

PHOTOMETRICS REPORT

MAVERICK FORCE 2 PROFILE



CHAUVENT
PROFESSIONAL

Table of Contents

1. Testing Process	1
2. Photometric Reports	2
Full Flood – Full Power	2
Report Summary	2
Overall Measurement	2
Beam Details	3
Polar Diagrams	4
Full Flood – CRI Filter – Full Power.....	5
Report Summary	5
Overall Measurement	5
Beam Details	6
Polar Diagrams	7
Full Flood – CTO Filter – Full Power	8
Report Summary	8
Overall Measurement	8
Beam Details	9
Polar Diagrams	10
Full Spot – Full Power	11
Report Summary	11
Overall Measurement	11
Beam Details	12
Polar Diagrams	13
Full Spot – CRI Filter – Full Power	14
Report Summary	14
Overall Measurement	14
Beam Details	15
Polar Diagrams	16
Full Spot – CTO Filter – Full Power	17
Report Summary	17
Overall Measurement	17

Beam Details	18
Polar Diagrams	19
Full Spot – TV35 – Full Power	20
Report Summary	20
Overall Measurement	20
Beam Details	21
Polar Diagrams	22
Full Spot – TV25 – Full Power	23
Report Summary	23
Overall Measurement	23
Beam Details	24
Polar Diagrams	25
50% Zoom – Full Power	26
Report Summary	26
Overall Measurement	26
Beam Details	27
Polar Diagrams	28
50% Zoom – CRI Filter – Full Power	29
Report Summary	29
Overall Measurement	29
Beam Details	30
Polar Diagrams	31
50% Zoom – CTO Filter – Full Power	32
Report Summary	32
Overall Measurement	32
Beam Details	33
Polar Diagrams	34
50% Zoom – Cyan – Full Power	35
Report Summary	35
Overall Measurement	35
Beam Details	36
Polar Diagrams	37

50% Zoom – Magenta + Cyan – Full Power	38
Report Summary	38
Overall Measurement	38
Beam Details	39
Polar Diagrams	40
50% Zoom – Magenta – Full Power.....	41
Report Summary	41
Overall Measurement	41
Beam Details	42
Polar Diagrams	43
50% Zoom – Magenta + Yellow – Full Power	44
Report Summary	44
Overall Measurement	44
Beam Details	45
Polar Diagrams	46
50% Zoom – Yellow – Full Power	47
Report Summary	47
Overall Measurement	47
Beam Details	48
Polar Diagrams	49
50% Zoom – Yellow + Cyan – Full Power	50
Report Summary	50
Overall Measurement	50
Beam Details	51
Polar Diagrams	52

3. Chromaticity Reports	53
Full Flood – Full Power	53
Report Summary	53
Chromaticity	54
TM-30-18 Details	55
Full Flood – CRI Filter – Full Power.....	56
Report Summary	56
Chromaticity	57
TM-30-18 Details	58
Full Flood – CTO Filter – Full Power	59
Report Summary	59
Chromaticity	60
TM-30-18 Details	61
Full Spot – Full Power	62
Report Summary	62
Chromaticity	63
TM-30-18 Details	64
Full Spot – CRI Filter – Full Power	65
Report Summary	65
Chromaticity	66
TM-30-18 Details	67
Full Spot – CTO Filter – Full Power	68
Report Summary	68
Chromaticity	69
TM-30-18 Details	70
Full Spot – TV35 – Full Power	71
Report Summary	71
Chromaticity	72
TM-30-18 Details	73

Full Spot – TV25 – Full Power	74
Report Summary	74
Chromaticity	75
TM-30-18 Details	76
50% Zoom – Full Power	77
Report Summary	77
Chromaticity	78
TM-30-18 Details	79
50% Zoom – CRI Filter – Full Power	80
Report Summary	80
Chromaticity	81
TM-30-18 Details	82
50% Zoom – CTO Filter – Full Power	83
Report Summary	83
Chromaticity	84
TM-30-18 Details	85
50% Zoom – Cyan – Full Power	86
Report Summary	86
Chromaticity	87
TM-30-18 Details	88
50% Zoom – Magenta + Cyan – Full Power	89
Report Summary	89
Chromaticity	90
TM-30-18 Details	91
50% Zoom – Magenta – Full Power	92
Report Summary	92
Chromaticity	93
TM-30-18 Details	94
50% Zoom – Magenta + Yellow – Full Power	95
Report Summary	95
Chromaticity	96
TM-30-18 Details	97

50% Zoom – Yellow – Full Power	98
Report Summary	98
Chromaticity	99
TM-30-18 Details	100
50% Zoom – Yello + Cyan – Full Power	101
Report Summary	101
Chromaticity	102
TM-30-18 Details	103
4. Contact Us	104

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 Force 2 Profile: Full Flood - Full Power

Report Summary

Output

Total Lumens: 20856 lm

Peak Intensity: 41212 cd

Illuminance @ 5m: 1648 lux

Fixture Efficacy: $\text{ff} \text{ lm/W}$

Optical

Horizontal Beam Angle (50%): 48.1°

Vertical Beam Angle (50%): 48.1°

Horizontal Field Angle (10%): 54.9°

Vertical Field Angle (10%): 54.9°

Horizontal Cutoff Angle (3%): 55.9°

Vertical Cutoff Angle (3%): 55.9°

Conditions

AC Supply: 120 V, 60 Hz

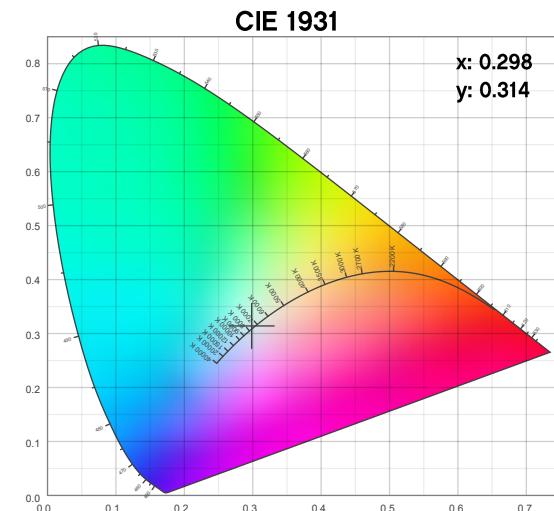
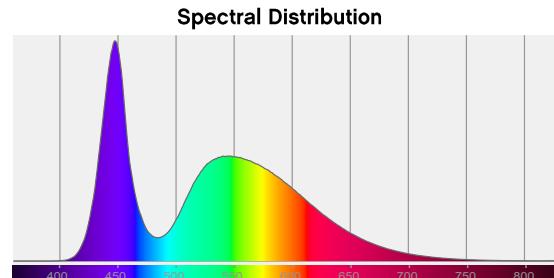
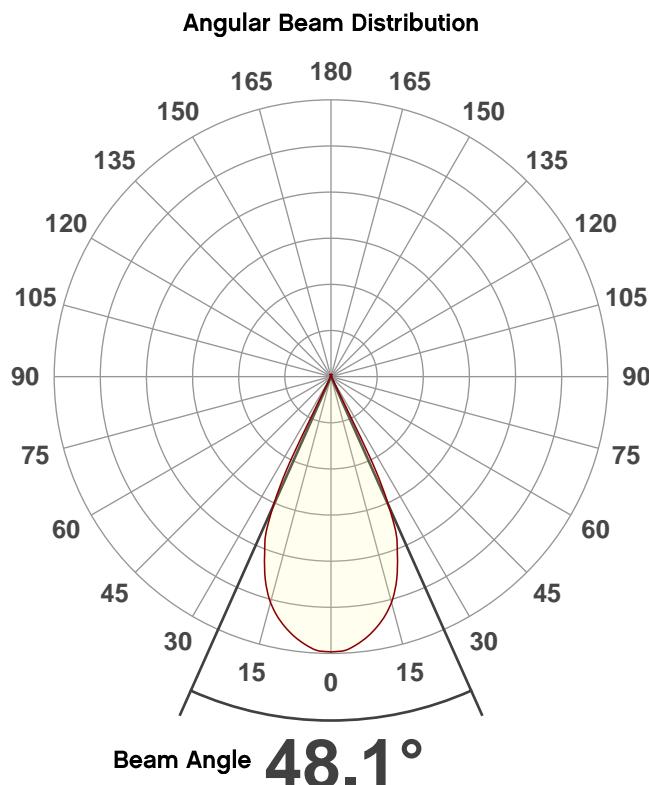
Power: n/a W

Current: 0.000 A

Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpiron Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/10/2020 to ILM-63-2002 Standards.

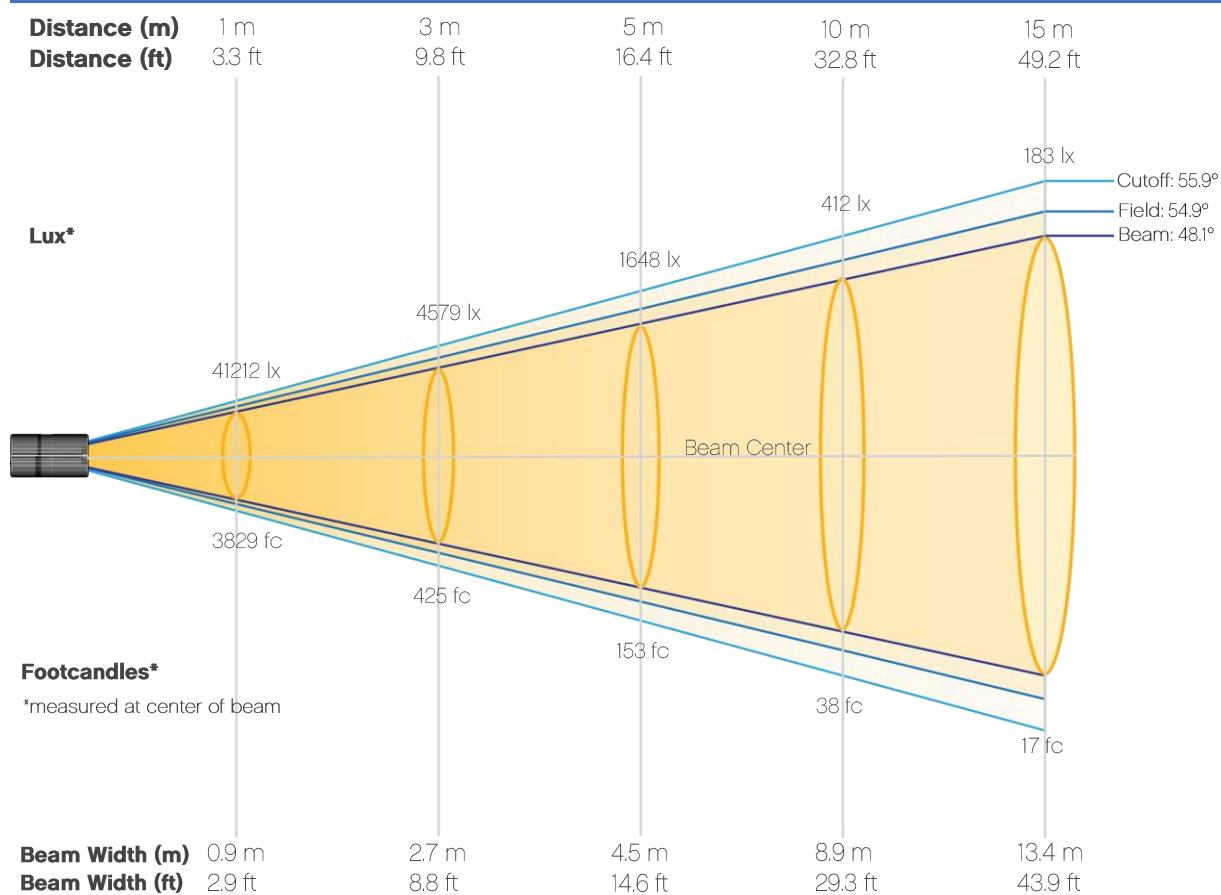
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Flood - Full Power

Beam Details

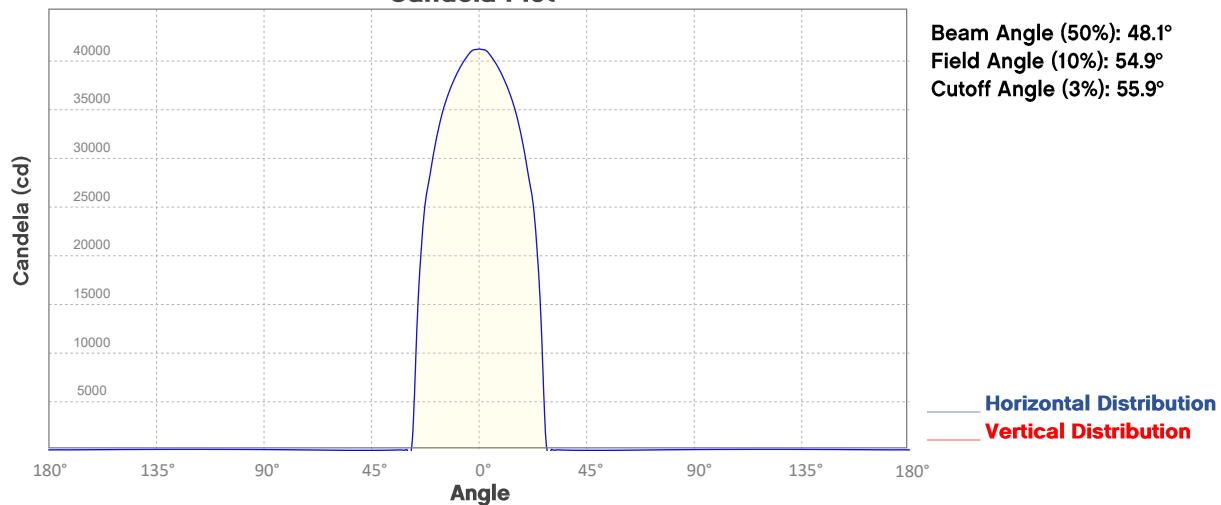


Beam Illuminances from 1-20m (3.3-65.6ft)

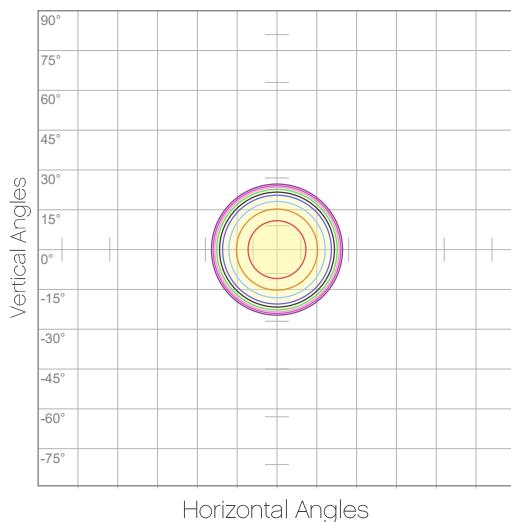
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	41212	10303	4579	2576	1648	1145	841	644	509	412
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	341	286	244	210	183	161	143	127	114	103
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3829	957	425	239	153	106	78	60	47	38
Distance	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	13	12	11	10

Photometric Report

Maverick Force 2 Profile: Full Flood - Full Power Candela Plot



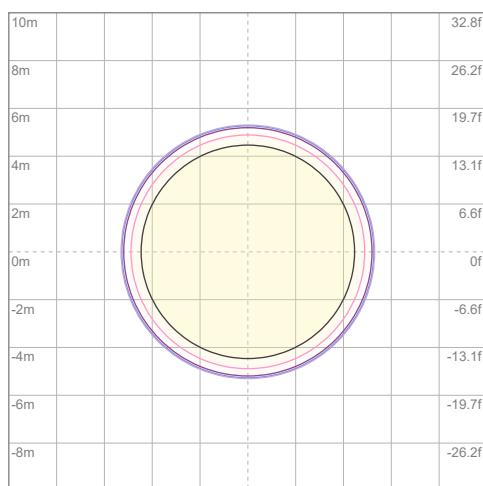
Polar Diagrams



iso-candela Diagram

10%	4121 cd
20%	8242 cd
30%	12364 cd
40%	16485 cd
50%	20606 cd
60%	24727 cd
70%	28849 cd
80%	32970 cd
90%	37091 cd

Conditions:
Number of c-planes: 2
Candela at center: 41212 cd



iso-illuminance Diagram

3%	12.4 lx
5%	20.6 lx
10%	41.2 lx
30%	124 lx
50%	206 lx

Conditions:
Number of c-planes: 2
Lux at center: 412 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 Force 2 Profile: Full Flood - CRI Filter - Full Power

Report Summary

Output

Total Lumens: 14823 lm
Peak Intensity: 28482 cd
Illuminance @ 5m: 1139 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 49.7°
Vertical Beam Angle (50%): 49.7°
Horizontal Field Angle (10%): 54.8°
Vertical Field Angle (10%): 54.8°
Horizontal Cutoff Angle (3%): 58.4°
Vertical Cutoff Angle (3%): 58.4°

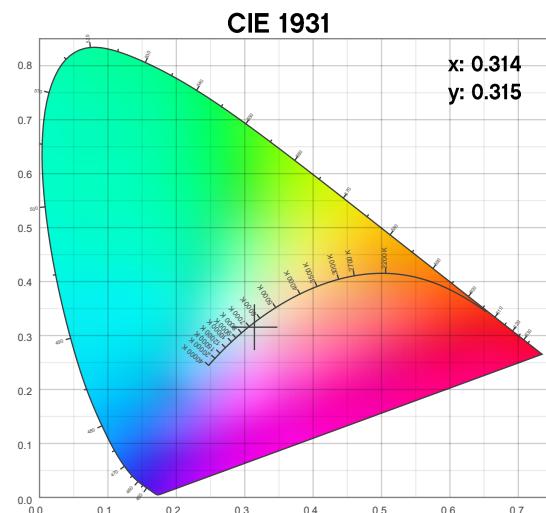
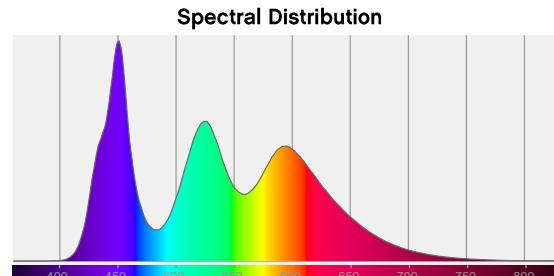
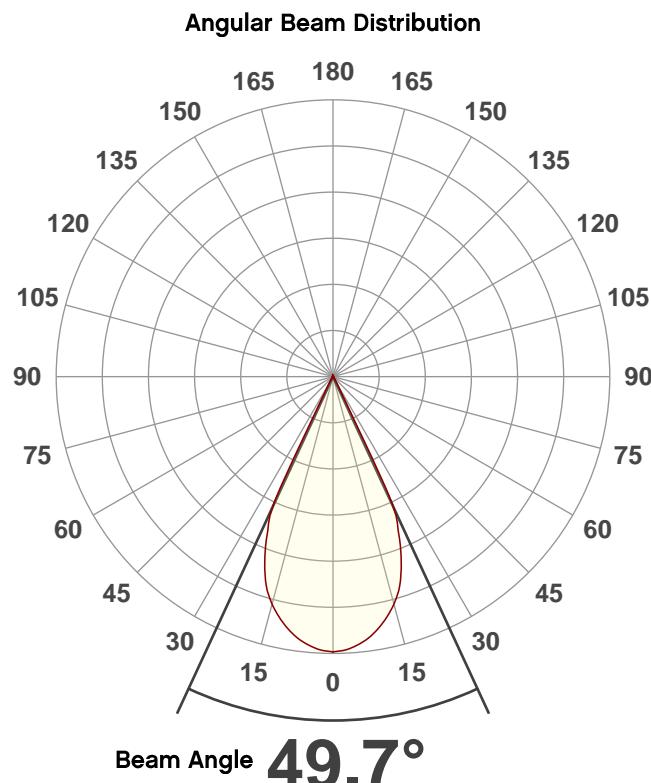
Conditions

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



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/21/2020 to LM-63-2002 Standards.

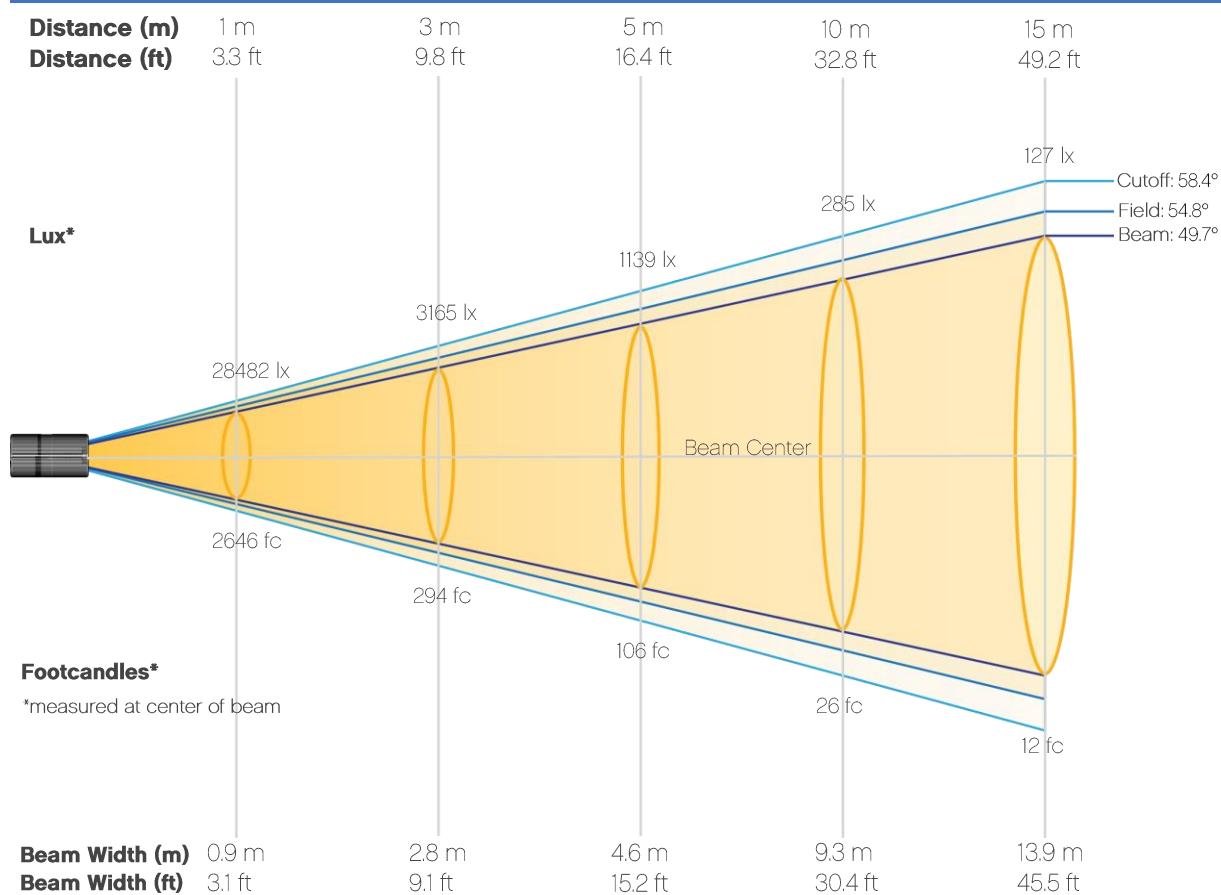
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Flood - CRI Filter - Full Power

Beam Details

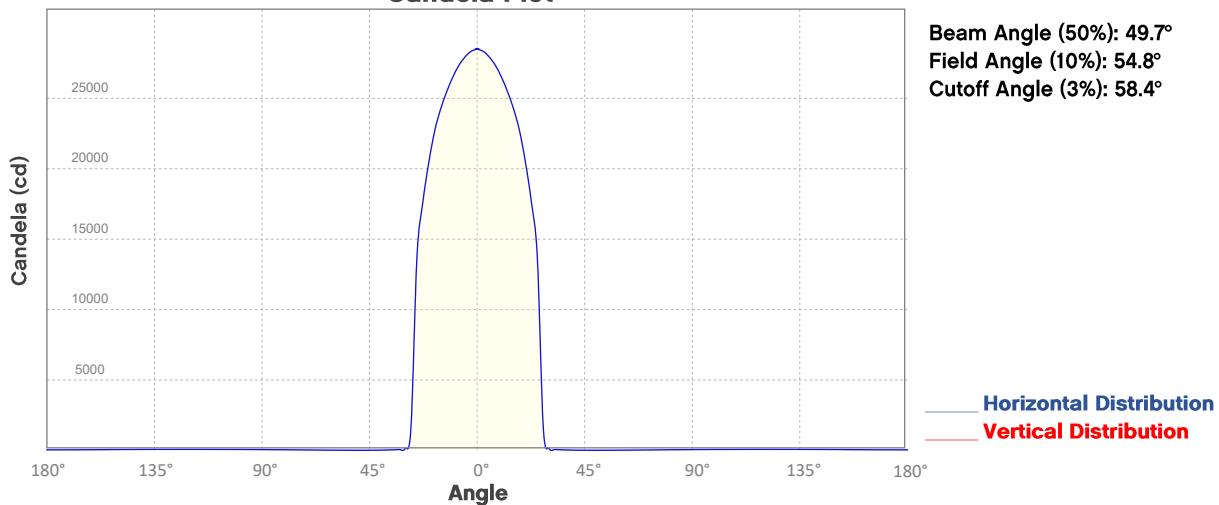


Beam Illuminances from 1-20m (3.3-65.6ft)

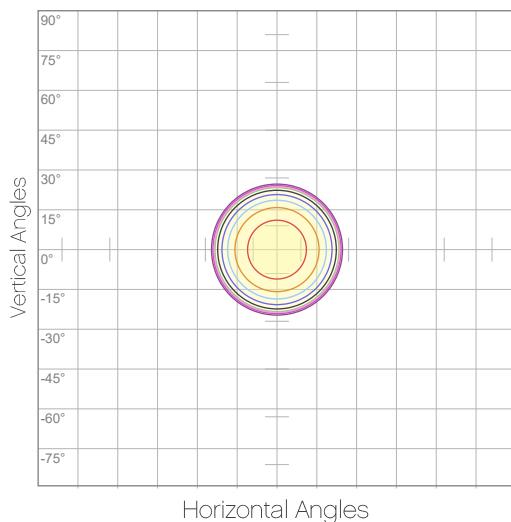
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28482	7120	3165	1780	1139	791	581	445	352	285
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	235	198	169	145	127	111	99	88	79	71
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2646	662	294	165	106	74	54	41	33	26
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	18	16	14	12	10	9	8	7	7

Photometric Report

Maverick Force 2 Profile: Full Flood - CRI Filter - Full Power Candela Plot



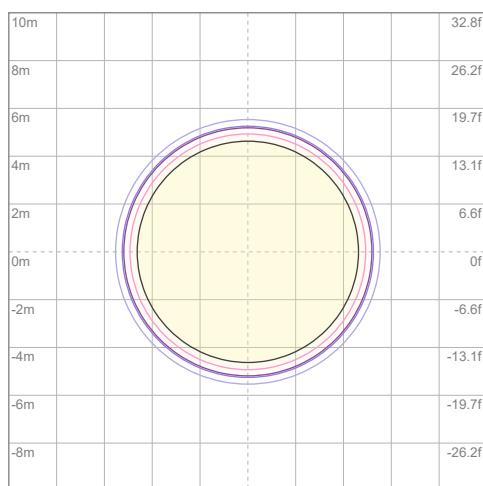
Polar Diagrams



iso-candela Diagram

10%	2848 cd
20%	5696 cd
30%	8545 cd
40%	11393 cd
50%	14241 cd
60%	17089 cd
70%	19937 cd
80%	22786 cd
90%	25634 cd

Conditions:
Number of c-planes: 2
Candela at center: 28482 cd



iso-illuminance Diagram

3%	8.54 lx
5%	14.2 lx
10%	28.5 lx
30%	85.4 lx
50%	142 lx

Conditions:
Number of c-planes: 2
Lux at center: 285 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 Force 2 Profile: Full Flood - CTO Filter - Full Power

Report Summary

Output

Total Lumens: 7886 lm
Peak Intensity: 15152 cd
Illuminance @ 5m: 606 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 48.8°
Vertical Beam Angle (50%): 48.8°
Horizontal Field Angle (10%): 56.3°
Vertical Field Angle (10%): 56.3°
Horizontal Cutoff Angle (3%): 57.8°
Vertical Cutoff Angle (3%): 57.8°

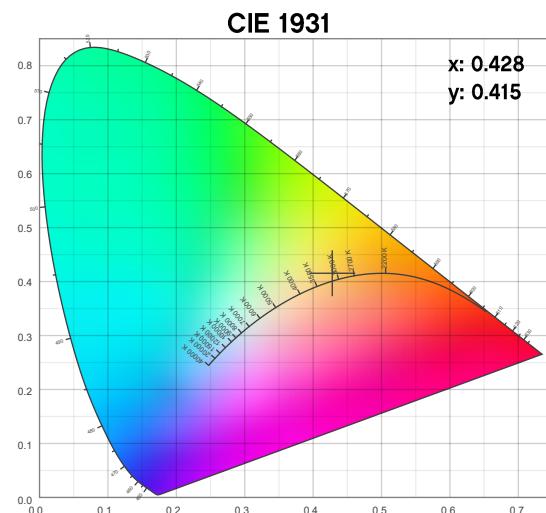
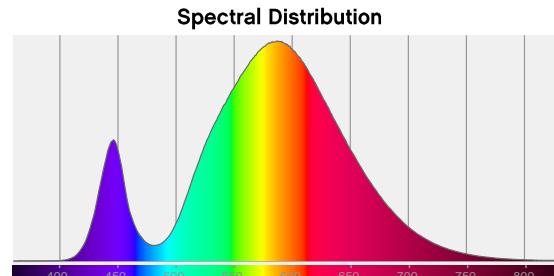
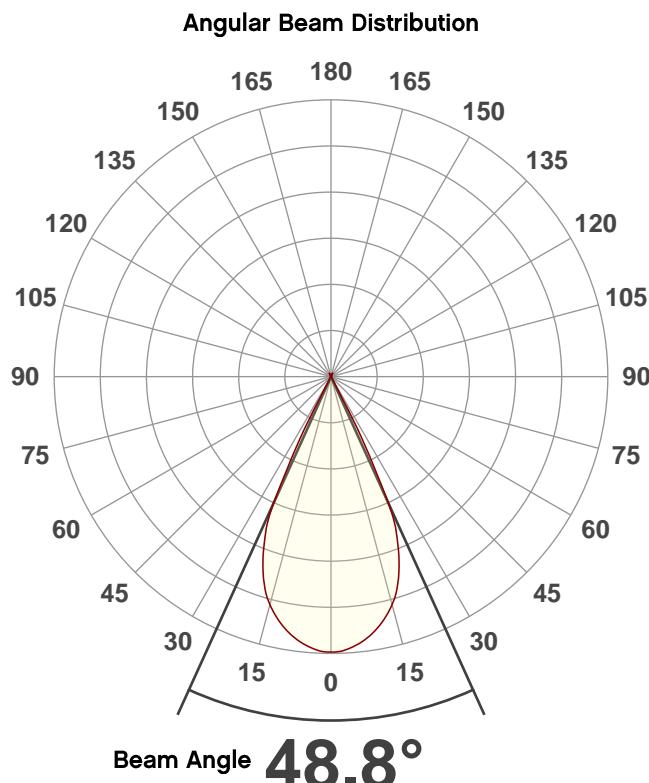


Conditions

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

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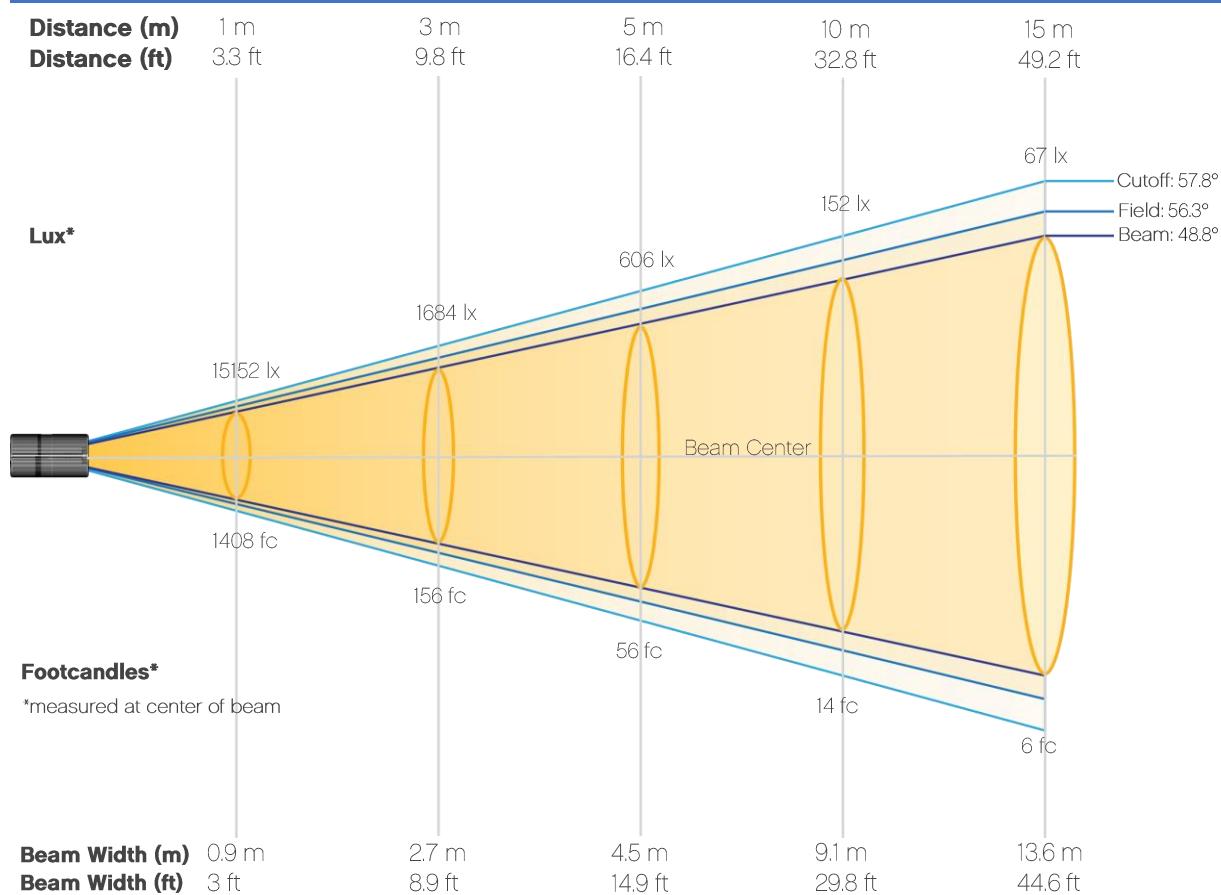
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Flood - CTO Filter - Full Power

Beam Details

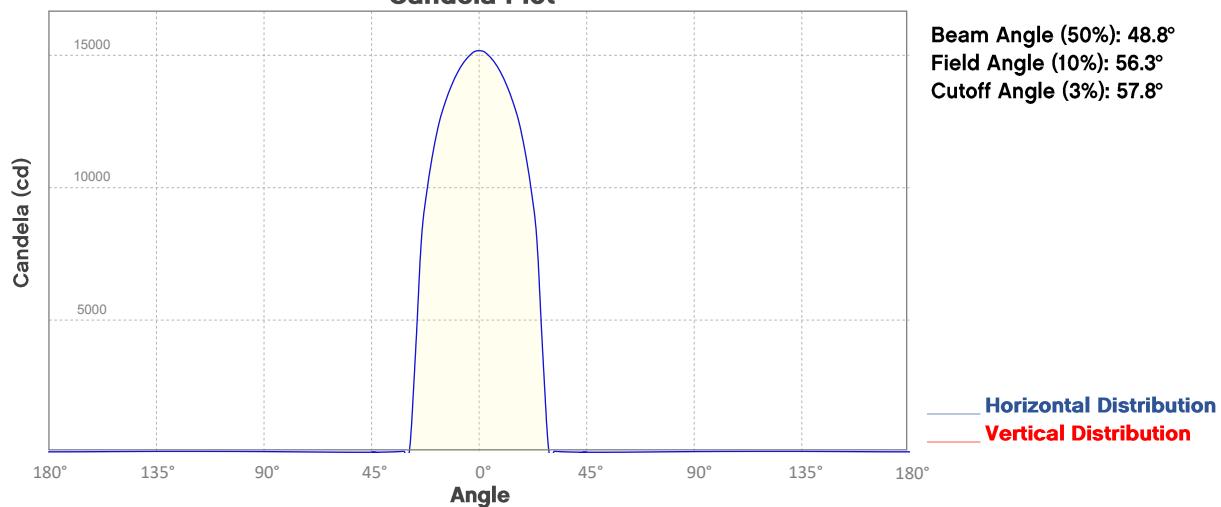


Beam Illuminances from 1-20m (3.3-65.6ft)

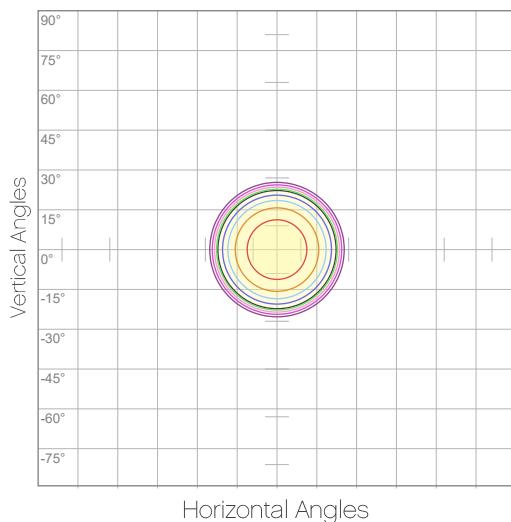
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15152	3788	1684	947	606	421	309	237	187	152
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	125	105	90	77	67	59	52	47	42	38
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1408	352	156	88	56	39	29	22	17	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	5	5	4	4	4

Photometric Report

Maverick Force 2 Profile: Full Flood - CTO Filter - Full Power Candela Plot



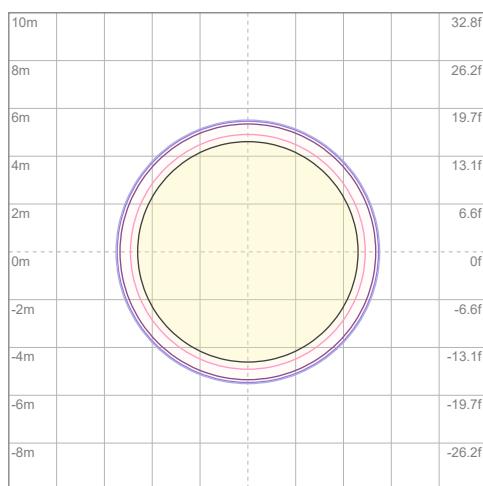
Polar Diagrams



iso-candela Diagram

10%	1515 cd
20%	3030 cd
30%	4546 cd
40%	6061 cd
50%	7576 cd
60%	9091 cd
70%	10606 cd
80%	12122 cd
90%	13637 cd

Conditions:
Number of c-planes: 2
Candela at center: 15152 cd



iso-illuminance Diagram

3%	4.55 lx
5%	7.58 lx
10%	15.2 lx
30%	45.5 lx
50%	75.8 lx

Conditions:
Number of c-planes: 2
Lux at center: 152 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 Force 2 Profile: Full Spot - Full Power

Report Summary

Output

Total Lumens: 14819 lm
Peak Intensity: 1296613 cd
Illuminance @ 5m: 51865 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 6.8°
Vertical Beam Angle (50%): 6.8°
Horizontal Field Angle (10%): 7.6°
Vertical Field Angle (10%): 7.6°
Horizontal Cutoff Angle (3%): 8.4°
Vertical Cutoff Angle (3%): 8.4°

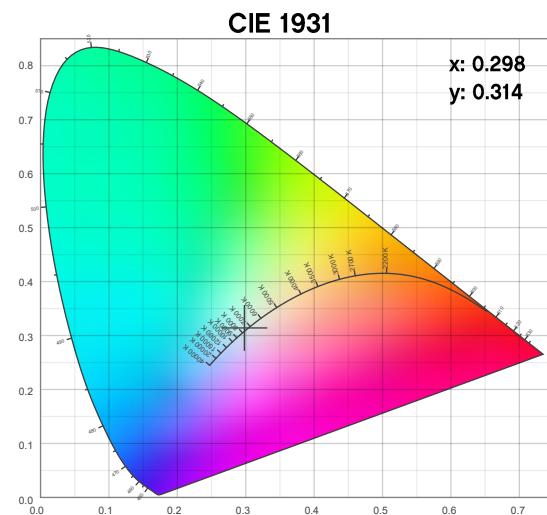
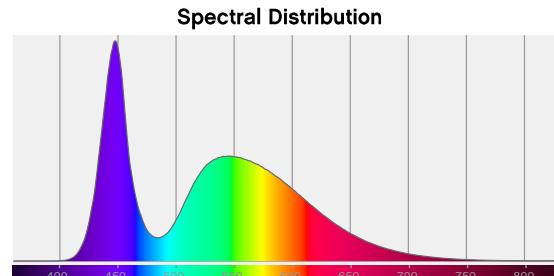
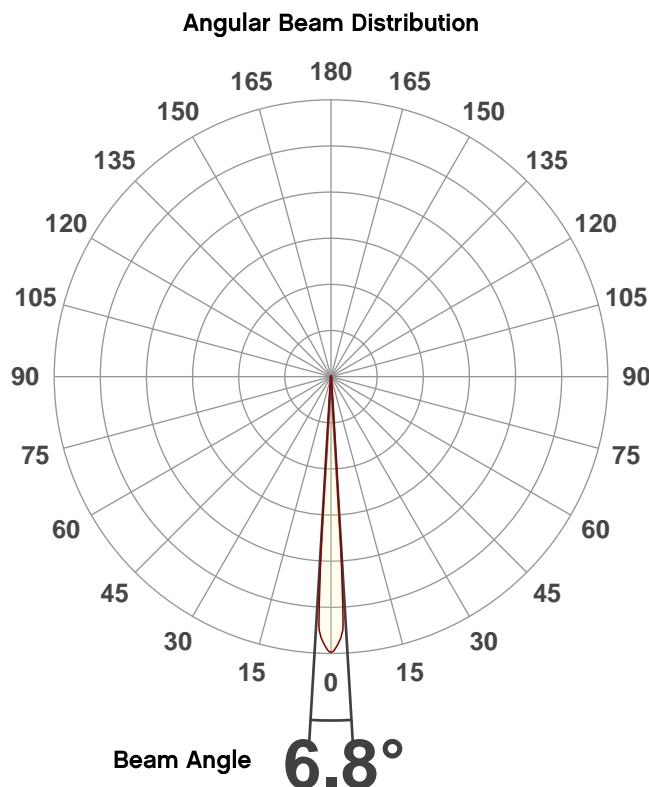
Conditions

AC Supply: 119 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 8/10/2020 to LM-63-2002 Standards.

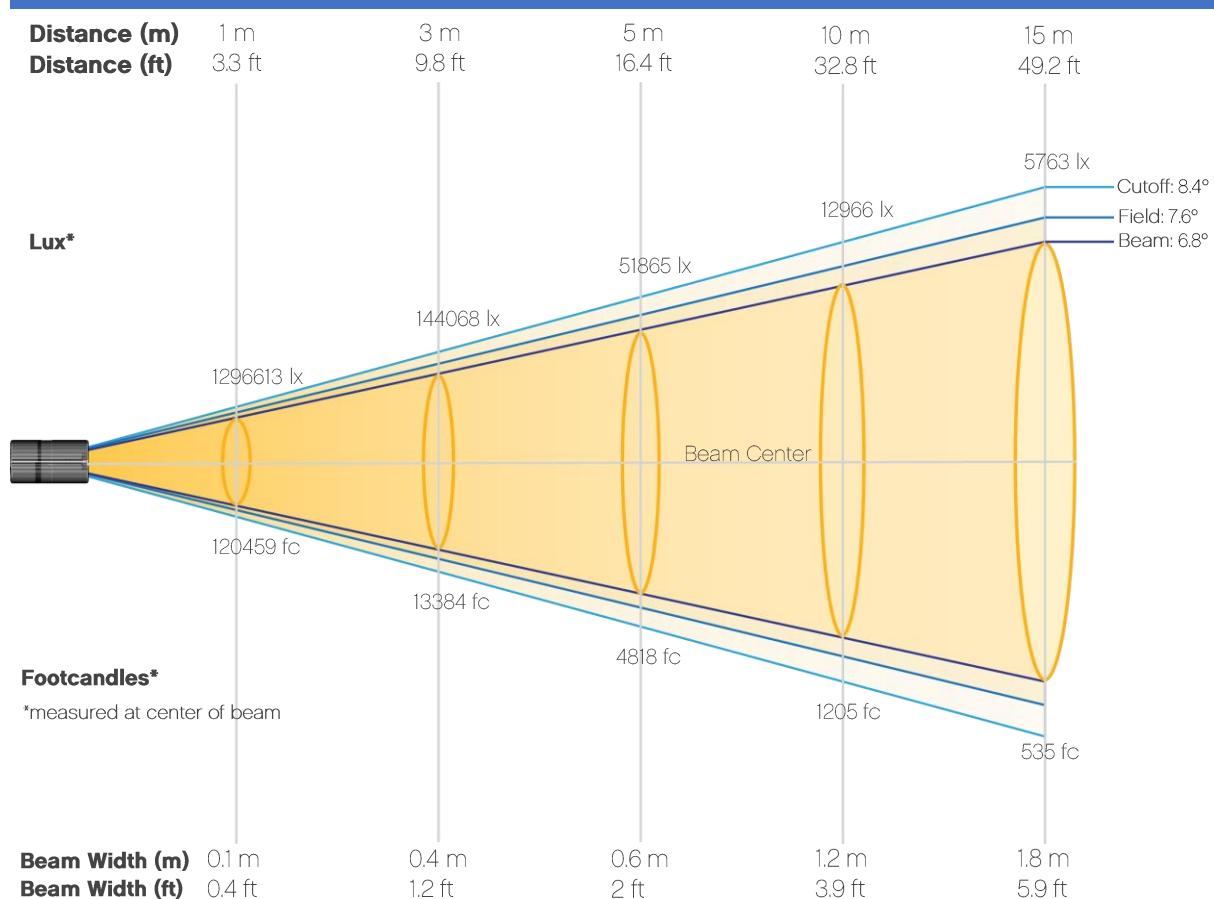
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Spot - Full Power

Beam Details

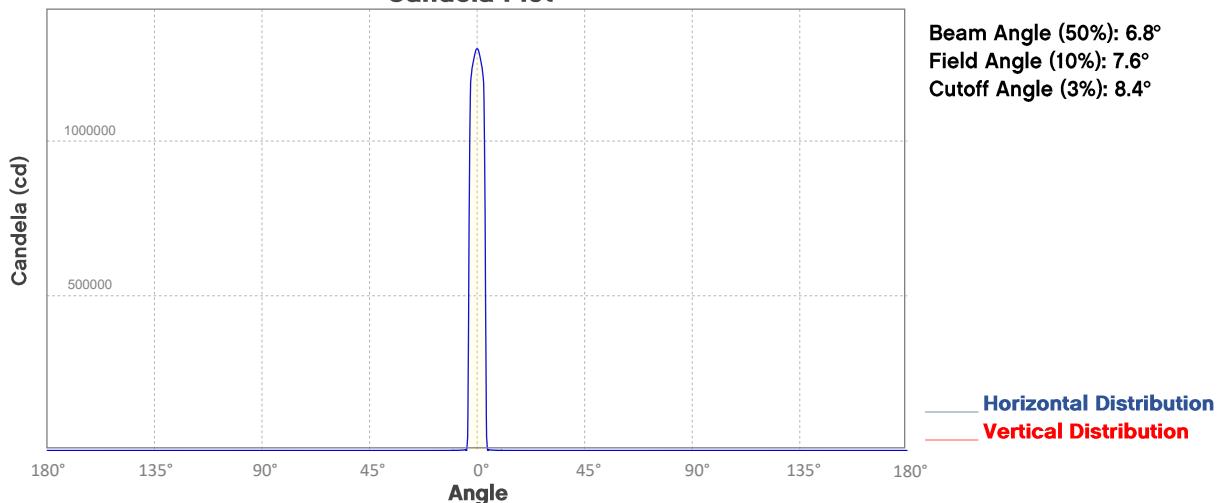


Beam Illuminances from 1-20m (3.3-65.6ft)

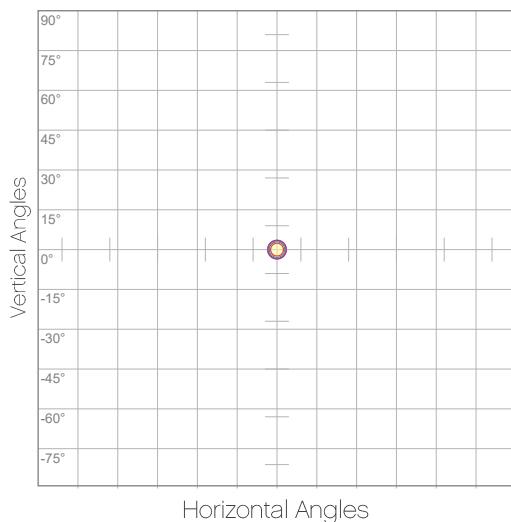
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	129661 3	324153	144068	81038	51865	36017	26461	20260	16008	12966
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	10716	9004	7672	6615	5763	5065	4487	4002	3592	3242
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	120459	30115	13384	7529	4818	3346	2458	1882	1487	1205
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	996	837	713	615	535	471	417	372	334	301

Photometric Report

Maverick Force 2 Profile: Full Spot - Full Power
Candela Plot



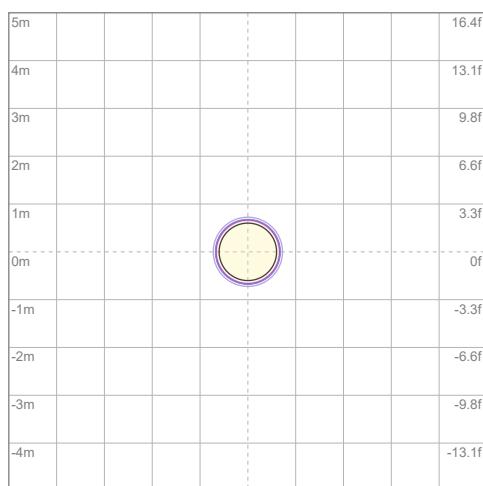
Polar Diagrams



iso-candela Diagram

10%	129661 cd
20%	259323 cd
30%	388984 cd
40%	518645 cd
50%	648307 cd
60%	777968 cd
70%	907629 cd
80%	1037291 cd
90%	1166952 cd

Conditions:
Number of c-planes: 2
Candela at center: 1296613 cd



iso-illuminance Diagram

3%	389 lx
5%	648 lx
10%	1297 lx
30%	3890 lx
50%	6483 lx

Conditions:
Number of c-planes: 2
Lux at center: 13.0K 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 Force 2 Profile: Full Spot - CRI Filter - Full Power

Report Summary

Output

Total Lumens: 9631 lm
Peak Intensity: 913080 cd
Illuminance @ 5m: 36523 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 6.4°
Vertical Beam Angle (50%): 6.4°
Horizontal Field Angle (10%): 7.4°
Vertical Field Angle (10%): 7.4°
Horizontal Cutoff Angle (3%): 7.6°
Vertical Cutoff Angle (3%): 7.6°

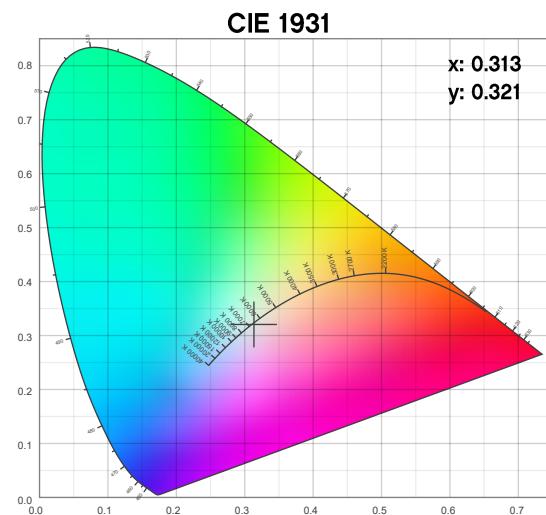
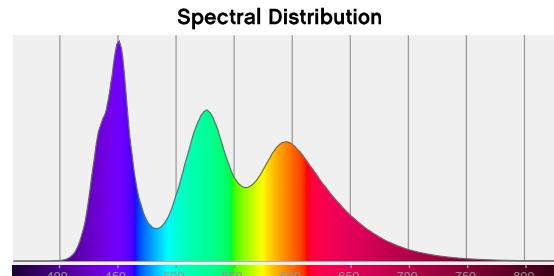
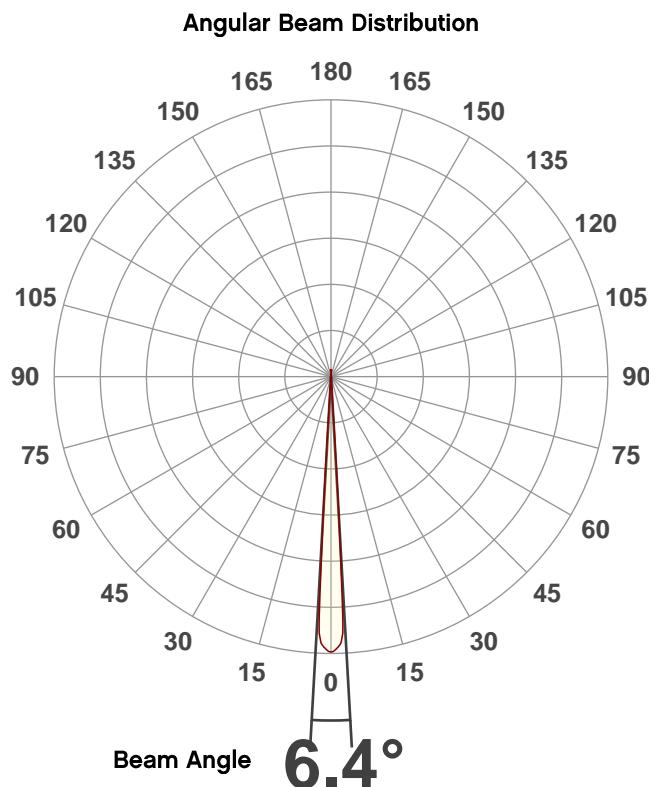


Conditions

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

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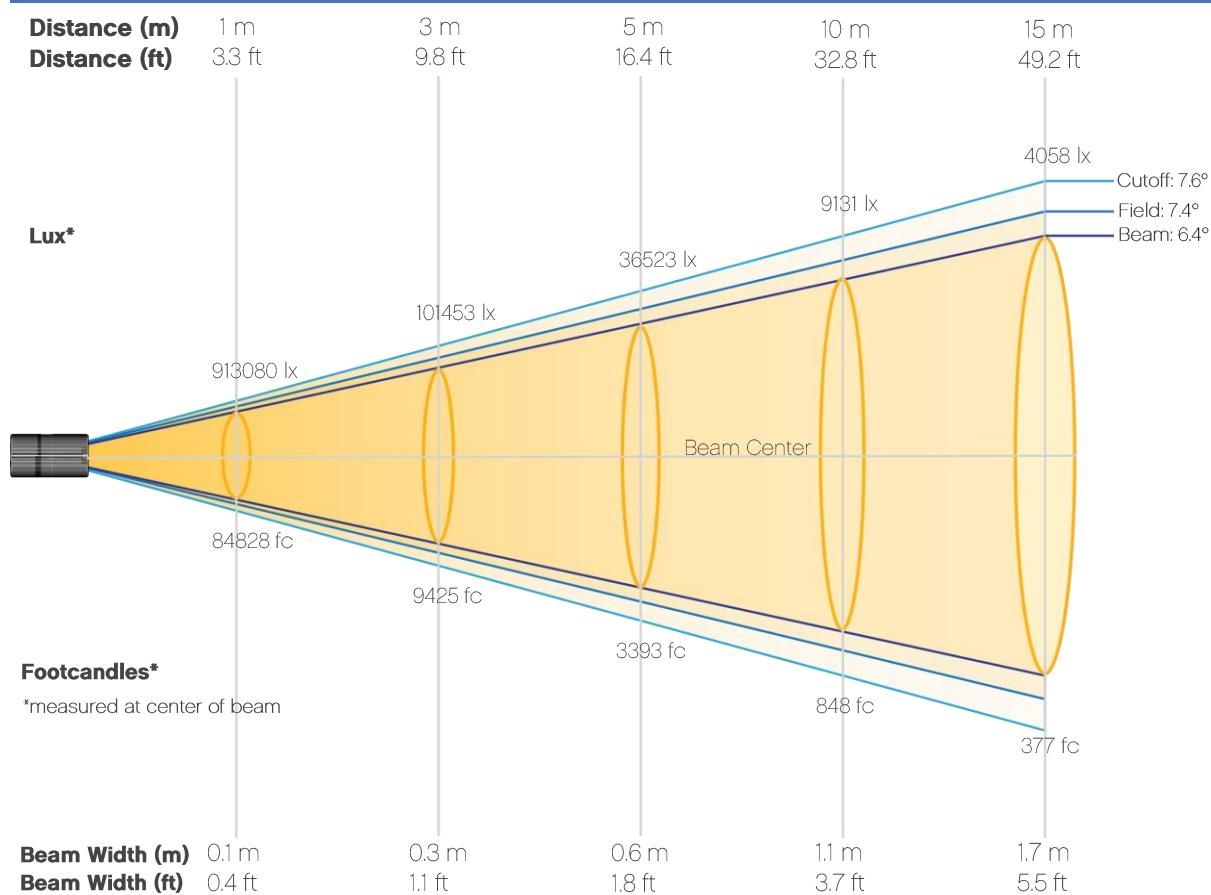
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Spot - CRI Filter - Full Power

Beam Details

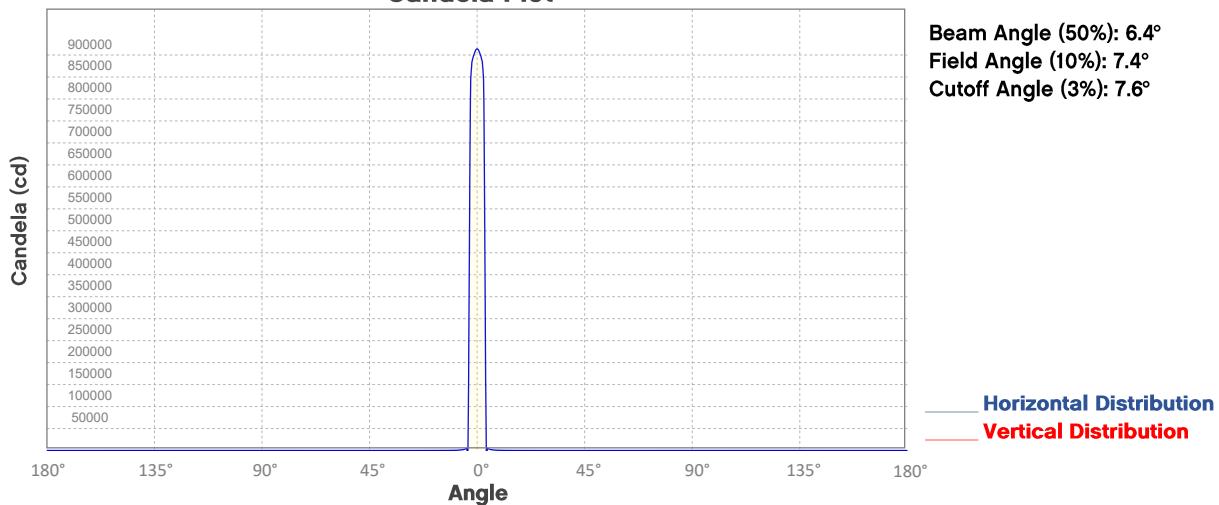


Beam Illuminances from 1-20m (3.3-65.6ft)

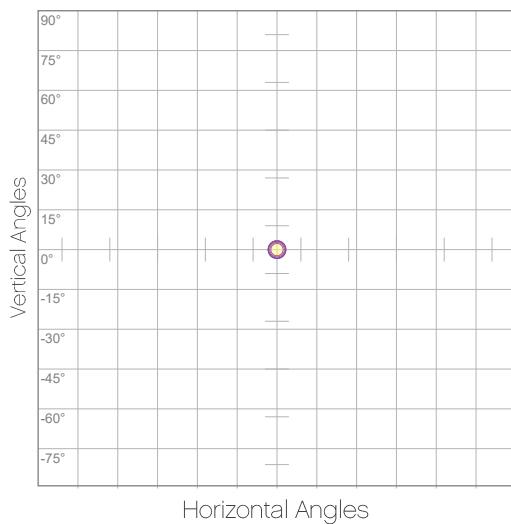
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	913080	228270	101453	57068	36523	25363	18634	14267	11273	9131
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7546	6341	5403	4659	4058	3567	3159	2818	2529	2283
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	84828	21207	9425	5302	3393	2356	1731	1325	1047	848
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	701	589	502	433	377	331	294	262	235	212

Photometric Report

Maverick Force 2 Profile: Full Spot - CRI Filter - Full Power
Candela Plot



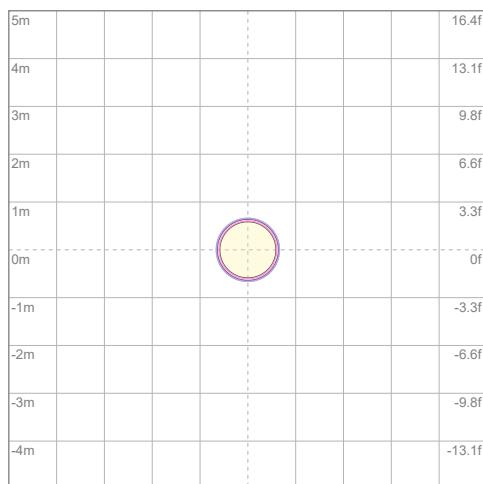
Polar Diagrams



iso-candela Diagram

10%	91308 cd
20%	182616 cd
30%	273924 cd
40%	365232 cd
50%	456540 cd
60%	547848 cd
70%	639156 cd
80%	730464 cd
90%	821772 cd

Conditions:
Number of c-planes: 2
Candela at center: 913080 cd



iso-illuminance Diagram

3%	274 lx
5%	457 lx
10%	913 lx
30%	2739 lx
50%	4565 lx

Conditions:
Number of c-planes: 2
Lux at center: 9131 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 Force 2 Profile: Full Spot - CTO Filter - Full Power

Report Summary

Output

Total Lumens: 5079 lm
Peak Intensity: 490361 cd
Illuminance @ 5m: 19614 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 6.4°
Vertical Beam Angle (50%): 6.4°
Horizontal Field Angle (10%): 7°
Vertical Field Angle (10%): 7°
Horizontal Cutoff Angle (3%): 7.8°
Vertical Cutoff Angle (3%): 7.8°

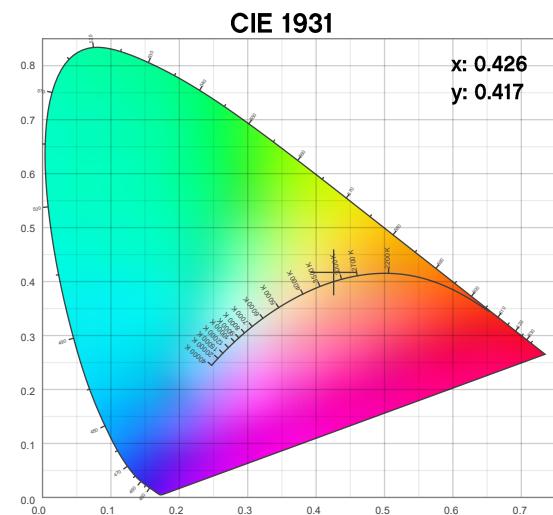
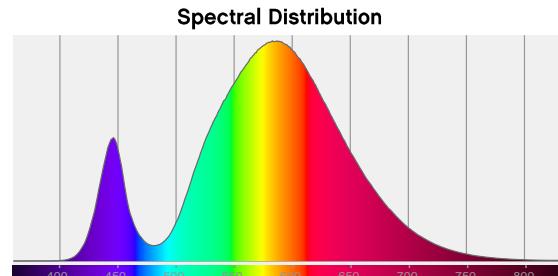
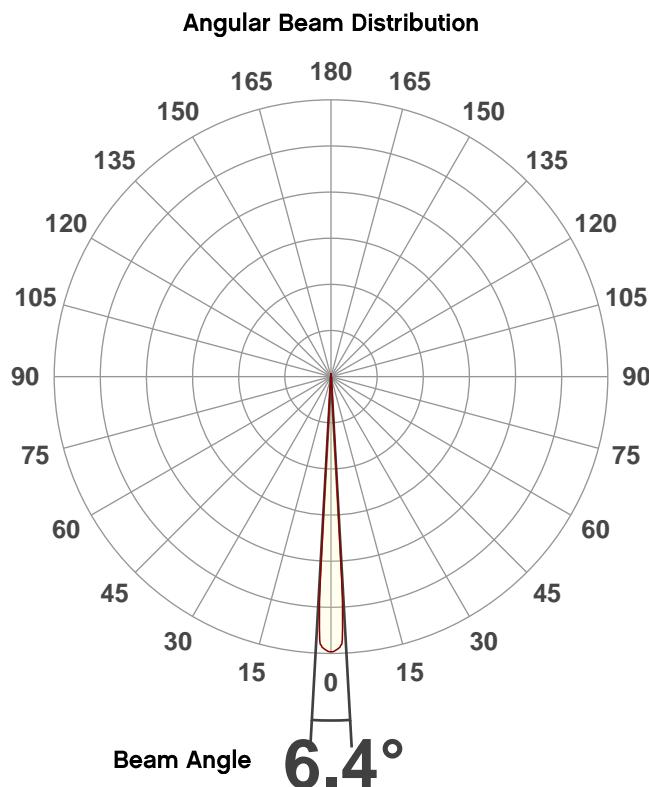
Conditions

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



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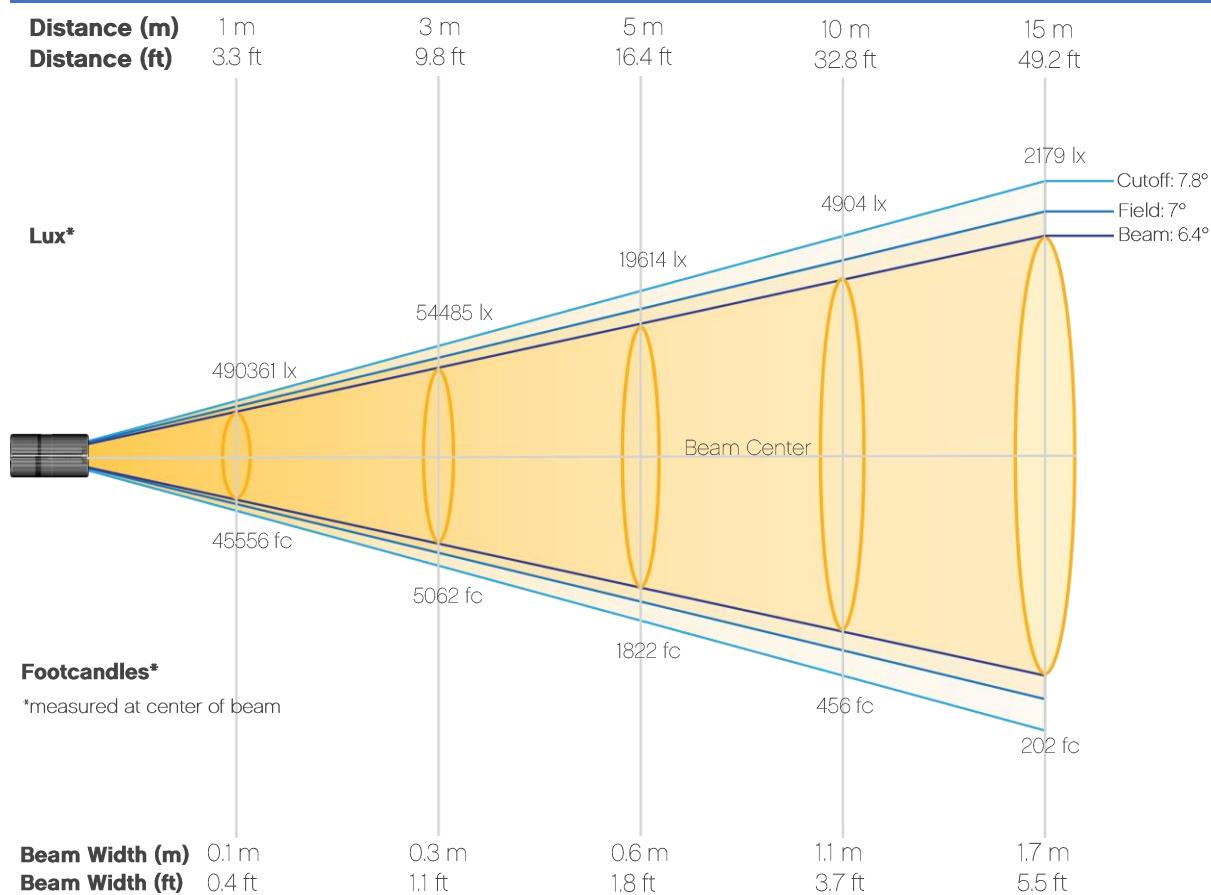
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Spot - CTO Filter - Full Power

Beam Details

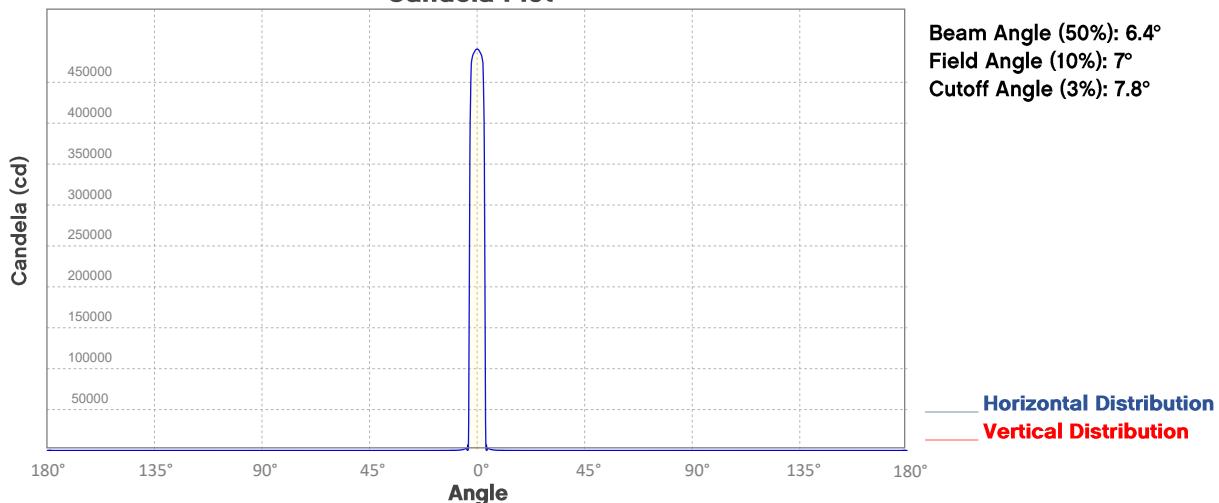


Beam Illuminances from 1-20m (3.3-65.6ft)

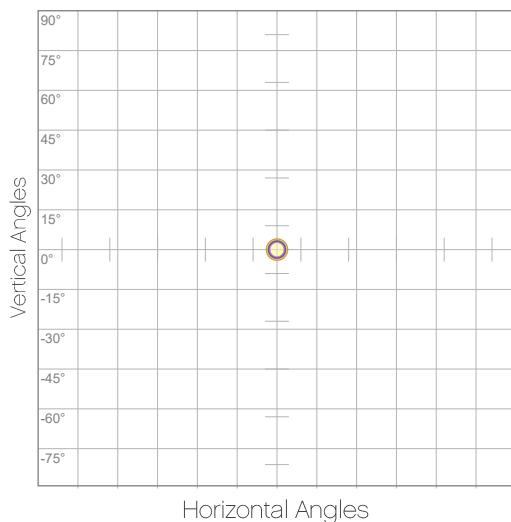
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	490361	122590	54485	30648	19614	13621	10007	7662	6054	4904
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	4053	3405	2902	2502	2179	1915	1697	1513	1358	1226
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	45556	11389	5062	2847	1822	1265	930	712	562	456
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	376	316	270	232	202	178	158	141	126	114

Photometric Report

Maverick Force 2 Profile: Full Spot - CTO Filter - Full Power
Candela Plot



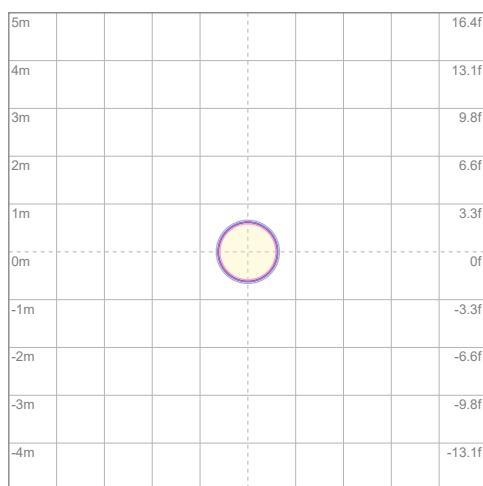
Polar Diagrams



iso-candela Diagram

10%	49036 cd
20%	98072 cd
30%	147108 cd
40%	196144 cd
50%	245180 cd
60%	294217 cd
70%	343253 cd
80%	392289 cd
90%	441325 cd

Conditions:
Number of c-planes: 2
Candela at center: 490361 cd



iso-illuminance Diagram

3%	147 lx
5%	245 lx
10%	490 lx
30%	1471 lx
50%	2452 lx

Conditions:
Number of c-planes: 2
Lux at center: 4904 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 Force 2 Profile: Full Spot - TV35 - Full Power

Report Summary

Output

Total Lumens: 10513 lm
Peak Intensity: 913755 cd
Illuminance @ 5m: 36550 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 6.8°
Vertical Beam Angle (50%): 6.8°
Horizontal Field Angle (10%): 7.6°
Vertical Field Angle (10%): 7.6°
Horizontal Cutoff Angle (3%): 8.3°
Vertical Cutoff Angle (3%): 8.3°

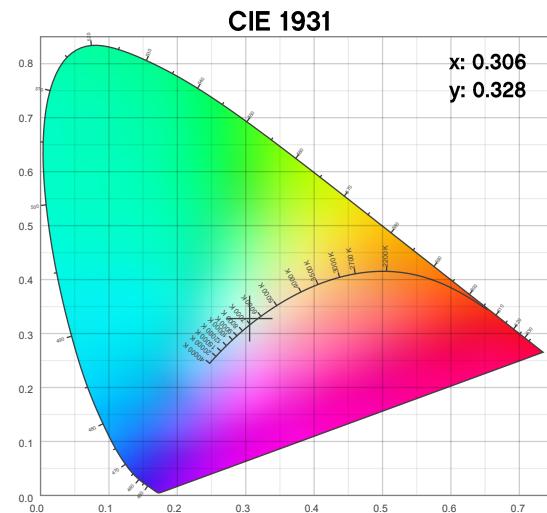
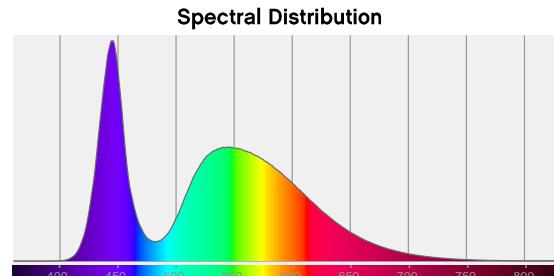
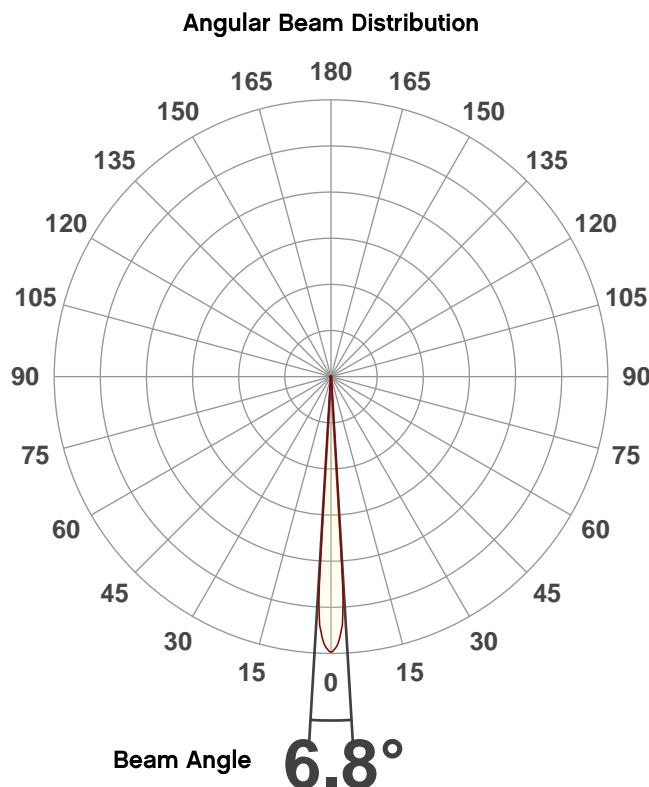
Conditions

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



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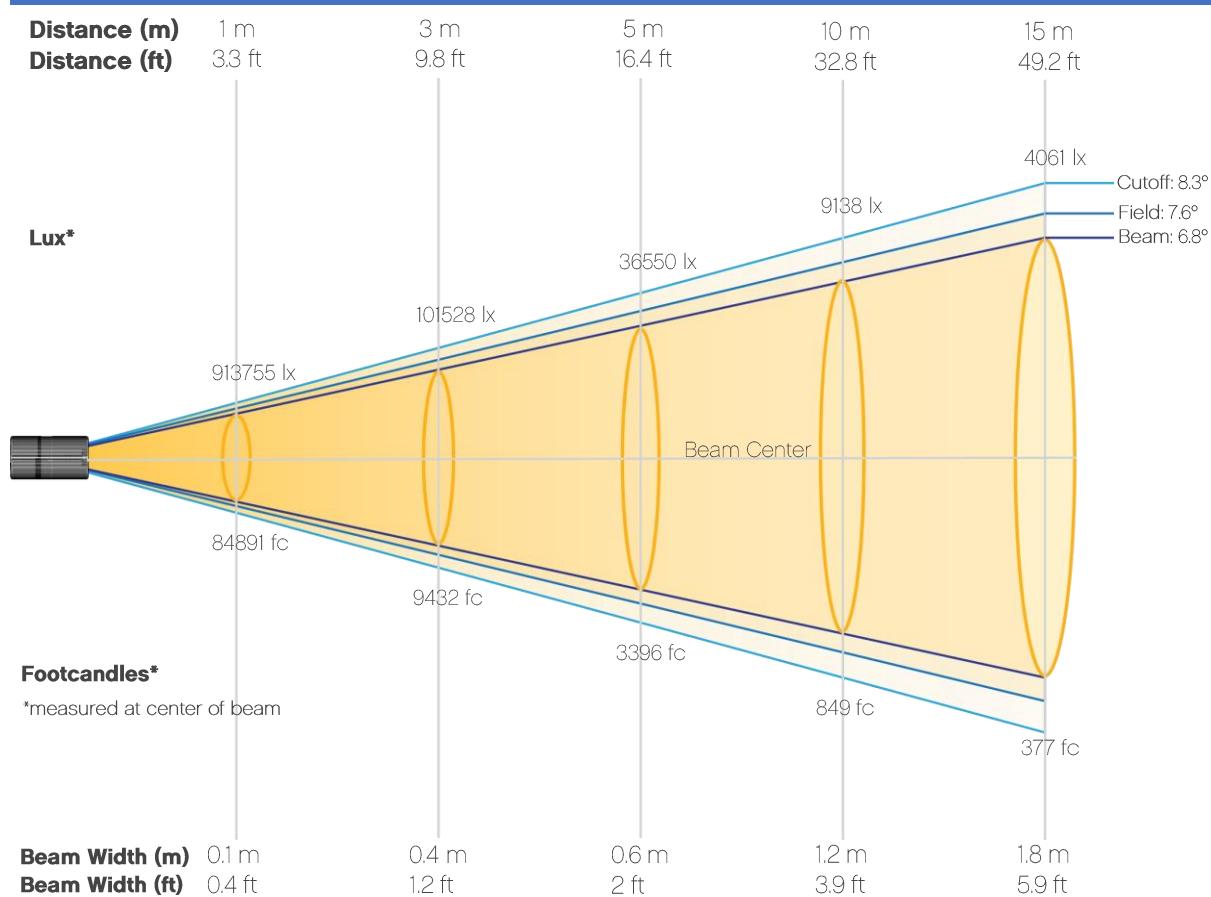
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Spot - TV35 - Full Power

Beam Details

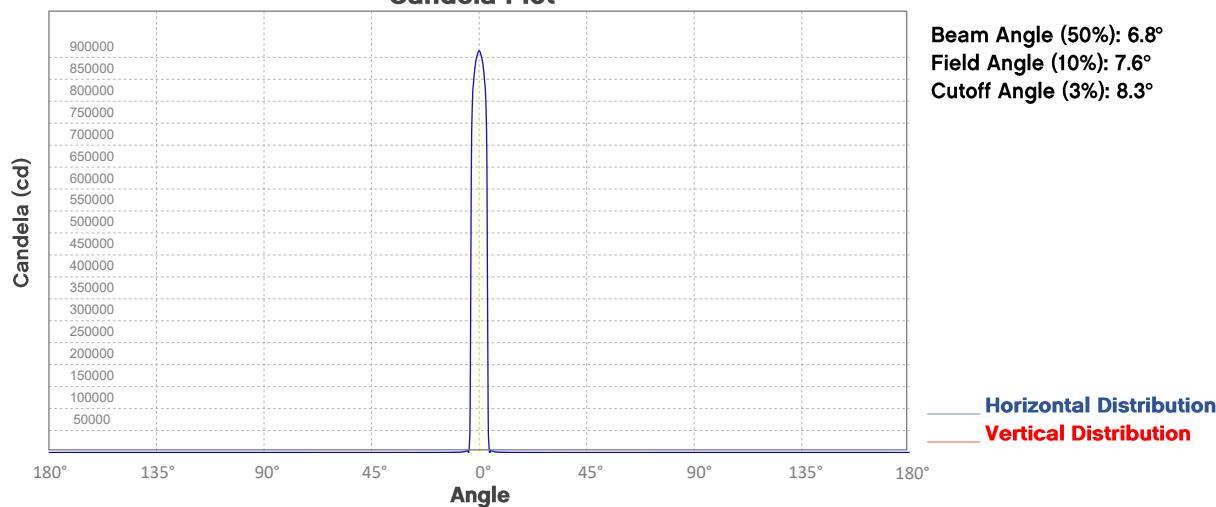


Beam Illuminances from 1-20m (3.3-65.6ft)

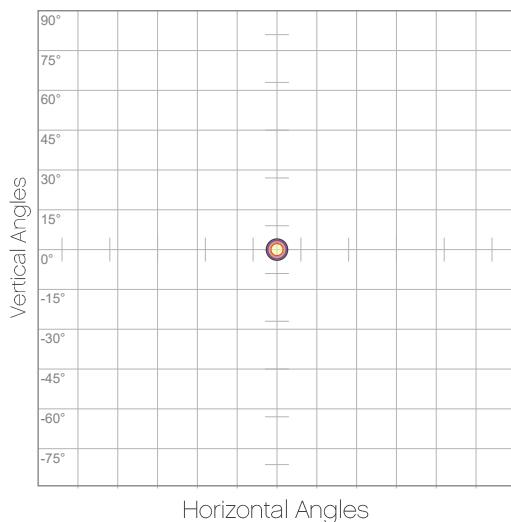
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	913755	228439	101528	57110	36550	25382	18648	14277	11281	9138
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7552	6346	5407	4662	4061	3569	3162	2820	2531	2284
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	84891	21223	9432	5306	3396	2358	1732	1326	1048	849
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	702	590	502	433	377	332	294	262	235	212

Photometric Report

Maverick Force 2 Profile: Full Spot - TV35 - Full Power
Candela Plot



Polar Diagrams

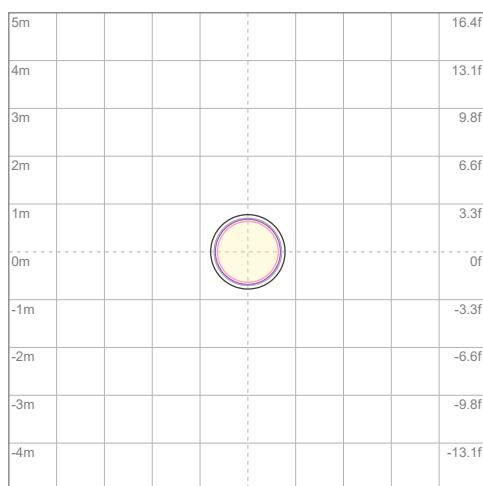


iso-candela Diagram

10%	91375 cd
20%	182751 cd
30%	274126 cd
40%	365502 cd
50%	456877 cd
60%	548253 cd
70%	639628 cd
80%	731004 cd
90%	822379 cd

Conditions:

Number of c-planes: 2
Candela at center: 913755 cd



iso-illuminance Diagram

3%	274 lx
5%	457 lx
10%	914 lx
30%	2741 lx
50%	4569 lx

Conditions:

Number of c-planes: 2
Lux at center: 9138 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 Force 2 Profile: Full Spot - TV25 - Full Power

Report Summary

Output

Total Lumens: 11301 lm
Peak Intensity: 1031622 cd
Illuminance @ 5m: 41265 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 6.5°
Vertical Beam Angle (50%): 6.5°
Horizontal Field Angle (10%): 8.3°
Vertical Field Angle (10%): 8.3°
Horizontal Cutoff Angle (3%): 9.3°
Vertical Cutoff Angle (3%): 9.3°

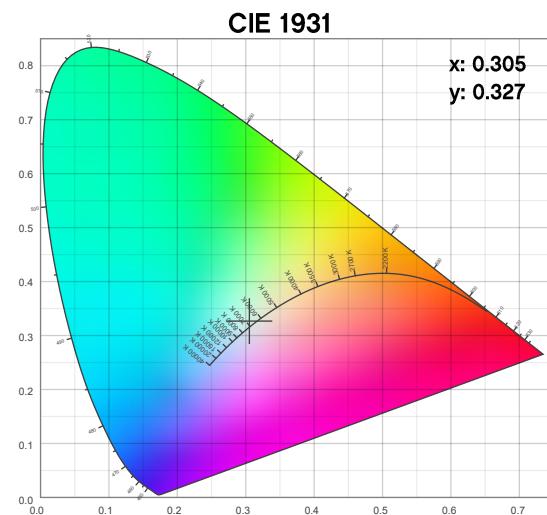
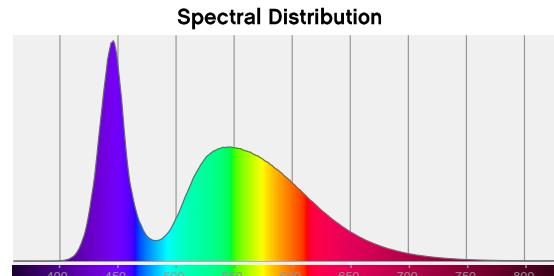
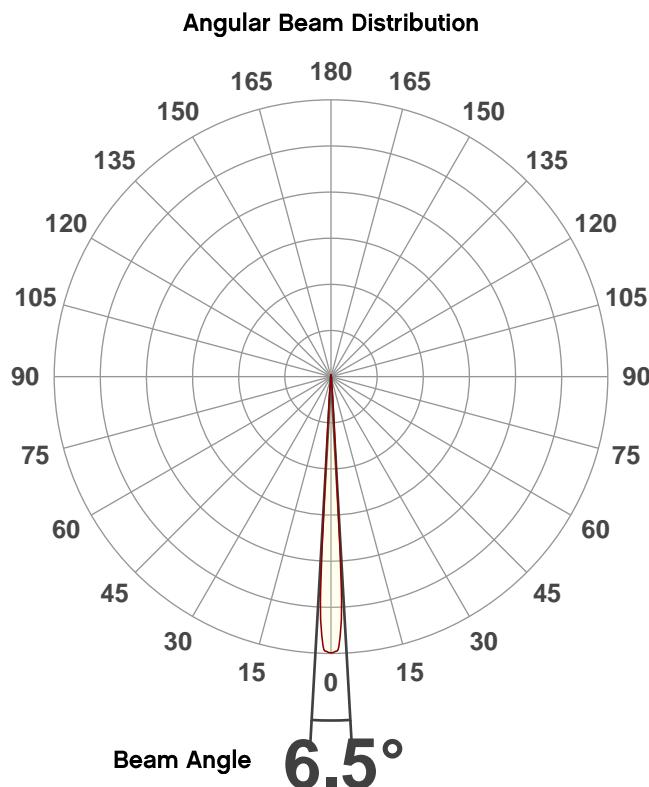
Conditions

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



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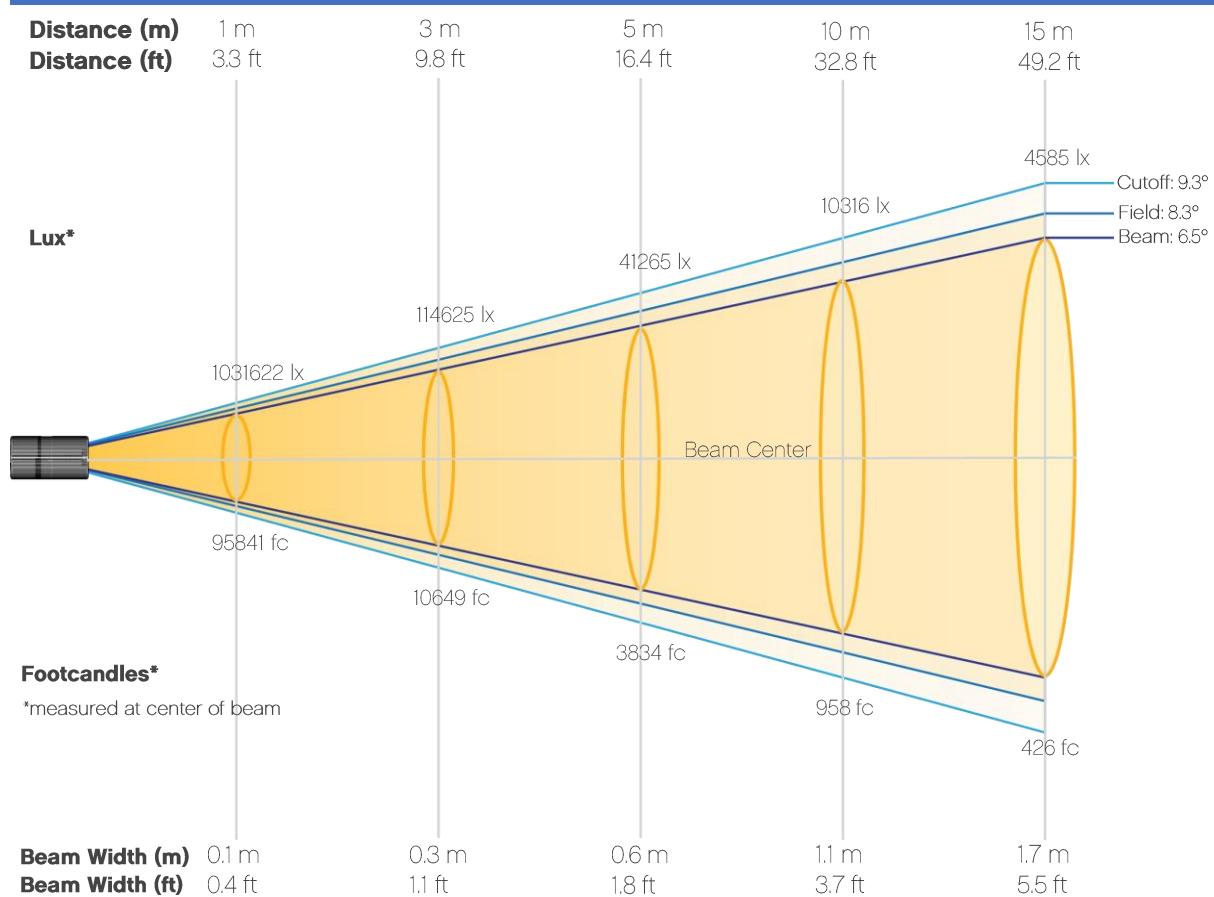
Overall Measurement



Photometric Report

Maverick Force 2 Profile: Full Spot - TV25 - Full Power

Beam Details

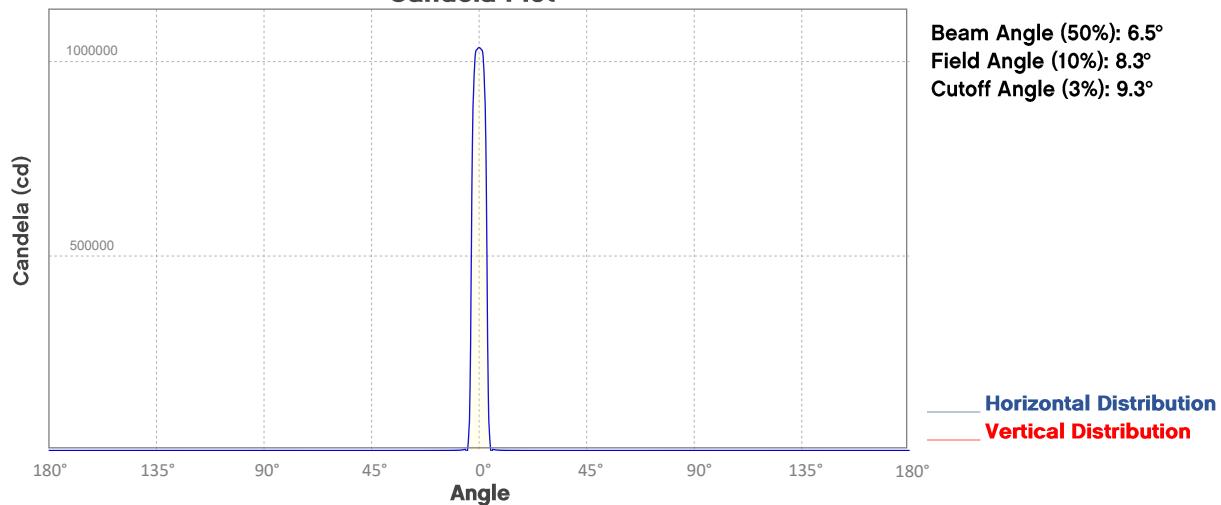


Beam Illuminances from 1-20m (3.3-65.6ft)

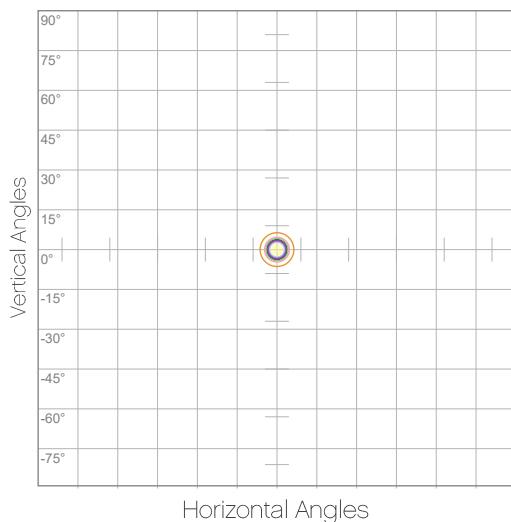
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	103162 2	257906	114625	64476	41265	28656	21054	16119	12736	10316
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	8526	7164	6104	5263	4585	4030	3570	3184	2858	2579
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	95841	23960	10649	5990	3834	2662	1956	1498	1183	958
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	792	666	567	489	426	374	332	296	265	240

Photometric Report

Maverick Force 2 Profile: Full Spot - TV25 - Full Power
Candela Plot



Polar Diagrams

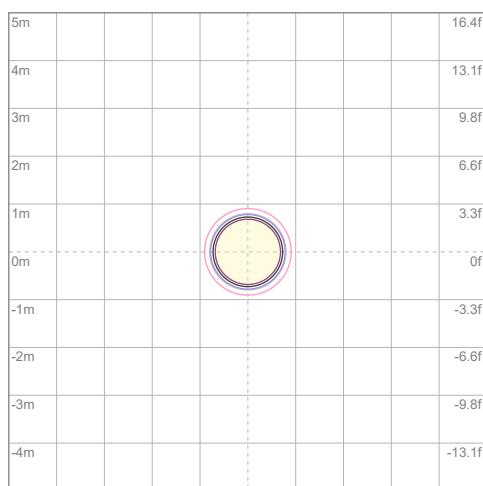


iso-candela Diagram

10%	103162 cd
20%	206324 cd
30%	309487 cd
40%	412649 cd
50%	515811 cd
60%	618973 cd
70%	722136 cd
80%	825298 cd
90%	928460 cd

Conditions:

Number of c-planes: 2
Candela at center: 1031622 cd



iso-illuminance Diagram

3%	309 lx
5%	516 lx
10%	1032 lx
30%	3095 lx
50%	5158 lx

Conditions:

Number of c-planes: 2
Lux at center: 10.3K 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 Force 2 Profile: 50% Zoom - Full Power

Report Summary

Output

Total Lumens: 20946 lm
Peak Intensity: 237710 cd
Illuminance @ 5m: 9508 lux
Fixture Efficacy: 26 lm/W

Optical

Horizontal Beam Angle (50%): 18.8°
Vertical Beam Angle (50%): 18.8°
Horizontal Field Angle (10%): 22.8°
Vertical Field Angle (10%): 22.8°
Horizontal Cutoff Angle (3%): 25.5°
Vertical Cutoff Angle (3%): 25.5°

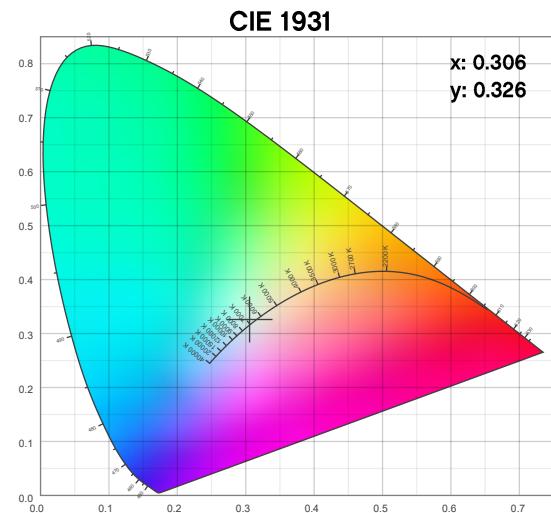
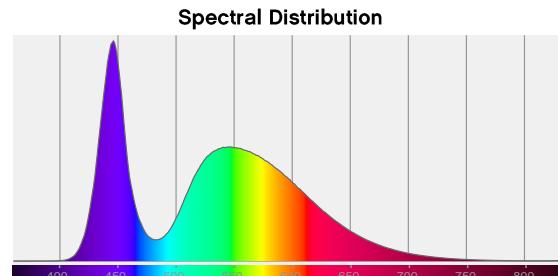
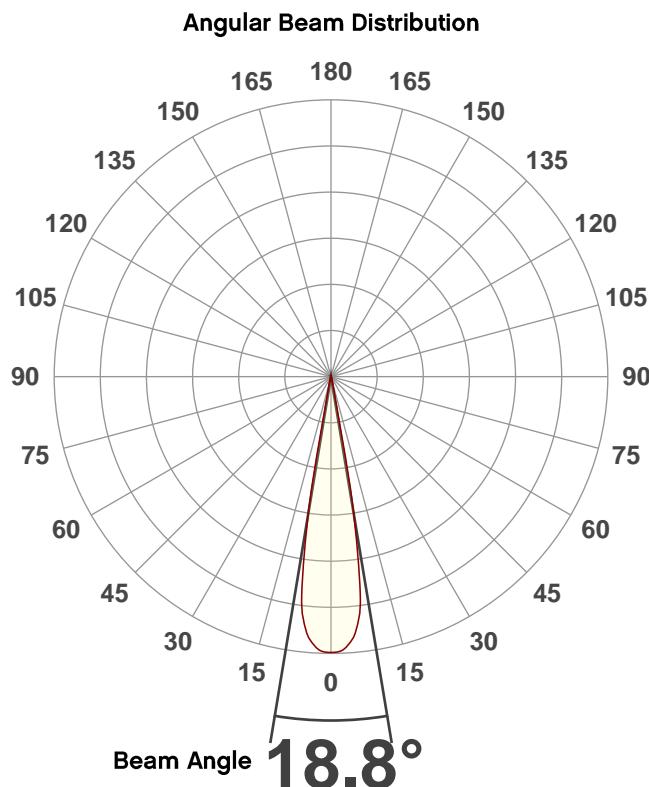


Conditions

AC Supply: 122 V, 0 Hz
Power: 800.05 W
Current: 6.58 A
Power Factor: 1.0

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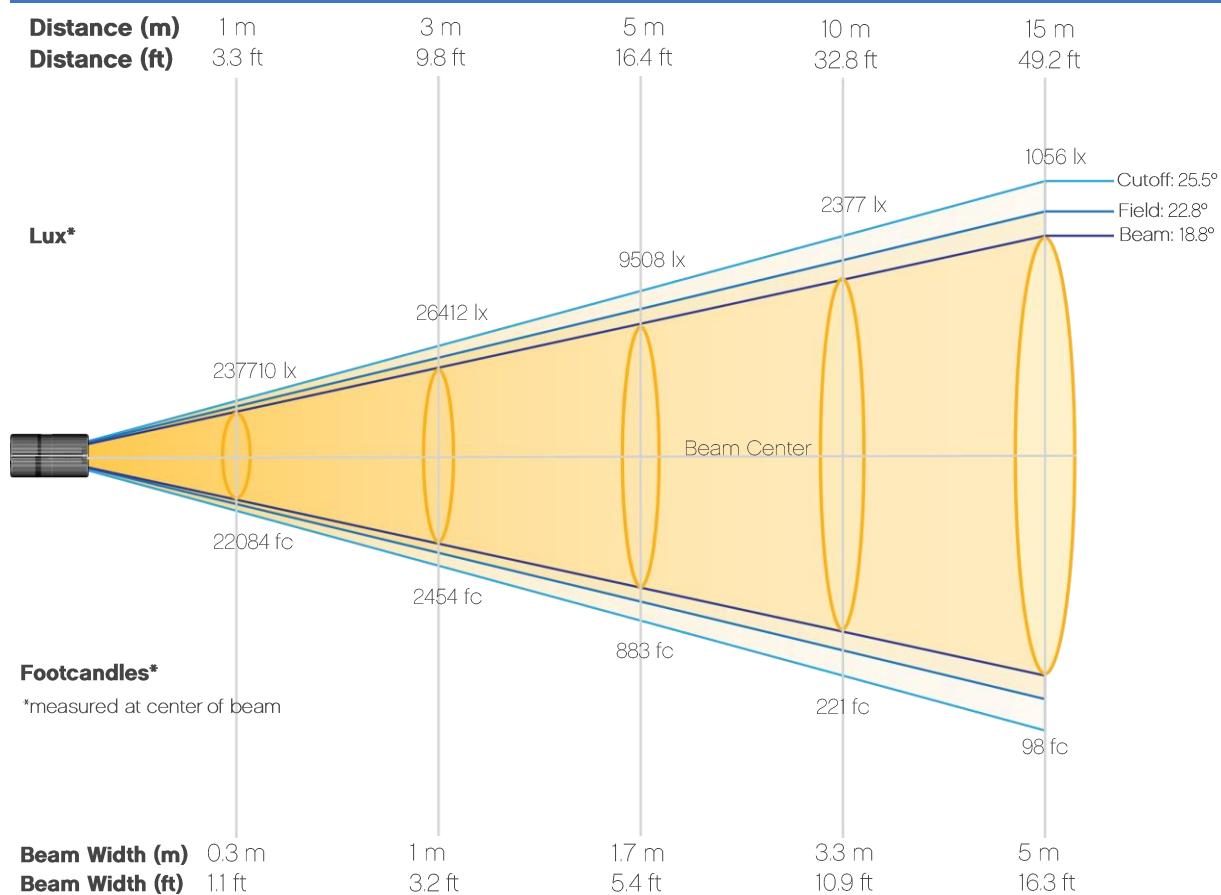
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Full Power

Beam Details

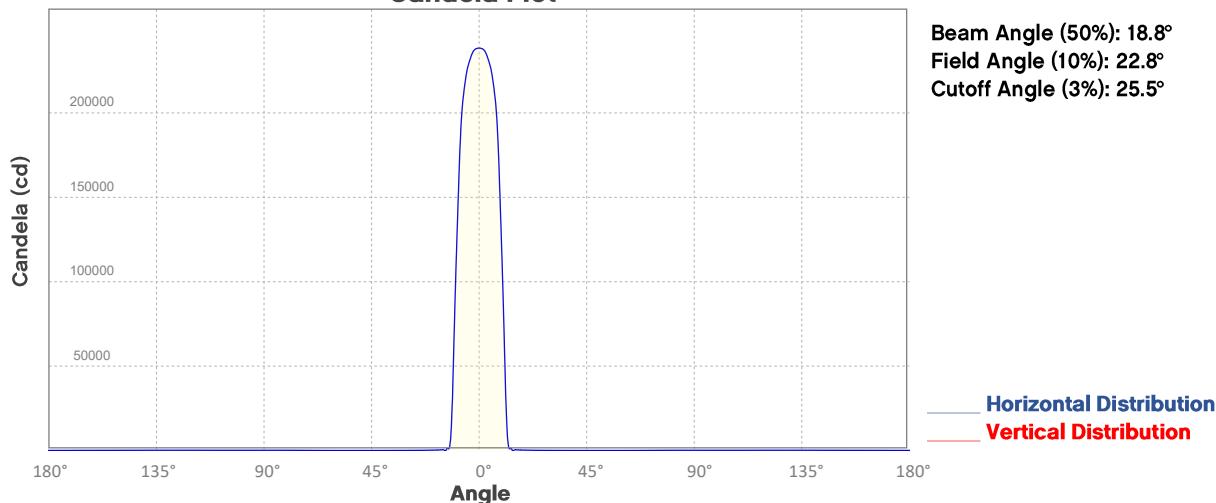


Beam Illuminances from 1-20m (3.3-65.6ft)

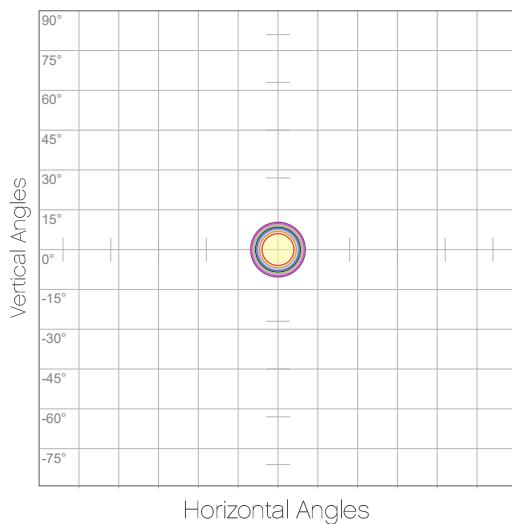
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	237710	59427	26412	14857	9508	6603	4851	3714	2935	2377
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	1965	1651	1407	1213	1056	929	823	734	658	594
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	22084	5521	2454	1380	883	613	451	345	273	221
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	183	153	131	113	98	86	76	68	61	55

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Full Power
Candela Plot



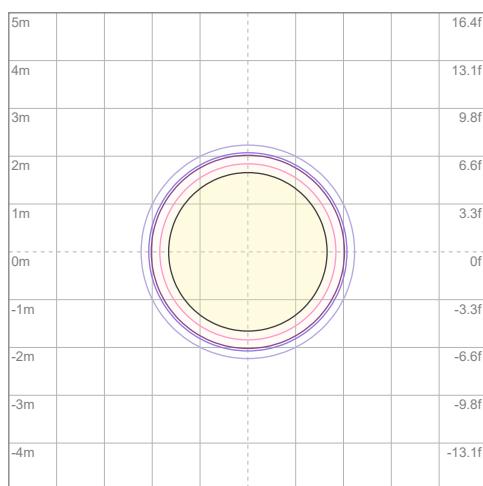
Polar Diagrams



iso-candela Diagram

10%	23771 cd
20%	47542 cd
30%	71313 cd
40%	95084 cd
50%	118855 cd
60%	142626 cd
70%	166397 cd
80%	190168 cd
90%	213939 cd

Conditions:
Number of c-planes: 2
Candela at center: 237710 cd



iso-illuminance Diagram

3%	71.3 lx
5%	119 lx
10%	238 lx
30%	713 lx
50%	1189 lx

Conditions:
Number of c-planes: 2
Lux at center: 2377 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 Force 2 Profile: 50% Zoom - CRI Filter - Full Power

Report Summary

Output

Total Lumens: 13856 lm
Peak Intensity: 161635 cd
Illuminance @ 5m: 6465 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 18.8°
Vertical Beam Angle (50%): 18.8°
Horizontal Field Angle (10%): 22.4°
Vertical Field Angle (10%): 22.4°
Horizontal Cutoff Angle (3%): 23.5°
Vertical Cutoff Angle (3%): 23.5°

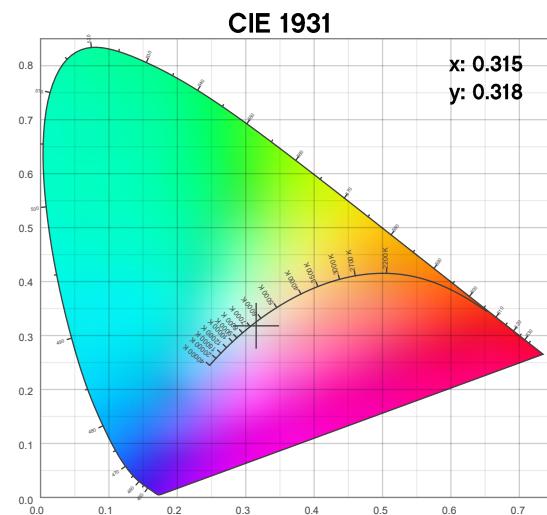
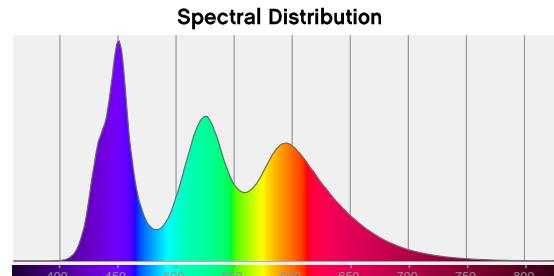
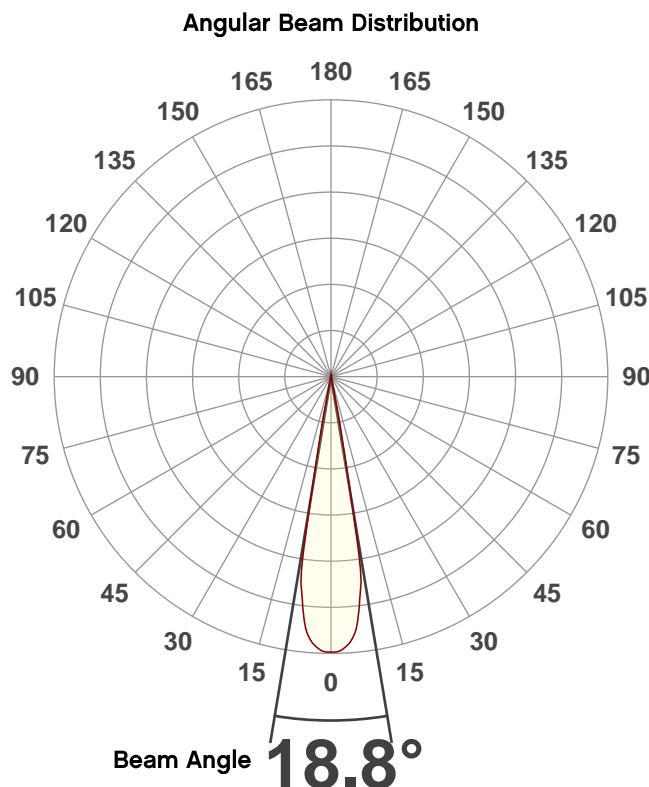


Conditions

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

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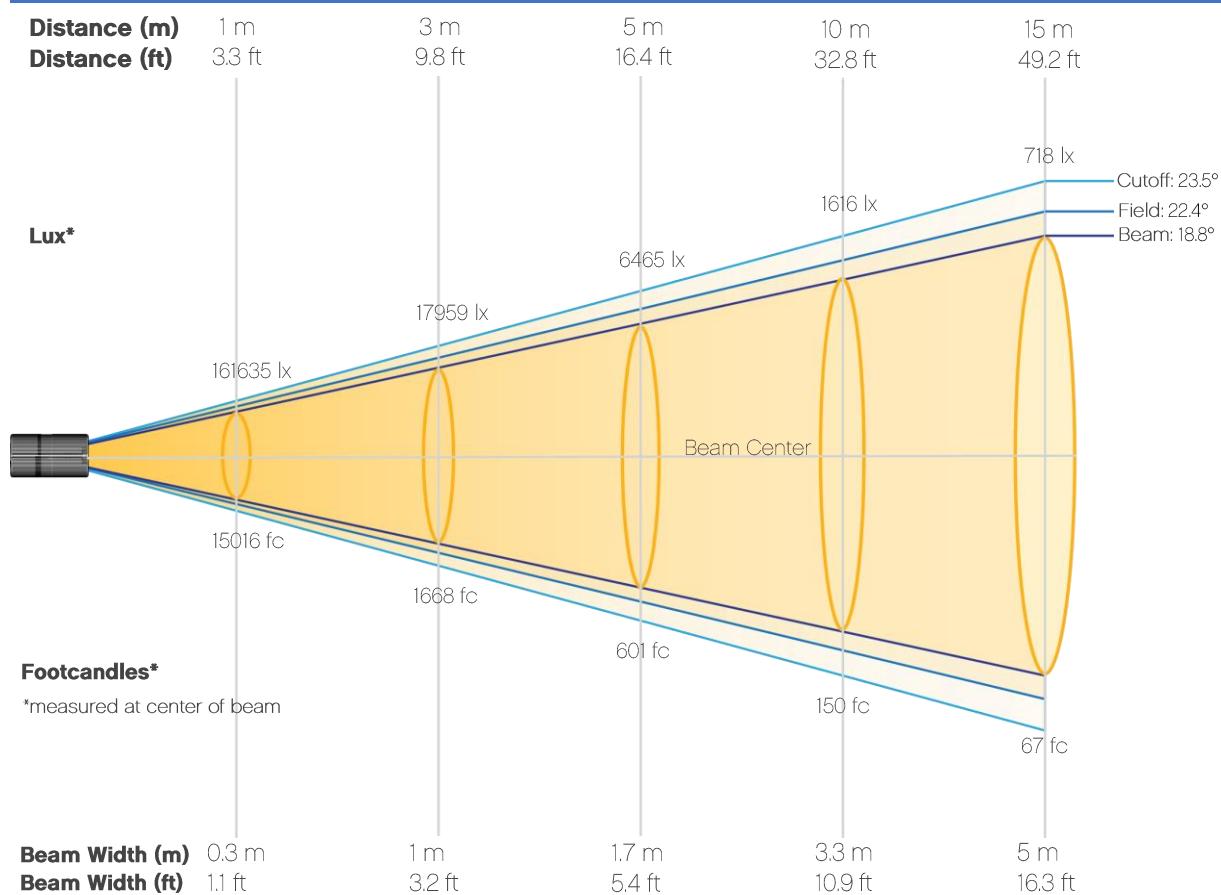
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - CRI Filter - Full Power

Beam Details

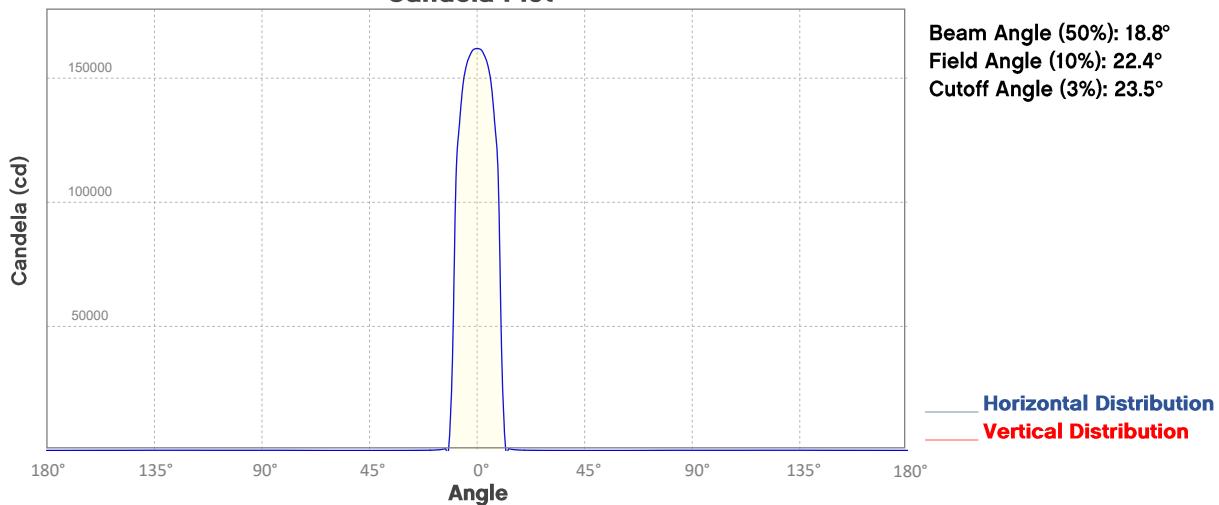


Beam Illuminances from 1-20m (3.3-65.6ft)

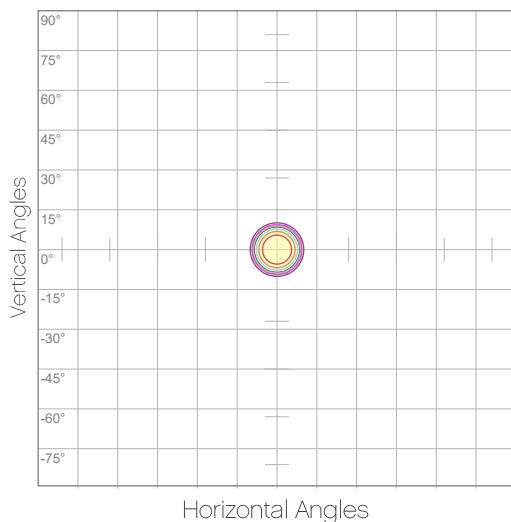
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	161635	40409	17959	10102	6465	4490	3299	2526	1995	1616
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1336	1122	956	825	718	631	559	499	448	404
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15016	3754	1668	939	601	417	306	235	185	150
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	124	104	89	77	67	59	52	46	42	38

Photometric Report

Maverick Force 2 Profile: 50% Zoom - CRI Filter - Full Power
Candela Plot



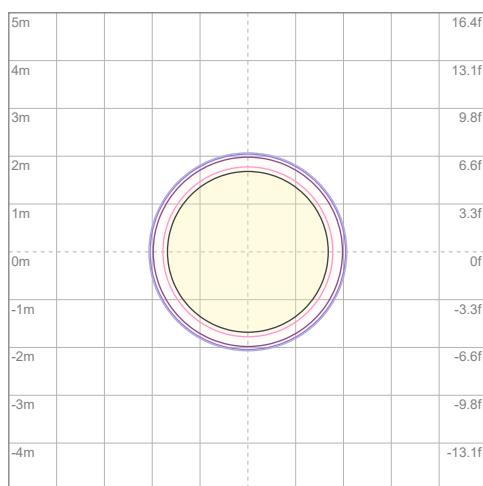
Polar Diagrams



iso-candela Diagram

10%	16163 cd
20%	32327 cd
30%	48490 cd
40%	64654 cd
50%	80817 cd
60%	96981 cd
70%	113144 cd
80%	129308 cd
90%	145471 cd

Conditions:
Number of c-planes: 2
Candela at center: 161635 cd



iso-illuminance Diagram

3%	48.5 lx
5%	80.8 lx
10%	162 lx
30%	485 lx
50%	808 lx

Conditions:
Number of c-planes: 2
Lux at center: 1616 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 Force 2 Profile: 50% Zoom - CTO Filter - Full Power

Report Summary

Output

Total Lumens: 7549 lm
Peak Intensity: 86719 cd
Illuminance @ 5m: 3469 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 18.9°
Vertical Beam Angle (50%): 18.9°
Horizontal Field Angle (10%): 22.5°
Vertical Field Angle (10%): 22.5°
Horizontal Cutoff Angle (3%): 23.4°
Vertical Cutoff Angle (3%): 23.4°

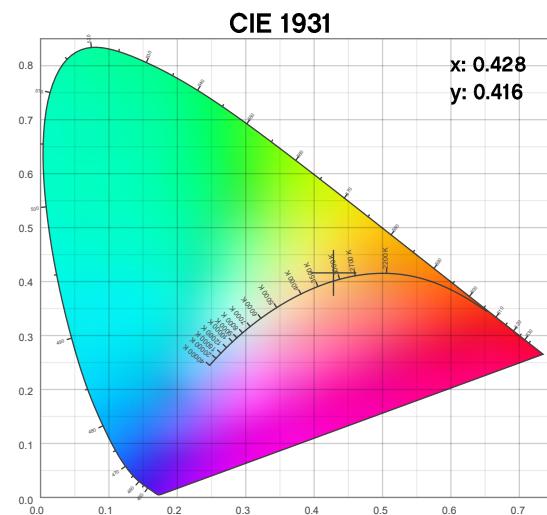
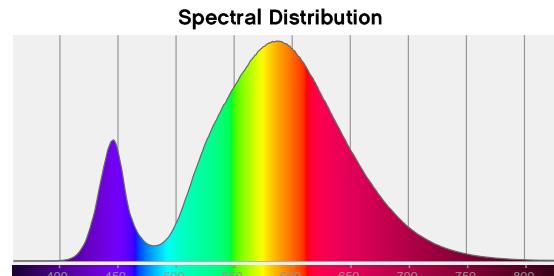
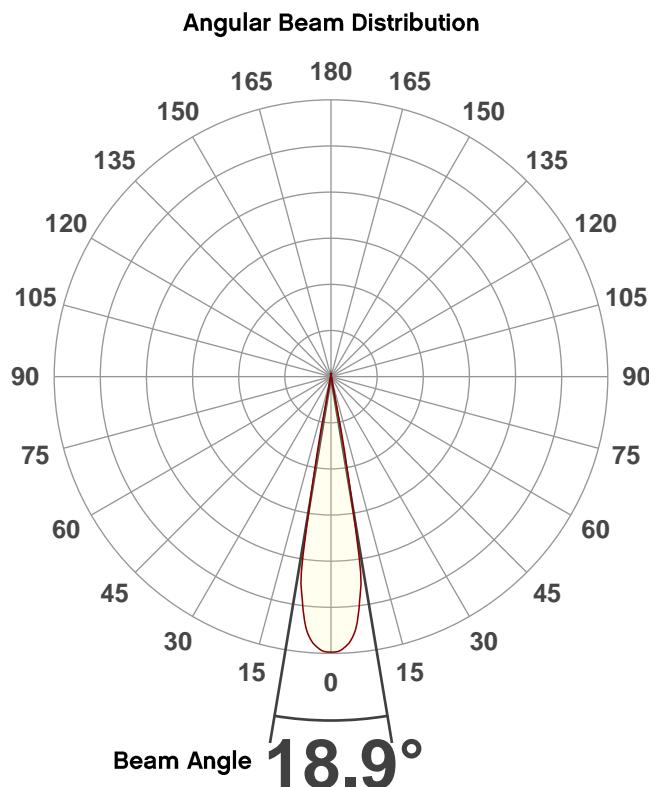


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpiron Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/21/2020 to LM-63-2002 Standards.

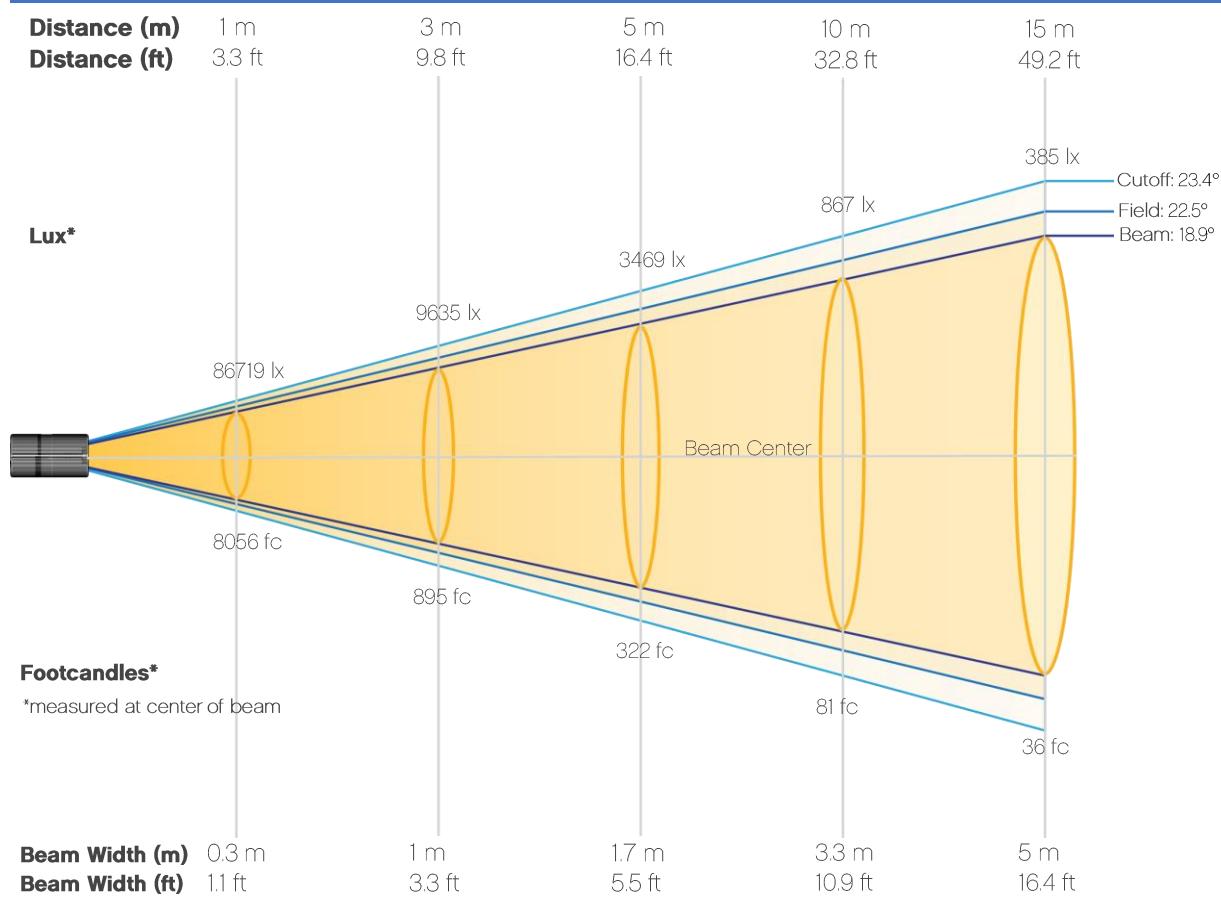
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - CTO Filter - Full Power

Beam Details

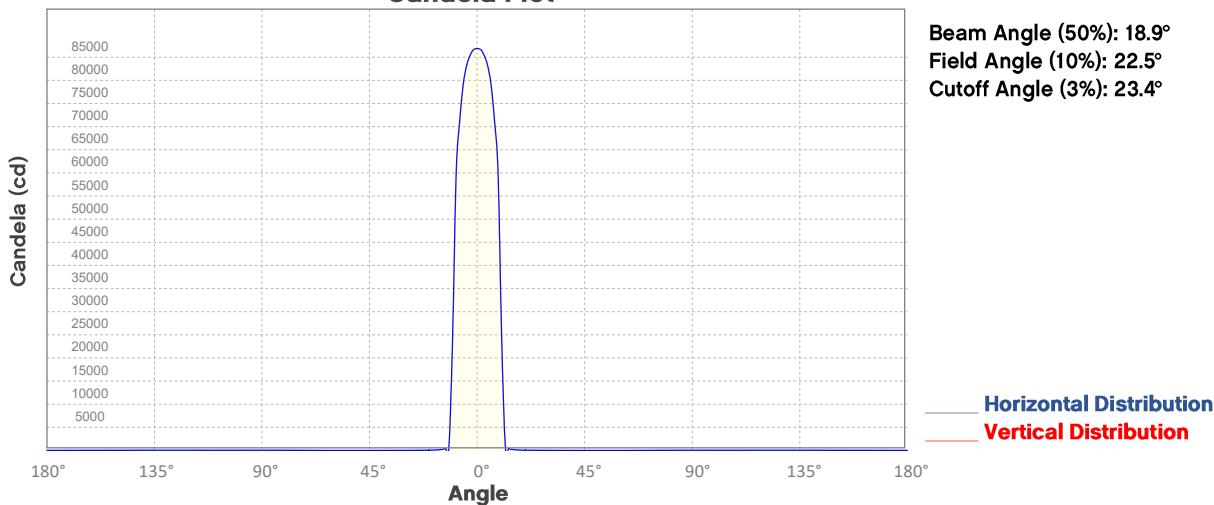


Beam Illuminances from 1-20m (3.3-65.6ft)

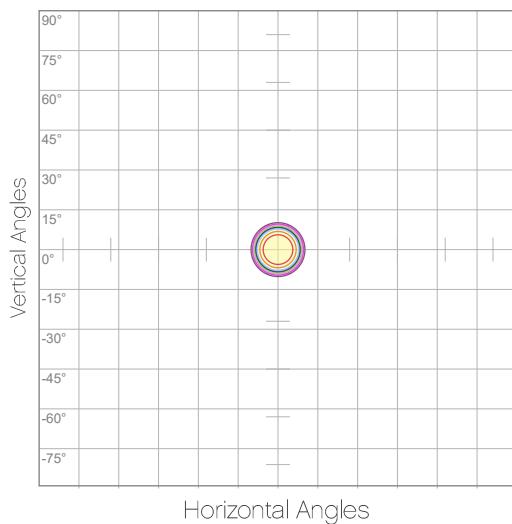
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	86719	21680	9635	5420	3469	2409	1770	1355	1071	867
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	717	602	513	442	385	339	300	268	240	217
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8056	2014	895	504	322	224	164	126	99	81
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	67	56	48	41	36	31	28	25	22	20

Photometric Report

Maverick Force 2 Profile: 50% Zoom - CTO Filter - Full Power
Candela Plot



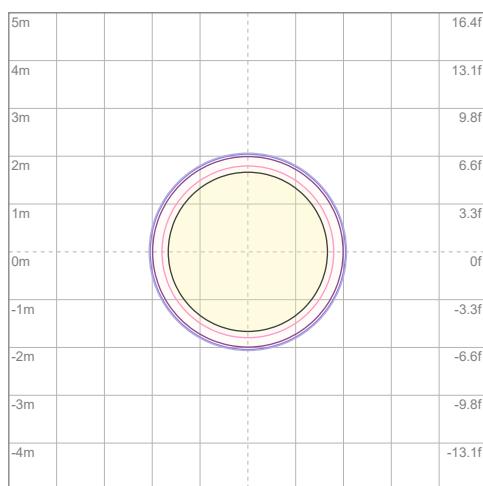
Polar Diagrams



iso-candela Diagram

10%	8672 cd
20%	17344 cd
30%	26016 cd
40%	34688 cd
50%	43360 cd
60%	52032 cd
70%	60704 cd
80%	69376 cd
90%	78047 cd

Conditions:
Number of c-planes: 2
Candela at center: 86719 cd



iso-illuminance Diagram

3%	26.0 lx
5%	43.4 lx
10%	86.7 lx
30%	260 lx
50%	434 lx

Conditions:
Number of c-planes: 2
Lux at center: 867 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 Force 2 Profile: 50% Zoom - Cyan - Full Power

Report Summary

Output

Total Lumens: 3332 lm
Peak Intensity: 38830 cd
Illuminance @ 5m: 1553 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 19.1°
Vertical Beam Angle (50%): 19.1°
Horizontal Field Angle (10%): 21.5°
Vertical Field Angle (10%): 21.5°
Horizontal Cutoff Angle (3%): 22.4°
Vertical Cutoff Angle (3%): 22.4°

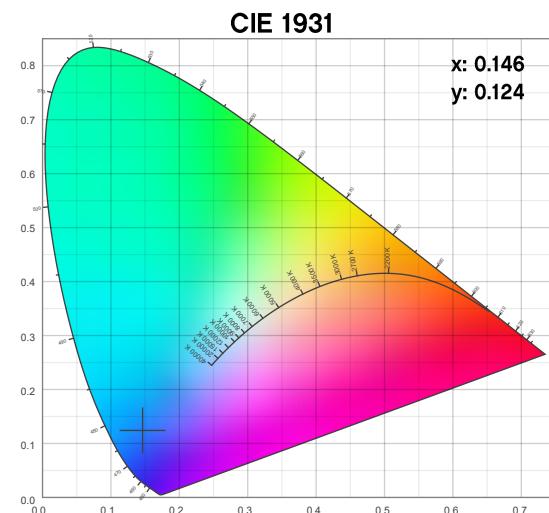
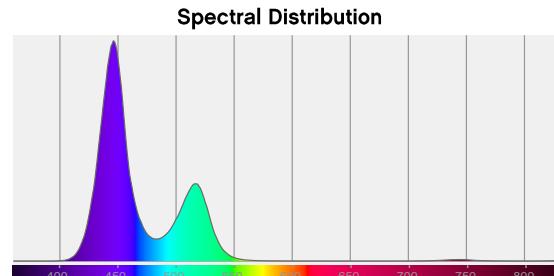
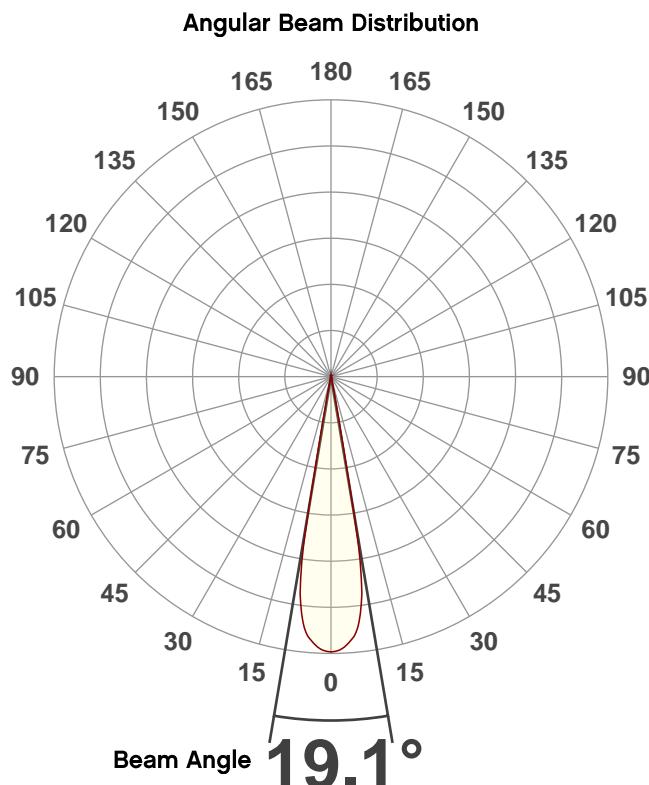


Conditions

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

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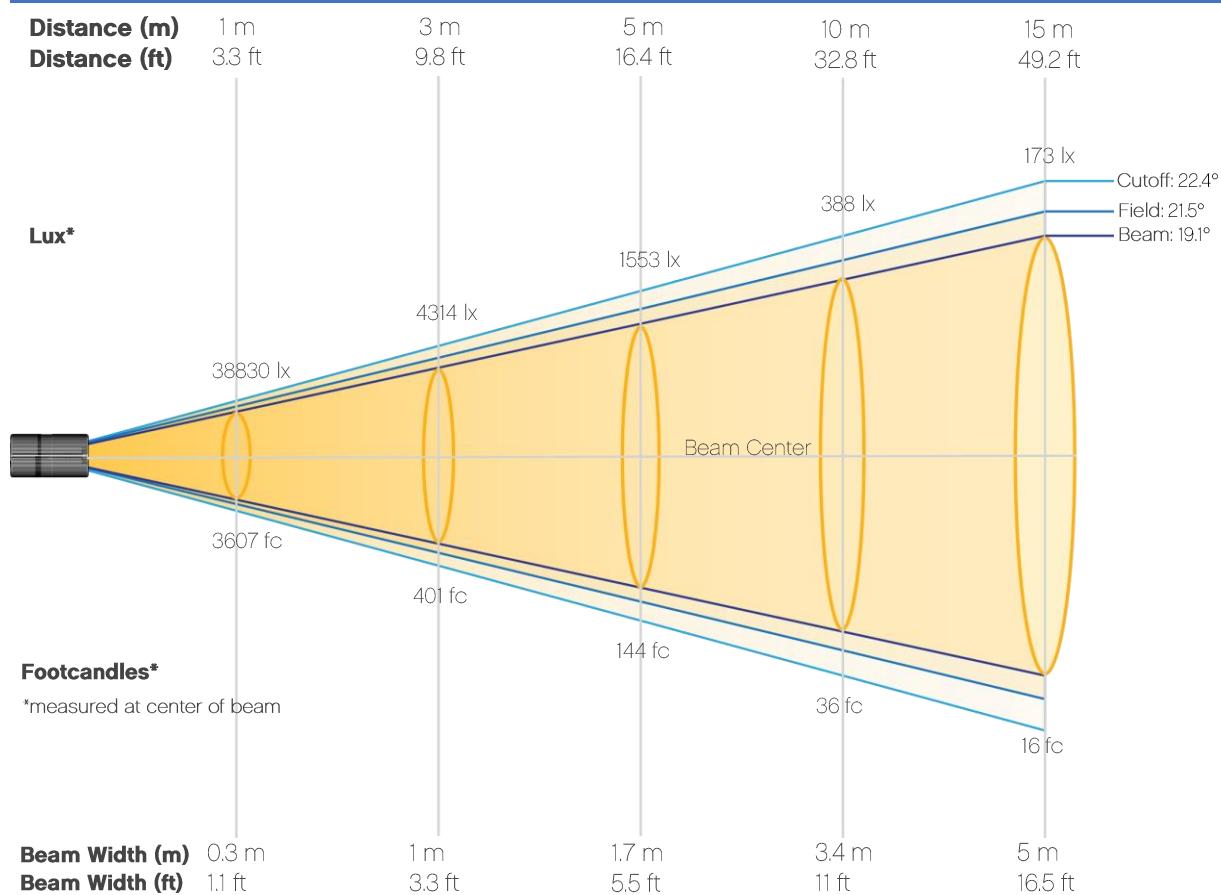
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Cyan - Full Power

Beam Details

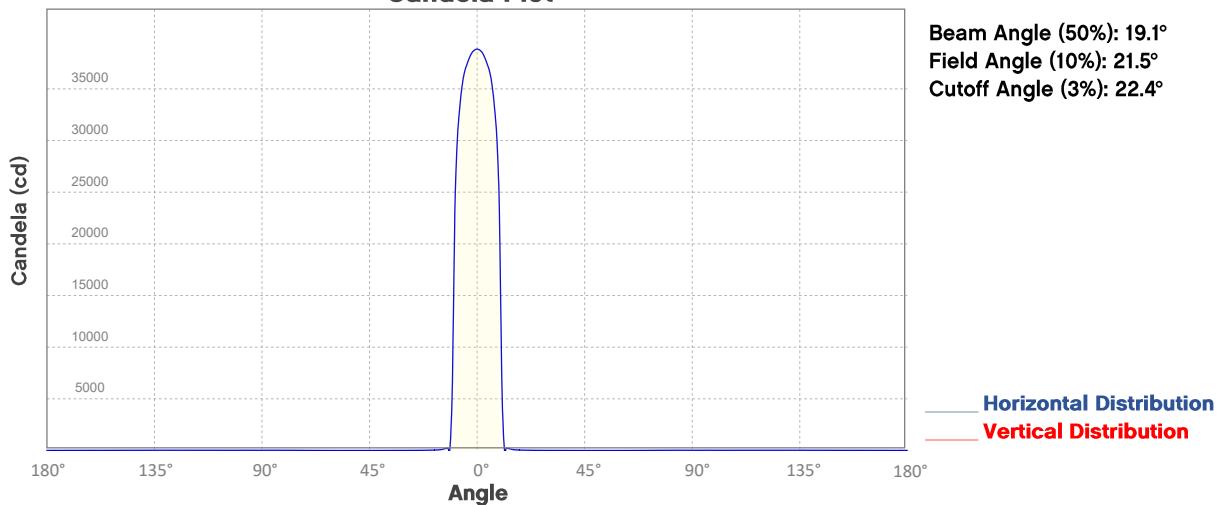


Beam Illuminances from 1-20m (3.3-65.6ft)

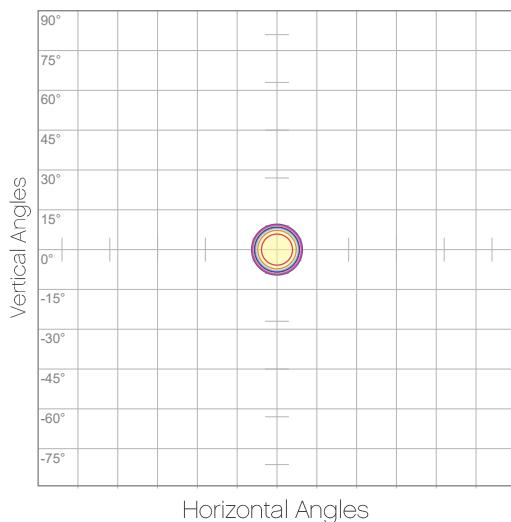
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	38830	9707	4314	2427	1553	1079	792	607	479	388
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	321	270	230	198	173	152	134	120	108	97
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3607	902	401	225	144	100	74	56	45	36
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	30	25	21	18	16	14	12	11	10	9

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Cyan - Full Power
Candela Plot



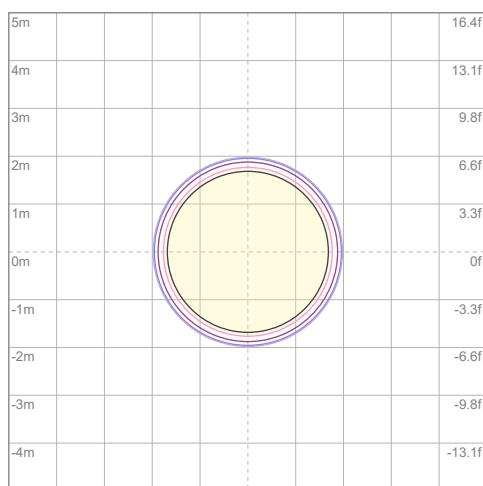
Polar Diagrams



iso-candela Diagram

10%	3883 cd
20%	7766 cd
30%	11649 cd
40%	15532 cd
50%	19415 cd
60%	23298 cd
70%	27181 cd
80%	31064 cd
90%	34947 cd

Conditions:
Number of c-planes: 2
Candela at center: 38830 cd



iso-illuminance Diagram

3%	11.6 lx
5%	19.4 lx
10%	38.8 lx
30%	116 lx
50%	194 lx

Conditions:
Number of c-planes: 2
Lux at center: 388 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 Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power

Report Summary

Output

Total Lumens: 340 lm

Peak Intensity: 3590 cd

Illuminance @ 5m: 144 lux

Fixture Efficacy: 0 lm/W



Optical

Horizontal Beam Angle (50%): 18.9°

Vertical Beam Angle (50%): 18.9°

Horizontal Field Angle (10%): 21.4°

Vertical Field Angle (10%): 21.4°

Horizontal Cutoff Angle (3%): 21.9°

Vertical Cutoff Angle (3%): 21.9°

Conditions

AC Supply: 121 V, 0 Hz

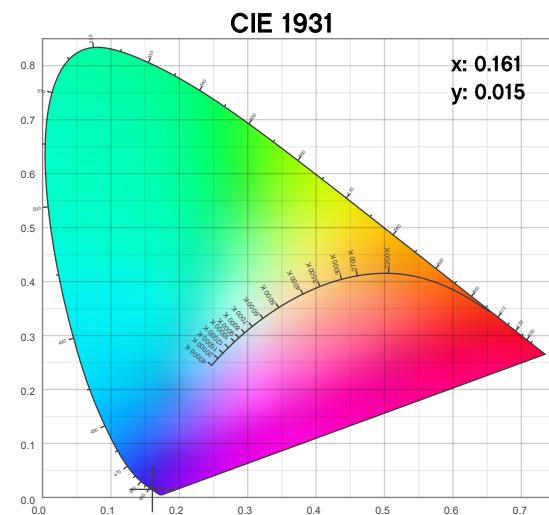
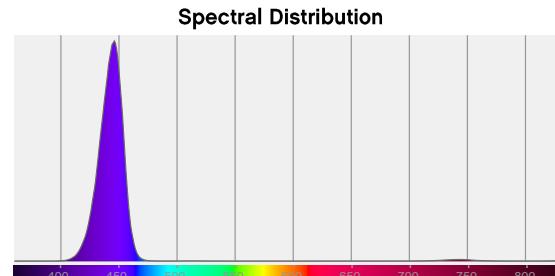
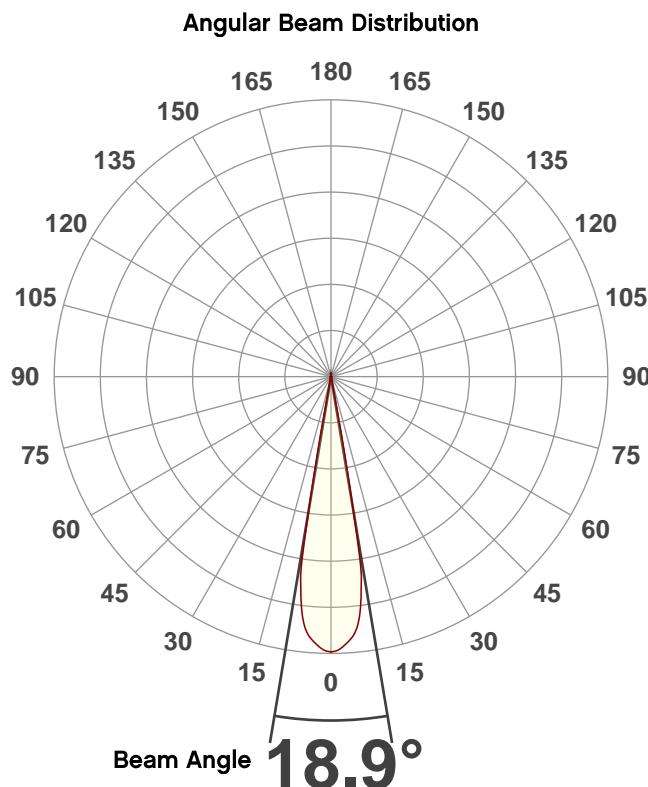
Power: 799.96 W

Current: 6.59 A

Power Factor: 1.0

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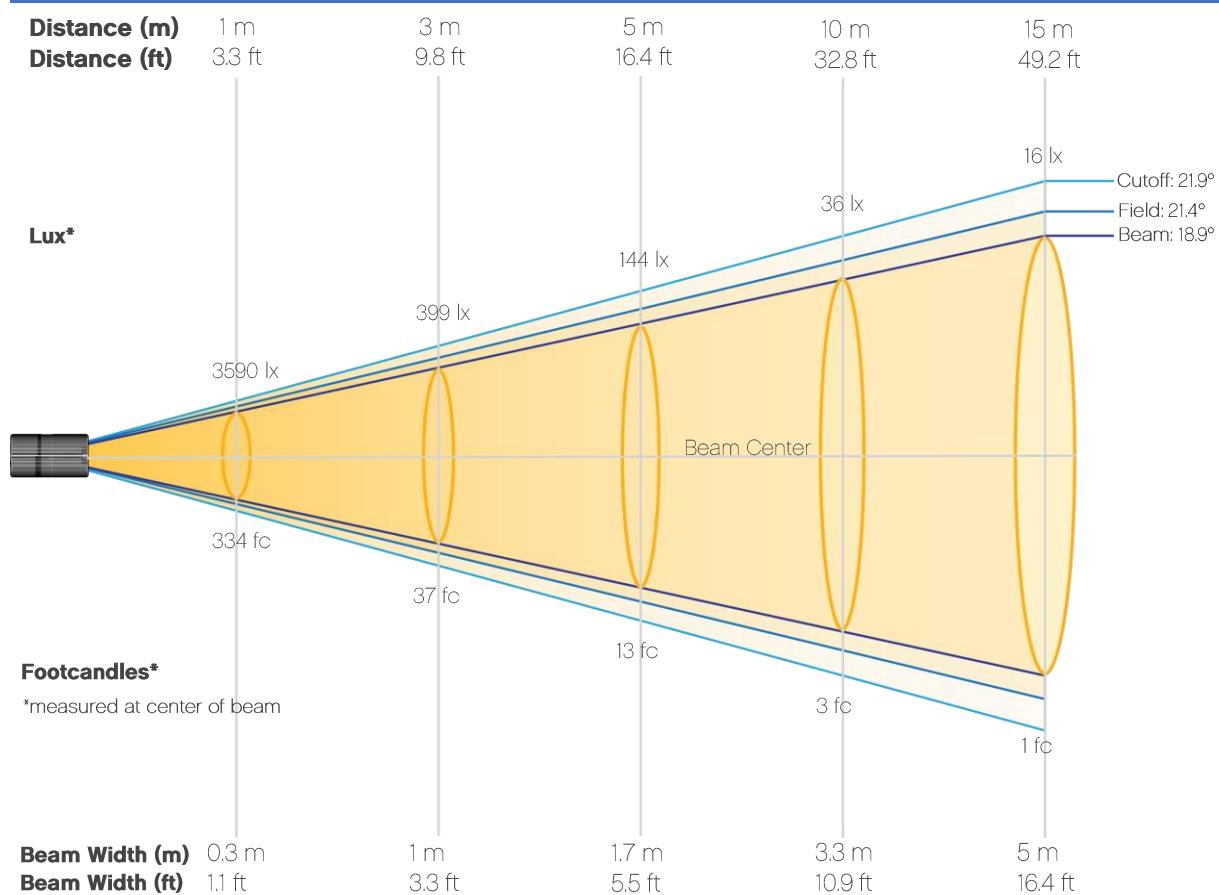
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power

Beam Details

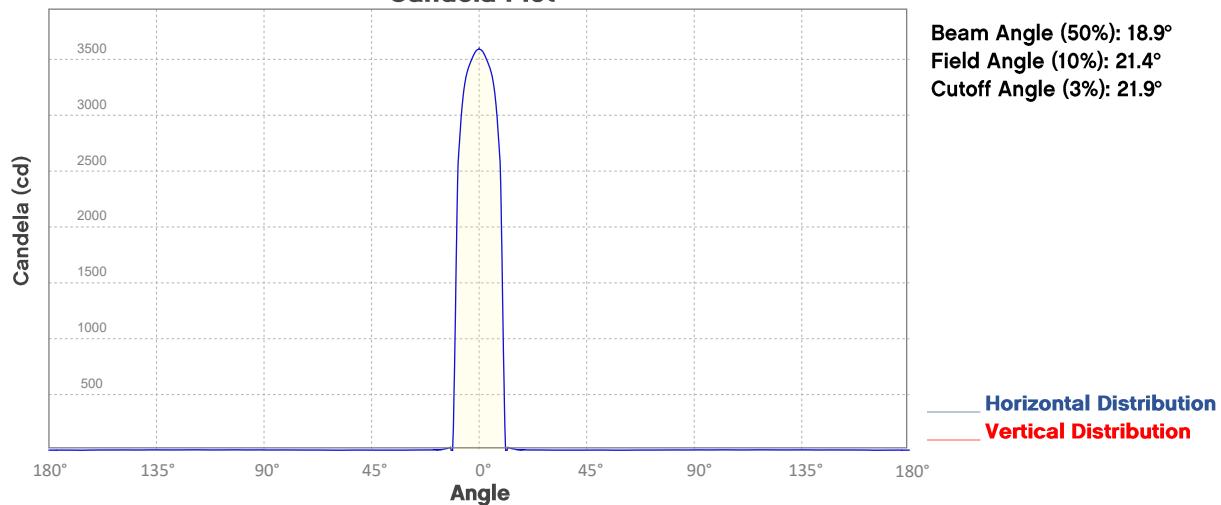


Beam Illuminances from 1-20m (3.3-65.6ft)

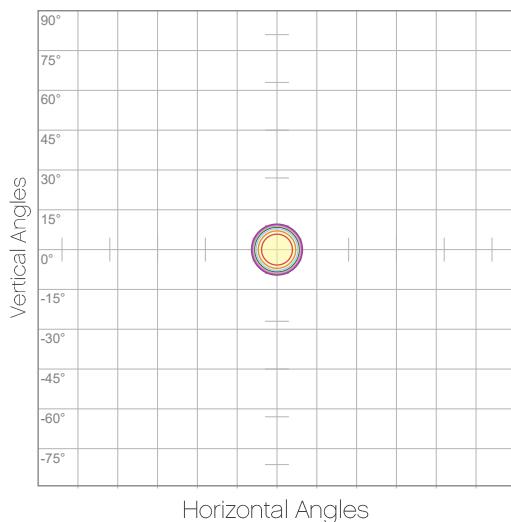
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	3590	898	399	224	144	100	73	56	44	36
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	30	25	21	18	16	14	12	11	10	9
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	334	83	37	21	13	9	7	5	4	3
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3	2	2	2	1	1	1	1	1	1

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power
Candela Plot



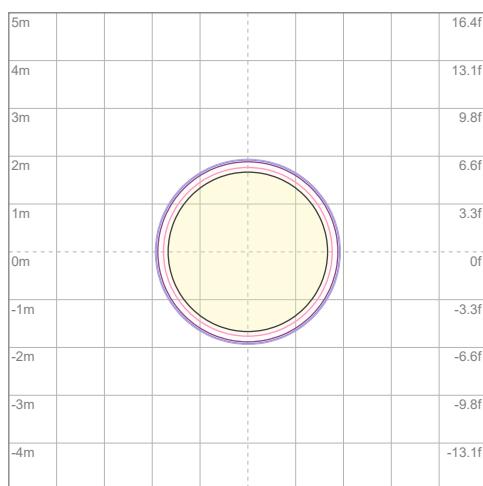
Polar Diagrams



iso-candela Diagram

10%	359 cd
20%	718 cd
30%	1077 cd
40%	1436 cd
50%	1795 cd
60%	2154 cd
70%	2513 cd
80%	2872 cd
90%	3231 cd

Conditions:
Number of c-planes: 2
Candela at center: 3590 cd



iso-illuminance Diagram

3%	1.08 lx
5%	1.80 lx
10%	3.59 lx
30%	10.8 lx
50%	18.0 lx

Conditions:
Number of c-planes: 2
Lux at center: 35.9 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 Force 2 Profile: 50% Zoom - Magenta - Full Power

Report Summary

Output

Total Lumens: 893 lm
Peak Intensity: 10193 cd
Illuminance @ 5m: 408 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 18.8°
Vertical Beam Angle (50%): 18.8°
Horizontal Field Angle (10%): 22.6°
Vertical Field Angle (10%): 22.6°
Horizontal Cutoff Angle (3%): 23.4°
Vertical Cutoff Angle (3%): 23.4°

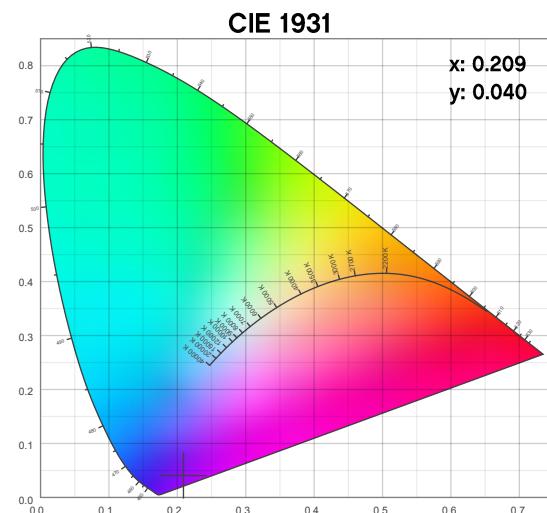
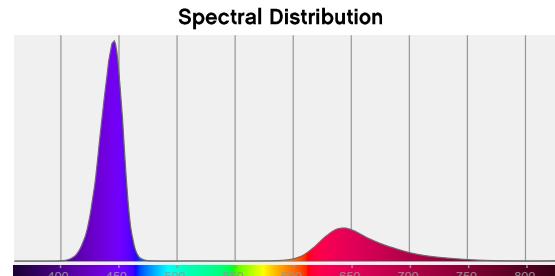
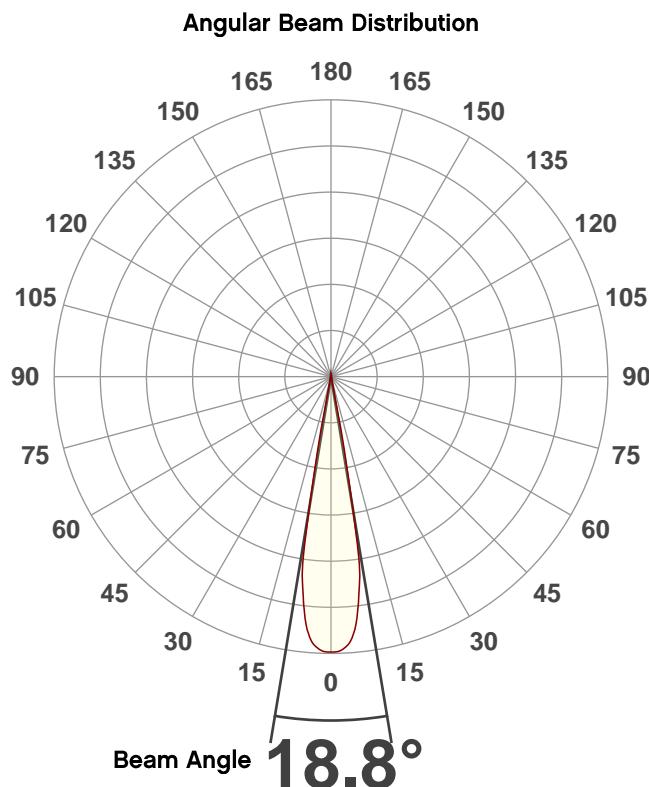
Conditions

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 9/21/2020 to LM-63-2002 Standards.

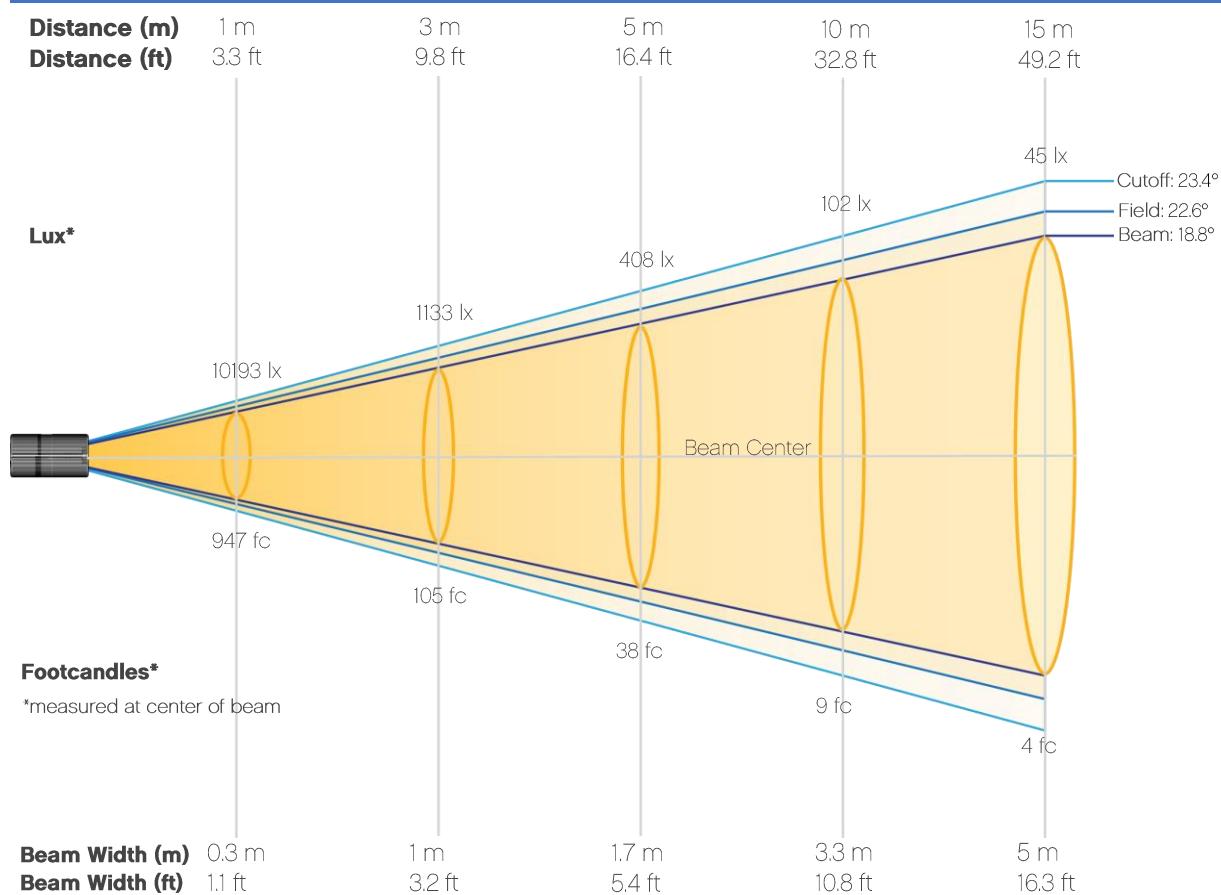
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Magenta - Full Power

Beam Details

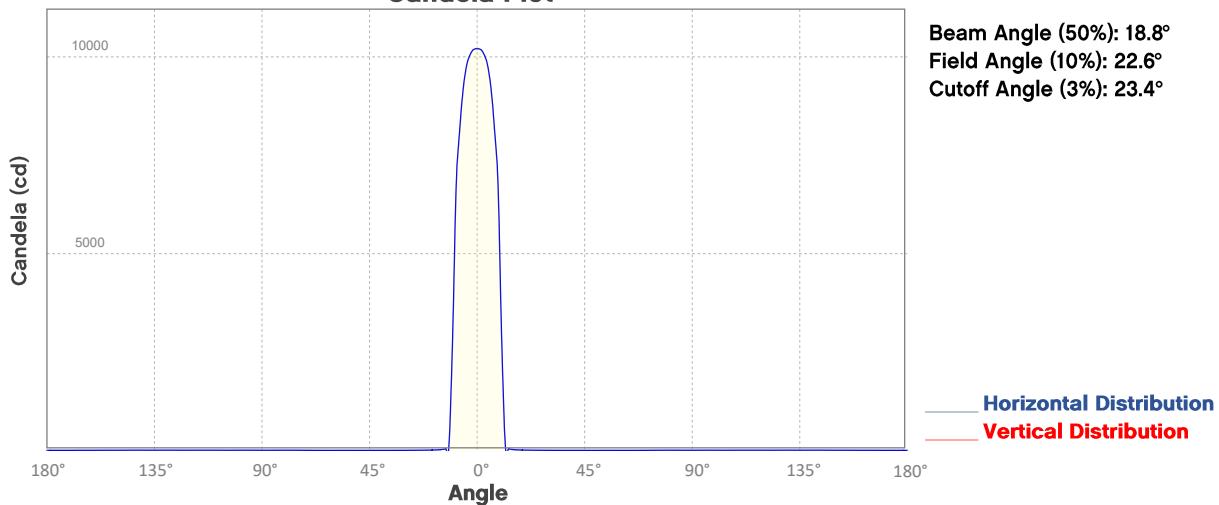


Beam Illuminances from 1-20m (3.3-65.6ft)

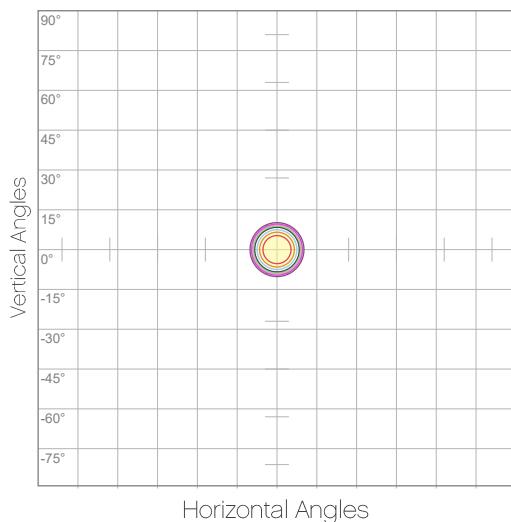
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	10193	2548	1133	637	408	283	208	159	126	102
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	84	71	60	52	45	40	35	31	28	25
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	947	237	105	59	38	26	19	15	12	9
Distance	36.1ft	39.4ft	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

Maverick Force 2 Profile: 50% Zoom - Magenta - Full Power
Candela Plot



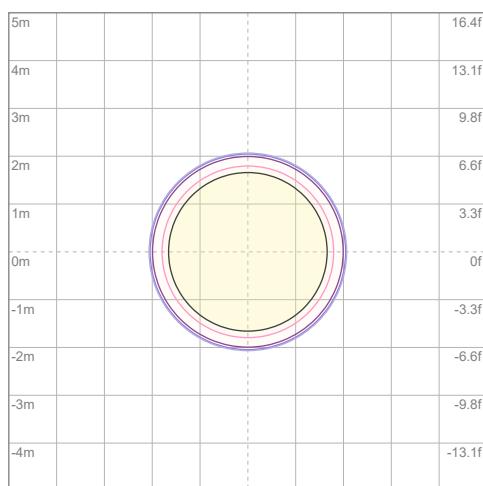
Polar Diagrams



iso-candela Diagram

10%	1019 cd
20%	2039 cd
30%	3058 cd
40%	4077 cd
50%	5096 cd
60%	6116 cd
70%	7135 cd
80%	8154 cd
90%	9173 cd

Conditions:
Number of c-planes: 2
Candela at center: 10193 cd



iso-illuminance Diagram

3%	3.06 lx
5%	5.10 lx
10%	10.2 lx
30%	30.6 lx
50%	51.0 lx

Conditions:
Number of c-planes: 2
Lux at center: 102 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 Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power

Report Summary

Output

Total Lumens: 483 lm
Peak Intensity: 5647 cd
Illuminance @ 5m: 226 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 22.5°
Vertical Field Angle (10%): 22.5°
Horizontal Cutoff Angle (3%): 23.6°
Vertical Cutoff Angle (3%): 23.6°

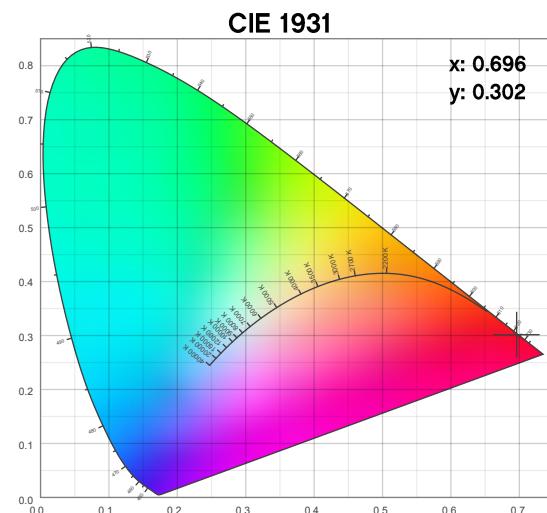
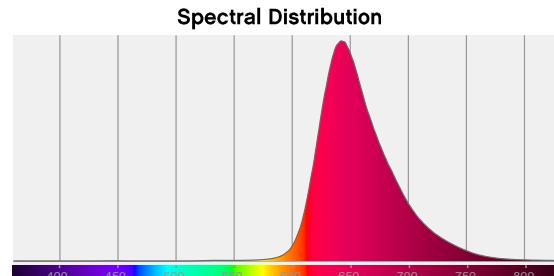
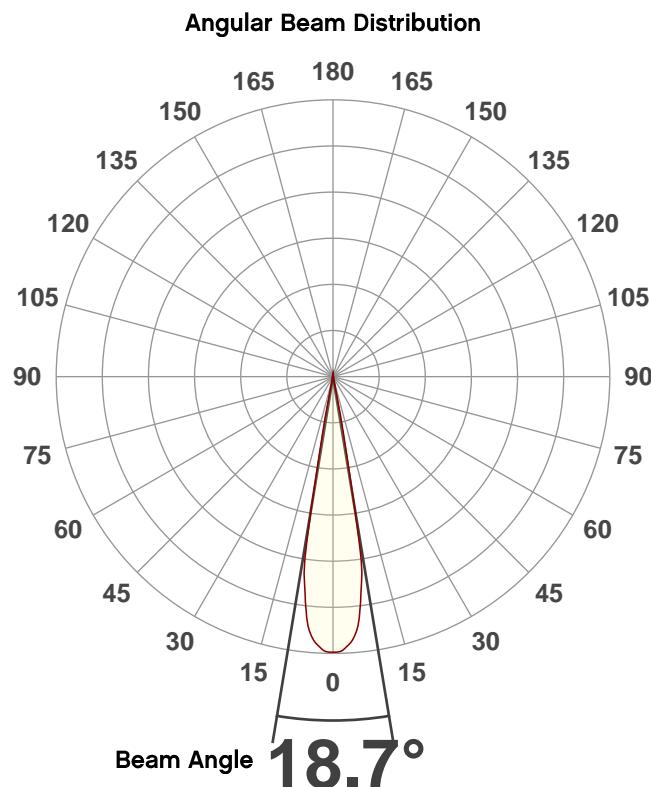


Conditions

AC Supply: 121 V, 0 Hz
Power: 800.01 W
Current: 6.59 A
Power Factor: 1.0

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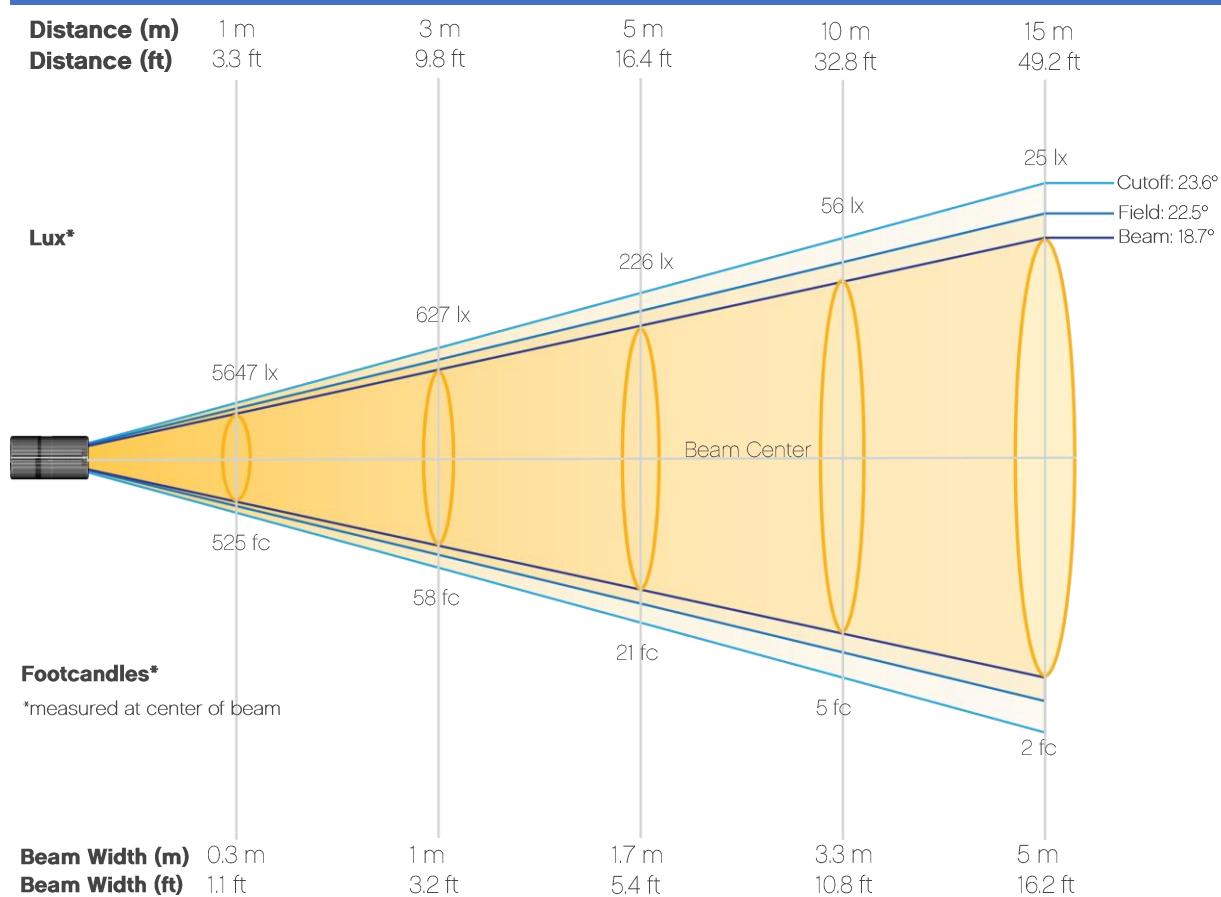
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power

Beam Details

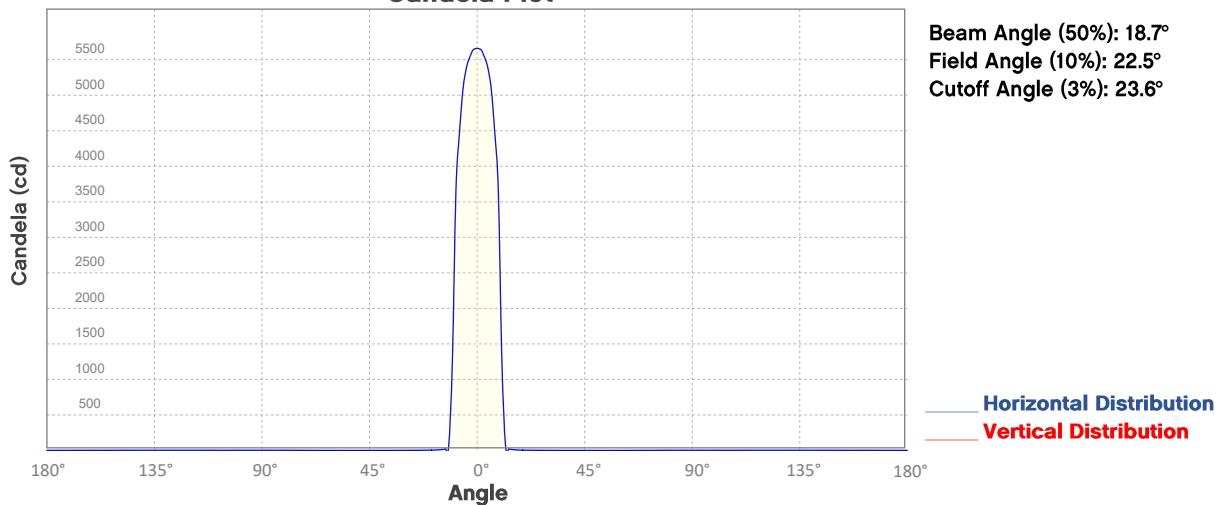


Beam Illuminances from 1-20m (3.3-65.6ft)

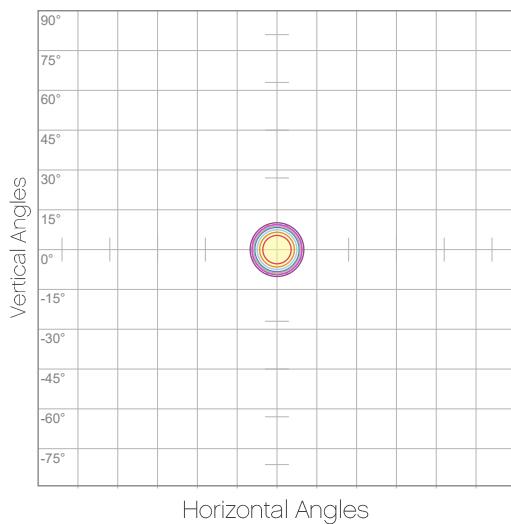
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	5647	1412	627	353	226	157	115	88	70	56
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	47	39	33	29	25	22	20	17	16	14
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	525	131	58	33	21	15	11	8	6	5
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	4	4	3	3	2	2	2	2	1	1

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power
Candela Plot



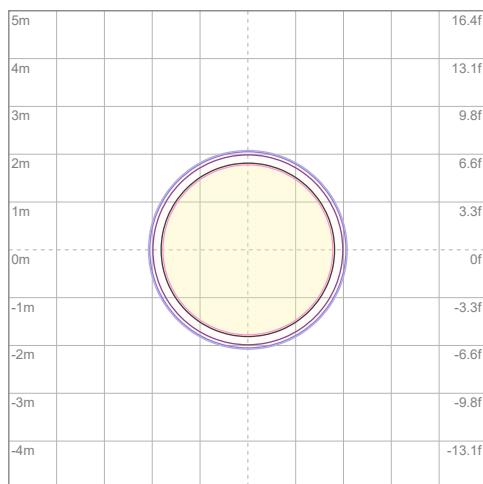
Polar Diagrams



iso-candela Diagram

10%	565 cd
20%	1129 cd
30%	1694 cd
40%	2259 cd
50%	2823 cd
60%	3388 cd
70%	3953 cd
80%	4517 cd
90%	5082 cd

Conditions:
Number of c-planes: 2
Candela at center: 5647 cd



iso-illuminance Diagram

3%	1.69 lx
5%	2.82 lx
10%	5.65 lx
30%	16.9 lx
50%	28.2 lx

Conditions:
Number of c-planes: 2
Lux at center: 56.5 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 Force 2 Profile: 50% Zoom - Yellow - Full Power

Report Summary

Output

Total Lumens: 14420 lm
Peak Intensity: 173383 cd
Illuminance @ 5m: 6935 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 18.9°
Vertical Beam Angle (50%): 18.9°
Horizontal Field Angle (10%): 21.4°
Vertical Field Angle (10%): 21.4°
Horizontal Cutoff Angle (3%): 22.3°
Vertical Cutoff Angle (3%): 22.3°

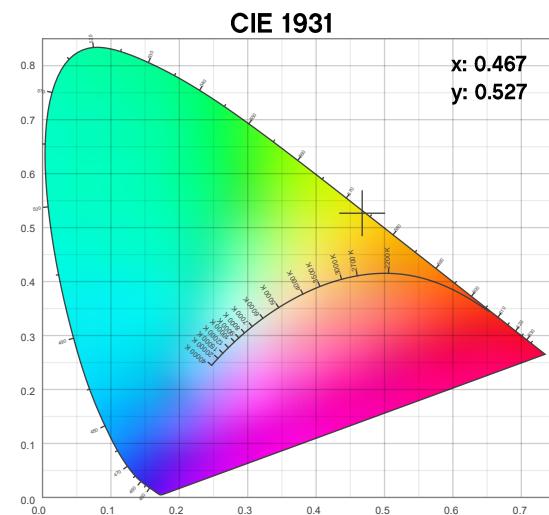
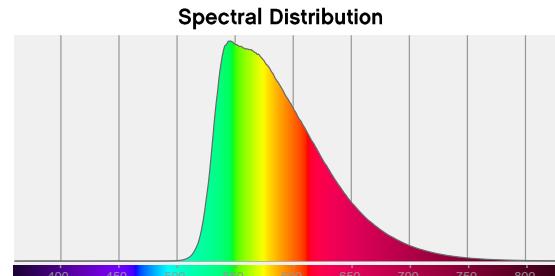
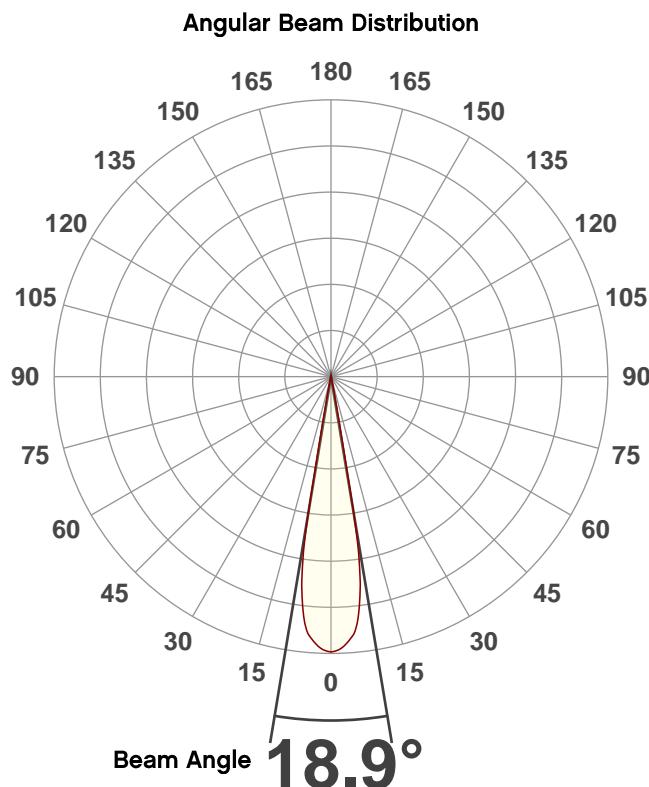


Conditions

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

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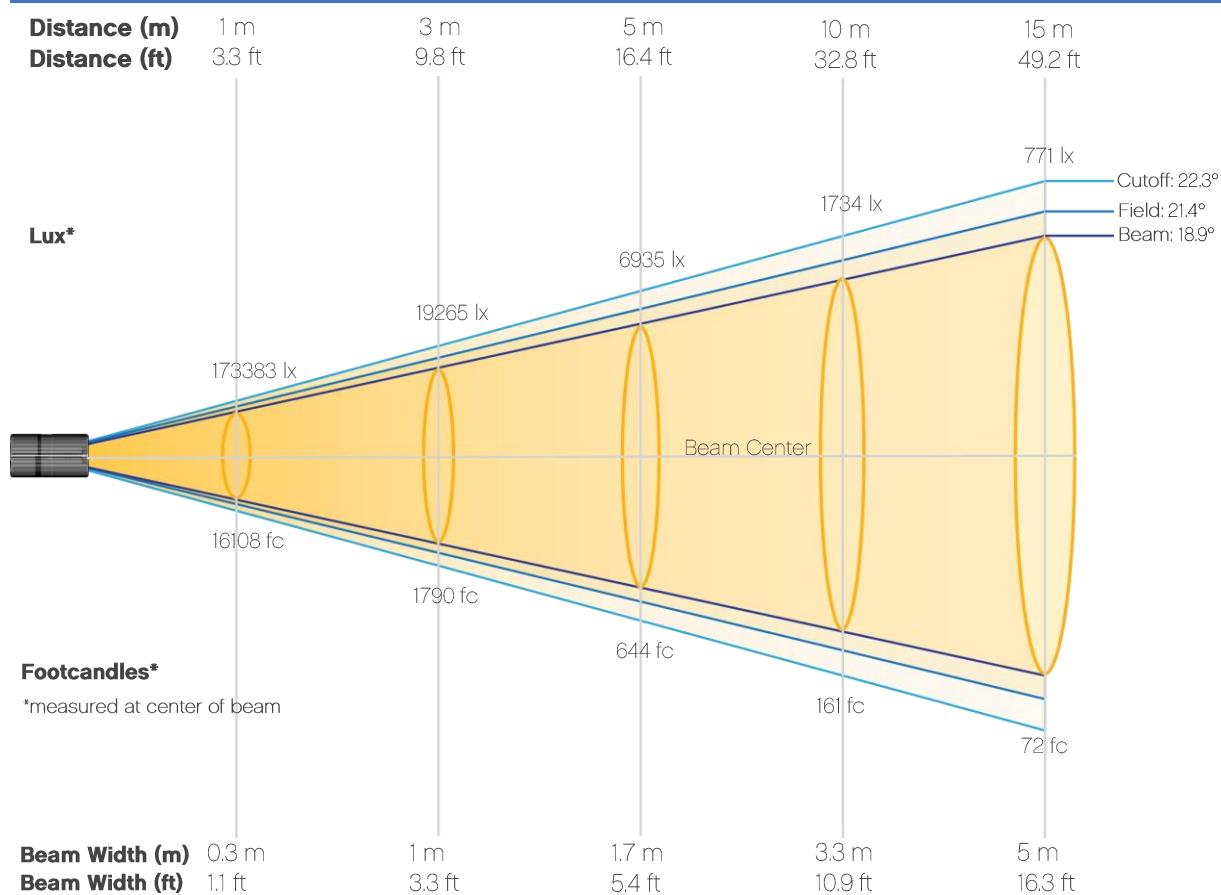
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Yellow - Full Power

Beam Details

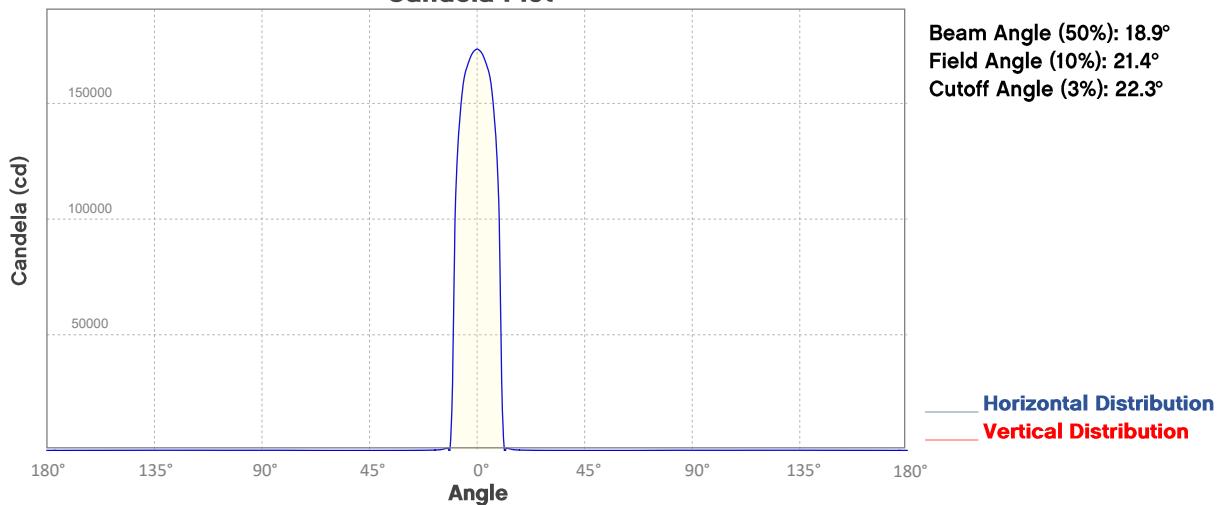


Beam Illuminances from 1-20m (3.3-65.6ft)

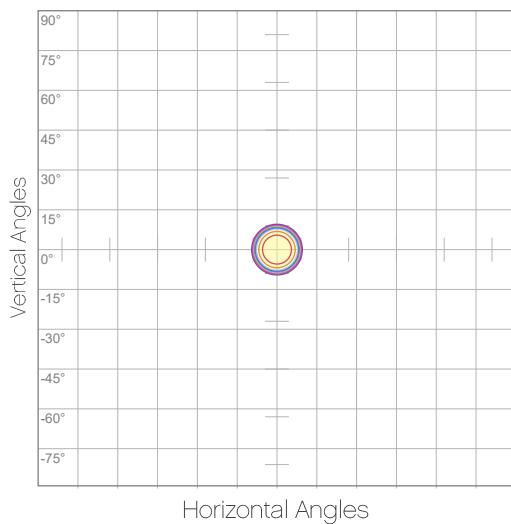
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	173383	43346	19265	10836	6935	4816	3538	2709	2141	1734
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	1433	1204	1026	885	771	677	600	535	480	433
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16108	4027	1790	1007	644	447	329	252	199	161
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	133	112	95	82	72	63	56	50	45	40

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Yellow - Full Power
Candela Plot



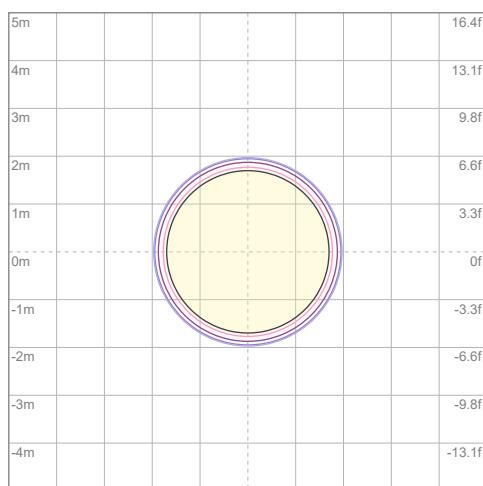
Polar Diagrams



iso-candela Diagram

10%	17338 cd
20%	34677 cd
30%	52015 cd
40%	69353 cd
50%	86691 cd
60%	104030 cd
70%	121368 cd
80%	138706 cd
90%	156045 cd

Conditions:
Number of c-planes: 2
Candela at center: 173383 cd



iso-illuminance Diagram

3%	52.0 lx
5%	86.7 lx
10%	173 lx
30%	520 lx
50%	867 lx

Conditions:
Number of c-planes: 2
Lux at center: 1734 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 Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power

Report Summary

Output

Total Lumens: 794 lm
Peak Intensity: 8890 cd
Illuminance @ 5m: 356 lux
Fixture Efficacy: ffl lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 23.3°
Vertical Field Angle (10%): 23.3°
Horizontal Cutoff Angle (3%): 24.4°
Vertical Cutoff Angle (3%): 24.4°

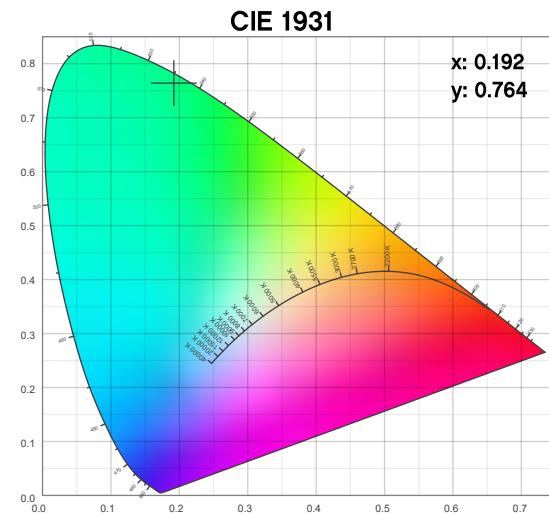
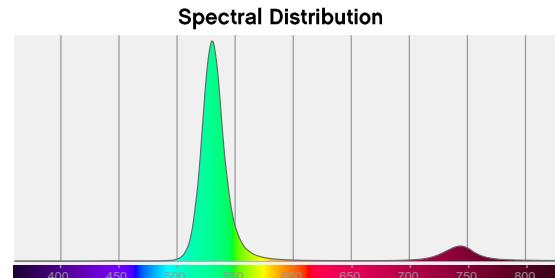
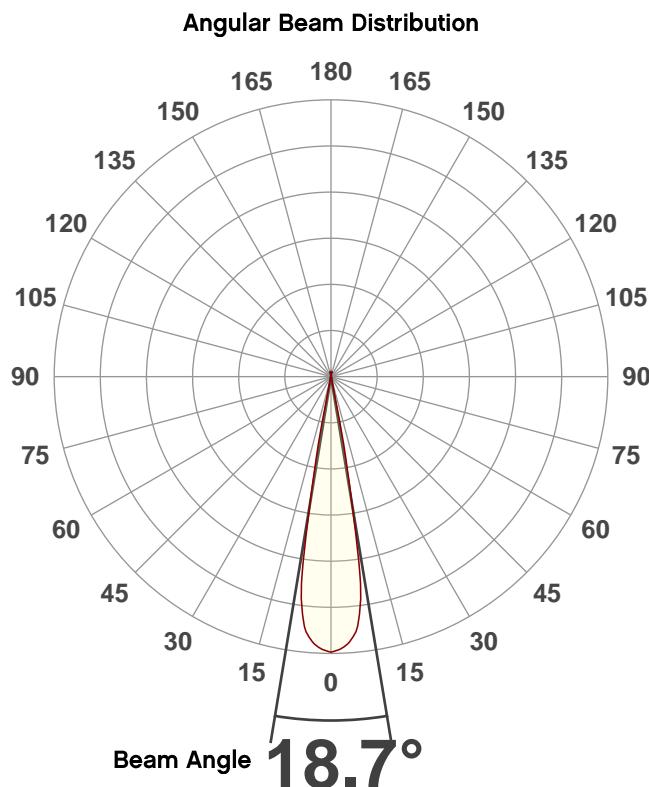
Conditions

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



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/21/2020 to LM-63-2002 Standards.

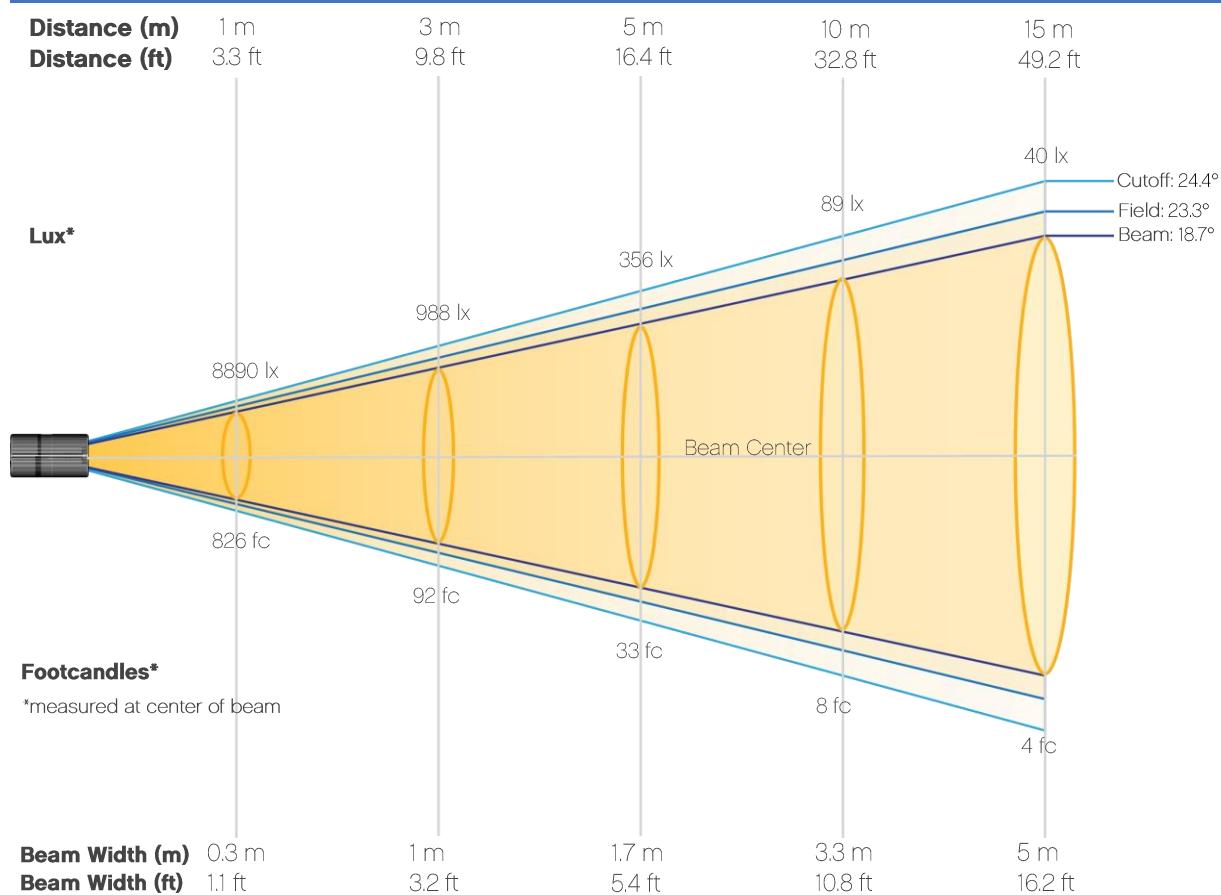
Overall Measurement



Photometric Report

Maverick Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power

Beam Details

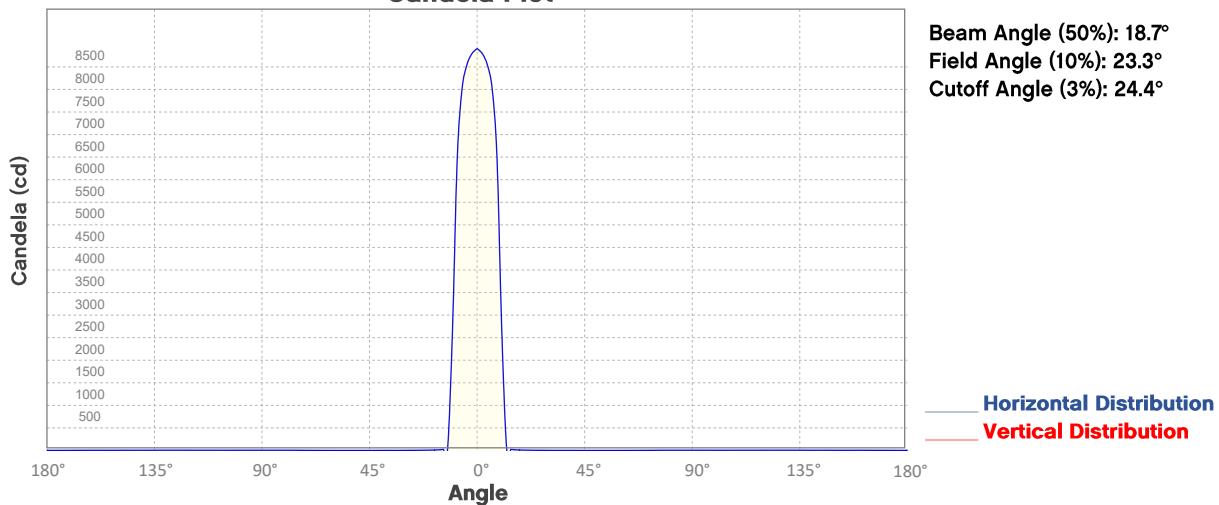


Beam Illuminances from 1-20m (3.3-65.6ft)

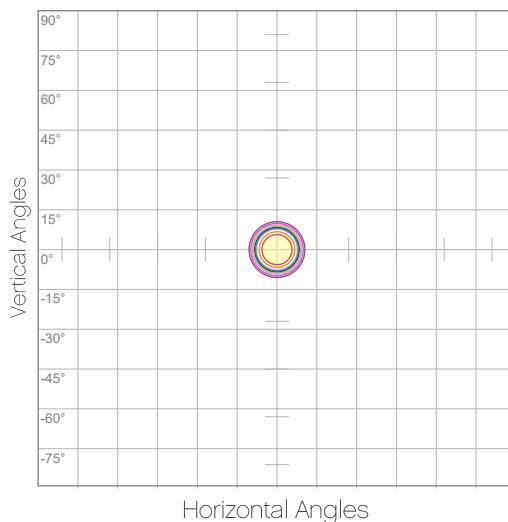
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
LUX	8890	2222	988	556	356	247	181	139	110	89
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
LUX	73	62	53	45	40	35	31	27	25	22
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	826	206	92	52	33	23	17	13	10	8
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	7	6	5	4	4	3	3	3	2	2

Photometric Report

Maverick Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power
Candela Plot



Polar Diagrams



iso-candela Diagram

10%	889 cd
20%	1778 cd
30%	2667 cd
40%	3556 cd
50%	4445 cd
60%	5334 cd
70%	6223 cd
80%	7112 cd
90%	8001 cd

Conditions:
Number of c-planes: 2
Candela at center: 8890 cd



iso-illuminance Diagram

3%	2.67 lx
5%	4.44 lx
10%	8.89 lx
30%	26.7 lx
50%	44.4 lx

Conditions:
Number of c-planes: 2
Lux at center: 88.9 lx

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

Mounting height: 10 meters / 33 feet

Chromaticity Report

Maverick Force 2 Profile: Full Flood - Full Power

Report Summary

Measurements

Total Lumens: 20856 lm

Peak Intensity: 41212 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 7570K

Δu_v : 0.0001

CRI: 70.8 CRI R9 Value: -27.9

CQS: 69.4

TLCI: 49

TM-30-18 Rf: 67.7

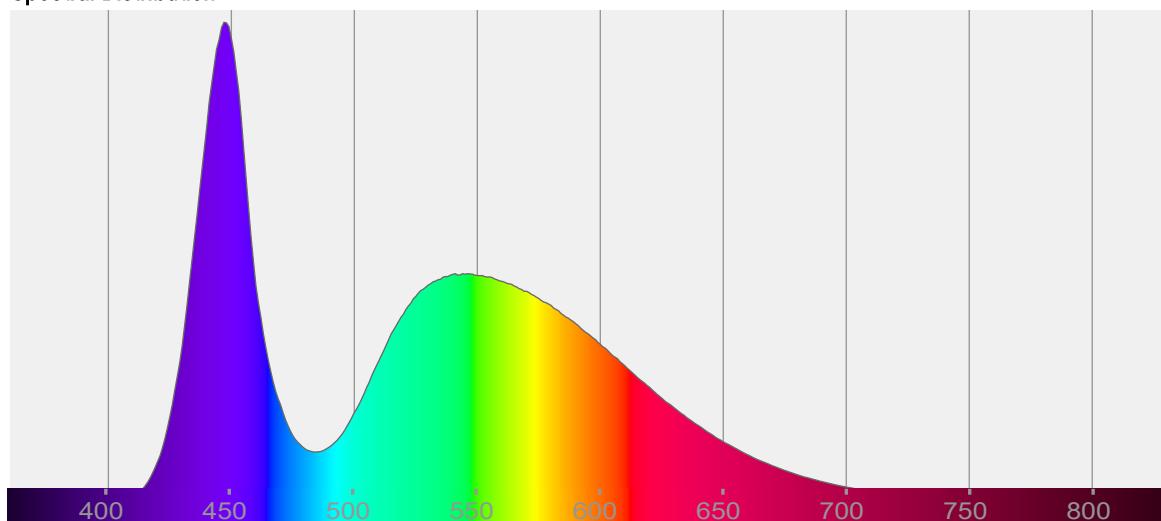
TM-30-18 Rg: 94.1

1st Dominant Wavelength: 447 nm

2nd Dominant Wavelength: 544 nm



Spectral Distribution



Tested Color

7570 K

CIE 1931 Coordinates:

X: 0.298 Y: 0.314

Color Temperature

7570 K

Light Quality

CRI: 70.8

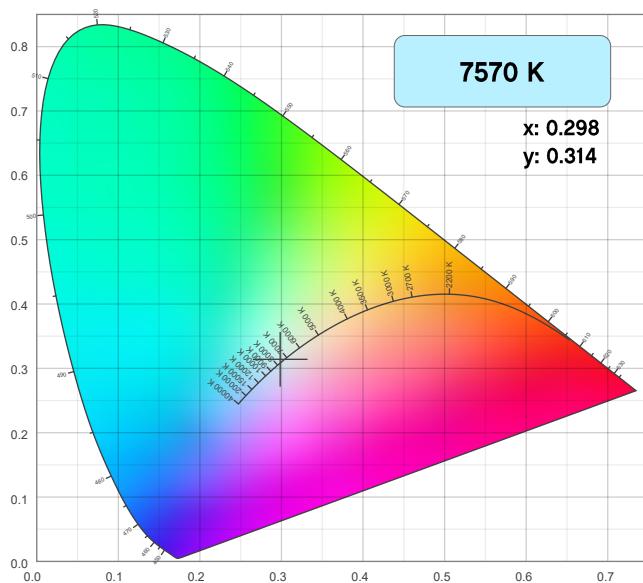
Notes:

Chromaticity Report

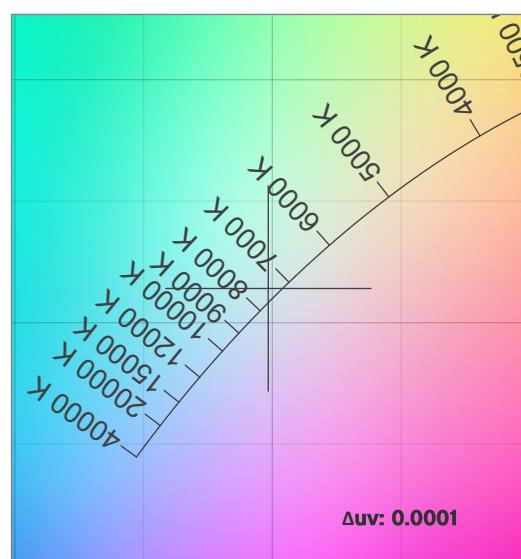
Maverick Force 2 Profile: Full Flood - Full Power

Chromaticity

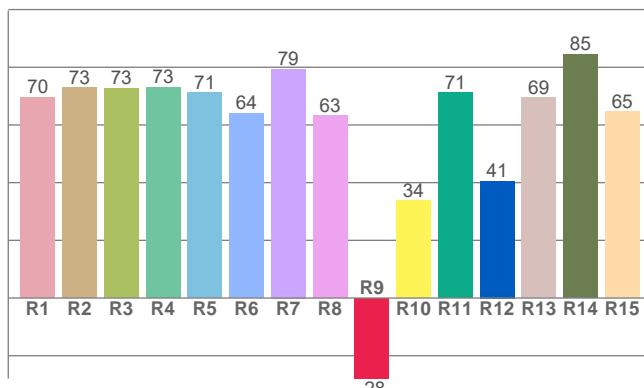
CIE 1931



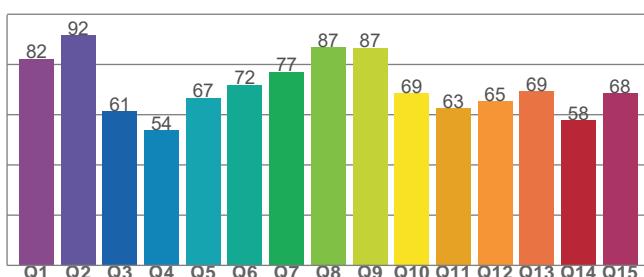
CIE 1931 - Zoom



CRI: 70.8 (R1-R8)



CQS: 69.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7570 K	0.298	0.314

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.314	0.193

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.8	-27.9	69.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	67.7	94.1

Chromaticity Report

Maverick Force 2 Profile: Full Flood - Full Power

TM-30-18 Details

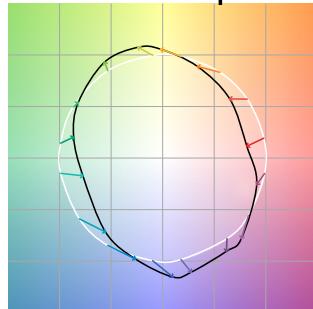
Rf 67.7

Fidelity Index
(Rg)

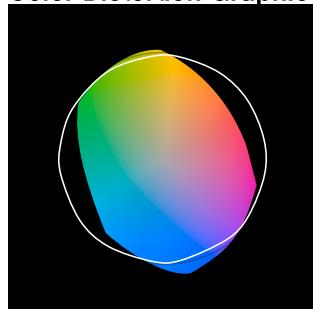
Rg 94.1

Gamut Index (Rg)

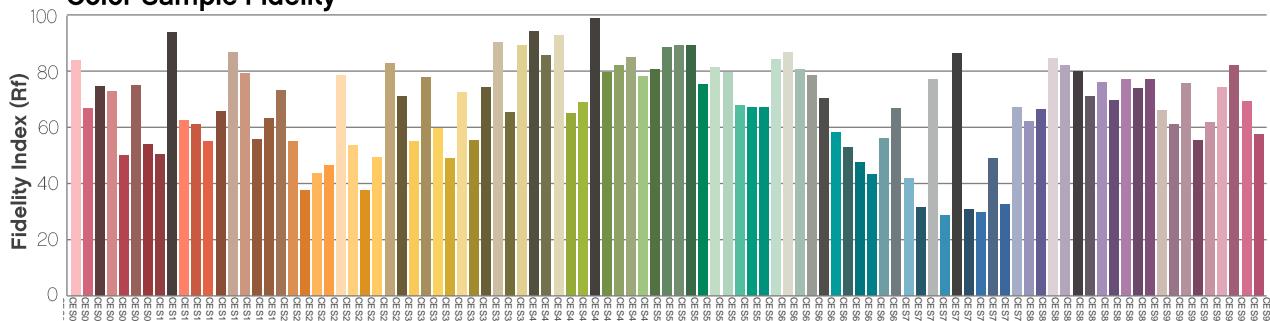
Color Vector Graphic



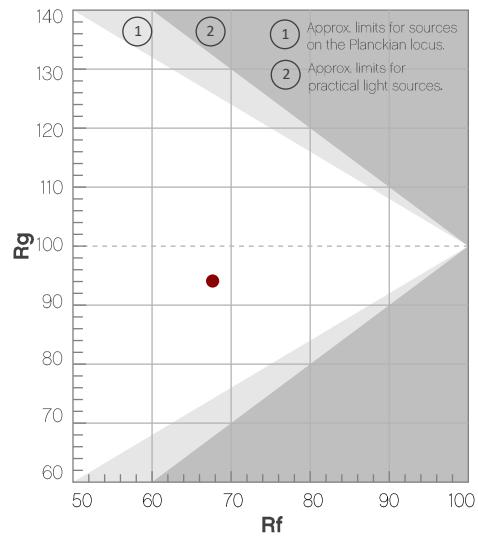
Color Distortion Graphic



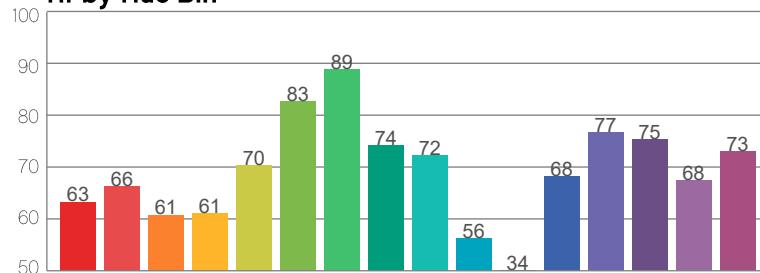
Color Sample Fidelity



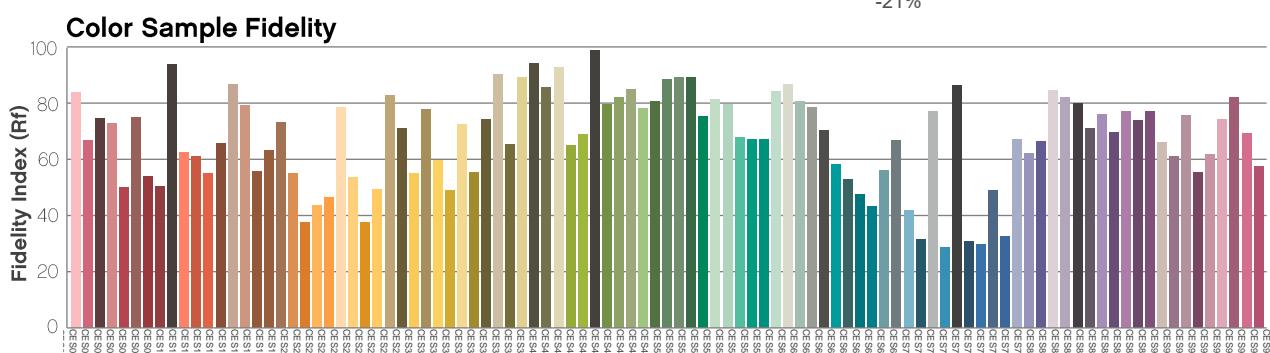
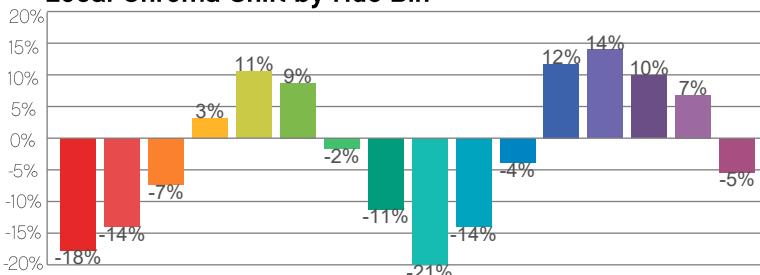
Hue Bin	R _f	Chroma Shift	Hue Shift
1	63	-18%	-4%
2	66	-14%	10%
3	61	-7%	21%
4	61	3%	21%
5	70	11%	12%
6	83	9%	-2%
7	89	-2%	-7%
8	74	-11%	-8%
9	72	-21%	7%
10	56	-14%	25%
11	34	-4%	30%
12	68	12%	22%
13	77	14%	7%
14	75	10%	-7%
15	68	7%	-22%
16	73	-5%	-12%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



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Chromaticity Report

Maverick Force 2 Profile: Full Flood - CRI Filter - Full Power

Report Summary

Measurements

Total Lumens: 14823 lm

Peak Intensity: 28482 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6538K

Δu_v : -0.0079

CRI: 89.3 CRI R9 Value: 44.2

CQS: 87.4

TLCI: 70

TM-30-18 Rf: 84.0

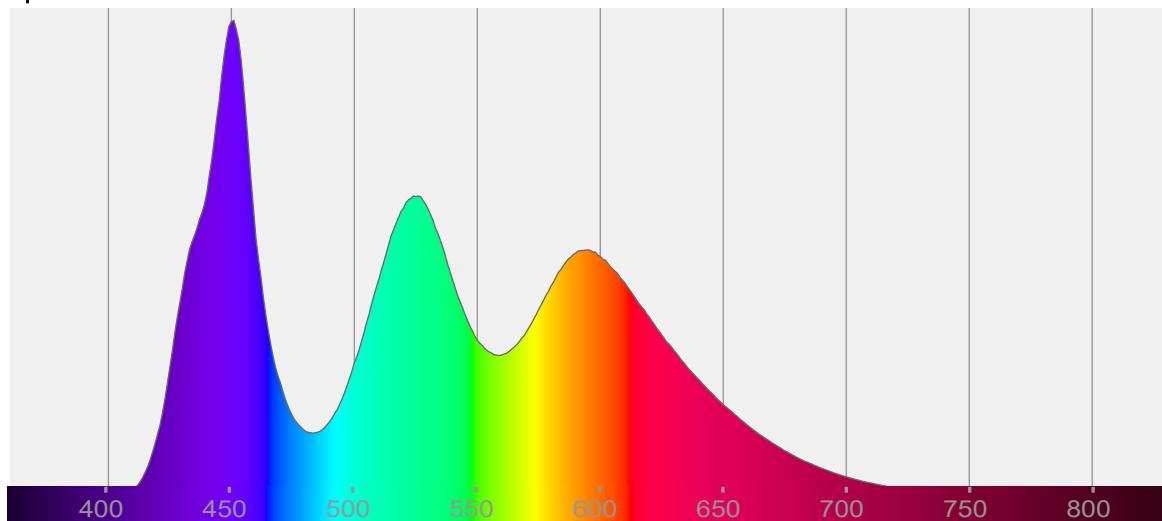
TM-30-18 Rg: 105.0

1st Dominant Wavelength: 451 nm

2nd Dominant Wavelength: 526 nm



Spectral Distribution



Tested Color

6538 K

CIE 1931 Coordinates:
X: 0.314 Y: 0.315

Color Temperature

6538 K

Light Quality

CRI: 89.3

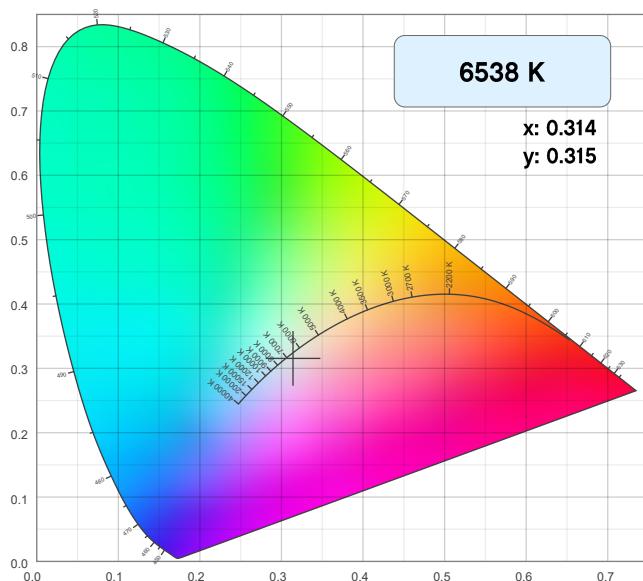
Notes:

Chromaticity Report

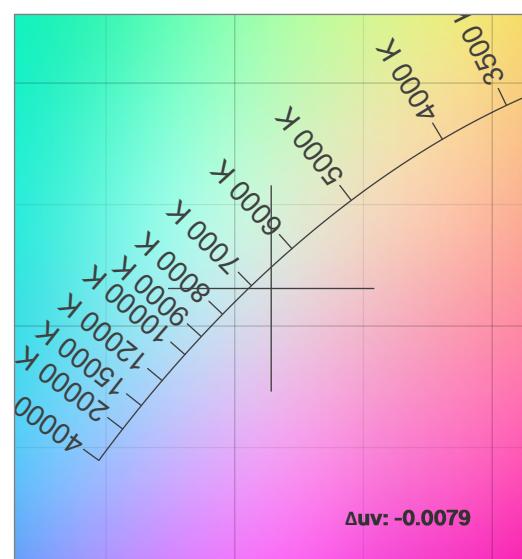
Maverick Force 2 Profile: Full Flood - CRI Filter - Full Power

Chromaticity

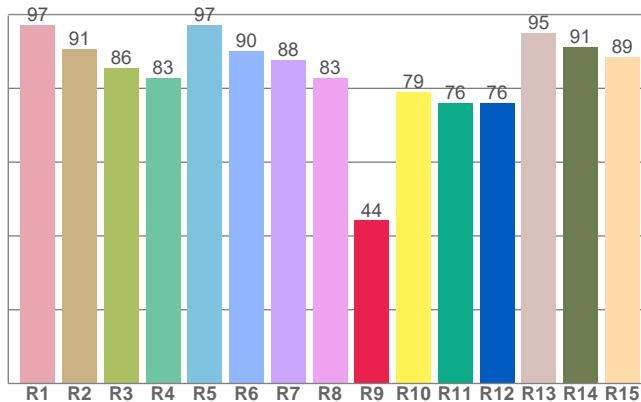
CIE 1931



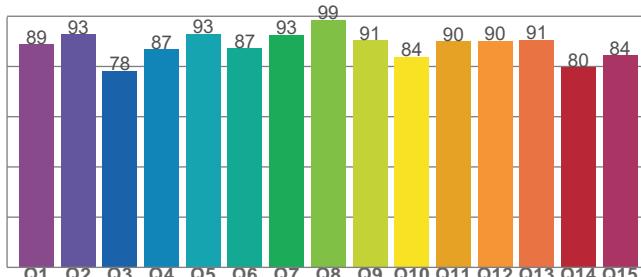
CIE 1931 - Zoom



CRI: 89.3 (R1-R8)



CQS: 87.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6538 K	0.314	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0079	0.315	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.3	44.2	87.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
70	84.0	105.0

Chromaticity Report

Maverick Force 2 Profile: Full Flood - CRI Filter - Full Power

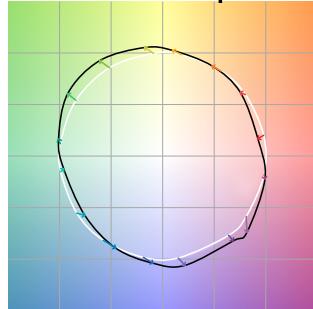
TM-30-18 Details

Rf 84.0
Fidelity Index
(Rg)

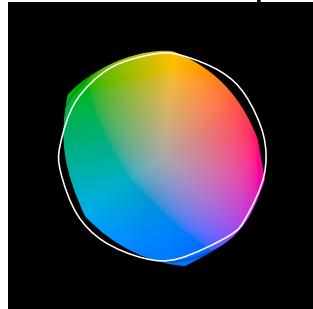
Rg 105.0

Gamut Index (Rg)

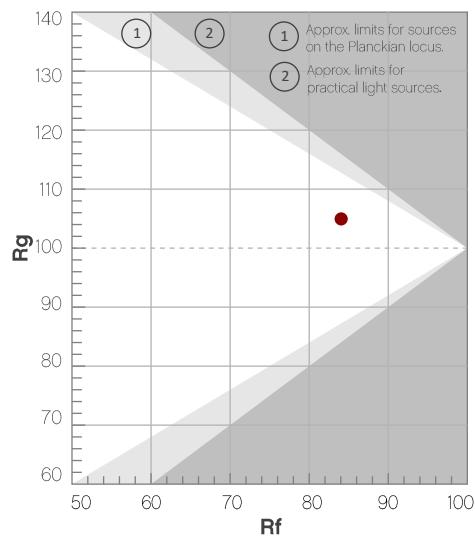
Color Vector Graphic



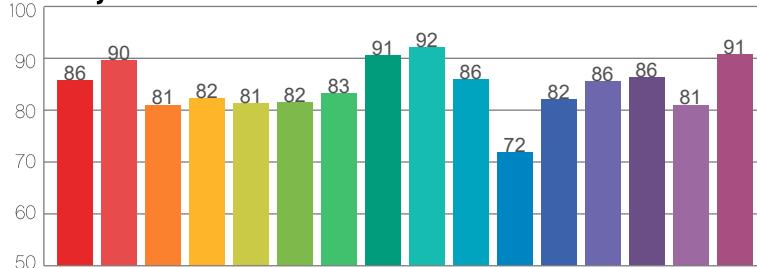
Color Distortion Graphic



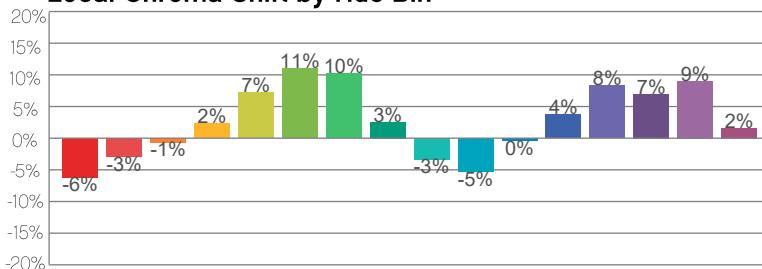
Hue Bin	R _f	Chroma Shift	Hue Shift
1	86	-6%	-2%
2	90	-3%	5%
3	81	-1%	10%
4	82	2%	10%
5	81	7%	7%
6	82	11%	4%
7	83	10%	-1%
8	91	3%	-4%
9	92	-3%	-2%
10	86	-5%	6%
11	72	0%	14%
12	82	4%	10%
13	86	8%	5%
14	86	7%	1%
15	81	9%	-12%
16	91	2%	-4%



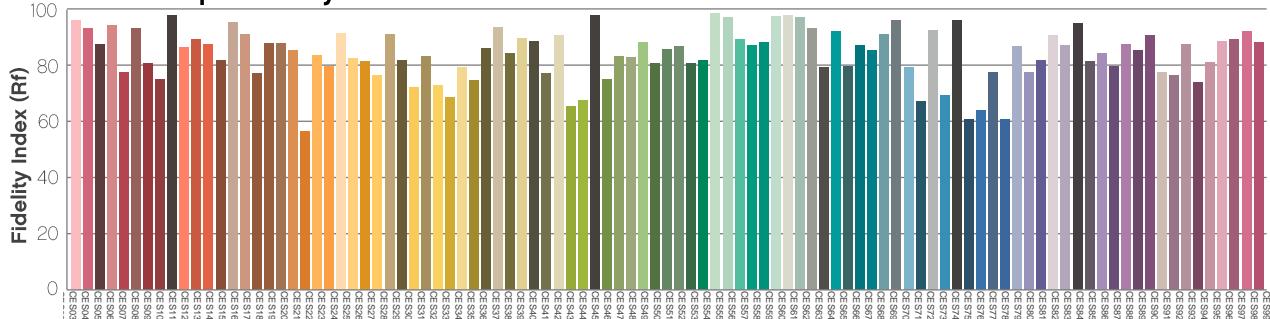
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: Full Flood - CTO Filter - Full Power

Report Summary

Measurements

Total Lumens: 7886 lm

Peak Intensity: 15152 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 3250K

Δu_v : 0.0059

CRI: 68.3 CRI R9 Value: -32.3

CQS: 69.8

TLCI: 44

TM-30-18 Rf: 68.8

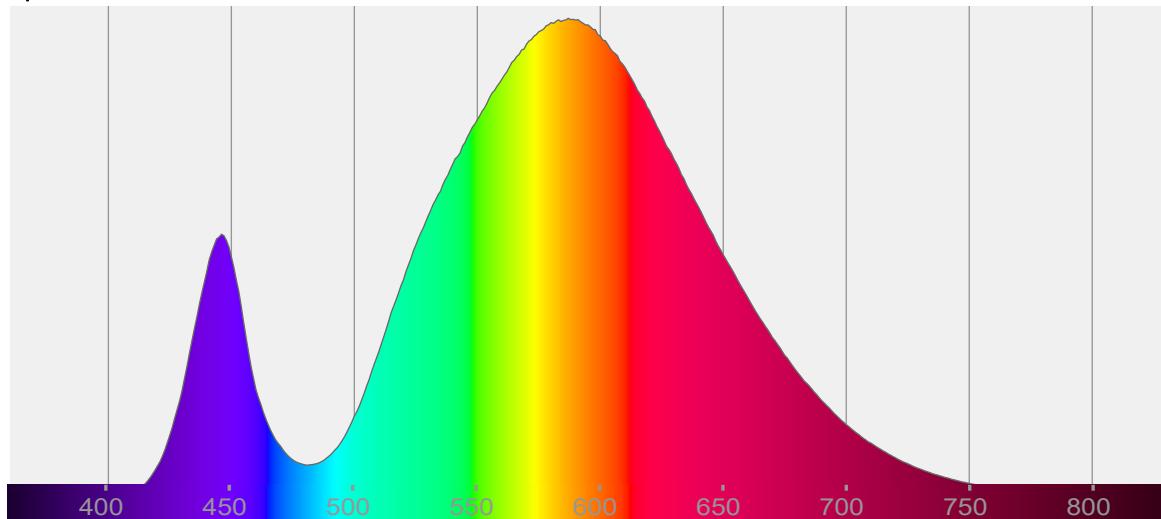
TM-30-18 Rg: 94.0

1st Dominant Wavelength: 587 nm

2nd Dominant Wavelength: 446 nm



Spectral Distribution



Tested Color

3250 K

CIE 1931 Coordinates:

X: 0.428 Y: 0.415

Color Temperature

3250 K

Light Quality

CRI: 68.3

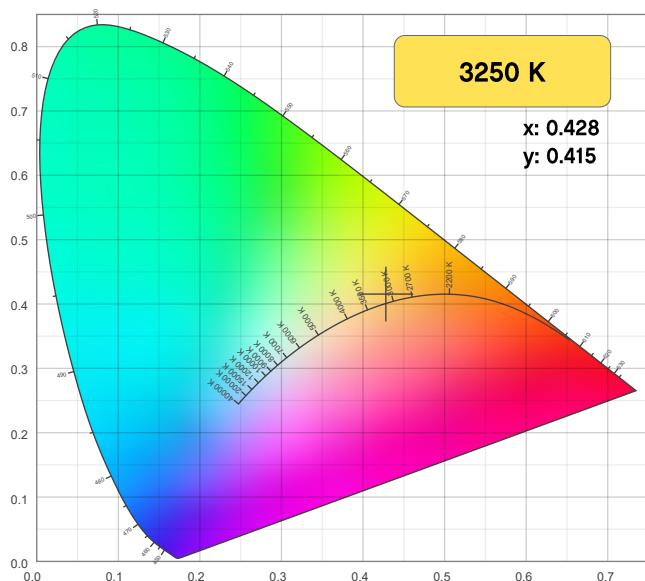
Notes:

Chromaticity Report

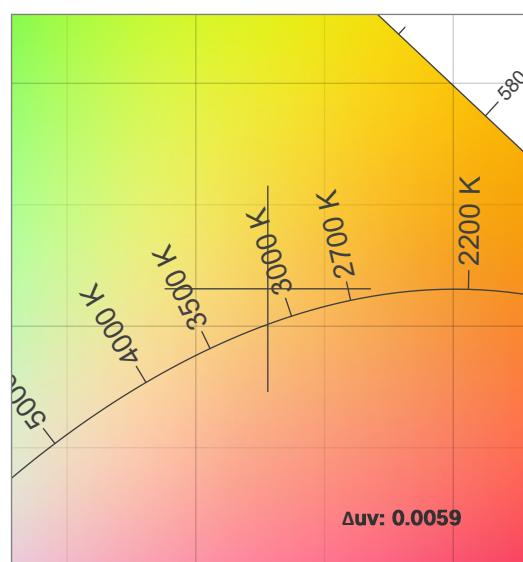
Maverick Force 2 Profile: Full Flood - CTO Filter - Full Power

Chromaticity

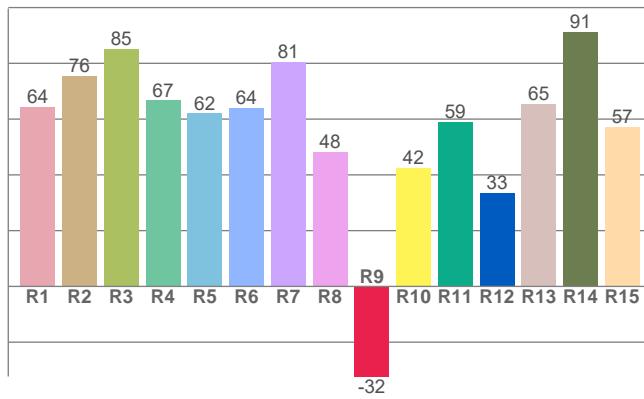
CIE 1931



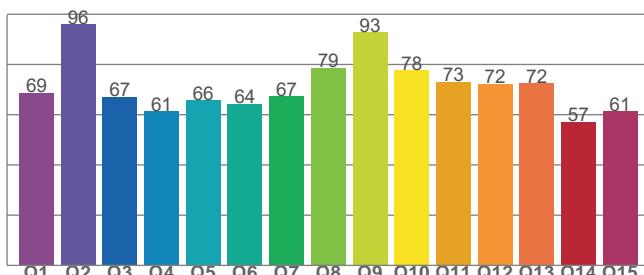
CIE 1931 - Zoom



CRI: 68.3 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3250 K	0.428	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0059	0.415	0.240

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.3	-32.3	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	68.8	94.0

Chromaticity Report

Maverick Force 2 Profile: Full Flood - CTO Filter - Full Power

TM-30-18 Details

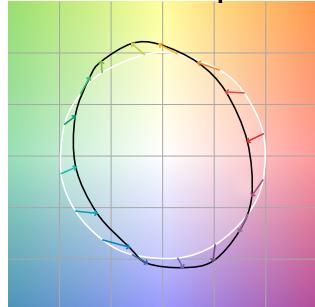
Rf 68.8

Fidelity Index
(Rg)

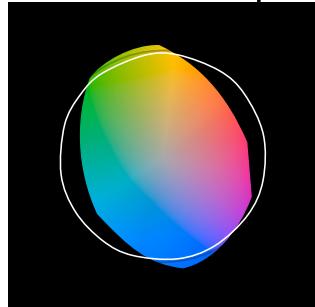
Rg 94.0

Gamut Index (Rg)

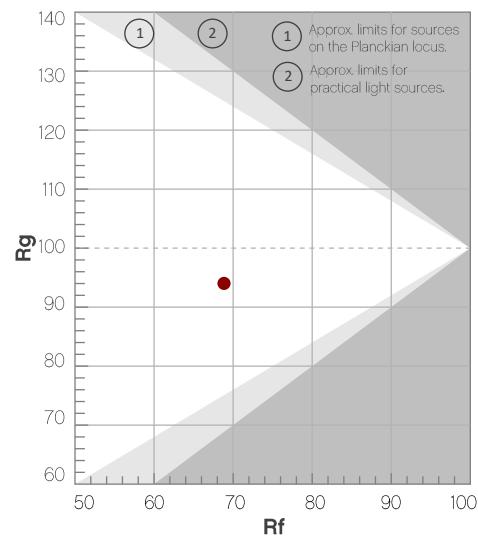
Color Vector Graphic



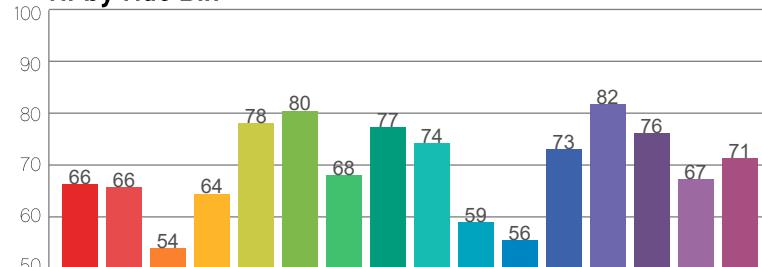
Color Distortion Graphic



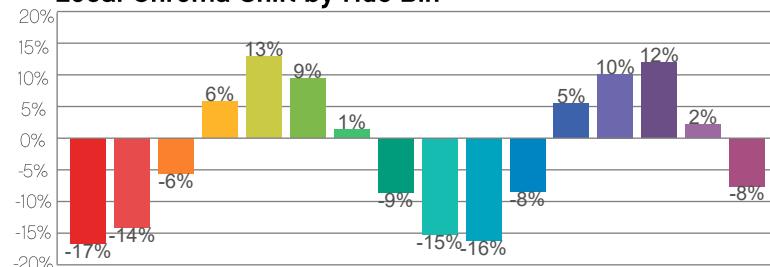
Hue Bin	R _f	Chroma Shift	Hue Shift
1	66	-17%	-4%
2	66	-14%	11%
3	54	-6%	21%
4	64	6%	19%
5	78	13%	10%
6	80	9%	-5%
7	68	1%	-18%
8	77	-9%	-10%
9	74	-15%	-3%
10	59	-16%	14%
11	56	-8%	25%
12	73	5%	16%
13	82	10%	3%
14	76	12%	-11%
15	67	2%	-19%
16	71	-8%	-17%



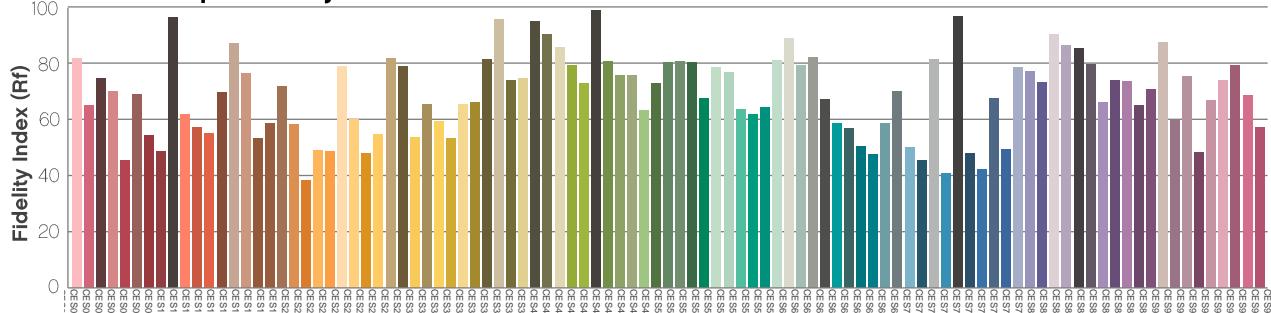
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: Full Spot - Full Power

Report Summary

Measurements

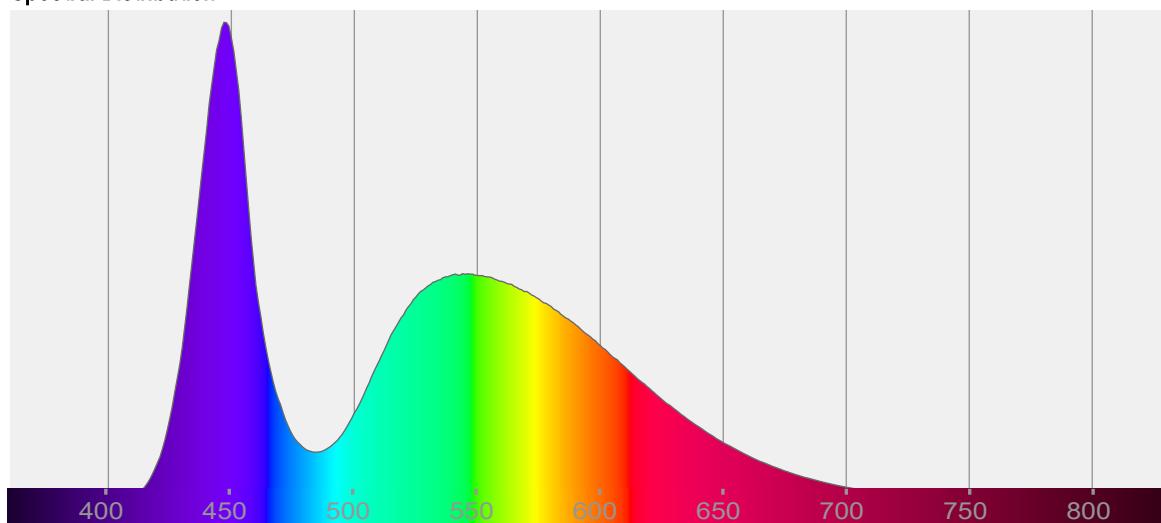
Total Lumens: 14819 lm
Peak Intensity: 1296613 cd
Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 7599K
 Δu_v : 0.0002

CRI: 70.6 CRI R9 Value: -29.1
CQS: 69.2
TLCI: 49
TM-30-18 Rf: 67.5
TM-30-18 Rg: 93.9
1st Dominant Wavelength: 447 nm
2nd Dominant Wavelength: 544 nm



Spectral Distribution



Tested Color

7599 K

CIE 1931 Coordinates:
X: 0.298 Y: 0.314

Color Temperature

7599 K

Light Quality

CRI: 70.6

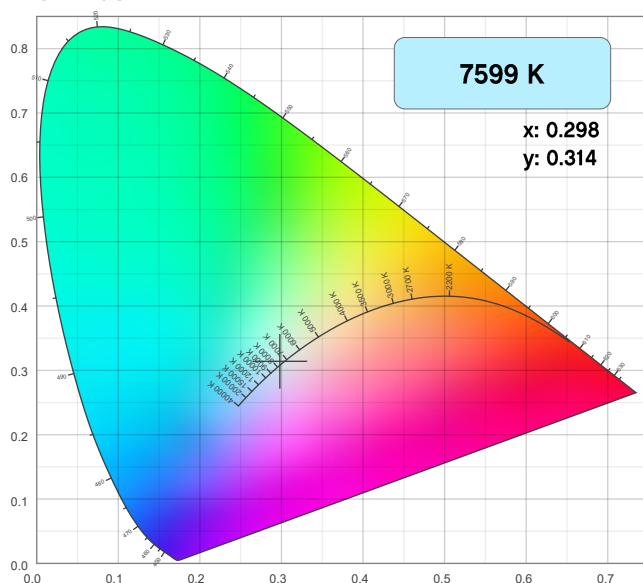
Notes:

Chromaticity Report

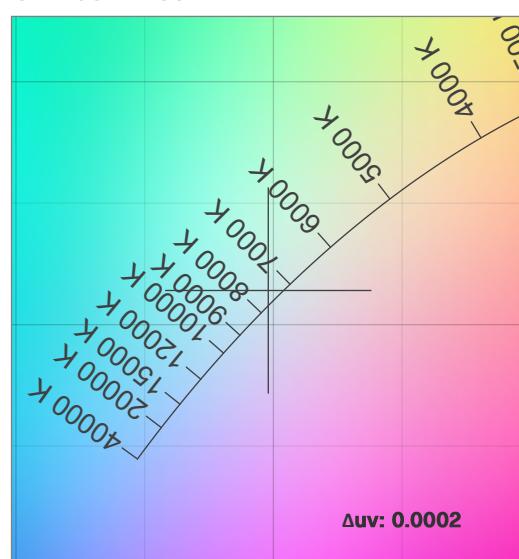
Maverick Force 2 Profile: Full Spot - Full Power

Chromaticity

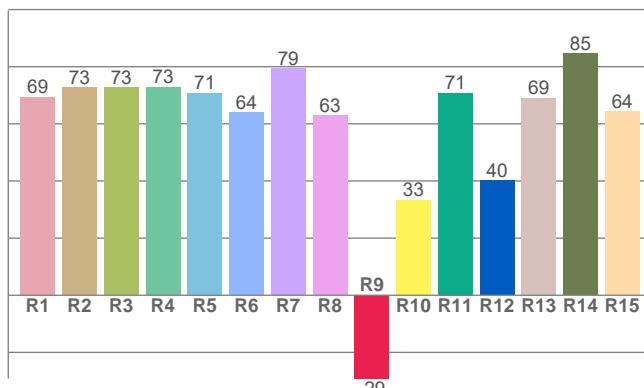
CIE 1931



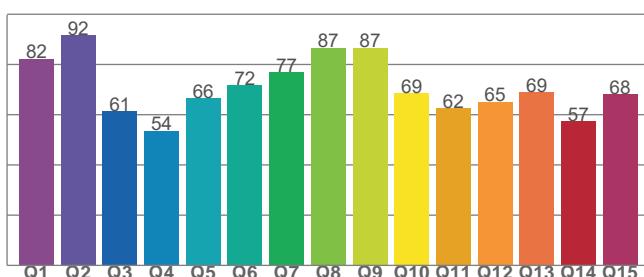
CIE 1931 - Zoom



CRI: 70.6 (R1-R8)



CQS: 69.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7599 K	0.298	0.314

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	u
0.0002	0.314	0.193

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.6	-29.1	69.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	67.5	93.9

Chromaticity Report

Maverick Force 2 Profile: Full Spot - Full Power

TM-30-18 Details

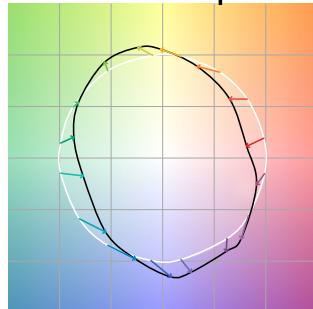
Rf 67.5

Fidelity Index
(Rg)

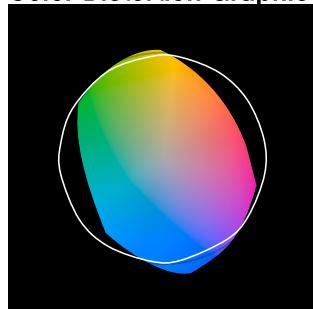
Rg 93.9

Gamut Index (Rg)

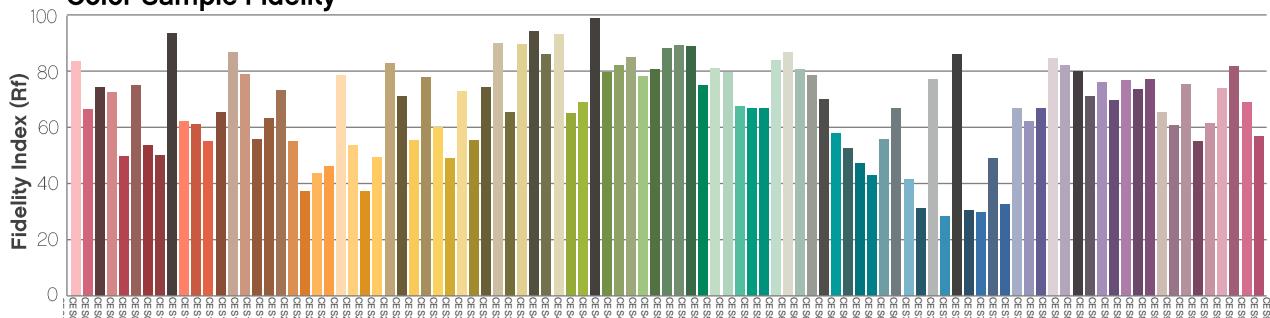
Color Vector Graphic



Color Distortion Graphic



Color Sample Fidelity



Hue Bin	Rf	Chroma Shift	Hue Shift
1	63	-18%	-4%
2	66	-14%	10%
3	61	-7%	21%</

Chromaticity Report

Maverick Force 2 Profile: Full Spot - CRI Filter - Full Power

Report Summary

Measurements

Total Lumens: 9631 lm
Peak Intensity: 913080 cd
Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6537K
 Δu_v : -0.0048

CRI: 87.9 CRI R9 Value: 38.2

CQS: 86.9

TLCI: 70

TM-30-18 Rf: 83.5

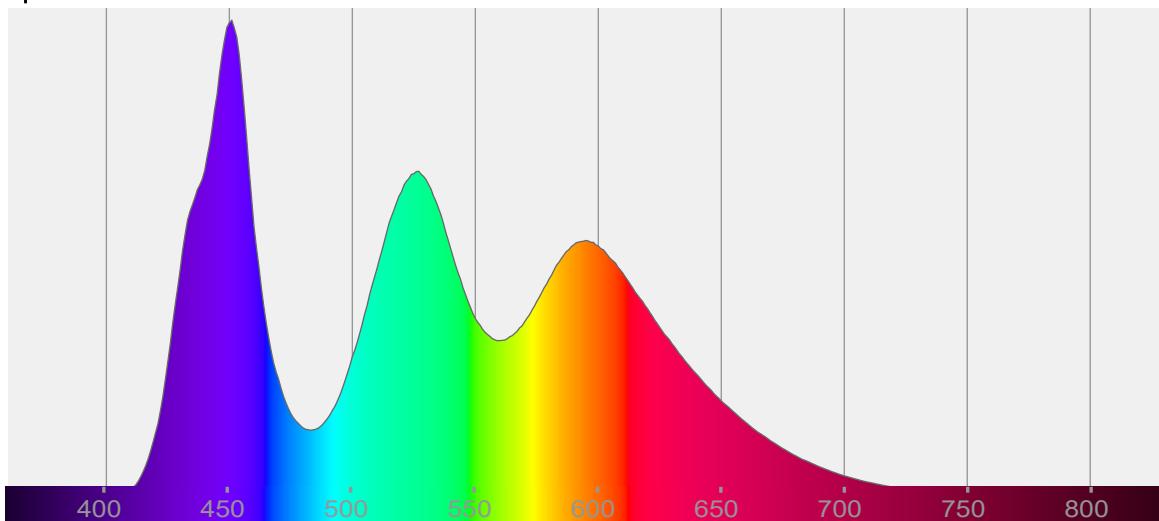
TM-30-18 Rg: 104.1

1st Dominant Wavelength: 451 nm

2nd Dominant Wavelength: 527 nm



Spectral Distribution



Tested Color

6537 K

CIE 1931 Coordinates:
X: 0.313 Y: 0.321

Color Temperature

6537 K

Light Quality

CRI: 87.9

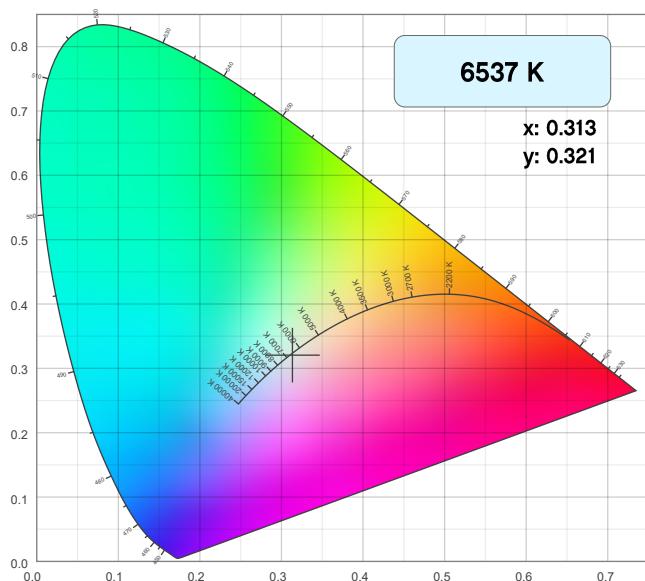
Notes:

Chromaticity Report

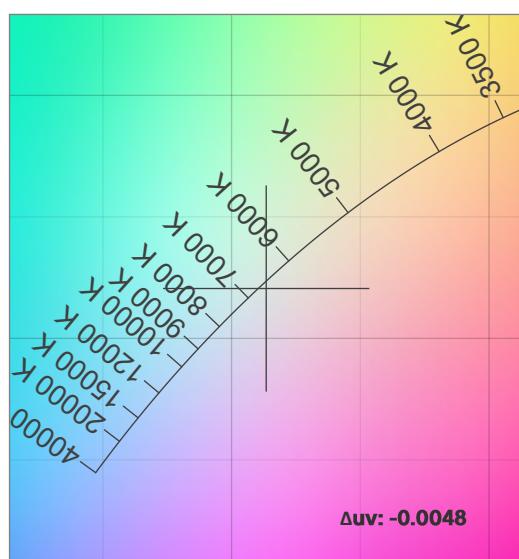
Maverick Force 2 Profile: Full Spot - CRI Filter - Full Power

Chromaticity

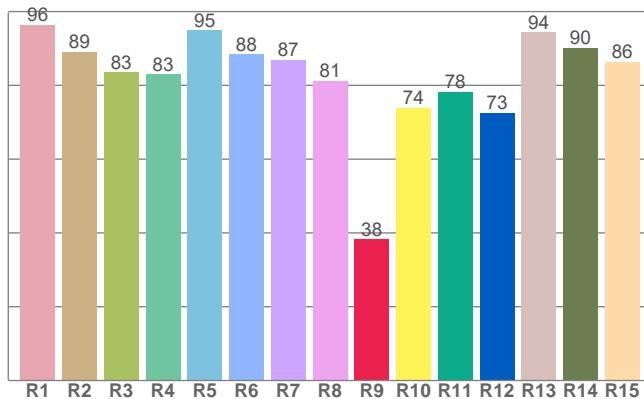
CIE 1931



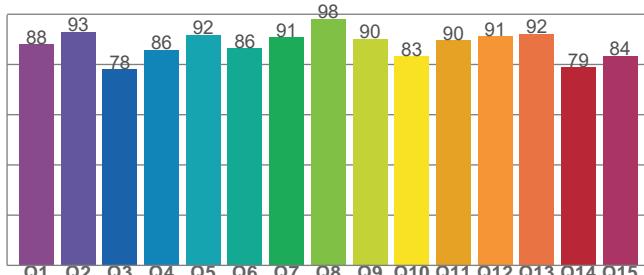
CIE 1931 - Zoom



CRI: 87.9 (R1-R8)



CQS: 86.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6537 K	0.313	0.321

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δu_v	y	u
-0.0048	0.321	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.9	38.2	86.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
70	83.5	104.1

Chromaticity Report

Maverick Force 2 Profile: Full Spot - CRI Filter - Full Power

TM-30-18 Details

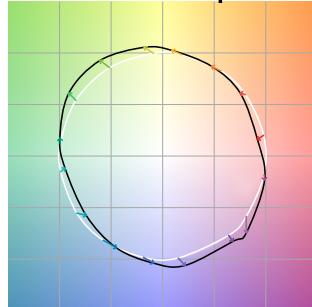
Rf 83.5

Fidelity Index
(Rg)

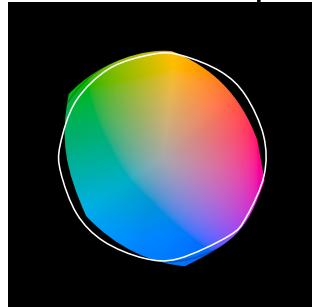
Rg 104.1

Gamut Index (Rg)

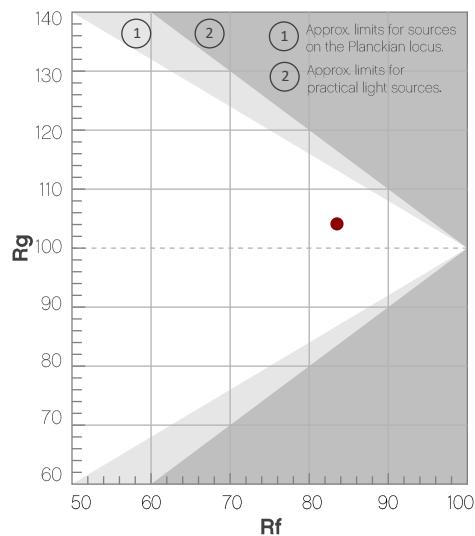
Color Vector Graphic



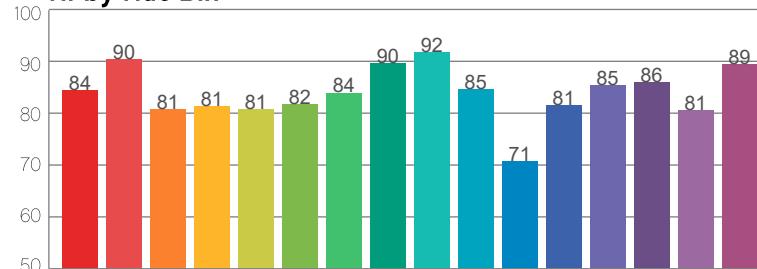
Color Distortion Graphic



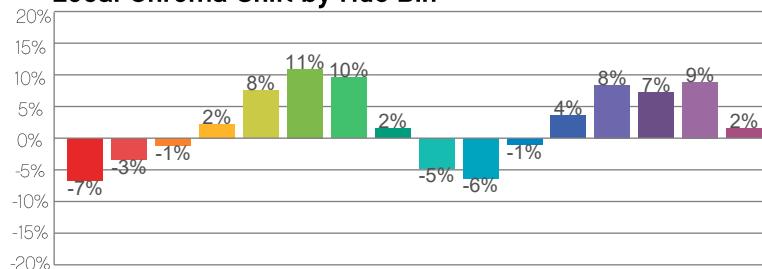
Hue Bin	R _f	Chroma Shift	Hue Shift
1	84	-7%	-3%
2	90	-3%	4%
3	81	-1%	10%
4	81	2%	10%
5	81	8%	8%
6	82	11%	4%
7	84	10%	-2%
8	90	2%	-5%
9	92	-5%	-3%
10	85	-6%	7%
11	71	-1%	15%
12	81	4%	11%
13	85	8%	5%
14	86	7%	0%
15	81	9%	-13%
16	89	2%	-5%



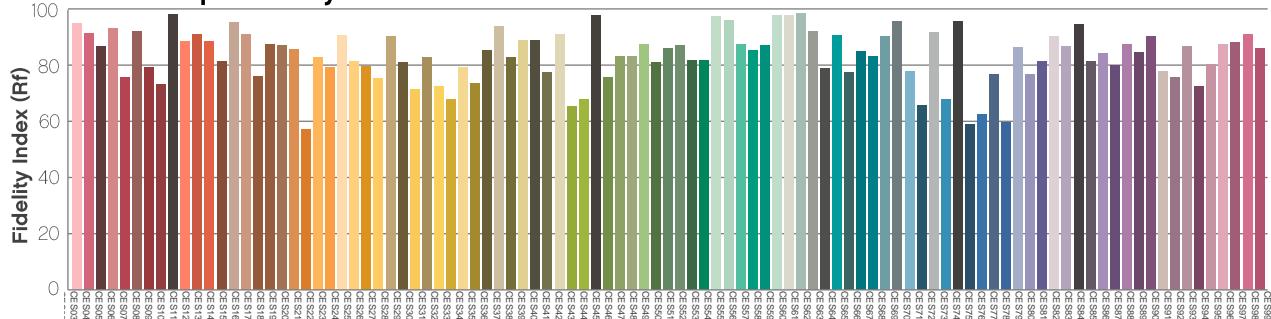
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: Full Spot - CTO Filter - Full Power

Report Summary

Measurements

Total Lumens: 5079 lm

Peak Intensity: 490361 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 3305K

Δu_v : 0.0070

CRI: 67.9 CRI R9 Value: -34.2

CQS: 69.8

TLCI: 44

TM-30-18 Rf: 68.8

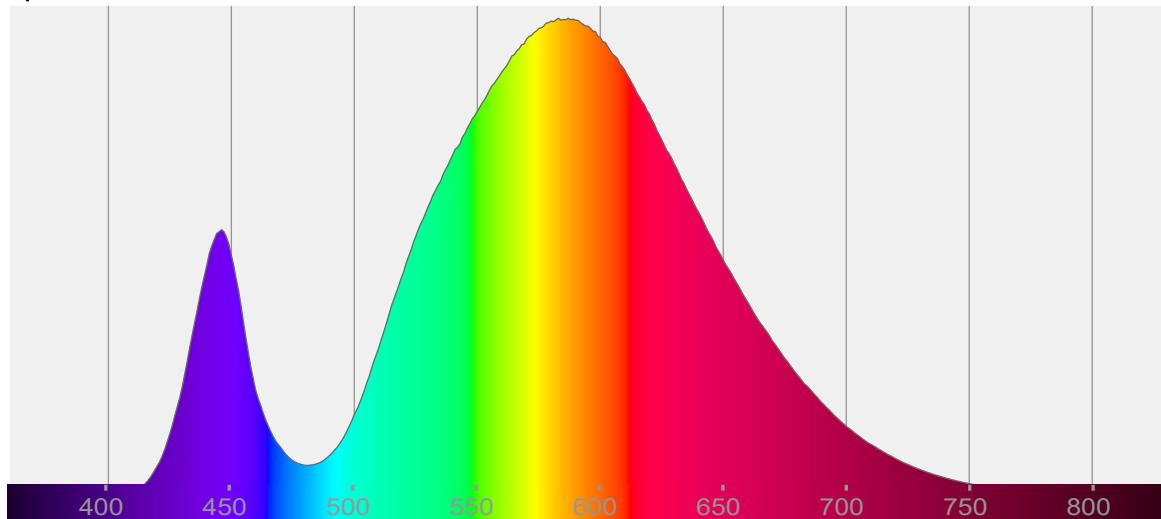
TM-30-18 Rg: 93.4

1st Dominant Wavelength: 583 nm

2nd Dominant Wavelength: 446 nm



Spectral Distribution



Tested Color

3305 K

CIE 1931 Coordinates:

X: 0.426 Y: 0.417

Color Temperature

3305 K

Light Quality

CRI: 67.9

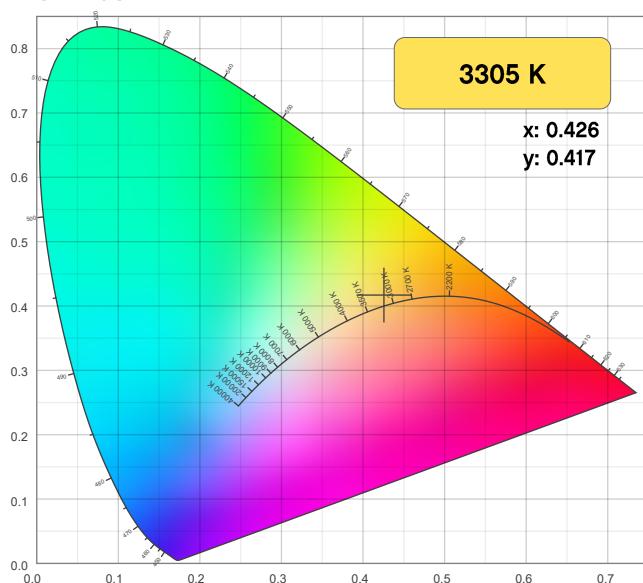
Notes:

Chromaticity Report

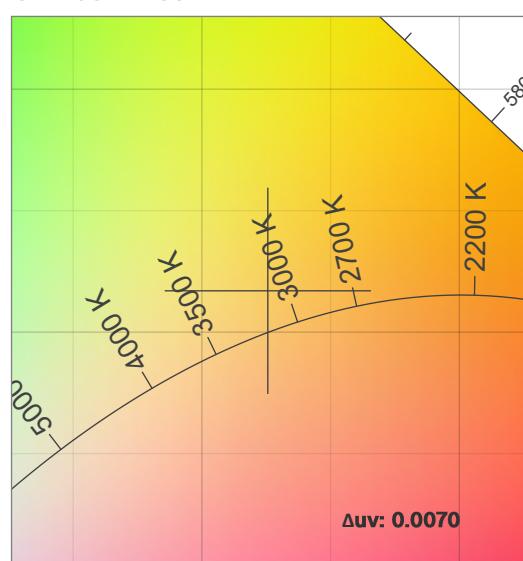
Maverick Force 2 Profile: Full Spot - CTO Filter - Full Power

Chromaticity

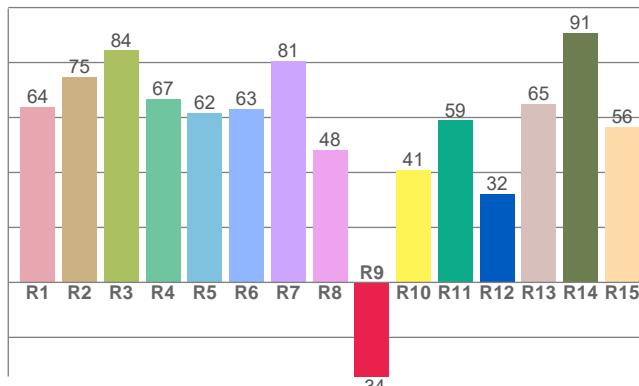
CIE 1931



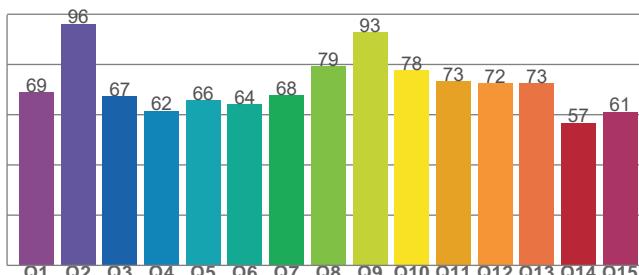
CIE 1931 - Zoom



CRI: 67.9 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3305 K	0.426	0.417

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0070	0.417	0.238

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.9	-34.2	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	68.8	93.4

Chromaticity Report

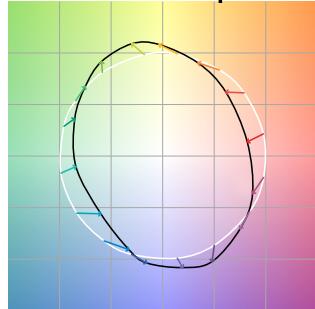
Maverick Force 2 Profile: Full Spot - CTO Filter - Full Power

TM-30-18 Details

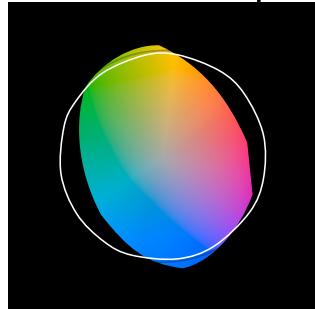
Rf 68.8
Fidelity Index
(Rg)

Rg 93.4
Gamut Index (Rg)

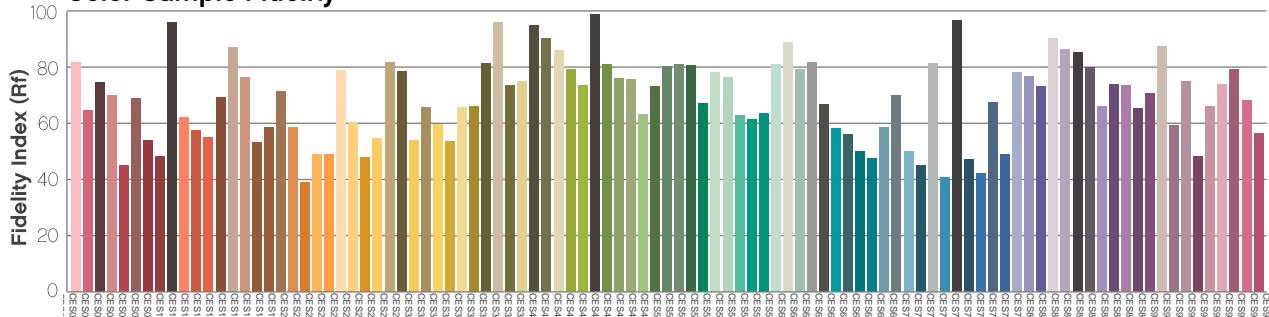
Color Vector Graphic



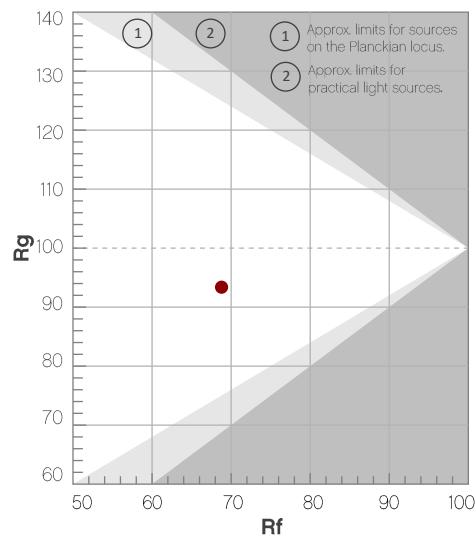
Color Distortion Graphic



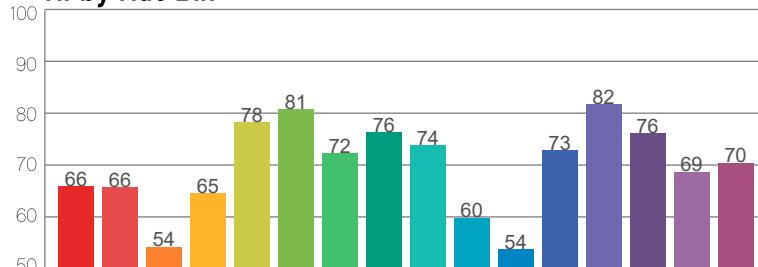
Color Sample Fidelity



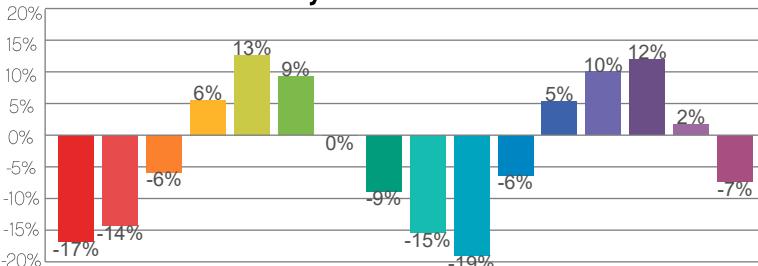
Hue Bin	R _f	Chroma Shift	Hue Shift
1	66	-17%	-5%
2	66	-14%	10%
3	54	-6%	21%
4	65	6%	19%
5	78	13%	10%
6	81	9%	-5%
7	72	0%	-17%
8	76	-9%	-9%
9	74	-15%	-3%
10	60	-19%	14%
11	54	-6%	25%
12	73	5%	16%
13	82	10%	3%
14	76	12%	-11%
15	69	2%	-19%
16	70	-7%	-17%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



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Chromaticity Report

Maverick Force 2 Profile: Full Spot - TV35 - Full Power

Report Summary

Measurements

Total Lumens: 10513 lm

Peak Intensity: 913755 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6916K

Δu_v : 0.0030

CRI: 67.4 CRI R9 Value: -43.2

CQS: 68.1

TLCI: 45

TM-30-18 Rf: 65.3

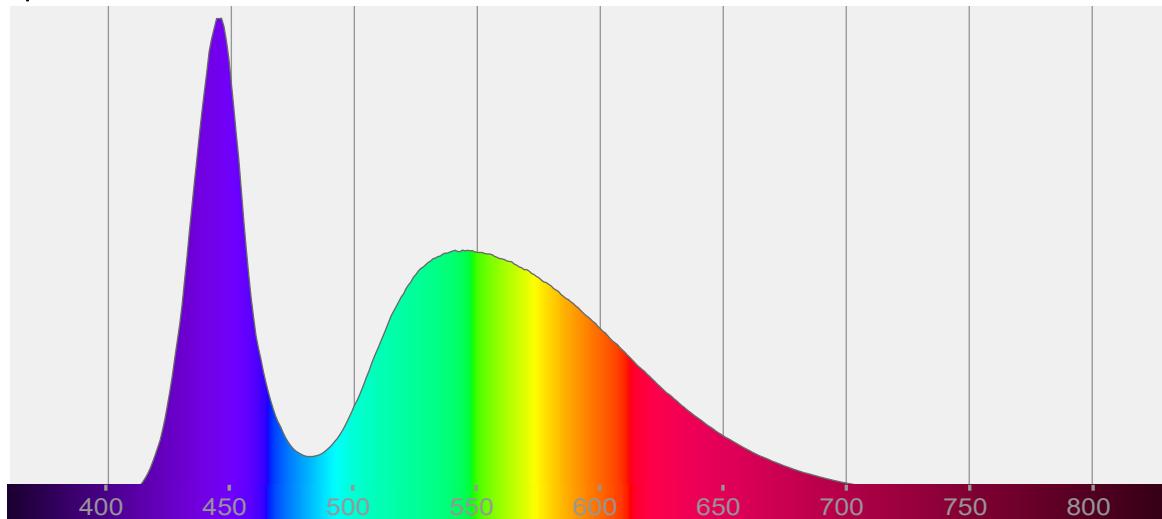
TM-30-18 Rg: 93.4

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: 544 nm



Spectral Distribution



Tested Color

6916 K

CIE 1931 Coordinates:

X: 0.306 Y: 0.328

Color Temperature

6916 K

Light Quality

CRI: 67.4

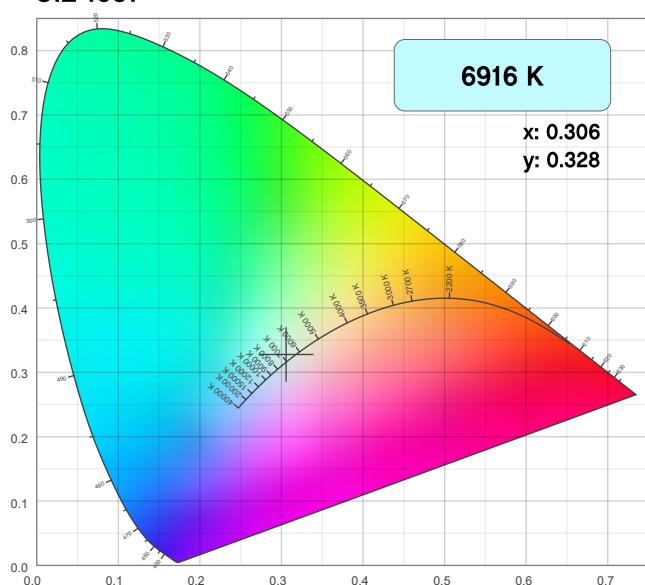
Notes:

Chromaticity Report

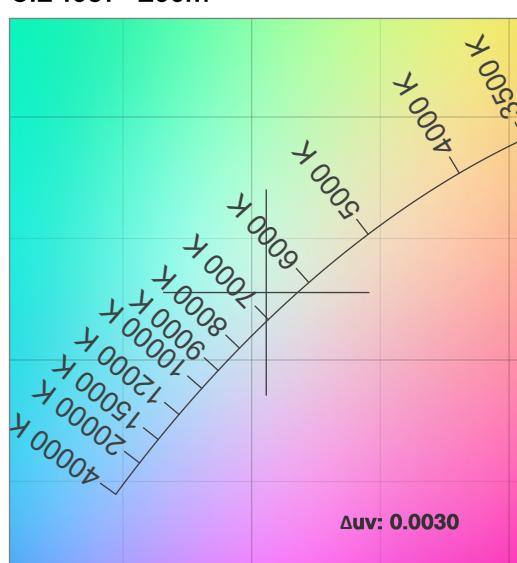
Maverick Force 2 Profile: Full Spot - TV35 - Full Power

Chromaticity

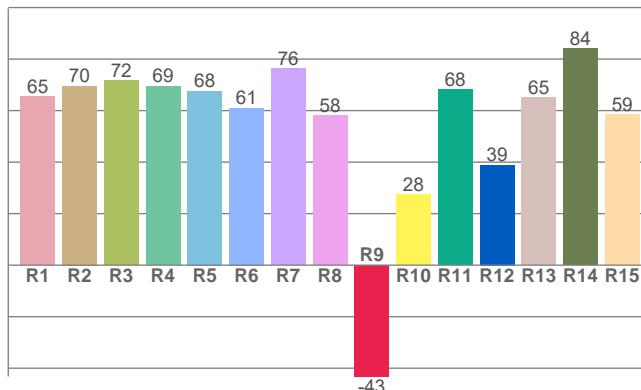
CIE 1931



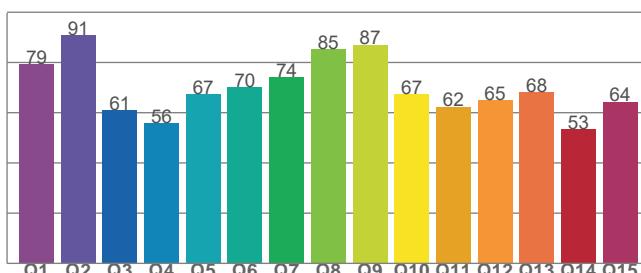
CIE 1931 - Zoom



CRI: 67.4 (R1-R8)



CQS: 68.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6916 K	0.306	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δu_v	u	u
0.0030	0.328	0.193

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.4	-43.2	68.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
45	65.3	93.4

Chromaticity Report

Maverick Force 2 Profile: Full Spot - TV35 - Full Power

TM-30-18 Details

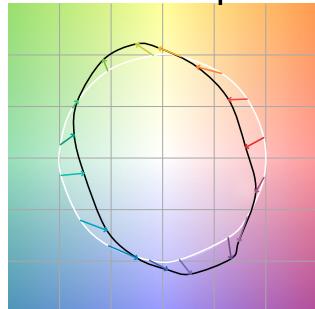
Rf 65.3

Fidelity Index
(Rg)

Rg 93.4

Gamut Index (Rg)

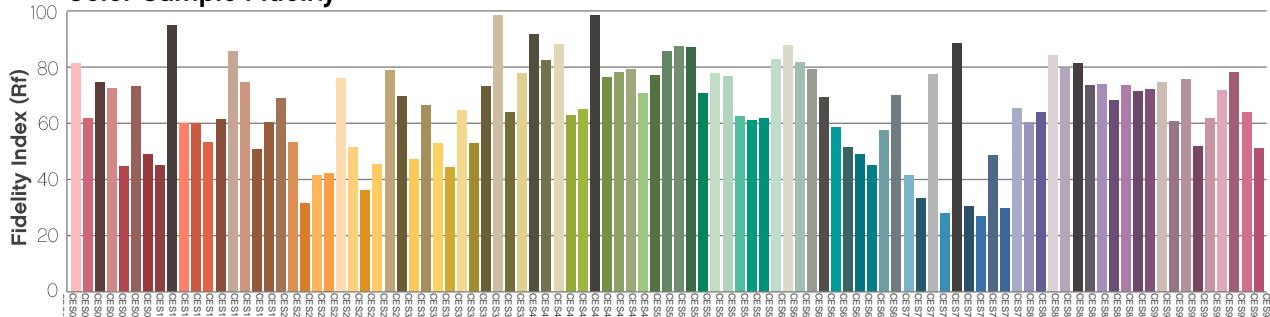
Color Vector Graphic



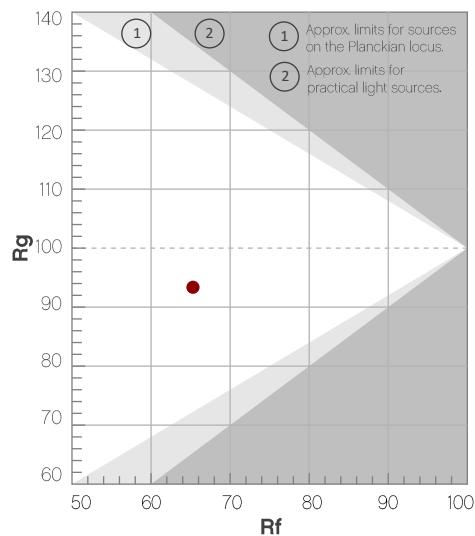
Color Distortion Graphic



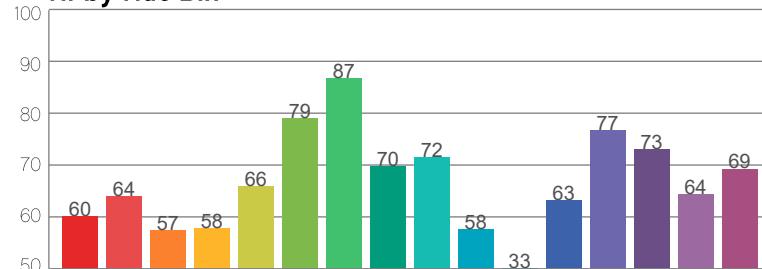
Color Sample Fidelity



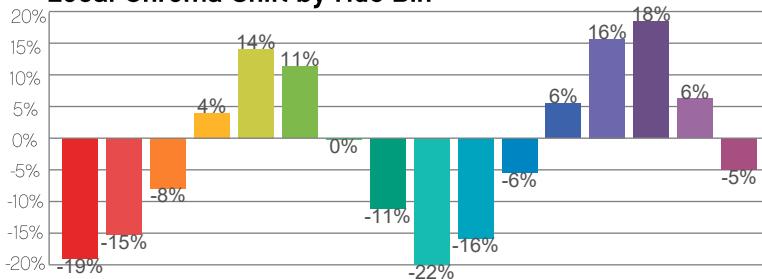
Hue Bin	R _f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	64	-15%	9%
3	57	-8%	23%
4	58	4%	23%
5	66	14%	14%
6	79	11%	-2%
7	87	0%	-8%
8	70	-11%	-12%
9	72	-22%	2%
10	58	-16%	22%
11	33	-6%	30%
12	63	6%	19%
13	77	16%	8%
14	73	18%	-9%
15	64	6%	-24%
16	69	-5%	-16%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



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Chromaticity Report

Maverick Force 2 Profile: Full Spot - TV25 - Full Power

Report Summary

Measurements

Total Lumens: 11301 lm
Peak Intensity: 1031622 cd
Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6947K
 Δu_v : 0.0027

CRI: 67.8 CRI R9 Value: -41.5

CQS: 68.3

TLCI: 45

TM-30-18 Rf: 65.7

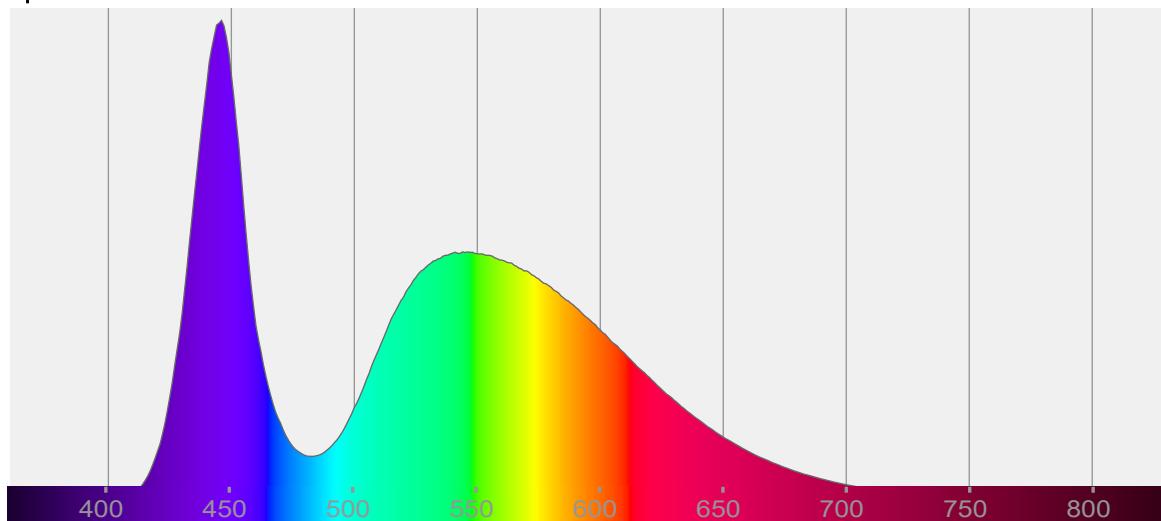
TM-30-18 Rg: 93.3

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: 544 nm



Spectral Distribution



Tested Color

6947 K

CIE 1931 Coordinates:

X: 0.305 Y: 0.327

Color Temperature

6947 K

Light Quality

CRI: 67.8

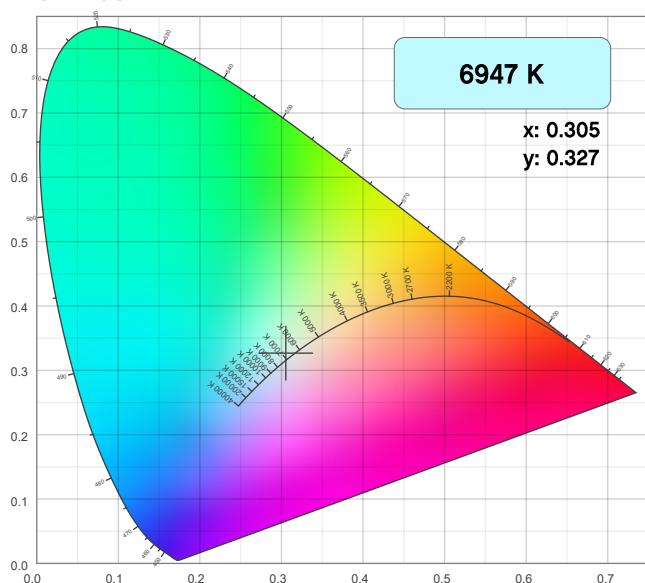
Notes:

Chromaticity Report

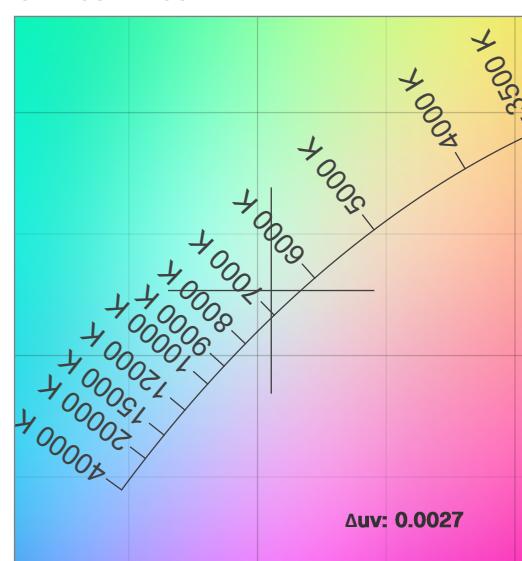
Maverick Force 2 Profile: Full Spot - TV25 - Full Power

Chromaticity

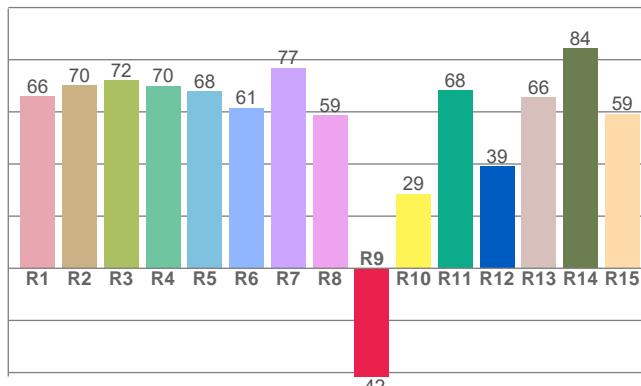
CIE 1931



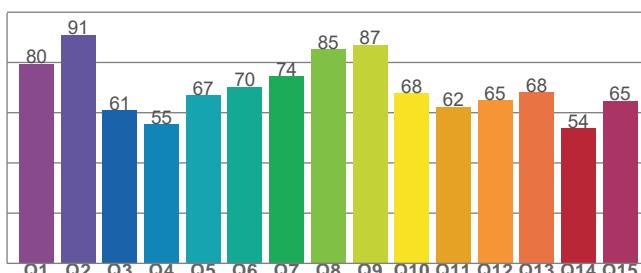
CIE 1931 - Zoom



CRI: 67.8 (R1-R8)



CQS: 68.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6947 K	0.305	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0027	0.327	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.8	-41.5	68.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
45	65.7	93.3

Chromaticity Report

Maverick Force 2 Profile: Full Spot - TV25 - Full Power

TM-30-18 Details

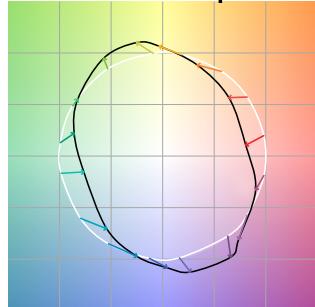
Rf 65.7

Fidelity Index
(Rg)

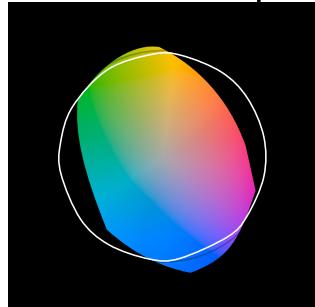
Rg 93.3

Gamut Index (Rg)

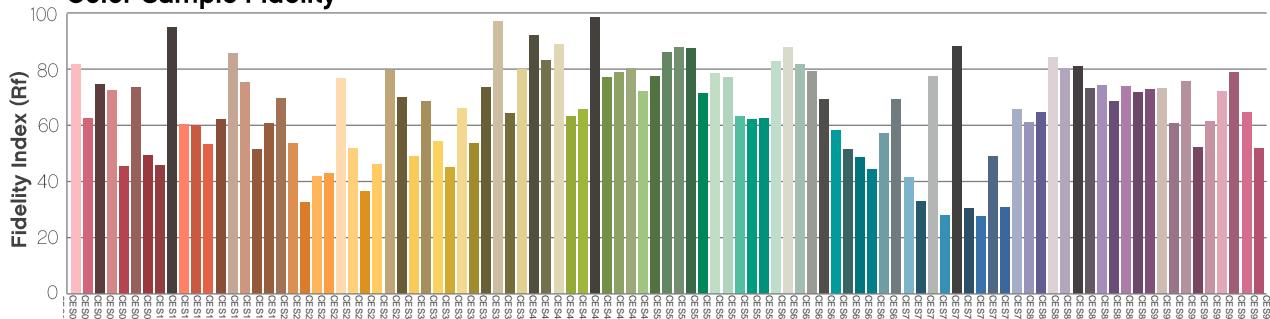
Color Vector Graphic



Color Distortion Graphic



Color Sample Fidelity



Hue Bin	Rf	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	64	-15%	9%
3	58	-8%	23%
4	58	4%	23%
5	67	13%	14%
6	80	11%	-2%
7	87	-1%	-8%
8	70	-11%	-11%
9	72	-22%	3%
10	57	-16%	23%
11	33	-5%	30%
12	64	6%	18%
13	77	16%	8%
14	73	-9%	-9%
15	65	6%	-24%
16	70	-5%	-15%
17	60	13%	1%
18	67	11%	-11%
19	80	-1%	-16%
20	87	6%	-22%
21	72	-5%	-5%
22	64	19%	19%
23	60	6%	-5%
24	60	19%	19%
25	60	6%	-5%
26	60	19%	19%
27	60	6%	-5%
28	60	19%	19%
29	60	6%	-5%
30	60	19%	19%
31	60	6%	-5%
32	60	19%	19%
33	60	6%	-5%
34	60	19%	19%
35	60	6%	-5%

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Full Power

Report Summary

Measurements

Total Lumens: 3332 lm

Peak Intensity: 38830 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 0K

Δu_v : n/a

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: 46

TM-30-18 Rf: 0.0

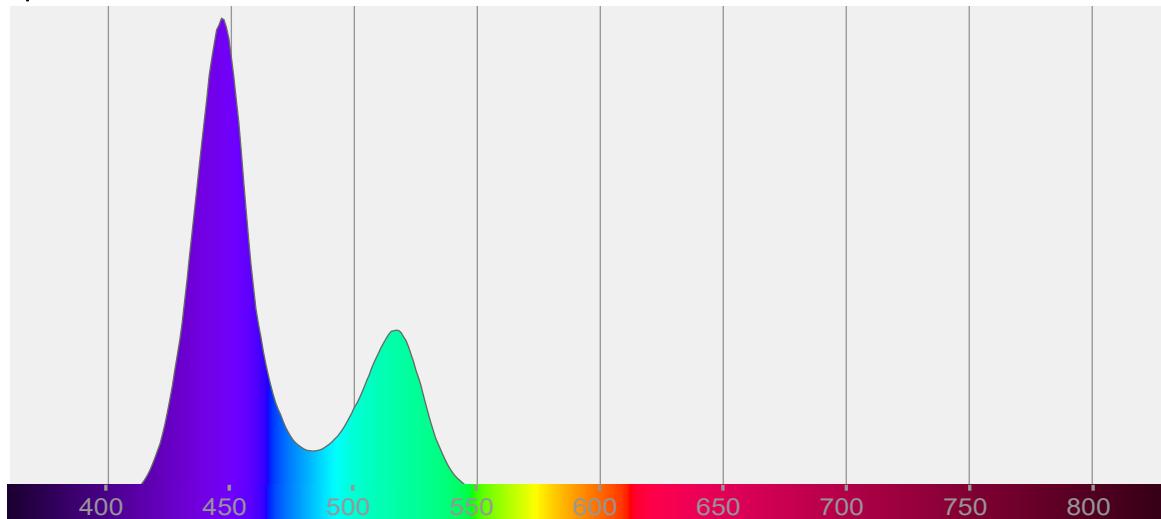
TM-30-18 Rg: 0.0

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: 517 nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.146 Y: 0.124

Color Temperature

0 K

Light Quality

CRI: 0.0

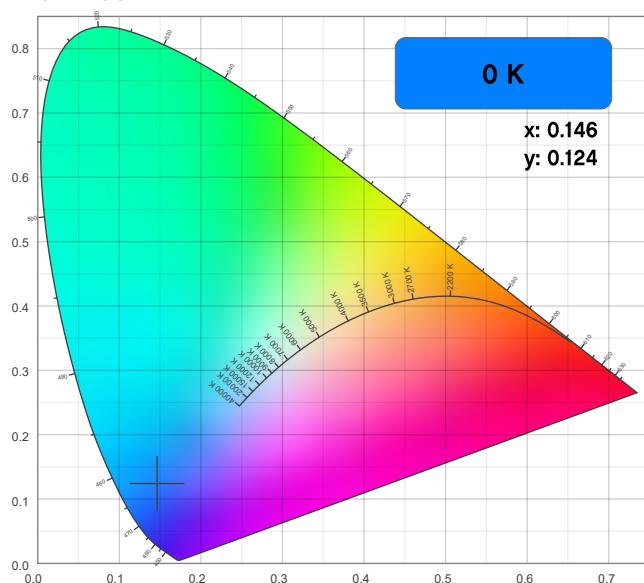
Notes:

Chromaticity Report

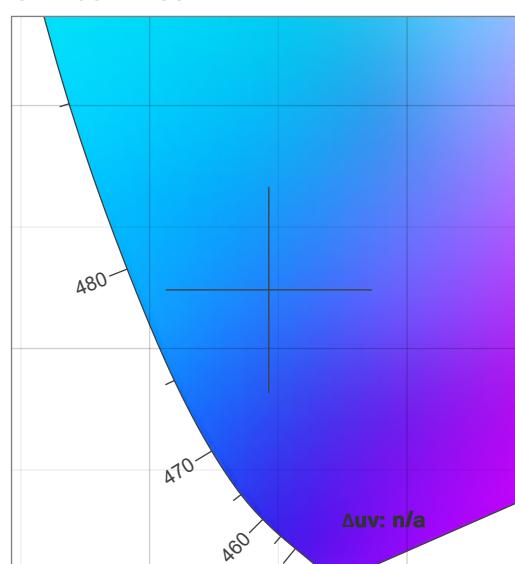
Maverick Force 2 Profile: 50% Zoom - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.146	0.124

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.124	0.139

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
46	0.0	0.0

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Full Power

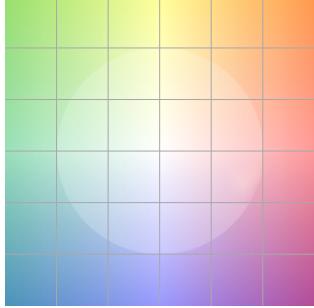
TM-30-18 Details

Rf 0.0

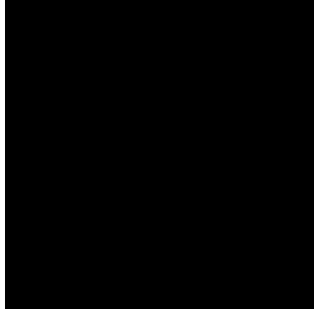
Fidelity Index (Rg)

Rg 0.0

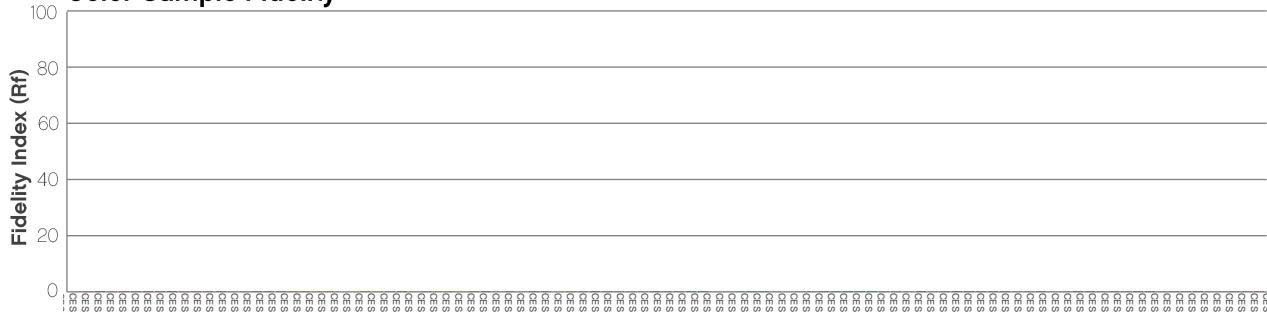
Color Vector Graphic



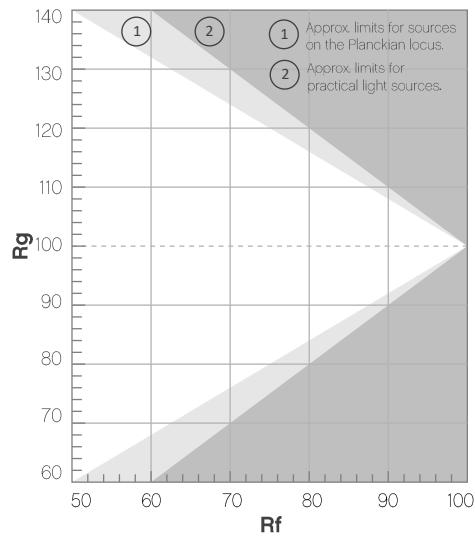
Color Distortion Graphic



Color Sample Fidelity



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%



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - CRI Filter - Full Power

Report Summary

Measurements

Total Lumens: 13856 lm

Peak Intensity: 161635 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6453K

Δu_v : -0.0071

CRI: 89.1 CRI R9 Value: 43.3

CQS: 87.5

TLCI: 69

TM-30-18 Rf: 84.0

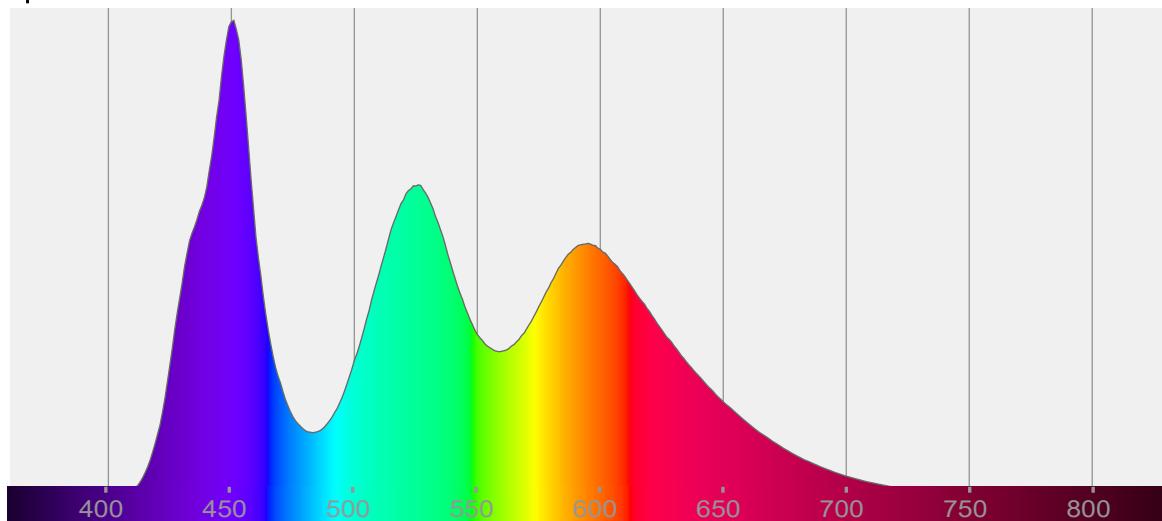
TM-30-18 Rg: 105.2

1st Dominant Wavelength: 451 nm

2nd Dominant Wavelength: 526 nm



Spectral Distribution



Tested Color

6453 K

CIE 1931 Coordinates:
X: 0.315 Y: 0.318

Color Temperature

6453 K

Light Quality

CRI: 89.1

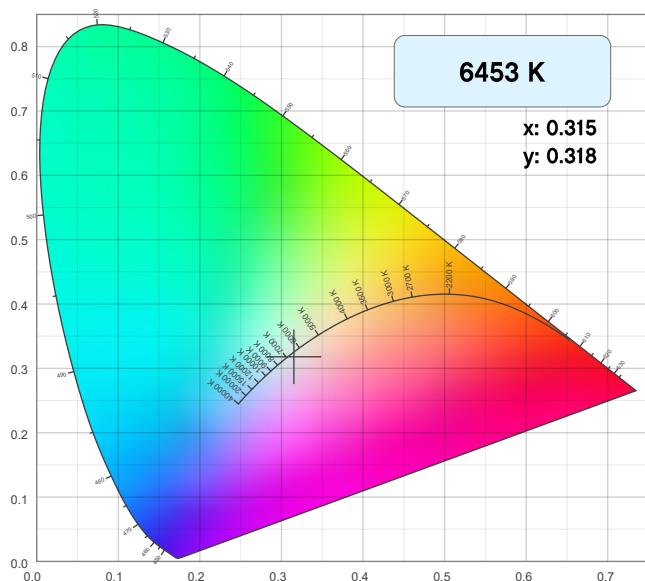
Notes:

Chromaticity Report

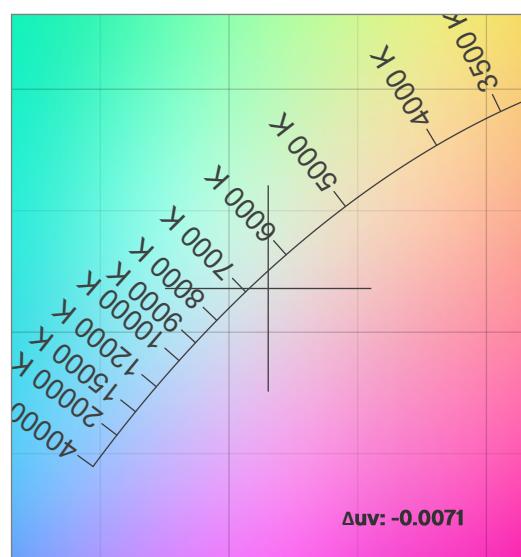
Maverick Force 2 Profile: 50% Zoom - CRI Filter - Full Power

Chromaticity

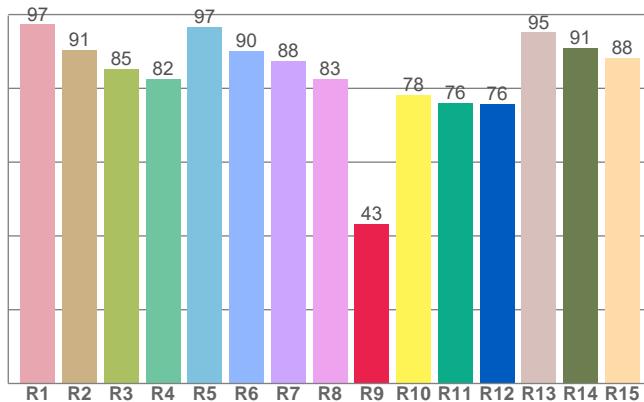
CIE 1931



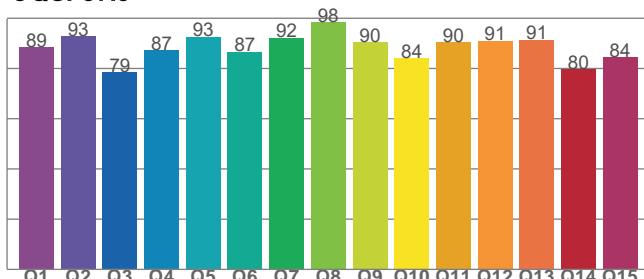
CIE 1931 - Zoom



CRI: 89.1 (R1-R8)



CQS: 87.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6453 K	0.315	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0071	0.318	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.1	43.3	87.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
69	84.0	105.2

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - CRI Filter - Full Power

TM-30-18 Details

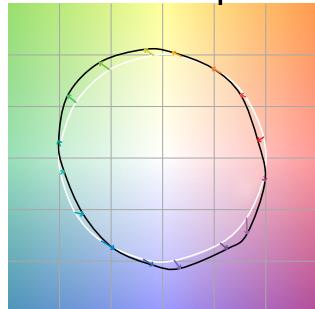
Rf 84.0

Fidelity Index
(Rg)

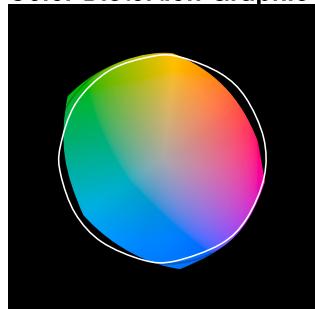
Rg 105.2

Gamut Index (Rg)

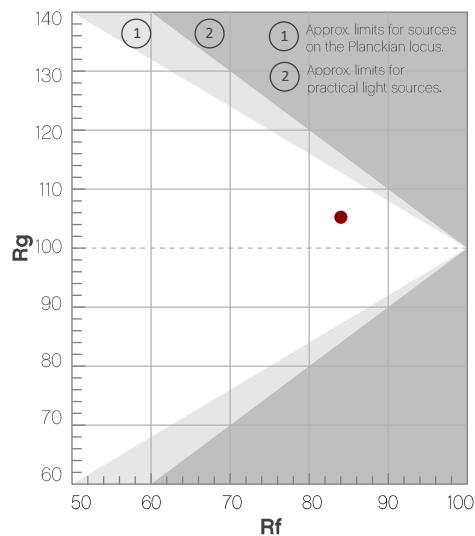
Color Vector Graphic



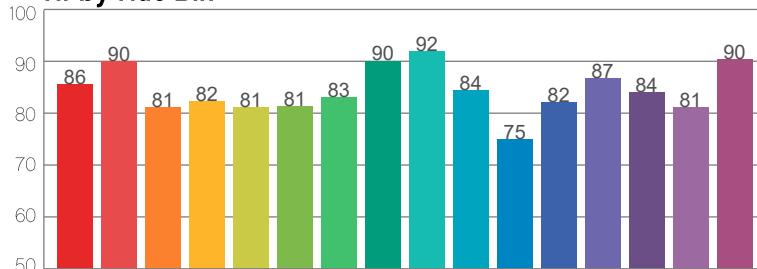
Color Distortion Graphic



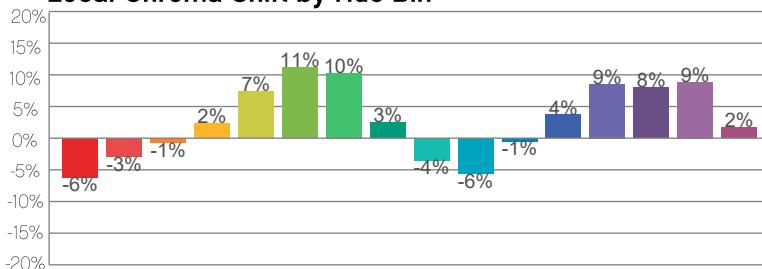
Hue Bin	R _f	Chroma Shift	Hue Shift
1	86	-6%	-2%
2	90	-3%	4%
3	81	-1%	10%
4	82	2%	10%
5	81	7%	7%
6	81	11%	4%
7	83	10%	-1%
8	90	3%	-4%
9	92	-4%	-3%
10	84	-6%	6%
11	75	-1%	14%
12	82	4%	10%
13	87	9%	4%
14	84	8%	2%
15	81	9%	-12%
16	90	2%	-4%



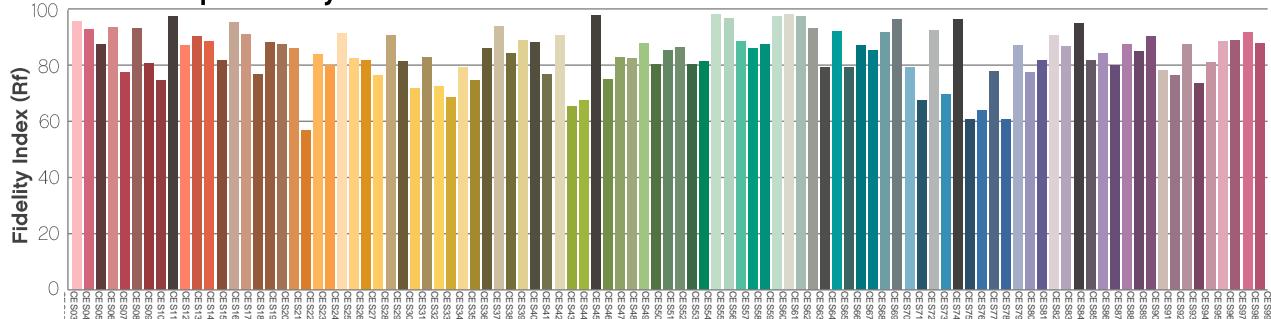
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - CTO Filter - Full Power

Report Summary

Measurements

Total Lumens: 13856 lm

Peak Intensity: 161635 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 6453K

Δu_v : -0.0071

CRI: 89.1 CRI R9 Value: 43.3

CQS: 87.5

TLCI: 43

TM-30-18 Rf: 84.0

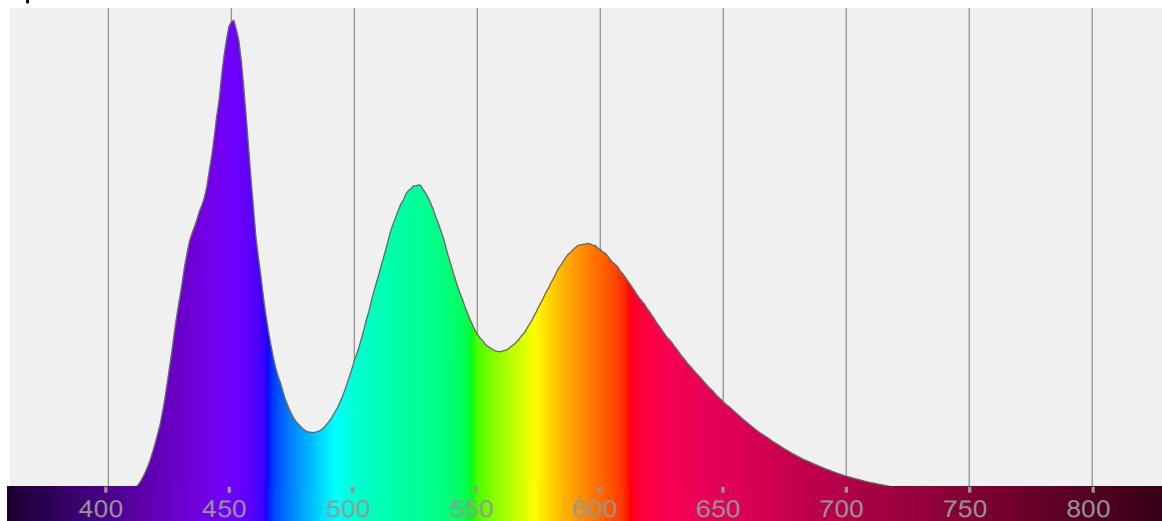
TM-30-18 Rg: 105.2

1st Dominant Wavelength: 451 nm

2nd Dominant Wavelength: 526 nm



Spectral Distribution



Tested Color

6453 K

CIE 1931 Coordinates:
X: 0.315 Y: 0.318

Color Temperature

6453 K

Light Quality

CRI: 89.1

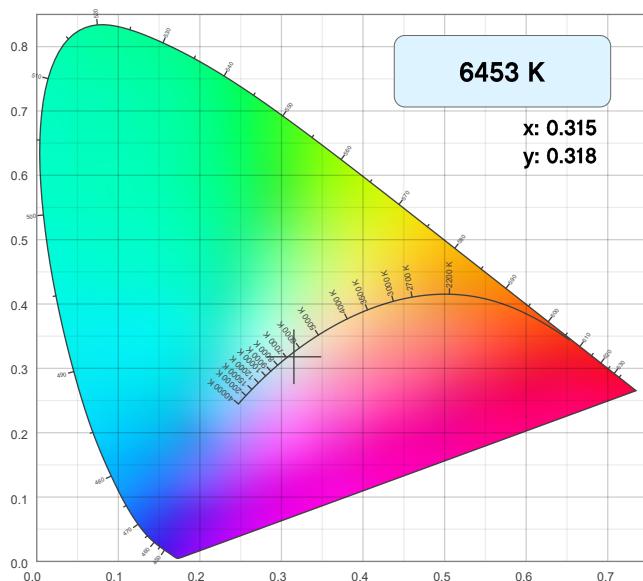
Notes:

Chromaticity Report

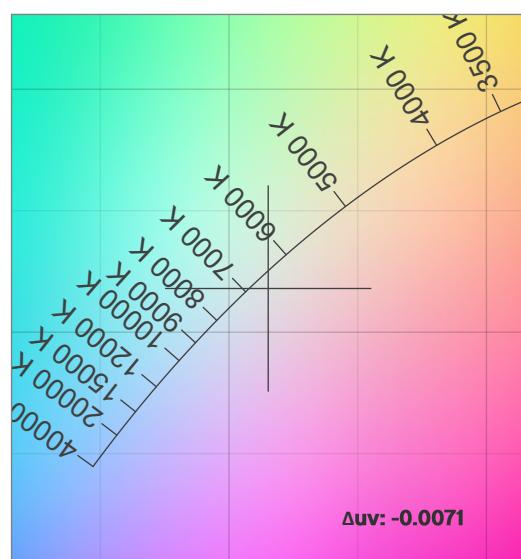
Maverick Force 2 Profile: 50% Zoom - CTO Filter - Full Power

Chromaticity

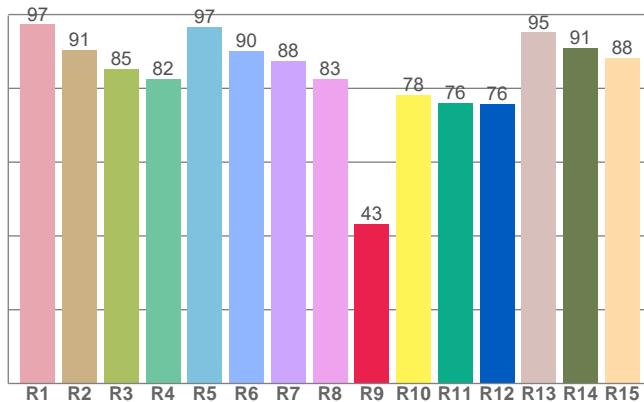
CIE 1931



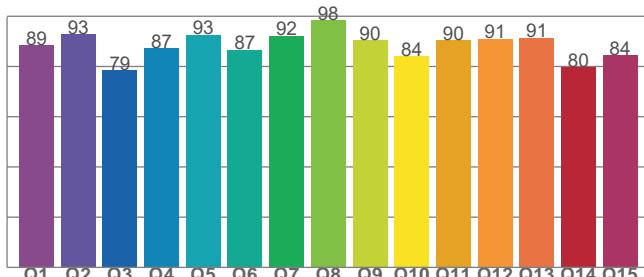
CIE 1931 - Zoom



CRI: 89.1 (R1-R8)



CQS: 87.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6453 K	0.315	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0071	0.318	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.1	43.3	87.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
43	84.0	105.2

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - CTO Filter - Full Power

TM-30-18 Details

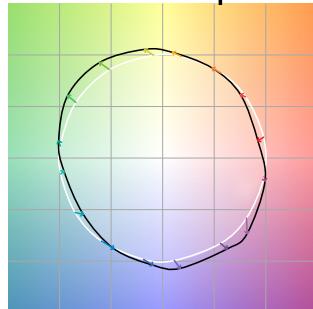
Rf 84.0

Fidelity Index
(Rg)

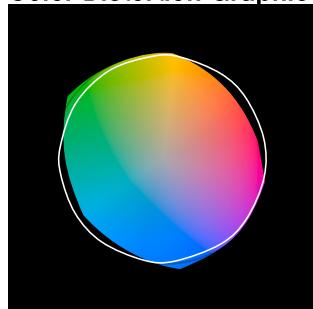
Rg 105.2

Gamut Index (Rg)

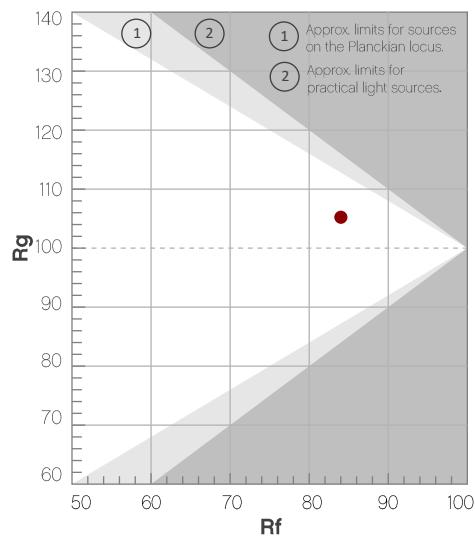
Color Vector Graphic



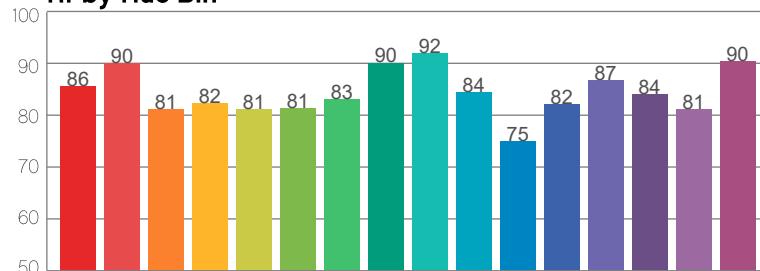
Color Distortion Graphic



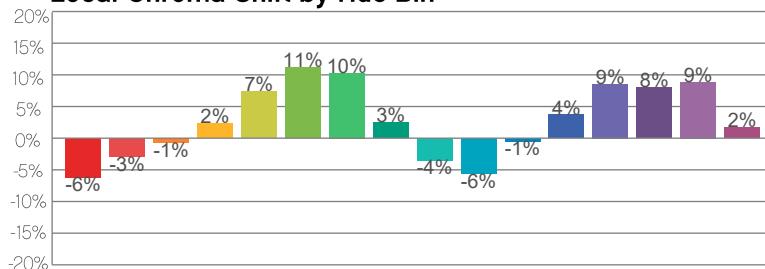
Hue Bin	R _f	Chroma Shift	Hue Shift
1	86	-6%	-2%
2	90	-3%	4%
3	81	-1%	10%
4	82	2%	10%
5	81	7%	7%
6	81	11%	4%
7	83	10%	-1%
8	90	3%	-4%
9	92	-4%	-3%
10	84	-6%	6%
11	75	-1%	14%
12	82	4%	10%
13	87	9%	4%
14	84	8%	2%
15	81	9%	-12%
16	90	2%	-4%



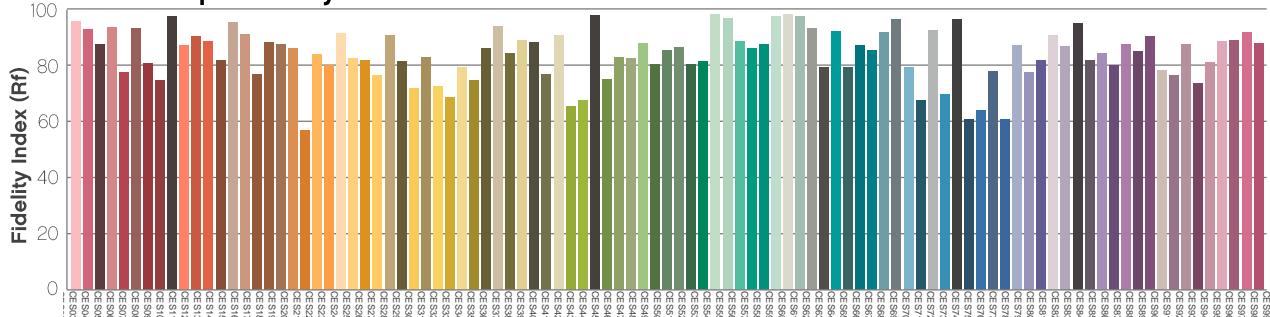
R_f by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Cyan - Full Power

Report Summary

Measurements

Total Lumens: 3332 lm

Peak Intensity: 38830 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 0K

Δu_v : n/a

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30-18 Rf: 0.0

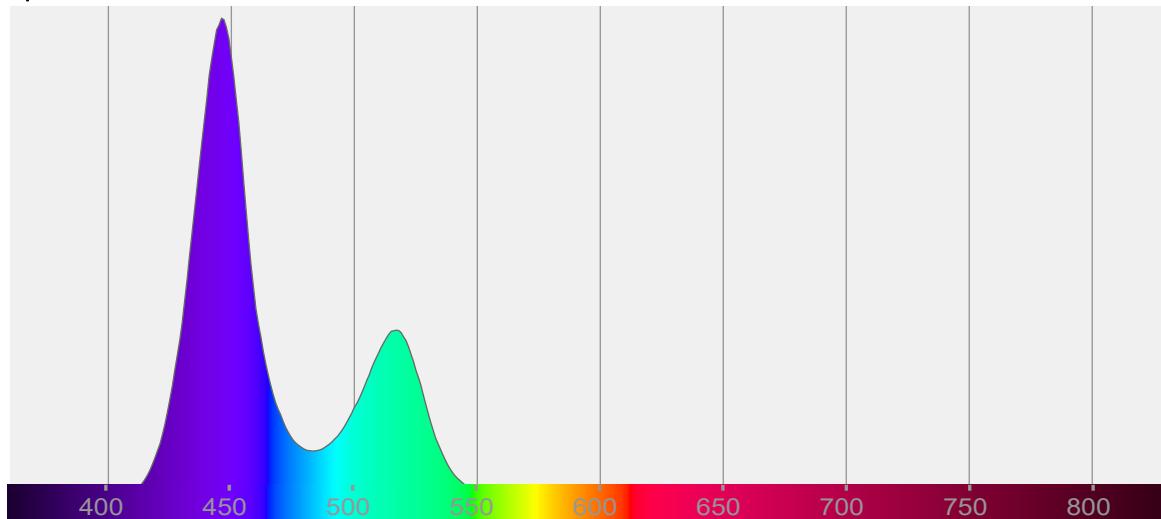
TM-30-18 Rg: 0.0

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: 517 nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.146 Y: 0.124

Color Temperature

0 K

Light Quality

CRI: 0.0

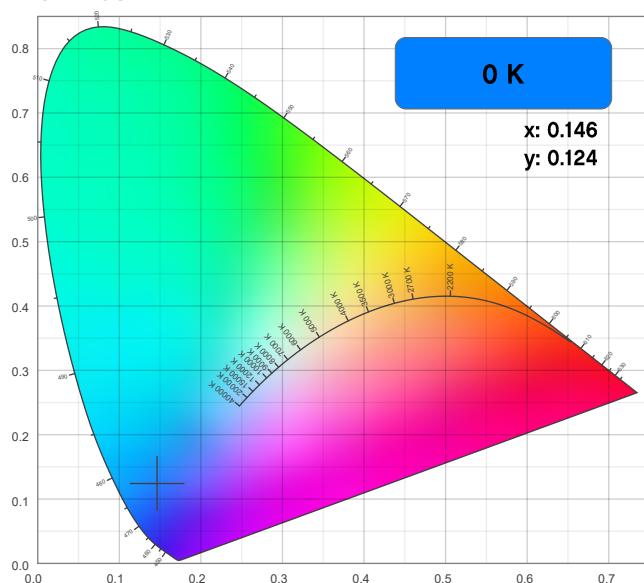
Notes:

Chromaticity Report

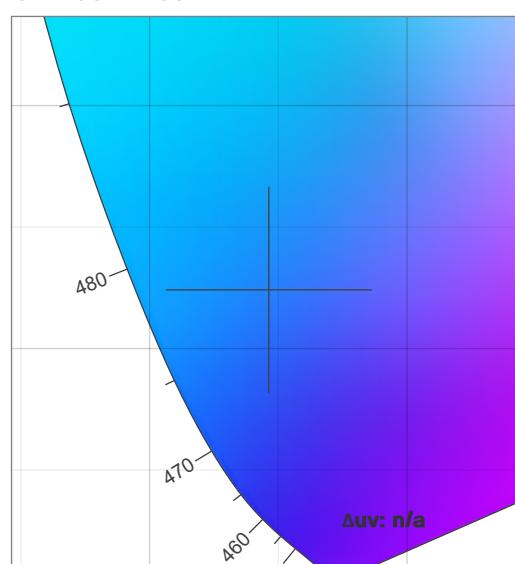
Maverick Force 2 Profile: 50% Zoom - Cyan - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.146	0.124

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.124	0.139

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

Maverick Force 2 Profile: 50% Zoom - Cyan - Full Power

TM-30-18 Details

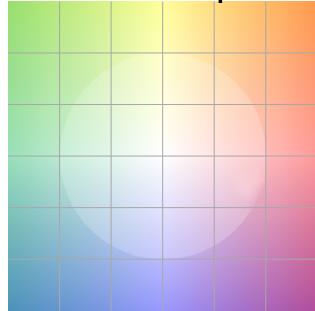
Rf 0.0

Fidelity Index
(Rg)

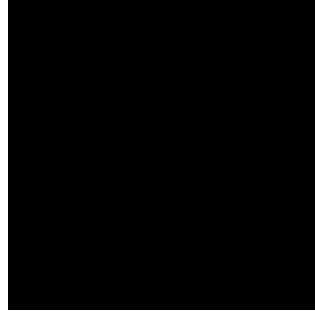
Rg 0.0

Gamut Index (Rg)

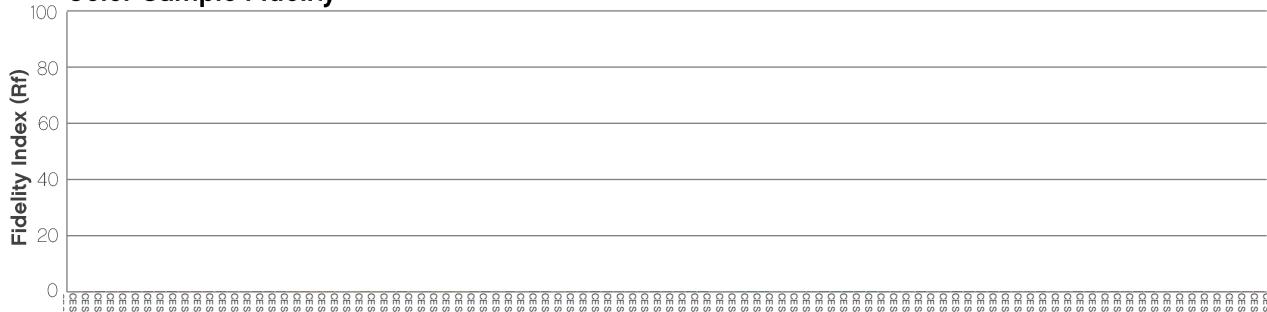
Color Vector Graphic



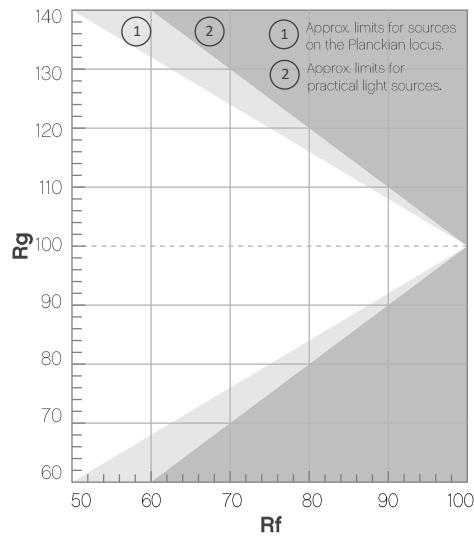
Color Distortion Graphic



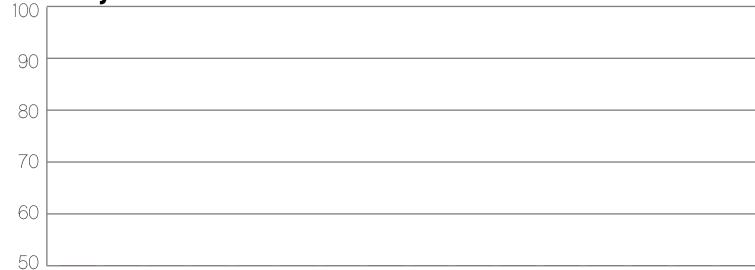
Color Sample Fidelity



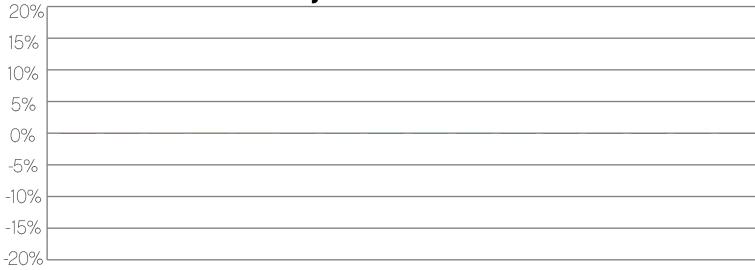
Hue Bin	R _f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power

Report Summary

Measurements

Total Lumens: 340 lm

Peak Intensity: 3590 cd

Fixture Efficacy: 0 lm/W

Correlated Color Temperature: 0K

Δu_v : n/a

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30-18 R_f: 0.0

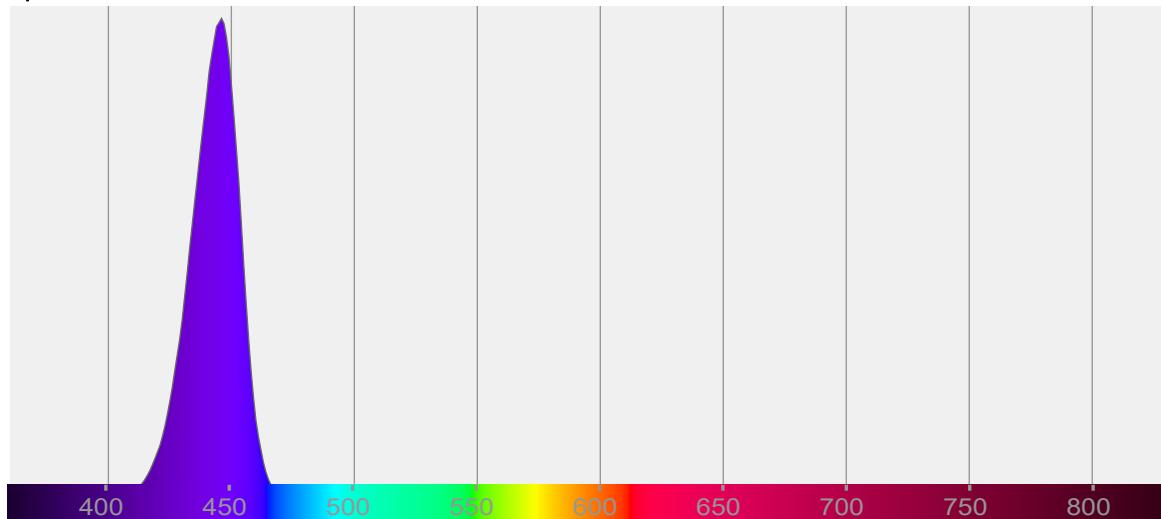
TM-30-18 R_g: 0.0

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: n/a nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.161 Y: 0.015

Color Temperature

0 K

Light Quality

CRI: 0.0

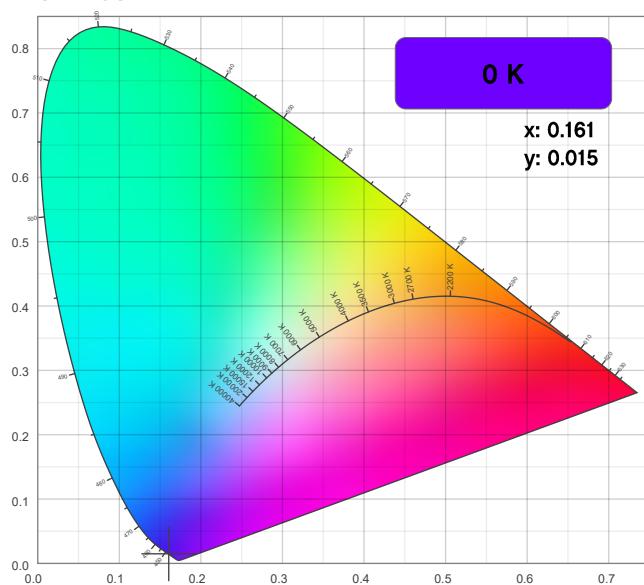
Notes:

Chromaticity Report

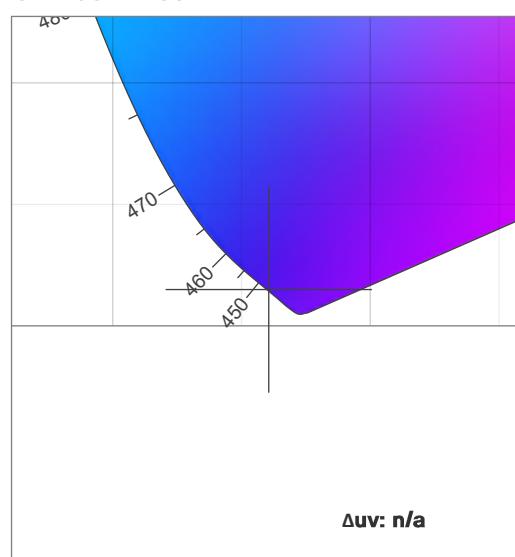
Maverick Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.161	0.015

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.015	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

Maverick Force 2 Profile: 50% Zoom - Magenta + Cyan - Full Power

TM-30-18 Details

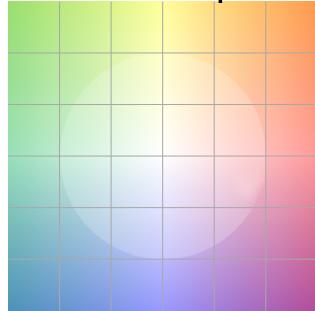
Rf 0.0

Fidelity Index
(Rg)

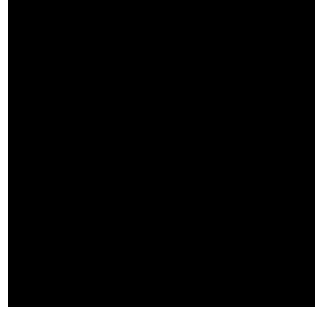
Rg 0.0

Gamut Index (Rg)

Color Vector Graphic



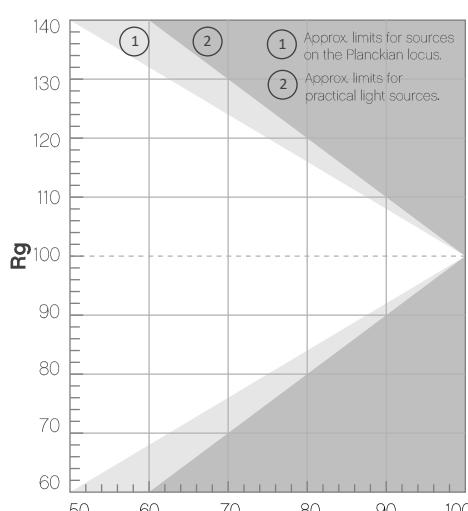
Color Distortion Graphic



Color Sample Fidelity



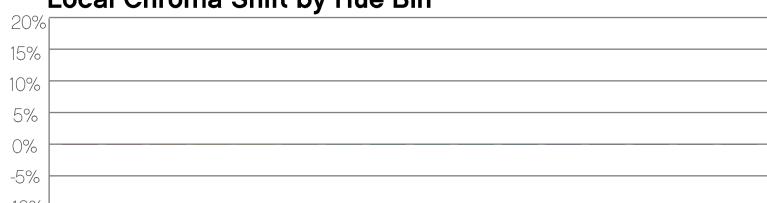
Hue Bin	Rf	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Magenta - Full Power

Report Summary

Measurements

Total Lumens: 893 lm

Peak Intensity: 10193 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

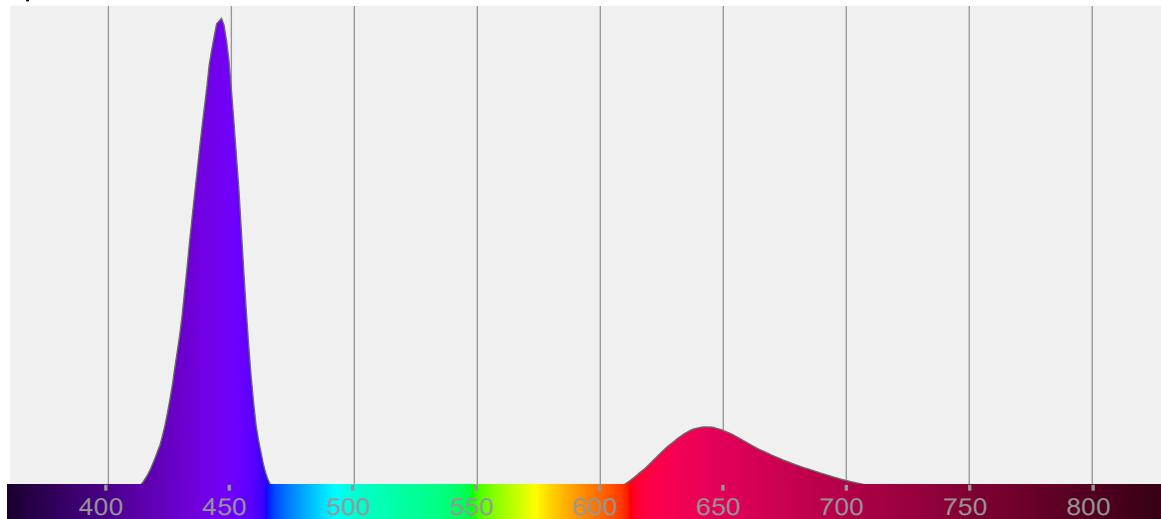
TM-30-18 Rg: 0.0

1st Dominant Wavelength: 446 nm

2nd Dominant Wavelength: 643 nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.209 Y: 0.040

Color Temperature

0 K

Light Quality

CRI: 0.0

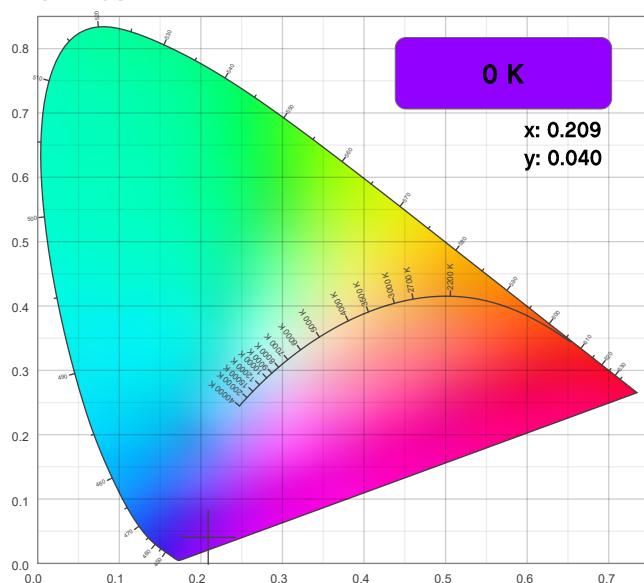
Notes:

Chromaticity Report

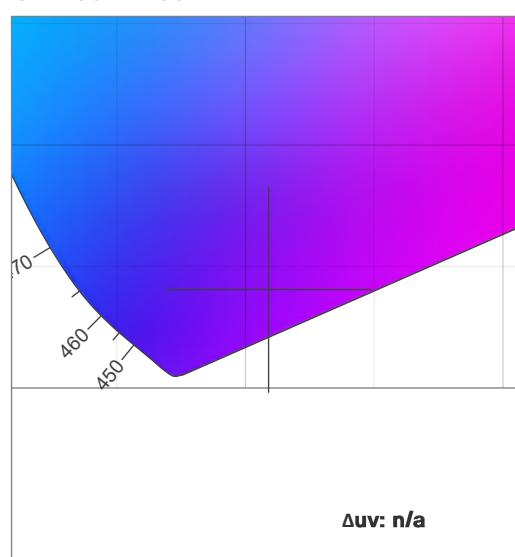
Maverick Force 2 Profile: 50% Zoom - Magenta - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.209	0.040

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.040	0.272

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

Maverick Force 2 Profile: 50% Zoom - Magenta - Full Power

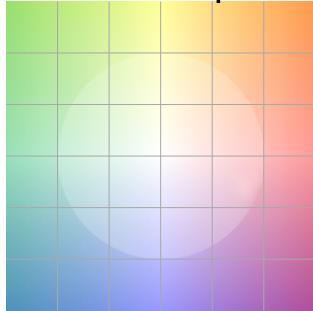
TM-30-18 Details

Rf 0.0

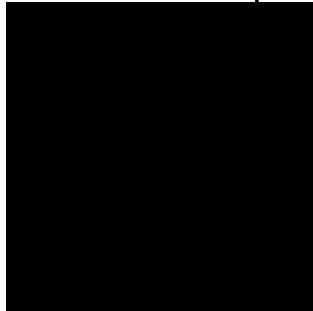
Fidelity Index (Rg)

Rg 0.0

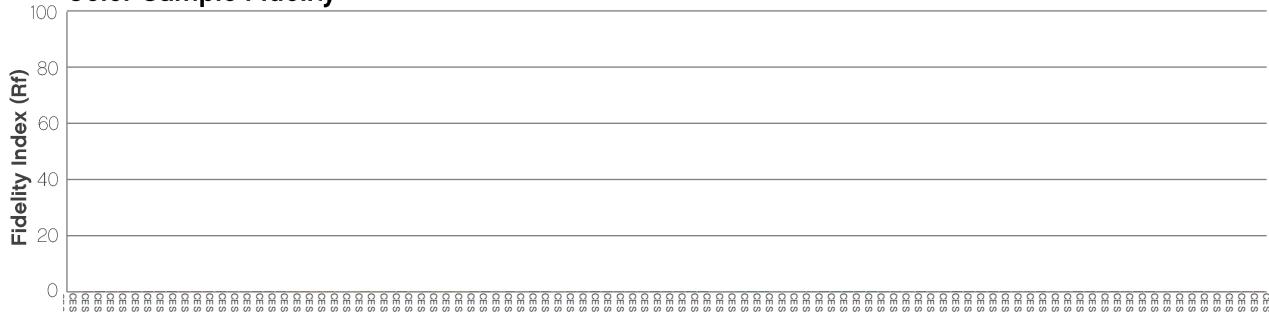
Color Vector Graphic



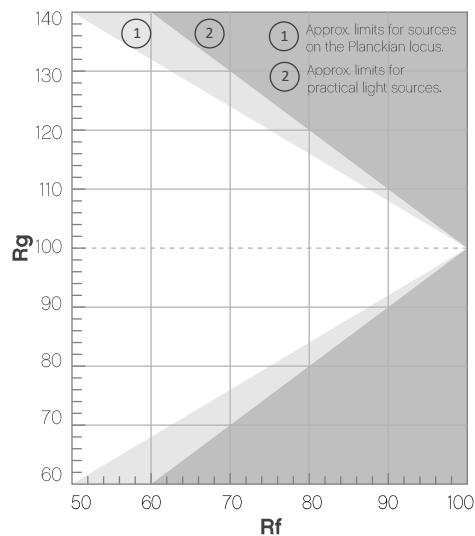
Color Distortion Graphic



Color Sample Fidelity



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%



Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power

Report Summary

Measurements

Total Lumens: 483 lm

Peak Intensity: 5647 cd

Fixture Efficacy: 1 lm/W

Correlated Color Temperature: 0K

Δu_v : n/a

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30-18 Rf: 0.0

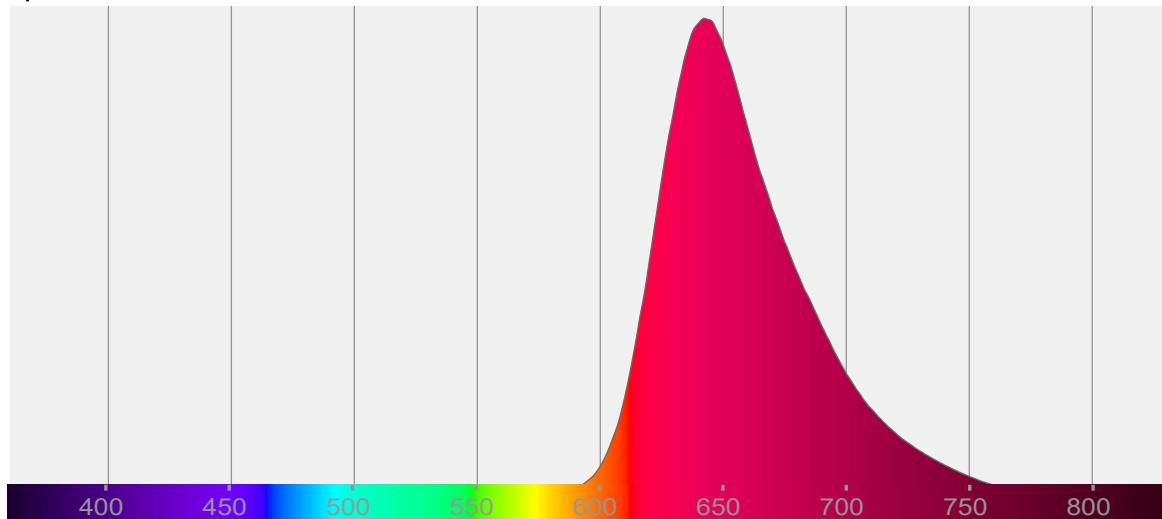
TM-30-18 Rg: 0.0

1st Dominant Wavelength: 642 nm

2nd Dominant Wavelength: n/a nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.696 Y: 0.302

Color Temperature

0 K

Light Quality

CRI: 0.0

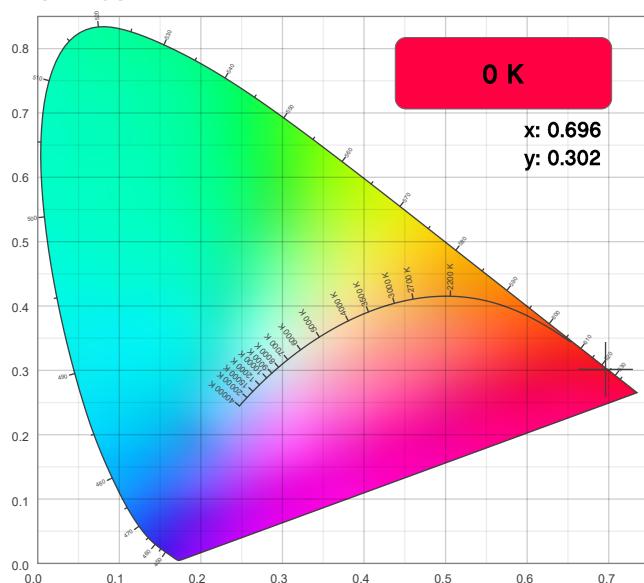
Notes:

Chromaticity Report

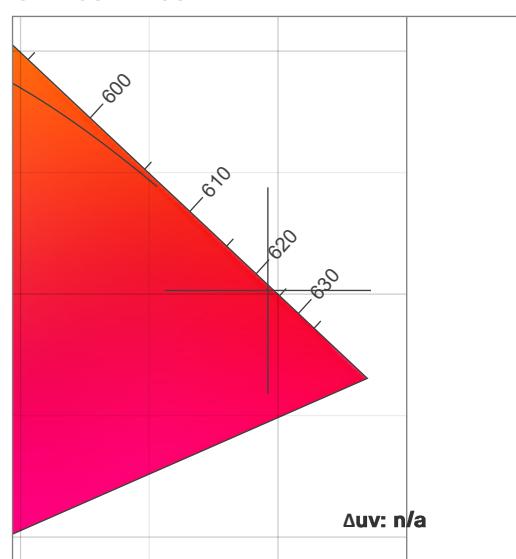
Maverick Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.696	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.533

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Magenta + Yellow - Full Power

TM-30-18 Details

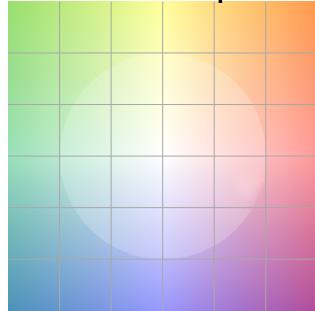
Rf 0.0

Fidelity Index
(Rg)

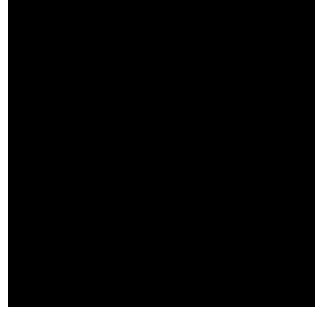
Rg 0.0

Gamut Index (Rg)

Color Vector Graphic



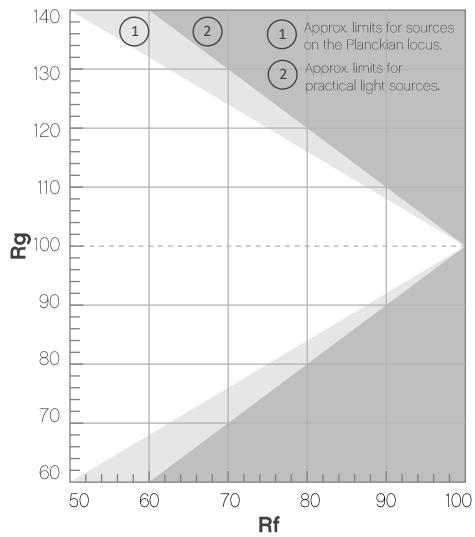
Color Distortion Graphic



Color Sample Fidelity



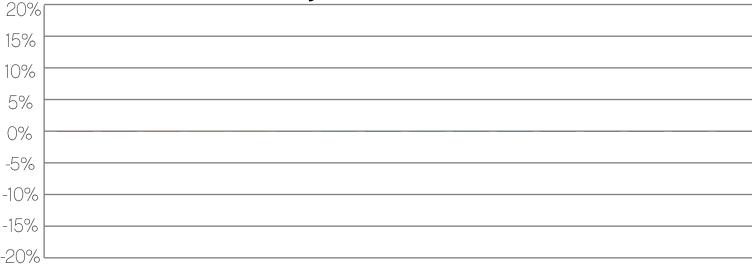
Hue Bin	<i>R_f</i>	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Yellow - Full Power

Report Summary

Measurements

Total Lumens: 14420 lm

Peak Intensity: 173383 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 3355K

Δu_v : 0.0379

CRI: 26.1 CRI R9 Value: -118.3

CQS: 0.2

TLCI: 2

TM-30-18 Rf: 6.5

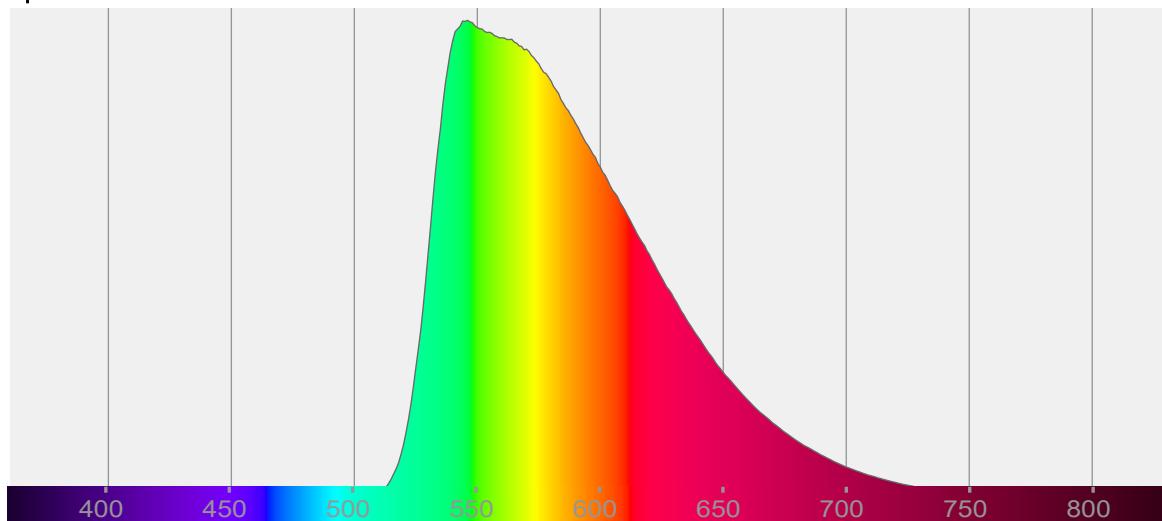
TM-30-18 Rg: 9.6

1st Dominant Wavelength: 546 nm

2nd Dominant Wavelength: n/a nm



Spectral Distribution



Tested Color

3355 K

CIE 1931 Coordinates:
X: 0.467 Y: 0.527

Color Temperature

3355 K

Light Quality

CRI: 26.1

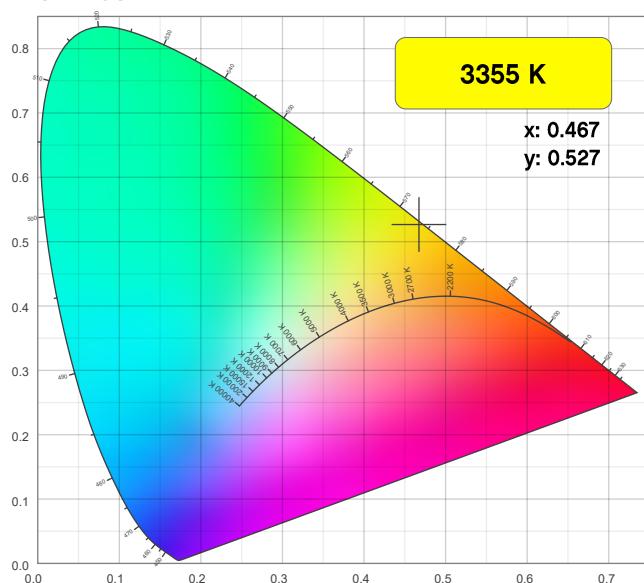
Notes:

Chromaticity Report

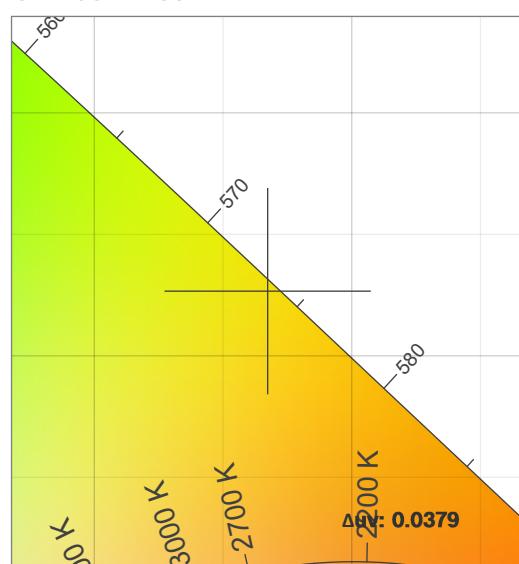
Maverick Force 2 Profile: 50% Zoom - Yellow - Full Power

Chromaticity

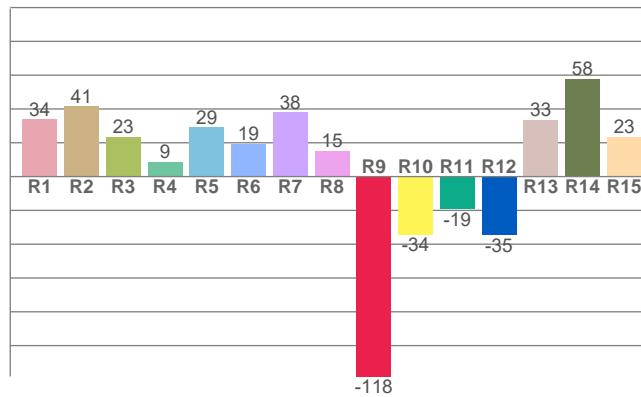
CIE 1931



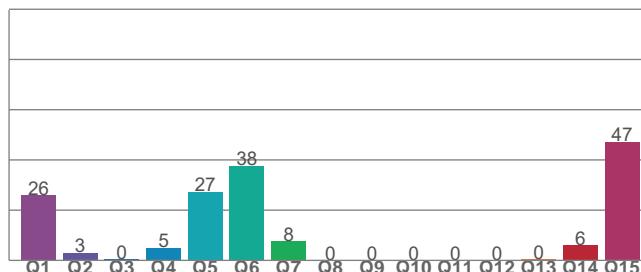
CIE 1931 - Zoom



CRI: 26.1 (R1-R8)



CQS: 0.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3355 K	0.467	0.527

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δu_v	y	u
0.0379	0.527	0.223

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
26.1	-118.3	0.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
2	6.5	9.6

Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Yellow - Full Power

TM-30-18 Details

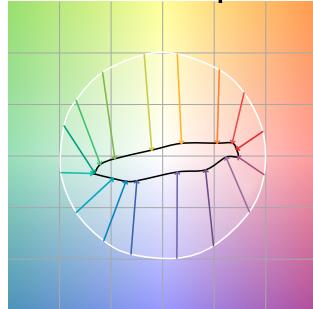
Rf 6.5

Fidelity Index
(Rg)

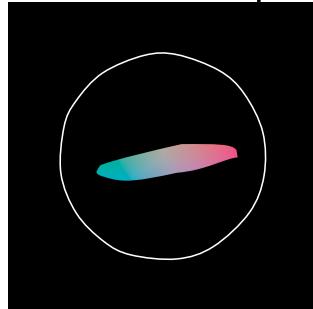
Rg 9.6

Gamut Index (Rg)

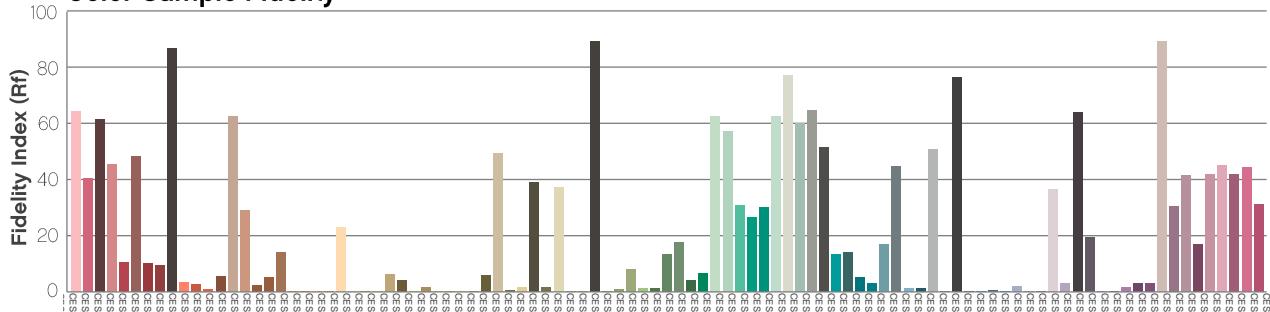
Color Vector Graphic



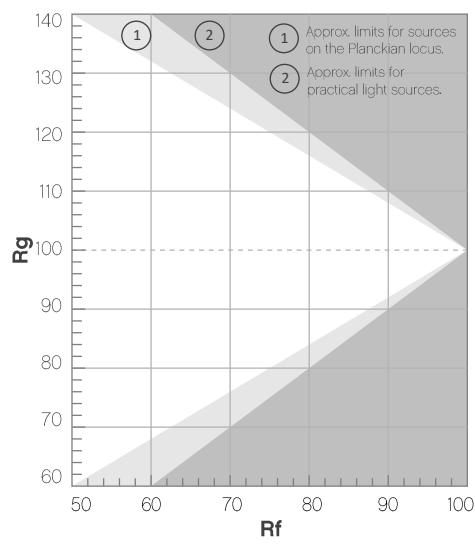
Color Distortion Graphic



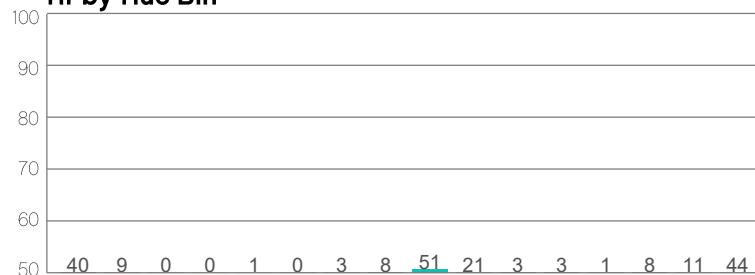
Color Sample Fidelity



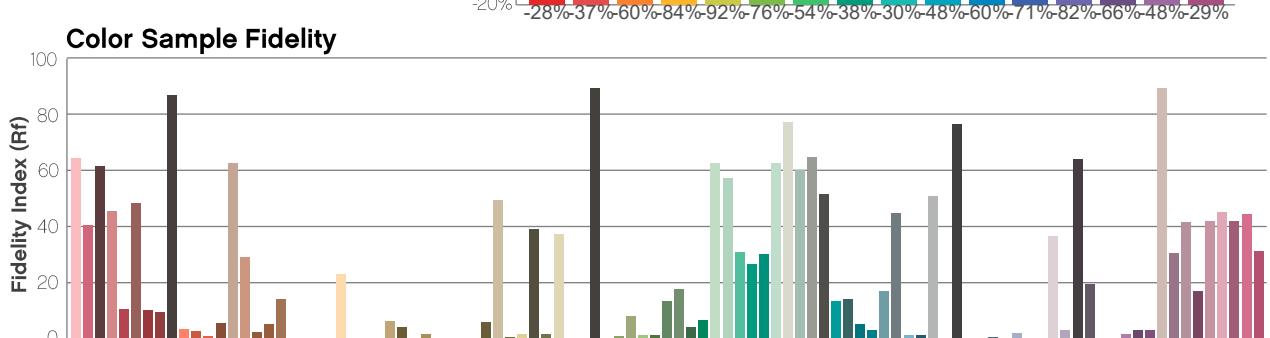
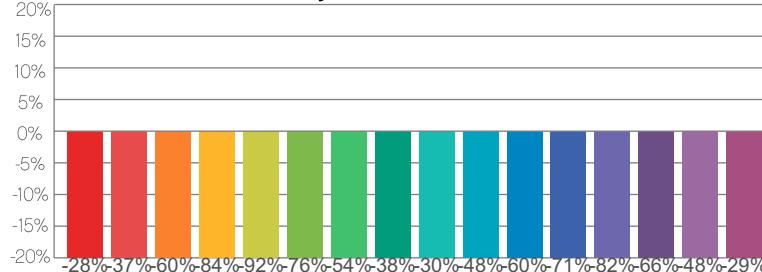
Hue Bin	R _f	Chroma Shift	Hue Shift
1	40	-28%	-12%
2	9	-37%	-34%
3	0	-60%	-38%
4	0	-84%	-21%
5	1	-92%	11%
6	0	-76%	37%
7	3	-54%	39%
8	8	-38%	39%
9	51	-30%	7%
10	21	-48%	-8%
11	3	-60%	-14%
12	3	-71%	-8%
13	1	-82%	17%
14	8	-66%	35%
15	11	-48%	31%
16	44	-29%	12%



Rf by Hue Bin



Local Chroma Shift by Hue Bin



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Chromaticity Report

Maverick Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power

Report Summary

Measurements

Total Lumens: 794 lm

Peak Intensity: 8890 cd

Fixture Efficacy: ffl lm/W

Correlated Color Temperature: 0K

Δu_v : n/a

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30-18 Rf: 0.0

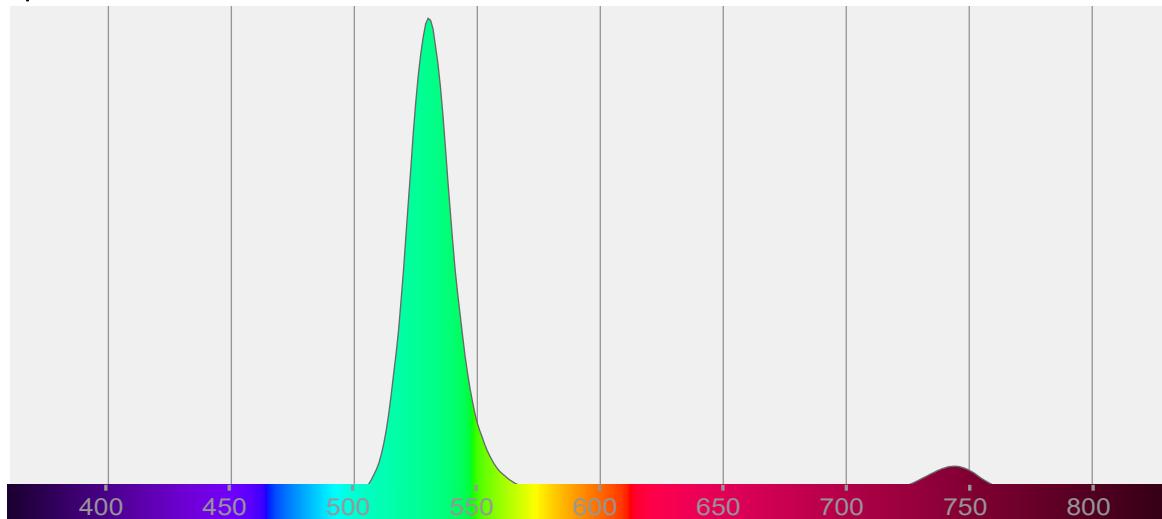
TM-30-18 Rg: 0.0

1st Dominant Wavelength: 530 nm

2nd Dominant Wavelength: 744 nm



Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.192 Y: 0.764

Color Temperature

0 K

Light Quality

CRI: 0.0

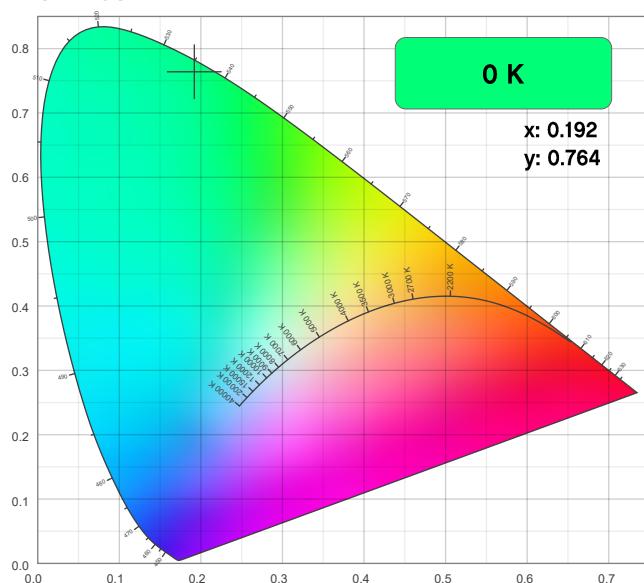
Notes:

Chromaticity Report

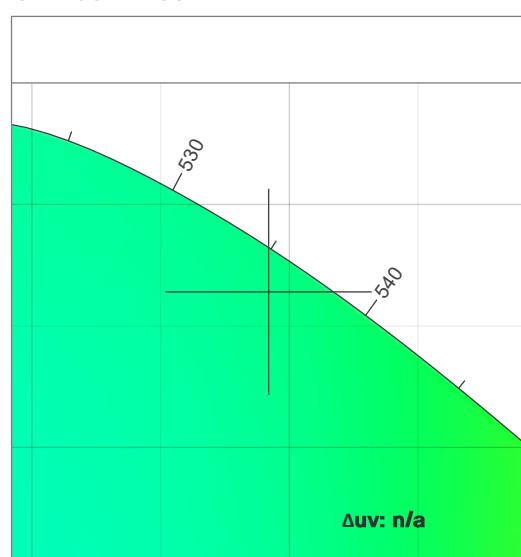
Maverick Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power

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

0	0	0	0	0	0	0	0	0	0	0	0	0	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	0.192	0.764

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.764	0.065

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

Maverick Force 2 Profile: 50% Zoom - Yellow + Cyan - Full Power

TM-30-18 Details

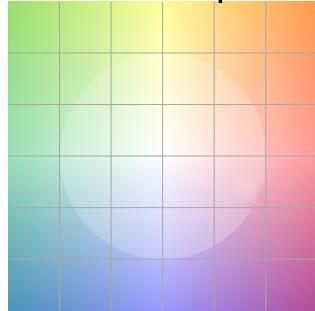
Rf 0.0

Fidelity Index
(Rg)

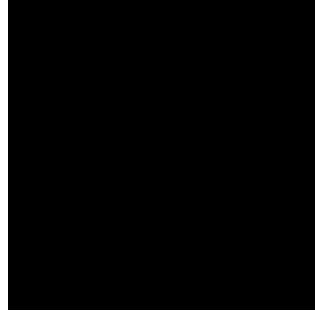
Rg 0.0

Gamut Index (Rg)

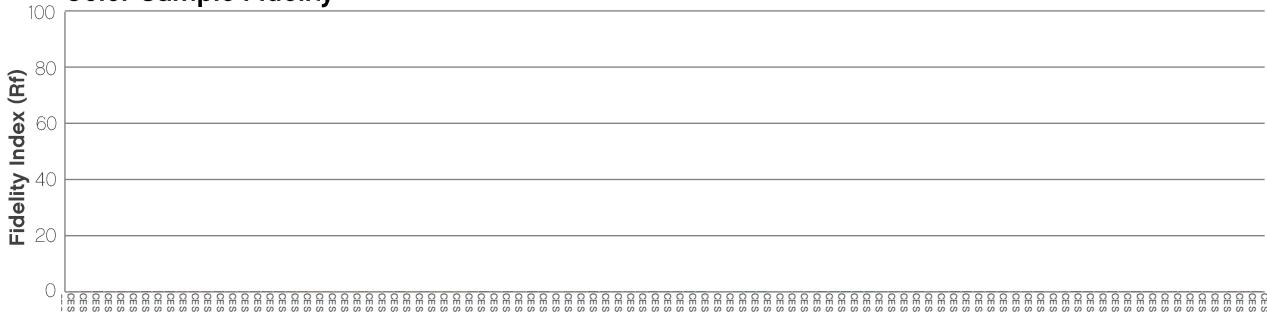
Color Vector Graphic



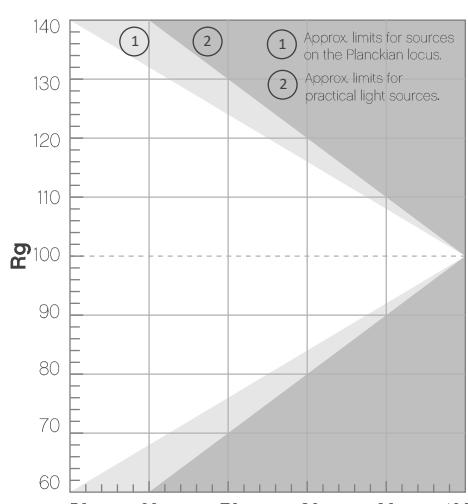
Color Distortion Graphic



Color Sample Fidelity



Hue Bin	Rf	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%



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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.