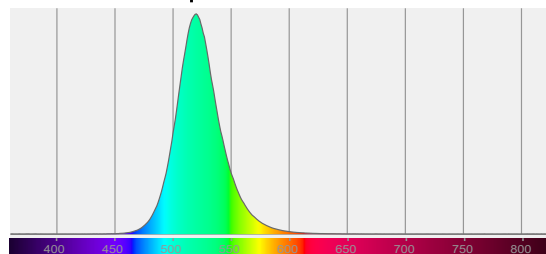
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Overall Measurement

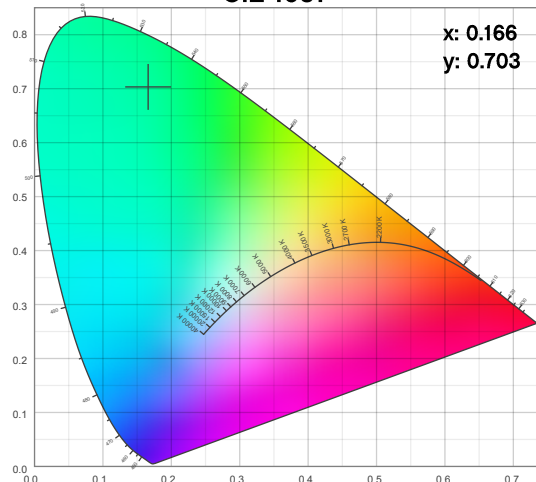
Angular Beam Distribution



Spectral Distribution



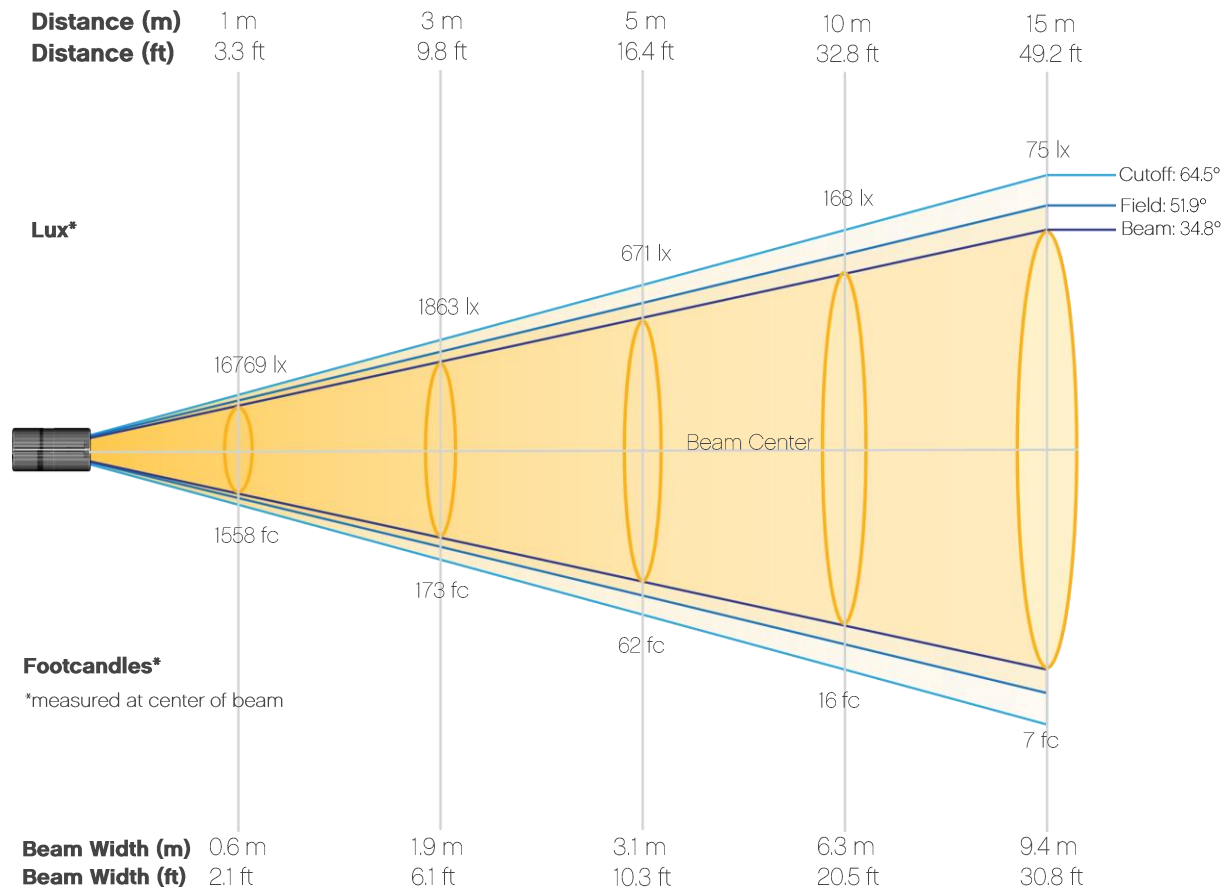
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, Green Only

Beam Details



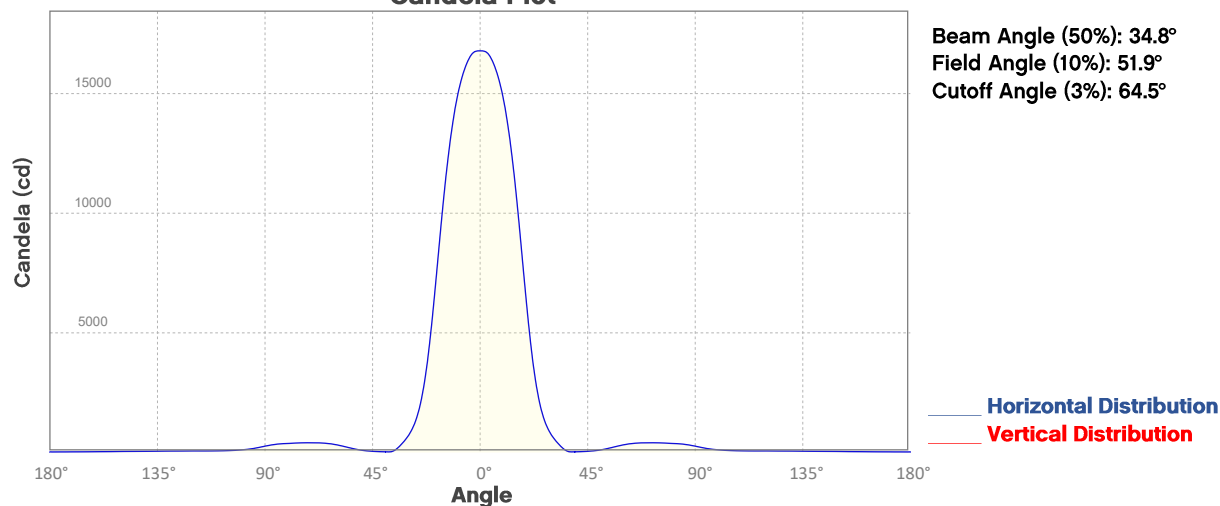
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16769	4192	1863	1048	671	466	342	262	207	168
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	139	116	99	86	75	66	58	52	46	42
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1558	389	173	97	62	43	32	24	19	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

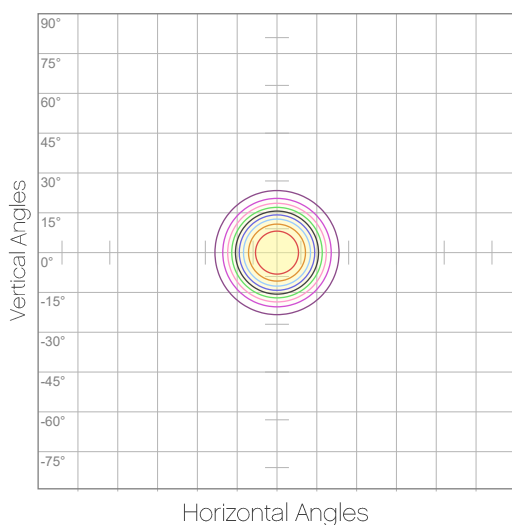
Photometric Report

Maverick MK3 Wash: Full Flood, Green Only

Candela Plot



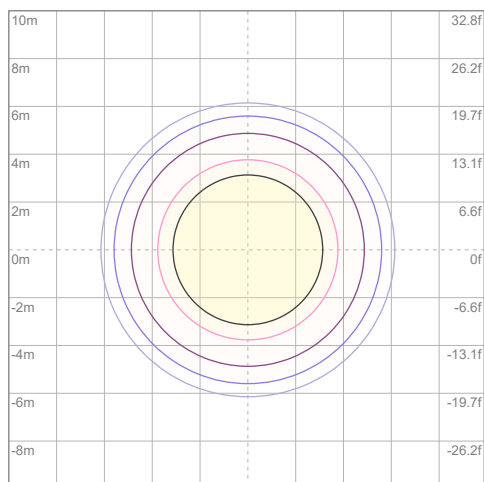
Polar Diagrams



iso-candela Diagram

10%	1677 cd
20%	3354 cd
30%	5031 cd
40%	6707 cd
50%	8384 cd
60%	10061 cd
70%	11738 cd
80%	13415 cd
90%	15092 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 16769 cd



iso-illuminance Diagram

3%	5.03 lx
5%	8.38 lx
10%	16.8 lx
30%	50.3 lx
50%	83.8 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 168 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Flood, Blue Only

Report Summary

Output

Total Lumens: 1945 lm
Peak Intensity: 4203 cd
Illuminance @ 5m: 168 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 52.8°
Vertical Field Angle (10%): 52.8°
Horizontal Cutoff Angle (3%): 154.5°
Vertical Cutoff Angle (3%): 154.5°

Conditions

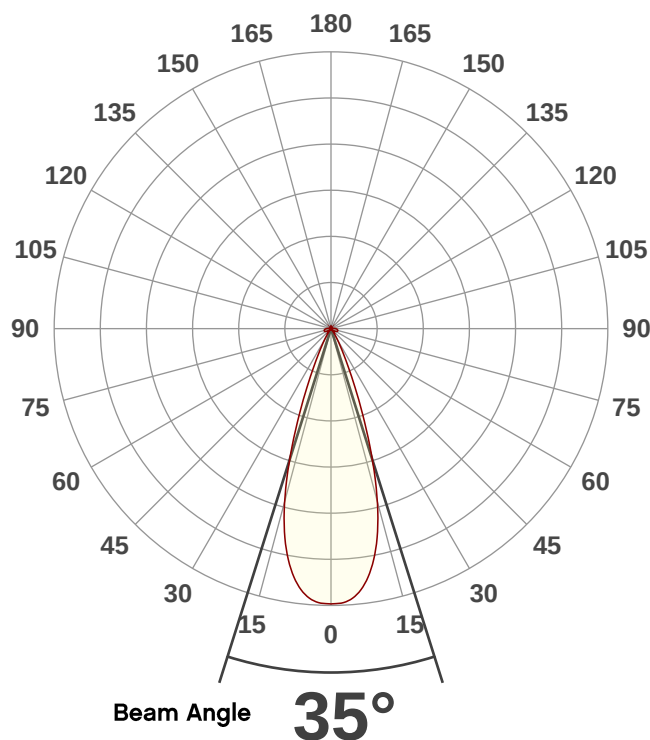
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



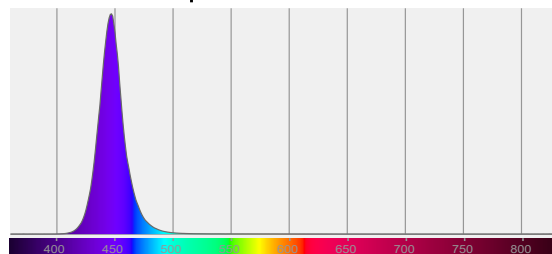
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Overall Measurement

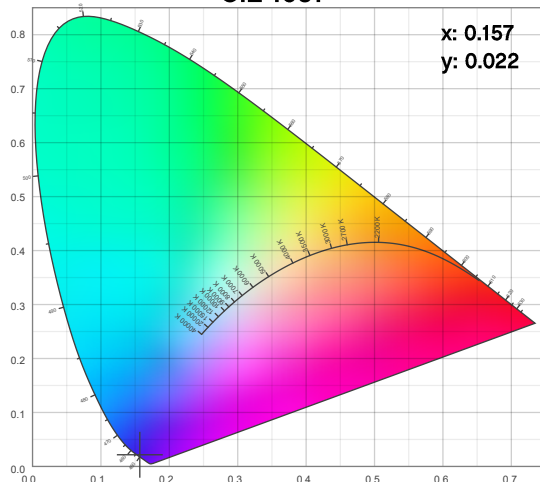
Angular Beam Distribution



Spectral Distribution



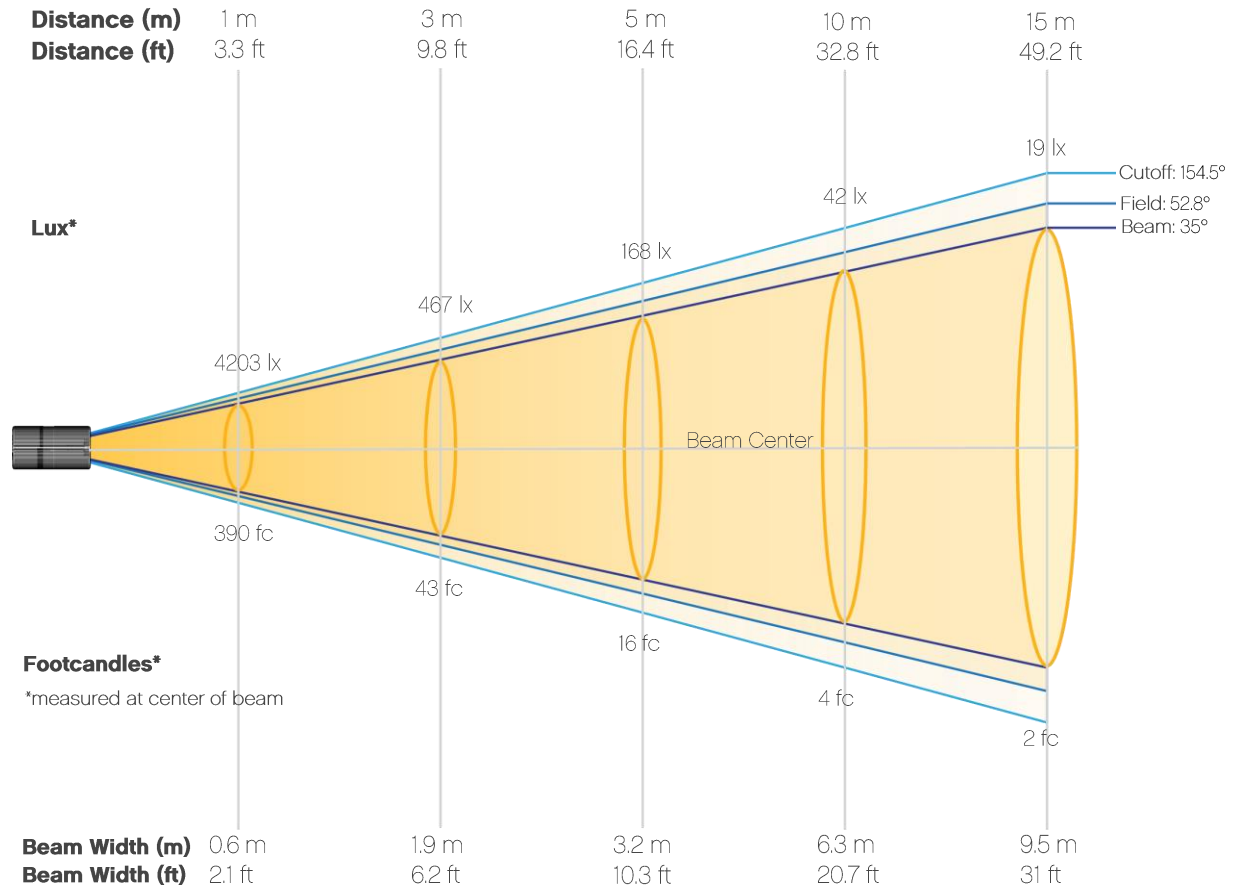
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, Blue Only

Beam Details



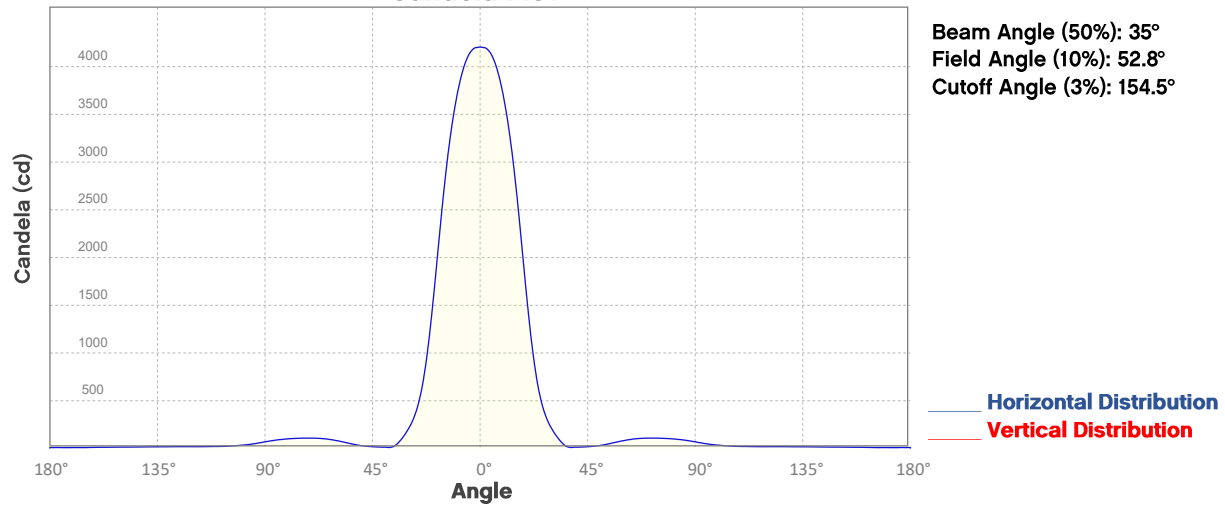
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4203	1051	467	263	168	117	86	66	52	42
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	35	29	25	21	19	16	15	13	12	11
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	390	98	43	24	16	11	8	6	5	4
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3	3	2	2	2	2	1	1	1	1

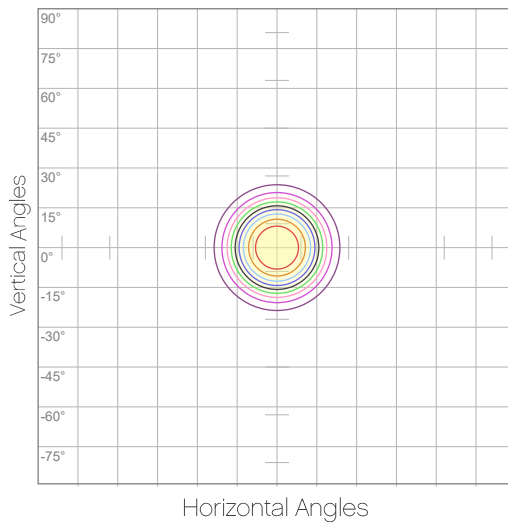
Photometric Report

Maverick MK3 Wash: Full Flood, Blue Only

Candela Plot



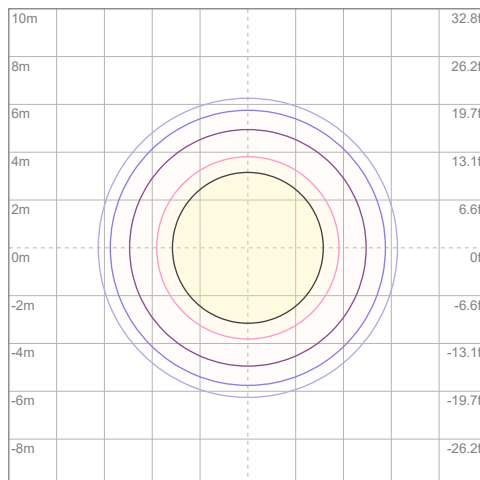
Polar Diagrams



iso-candela Diagram

10%	420 cd
20%	841 cd
30%	1261 cd
40%	1681 cd
50%	2101 cd
60%	2522 cd
70%	2942 cd
80%	3362 cd
90%	3783 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 4203 cd



iso-illuminance Diagram

3%	1.26 lx
5%	2.10 lx
10%	4.20 lx
30%	12.6 lx
50%	21.0 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 42.0 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Flood, White Only

Report Summary

Output

Total Lumens: 11578 lm
Peak Intensity: 24279 cd
Illuminance @ 5m: 971 lux
Fixture Efficacy: 10 lm/W

Optical

Horizontal Beam Angle (50%): 36.8°
Vertical Beam Angle (50%): 36.8°
Horizontal Field Angle (10%): 53.2°
Vertical Field Angle (10%): 53.2°
Horizontal Cutoff Angle (3%): 65.3°
Vertical Cutoff Angle (3%): 65.3°

Conditions

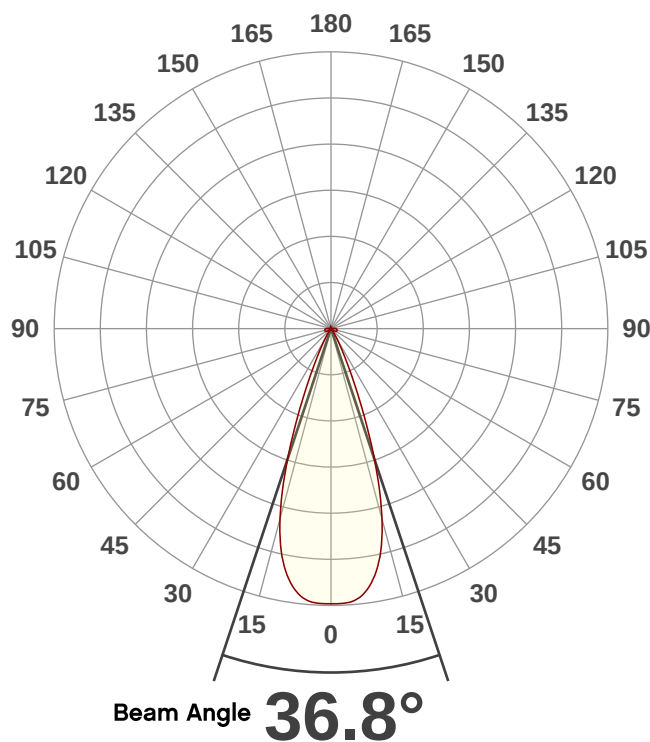
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



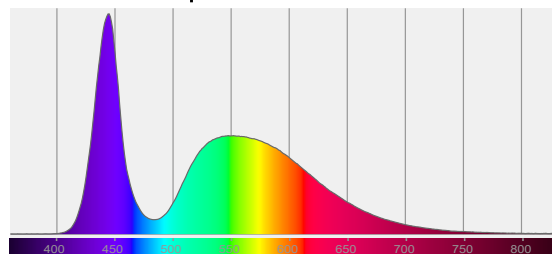
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Overall Measurement

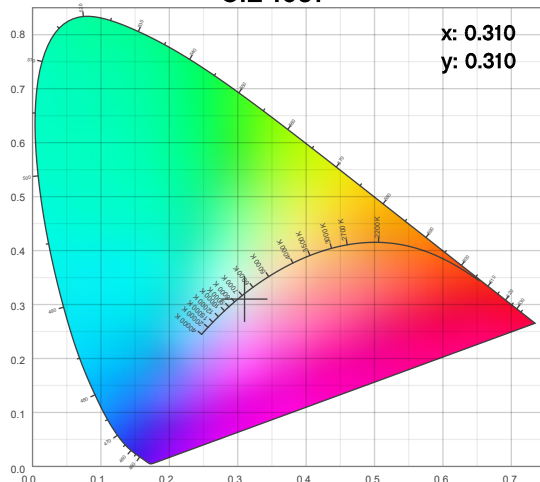
Angular Beam Distribution



Spectral Distribution



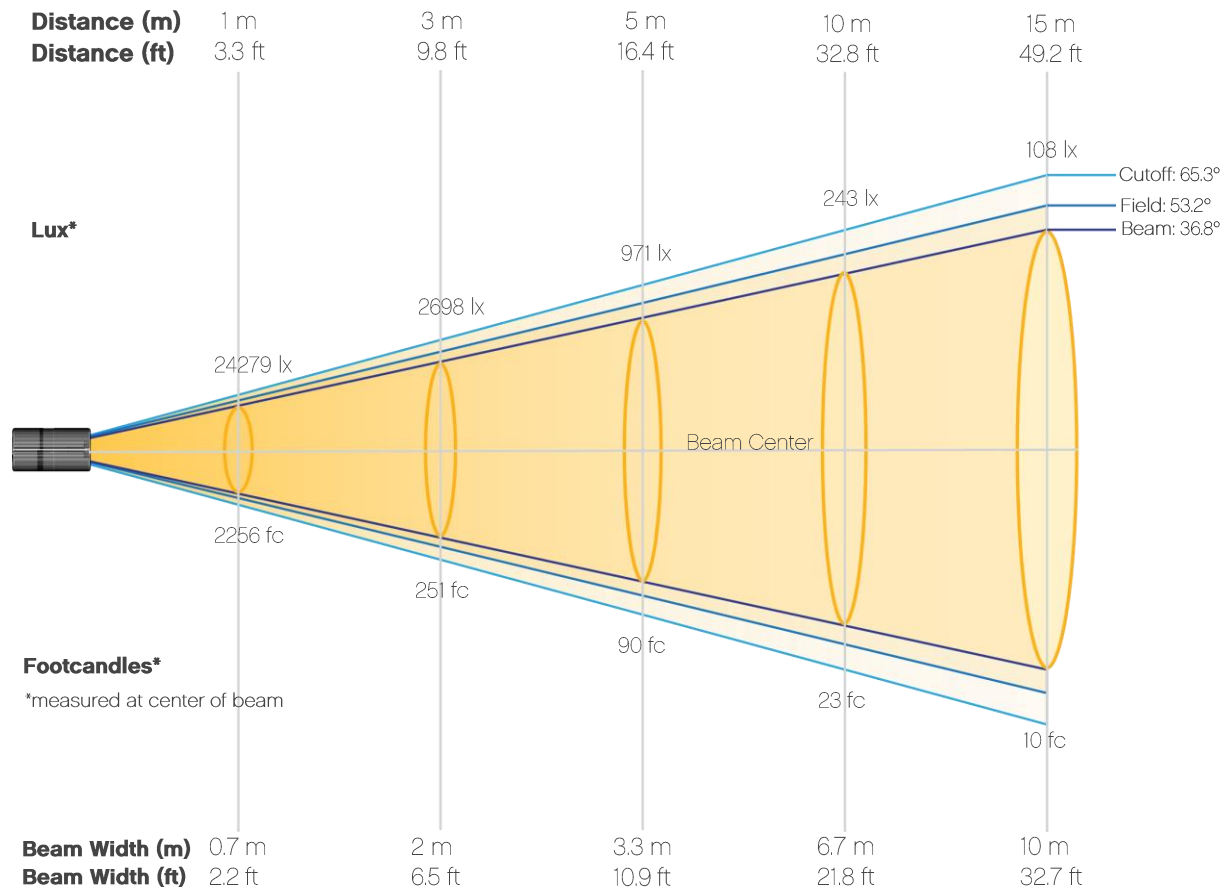
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, White Only

Beam Details



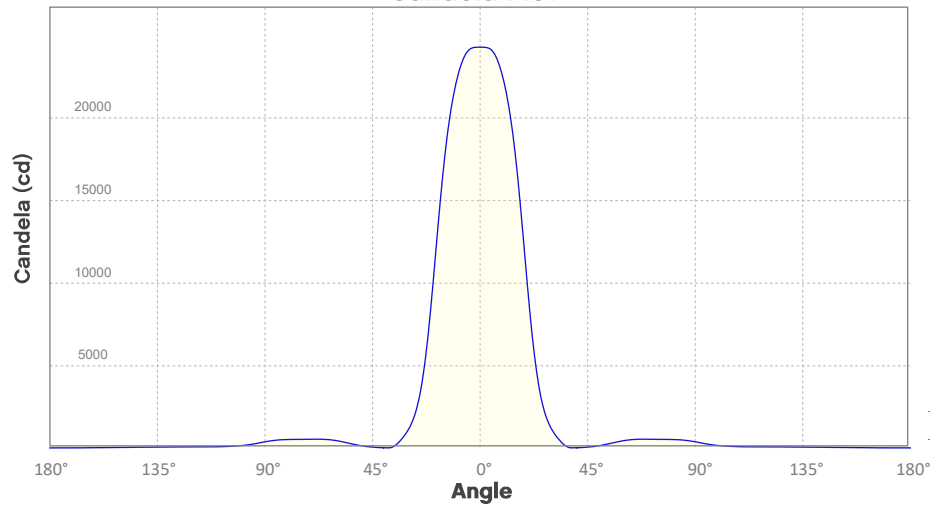
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	24279	6070	2698	1517	971	674	495	379	300	243
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	201	169	144	124	108	95	84	75	67	61
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2256	564	251	141	90	63	46	35	28	23
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	19	16	13	12	10	9	8	7	6	6

Photometric Report

Maverick MK3 Wash: Full Flood, White Only

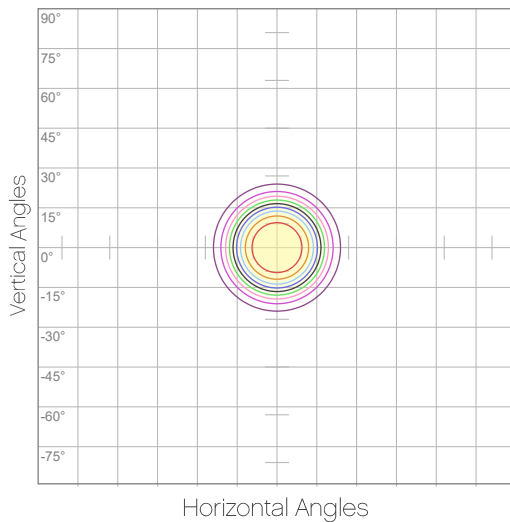
Candela Plot



Beam Angle (50%): 36.8°
Field Angle (10%): 53.2°
Cutoff Angle (3%): 65.3°

— Horizontal Distribution
— Vertical Distribution

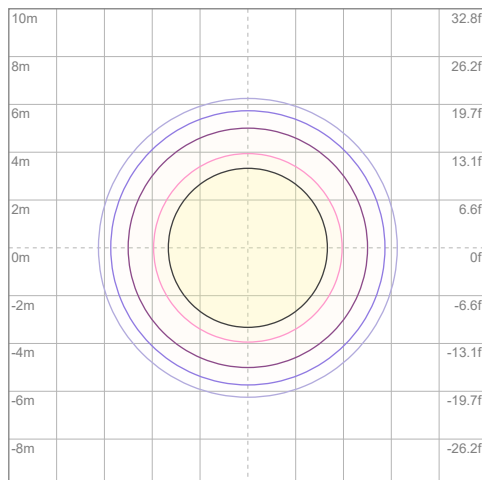
Polar Diagrams



iso-candela Diagram

10%	2428 cd
20%	4856 cd
30%	7284 cd
40%	9712 cd
50%	12139 cd
60%	14567 cd
70%	16995 cd
80%	19423 cd
90%	21851 cd

Conditions:
Number of c-planes: 2
Candela at center: 24279 cd



iso-illuminance Diagram

3%	7.28 lx
5%	12.1 lx
10%	24.3 lx
30%	72.8 lx
50%	121 lx

Conditions:
Number of c-planes: 2
Lux at center: 243 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Flood, 7500K

Report Summary

Output

Total Lumens: 16331 lm
Peak Intensity: 42097 cd
Illuminance @ 5m: 1684 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 35.8°
Vertical Beam Angle (50%): 35.8°
Horizontal Field Angle (10%): 52.4°
Vertical Field Angle (10%): 52.4°
Horizontal Cutoff Angle (3%): 64.8°
Vertical Cutoff Angle (3%): 64.8°

Conditions

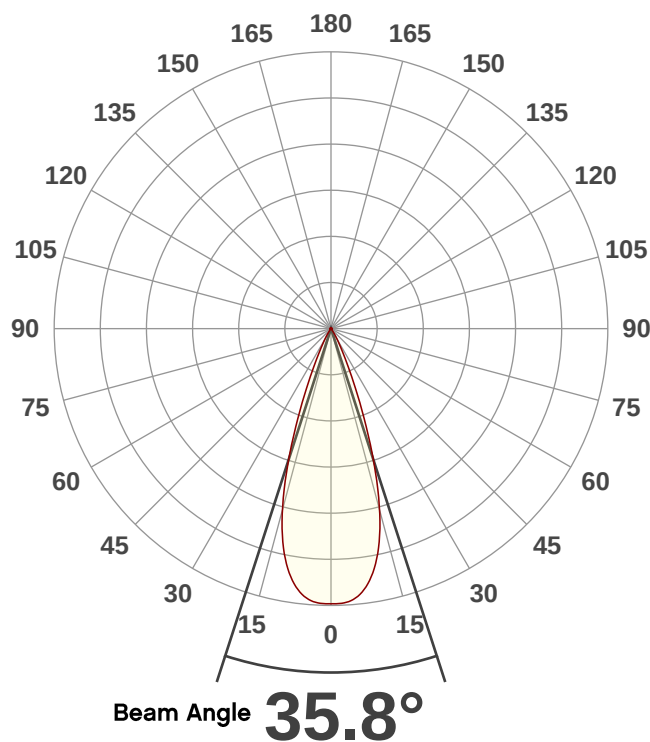
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



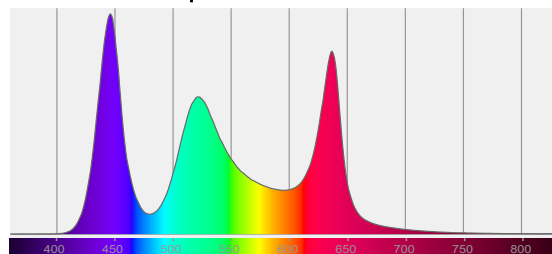
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/15/2019 to LM-63-2002 Standards.

Overall Measurement

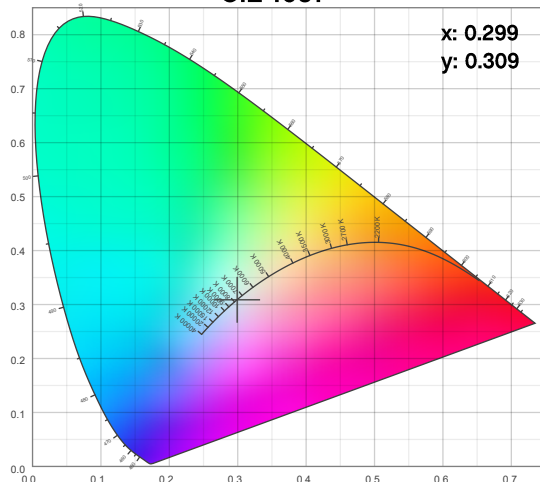
Angular Beam Distribution



Spectral Distribution



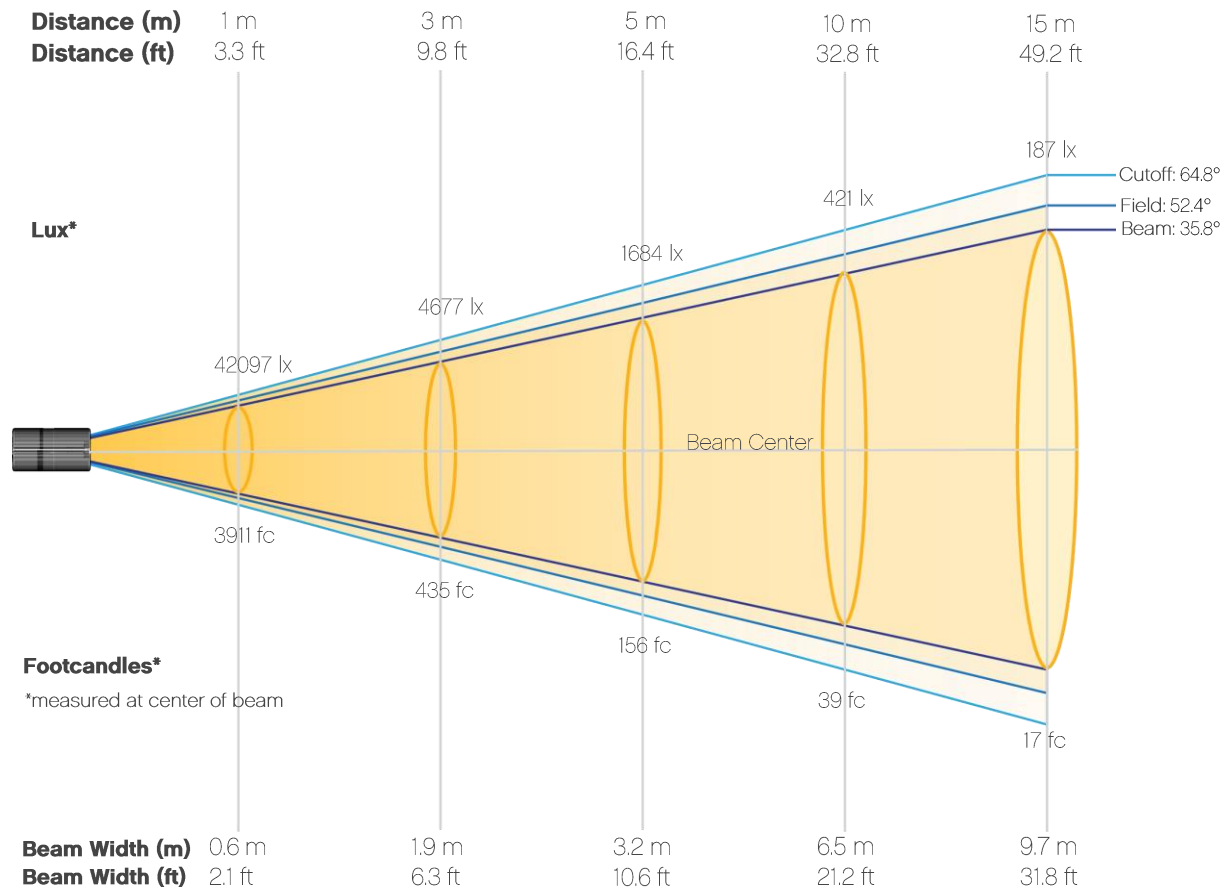
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Flood, 7500K

Beam Details



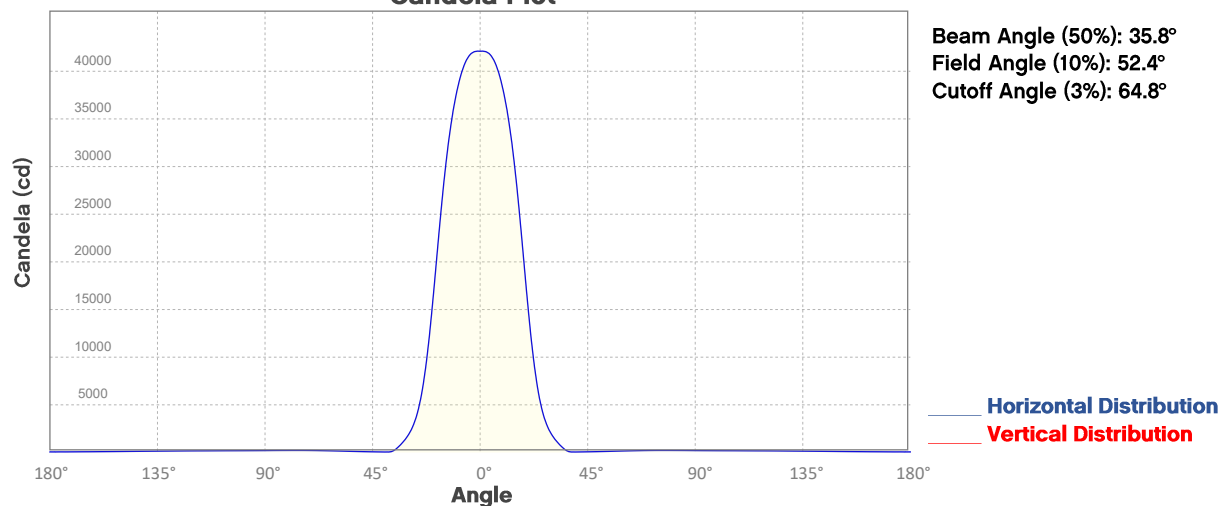
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	42097	10524	4677	2631	1684	1169	859	658	520	421
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	348	292	249	215	187	164	146	130	117	105
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3911	978	435	244	156	109	80	61	48	39
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	32	27	23	20	17	15	14	12	11	10

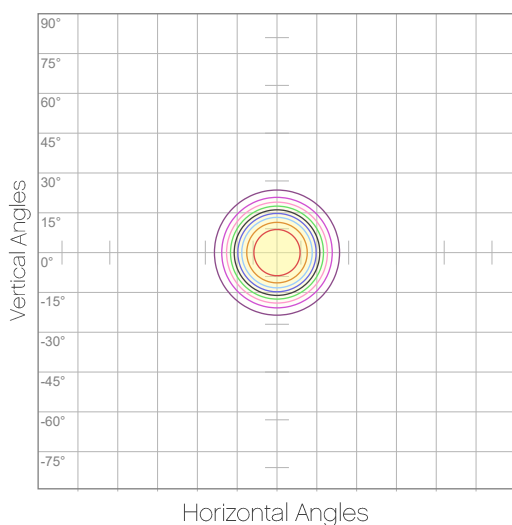
Photometric Report

Maverick MK3 Wash: Full Flood, 7500K

Candela Plot



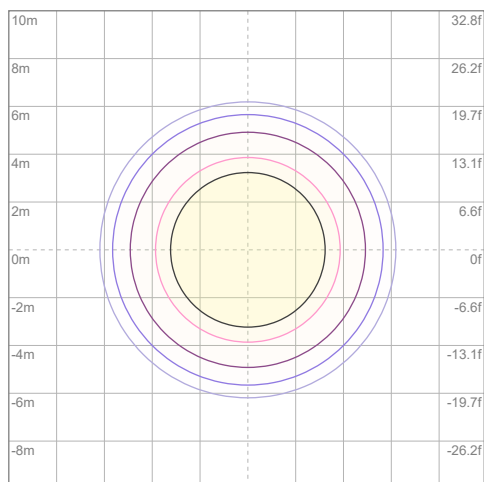
Polar Diagrams



iso-candela Diagram

10%	4210 cd
20%	8419 cd
30%	12629 cd
40%	16839 cd
50%	21049 cd
60%	25258 cd
70%	29468 cd
80%	33678 cd
90%	37888 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 42097 cd



iso-illuminance Diagram

3%	12.6 lx
5%	21.0 lx
10%	42.1 lx
30%	126 lx
50%	210 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 421 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

Report Summary

Output

Total Lumens: 13512 lm
Peak Intensity: 1502243 cd
Illuminance @ 5m: 60090 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 5.2°
Vertical Beam Angle (50%): 5.2°
Horizontal Field Angle (10%): 7.4°
Vertical Field Angle (10%): 7.4°
Horizontal Cutoff Angle (3%): 8.6°
Vertical Cutoff Angle (3%): 8.6°

Conditions

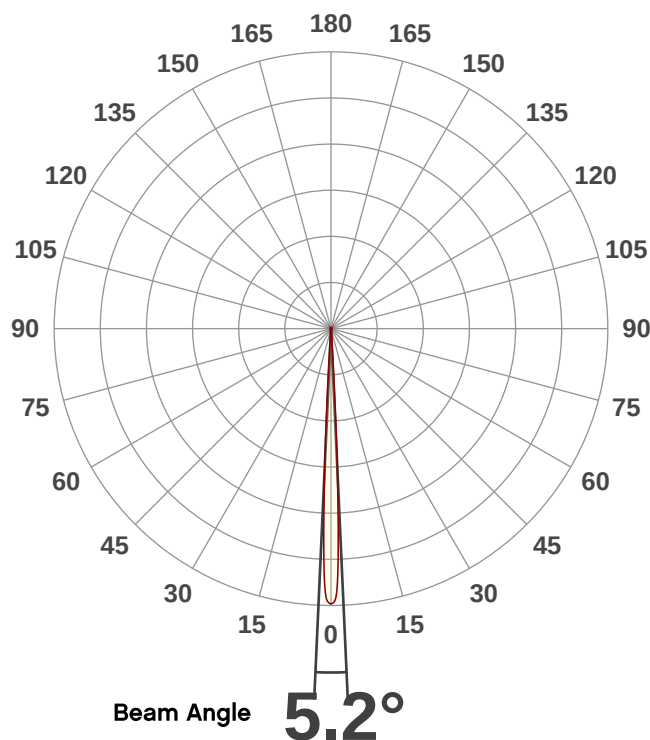
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



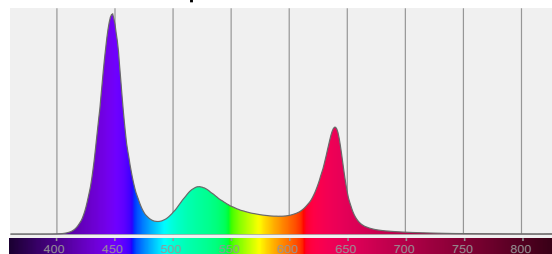
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Overall Measurement

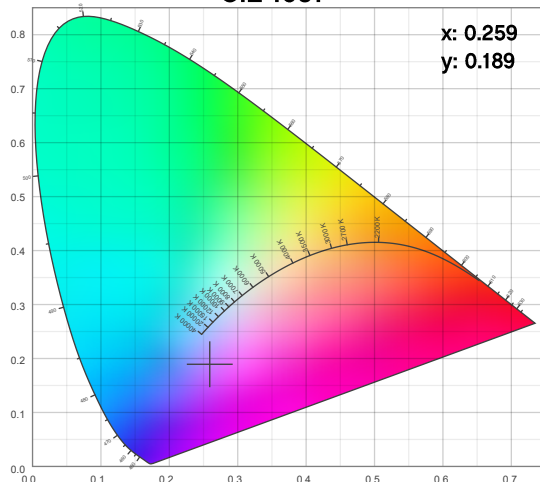
Angular Beam Distribution



Spectral Distribution



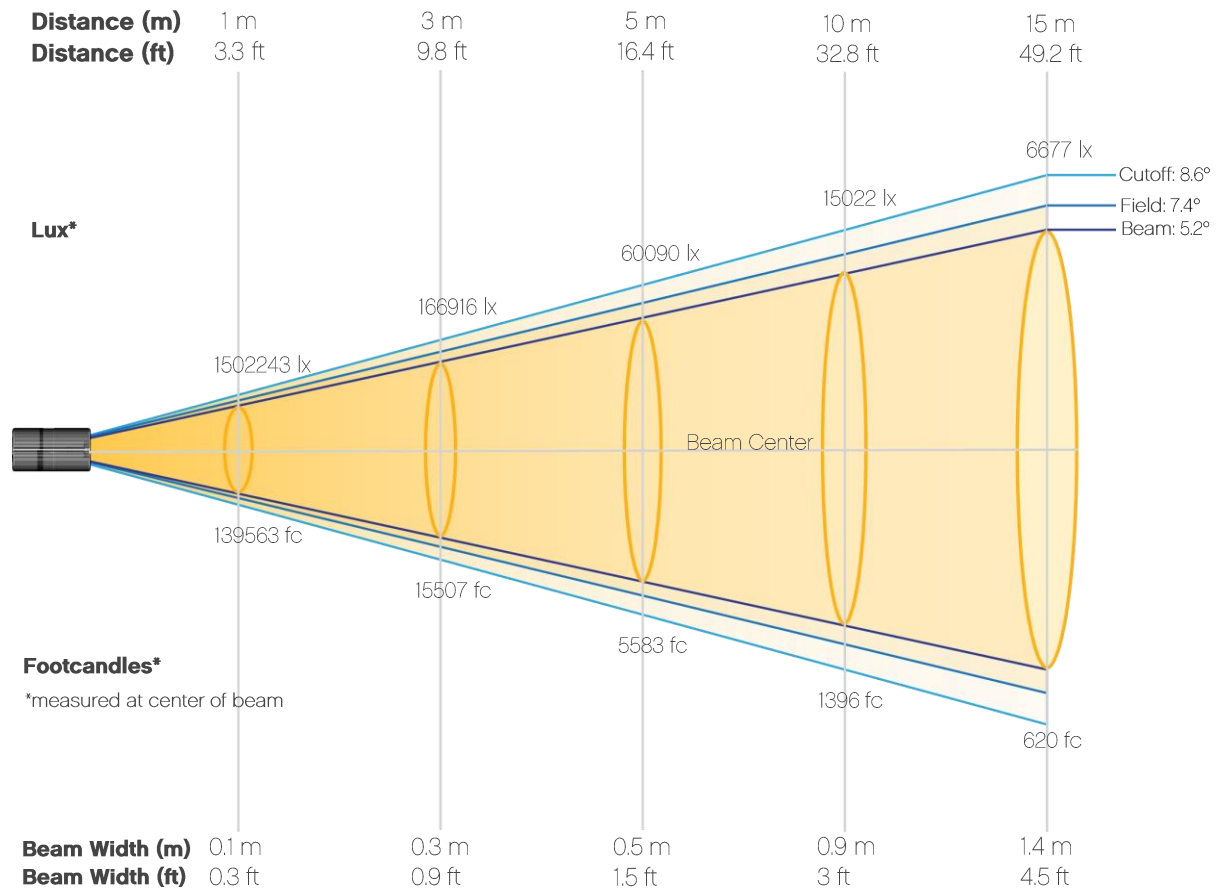
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

Beam Details



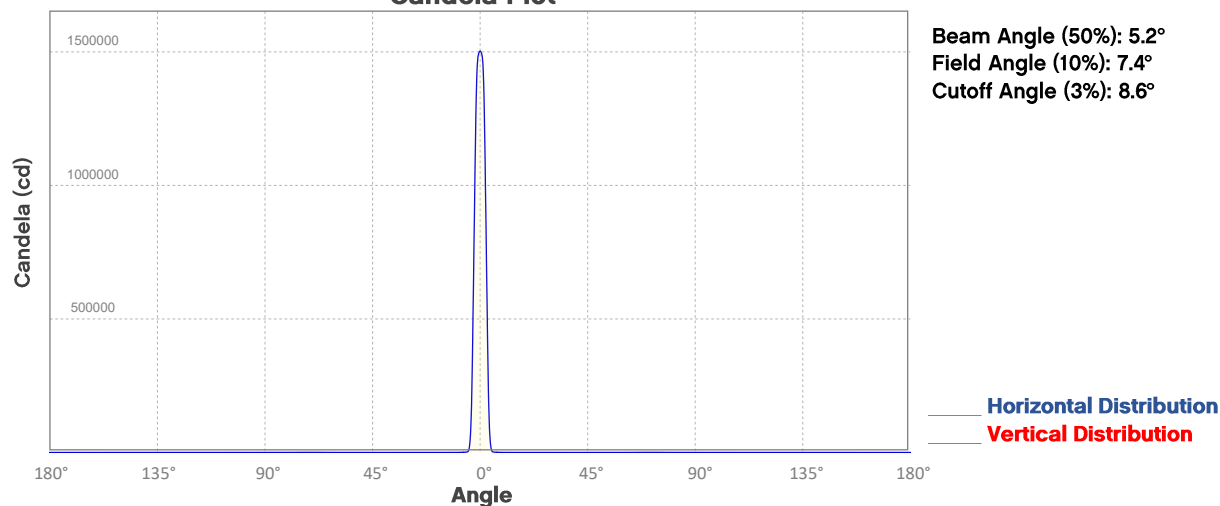
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1502243	375561	166916	93890	60090	41729	30658	23473	18546	15022
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	12415	10432	8889	7665	6677	5868	5198	4637	4161	3756
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	139563	34891	15507	8723	5583	3877	2848	2181	1723	1396
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1153	969	826	712	620	545	483	431	387	349

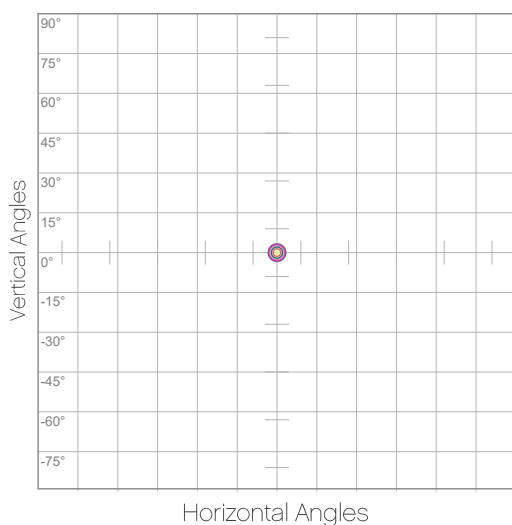
Photometric Report

Maverick MK3 Wash: Full Spot, Full Power

Candela Plot



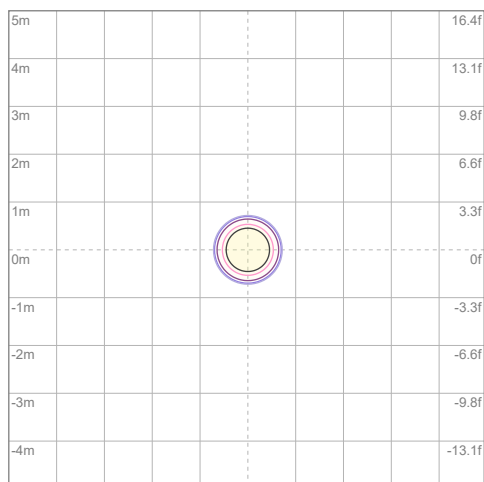
Polar Diagrams



iso-candela Diagram

10%	150224 cd
20%	300449 cd
30%	450673 cd
40%	600897 cd
50%	751122 cd
60%	901346 cd
70%	1051570 cd
80%	1201795 cd
90%	1352019 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1502243 cd



iso-illuminance Diagram

3%	451 lx
5%	751 lx
10%	1502 lx
30%	4507 lx
50%	7511 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 15.0K lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

Report Summary

Output

Total Lumens: 3232 lm
Peak Intensity: 321718 cd
Illuminance @ 5m: 12869 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 5.2°
Vertical Beam Angle (50%): 5.2°
Horizontal Field Angle (10%): 7.5°
Vertical Field Angle (10%): 7.5°
Horizontal Cutoff Angle (3%): 9°
Vertical Cutoff Angle (3%): 9°

Conditions

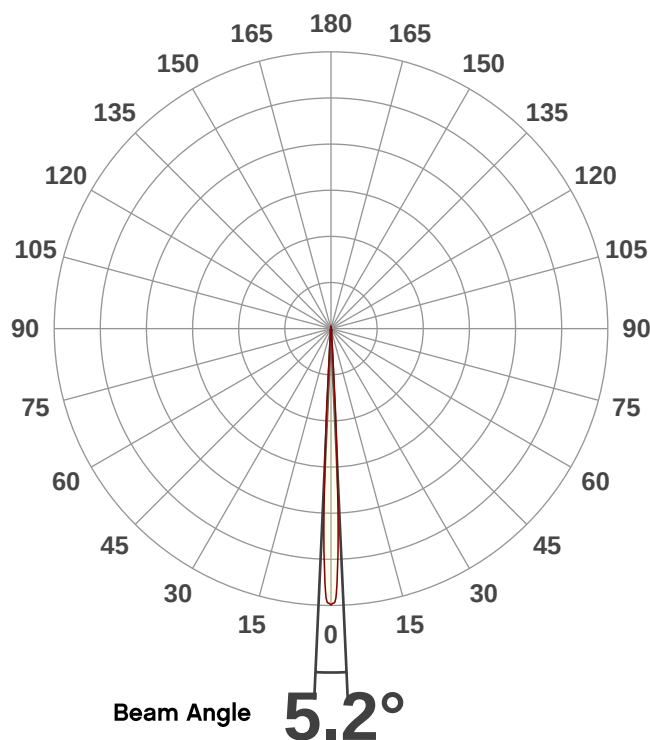
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



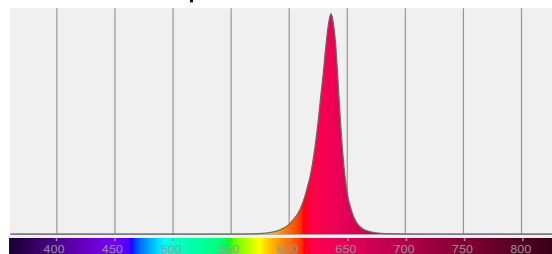
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Overall Measurement

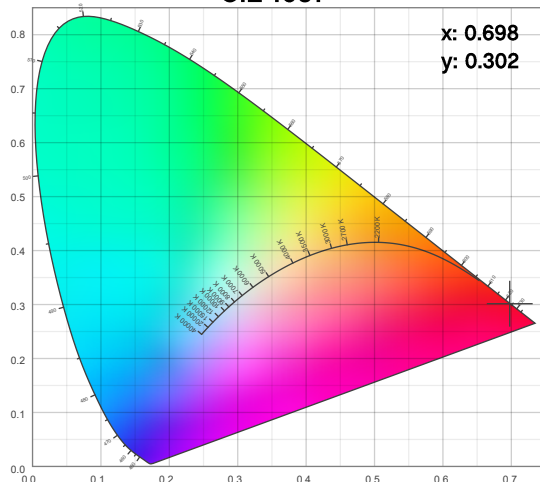
Angular Beam Distribution



Spectral Distribution



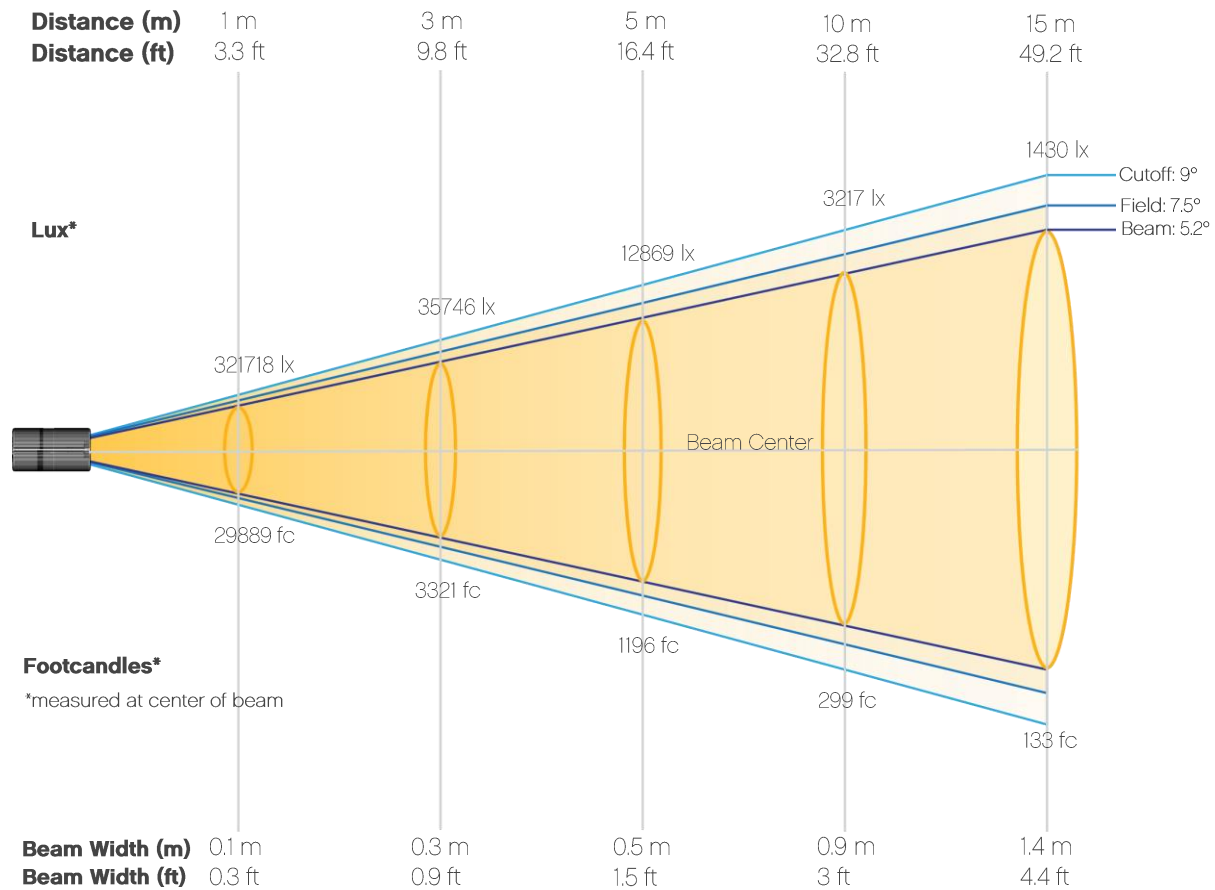
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

Beam Details



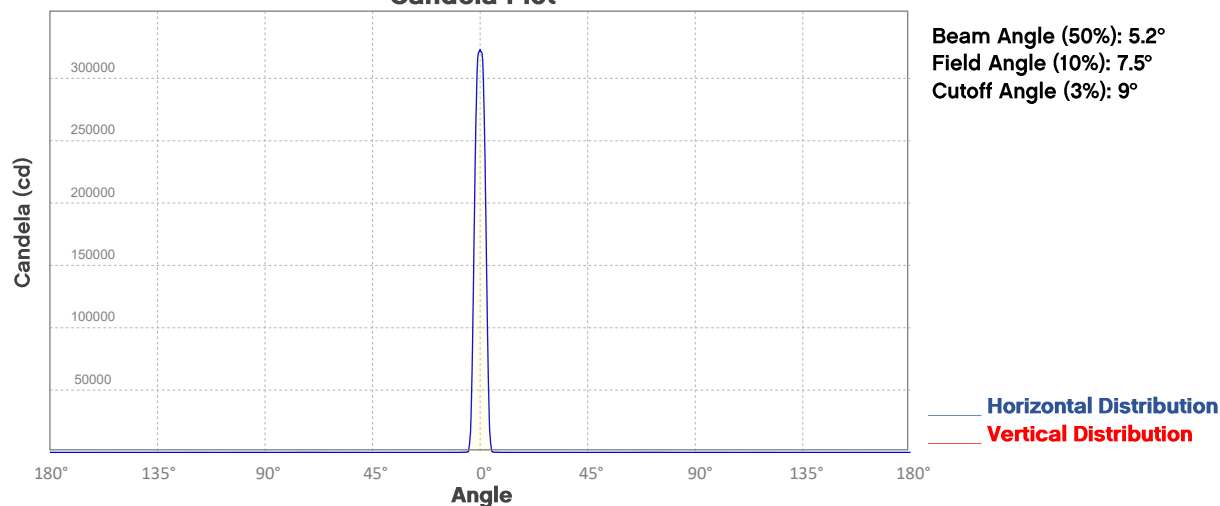
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	321718	80429	35746	20107	12869	8937	6566	5027	3972	3217
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2659	2234	1904	1641	1430	1257	1113	993	891	804
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	29889	7472	3321	1868	1196	830	610	467	369	299
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	247	208	177	152	133	117	103	92	83	75

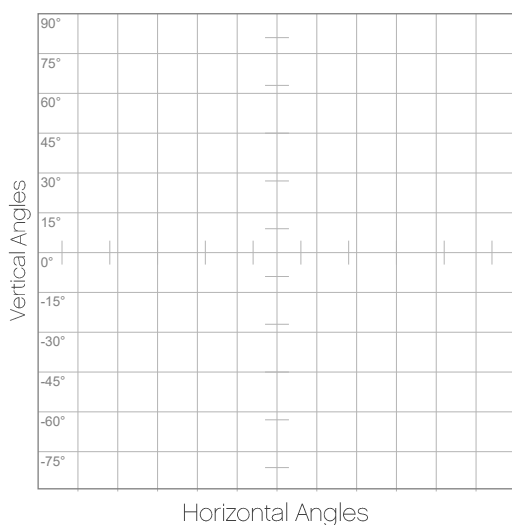
Photometric Report

Maverick MK3 Wash: Full Spot, Red Only

Candela Plot



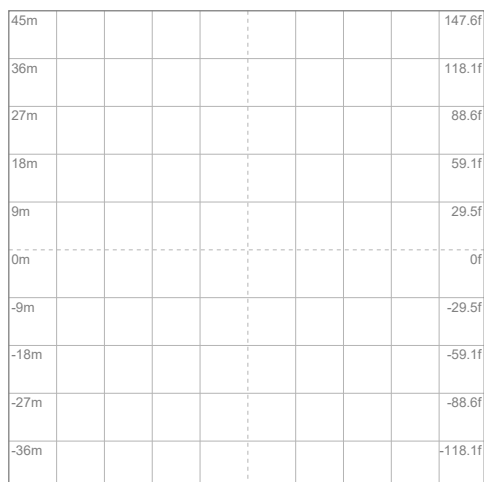
Polar Diagrams



iso-candela Diagram

10%	32172 cd
20%	64344 cd
30%	96515 cd
40%	128687 cd
50%	160859 cd
60%	193031 cd
70%	225202 cd
80%	257374 cd
90%	289546 cd

Conditions:
Number of c-planes: 2
Candela at center: 321718 cd



iso-illuminance Diagram

3%	96.5 lx
5%	161 lx
10%	322 lx
30%	965 lx
50%	1609 lx

Conditions:
Number of c-planes: 2
Lux at center: 3217 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

Report Summary

Output

Total Lumens: 4135 lm
Peak Intensity: 482576 cd
Illuminance @ 5m: 19303 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 5.2°
Vertical Beam Angle (50%): 5.2°
Horizontal Field Angle (10%): 7.4°
Vertical Field Angle (10%): 7.4°
Horizontal Cutoff Angle (3%): 8.6°
Vertical Cutoff Angle (3%): 8.6°

Conditions

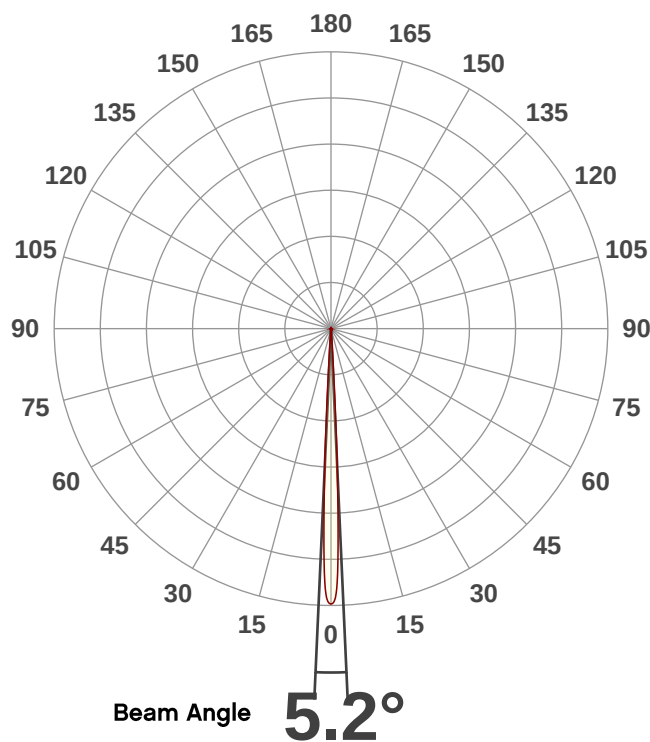
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



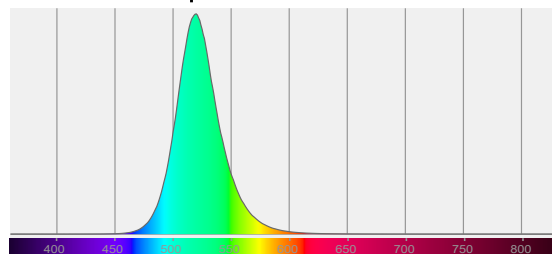
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Overall Measurement

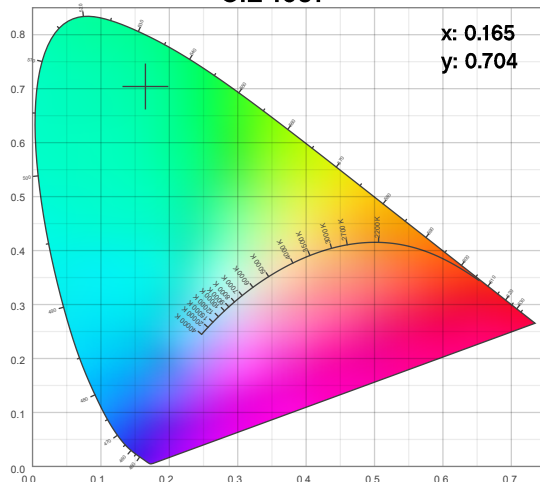
Angular Beam Distribution



Spectral Distribution



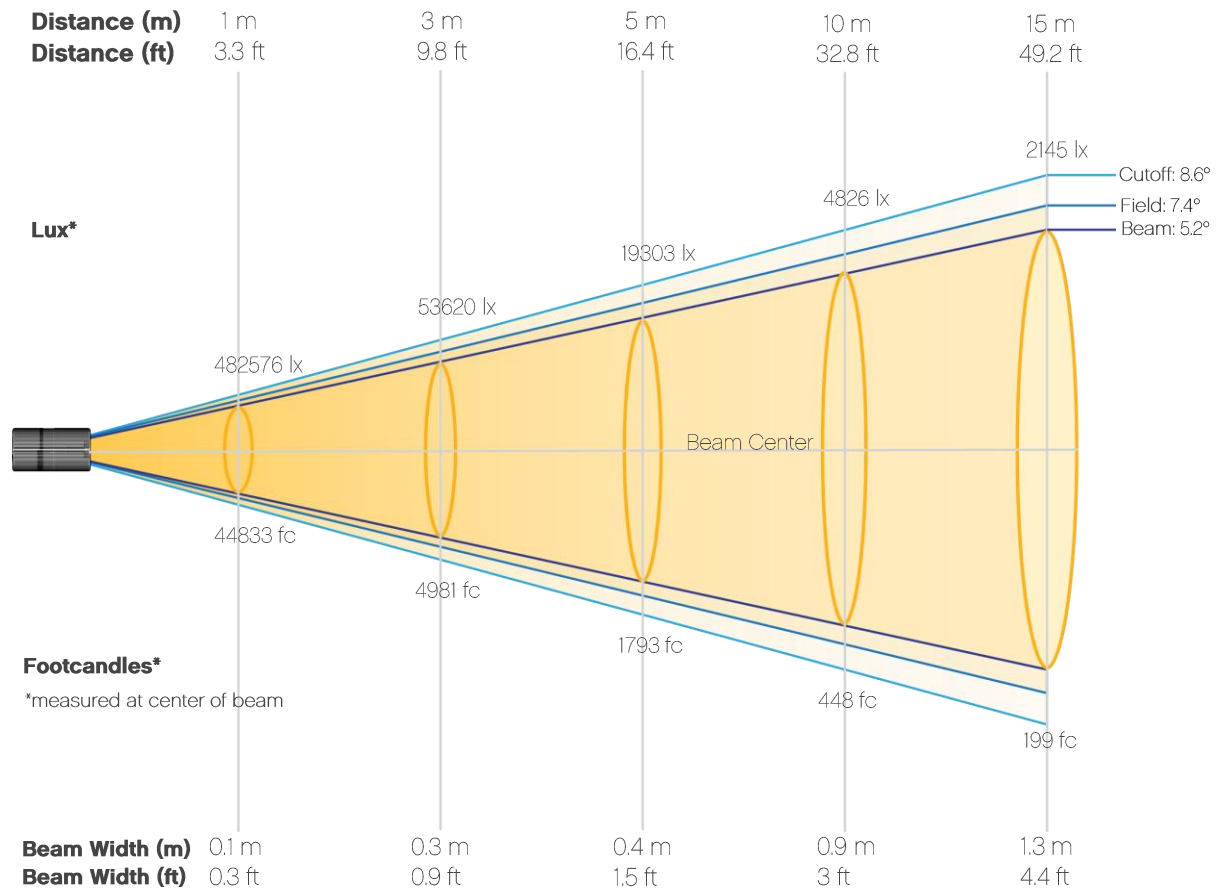
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

Beam Details



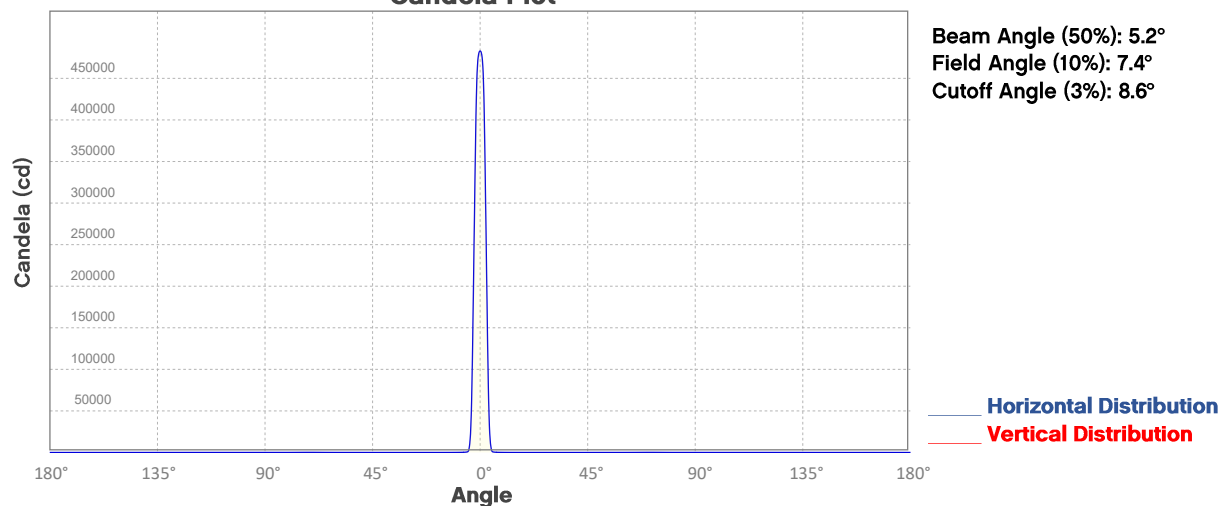
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	482576	120644	53620	30161	19303	13405	9848	7540	5958	4826
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3988	3351	2855	2462	2145	1885	1670	1489	1337	1206
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	44833	11208	4981	2802	1793	1245	915	701	553	448
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	371	311	265	229	199	175	155	138	124	112

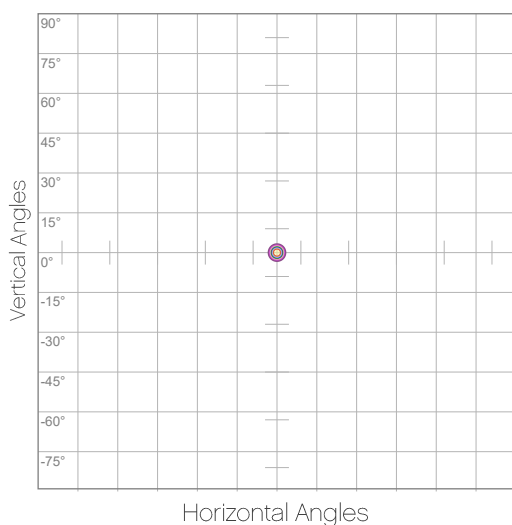
Photometric Report

Maverick MK3 Wash: Full Spot, Green Only

Candela Plot



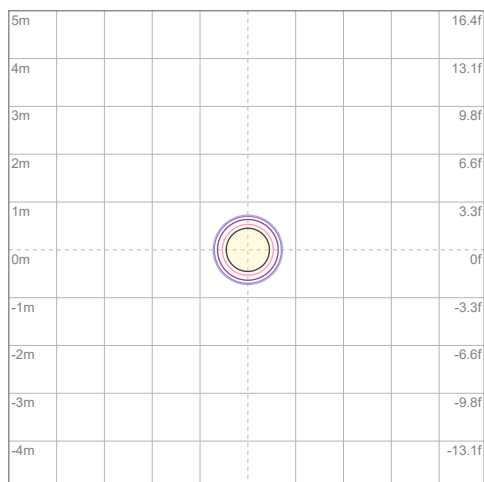
Polar Diagrams



iso-candela Diagram

10%	48258 cd
20%	96515 cd
30%	144773 cd
40%	193031 cd
50%	241288 cd
60%	289546 cd
70%	337803 cd
80%	386061 cd
90%	434319 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 482576 cd



iso-illuminance Diagram

3%	145 lx
5%	241 lx
10%	483 lx
30%	1448 lx
50%	2413 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 4826 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only

Report Summary

Output

Total Lumens: 1708 lm
Peak Intensity: 117478 cd
Illuminance @ 5m: 4699 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 5.1°
Vertical Beam Angle (50%): 5.1°
Horizontal Field Angle (10%): 7.6°
Vertical Field Angle (10%): 7.6°
Horizontal Cutoff Angle (3%): 8.9°
Vertical Cutoff Angle (3%): 8.9°

Conditions

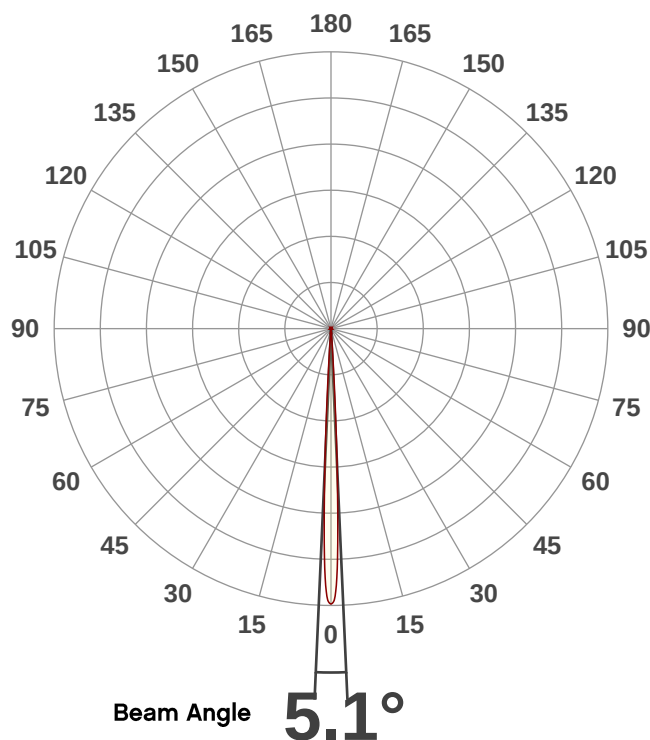
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



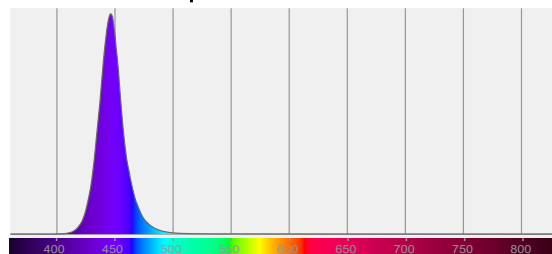
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Overall Measurement

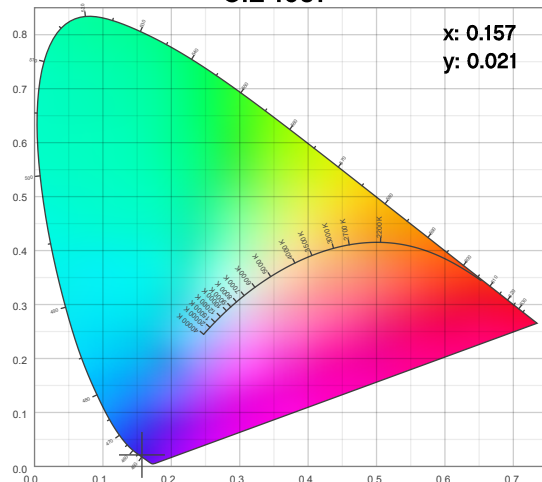
Angular Beam Distribution



Spectral Distribution



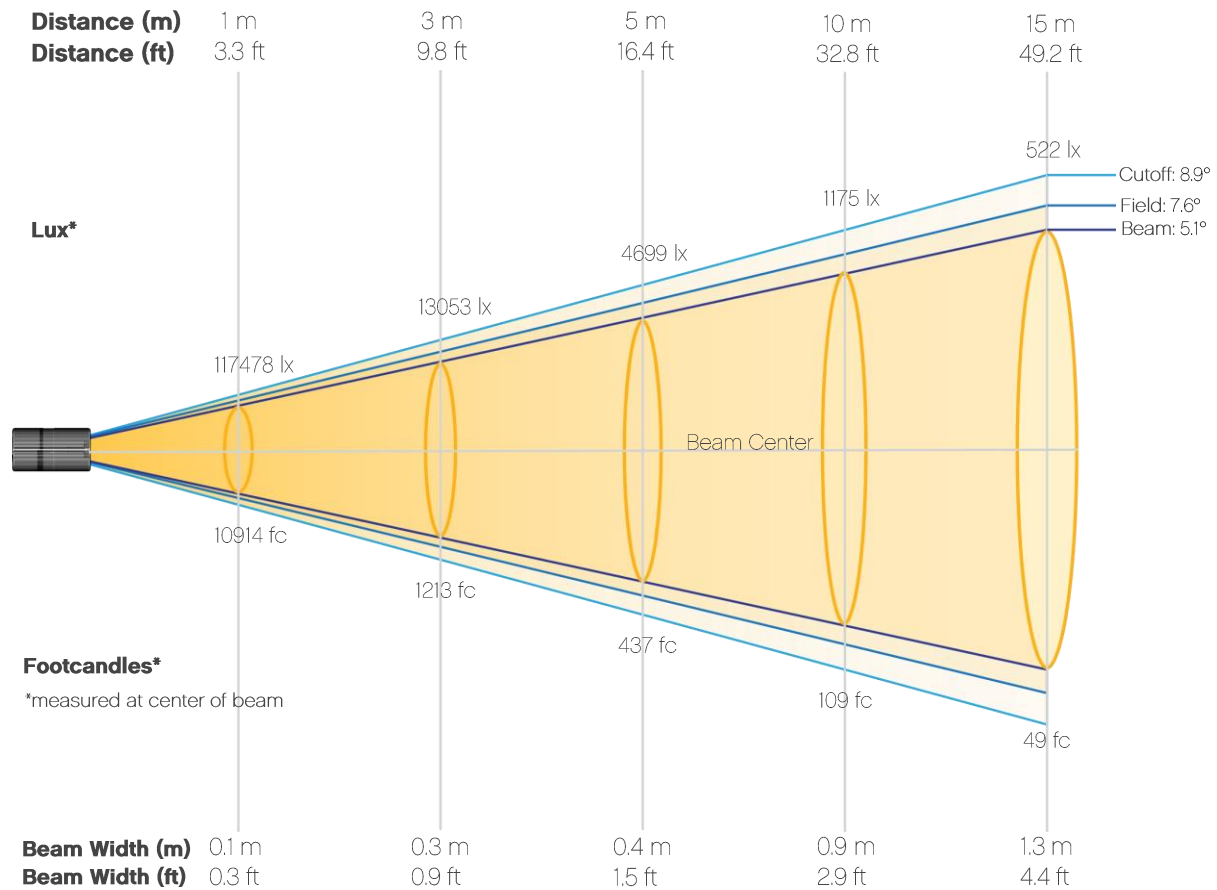
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only

Beam Details



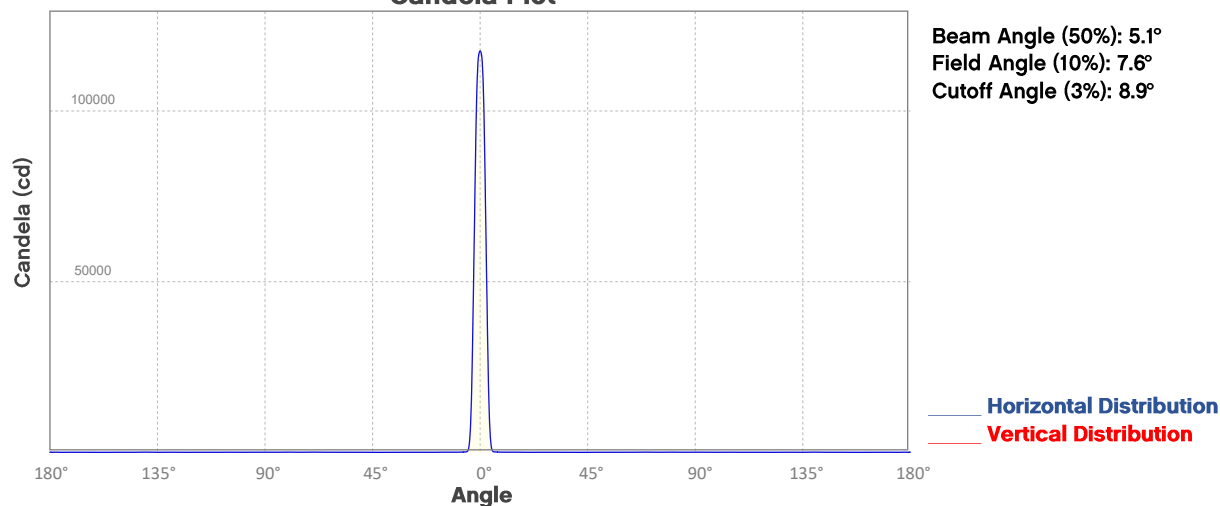
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	117478	29369	13053	7342	4699	3263	2398	1836	1450	1175
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	971	816	695	599	522	459	406	363	325	294
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10914	2729	1213	682	437	303	223	171	135	109
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	90	76	65	56	49	43	38	34	30	27

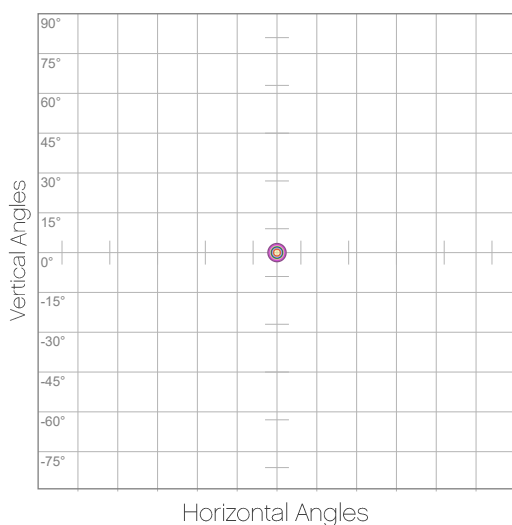
Photometric Report

Maverick MK3 Wash: Full Spot, Blue Only

Candela Plot



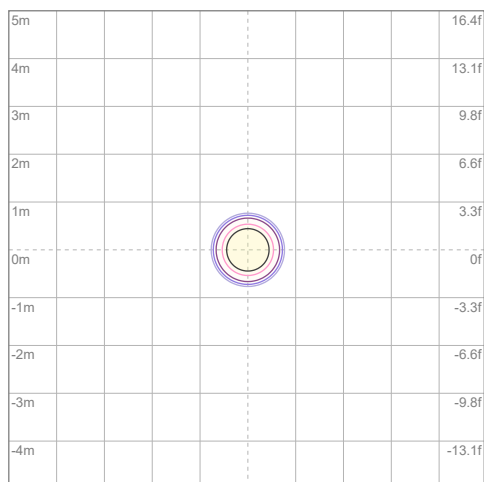
Polar Diagrams



iso-candela Diagram

10%	11748 cd
20%	23496 cd
30%	35243 cd
40%	46991 cd
50%	58739 cd
60%	70487 cd
70%	82234 cd
80%	93982 cd
90%	105730 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 117478 cd



iso-illuminance Diagram

3%	35.2 lx
5%	58.7 lx
10%	117 lx
30%	352 lx
50%	587 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 1175 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, White Only

Report Summary

Output

Total Lumens: 4360 lm
Peak Intensity: 555000 cd
Illuminance @ 5m: 22200 lux
Fixture Efficacy: 119 lm/W

Optical

Horizontal Beam Angle (50%): 4.8°
Vertical Beam Angle (50%): 4.8°
Horizontal Field Angle (10%): 8.2°
Vertical Field Angle (10%): 8.2°
Horizontal Cutoff Angle (3%): 9.6°
Vertical Cutoff Angle (3%): 9.6°

Conditions

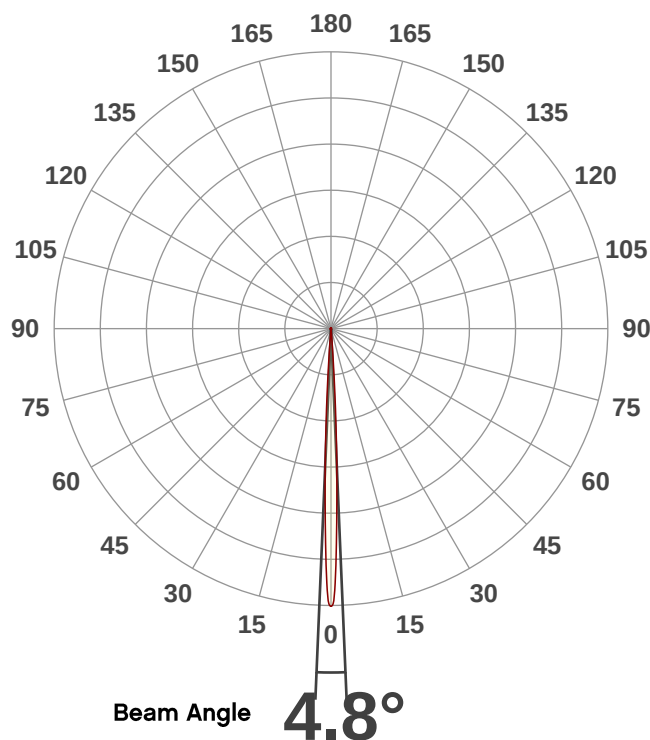
AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a



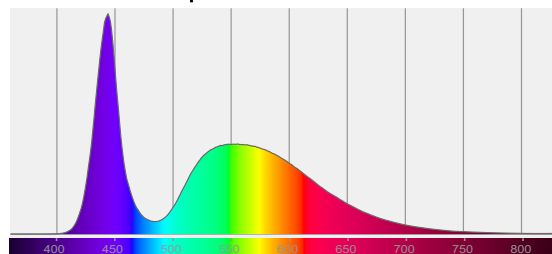
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Overall Measurement

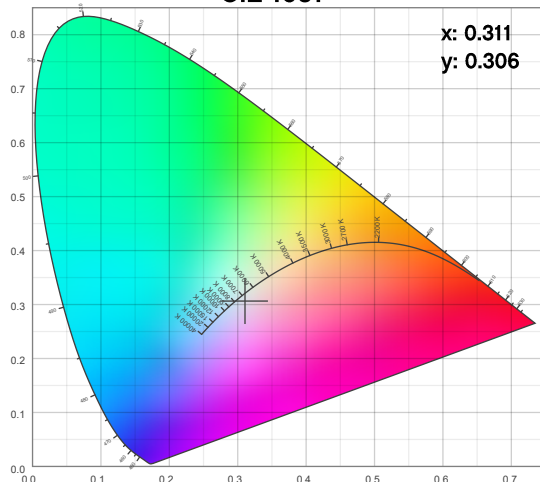
Angular Beam Distribution



Spectral Distribution



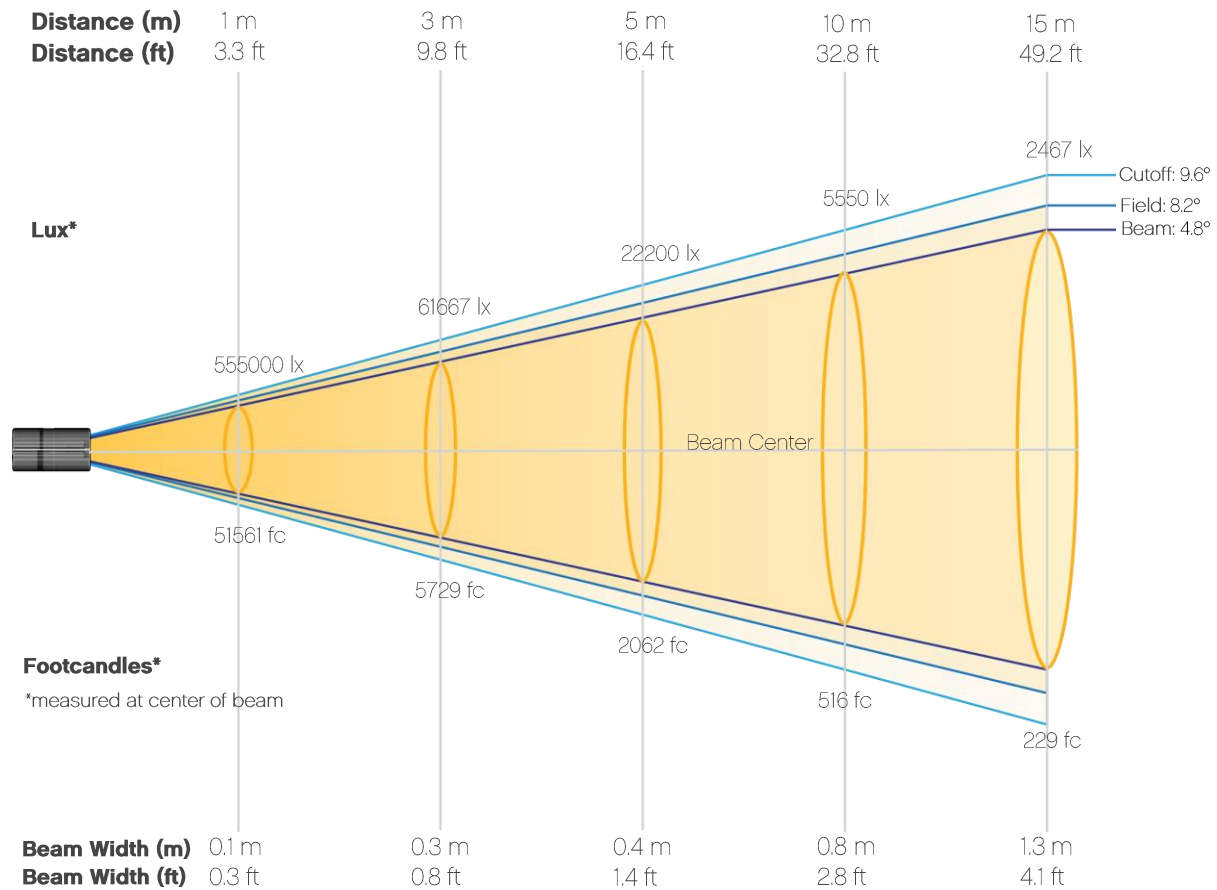
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, White Only

Beam Details



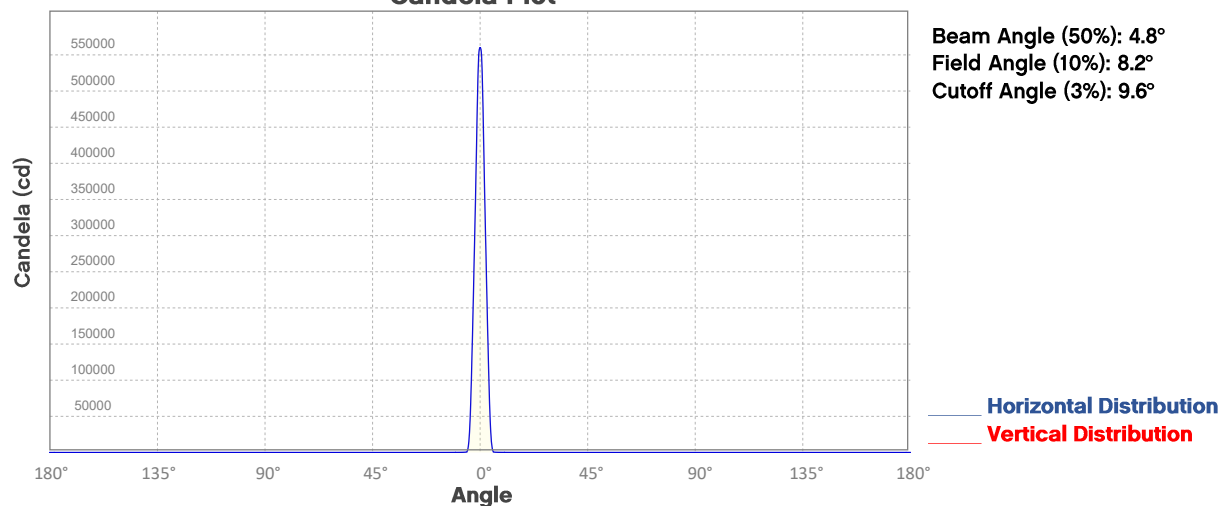
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	555000	138750	61667	34688	22200	15417	11327	8672	6852	5550
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	4587	3854	3284	2832	2467	2168	1920	1713	1537	1388
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	51561	12890	5729	3223	2062	1432	1052	806	637	516
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	426	358	305	263	229	201	178	159	143	129

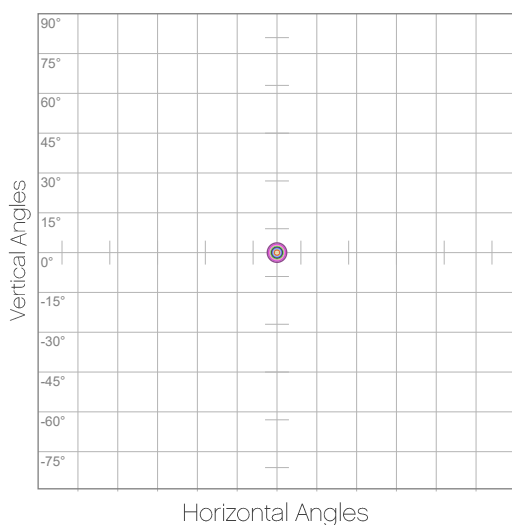
Photometric Report

Maverick MK3 Wash: Full Spot, White Only

Candela Plot



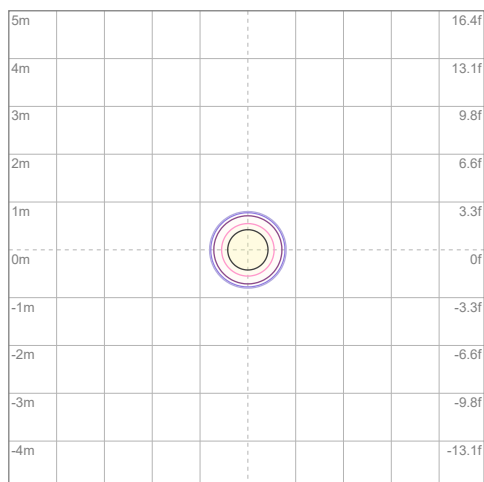
Polar Diagrams



iso-candela Diagram

10%	55500 cd
20%	111000 cd
30%	166500 cd
40%	222000 cd
50%	277500 cd
60%	333000 cd
70%	388500 cd
80%	444000 cd
90%	499500 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 555000 cd



iso-illuminance Diagram

3%	167 lx
5%	278 lx
10%	555 lx
30%	1665 lx
50%	2775 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 5550 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: Full Spot, 7500K

Report Summary

Output

Total Lumens: 10815 lm
Peak Intensity: 1205214 cd
Illuminance @ 5m: 48209 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 5.2°
Vertical Beam Angle (50%): 5.2°
Horizontal Field Angle (10%): 7.8°
Vertical Field Angle (10%): 7.8°
Horizontal Cutoff Angle (3%): 9.3°
Vertical Cutoff Angle (3%): 9.3°

Conditions

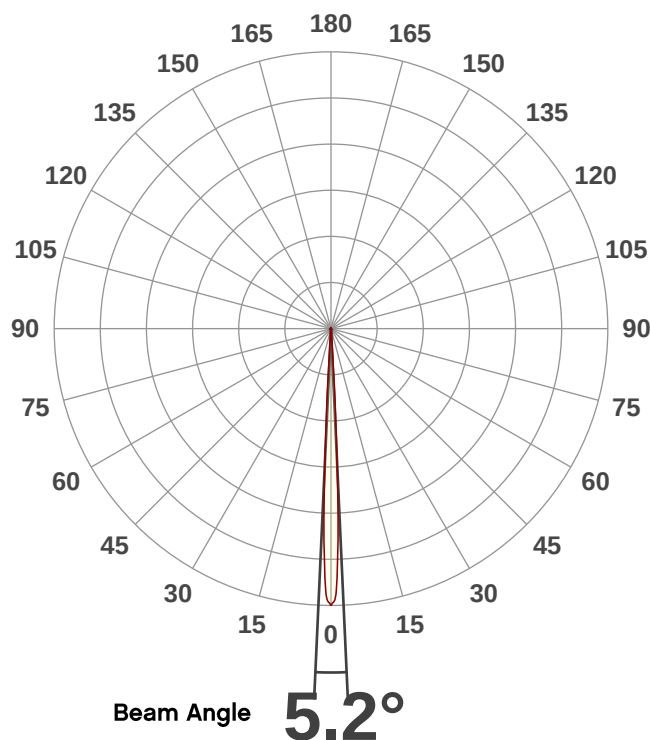
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



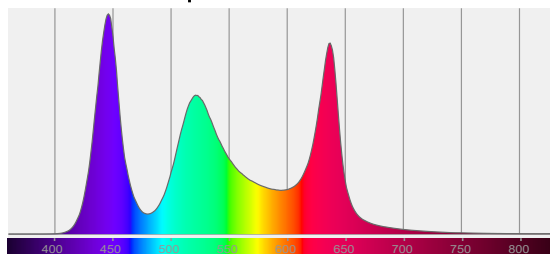
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Overall Measurement

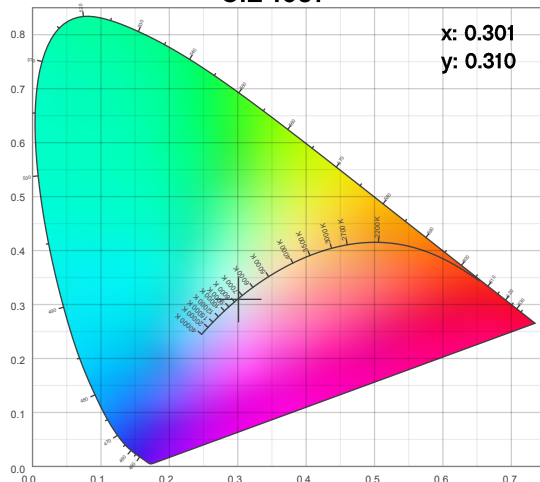
Angular Beam Distribution



Spectral Distribution



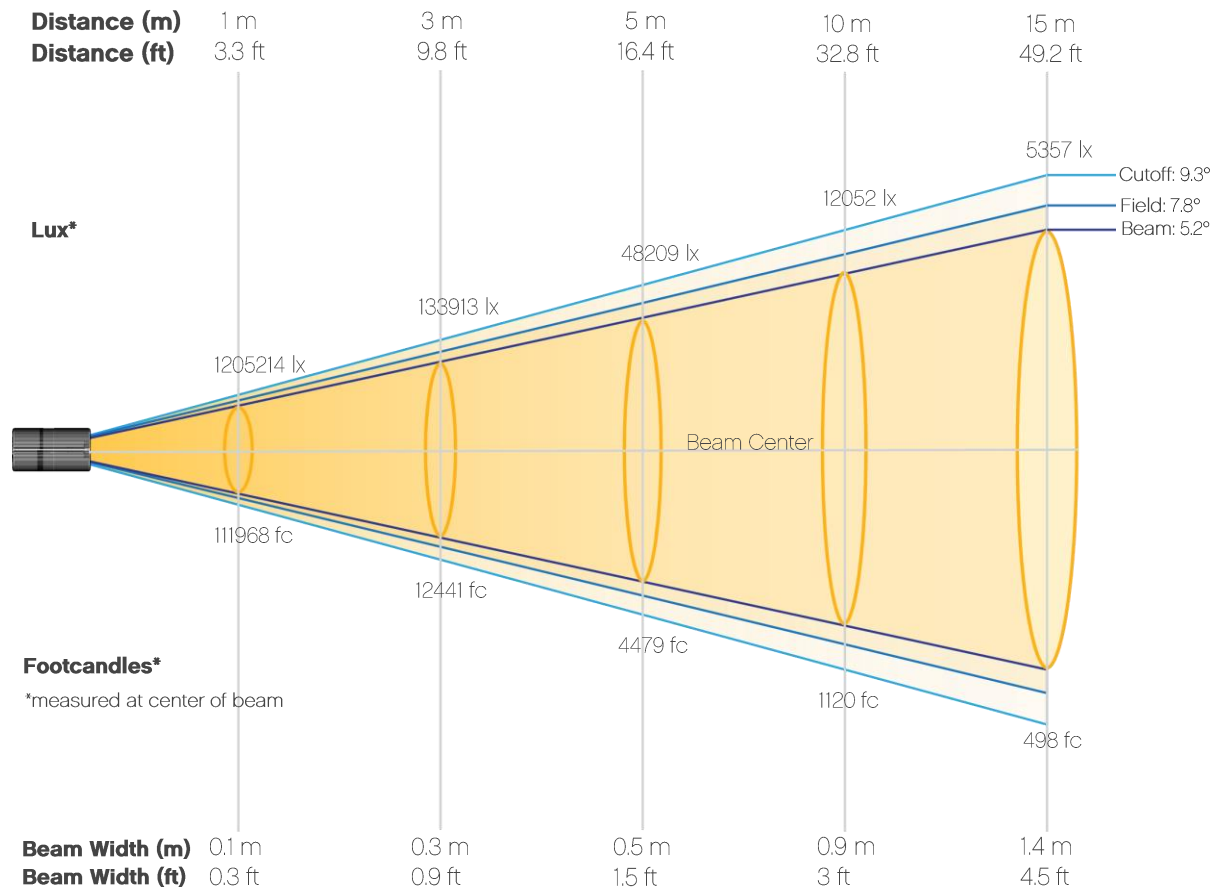
CIE 1931



Photometric Report

Maverick MK3 Wash: Full Spot, 7500K

Beam Details



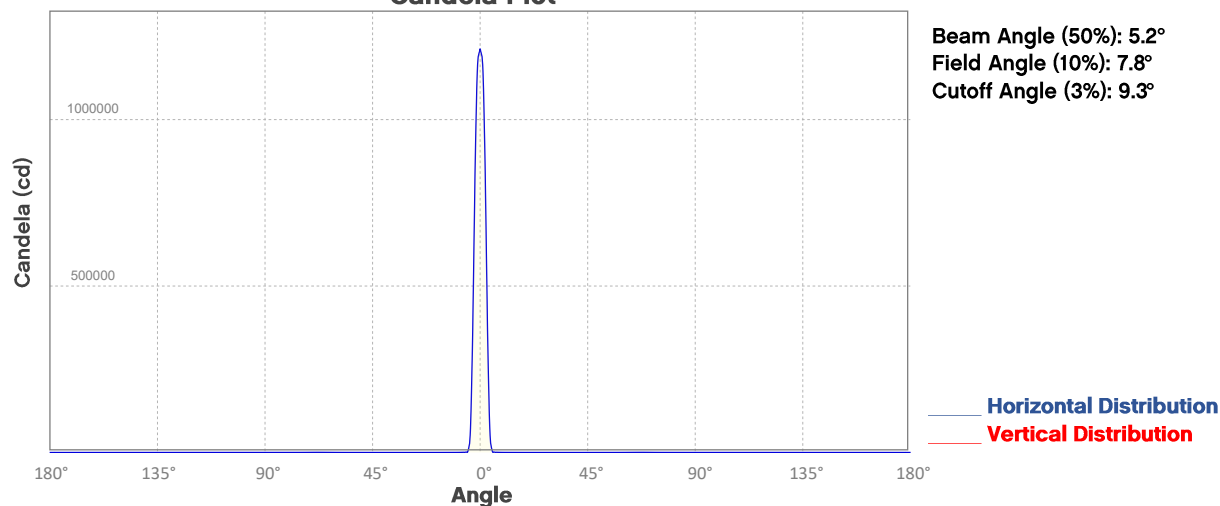
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1205214	301304	133913	75326	48209	33478	24596	18831	14879	12052
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	9960	8370	7131	6149	5357	4708	4170	3720	3339	3013
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	111968	27992	12441	6998	4479	3110	2285	1750	1382	1120
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	925	778	663	571	498	437	387	346	310	280

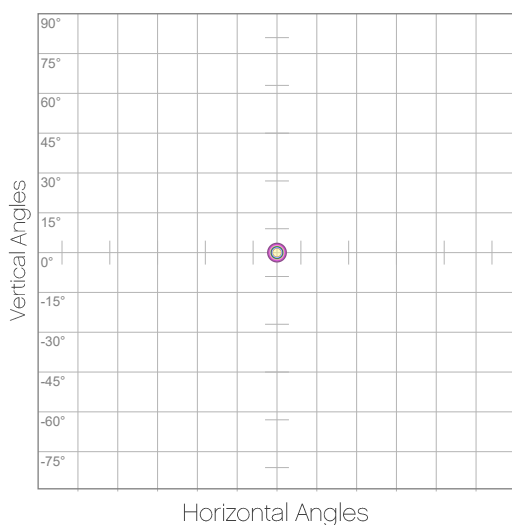
Photometric Report

Maverick MK3 Wash: Full Spot, 7500K

Candela Plot



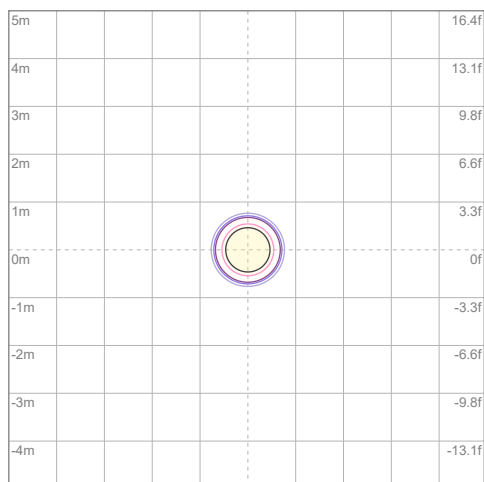
Polar Diagrams



iso-candela Diagram

10%	120521 cd
20%	241043 cd
30%	361564 cd
40%	482086 cd
50%	602607 cd
60%	723129 cd
70%	843650 cd
80%	964171 cd
90%	1084693 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1205214 cd



iso-illuminance Diagram

3%	362 lx
5%	603 lx
10%	1205 lx
30%	3616 lx
50%	6026 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 12.1K lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 17418 lm
Peak Intensity: 207982 cd
Illuminance @ 5m: 8319 lux
Fixture Efficacy: 15 lm/W

Optical

Horizontal Beam Angle (50%): 16.9°
Vertical Beam Angle (50%): 16.9°
Horizontal Field Angle (10%): 23.8°
Vertical Field Angle (10%): 23.8°
Horizontal Cutoff Angle (3%): 26.7°
Vertical Cutoff Angle (3%): 26.7°

Conditions

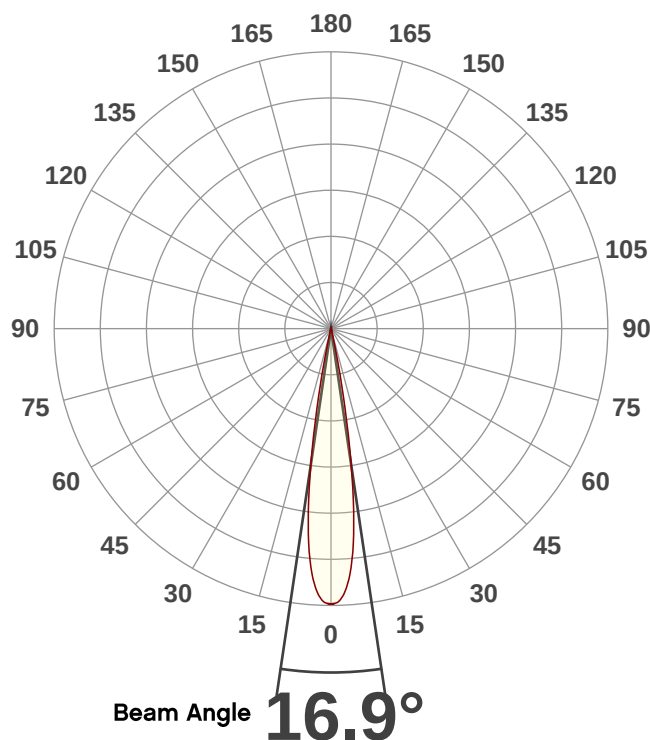
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



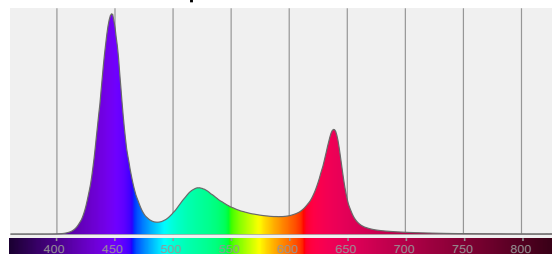
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Overall Measurement

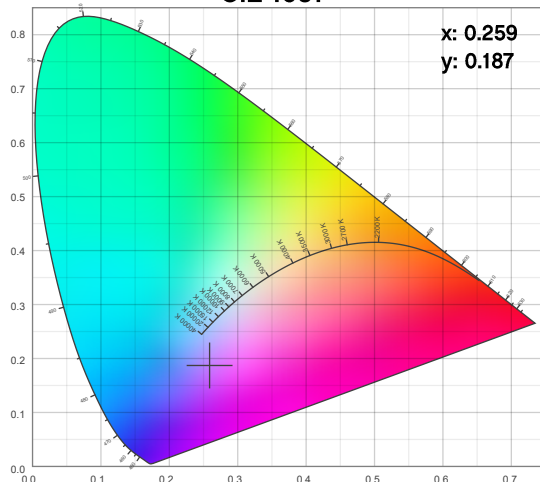
Angular Beam Distribution



Spectral Distribution



CIE 1931



Maverick MK3 Wash: 50% Zoom, Full Power

Distance (m)

Distance (ft) 3.3 ft

3 m

9.8 ft

5 m

16.4 ft

10 m

32.8 ft

15 m

49.2 ft

Lux*

924 lx

- Cutoff: 26.7°

- Field: 23.8°

- Beam: 16.9°

2080 lx

8319 lx

23109 lx

207982 lx

19322 fc

2147 fc

773 fc

193 fC

86 fc

Footcandles*

*measured at center of beam

Beam Width (m) 0.3 m

Beam Width (ft) 1 ft

0.9 m

2.9 ft

1.5 m

4.9 ft

3 m

9.7 ft

4.4 m

14.6 ft

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20798 2	51996	23109	12999	8319	5777	4245	3250	2568	2080
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1719	1444	1231	1061	924	812	720	642	576	520
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	19322	4831	2147	1208	773	537	394	302	239	193
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	160	134	114	99	86	75	67	60	54	48

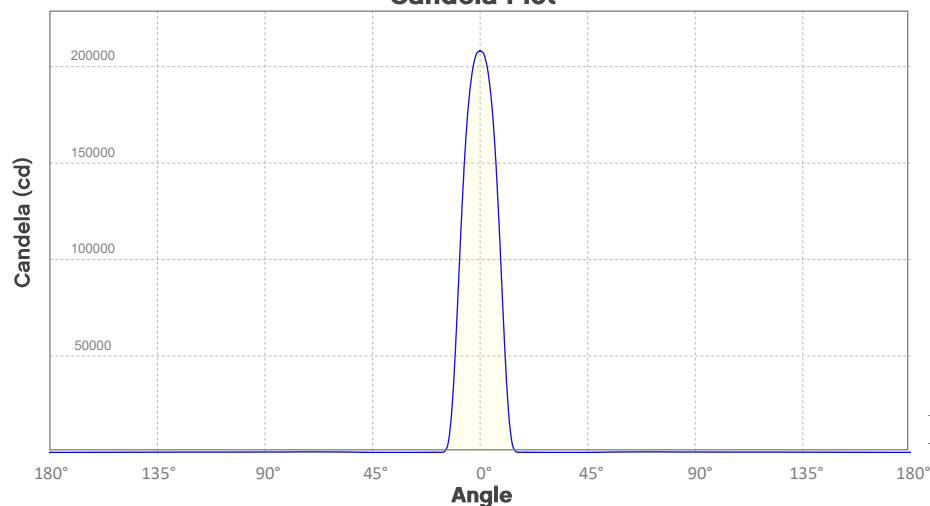
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All product specifications, measurements and dimensions are subject to change without notice

Photometric Report

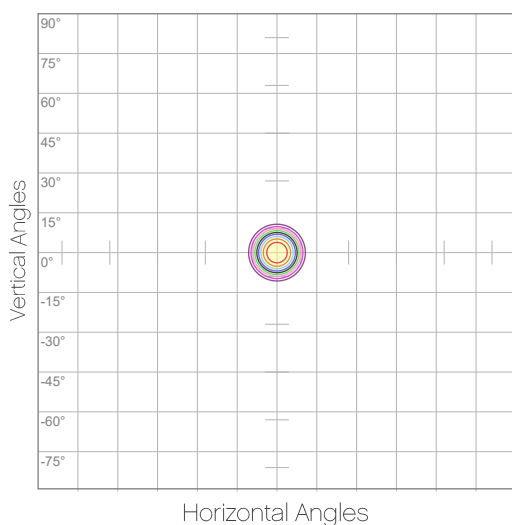
Maverick MK3 Wash: 50% Zoom, Full Power

Candela Plot



Beam Angle (50%): 16.9°
Field Angle (10%): 23.8°
Cutoff Angle (3%): 26.7°

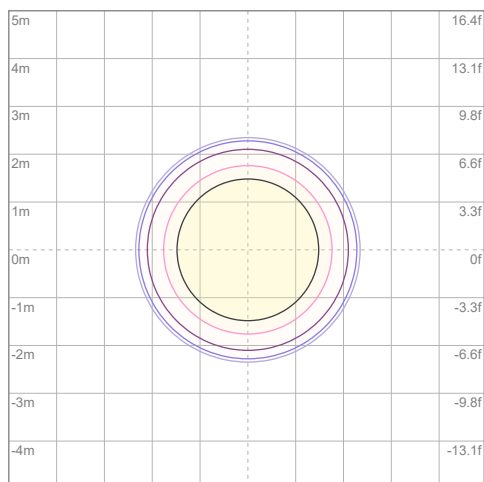
Polar Diagrams



iso-candela Diagram

10%	20798 cd
20%	41596 cd
30%	62395 cd
40%	83193 cd
50%	103991 cd
60%	124789 cd
70%	145587 cd
80%	166386 cd
90%	187184 cd

Conditions:
Number of c-planes: 2
Candela at center: 207982 cd



iso-illuminance Diagram

3%	62.4 lx
5%	104 lx
10%	208 lx
30%	624 lx
50%	1040 lx

Conditions:
Number of c-planes: 2
Lux at center: 2080 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, Red Only

Report Summary

Output

Total Lumens: 3517 lm

Peak Intensity: 43031 cd

Illuminance @ 5m: 1721 lux

Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 16.5°

Vertical Beam Angle (50%): 16.5°

Horizontal Field Angle (10%): 23.7°

Vertical Field Angle (10%): 23.7°

Horizontal Cutoff Angle (3%): 26.8°

Vertical Cutoff Angle (3%): 26.8°



Conditions

AC Supply: 120 V, 0 Hz

Power: 1141.2 W

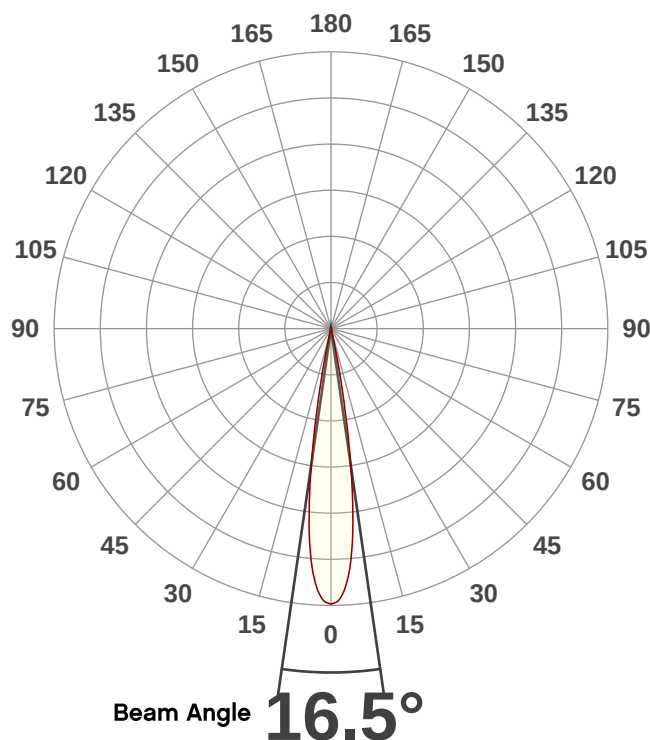
Current: 9.51 A

Power Factor: 1.0

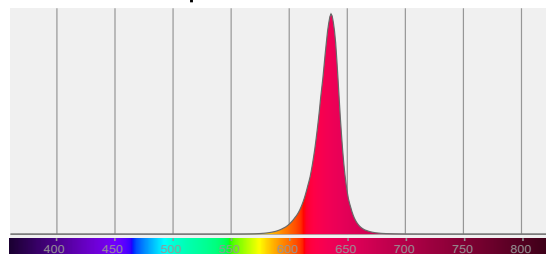
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Overall Measurement

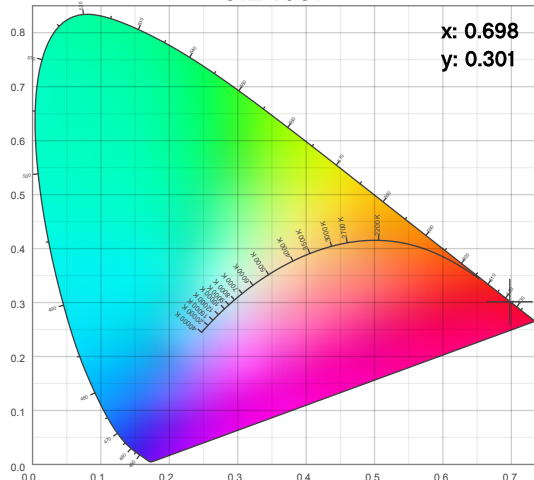
Angular Beam Distribution



Spectral Distribution



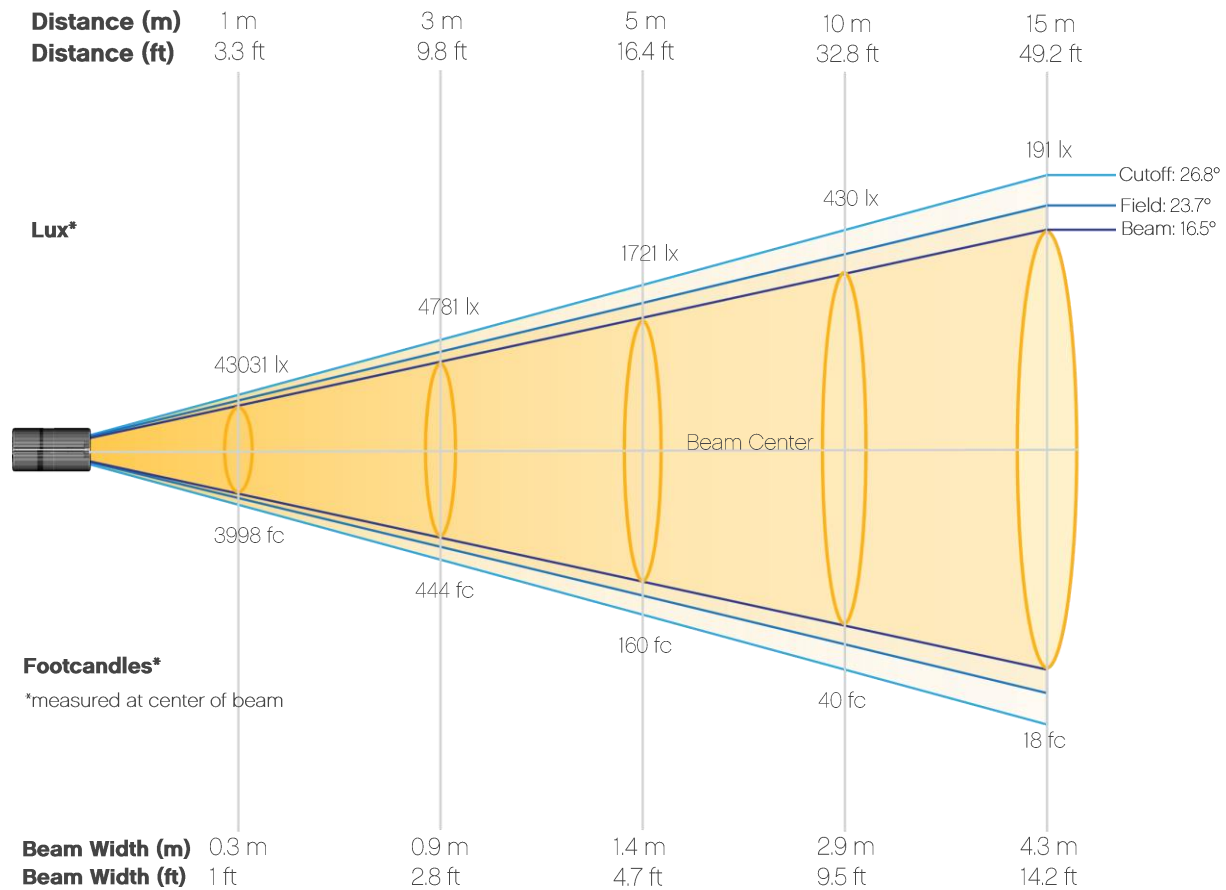
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, Red Only

Beam Details



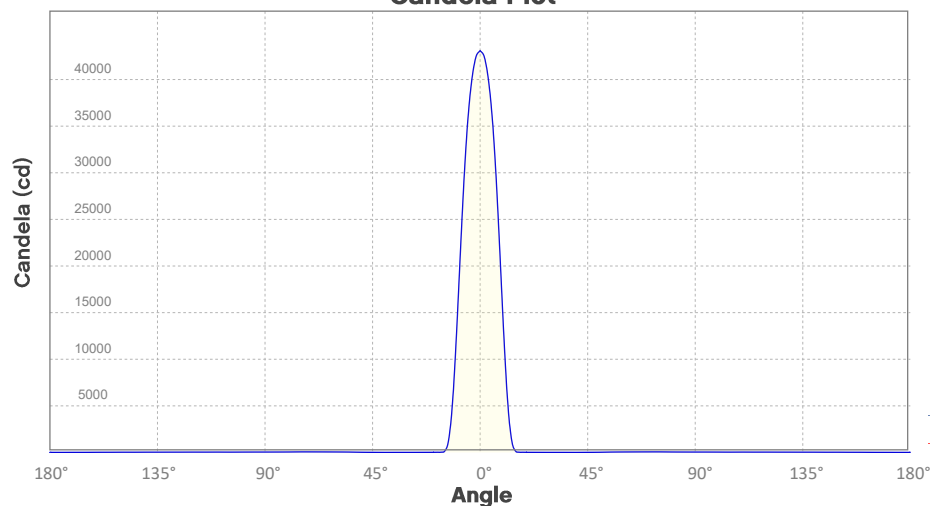
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	43031	10758	4781	2689	1721	1195	878	672	531	430
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	356	299	255	220	191	168	149	133	119	108
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3998	999	444	250	160	111	82	62	49	40
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	33	28	24	20	18	16	14	12	11	10

Photometric Report

Maverick MK3 Wash: 50% Zoom, Red Only

Candela Plot

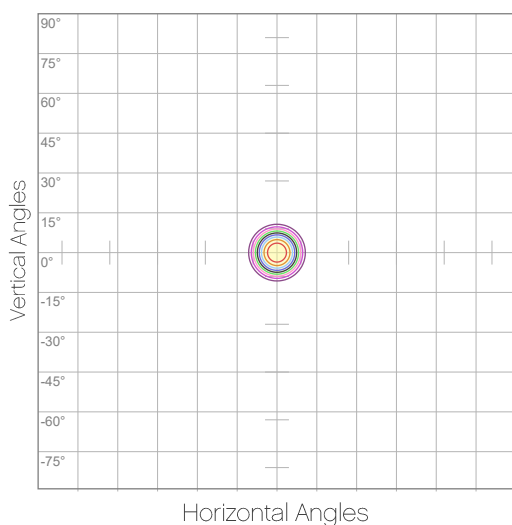


Beam Angle (50%): 16.5°

Field Angle (10%): 23.7°

Cutoff Angle (3%): 26.8°

Polar Diagrams



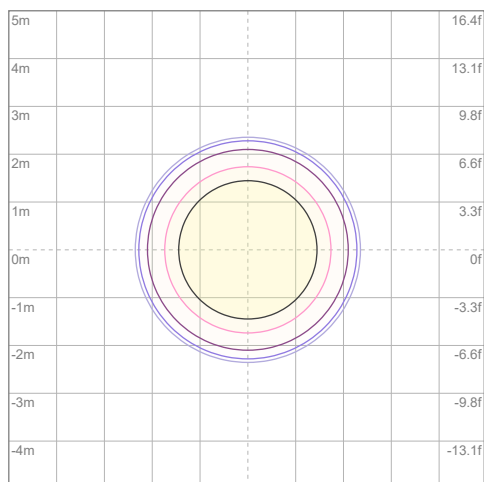
iso-candela Diagram

10%	4303 cd
20%	8606 cd
30%	12909 cd
40%	17212 cd
50%	21516 cd
60%	25819 cd
70%	30122 cd
80%	34425 cd
90%	38728 cd

Conditions:

Number of c-planes: 2

Candela at center: 43031 cd



iso-illuminance Diagram

3%	12.9 lx
5%	21.5 lx
10%	43.0 lx
30%	129 lx
50%	215 lx

Conditions:

Number of c-planes: 2

Lux at center: 430 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

Report Summary

Output

Total Lumens: 5344 lm
Peak Intensity: 65970 cd
Illuminance @ 5m: 2639 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 16.4°
Vertical Beam Angle (50%): 16.4°
Horizontal Field Angle (10%): 23.6°
Vertical Field Angle (10%): 23.6°
Horizontal Cutoff Angle (3%): 26.7°
Vertical Cutoff Angle (3%): 26.7°

Conditions

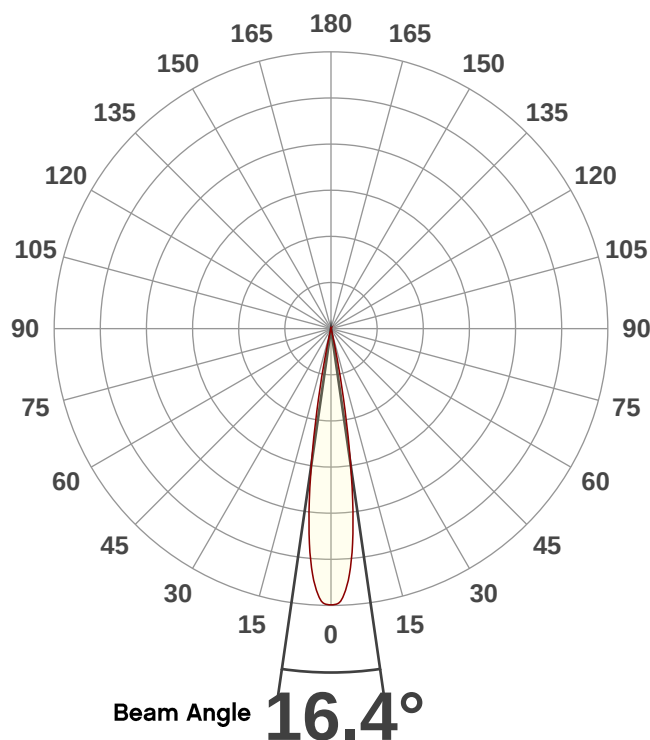
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



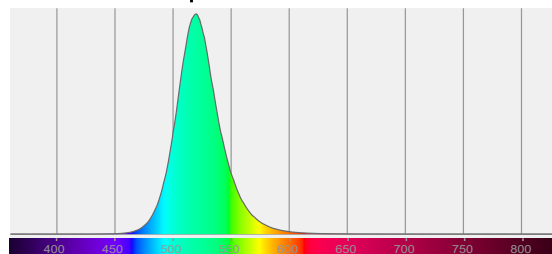
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Overall Measurement

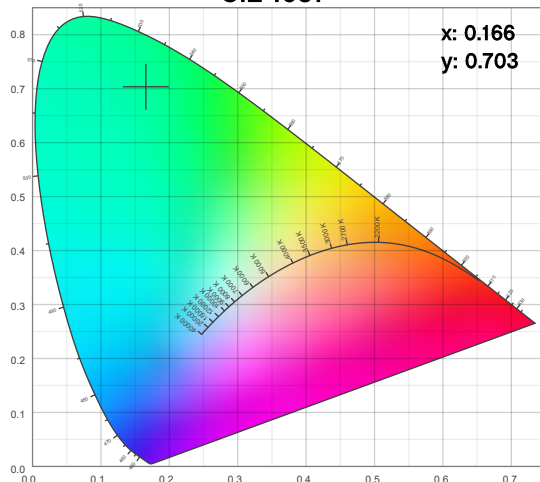
Angular Beam Distribution



Spectral Distribution



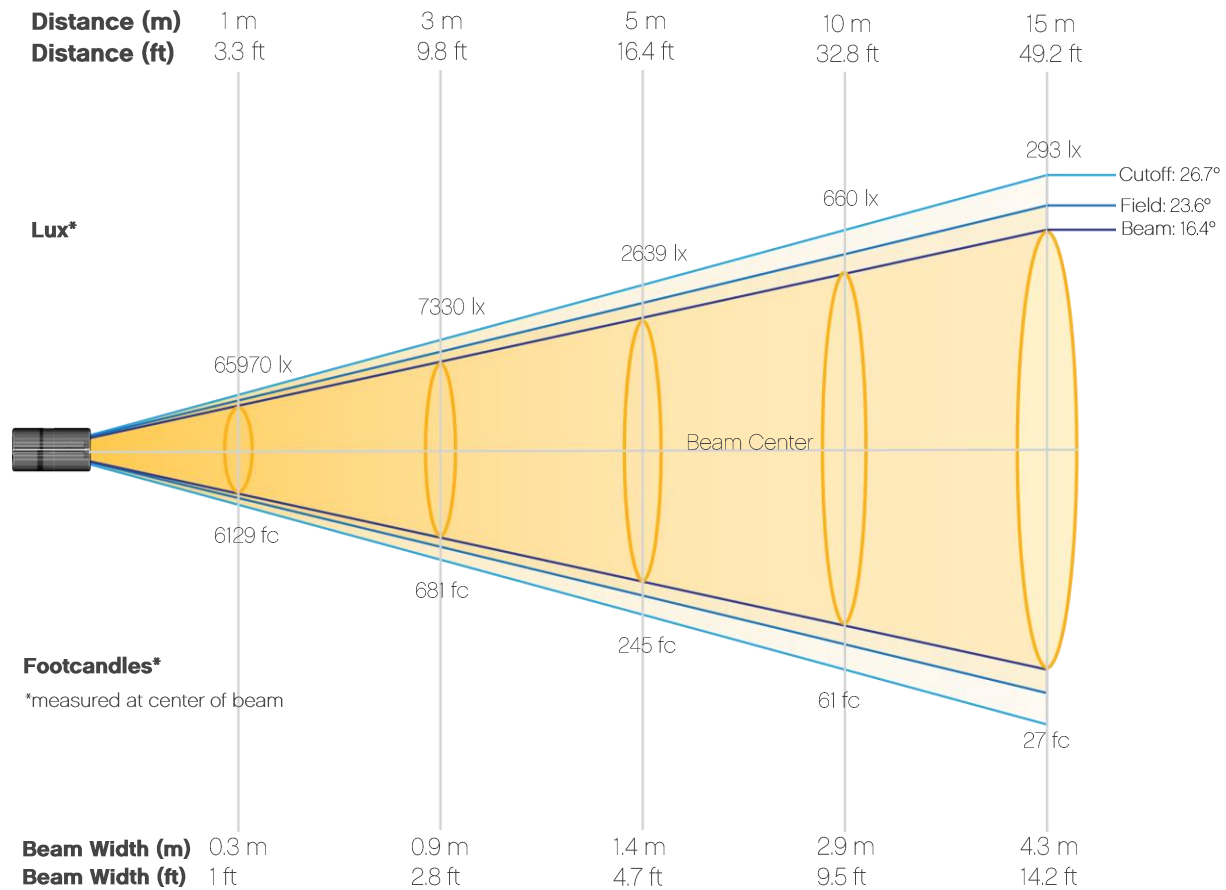
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

Beam Details



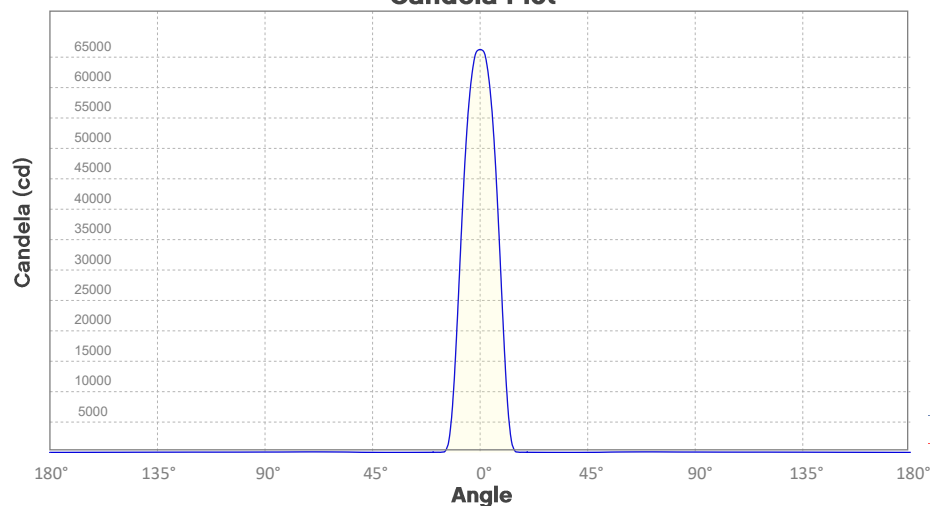
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	65970	16493	7330	4123	2639	1833	1346	1031	814	660
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	545	458	390	337	293	258	228	204	183	165
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6129	1532	681	383	245	170	125	96	76	61
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	51	43	36	31	27	24	21	19	17	15

Photometric Report

Maverick MK3 Wash: 50% Zoom, Green Only

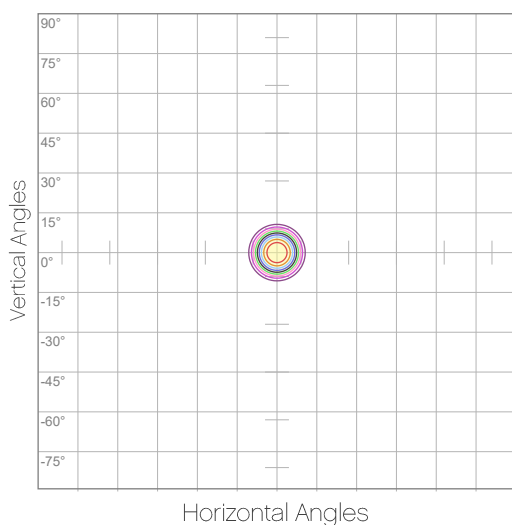
Candela Plot



Beam Angle (50%): 16.4°
Field Angle (10%): 23.6°
Cutoff Angle (3%): 26.7°

— Horizontal Distribution
— Vertical Distribution

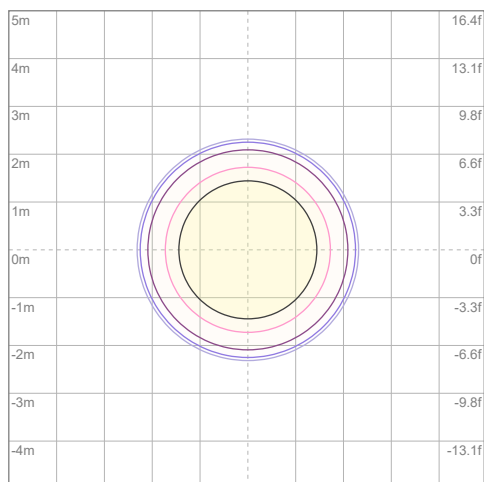
Polar Diagrams



iso-candela Diagram

10%	6597 cd
20%	13194 cd
30%	19791 cd
40%	26388 cd
50%	32985 cd
60%	39582 cd
70%	46179 cd
80%	52776 cd
90%	59373 cd

Conditions:
Number of c-planes: 2
Candela at center: 65970 cd



iso-illuminance Diagram

3%	19.8 lx
5%	33.0 lx
10%	66.0 lx
30%	198 lx
50%	330 lx

Conditions:
Number of c-planes: 2
Lux at center: 660 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

Report Summary

Output

Total Lumens: 1420 lm

Peak Intensity: 17058 cd

Illuminance @ 5m: 682 lux

Fixture Efficacy: 111 lm/W

Optical

Horizontal Beam Angle (50%): 16.3°

Vertical Beam Angle (50%): 16.3°

Horizontal Field Angle (10%): 23.5°

Vertical Field Angle (10%): 23.5°

Horizontal Cutoff Angle (3%): 26.6°

Vertical Cutoff Angle (3%): 26.6°



Conditions

AC Supply: 118 V, 60 Hz

Power: n/a W

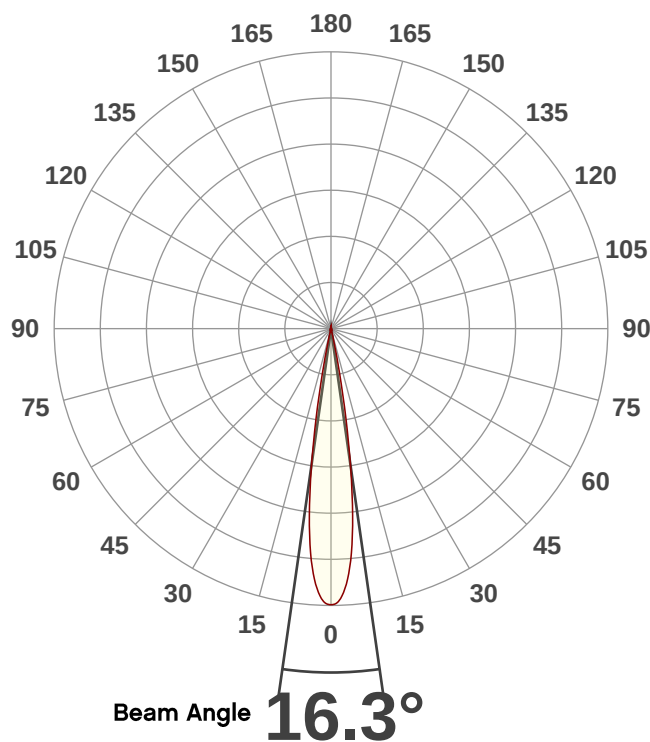
Current: 0.000 A

Power Factor: n/a

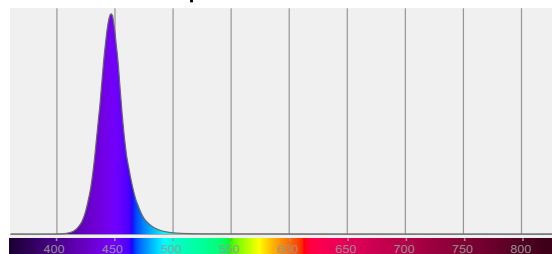
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Overall Measurement

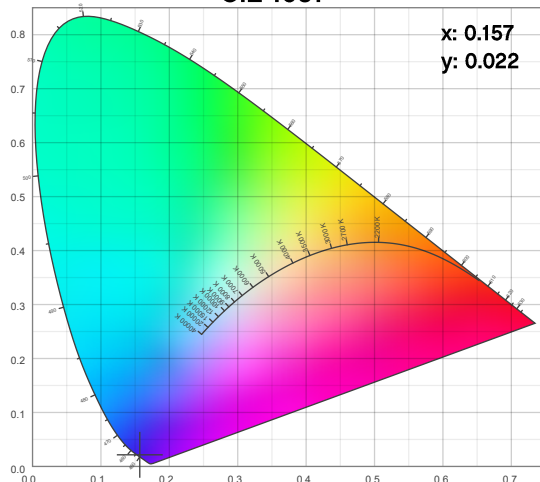
Angular Beam Distribution



Spectral Distribution



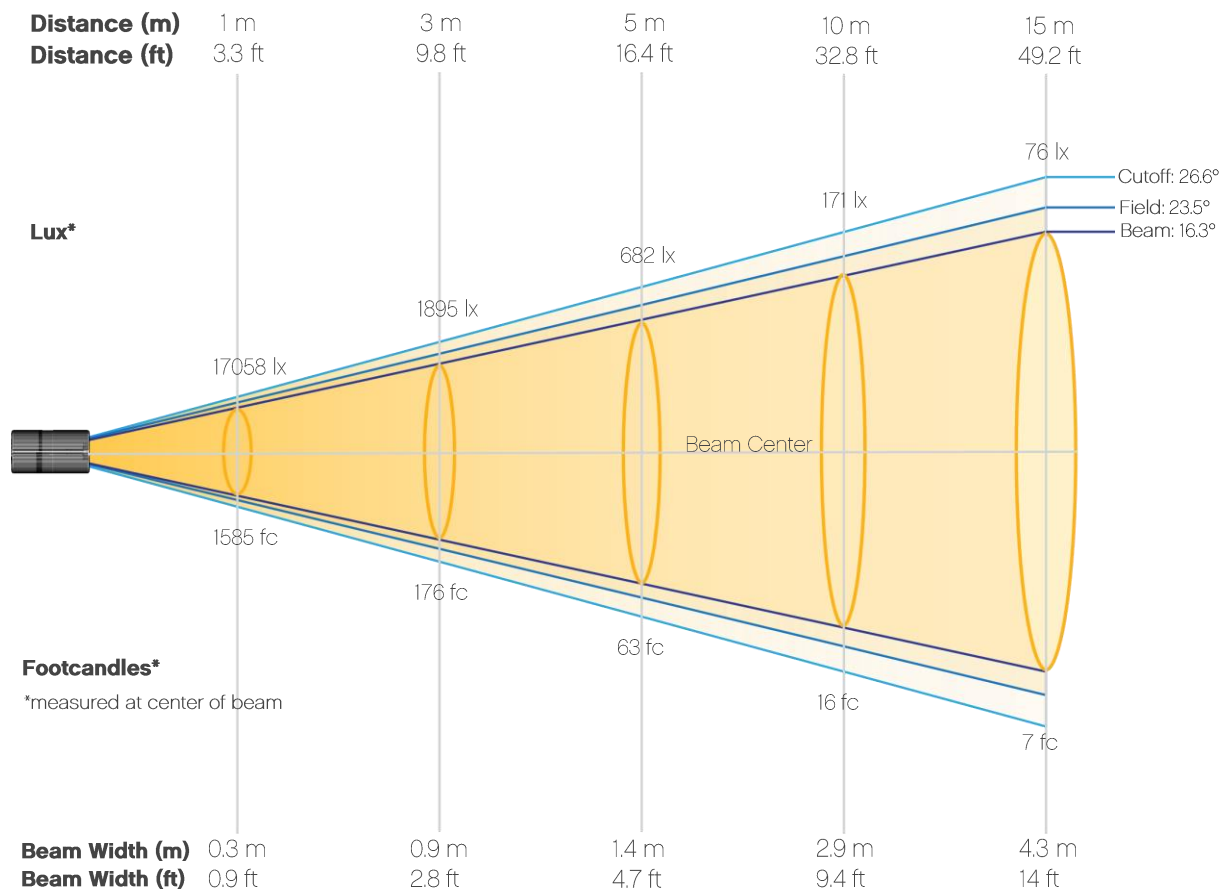
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

Beam Details



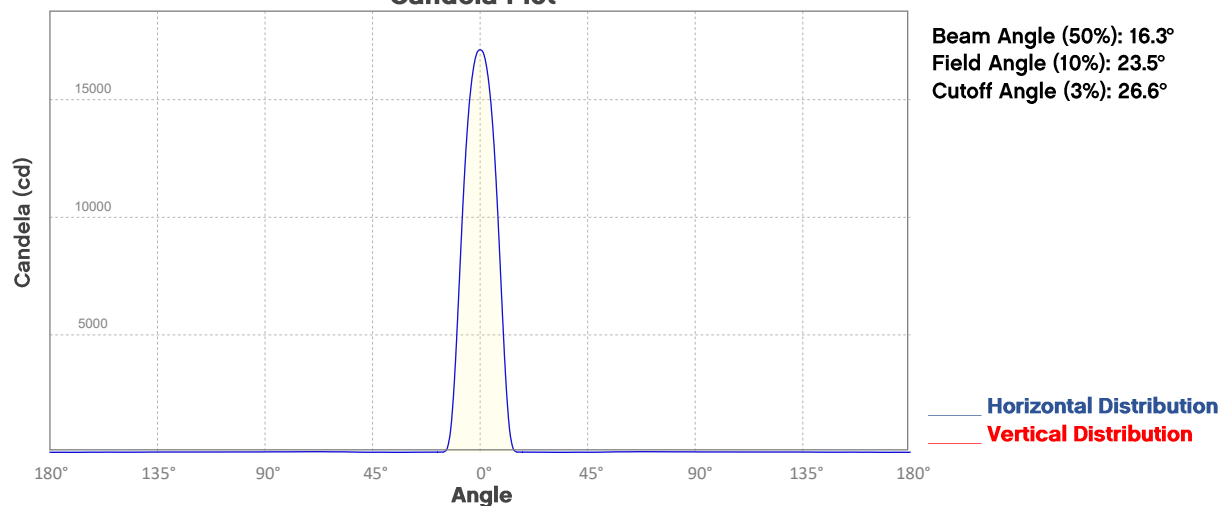
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17058	4265	1895	1066	682	474	348	267	211	171
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	141	118	101	87	76	67	59	53	47	43
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1585	396	176	99	63	44	32	25	20	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

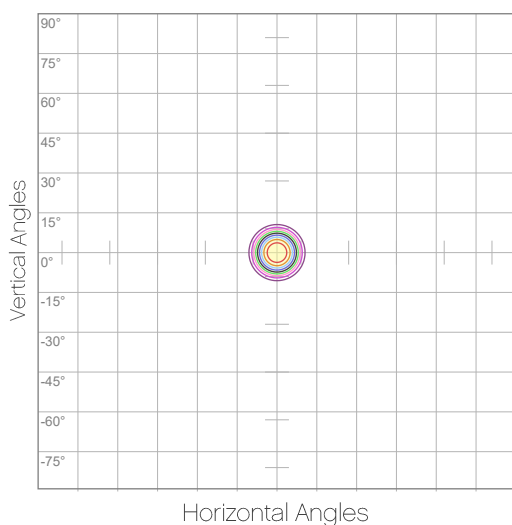
Photometric Report

Maverick MK3 Wash: 50% Zoom, Blue Only

Candela Plot



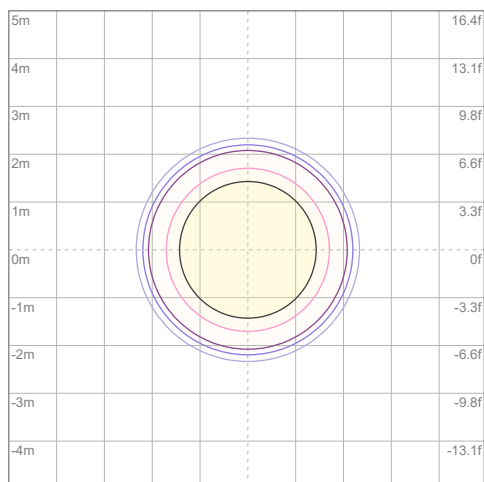
Polar Diagrams



iso-candela Diagram

10%	1706 cd
20%	3412 cd
30%	5118 cd
40%	6823 cd
50%	8529 cd
60%	10235 cd
70%	11941 cd
80%	13647 cd
90%	15353 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 17058 cd



iso-illuminance Diagram

3%	5.12 lx
5%	8.53 lx
10%	17.1 lx
30%	51.2 lx
50%	85.3 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 171 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

Report Summary

Output

Total Lumens: 8415 lm
Peak Intensity: 96609 cd
Illuminance @ 5m: 3864 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 17.2°
Vertical Beam Angle (50%): 17.2°
Horizontal Field Angle (10%): 24.2°
Vertical Field Angle (10%): 24.2°
Horizontal Cutoff Angle (3%): 27.4°
Vertical Cutoff Angle (3%): 27.4°

Conditions

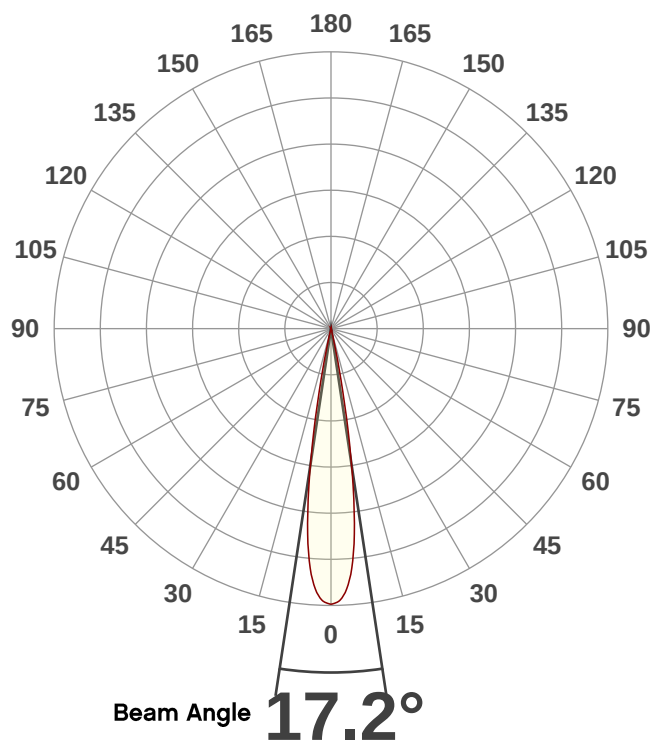
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



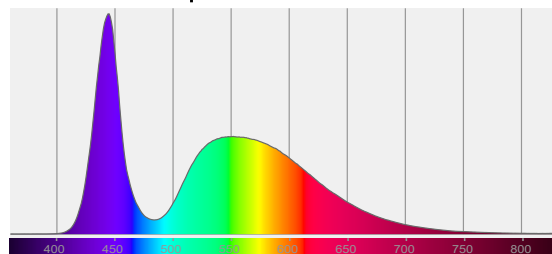
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Overall Measurement

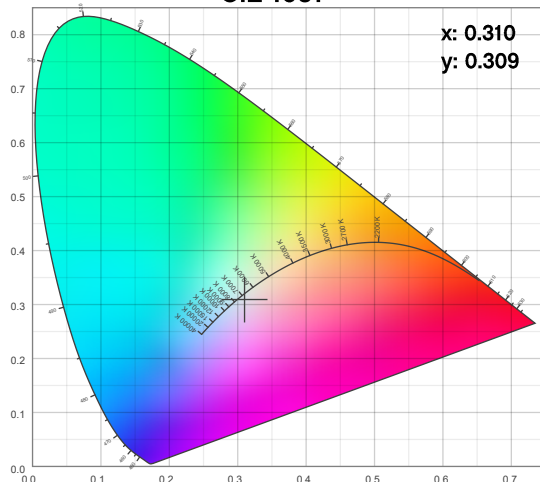
Angular Beam Distribution



Spectral Distribution



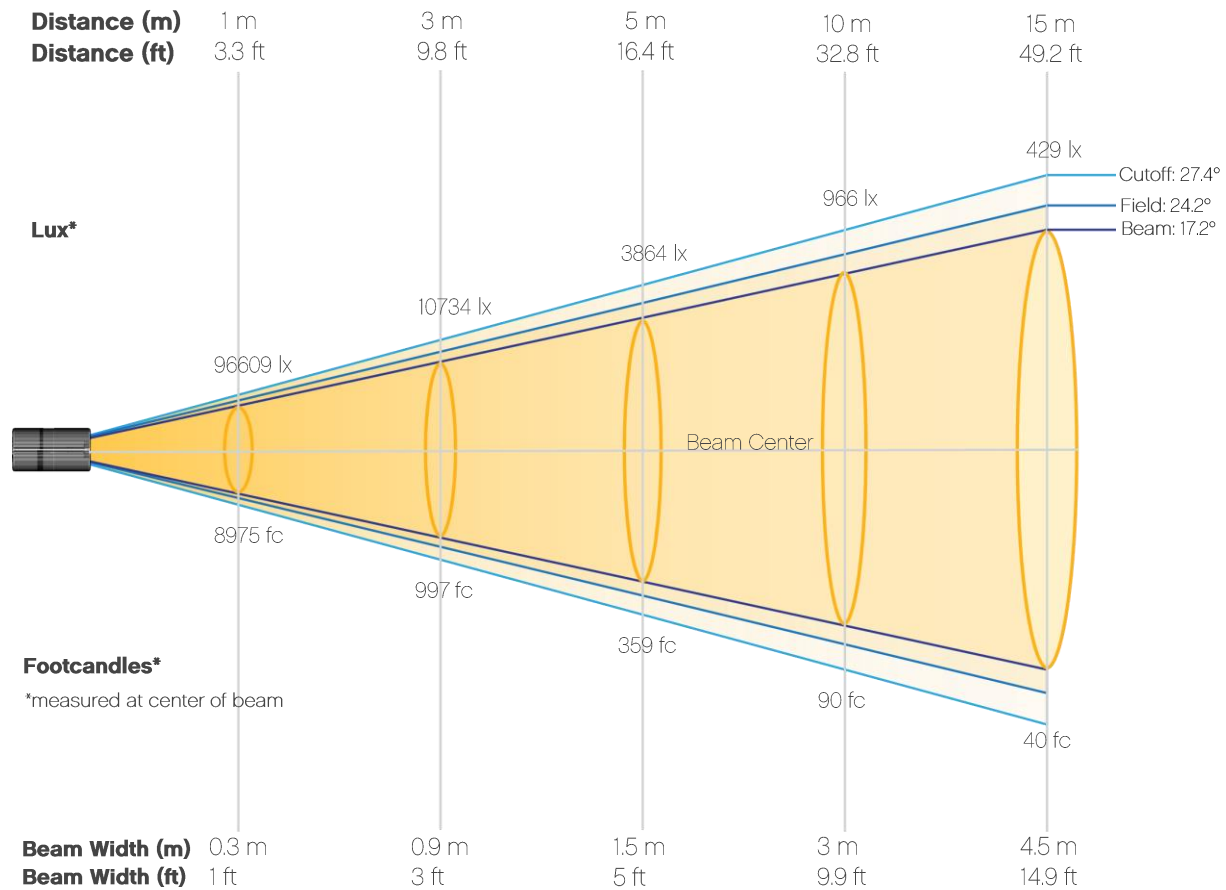
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

Beam Details



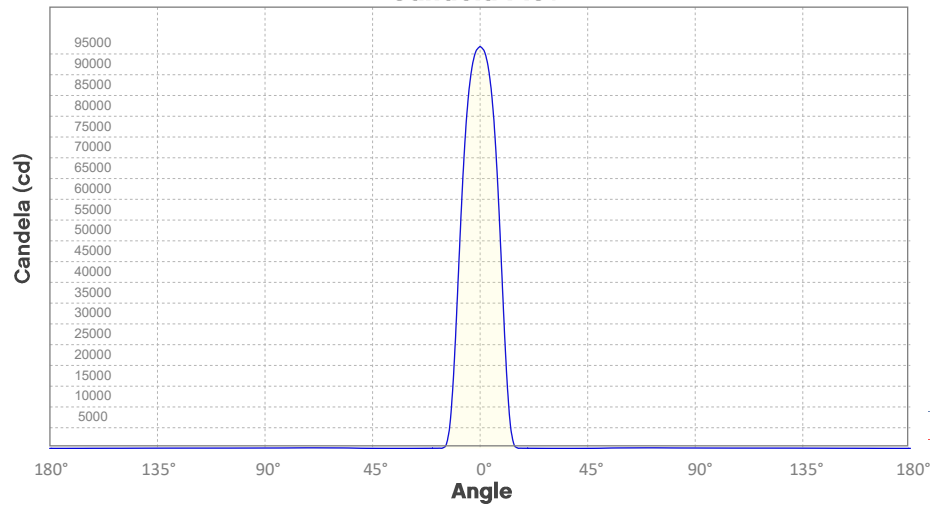
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	96609	24152	10734	6038	3864	2684	1972	1510	1193	966
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	798	671	572	493	429	377	334	298	268	242
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8975	2244	997	561	359	249	183	140	111	90
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	74	62	53	46	40	35	31	28	25	22

Photometric Report

Maverick MK3 Wash: 50% Zoom, White Only

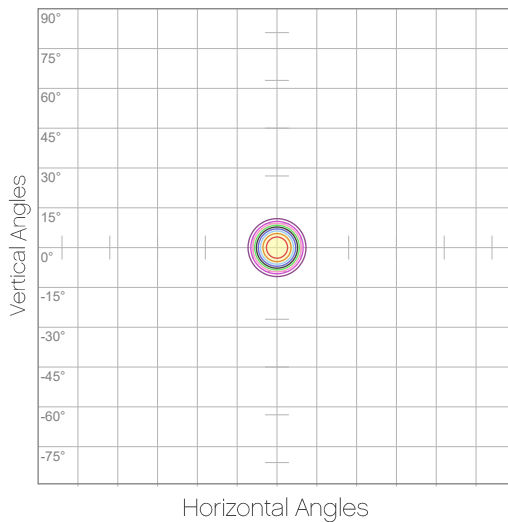
Candela Plot



Beam Angle (50%): 17.2°
Field Angle (10%): 24.2°
Cutoff Angle (3%): 27.4°

— Horizontal Distribution
— Vertical Distribution

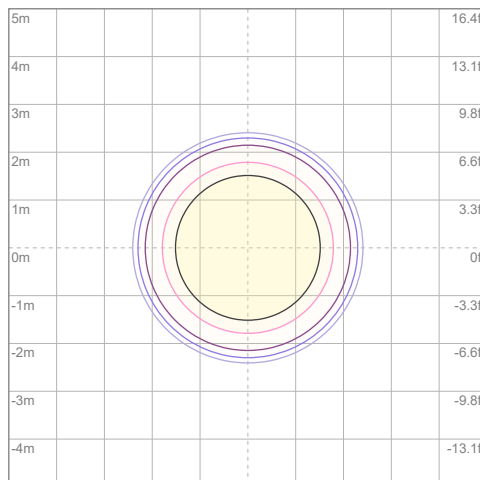
Polar Diagrams



iso-candela Diagram

10%	9661 cd
20%	19322 cd
30%	28983 cd
40%	38644 cd
50%	48304 cd
60%	57965 cd
70%	67626 cd
80%	77287 cd
90%	86948 cd

Conditions:
Number of c-planes: 2
Candela at center: 96609 cd



iso-illuminance Diagram

3%	29.0 lx
5%	48.3 lx
10%	96.6 lx
30%	290 lx
50%	483 lx

Conditions:
Number of c-planes: 2
Lux at center: 966 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

Report Summary

Output

Total Lumens: 9316 lm

Peak Intensity: 116034 cd

Illuminance @ 5m: 4641 lux

Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 17.1°

Vertical Beam Angle (50%): 17.1°

Horizontal Field Angle (10%): 24.6°

Vertical Field Angle (10%): 24.6°

Horizontal Cutoff Angle (3%): 27.6°

Vertical Cutoff Angle (3%): 27.6°

Conditions

AC Supply: 120 V, 0 Hz

Power: 1141.2 W

Current: 9.51 A

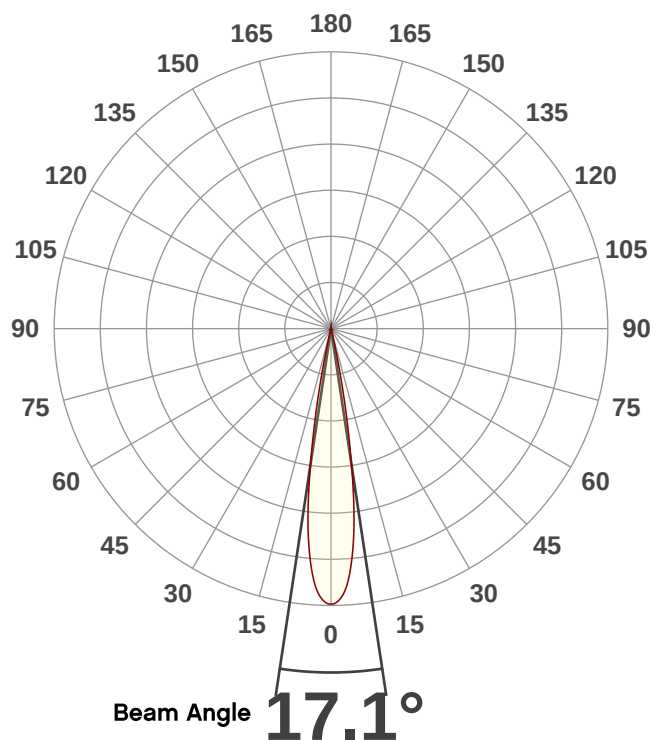
Power Factor: 1.0



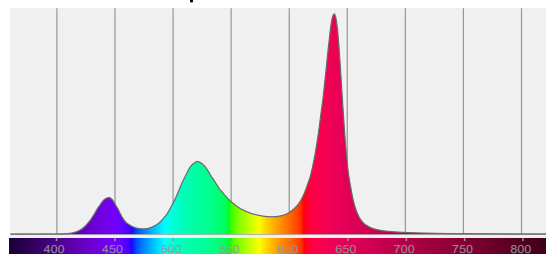
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Overall Measurement

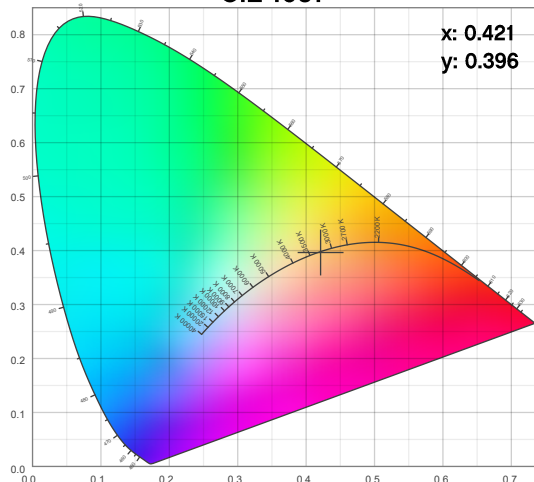
Angular Beam Distribution



Spectral Distribution



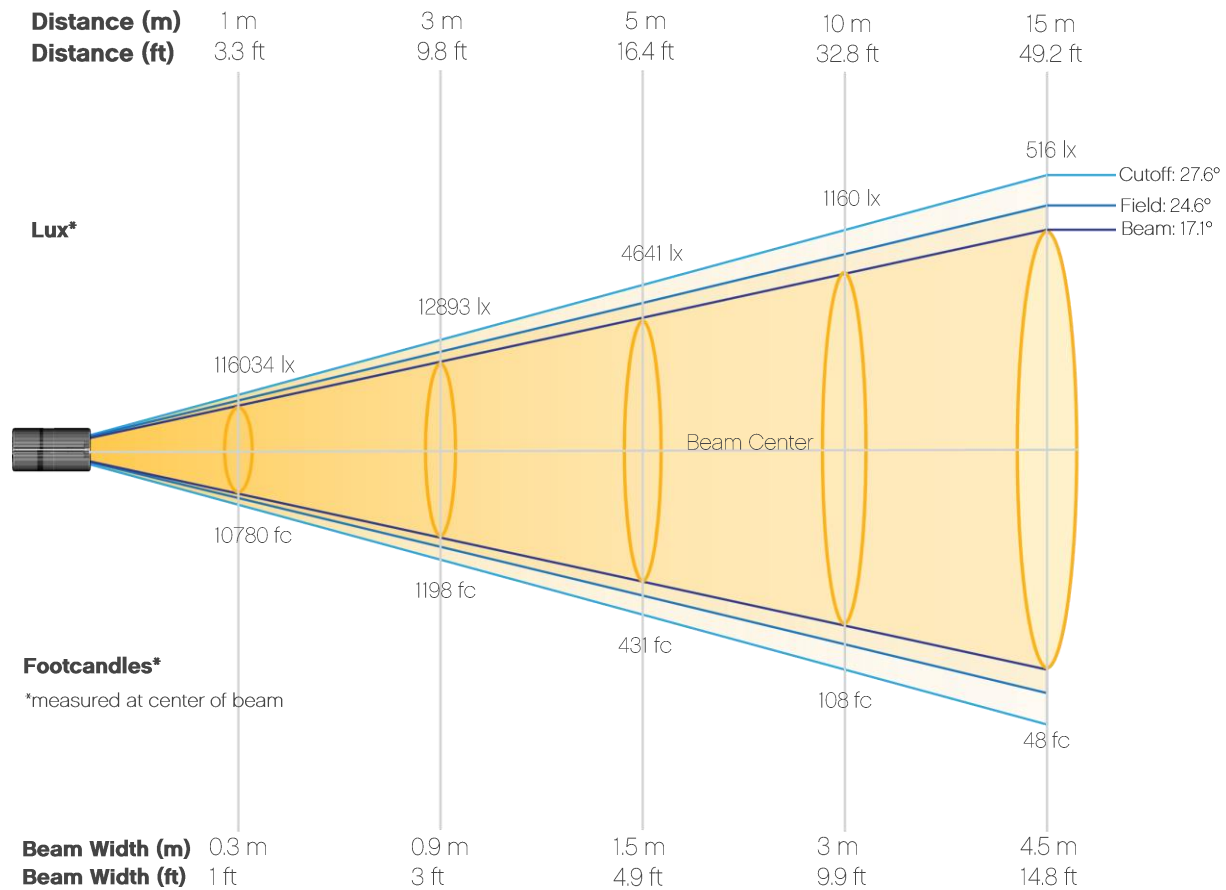
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

Beam Details



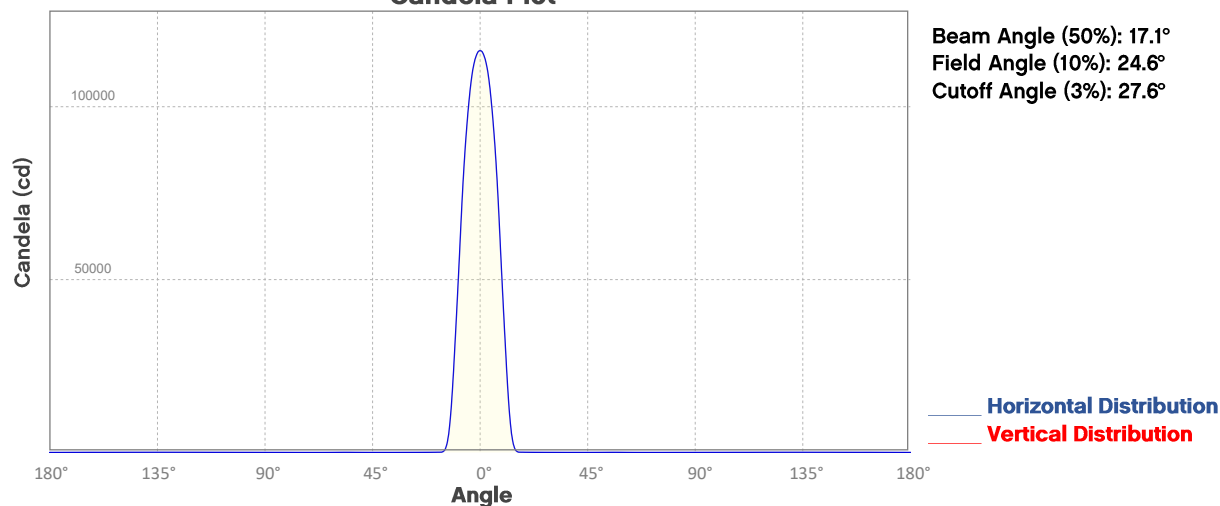
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	116034	29009	12893	7252	4641	3223	2368	1813	1433	1160
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	959	806	687	592	516	453	402	358	321	290
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10780	2695	1198	674	431	299	220	168	133	108
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	89	75	64	55	48	42	37	33	30	27

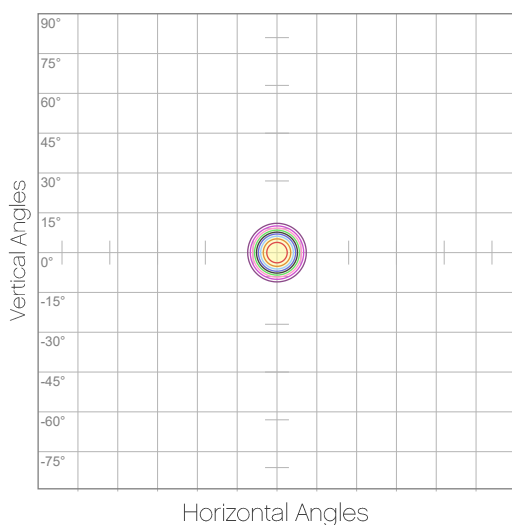
Photometric Report

Maverick MK3 Wash: 50% Zoom, 3200K

Candela Plot



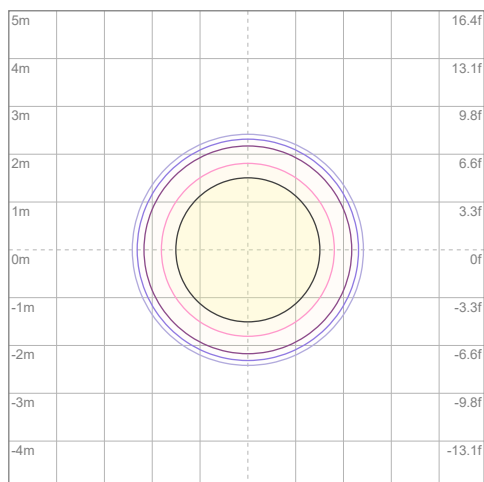
Polar Diagrams



iso-candela Diagram

10%	11603 cd
20%	23207 cd
30%	34810 cd
40%	46414 cd
50%	58017 cd
60%	69621 cd
70%	81224 cd
80%	92828 cd
90%	104431 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 116034 cd



iso-illuminance Diagram

3%	34.8 lx
5%	58.0 lx
10%	116 lx
30%	348 lx
50%	580 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 1160 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, 4000K

Report Summary

Output

Total Lumens: 12089 lm
Peak Intensity: 146463 cd
Illuminance @ 5m: 5859 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 17.4°
Vertical Beam Angle (50%): 17.4°
Horizontal Field Angle (10%): 25°
Vertical Field Angle (10%): 25°
Horizontal Cutoff Angle (3%): 28.3°
Vertical Cutoff Angle (3%): 28.3°

Conditions

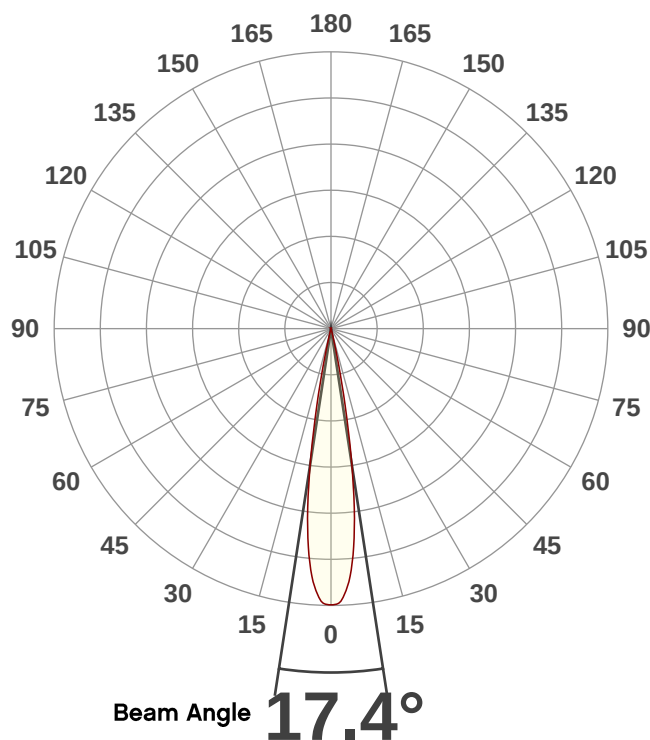
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



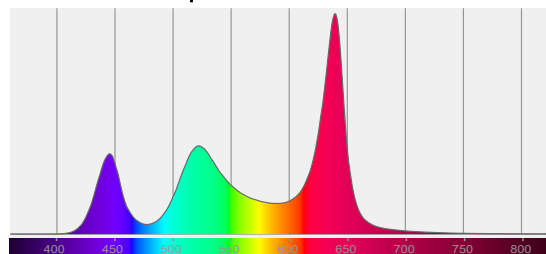
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Overall Measurement

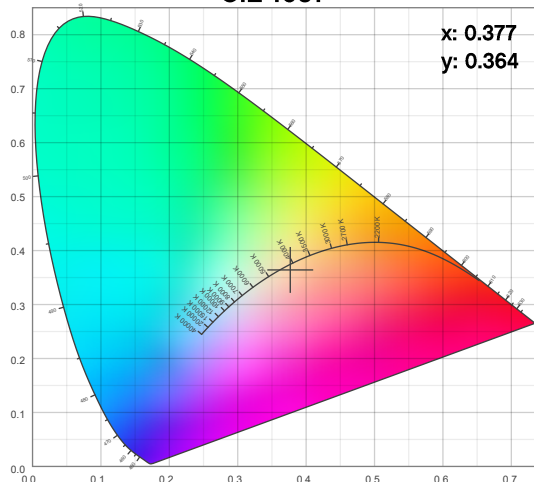
Angular Beam Distribution



Spectral Distribution



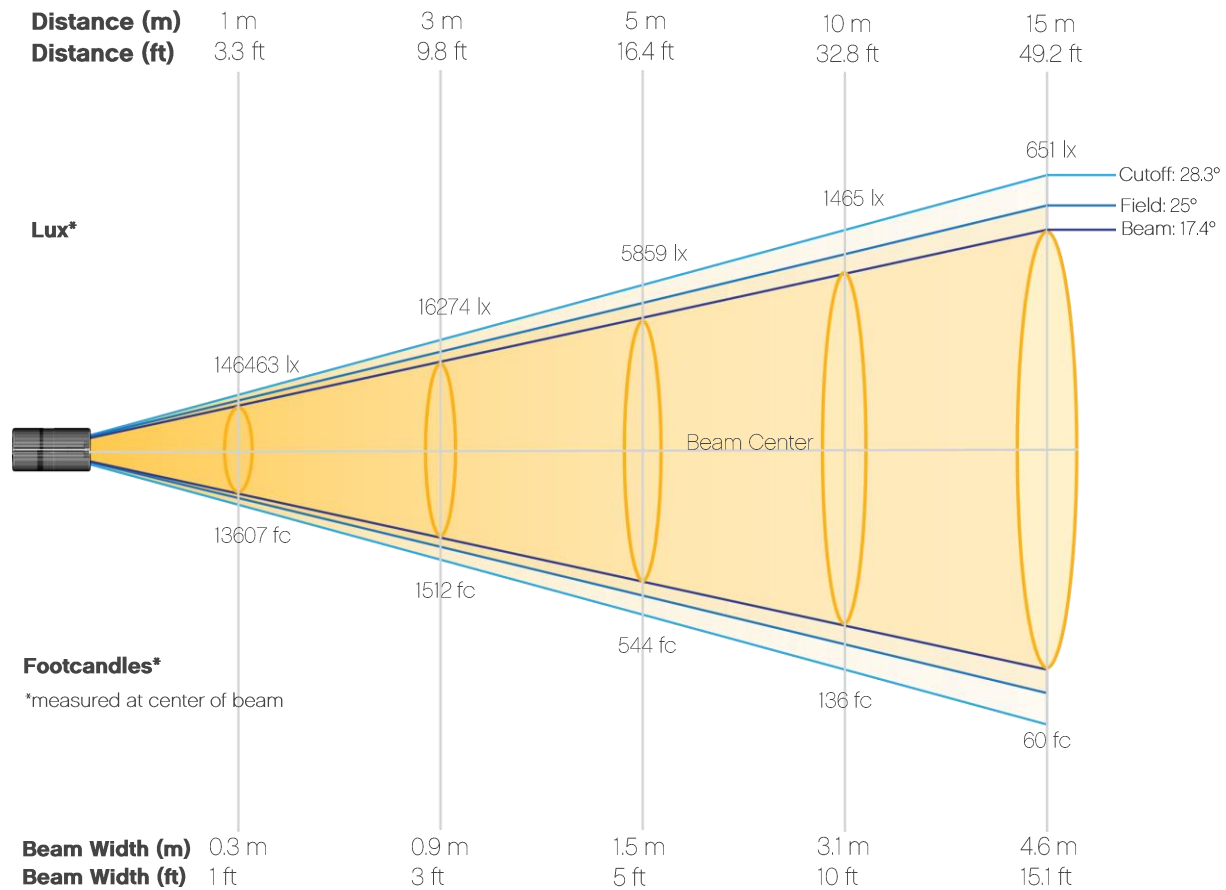
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, 4000K

Beam Details



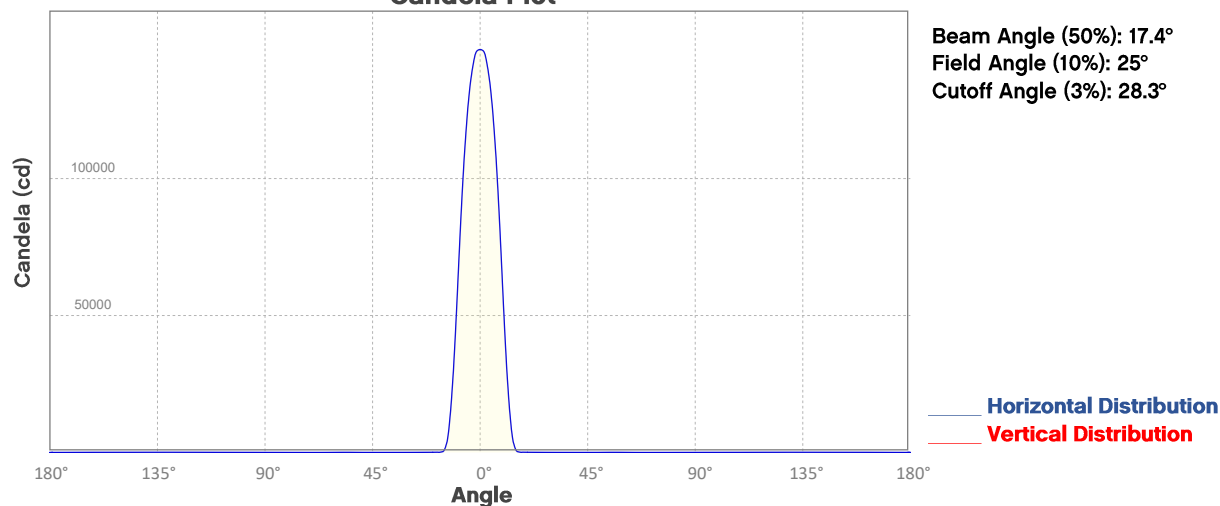
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	146463	36616	16274	9154	5859	4068	2989	2288	1808	1465
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1210	1017	867	747	651	572	507	452	406	366
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13607	3402	1512	850	544	378	278	213	168	136
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	112	94	81	69	60	53	47	42	38	34

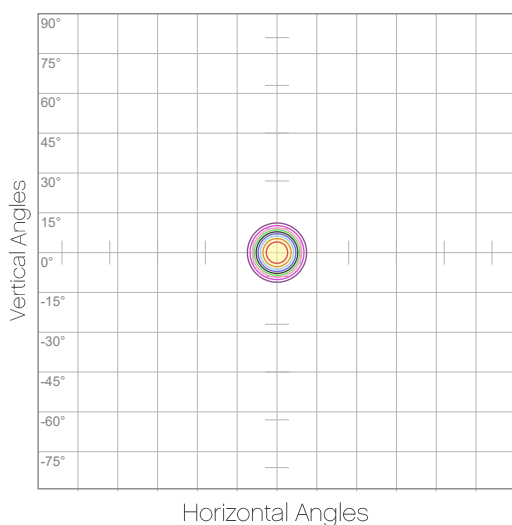
Photometric Report

Maverick MK3 Wash: 50% Zoom, 4000K

Candela Plot



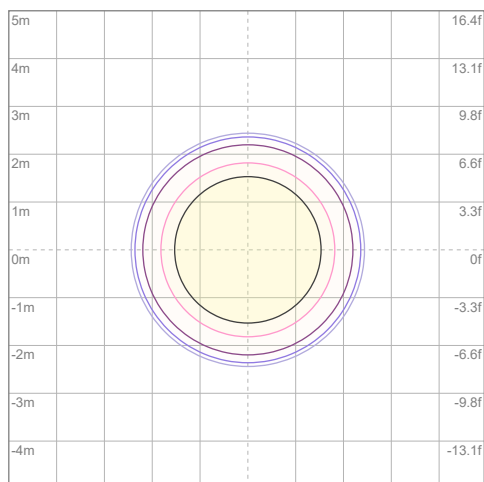
Polar Diagrams



iso-candela Diagram

10%	14646 cd
20%	29293 cd
30%	43939 cd
40%	58585 cd
50%	73232 cd
60%	87878 cd
70%	102524 cd
80%	117171 cd
90%	131817 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 146463 cd



iso-illuminance Diagram

3%	43.9 lx
5%	73.2 lx
10%	146 lx
30%	439 lx
50%	732 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 1465 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, 5600K

Report Summary

Output

Total Lumens: 12431 lm
Peak Intensity: 155478 cd
Illuminance @ 5m: 6219 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 17.1°
Vertical Beam Angle (50%): 17.1°
Horizontal Field Angle (10%): 24.5°
Vertical Field Angle (10%): 24.5°
Horizontal Cutoff Angle (3%): 27.6°
Vertical Cutoff Angle (3%): 27.6°

Conditions

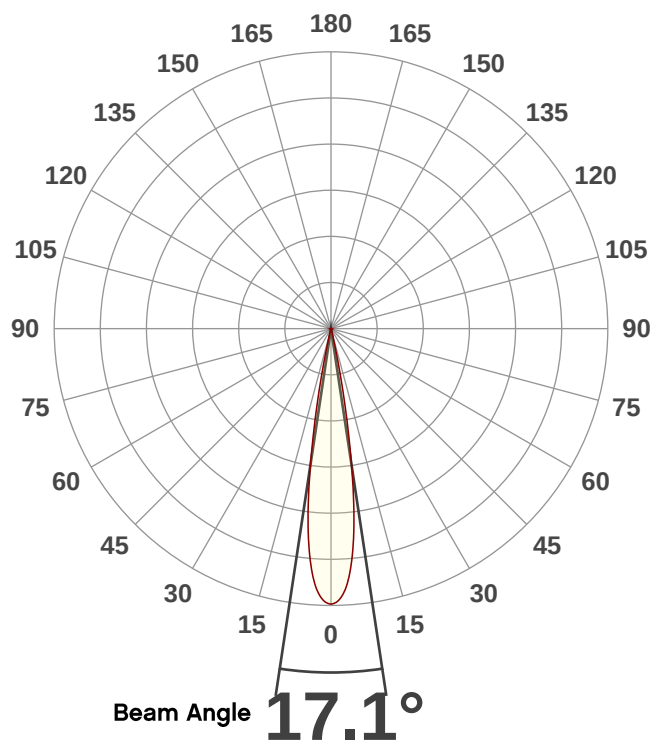
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



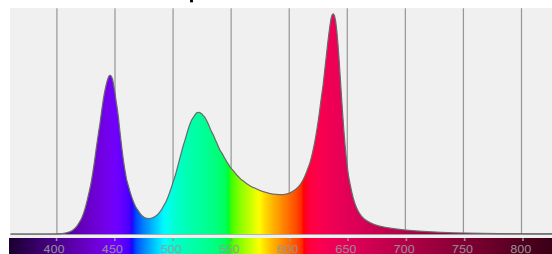
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Overall Measurement

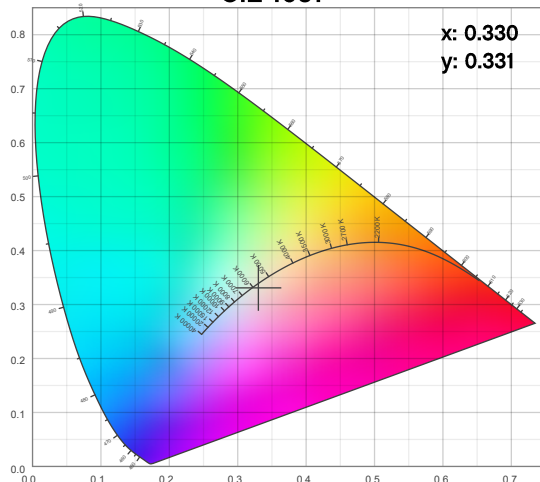
Angular Beam Distribution



Spectral Distribution



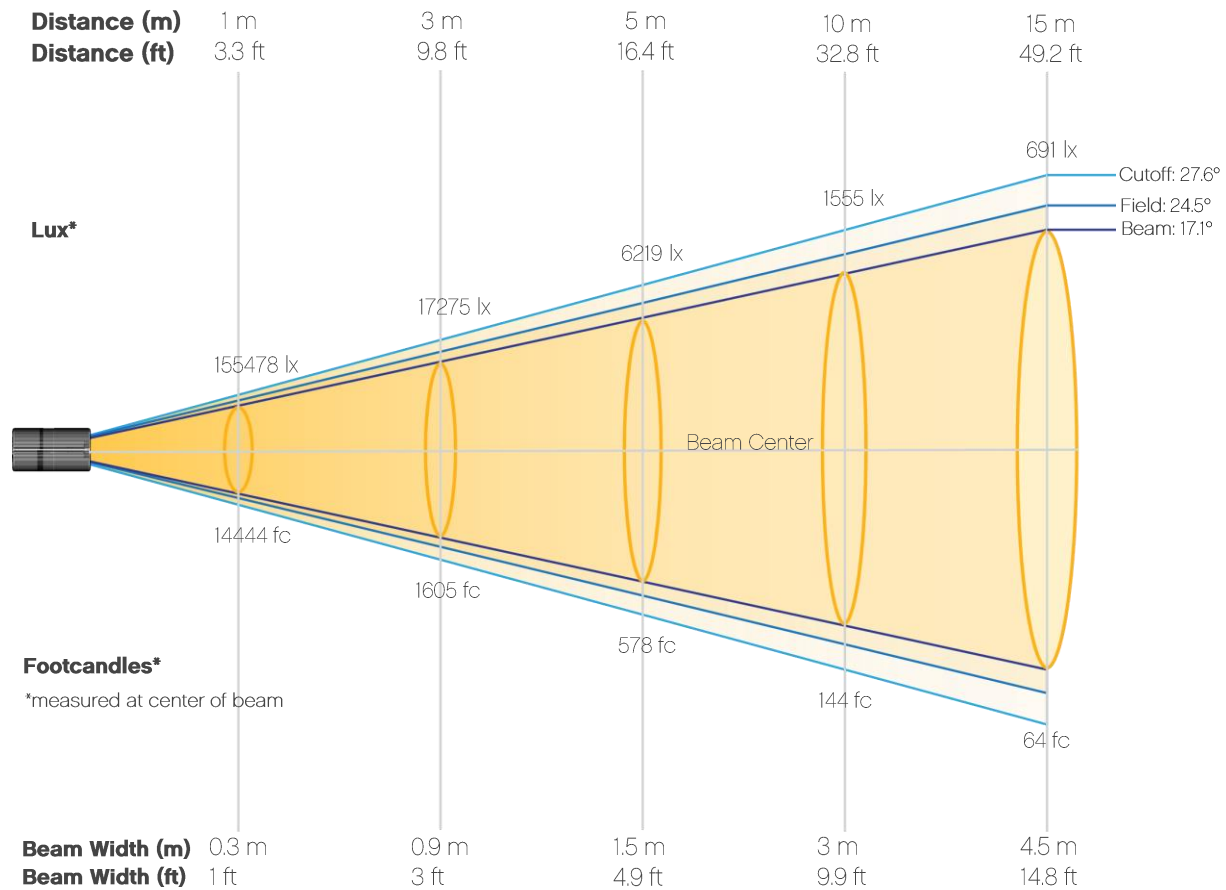
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, 5600K

Beam Details



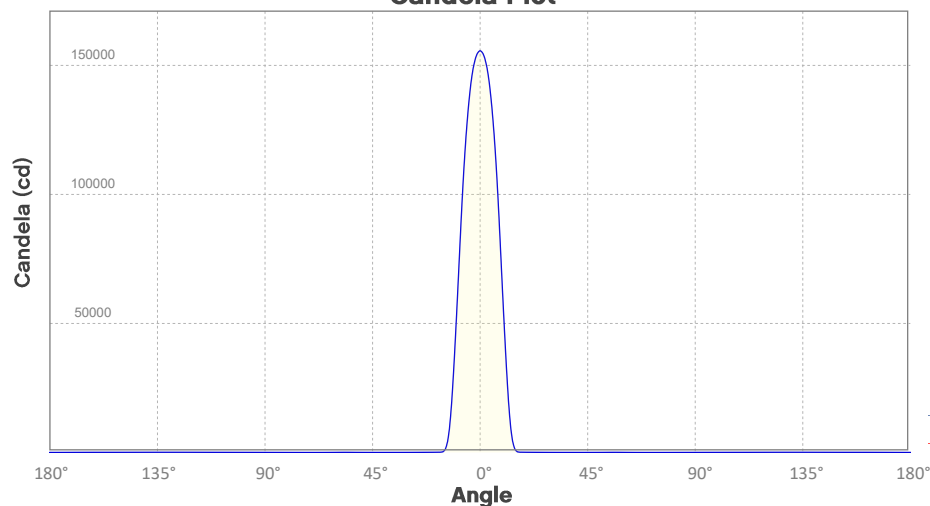
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	155478	38869	17275	9717	6219	4319	3173	2429	1919	1555
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1285	1080	920	793	691	607	538	480	431	389
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14444	3611	1605	903	578	401	295	226	178	144
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	119	100	85	74	64	56	50	45	40	36

Photometric Report

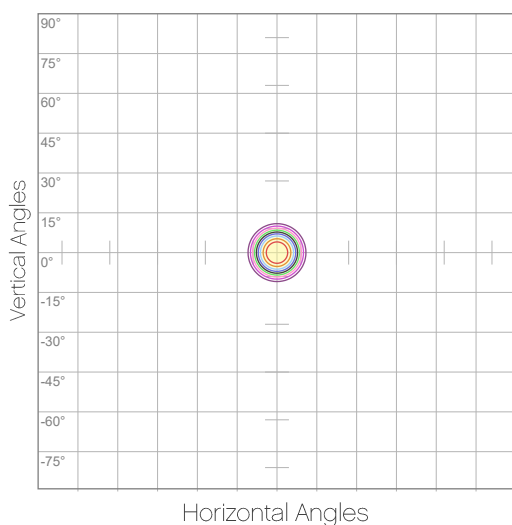
Maverick MK3 Wash: 50% Zoom, 5600K

Candela Plot



Beam Angle (50%): 17.1°
Field Angle (10%): 24.5°
Cutoff Angle (3%): 27.6°

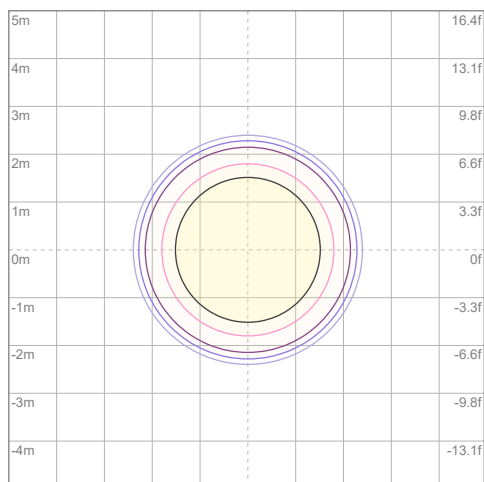
Polar Diagrams



iso-candela Diagram

10%	15548 cd
20%	31096 cd
30%	46643 cd
40%	62191 cd
50%	77739 cd
60%	93287 cd
70%	108835 cd
80%	124382 cd
90%	139930 cd

Conditions:
Number of c-planes: 2
Candela at center: 155478 cd



iso-illuminance Diagram

3%	46.6 lx
5%	77.7 lx
10%	155 lx
30%	466 lx
50%	777 lx

Conditions:
Number of c-planes: 2
Lux at center: 1555 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Wash: 50% Zoom, 7500K

Report Summary

Output

Total Lumens: 14566 lm
Peak Intensity: 169378 cd
Illuminance @ 5m: 6775 lux
Fixture Efficacy: 13 lm/W

Optical

Horizontal Beam Angle (50%): 17°
Vertical Beam Angle (50%): 17°
Horizontal Field Angle (10%): 24°
Vertical Field Angle (10%): 24°
Horizontal Cutoff Angle (3%): 26.9°
Vertical Cutoff Angle (3%): 26.9°

Conditions

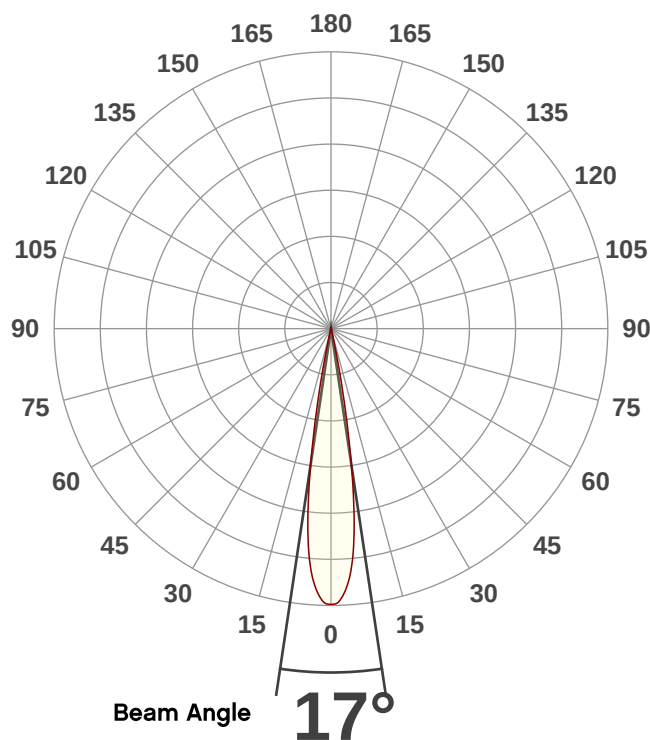
AC Supply: 120 V, 0 Hz
Power: 1141.2 W
Current: 9.51 A
Power Factor: 1.0



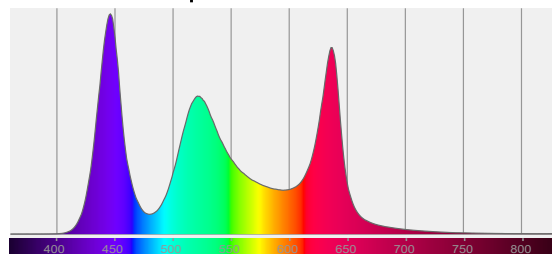
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Overall Measurement

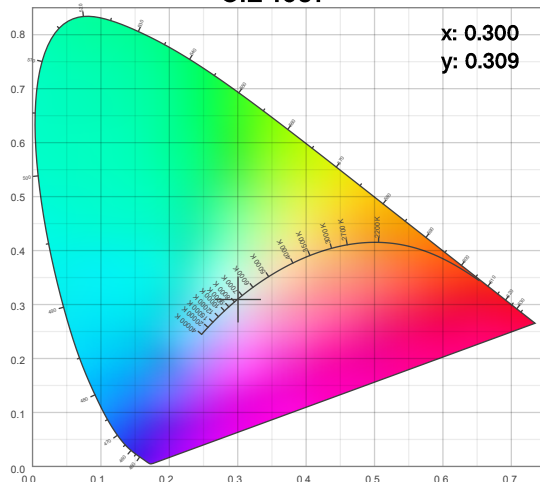
Angular Beam Distribution



Spectral Distribution



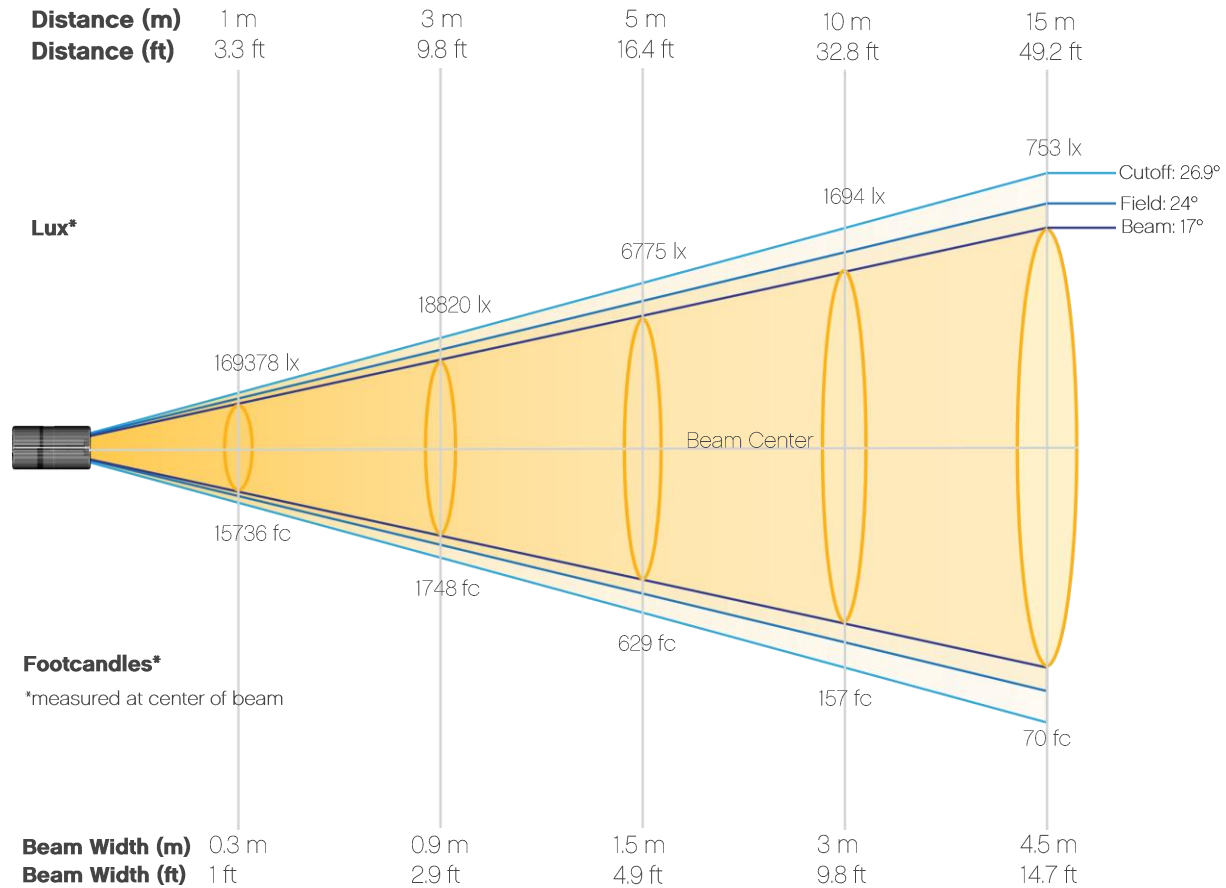
CIE 1931



Photometric Report

Maverick MK3 Wash: 50% Zoom, 7500K

Beam Details



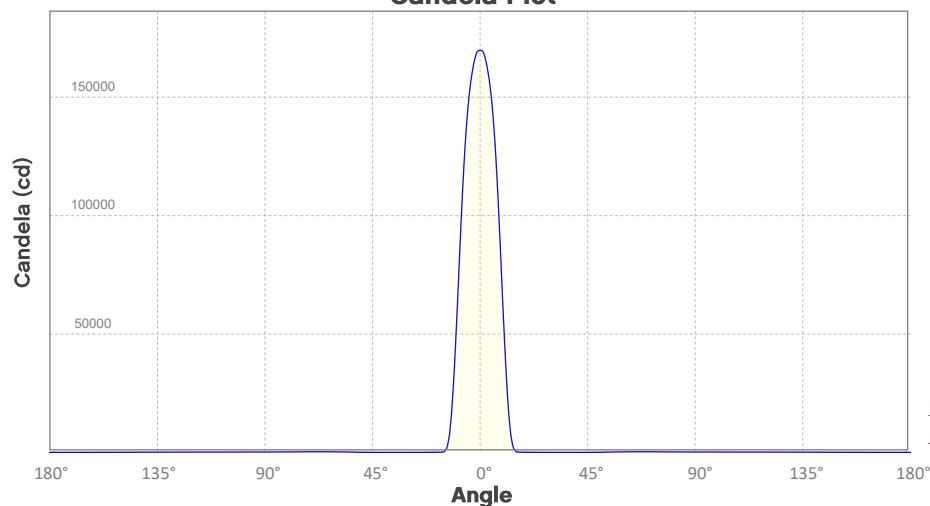
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	169378	42345	18820	10586	6775	4705	3457	2647	2091	1694
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1400	1176	1002	864	753	662	586	523	469	423
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15736	3934	1748	983	629	437	321	246	194	157
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	130	109	93	80	70	61	54	49	44	39

Photometric Report

Maverick MK3 Wash: 50% Zoom, 7500K

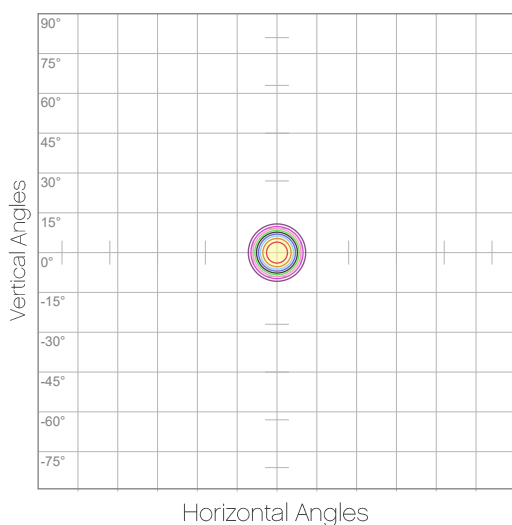
Candela Plot



Beam Angle (50%): 17°
Field Angle (10%): 24°
Cutoff Angle (3%): 26.9°

— Horizontal Distribution
— Vertical Distribution

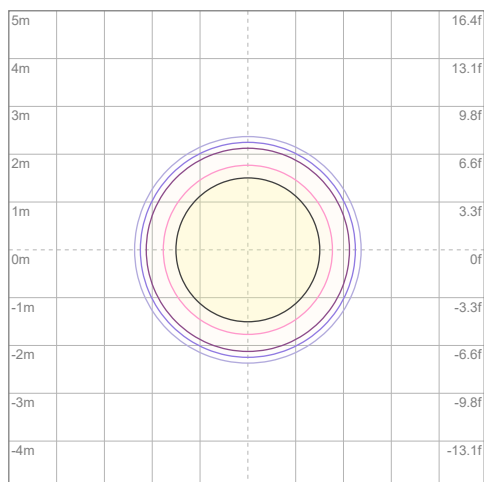
Polar Diagrams



iso-candela Diagram

10%	16938 cd
20%	33876 cd
30%	50813 cd
40%	67751 cd
50%	84689 cd
60%	101627 cd
70%	118565 cd
80%	135502 cd
90%	152440 cd

Conditions:
Number of c-planes: 2
Candela at center: 169378 cd



iso-illuminance Diagram

3%	50.8 lx
5%	84.7 lx
10%	169 lx
30%	508 lx
50%	847 lx

Conditions:
Number of c-planes: 2
Lux at center: 1694 lx

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

Mounting height: 10 meters / 33 feet

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
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Chauvet Europe Ltd	
Unit 1C Brookhill Road Industrial Estate Pinxton, Nottingham, UK NG16 6NT Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Europe BVBA	
Stokstraat 18 9770 Kruishoutem, Belgium Voice: +32 (9) 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
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3, Rue Ampère 91380 Chilly-Mazarin, France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
Bruno-Bürgel-Str. 11 28759 Bremen, Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvetlighting.de Website: www.chauvetprofessional.eu

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.