PHOTOMETRICS REPORT

MAVERICK FORCE 1SPOT

CHAUVET PROFESSIONAL

Table of Contents

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 1 Spot: Full Flood - Full Power

Report Summary

Output

Total Lumens: 21172 lm
Peak Intensity: 44834 cd
Illuminance @ 5m: 1793 lux
Fixture Efficacy: 32 lm/W

Optical

Horizontal Beam Angle (50%): 45.7°
Vertical Beam Angle (50%): 45.7°
Horizontal Field Angle (10%): 53°
Vertical Field Angle (10%): 53°
Horizontal Cutoff Angle (3%): 54.4°
Vertical Cutoff Angle (3%): 54.4°

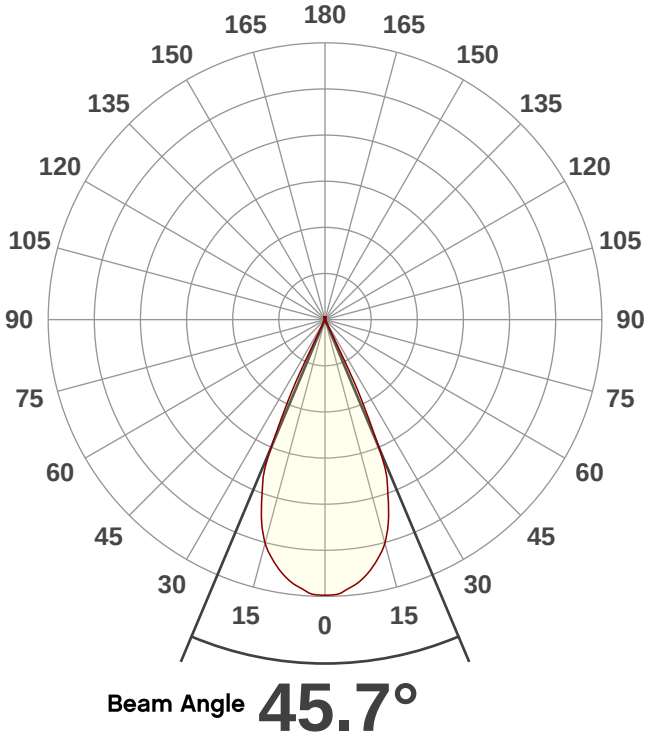
Conditions

AC Supply: 120 V, 0 Hz
Power: 660.01 W
Current: 5.50 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

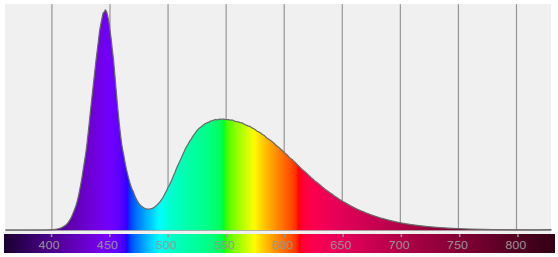
Overall Measurement

Angular Beam Distribution

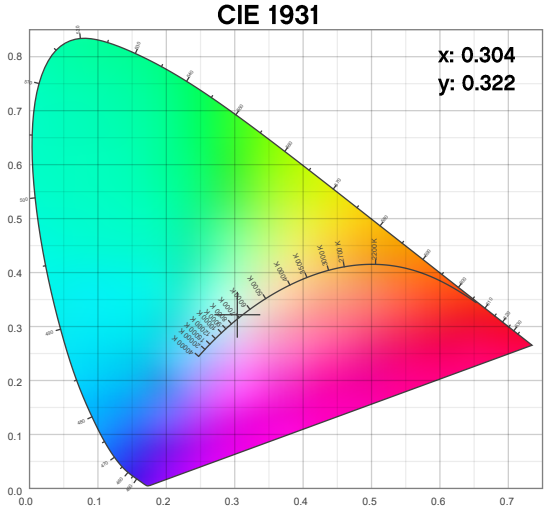


Beam Angle **45.7°**

Spectral Distribution



CIE 1931



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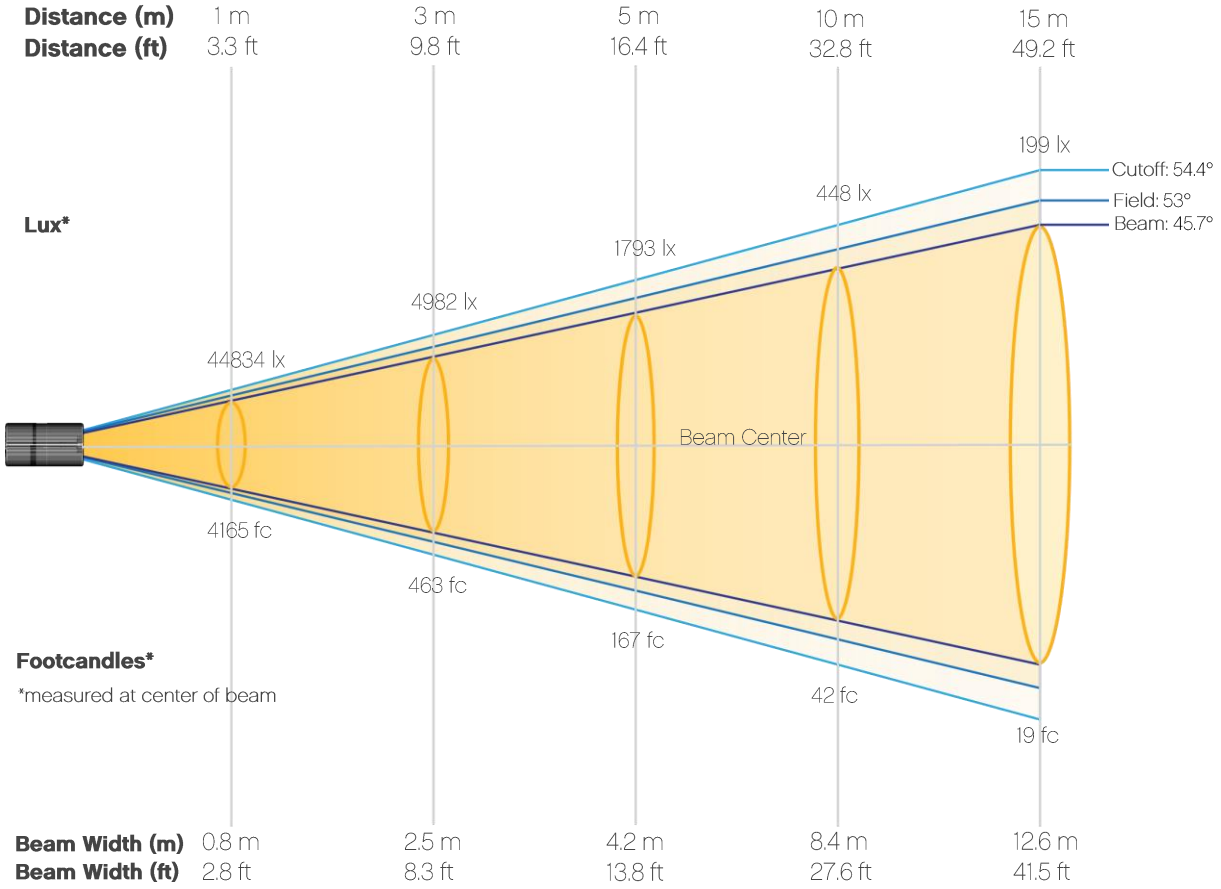
Photometric Report

Maverick Force 1 Spot: Full Flood - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	44834	11209	4982	2802	1793	1245	915	701	554	448
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	371	311	265	229	199	175	155	138	124	112
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4165	1041	463	260	167	116	85	65	51	42
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	34	29	25	21	19	16	14	13	12	10

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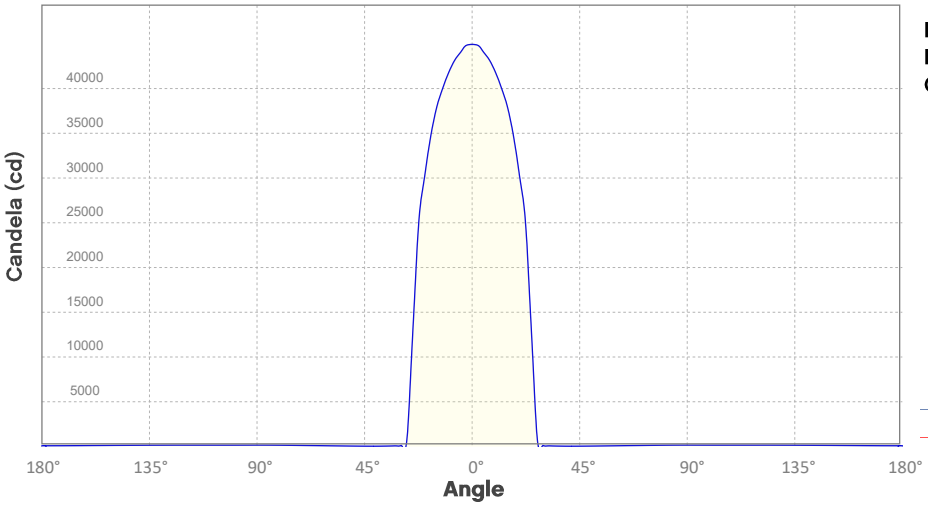
Photometric Report

Maverick Force 1 Spot: Full Flood - Full Power

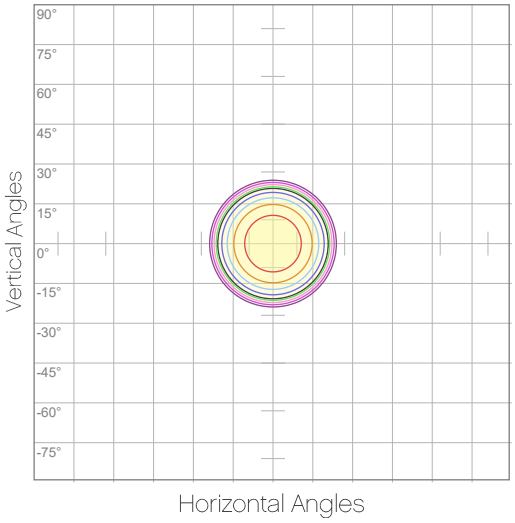
Candela Plot



Beam Angle (50%): 45.7°
Field Angle (10%): 53°
Cutoff Angle (3%): 54.4°

Horizontal Distribution
Vertical Distribution

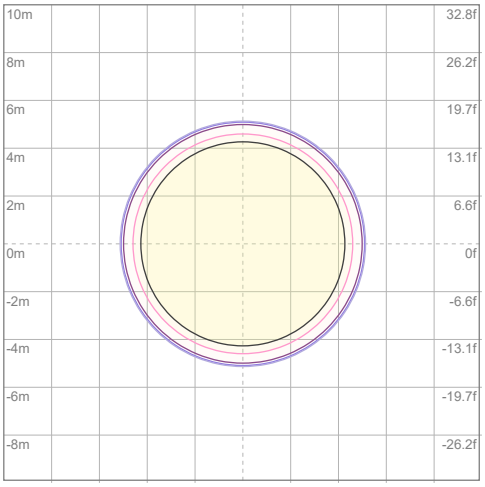
Polar Diagrams



iso-candela Diagram

10%	4483 cd
20%	8967 cd
30%	13450 cd
40%	17934 cd
50%	22417 cd
60%	26901 cd
70%	31384 cd
80%	35868 cd
90%	40351 cd

Conditions:
Number of c-planes: 2
Candela at center: 44834 cd



iso-illuminance Diagram

3%	13.5 lx
5%	22.4 lx
10%	44.8 lx
30%	135 lx
50%	224 lx

Conditions:
Number of c-planes: 2
Lux at center: 448 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - Full Power

Report Summary

Output

Total Lumens: 8104 lm
Peak Intensity: 17180 cd
Illuminance @ 5m: 687 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 45.9°
Vertical Beam Angle (50%): 45.9°
Horizontal Field Angle (10%): 53.3°
Vertical Field Angle (10%): 53.3°
Horizontal Cutoff Angle (3%): 54.9°
Vertical Cutoff Angle (3%): 54.9°

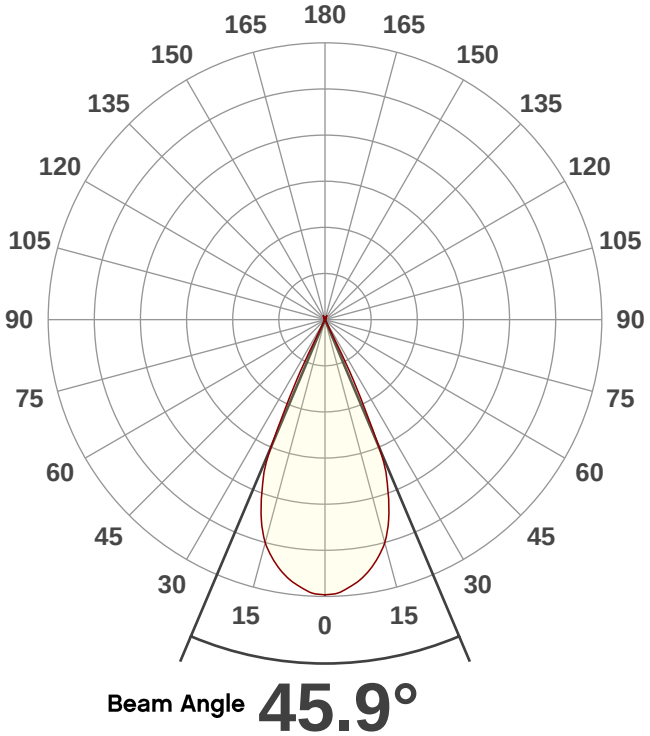
Conditions

AC Supply: 121 V, 0 Hz
Power: 660.1 W
Current: 5.45 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

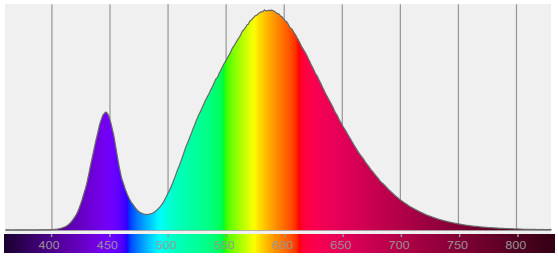
Overall Measurement

Angular Beam Distribution

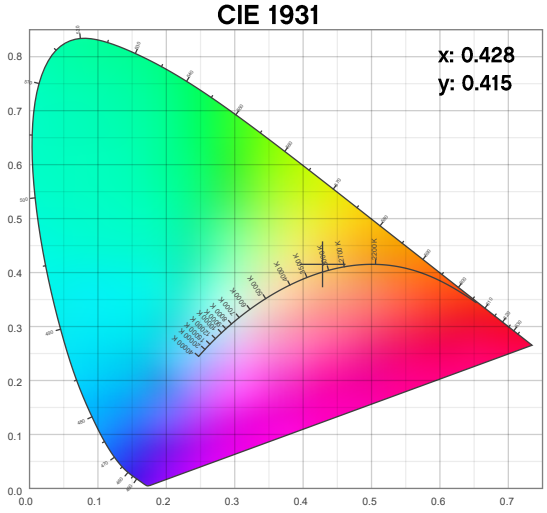


Beam Angle **45.9°**

Spectral Distribution



CIE 1931



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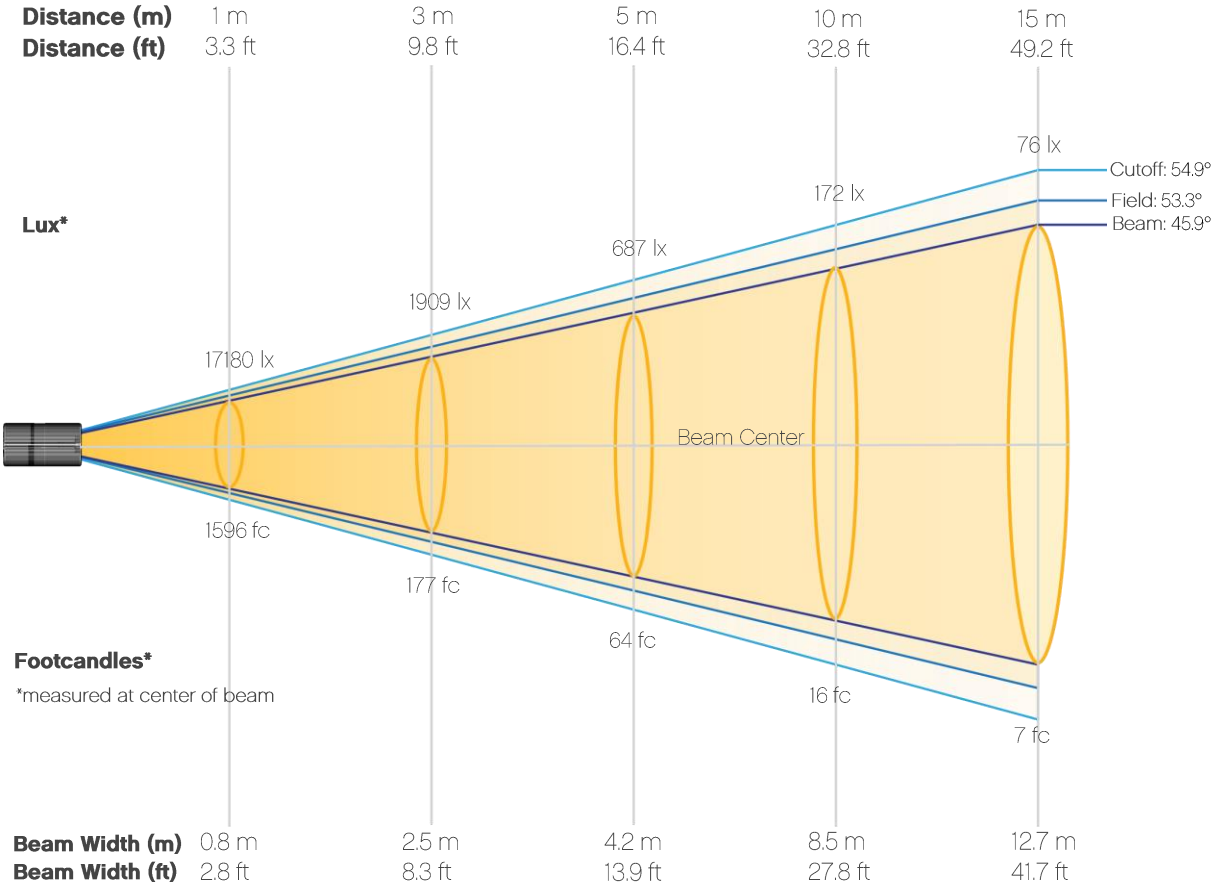
Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17180	4295	1909	1074	687	477	351	268	212	172
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	142	119	102	88	76	67	59	53	48	43
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1596	399	177	100	64	44	33	25	20	16
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	13	11	9	8	7	6	6	5	4	4

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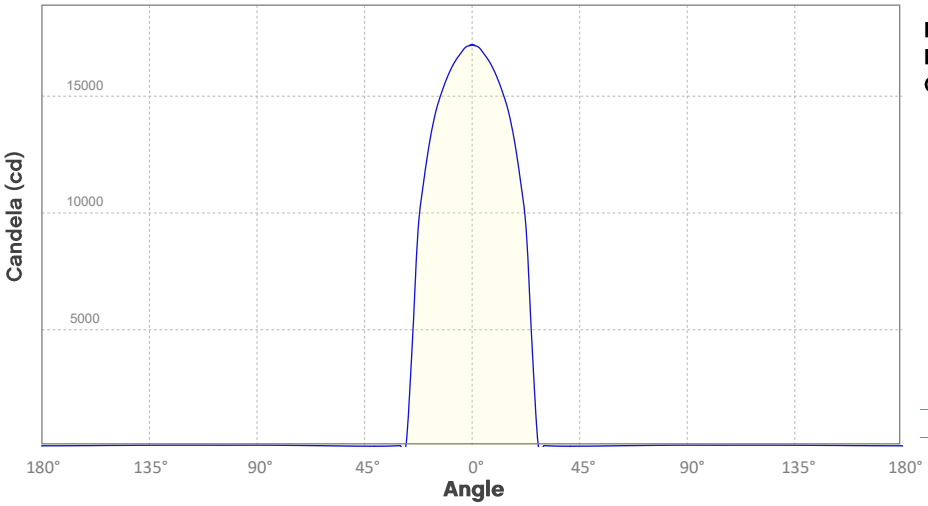
Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - Full Power

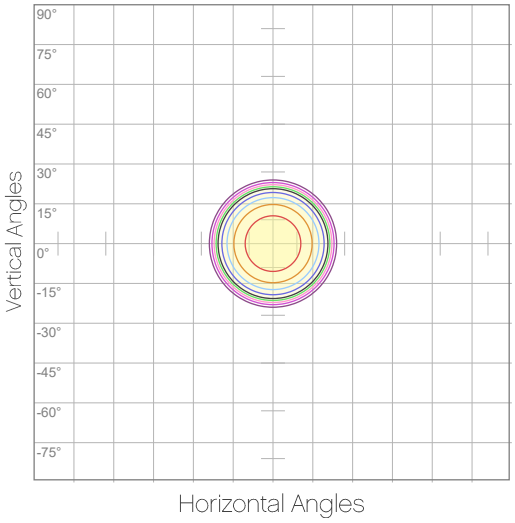
Candela Plot



Beam Angle (50%): 45.9°
Field Angle (10%): 53.3°
Cutoff Angle (3%): 54.9°

Horizontal Distribution
Vertical Distribution

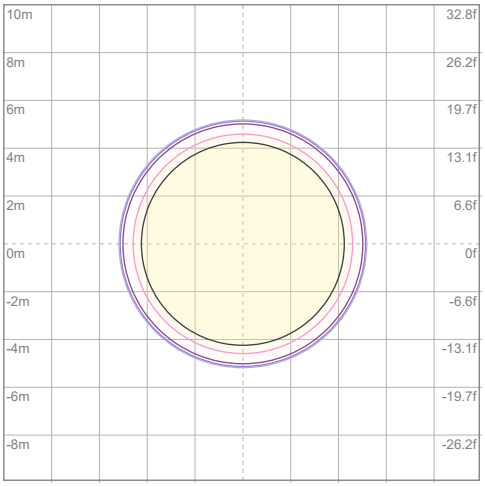
Polar Diagrams



iso-candela Diagram

10%	1718 cd
20%	3436 cd
30%	5154 cd
40%	6872 cd
50%	8590 cd
60%	10308 cd
70%	12026 cd
80%	13744 cd
90%	15462 cd

Conditions:
Number of c-planes: 2
Candela at center: 17180 cd



iso-illuminance Diagram

3%	5.15 lx
5%	8.59 lx
10%	17.2 lx
30%	51.5 lx
50%	85.9 lx

Conditions:
Number of c-planes: 2
Lux at center: 172 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Flood - TV35

Report Summary

Output
Total Lumens: 10067 lm
Peak Intensity: 21429 cd
Illuminance @ 5m: 857 lux
Fixture Efficacy: 15 lm/W

Optical
Horizontal Beam Angle (50%): 45.9°
Vertical Beam Angle (50%): 45.9°
Horizontal Field Angle (10%): 53°
Vertical Field Angle (10%): 53°
Horizontal Cutoff Angle (3%): 55.8°
Vertical Cutoff Angle (3%): 55.8°

Conditions
AC Supply: 122 V, 0 Hz
Power: 659.95 W
Current: 5.43 A
Power Factor: 1.0

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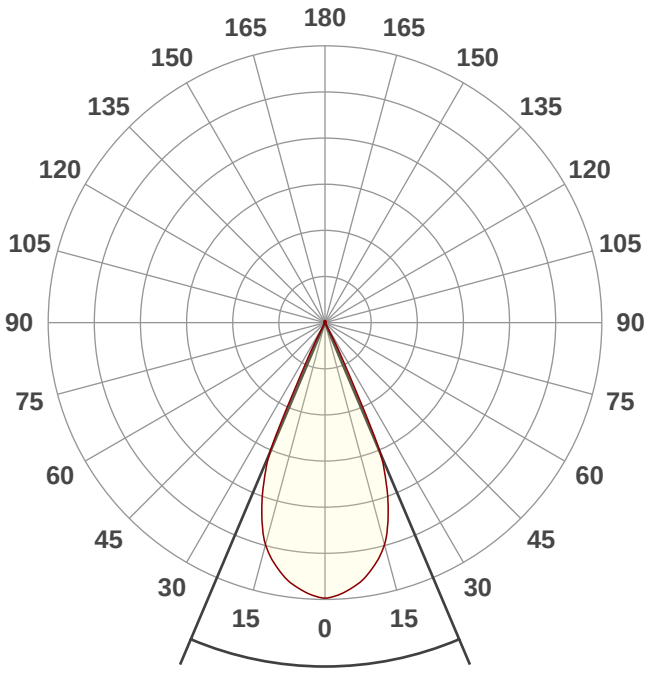
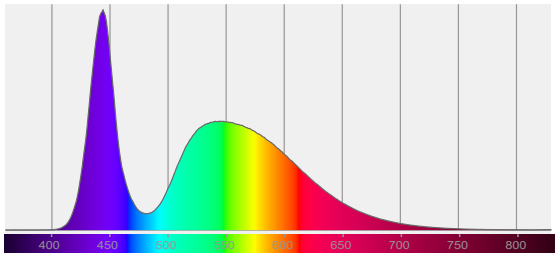
Overall Measurement

Angular Beam Distribution

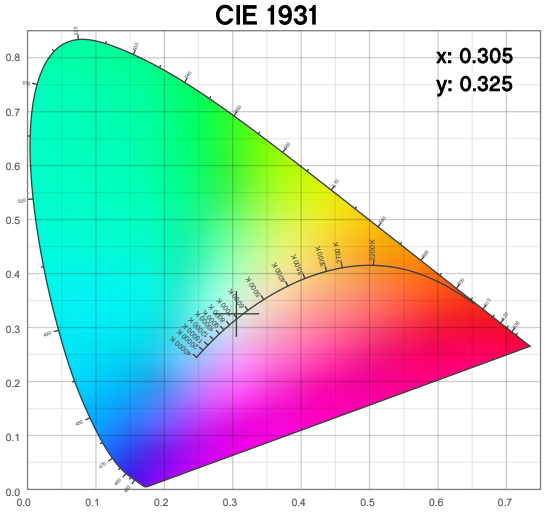


Beam Angle 45.9°

Spectral Distribution



CIE 1931



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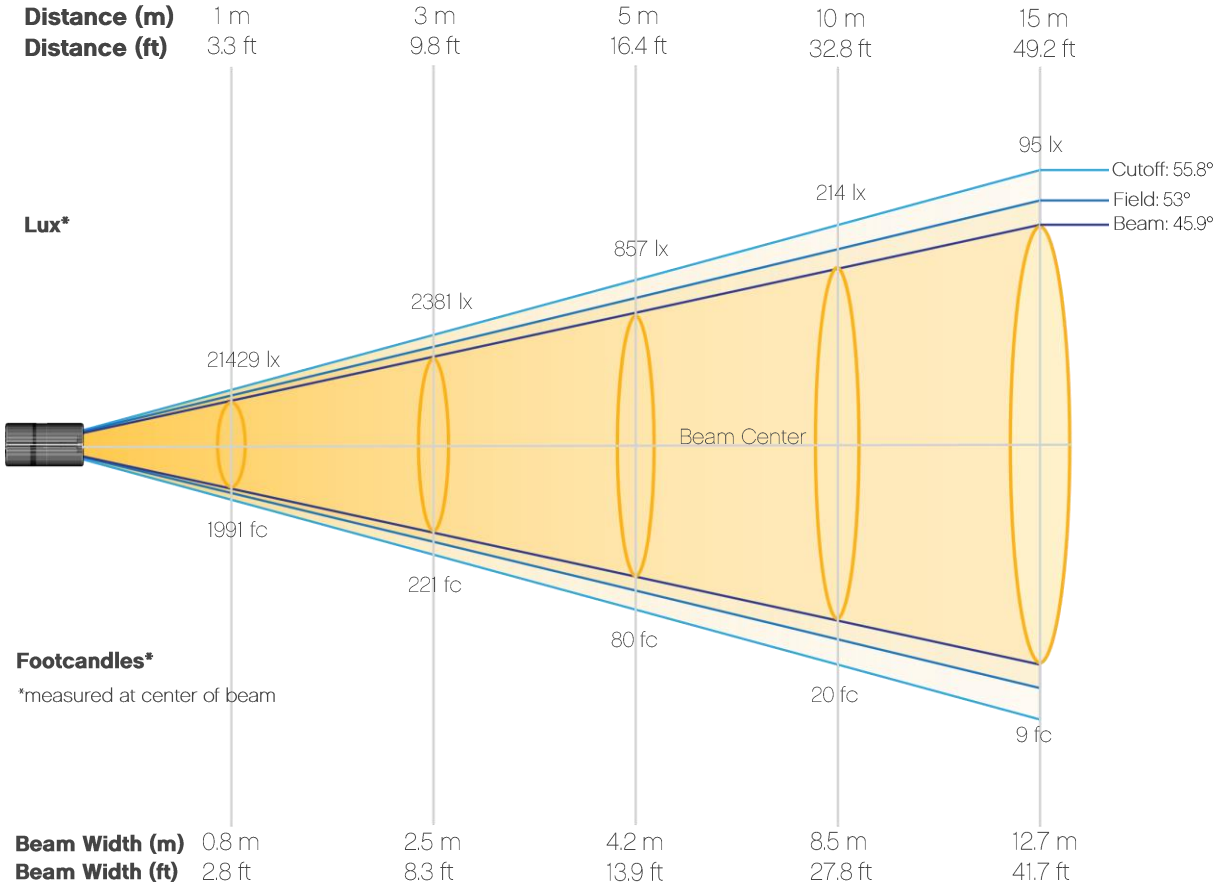
Photometric Report

Maverick Force 1 Spot: Full Flood - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	21429	5357	2381	1339	857	595	437	335	265	214
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	177	149	127	109	95	84	74	66	59	54
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1991	498	221	124	80	55	41	31	25	20
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	16	14	12	10	9	8	7	6	6	5

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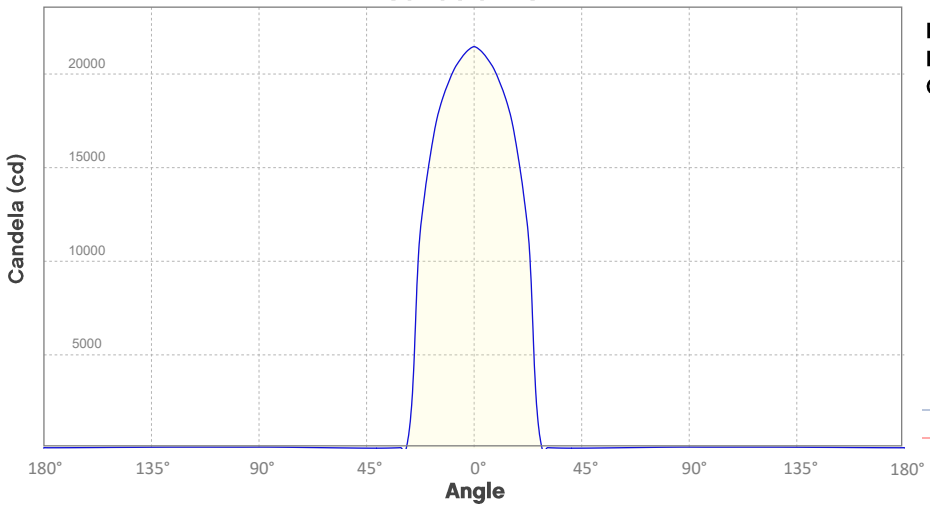
Photometric Report

Maverick Force 1 Spot: Full Flood - TV35

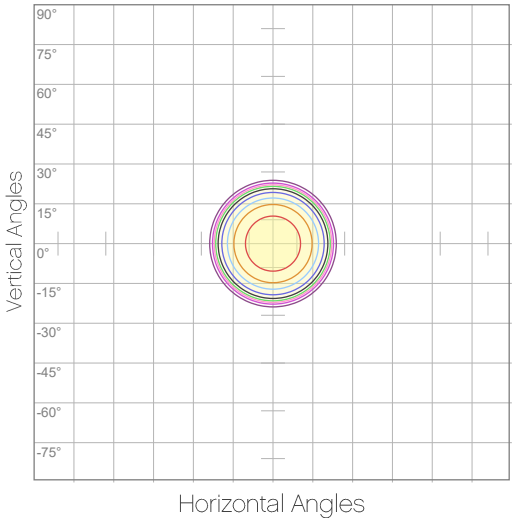
Candela Plot



Beam Angle (50%): 45.9°
Field Angle (10%): 53°
Cutoff Angle (3%): 55.8°

Horizontal Distribution
Vertical Distribution

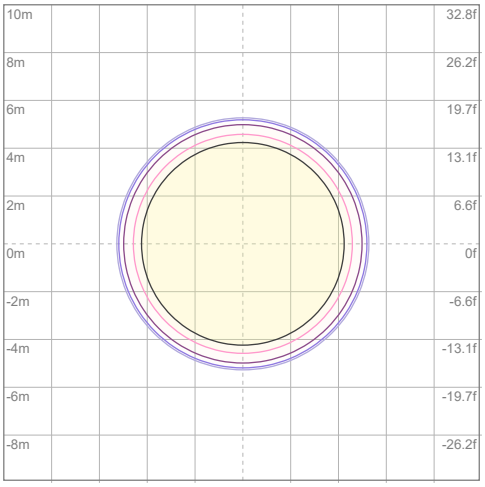
Polar Diagrams



iso-candela Diagram

10%	2143 cd
20%	4286 cd
30%	6429 cd
40%	8572 cd
50%	10715 cd
60%	12858 cd
70%	15000 cd
80%	17143 cd
90%	19286 cd

Conditions:
Number of c-planes: 2
Candela at center: 21429 cd



iso-illuminance Diagram

3%	6.43 lx
5%	10.7 lx
10%	21.4 lx
30%	64.3 lx
50%	107 lx

Conditions:
Number of c-planes: 2
Lux at center: 214 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - TV35

Report Summary

Output
Total Lumens: 3898 lm
Peak Intensity: 8248 cd
Illuminance @ 5m: 330 lux
Fixture Efficacy: 6 lm/W

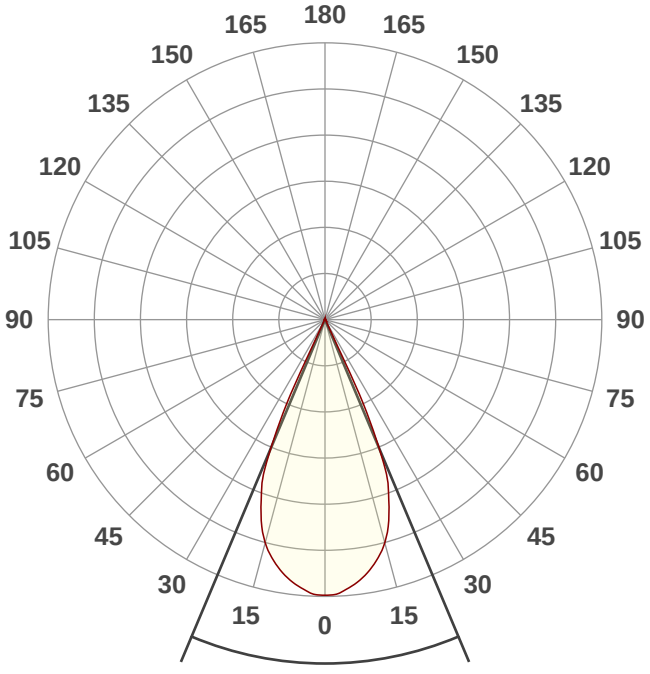
Optical
Horizontal Beam Angle (50%): 45.7°
Vertical Beam Angle (50%): 45.7°
Horizontal Field Angle (10%): 52.8°
Vertical Field Angle (10%): 52.8°
Horizontal Cutoff Angle (3%): 54.1°
Vertical Cutoff Angle (3%): 54.1°

Conditions
AC Supply: 122 V, 0 Hz
Power: 660.03 W
Current: 5.43 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

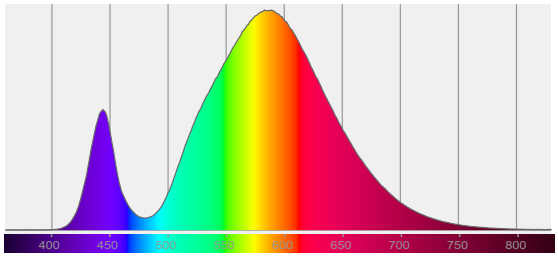
Overall Measurement

Angular Beam Distribution

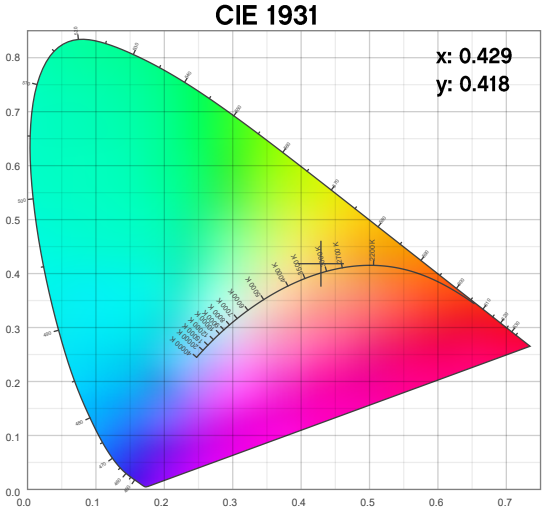


Beam Angle **45.7°**

Spectral Distribution



CIE 1931



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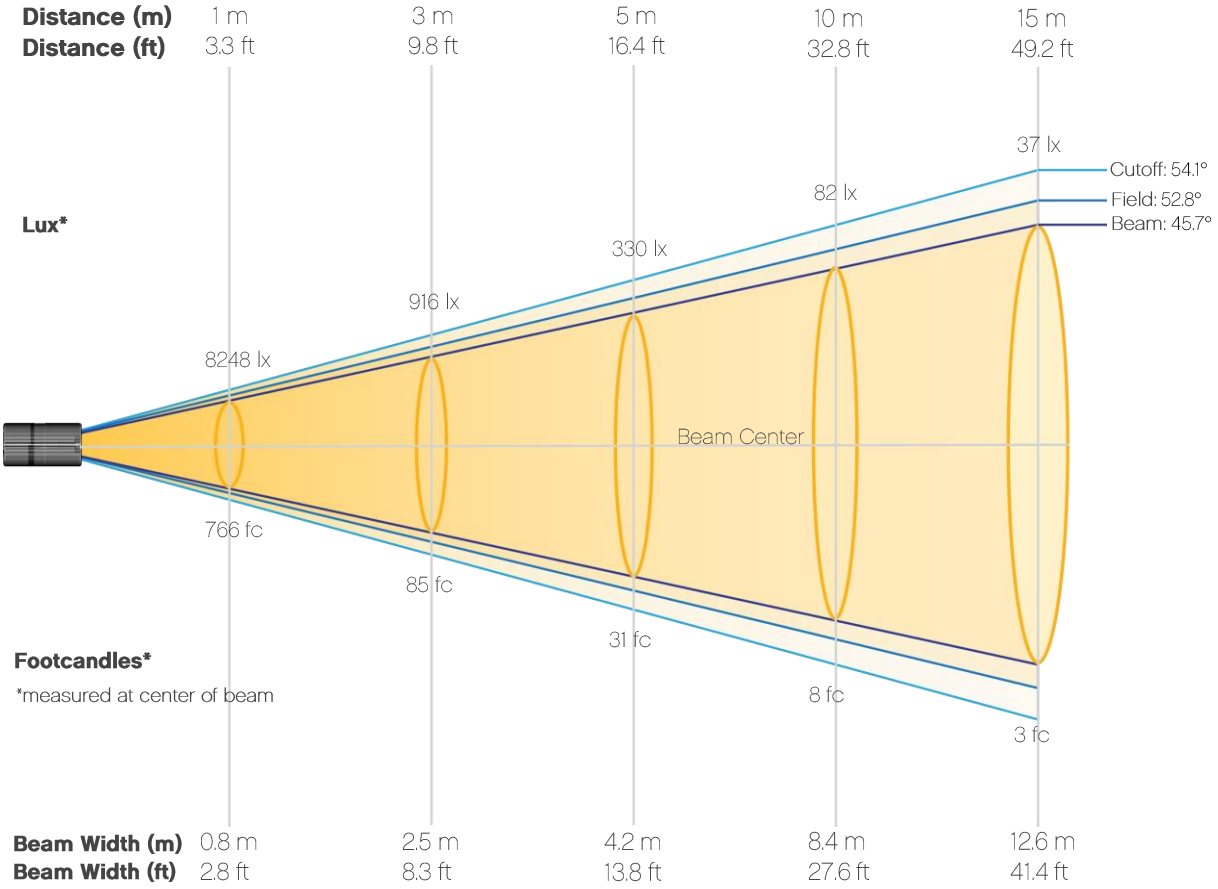
Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8248	2062	916	516	330	229	168	129	102	82
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	68	57	49	42	37	32	29	25	23	21
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	766	192	85	48	31	21	16	12	9	8
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	5	4	3	3	3	2	2	2

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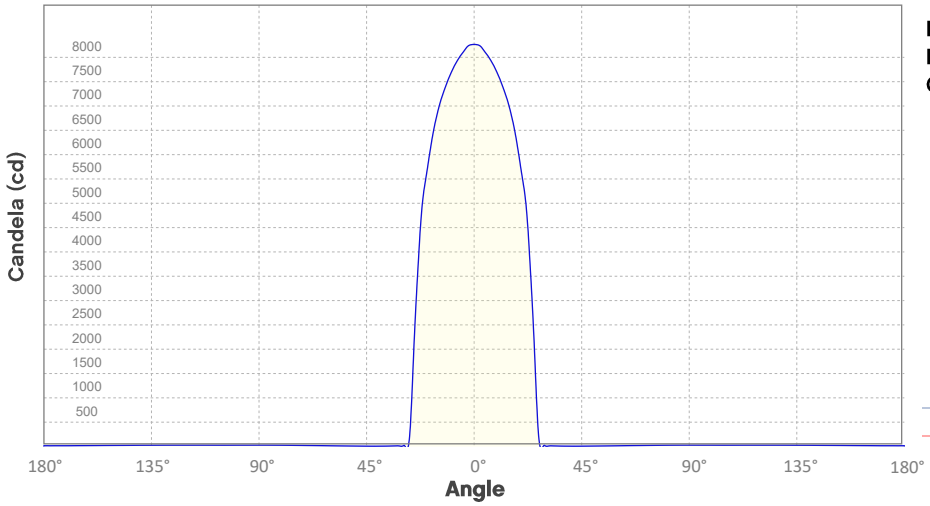
Photometric Report

Maverick Force 1 Spot: Full Flood with CTO - TV35

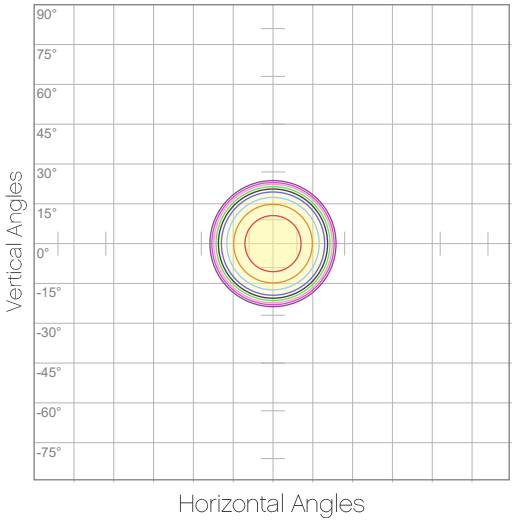
Candela Plot



Beam Angle (50%): 45.7°
Field Angle (10%): 52.8°
Cutoff Angle (3%): 54.1°

Horizontal Distribution
Vertical Distribution

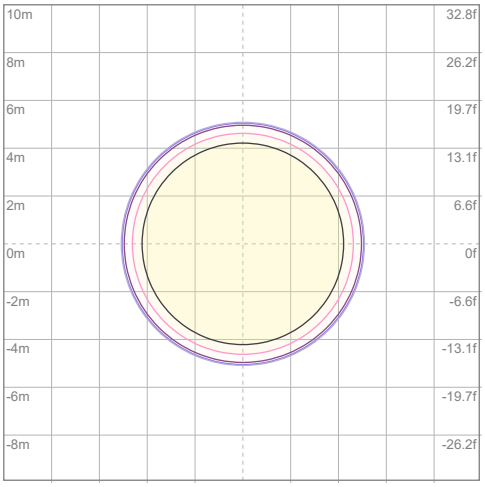
Polar Diagrams



iso-candela Diagram

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

Conditions:
Number of c-planes: 2
Candela at center: 8248 cd



iso-illuminance Diagram

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

Conditions:
Number of c-planes: 2
Lux at center: 82.5 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Flood - TV25

Report Summary

Output

Total Lumens: 12384 lm
Peak Intensity: 26302 cd
Illuminance @ 5m: 1052 lux
Fixture Efficacy: 19 lm/W

Optical

Horizontal Beam Angle (50%): 45.6°
Vertical Beam Angle (50%): 45.6°
Horizontal Field Angle (10%): 52.9°
Vertical Field Angle (10%): 52.9°
Horizontal Cutoff Angle (3%): 54.2°
Vertical Cutoff Angle (3%): 54.2°

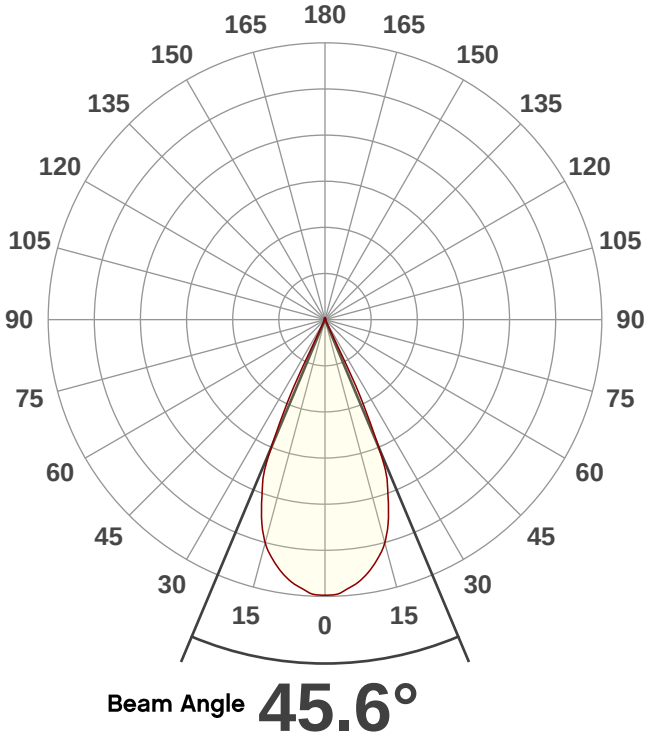
Conditions

AC Supply: 121 V, 0 Hz
Power: 660.05 W
Current: 5.44 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

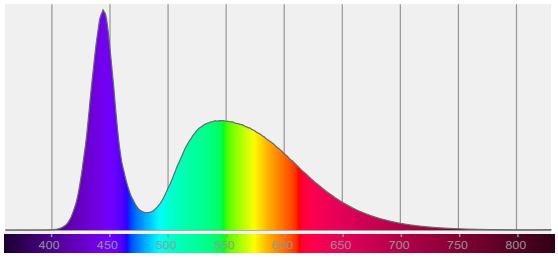
Overall Measurement

Angular Beam Distribution

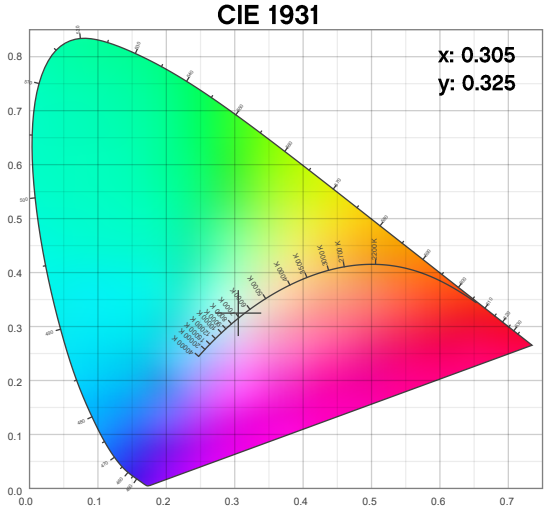


Beam Angle **45.6°**

Spectral Distribution



CIE 1931



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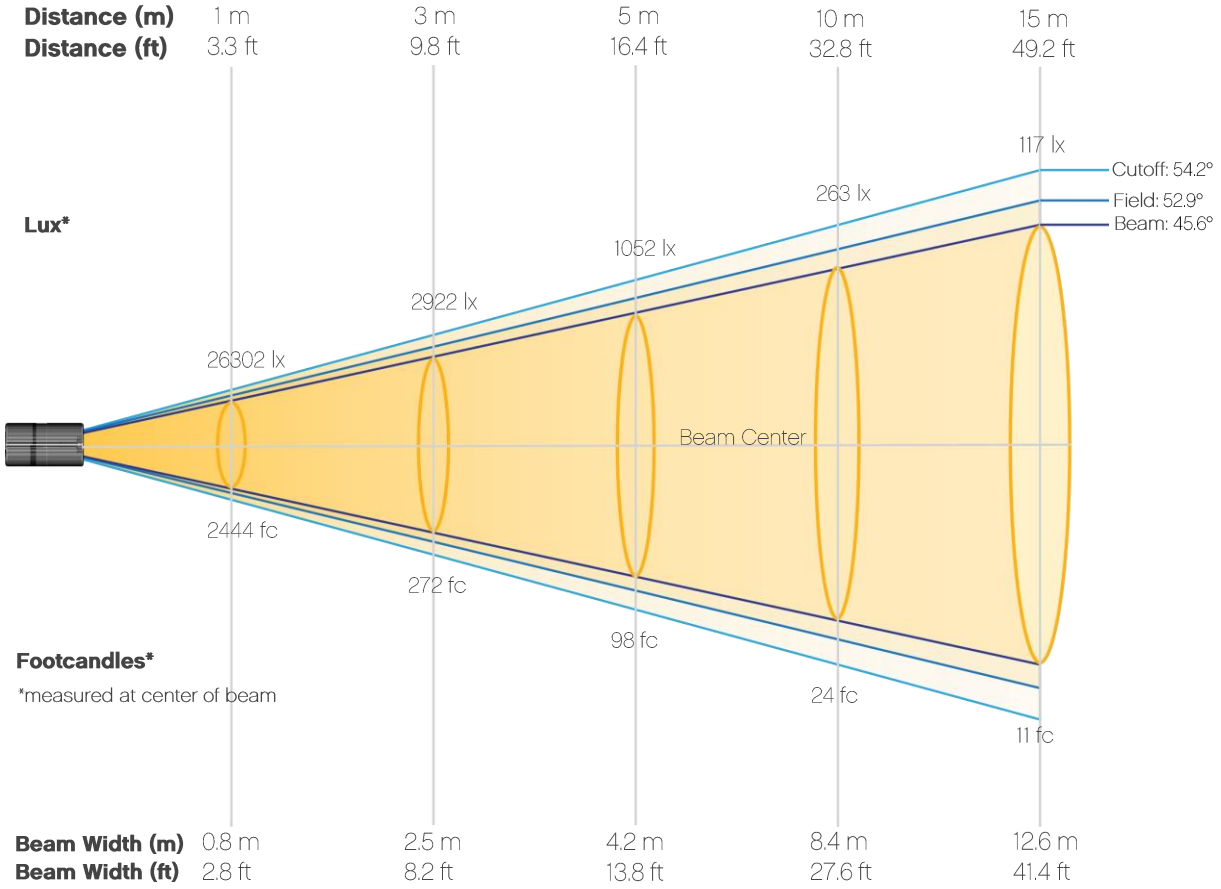
Photometric Report

Maverick Force 1 Spot: Full Flood - TV25

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26302	6576	2922	1644	1052	731	537	411	325	263
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	217	183	156	134	117	103	91	81	73	66
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2444	611	272	153	98	68	50	38	30	24
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	20	17	14	12	11	10	8	8	7	6

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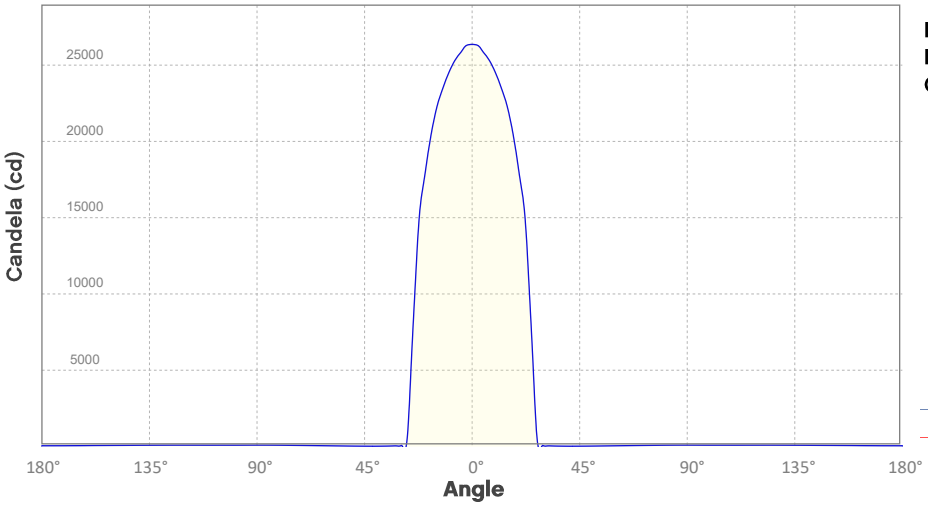
Photometric Report

Maverick Force 1 Spot: Full Flood - TV25

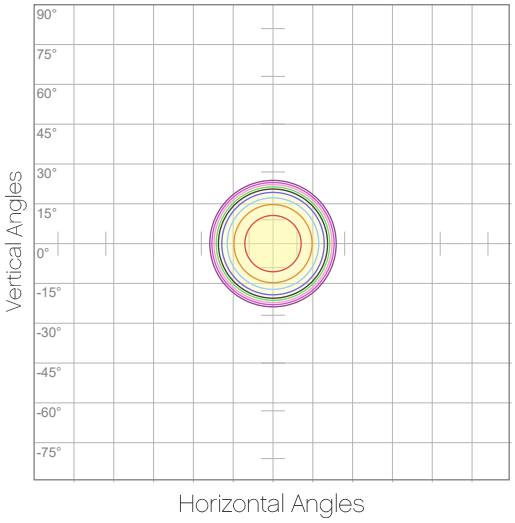
Candela Plot



Beam Angle (50%): 45.6°
Field Angle (10%): 52.9°
Cutoff Angle (3%): 54.2°

Horizontal Distribution
Vertical Distribution

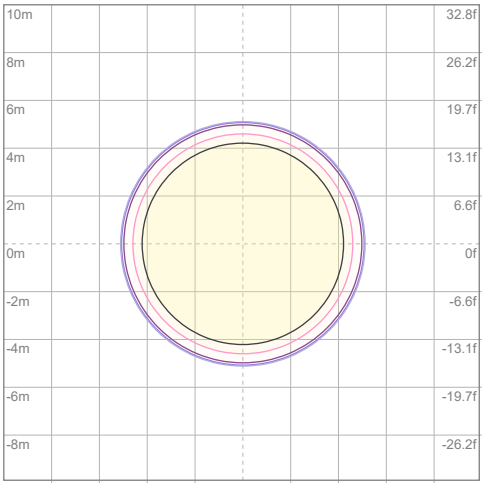
Polar Diagrams



iso-candela Diagram

10%	2630 cd
20%	5260 cd
30%	7891 cd
40%	10521 cd
50%	13151 cd
60%	15781 cd
70%	18412 cd
80%	21042 cd
90%	23672 cd

Conditions:
Number of c-planes: 2
Candela at center: 26302 cd



iso-illuminance Diagram

3%	7.89 lx
5%	13.2 lx
10%	26.3 lx
30%	78.9 lx
50%	132 lx

Conditions:
Number of c-planes: 2
Lux at center: 263 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot - Full Power

Report Summary

Output

Total Lumens: 10993 lm
Peak Intensity: 1087119 cd
Illuminance @ 5m: 43485 lux
Fixture Efficacy: 17 lm/W

Optical

Horizontal Beam Angle (50%): 6.3°
Vertical Beam Angle (50%): 6.3°
Horizontal Field Angle (10%): 7.3°
Vertical Field Angle (10%): 7.3°
Horizontal Cutoff Angle (3%): 7.6°
Vertical Cutoff Angle (3%): 7.6°

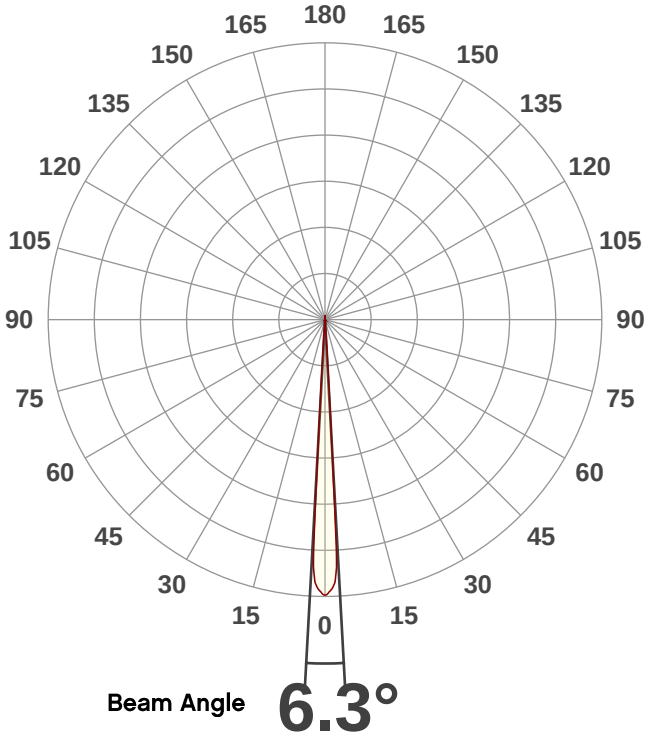
Conditions

AC Supply: 120 V, 0 Hz
Power: 660.0 W
Current: 5.51 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

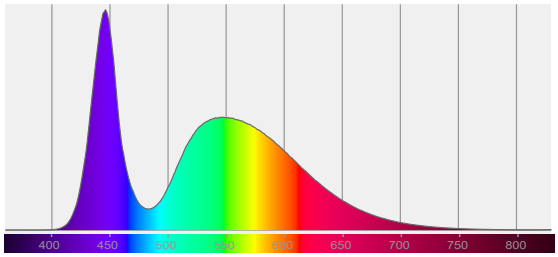
Overall Measurement

Angular Beam Distribution

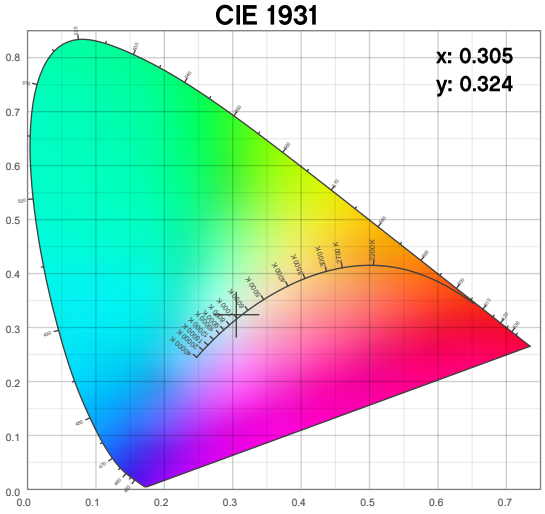


Beam Angle **6.3°**

Spectral Distribution



CIE 1931



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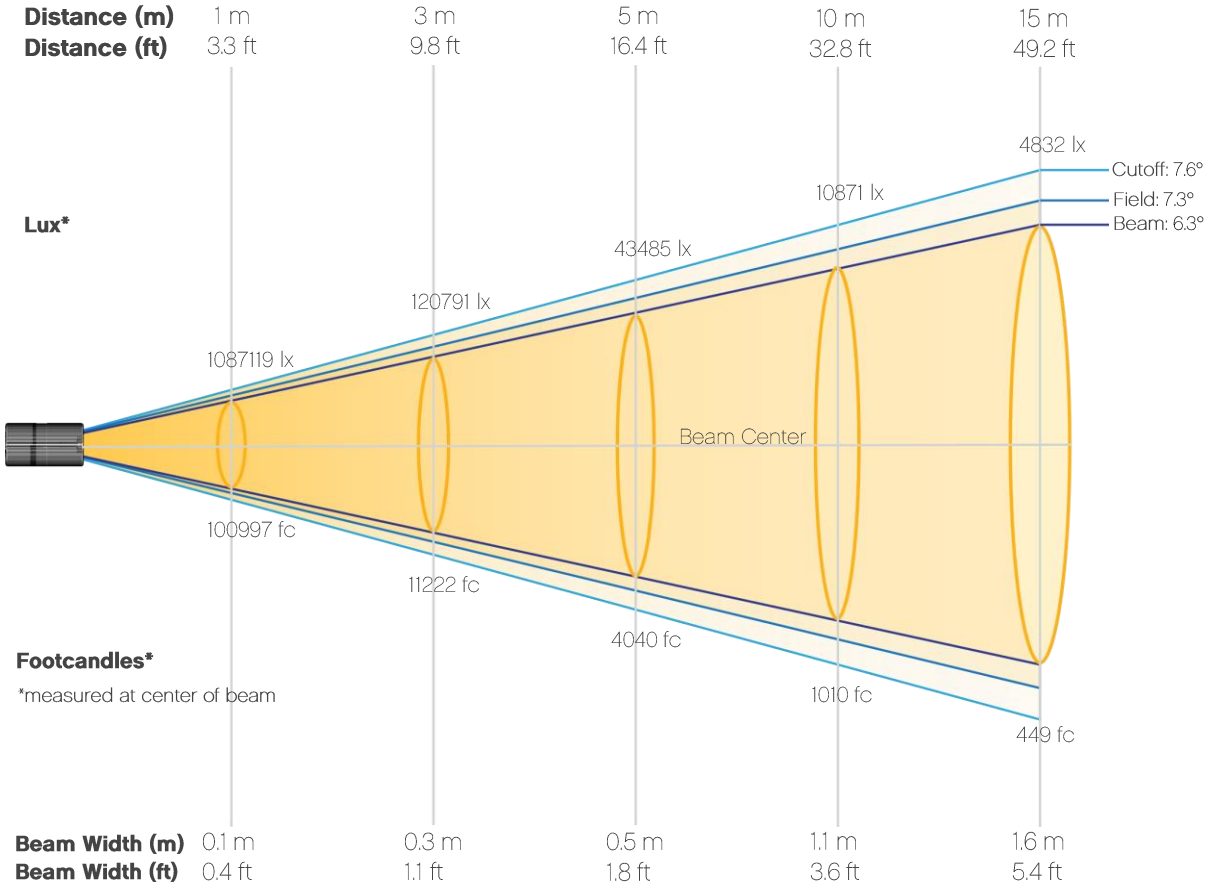
Photometric Report

Maverick Force 1 Spot: 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	1087119	271780	120791	67945	43485	30198	22186	16986	13421	10871
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	8984	7549	6433	5547	4832	4247	3762	3355	3011	2718
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	100997	25249	11222	6312	4040	2805	2061	1578	1247	1010
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	835	701	598	515	449	395	349	312	280	252

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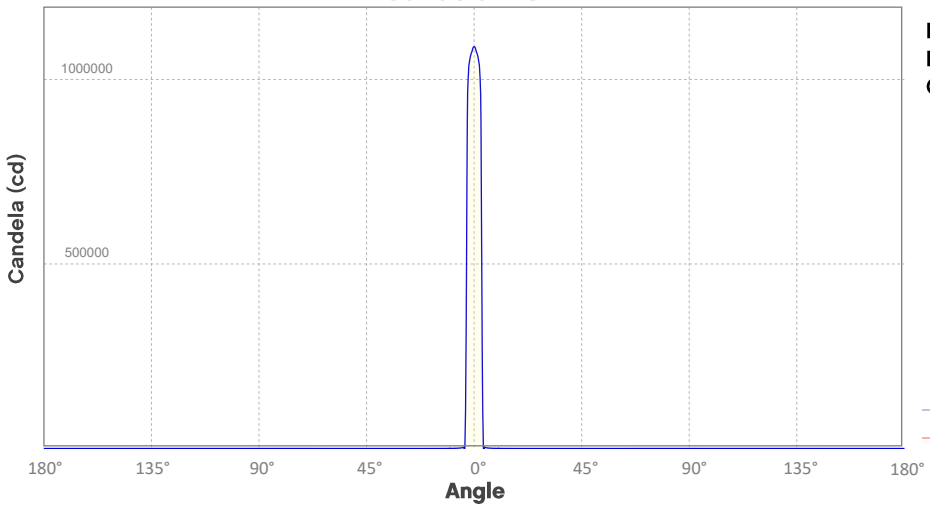
Photometric Report

Maverick Force 1 Spot: Full Spot - Full Power

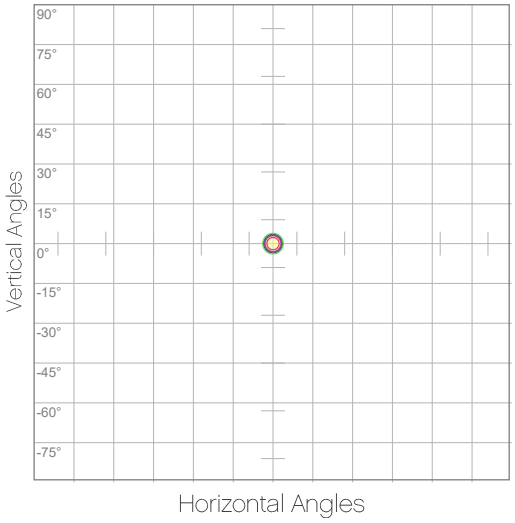
Candela Plot



Beam Angle (50%): 6.3°
Field Angle (10%): 7.3°
Cutoff Angle (3%): 7.6°

Horizontal Distribution
Vertical Distribution

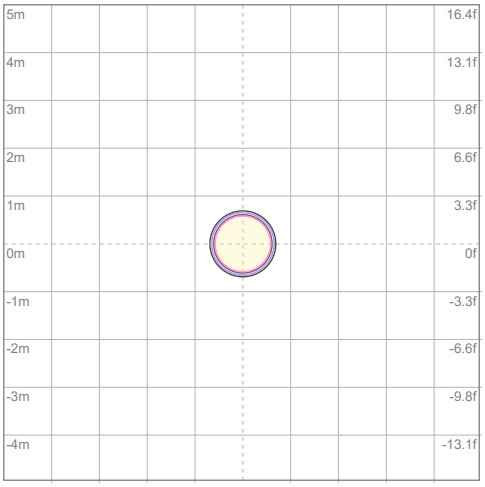
Polar Diagrams



iso-candela Diagram

10%	108712 cd
20%	217424 cd
30%	326136 cd
40%	434848 cd
50%	543559 cd
60%	652271 cd
70%	760983 cd
80%	869695 cd
90%	978407 cd

Conditions:
Number of c-planes: 2
Candela at center: 1087119 cd



iso-illuminance Diagram

3%	326 lx
5%	544 lx
10%	1087 lx
30%	3261 lx
50%	5436 lx

Conditions:
Number of c-planes: 2
Lux at center: 10.9K lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - Full Power

Report Summary

Output

Total Lumens: 4392 lm
Peak Intensity: 429394 cd
Illuminance @ 5m: 17176 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 6.1°
Vertical Beam Angle (50%): 6.1°
Horizontal Field Angle (10%): 7.8°
Vertical Field Angle (10%): 7.8°
Horizontal Cutoff Angle (3%): 8.7°
Vertical Cutoff Angle (3%): 8.7°

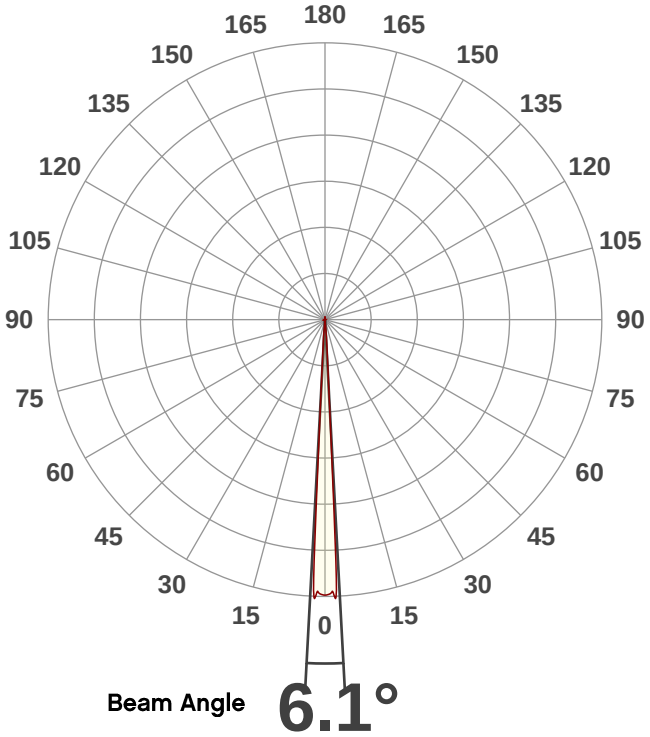
Conditions

AC Supply: 121 V, 0 Hz
Power: 659.98 W
Current: 5.46 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

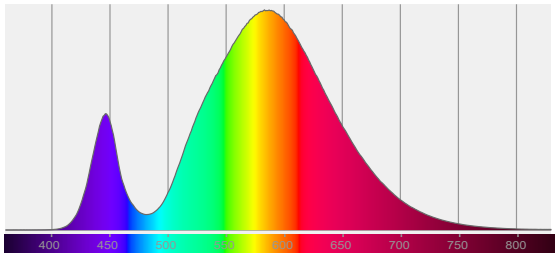
Overall Measurement

Angular Beam Distribution

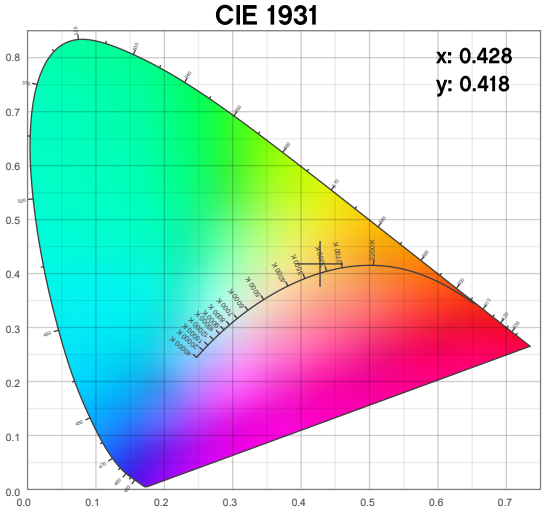


Beam Angle 6.1°

Spectral Distribution



CIE 1931



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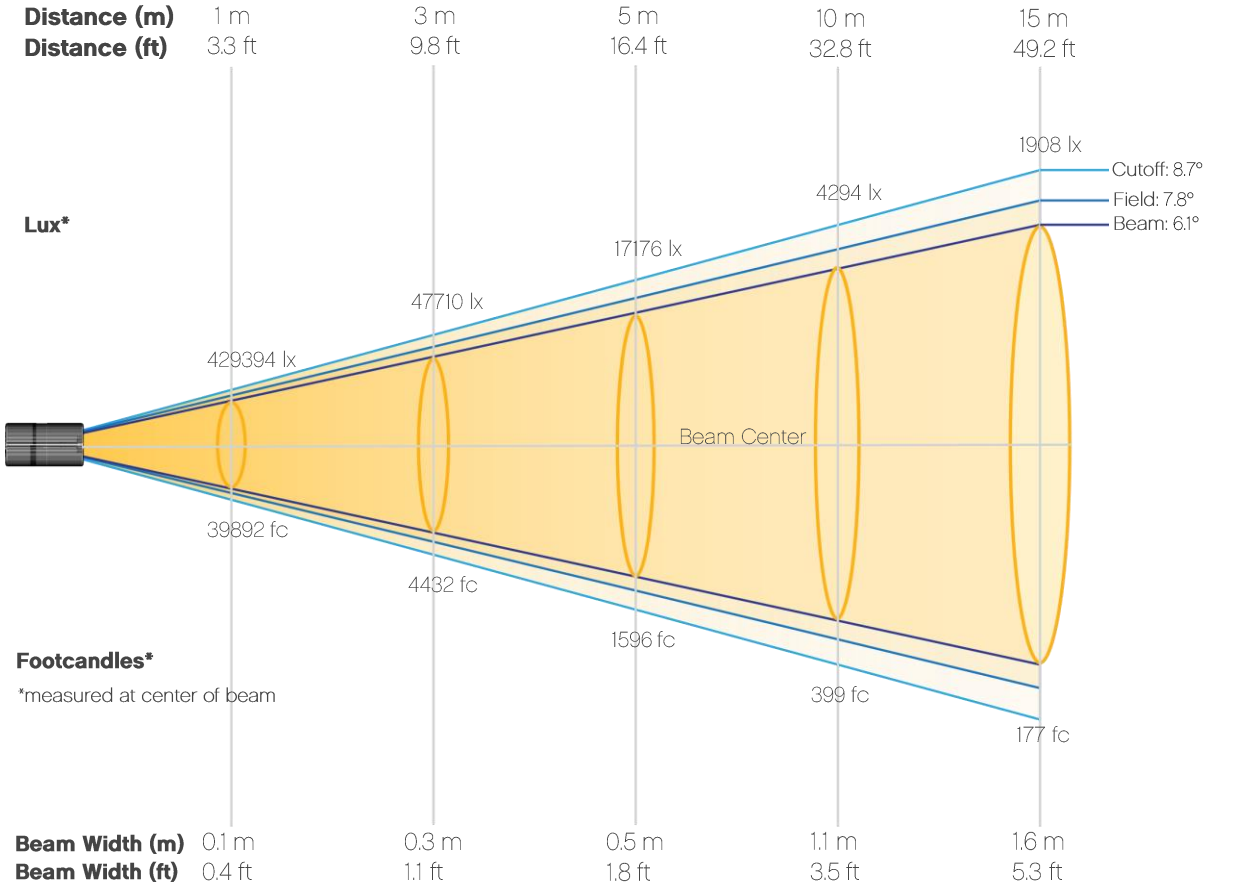
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	429394	107348	47710	26837	17176	11928	8763	6709	5301	4294
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	3549	2982	2541	2191	1908	1677	1486	1325	1189	1073
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	39892	9973	4432	2493	1596	1108	814	623	492	399
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	330	277	236	204	177	156	138	123	111	100

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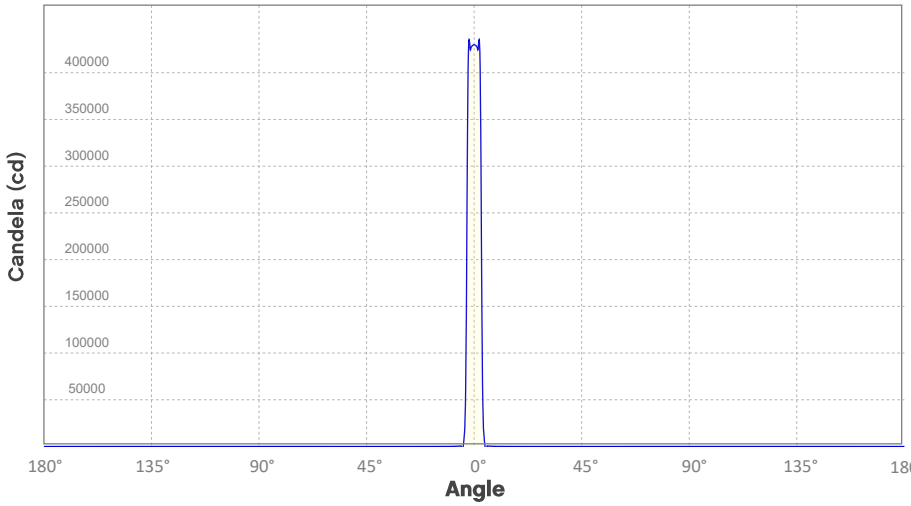
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - Full Power

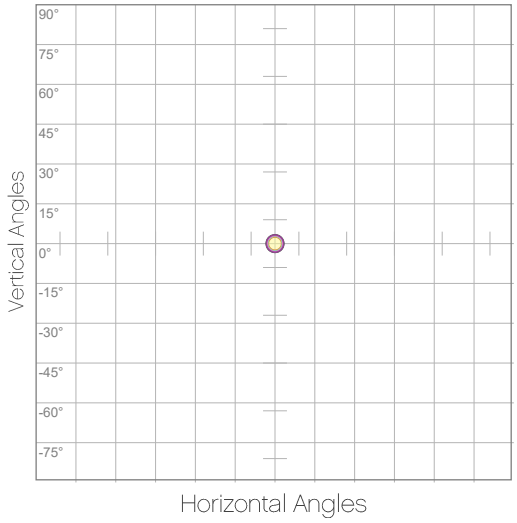
Candela Plot



Beam Angle (50%): 6.1°
Field Angle (10%): 7.8°
Cutoff Angle (3%): 8.7°

Horizontal Distribution
Vertical Distribution

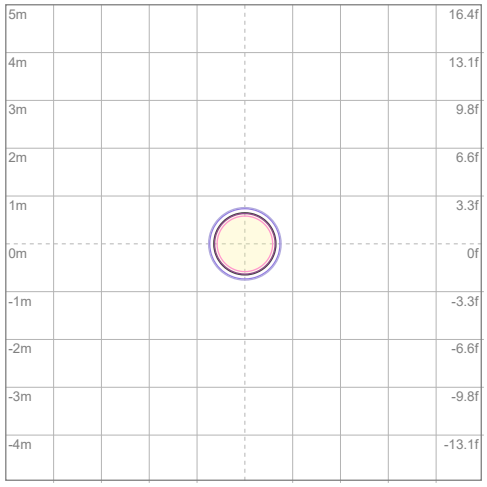
Polar Diagrams



iso-candela Diagram

10%	42939 cd
20%	85879 cd
30%	128818 cd
40%	171757 cd
50%	214697 cd
60%	257636 cd
70%	300576 cd
80%	343515 cd
90%	386454 cd

Conditions:
Number of c-planes: 2
Candela at center: 429394 cd



iso-illuminance Diagram

3%	129 lx
5%	215 lx
10%	429 lx
30%	1288 lx
50%	2147 lx

Conditions:
Number of c-planes: 2
Lux at center: 4294 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot - TV35

Report Summary

Output

Total Lumens: 5490 lm
Peak Intensity: 512027 cd
Illuminance @ 5m: 20481 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 6.2°
Vertical Beam Angle (50%): 6.2°
Horizontal Field Angle (10%): 8.1°
Vertical Field Angle (10%): 8.1°
Horizontal Cutoff Angle (3%): 8.8°
Vertical Cutoff Angle (3%): 8.8°

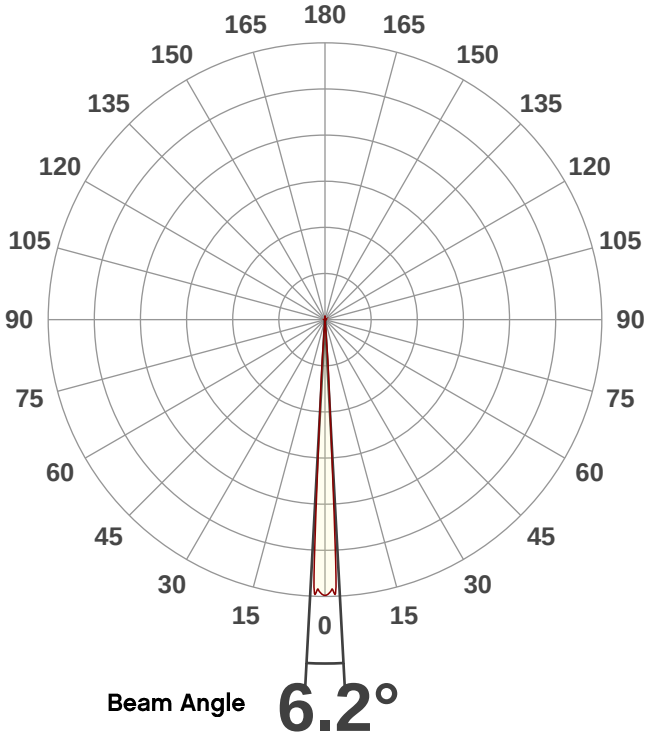
Conditions

AC Supply: 122 V, 0 Hz
Power: 660.0 W
Current: 5.43 A
Power Factor: 1.0

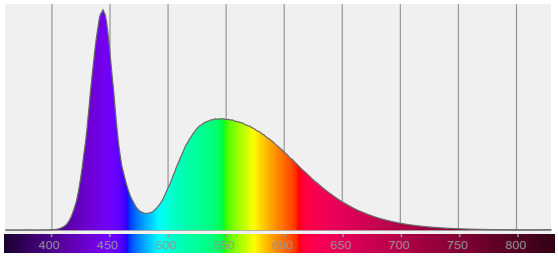
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

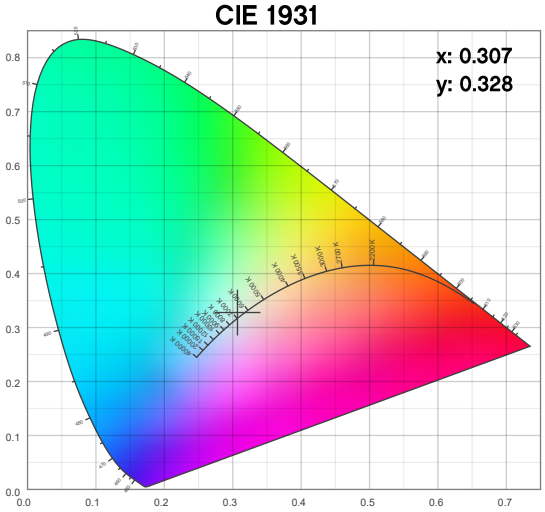
Angular Beam Distribution



Spectral Distribution



CIE 1931



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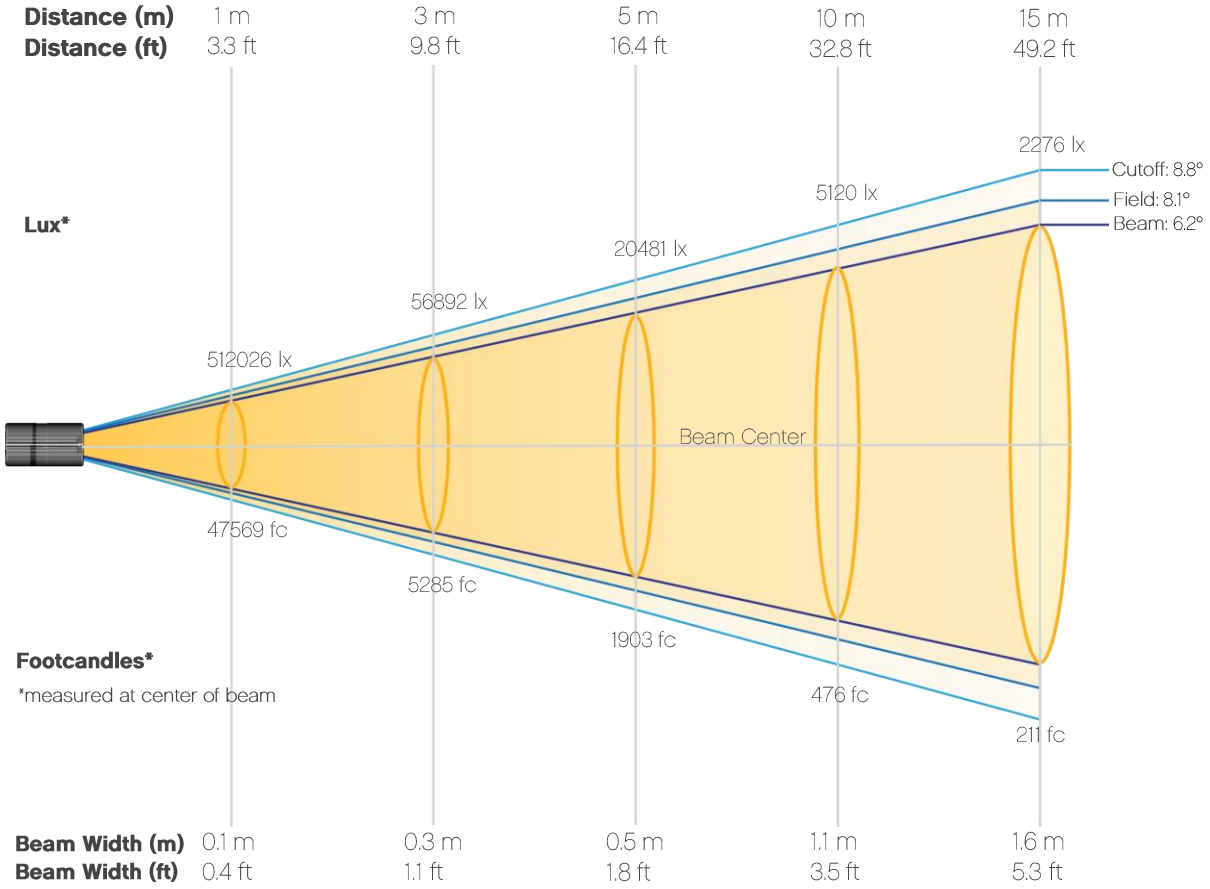
Photometric Report

Maverick Force 1 Spot: Full Spot - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	512026	128007	56892	32002	20481	14223	10450	8000	6321	5120
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	4232	3556	3030	2612	2276	2000	1772	1580	1418	1280
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	47569	11892	5285	2973	1903	1321	971	743	587	476
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	393	330	281	243	211	186	165	147	132	119

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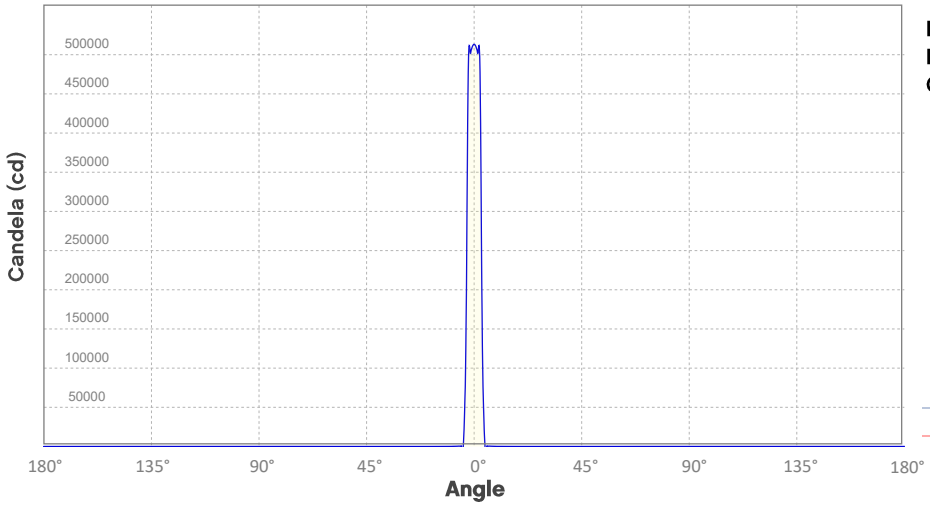
Photometric Report

Maverick Force 1 Spot: Full Spot - TV35

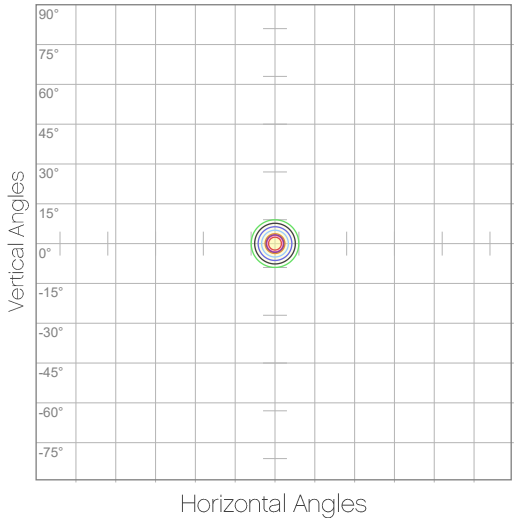
Candela Plot



Beam Angle (50%): 6.2°
Field Angle (10%): 8.1°
Cutoff Angle (3%): 8.8°

Horizontal Distribution
Vertical Distribution

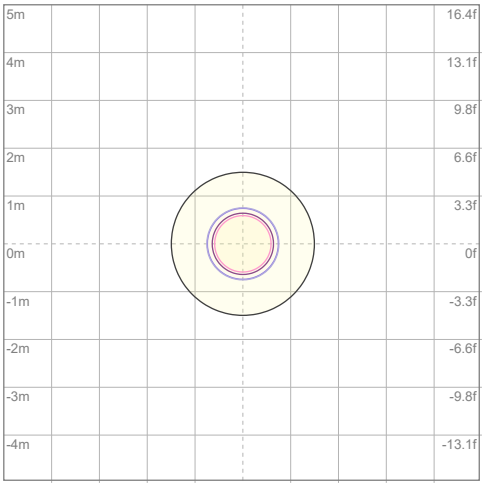
Polar Diagrams



iso-candela Diagram

10%	51203 cd
20%	102405 cd
30%	153608 cd
40%	204811 cd
50%	256013 cd
60%	307216 cd
70%	358419 cd
80%	409621 cd
90%	460824 cd

Conditions:
Number of c-planes: 2
Candela at center: 512026 cd



iso-illuminance Diagram

3%	154 lx
5%	256 lx
10%	512 lx
30%	1536 lx
50%	2560 lx

Conditions:
Number of c-planes: 2
Lux at center: 5120 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV35

Report Summary

Output

Total Lumens: 2239 lm
Peak Intensity: 205964 cd
Illuminance @ 5m: 8239 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 6.4°
Vertical Beam Angle (50%): 6.4°
Horizontal Field Angle (10%): 7.1°
Vertical Field Angle (10%): 7.1°
Horizontal Cutoff Angle (3%): 7.7°
Vertical Cutoff Angle (3%): 7.7°

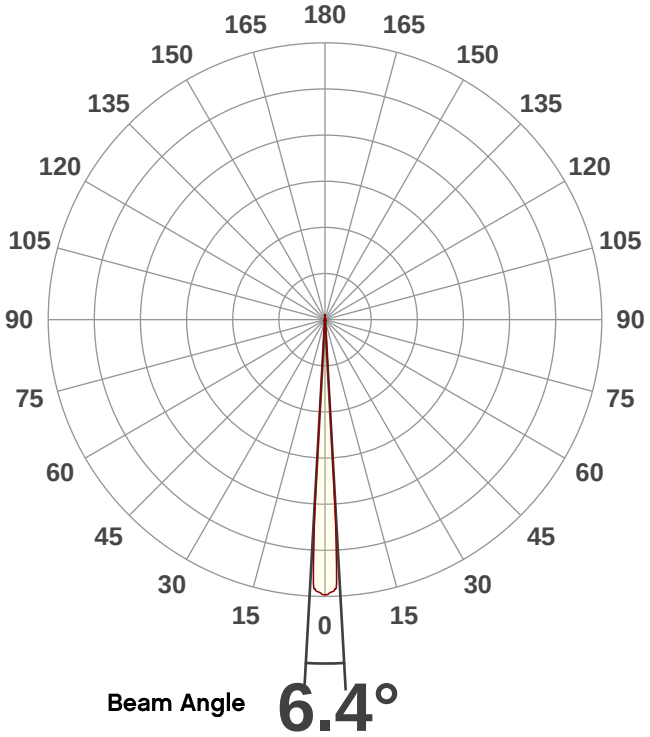
Conditions

AC Supply: 121 V, 0 Hz
Power: 659.96 W
Current: 5.43 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

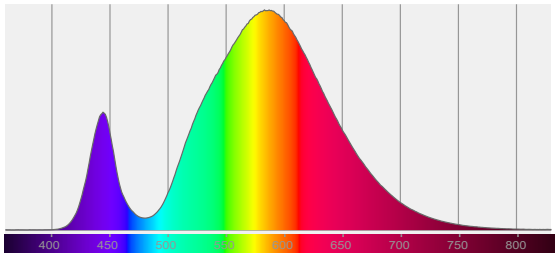
Overall Measurement

Angular Beam Distribution

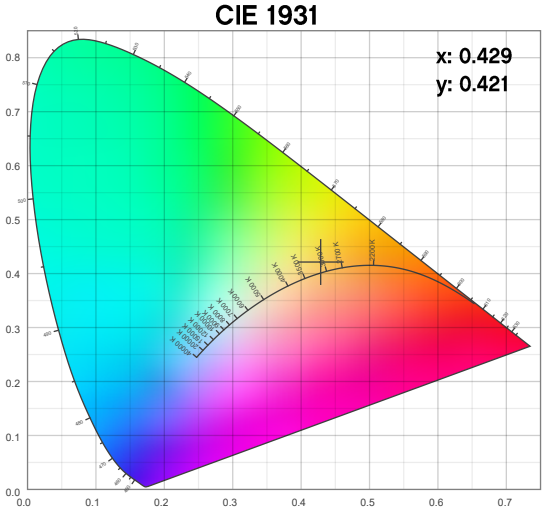


Beam Angle 6.4°

Spectral Distribution



CIE 1931



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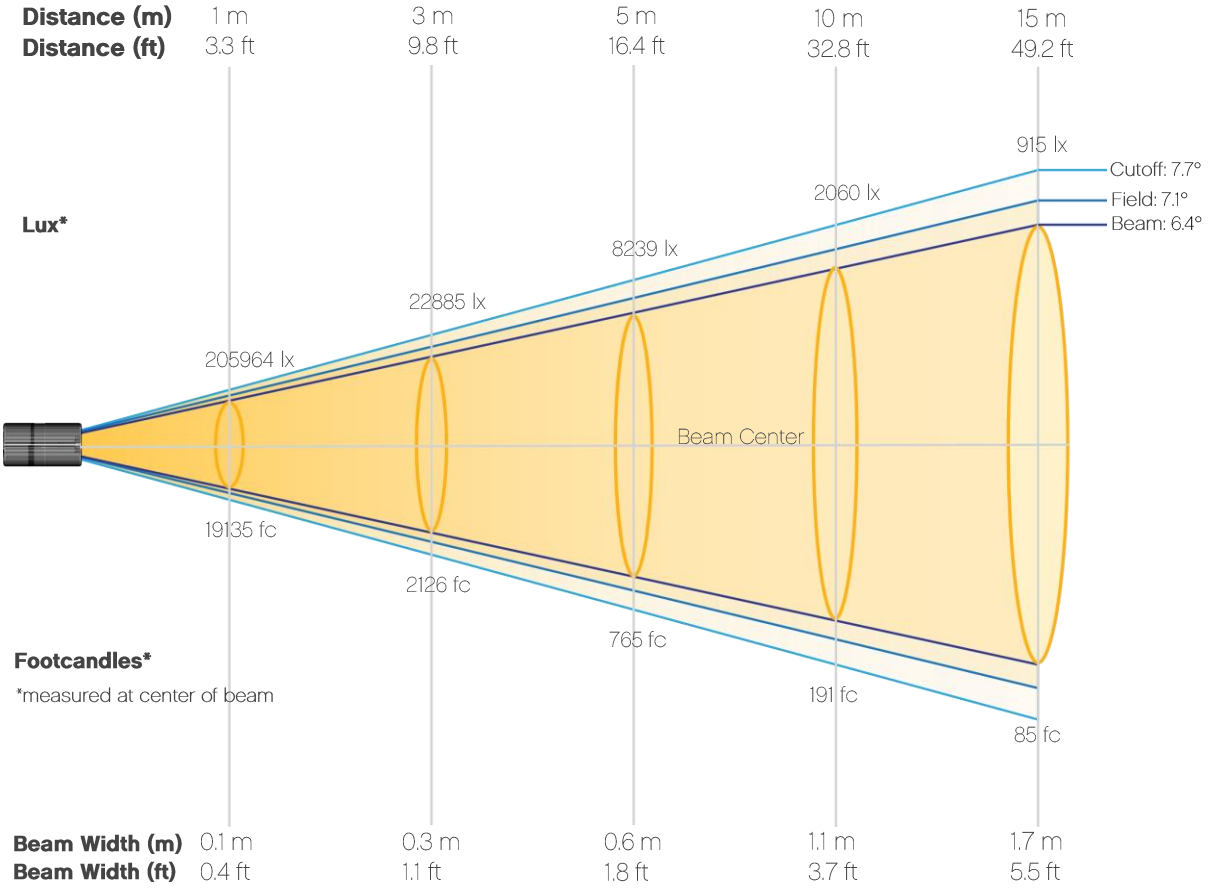
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	205964	51491	22885	12873	8239	5721	4203	3218	2543	2060
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1702	1430	1219	1051	915	805	713	636	571	515
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	19135	4784	2126	1196	765	532	391	299	236	191
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	158	133	113	98	85	75	66	59	53	48

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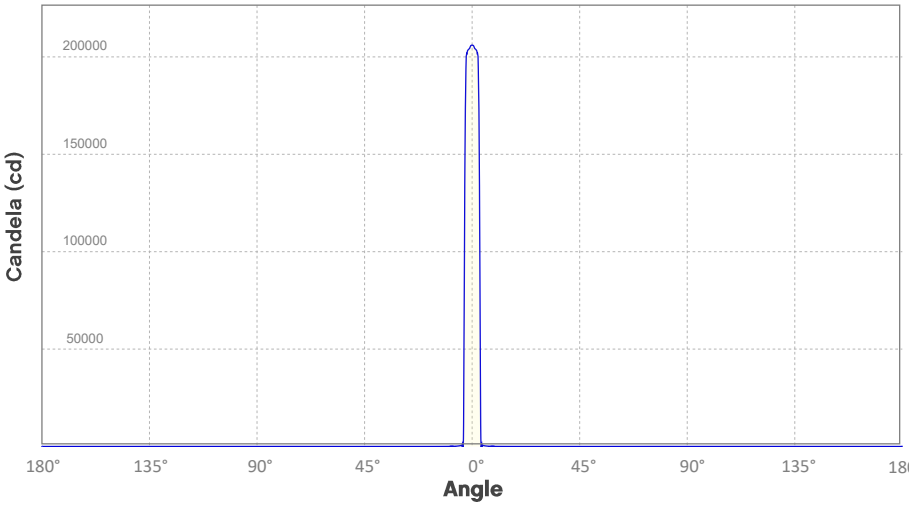
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV35

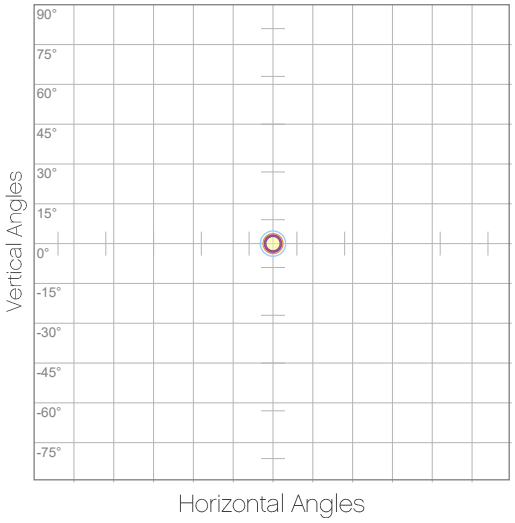
Candela Plot



Beam Angle (50%): 6.4°
Field Angle (10%): 7.1°
Cutoff Angle (3%): 7.7°

Horizontal Distribution
Vertical Distribution

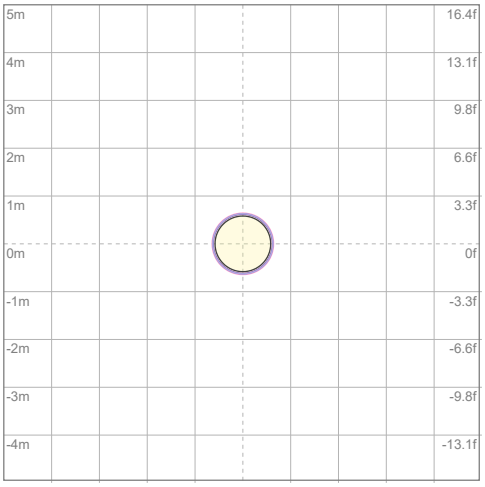
Polar Diagrams



iso-candela Diagram

10%	20596 cd
20%	41193 cd
30%	61789 cd
40%	82385 cd
50%	102982 cd
60%	123578 cd
70%	144175 cd
80%	164771 cd
90%	185367 cd

Conditions:
Number of c-planes: 2
Candela at center: 205964 cd



iso-illuminance Diagram

3%	61.8 lx
5%	103 lx
10%	206 lx
30%	618 lx
50%	1030 lx

Conditions:
Number of c-planes: 2
Lux at center: 2060 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot - TV25

Report Summary

Output

Total Lumens: 6739 lm
Peak Intensity: 632123 cd
Illuminance @ 5m: 25285 lux
Fixture Efficacy: 10 lm/W

Optical

Horizontal Beam Angle (50%): 6.2°
Vertical Beam Angle (50%): 6.2°
Horizontal Field Angle (10%): 8.1°
Vertical Field Angle (10%): 8.1°
Horizontal Cutoff Angle (3%): 8.8°
Vertical Cutoff Angle (3%): 8.8°

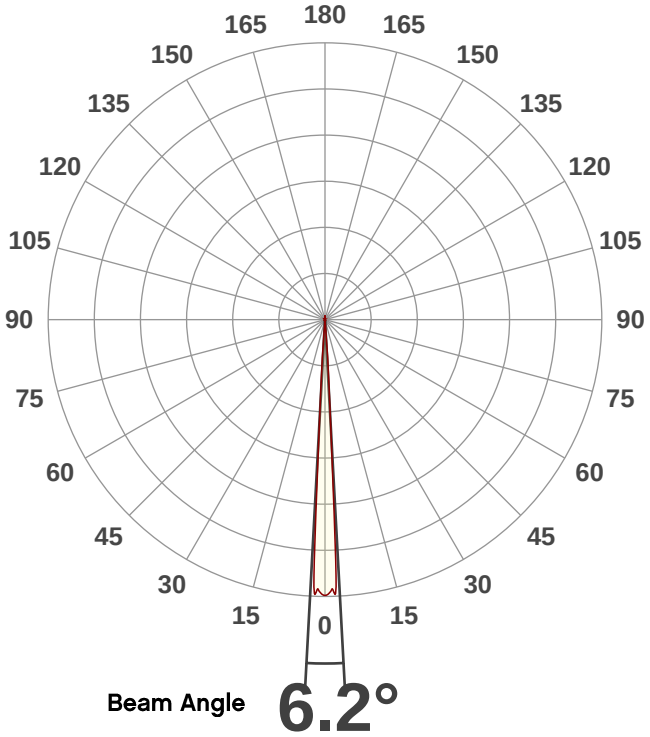
Conditions

AC Supply: 121 V, 0 Hz
Power: 660.05 W
Current: 5.44 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

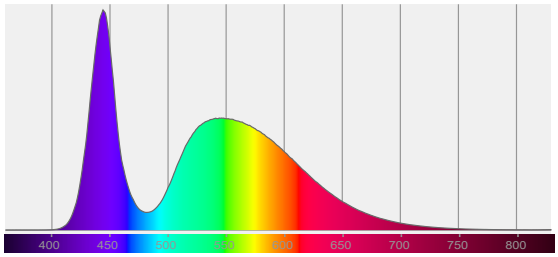
Overall Measurement

Angular Beam Distribution

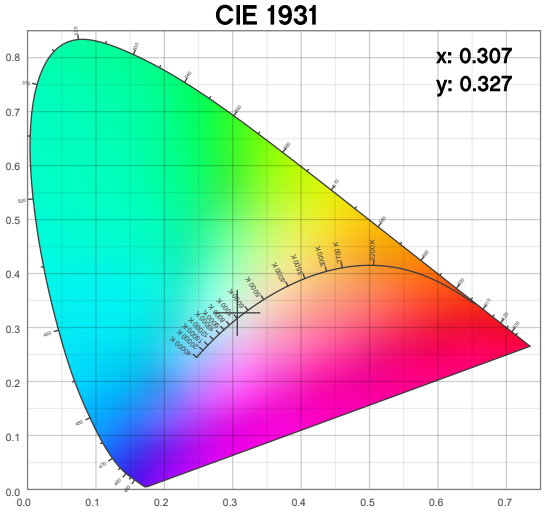


Beam Angle 6.2°

Spectral Distribution



CIE 1931



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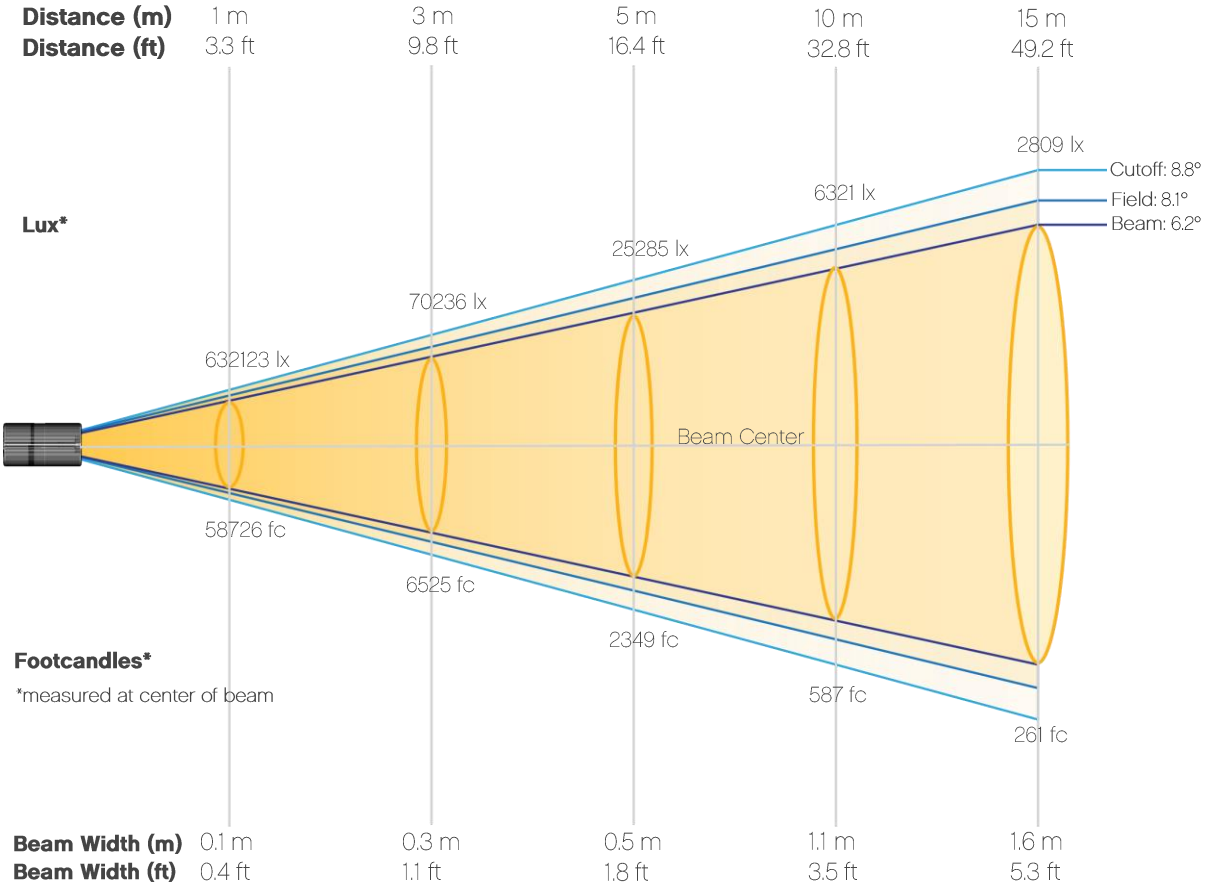
Photometric Report

Maverick Force 1 Spot: Full Spot - TV25

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	632123	158031	70236	39508	25285	17559	12900	9877	7804	6321
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	5224	4390	3740	3225	2809	2469	2187	1951	1751	1580
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	58726	14682	6525	3670	2349	1631	1198	918	725	587
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	485	408	347	300	261	229	203	181	163	147

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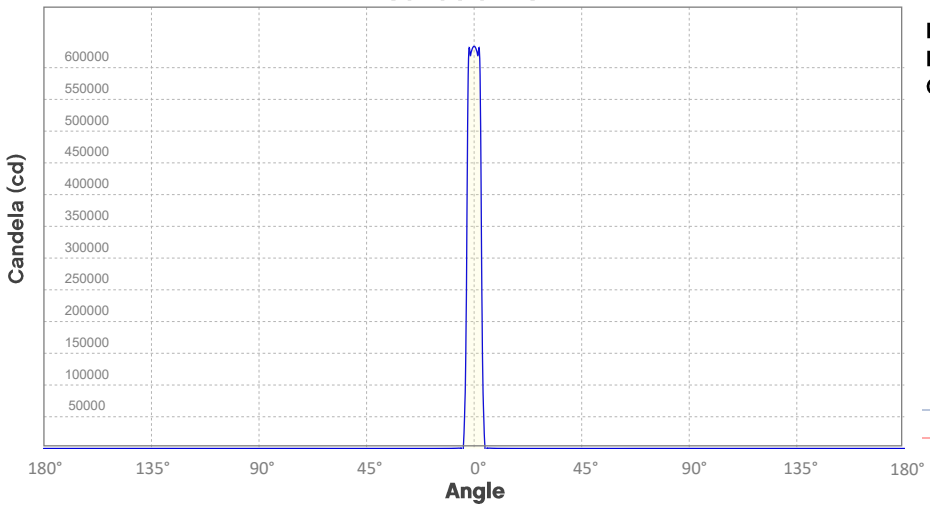
Photometric Report

Maverick Force 1 Spot: Full Spot - TV25

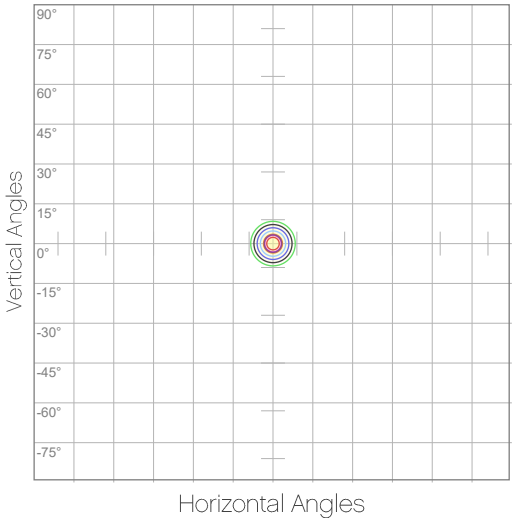
Candela Plot



Beam Angle (50%): 6.2°
Field Angle (10%): 8.1°
Cutoff Angle (3%): 8.8°

Horizontal Distribution
Vertical Distribution

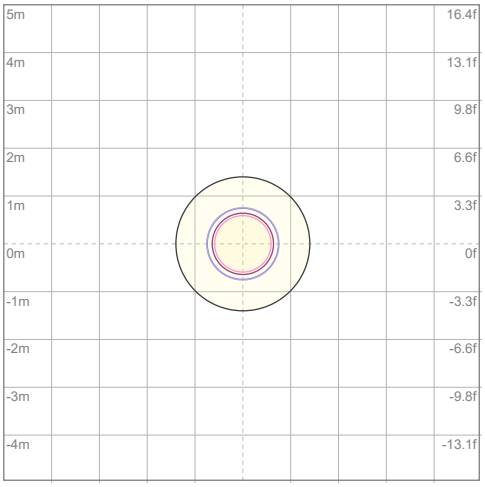
Polar Diagrams



iso-candela Diagram

10%	63212 cd
20%	126425 cd
30%	189637 cd
40%	252849 cd
50%	316062 cd
60%	379274 cd
70%	442486 cd
80%	505698 cd
90%	568911 cd

Conditions:
Number of c-planes: 2
Candela at center: 632123 cd



iso-illuminance Diagram

3%	190 lx
5%	316 lx
10%	632 lx
30%	1896 lx
50%	3161 lx

Conditions:
Number of c-planes: 2
Lux at center: 6321 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV25

Report Summary

Output

Total Lumens: 2697 lm
Peak Intensity: 254699 cd
Illuminance @ 5m: 10188 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 6.3°
Vertical Beam Angle (50%): 6.3°
Horizontal Field Angle (10%): 7°
Vertical Field Angle (10%): 7°
Horizontal Cutoff Angle (3%): 7.6°
Vertical Cutoff Angle (3%): 7.6°

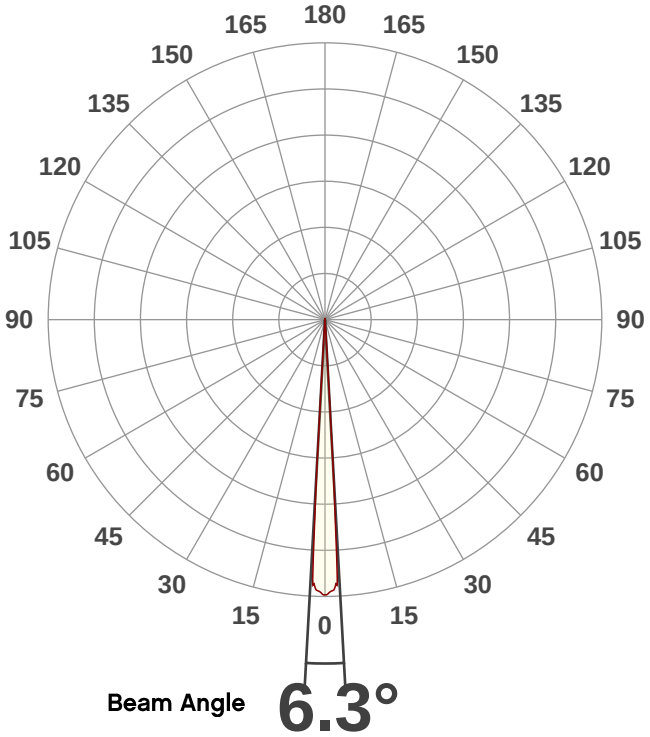
Conditions

AC Supply: 121 V, 0 Hz
Power: 660.01 W
Current: 5.44 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

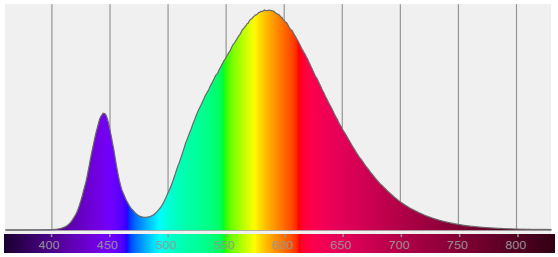
Overall Measurement

Angular Beam Distribution

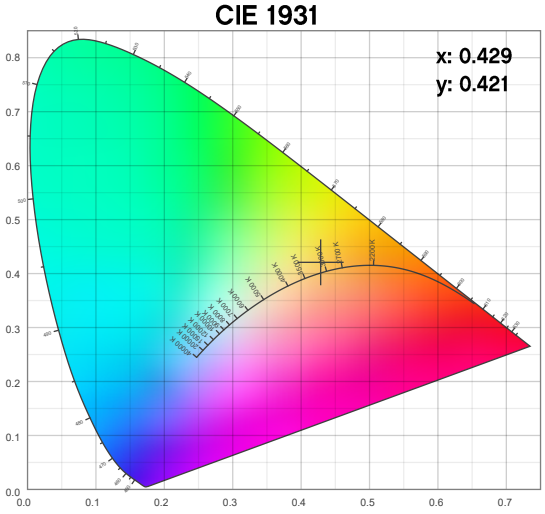


Beam Angle 6.3°

Spectral Distribution



CIE 1931



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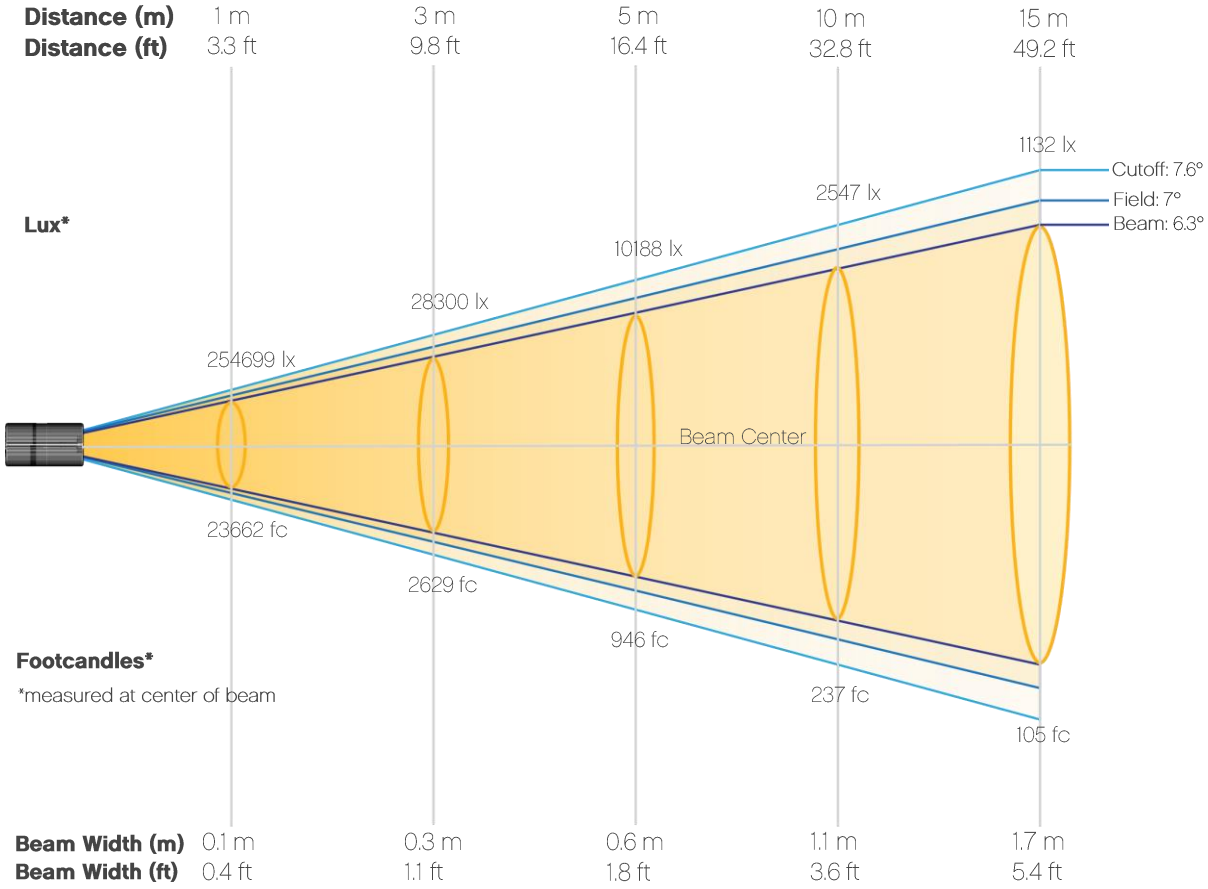
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV25

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	254699	63675	28300	15919	10188	7075	5198	3980	3144	2547
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2105	1769	1507	1299	1132	995	881	786	706	637
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	23662	5916	2629	1479	946	657	483	370	292	237
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	196	164	140	121	105	92	82	73	66	59

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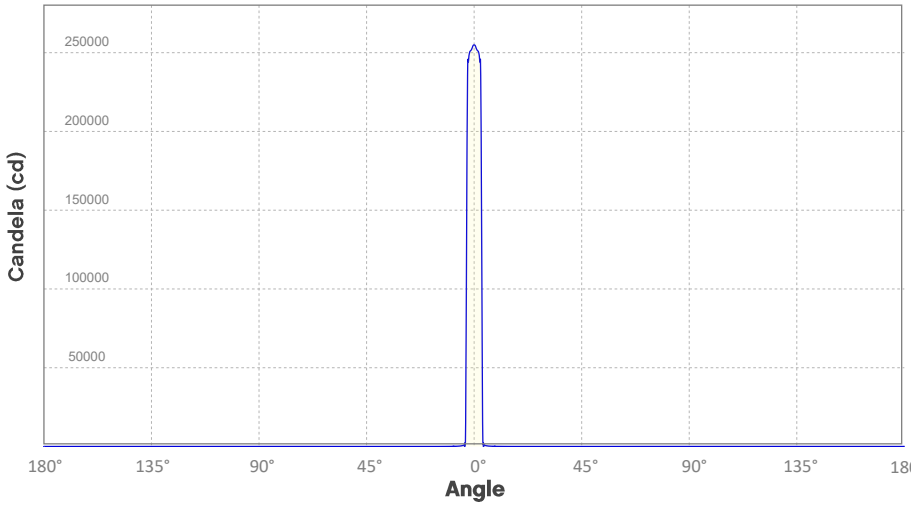
Photometric Report

Maverick Force 1 Spot: Full Spot with CTO - TV25

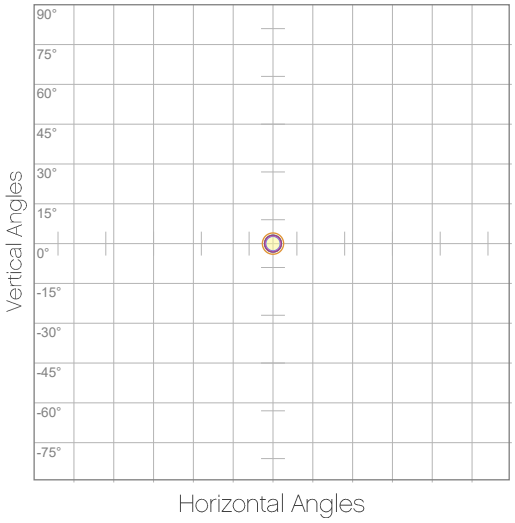
Candela Plot



Beam Angle (50%): 6.3°
Field Angle (10%): 7°
Cutoff Angle (3%): 7.6°

Horizontal Distribution
Vertical Distribution

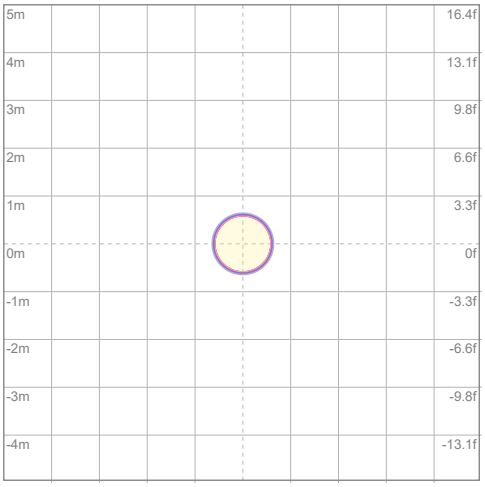
Polar Diagrams



iso-candela Diagram

10%	25470 cd
20%	50940 cd
30%	76410 cd
40%	101879 cd
50%	127349 cd
60%	152819 cd
70%	178289 cd
80%	203759 cd
90%	229229 cd

Conditions:
Number of c-planes: 2
Candela at center: 254699 cd



iso-illuminance Diagram

3%	76.4 lx
5%	127 lx
10%	255 lx
30%	764 lx
50%	1273 lx

Conditions:
Number of c-planes: 2
Lux at center: 2547 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom - Full Power

Report Summary

Output

Total Lumens: 20446 lm
Peak Intensity: 261050 cd
Illuminance @ 5m: 10442 lux
Fixture Efficacy: 31 lm/W

Optical

Horizontal Beam Angle (50%): 17.9°
Vertical Beam Angle (50%): 17.9°
Horizontal Field Angle (10%): 21.6°
Vertical Field Angle (10%): 21.6°
Horizontal Cutoff Angle (3%): 22.7°
Vertical Cutoff Angle (3%): 22.7°

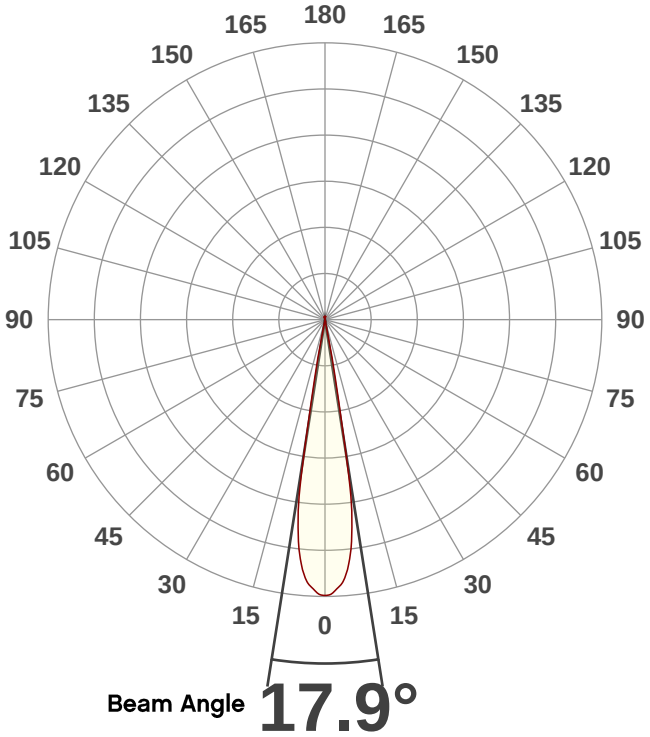
Conditions

AC Supply: 119 V, 0 Hz
Power: 659.98 W
Current: 5.53 A
Power Factor: 1.0

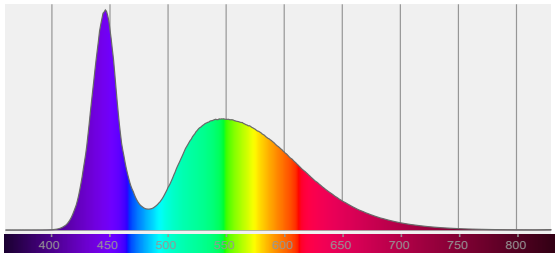
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

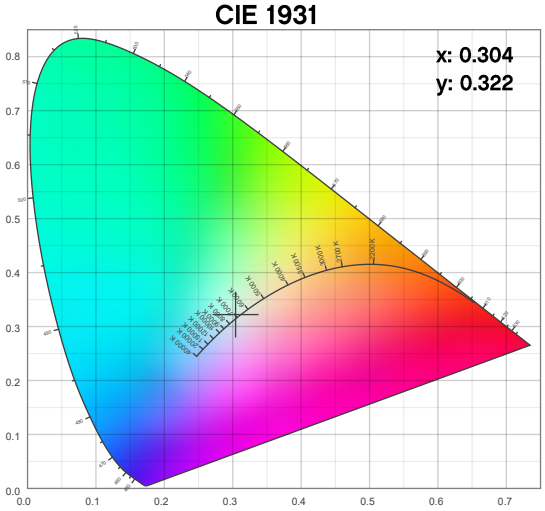
Angular Beam Distribution



Spectral Distribution



CIE 1931



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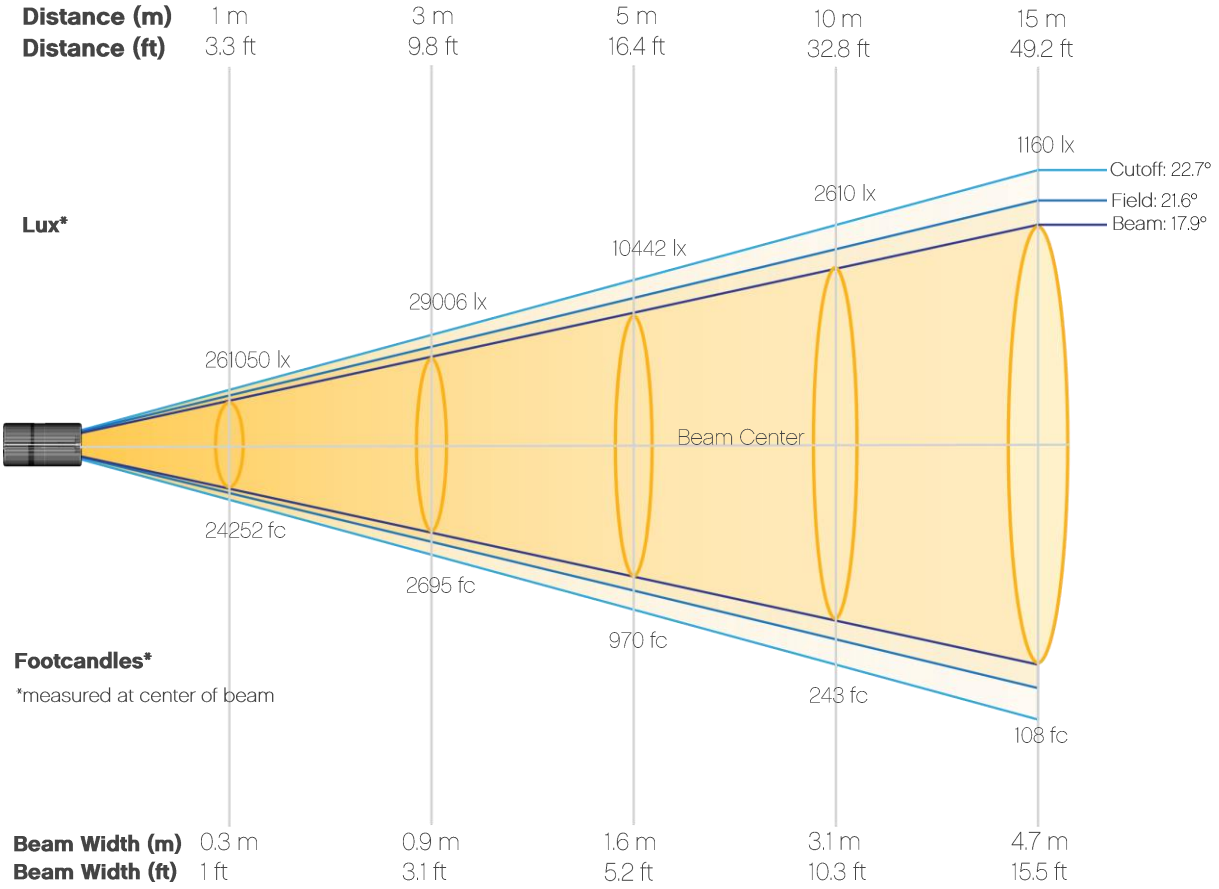
Photometric Report

Maverick Force 1 Spot: 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	261050	65262	29006	16316	10442	7251	5328	4079	3223	2610
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2157	1813	1545	1332	1160	1020	903	806	723	653
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	24252	6063	2695	1516	970	674	495	379	299	243
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	200	168	144	124	108	95	84	75	67	61

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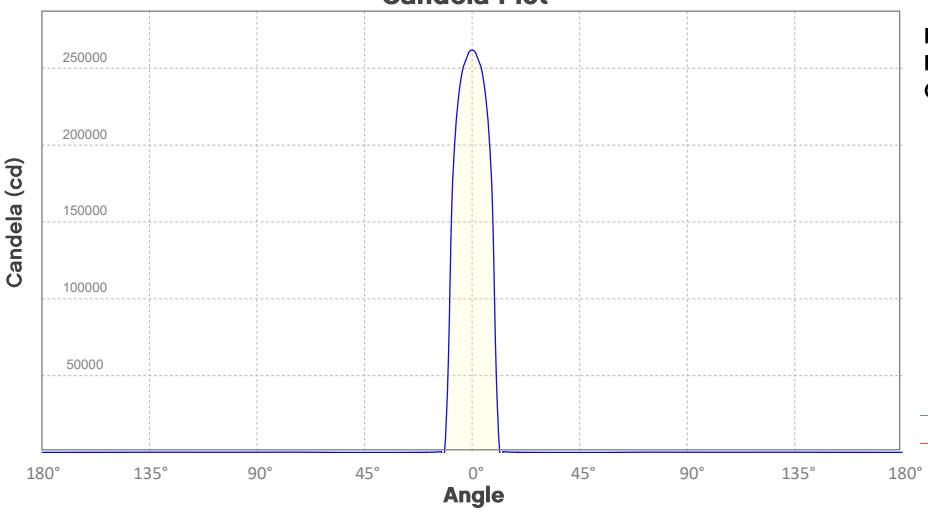
Photometric Report

Maverick Force 1 Spot: 50% Zoom - Full Power

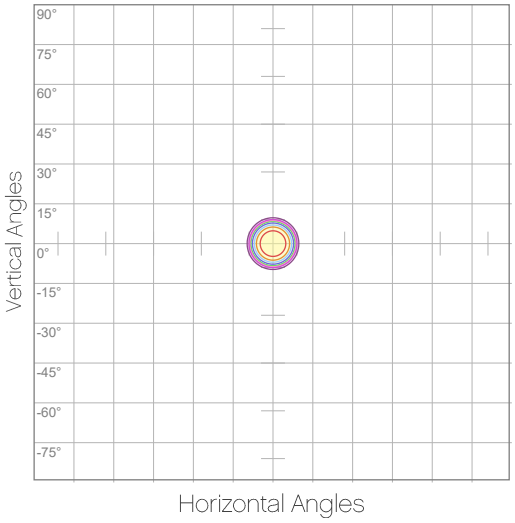
Candela Plot



Beam Angle (50%): 17.9°
Field Angle (10%): 21.6°
Cutoff Angle (3%): 22.7°

Horizontal Distribution
Vertical Distribution

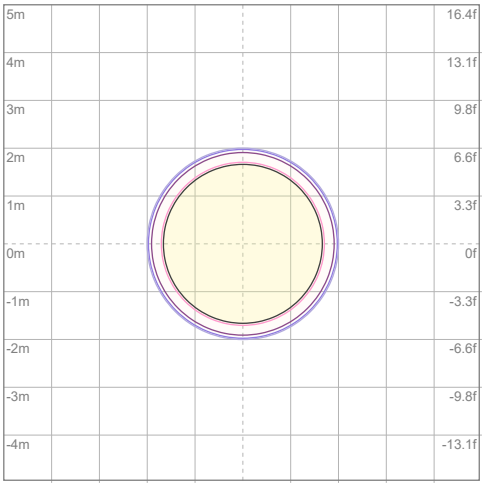
Polar Diagrams



iso-candela Diagram

10%	26105 cd
20%	52210 cd
30%	78315 cd
40%	104420 cd
50%	130525 cd
60%	156630 cd
70%	182735 cd
80%	208840 cd
90%	234945 cd

Conditions:
Number of c-planes: 2
Candela at center: 261050 cd



iso-illuminance Diagram

3%	78.3 lx
5%	131 lx
10%	261 lx
30%	783 lx
50%	1305 lx

Conditions:
Number of c-planes: 2
Lux at center: 2610 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

Report Summary

Output

Total Lumens: 13478 lm
Peak Intensity: 172062 cd
Illuminance @ 5m: 6882 lux
Fixture Efficacy: ffi lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 20.9°
Vertical Field Angle (10%): 20.9°
Horizontal Cutoff Angle (3%): 22.6°
Vertical Cutoff Angle (3%): 22.6°

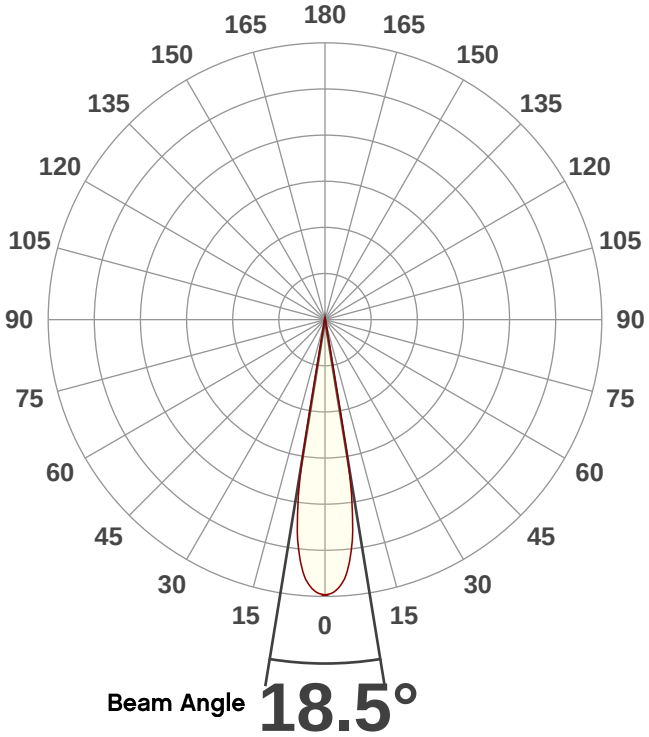
Conditions

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

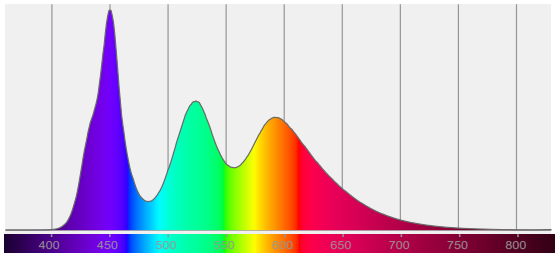
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/21/2020 to LM-63-2002 Standards.

Overall Measurement

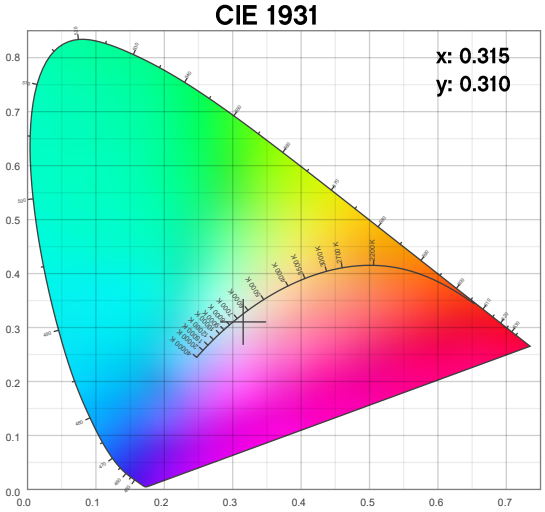
Angular Beam Distribution



Spectral Distribution



CIE 1931



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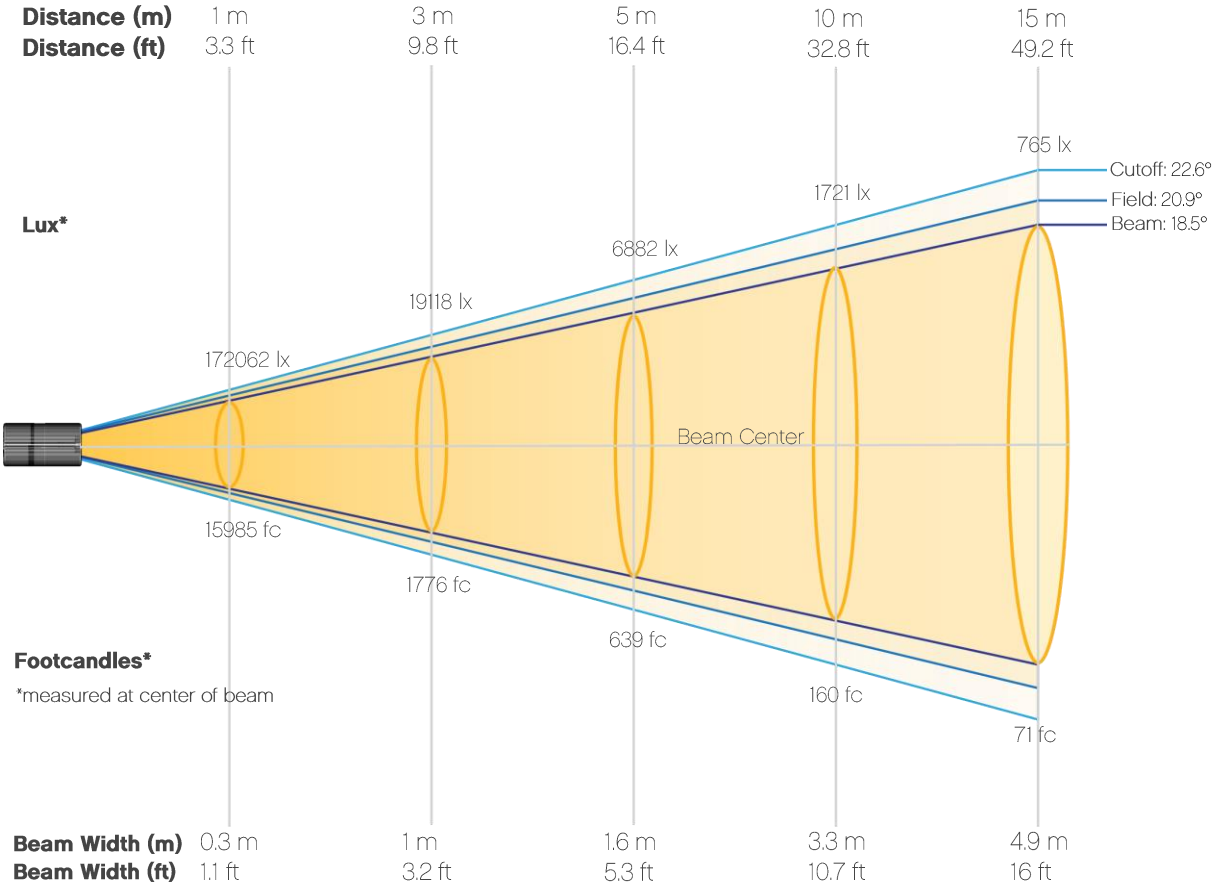
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	172062	43015	19118	10754	6882	4779	3511	2688	2124	1721
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1422	1195	1018	878	765	672	595	531	477	430
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	15985	3996	1776	999	639	444	326	250	197	160
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	132	111	95	82	71	62	55	49	44	40

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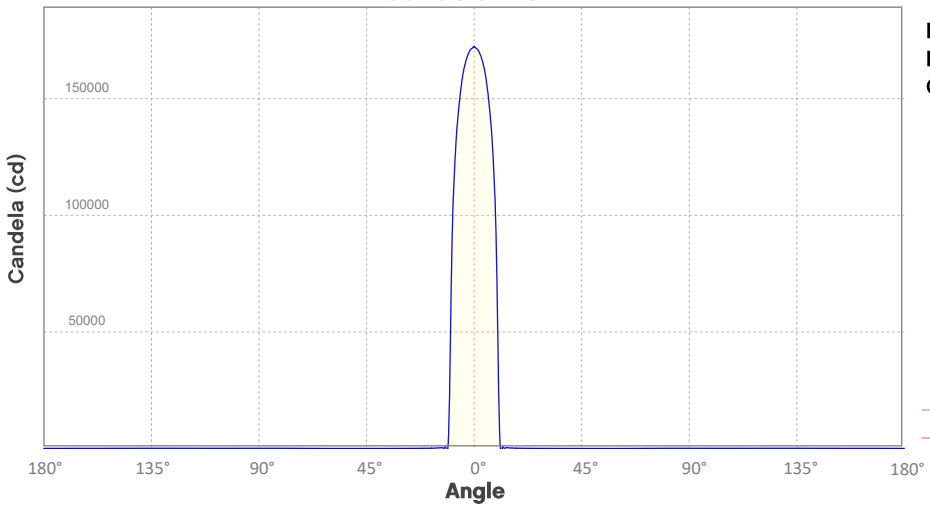
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

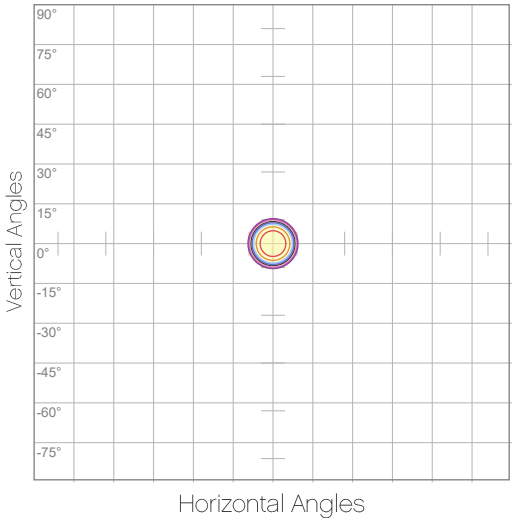
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 22.6°

Horizontal Distribution
Vertical Distribution

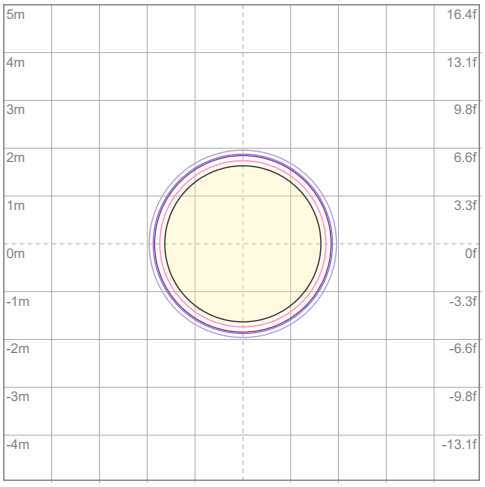
Polar Diagrams



iso-candela Diagram

10%	17206 cd
20%	34412 cd
30%	51618 cd
40%	68825 cd
50%	86031 cd
60%	103237 cd
70%	120443 cd
80%	137649 cd
90%	154855 cd

Conditions:
Number of c-planes: 2
Candela at center: 172062 cd



iso-illuminance Diagram

3%	51.6 lx
5%	86.0 lx
10%	172 lx
30%	516 lx
50%	860 lx

Conditions:
Number of c-planes: 2
Lux at center: 1721 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

Report Summary

Output

Total Lumens: 7864 lm
Peak Intensity: 100623 cd
Illuminance @ 5m: 4025 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 17.9°
Vertical Beam Angle (50%): 17.9°
Horizontal Field Angle (10%): 21.5°
Vertical Field Angle (10%): 21.5°
Horizontal Cutoff Angle (3%): 22.4°
Vertical Cutoff Angle (3%): 22.4°

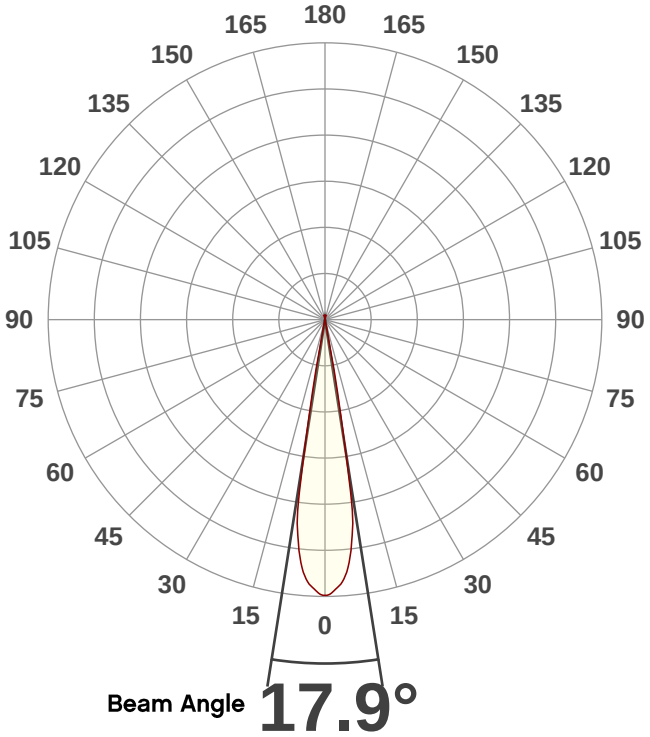
Conditions

AC Supply: 121 V, 0 Hz
Power: 670.02 W
Current: 5.55 A
Power Factor: 1.0

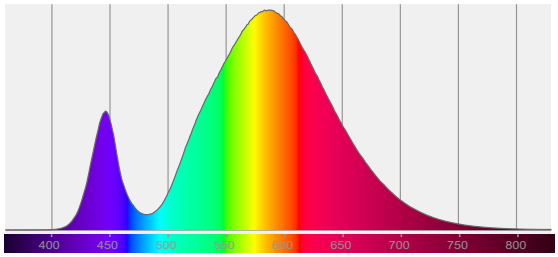
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

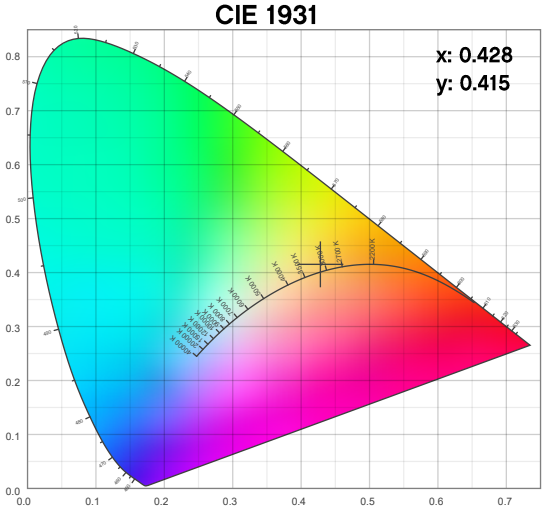
Angular Beam Distribution



Spectral Distribution



CIE 1931



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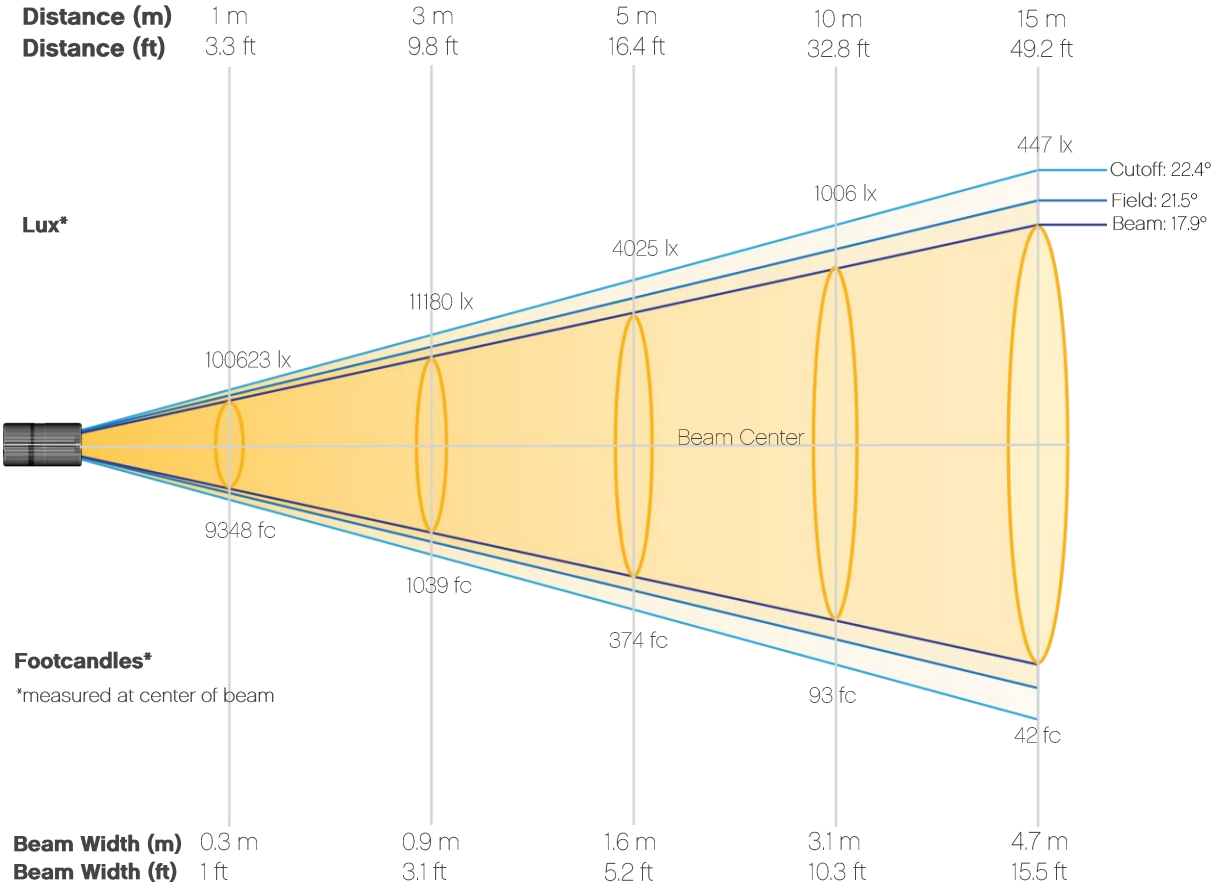
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	100623	25156	11180	6289	4025	2795	2054	1572	1242	1006
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	832	699	595	513	447	393	348	311	279	252
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	9348	2337	1039	584	374	260	191	146	115	93
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	77	65	55	48	42	37	32	29	26	23

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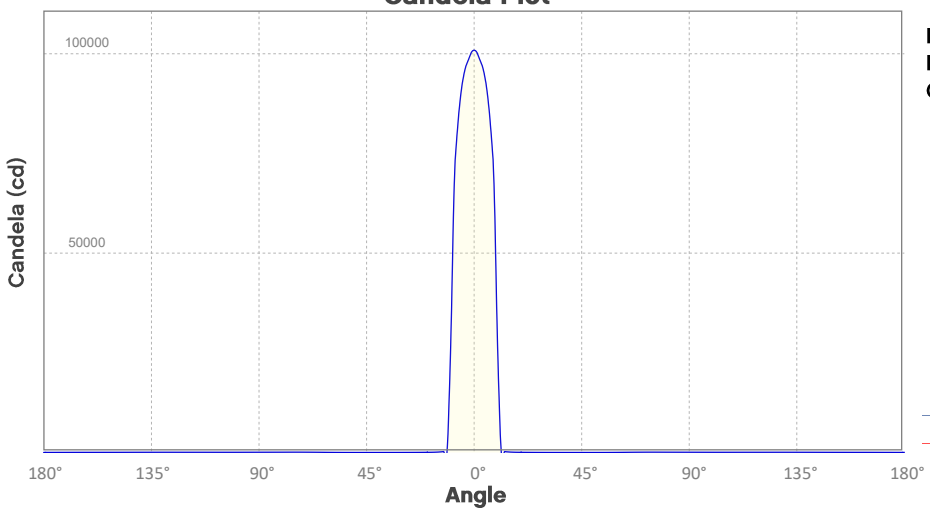
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

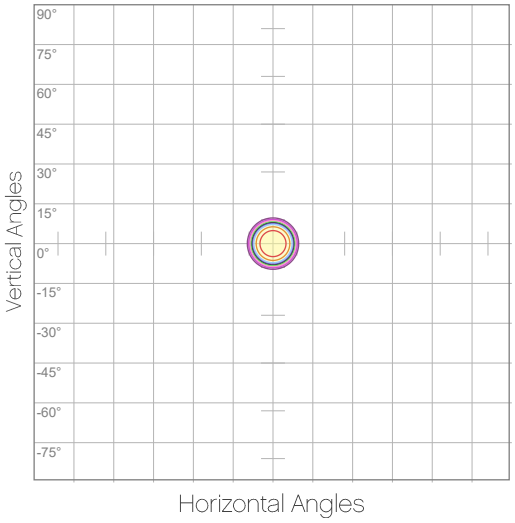
Candela Plot



Beam Angle (50%): 17.9°
Field Angle (10%): 21.5°
Cutoff Angle (3%): 22.4°

Horizontal Distribution
Vertical Distribution

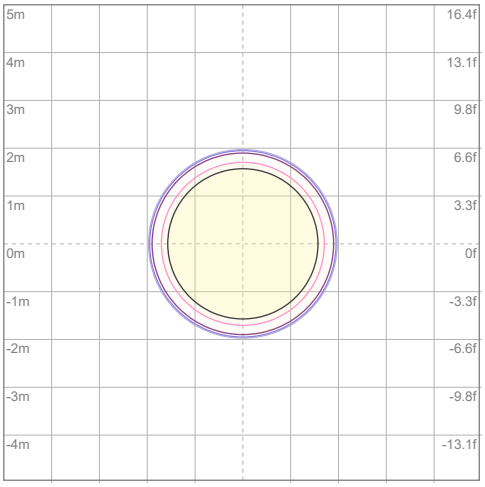
Polar Diagrams



iso-candela Diagram

10%	10062 cd
20%	20125 cd
30%	30187 cd
40%	40249 cd
50%	50312 cd
60%	60374 cd
70%	70436 cd
80%	80499 cd
90%	90561 cd

Conditions:
Number of c-planes: 2
Candela at center: 100623 cd



iso-illuminance Diagram

3%	30.2 lx
5%	50.3 lx
10%	101 lx
30%	302 lx
50%	503 lx

Conditions:
Number of c-planes: 2
Lux at center: 1006 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom - TV35

Report Summary

Output

Total Lumens: 9661 lm
Peak Intensity: 123848 cd
Illuminance @ 5m: 4954 lux
Fixture Efficacy: 15 lm/W

Optical

Horizontal Beam Angle (50%): 17.8°
Vertical Beam Angle (50%): 17.8°
Horizontal Field Angle (10%): 21.5°
Vertical Field Angle (10%): 21.5°
Horizontal Cutoff Angle (3%): 22.4°
Vertical Cutoff Angle (3%): 22.4°

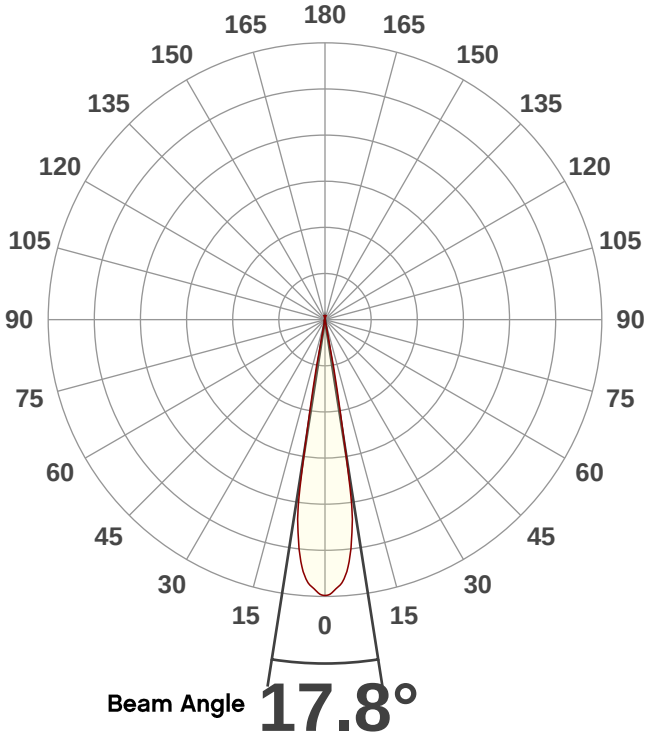
Conditions

AC Supply: 122 V, 0 Hz
Power: 659.95 W
Current: 5.43 A
Power Factor: 1.0

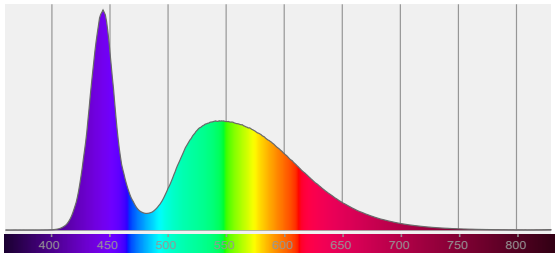
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

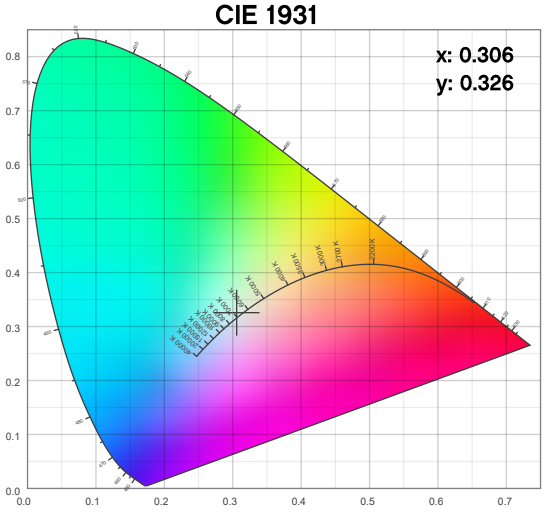
Angular Beam Distribution



Spectral Distribution



CIE 1931



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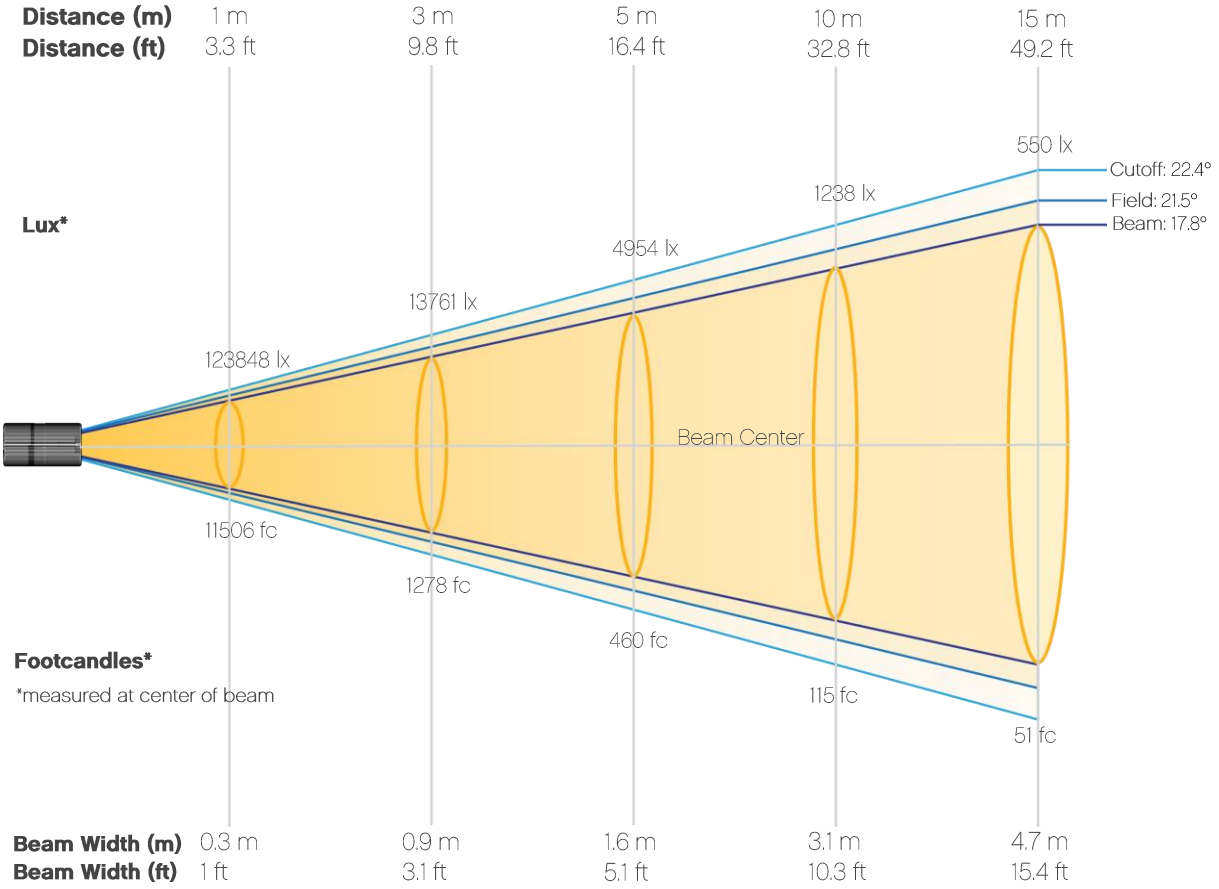
Photometric Report

Maverick Force 1 Spot: 50% Zoom - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	123848	30962	13761	7741	4954	3440	2528	1935	1529	1238
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1024	860	733	632	550	484	429	382	343	310
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	11506	2876	1278	719	460	320	235	180	142	115
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	95	80	68	59	51	45	40	36	32	29

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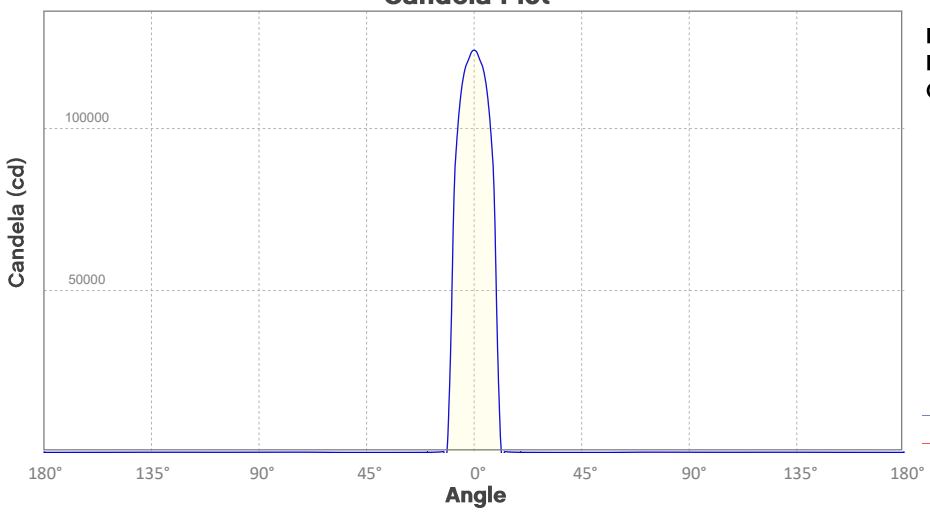
Photometric Report

Maverick Force 1 Spot: 50% Zoom - TV35

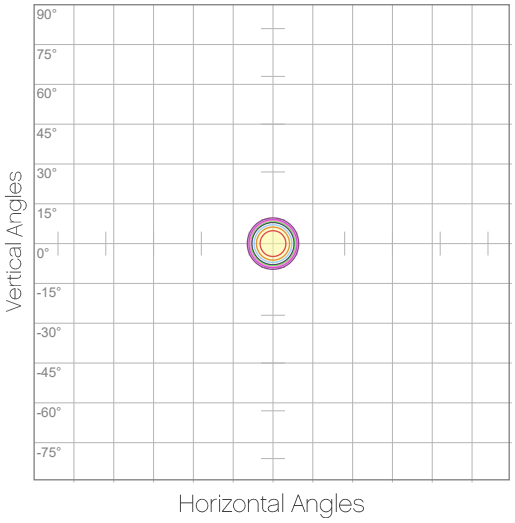
Candela Plot



Beam Angle (50%): 17.8°
Field Angle (10%): 21.5°
Cutoff Angle (3%): 22.4°

Horizontal Distribution
Vertical Distribution

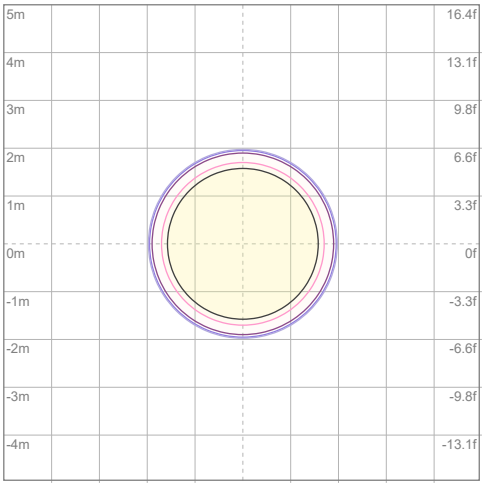
Polar Diagrams



iso-candela Diagram

10%	12385 cd
20%	24770 cd
30%	37155 cd
40%	49539 cd
50%	61924 cd
60%	74309 cd
70%	86694 cd
80%	99079 cd
90%	111464 cd

Conditions:
Number of c-planes: 2
Candela at center: 123848 cd



iso-illuminance Diagram

3%	37.2 lx
5%	61.9 lx
10%	124 lx
30%	372 lx
50%	619 lx

Conditions:
Number of c-planes: 2
Lux at center: 1238 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV35

Report Summary

Output

Total Lumens: 3759 lm
Peak Intensity: 47915 cd
Illuminance @ 5m: 1917 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 17.9°
Vertical Beam Angle (50%): 17.9°
Horizontal Field Angle (10%): 21.6°
Vertical Field Angle (10%): 21.6°
Horizontal Cutoff Angle (3%): 22.7°
Vertical Cutoff Angle (3%): 22.7°

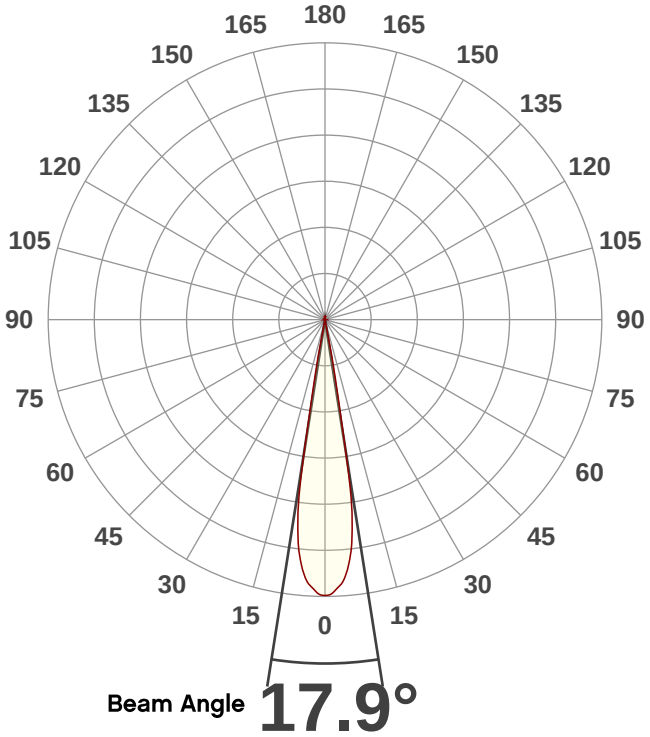
Conditions

AC Supply: 122 V, 0 Hz
Power: 662.23 W
Current: 5.45 A
Power Factor: 1.0

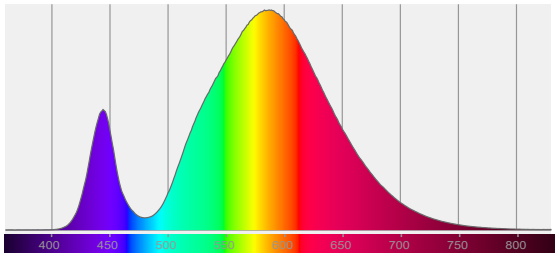
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

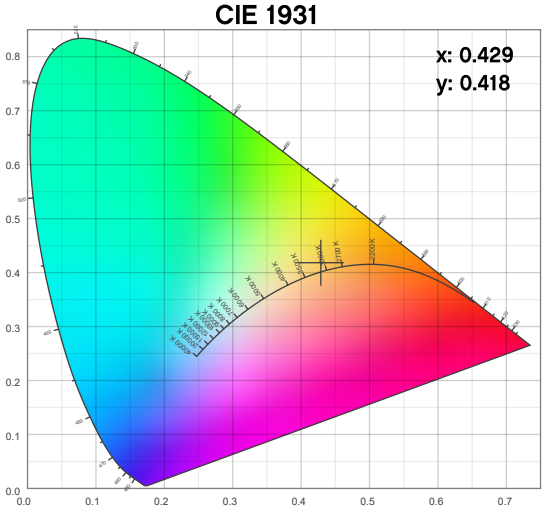
Angular Beam Distribution



Spectral Distribution



CIE 1931



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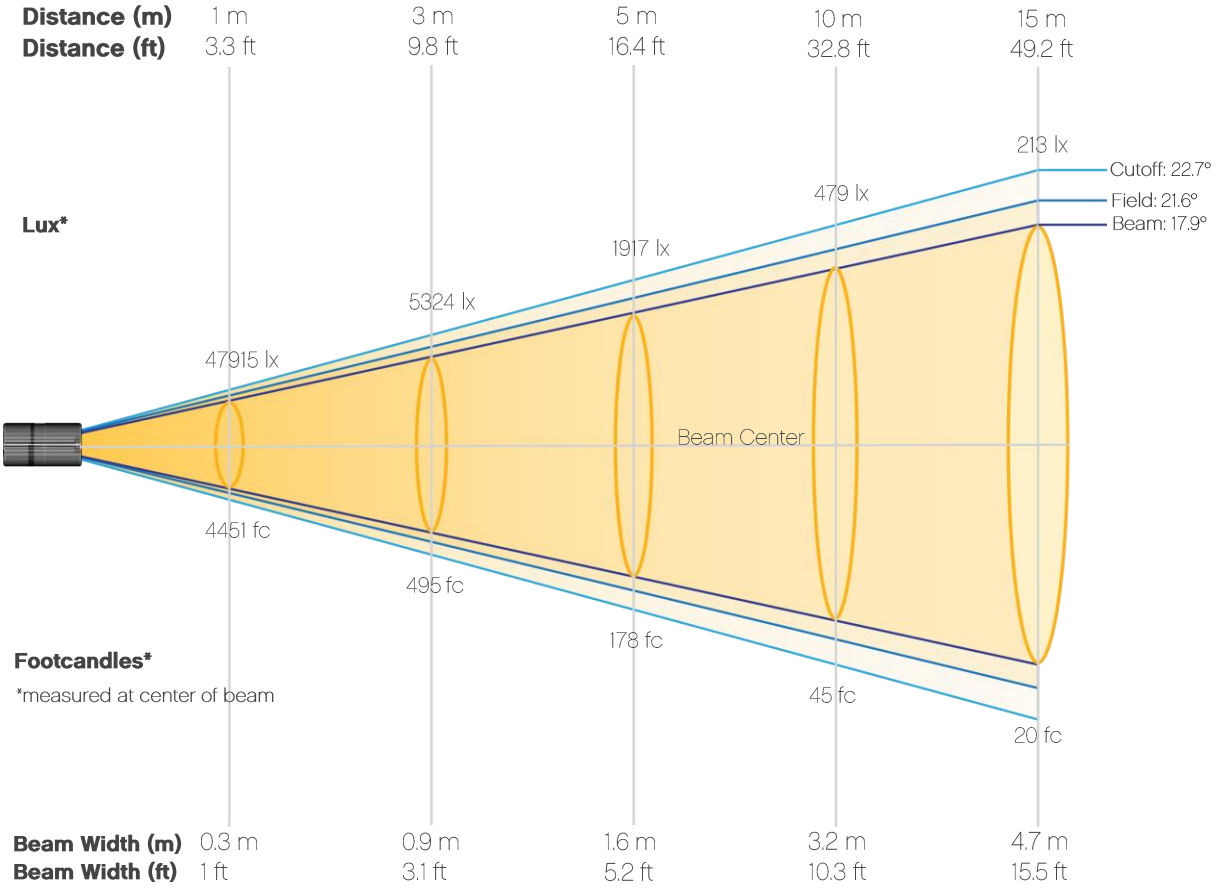
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV35

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	47915	11979	5324	2995	1917	1331	978	749	592	479
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	396	333	284	244	213	187	166	148	133	120
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4451	1113	495	278	178	124	91	70	55	45
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	37	31	26	23	20	17	15	14	12	11

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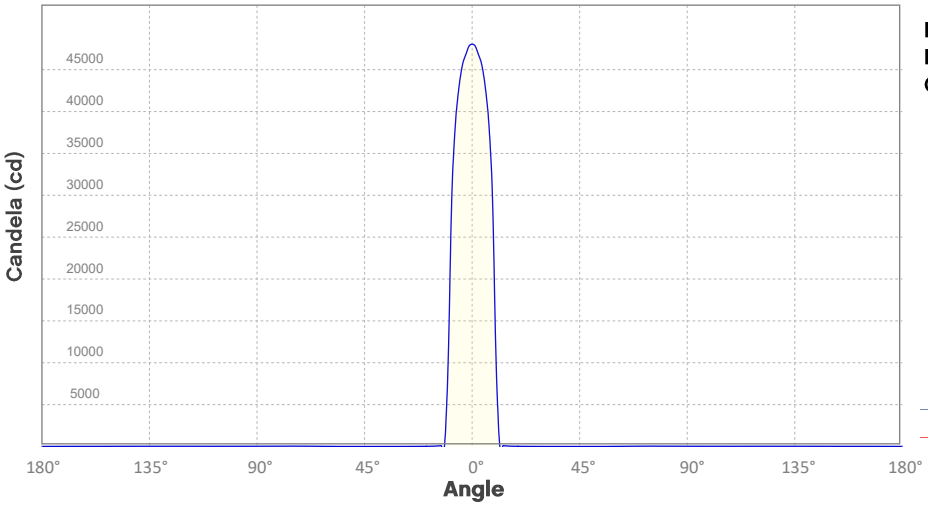
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV35

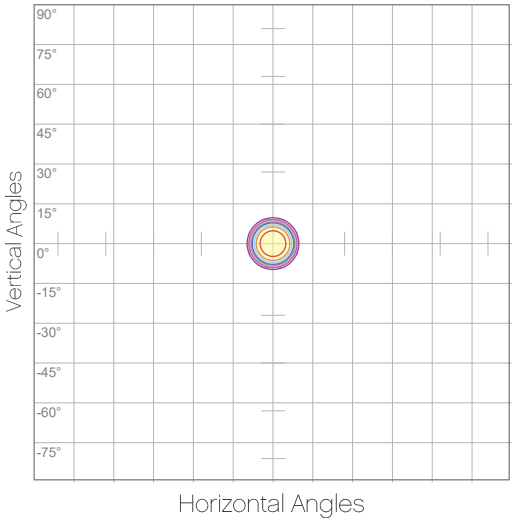
Candela Plot



Beam Angle (50%): 17.9°
Field Angle (10%): 21.6°
Cutoff Angle (3%): 22.7°

Horizontal Distribution
Vertical Distribution

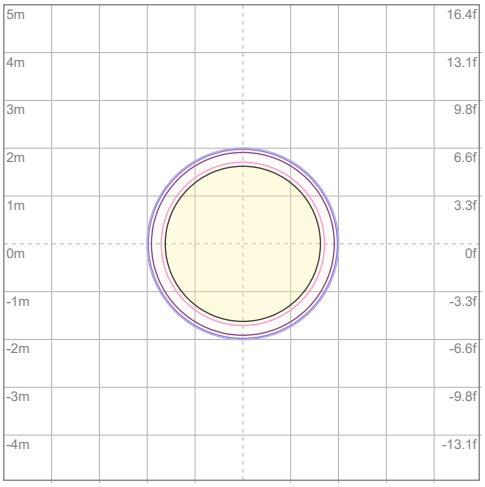
Polar Diagrams



iso-candela Diagram

10%	4791 cd
20%	9583 cd
30%	14374 cd
40%	19166 cd
50%	23957 cd
60%	28749 cd
70%	33540 cd
80%	38332 cd
90%	43123 cd

Conditions:
Number of c-planes: 2
Candela at center: 47915 cd



iso-illuminance Diagram

3%	14.4 lx
5%	24.0 lx
10%	47.9 lx
30%	144 lx
50%	240 lx

Conditions:
Number of c-planes: 2
Lux at center: 479 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom - TV25

Report Summary

Output

Total Lumens: 11954 lm
Peak Intensity: 153430 cd
Illuminance @ 5m: 6137 lux
Fixture Efficacy: 18 lm/W

Optical

Horizontal Beam Angle (50%): 17.8°
Vertical Beam Angle (50%): 17.8°
Horizontal Field Angle (10%): 21.6°
Vertical Field Angle (10%): 21.6°
Horizontal Cutoff Angle (3%): 22.5°
Vertical Cutoff Angle (3%): 22.5°

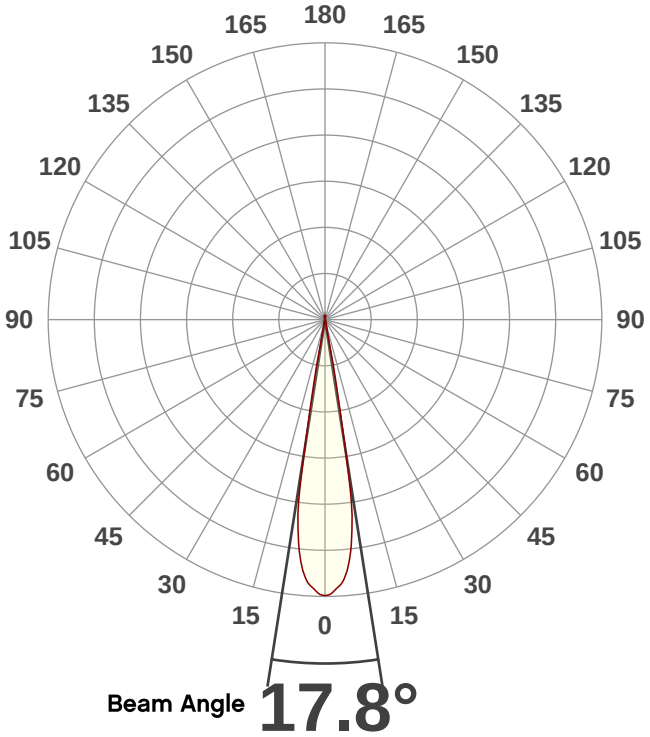
Conditions

AC Supply: 121 V, 0 Hz
Power: 660.38 W
Current: 5.45 A
Power Factor: 1.0

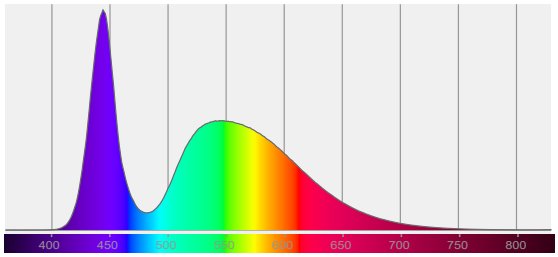
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

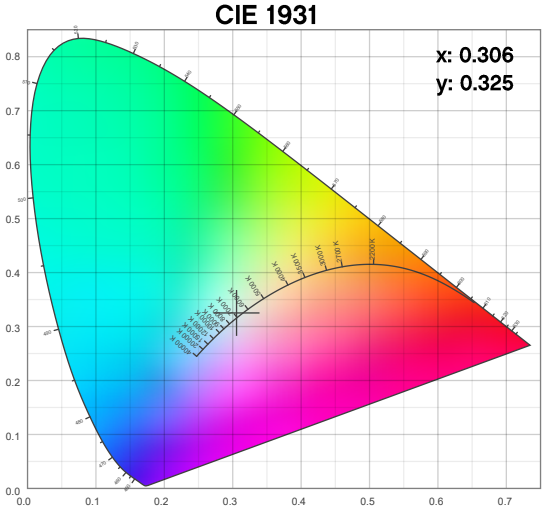
Angular Beam Distribution



Spectral Distribution



CIE 1931



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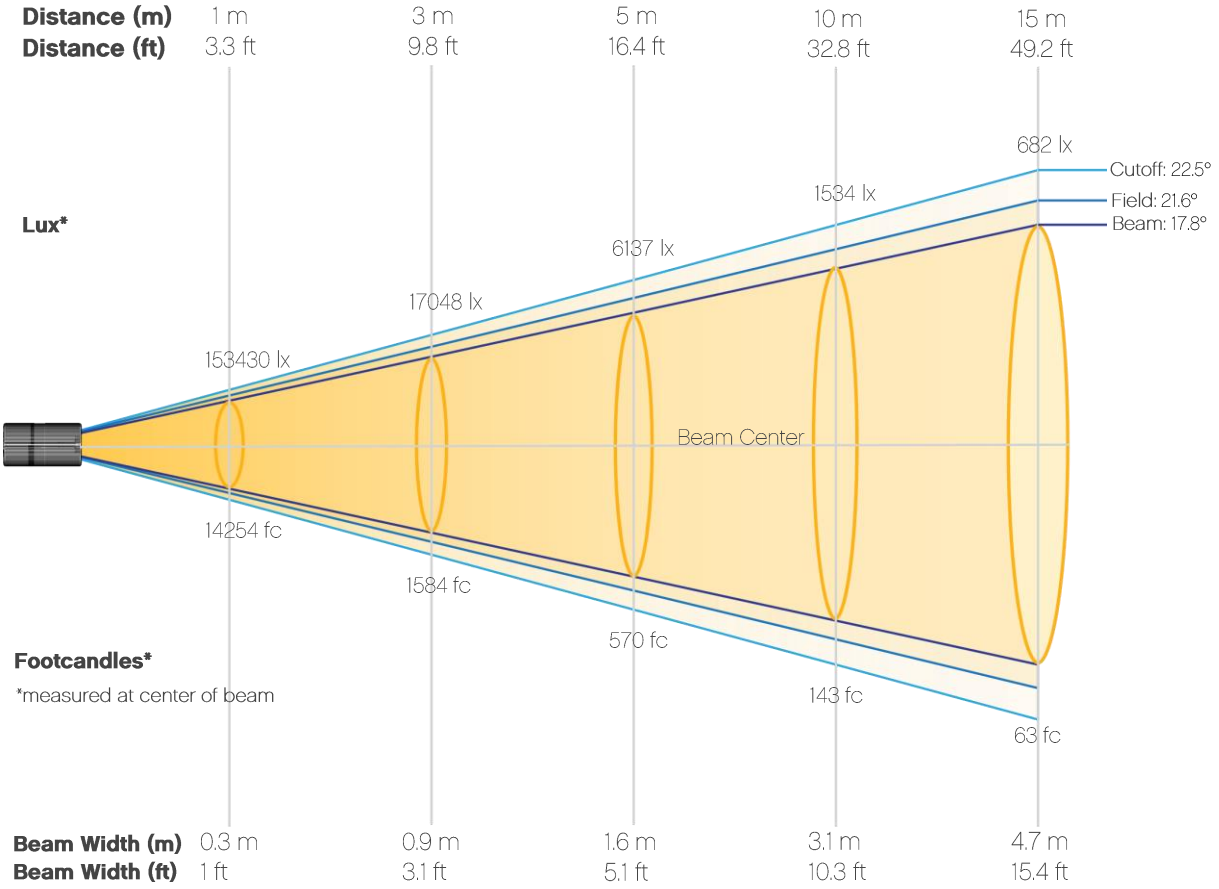
Photometric Report

Maverick Force 1 Spot: 50% Zoom - TV25

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	153430	38358	17048	9589	6137	4262	3131	2397	1894	1534
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1268	1065	908	783	682	599	531	474	425	384
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	14254	3564	1584	891	570	396	291	223	176	143
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	118	99	84	73	63	56	49	44	39	36

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Photometric Report

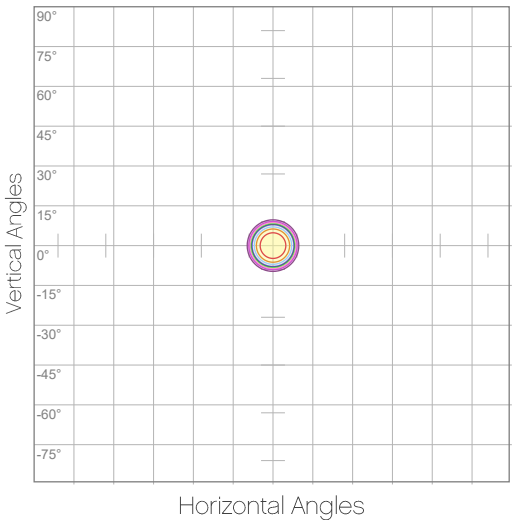
Maverick Force 1 Spot: 50% Zoom - TV25

Candela Plot

Beam Angle (50%): 17.8°
Field Angle (10%): 21.6°
Cutoff Angle (3%): 22.5°

Horizontal Distribution
Vertical Distribution

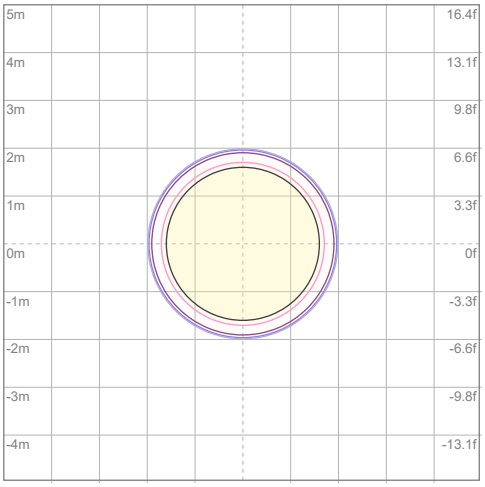
Polar Diagrams



iso-candela Diagram

	10%	15343 cd
	20%	30686 cd
	30%	46029 cd
	40%	61372 cd
	50%	76715 cd
	60%	92058 cd
	70%	107401 cd
	80%	122744 cd
	90%	138087 cd

Conditions:
Number of c-planes: 2
Candela at center: 153430 cd



iso-illuminance Diagram

	3%	46.0 lx
	5%	76.7 lx
	10%	153 lx
	30%	460 lx
	50%	767 lx

Conditions:
Number of c-planes: 2
Lux at center: 1534 lx

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

Mounting height: 10 meters / 33 feet

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Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV25

Report Summary

Output

Total Lumens: 4603 lm
Peak Intensity: 59015 cd
Illuminance @ 5m: 2361 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 18.4°
Vertical Beam Angle (50%): 18.4°
Horizontal Field Angle (10%): 20.6°
Vertical Field Angle (10%): 20.6°
Horizontal Cutoff Angle (3%): 21°
Vertical Cutoff Angle (3%): 21°

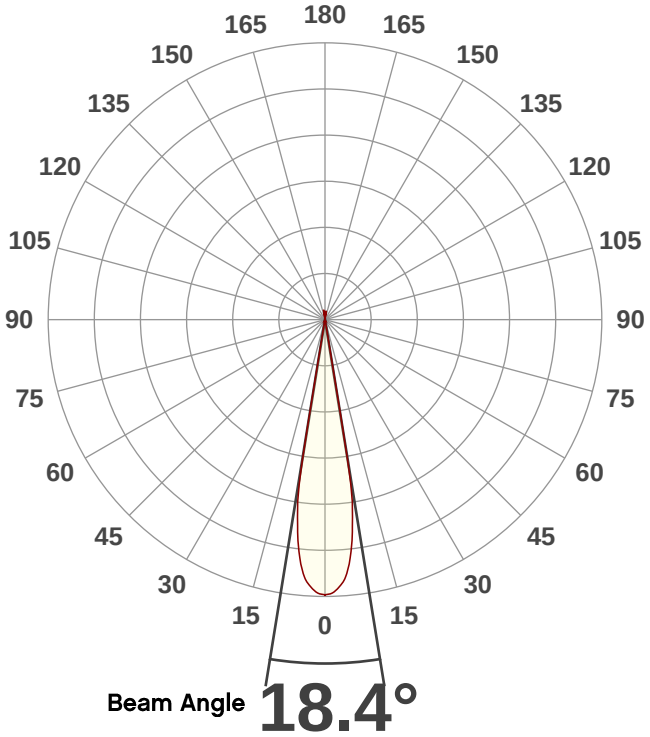
Conditions

AC Supply: 122 V, 0 Hz
Power: 659.95 W
Current: 5.42 A
Power Factor: 1.0

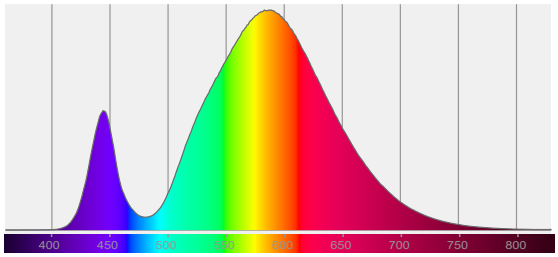
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 8/27/2020 to LM-63-2002 Standards.

Overall Measurement

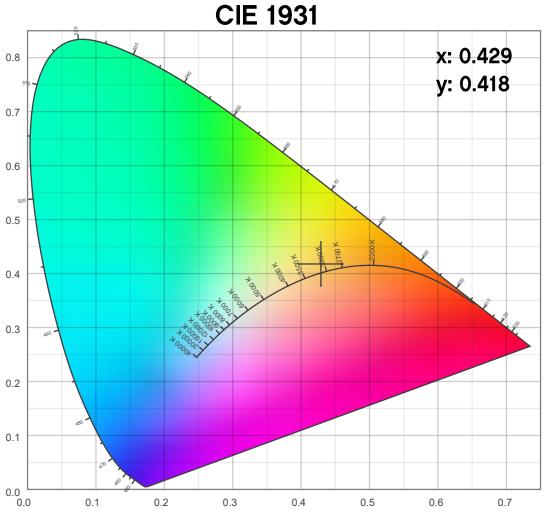
Angular Beam Distribution



Spectral Distribution



CIE 1931



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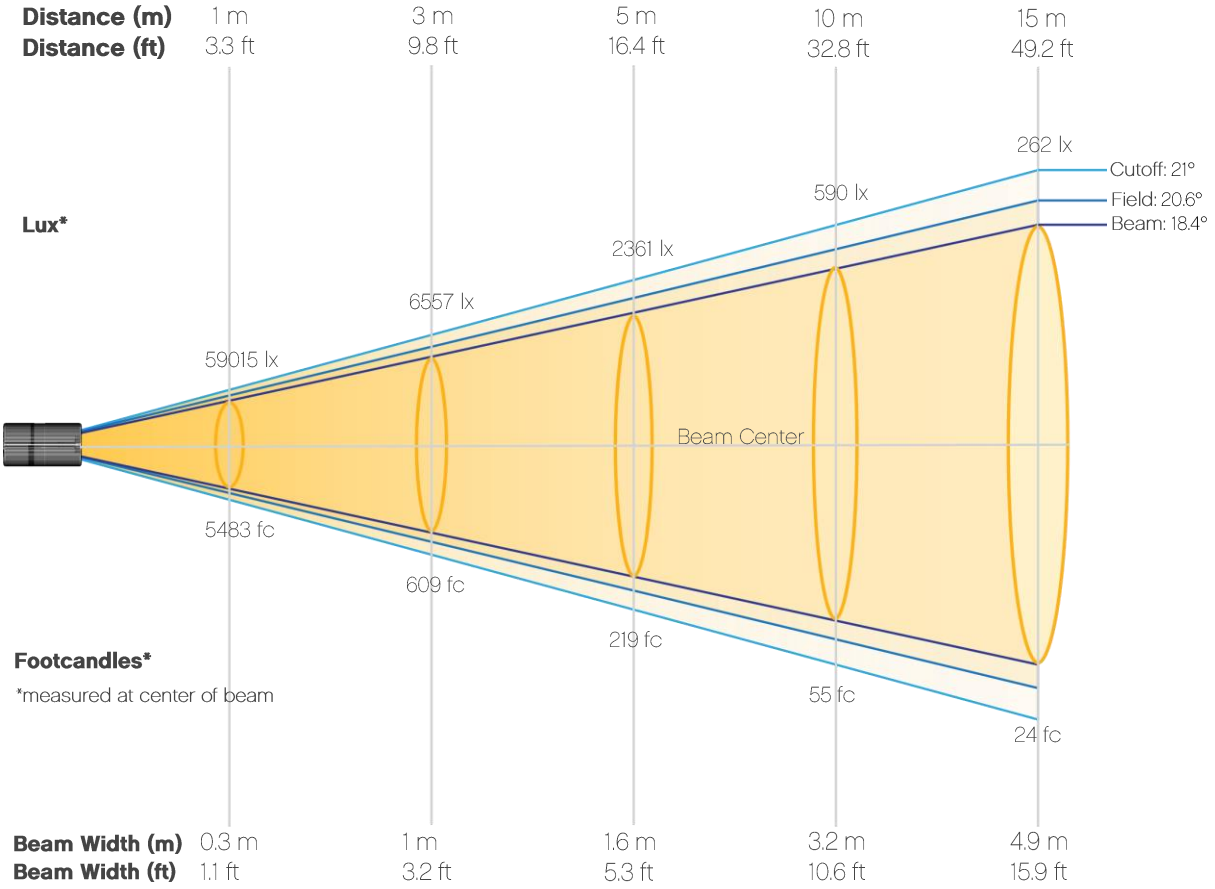
Photometric Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV25

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	59015	14754	6557	3688	2361	1639	1204	922	729	590
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	488	410	349	301	262	231	204	182	163	148
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5483	1371	609	343	219	152	112	86	68	55
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	45	38	32	28	24	21	19	17	15	14

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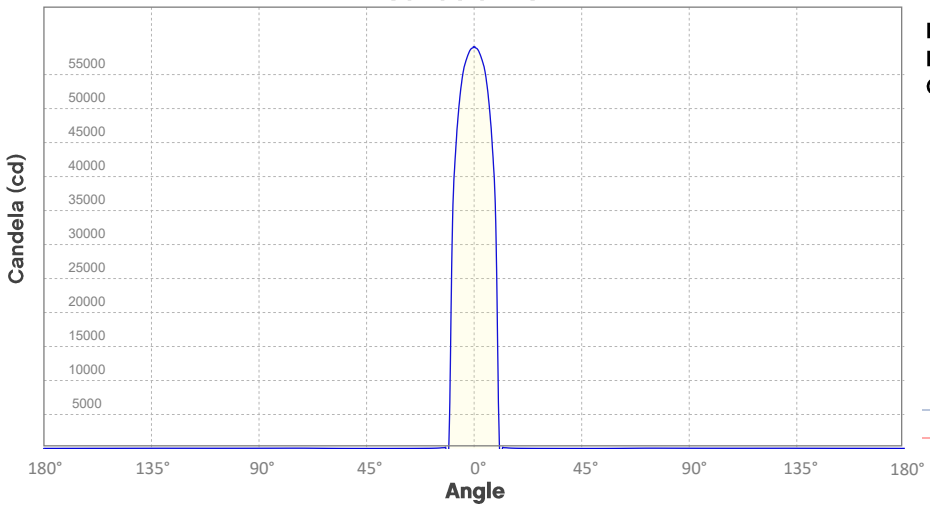
Photometric Report

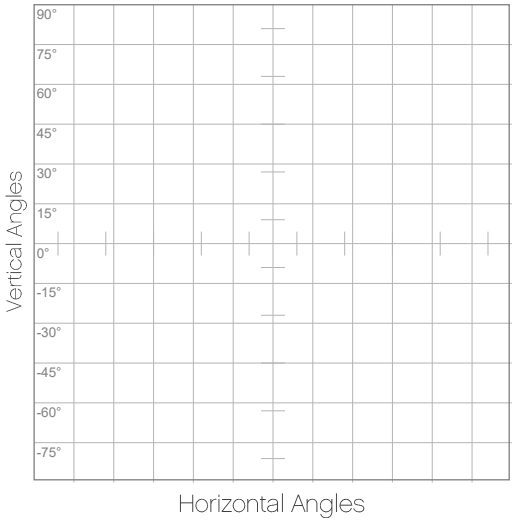
Maverick Force 1 Spot: 50% Zoom with CTO - TV25

Candela Plot



Beam Angle (50%): 18.4°
Field Angle (10%): 20.6°
Cutoff Angle (3%): 21°

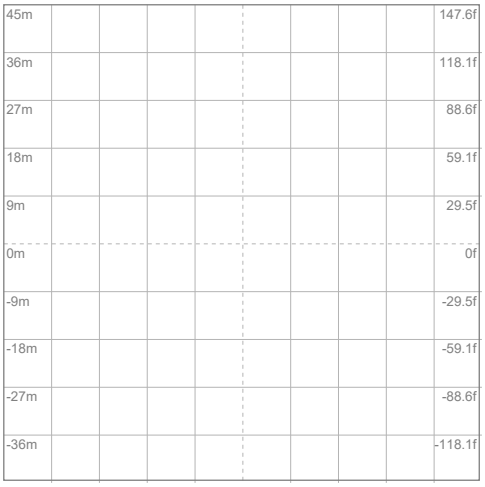
Polar Diagrams



iso-candela Diagram

10%	5901 cd
20%	11803 cd
30%	17704 cd
40%	23606 cd
50%	29507 cd
60%	35409 cd
70%	41310 cd
80%	47212 cd
90%	53113 cd

Conditions:
Number of c-planes: 2
Candela at center: 59015 cd



iso-illuminance Diagram

3%	17.7 lx
5%	29.5 lx
10%	59.0 lx
30%	177 lx
50%	295 lx

Conditions:
Number of c-planes: 2
Lux at center: 590 lx

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

Mounting height: 10 meters / 33 feet

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Chromaticity Report

Maverick Force 1 Spot: Full Flood - Full Power

Report Summary

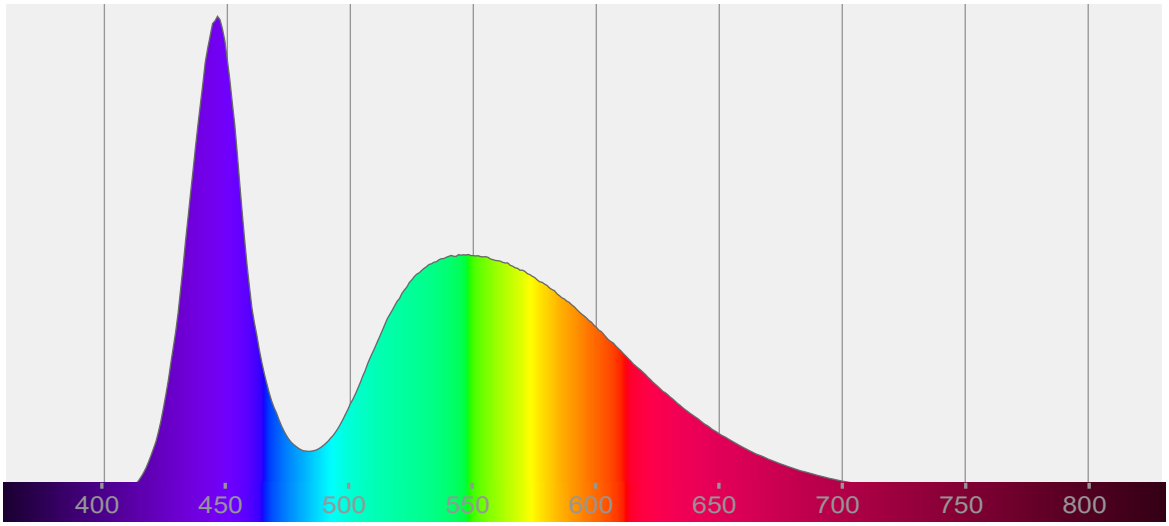
Measurements

Total Lumens: 21172 lm
Peak Intensity: 44834 cd
Fixture Efficacy: 32 lm/W

Correlated Color Temperature: 709
Δuv: 0.0010

CRI: 68.8 CRI R9 Value: -37.0
CQS: 68.4
TLCI: 46
TM-30-18 Rf: 66.1
TM-30-18 Rg: 93.6
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7099 K
CIE 1931 Coordinates:
X: 0.304 Y: 0.322

Color Temperature

7099 K

Light Quality

CRI: 68.8

Notes:

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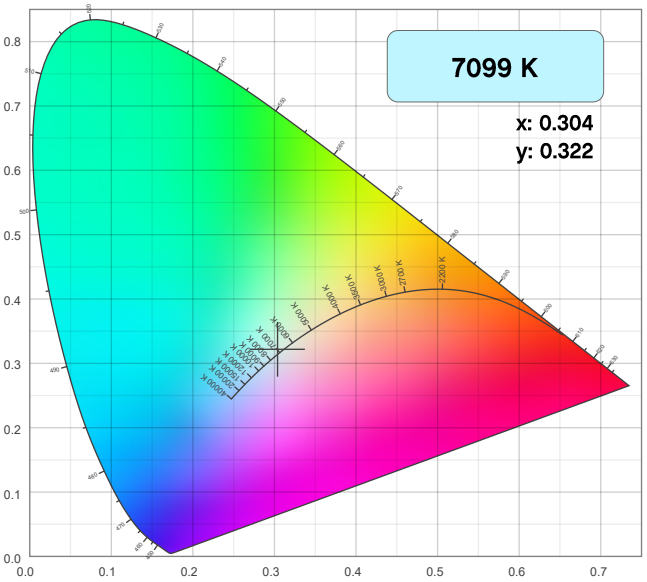
Chromaticity Report

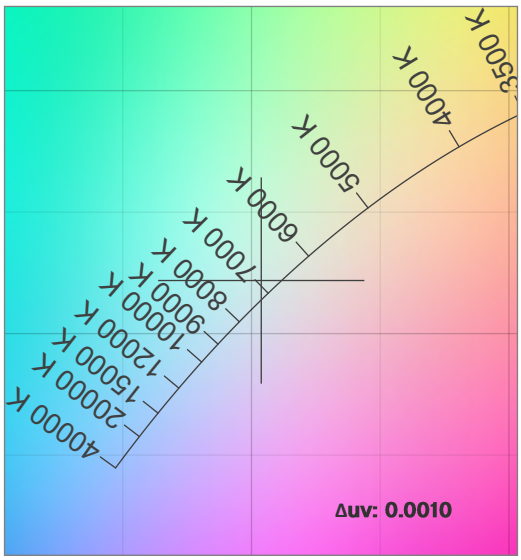
Maverick Force 1 Spot: Full Flood - Full Power

Chromaticity

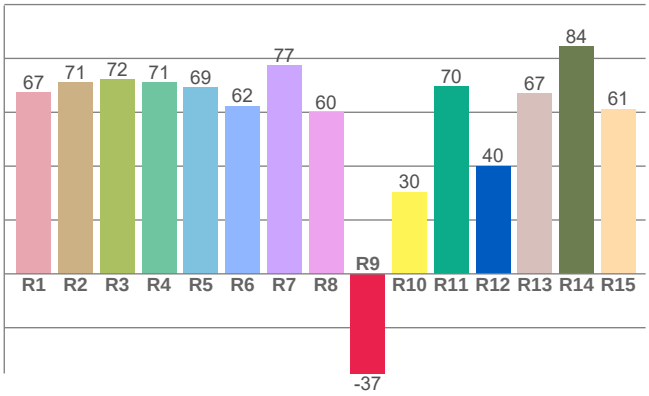
CIE 1931



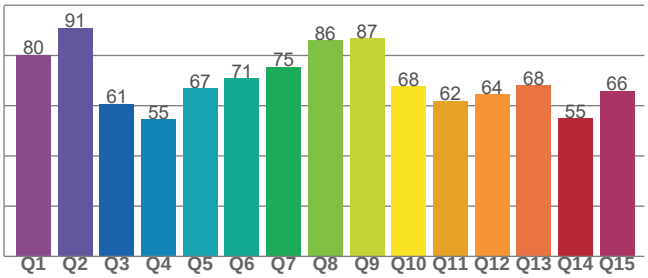
CIE 1931 - Zoom



CRI: 68.8 (R1-R8)



CQS: 68.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7099 K	0.304	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0010	0.322	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.8	-37.0	68.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	66.1	93.6

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Chromaticity Report

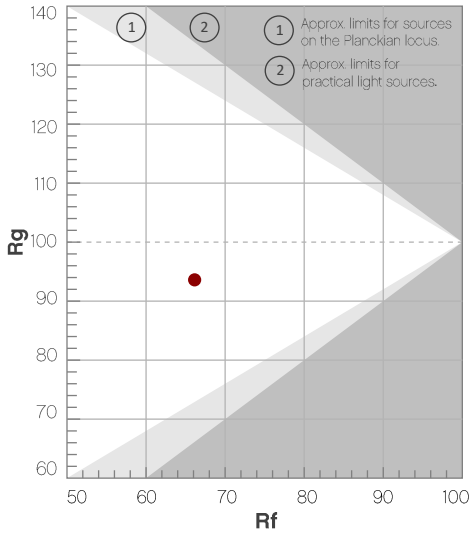
Maverick Force 1 Spot: Full Flood - Full Power

TM-30-18 Details

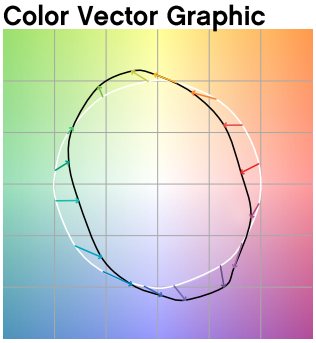
Rf 66.1
Fidelity Index (Rg)

Rg 93.6
Gamut Index (Rg)

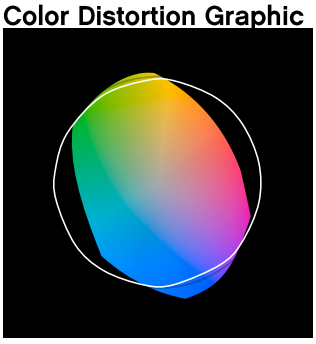
Hue Bin	R_f	Chroma Shift	Hue Shift
1	61	-19%	-5%
2	65	-15%	10%
3	58	-8%	23%
4	59	4%	23%
5	67	13%	14%
6	80	10%	-2%
7	88	-1%	-7%
8	72	-11%	-10%
9	72	-22%	4%
10	57	-15%	23%
11	33	-5%	30%
12	64	6%	18%
13	77	16%	8%
14	73	19%	-8%
15	65	7%	-24%
16	71	-5%	-15%



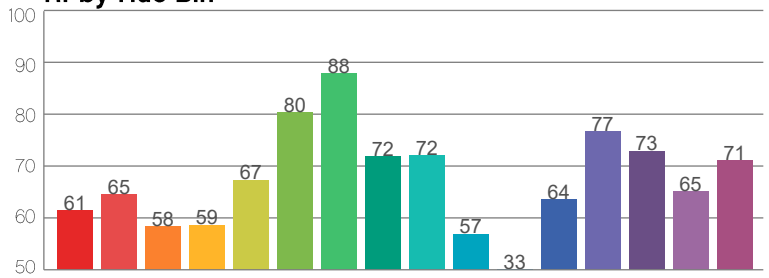
Color Vector Graphic



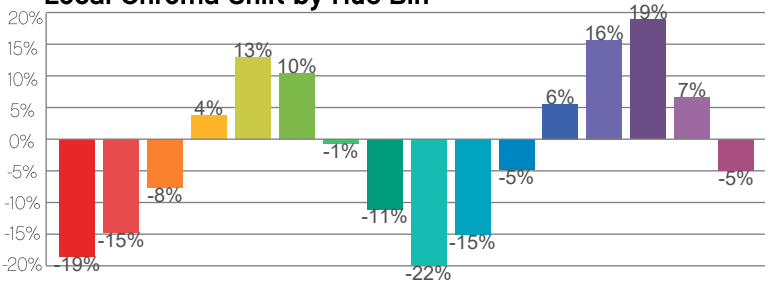
Color Distortion Graphic



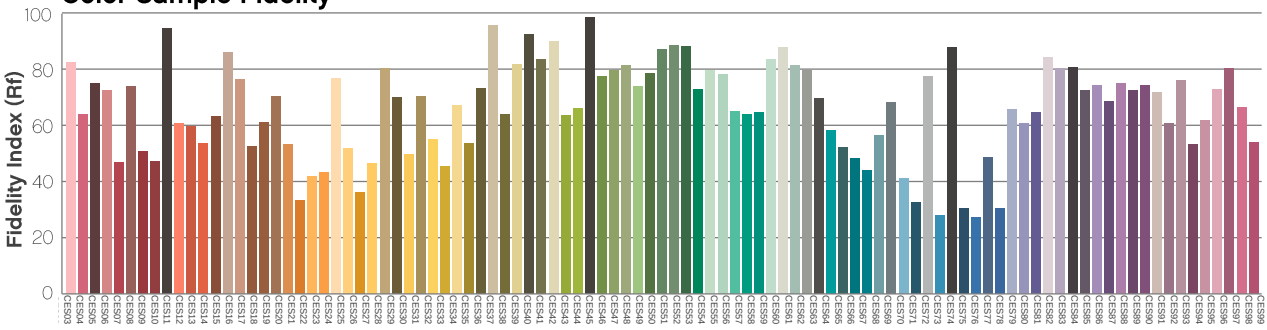
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Flood with CTO - Full Power

Report Summary

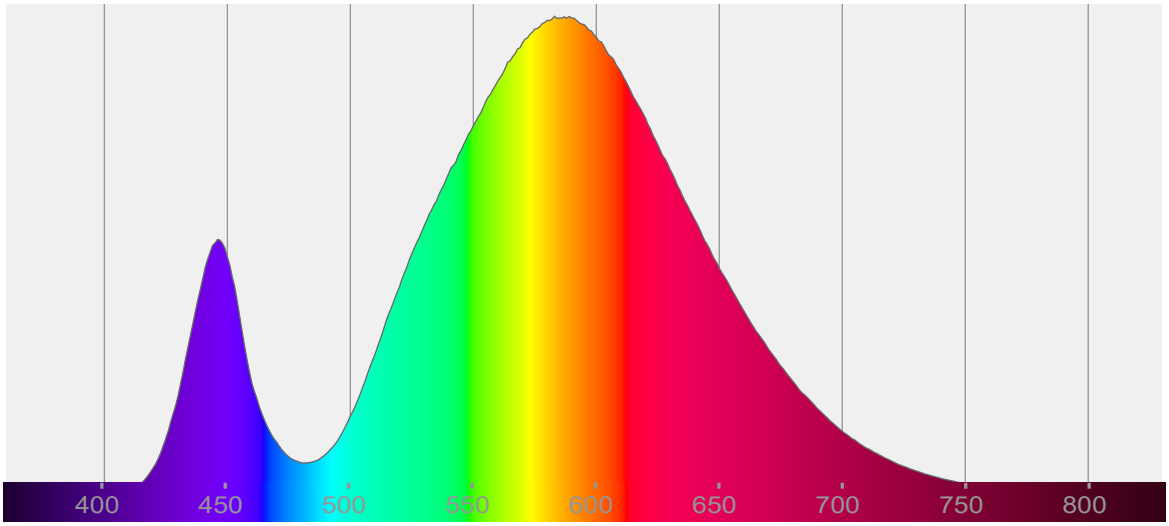
Measurements

Total Lumens: 8104 lm
Peak Intensity: 17180 cd
Fixture Efficacy: 12 lm/W

Correlated Color Temperature: 324
Δuv: 0.0058

CRI: 67.2 CRI R9 Value: -39.1
CQS: 68.7
TLCI: 42
TM-30-18 Rf: 68.1
TM-30-18 Rg: 93.2
1st Dominant Wavelength: 583 nM
2nd Dominant Wavelength: 446 nM

Spectral Distribution



Tested Color

3242 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.415

Color Temperature

3242 K

Light Quality

CRI: 67.2

Notes:

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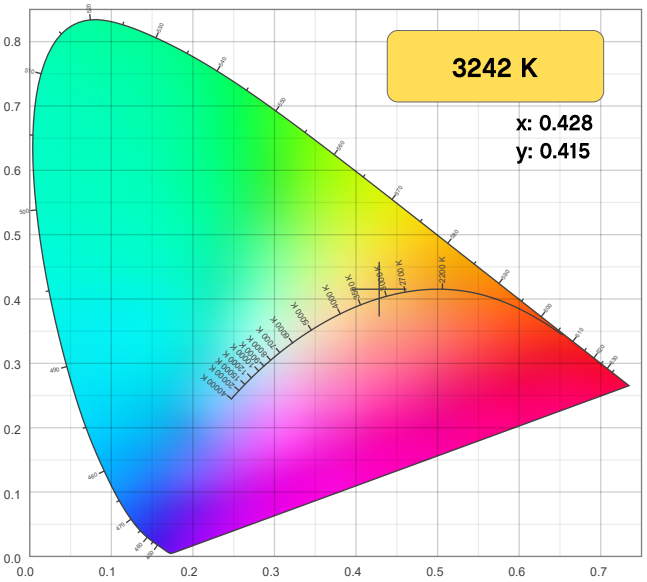
Chromaticity Report

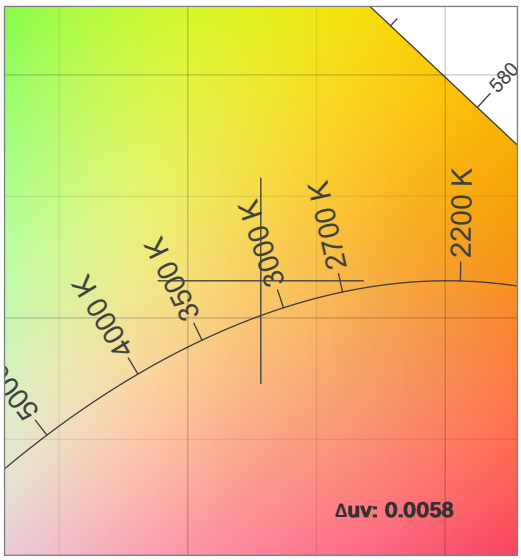
Maverick Force 1 Spot: Full Flood with CTO - Full Power

Chromaticity

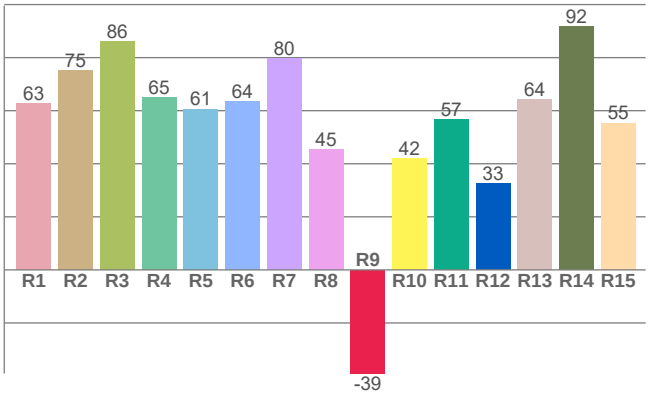
CIE 1931



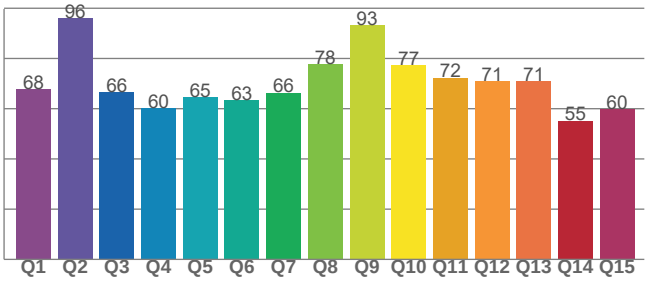
CIE 1931 - Zoom



CRI: 67.2 (R1-R8)



CQS: 68.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3242 K	0.428	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0058	0.415	0.240

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.2	-39.1	68.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
42	68.1	93.2

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Chromaticity Report

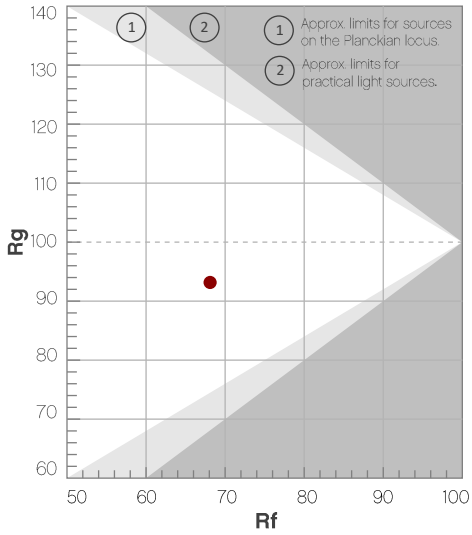
Maverick Force 1 Spot: Full Flood with CTO - Full Power

TM-30-18 Details

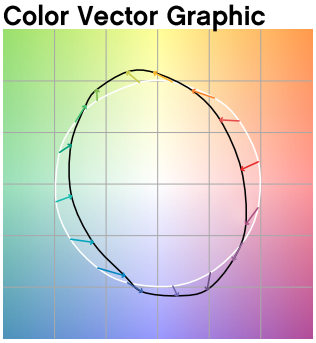
Rf 68.1
Fidelity Index (Rg)

Rg 93.2
Gamut Index (Rg)

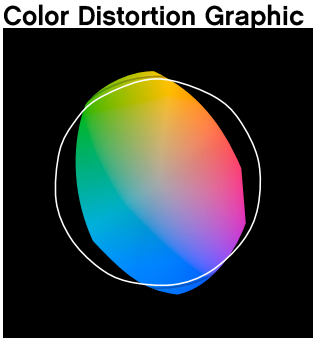
Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-4%
2	64	-15%	11%
3	53	-6%	22%
4	64	6%	19%
5	79	12%	10%
6	81	9%	-6%
7	68	1%	-18%
8	77	-9%	-9%
9	74	-16%	-2%
10	57	-16%	15%
11	55	-8%	26%
12	73	6%	16%
13	82	10%	3%
14	75	12%	-12%
15	66	2%	-19%
16	70	-8%	-18%



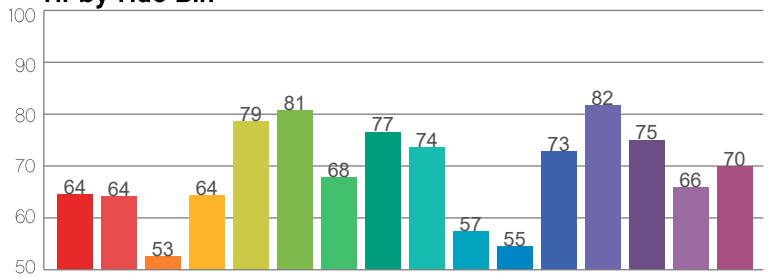
Color Vector Graphic



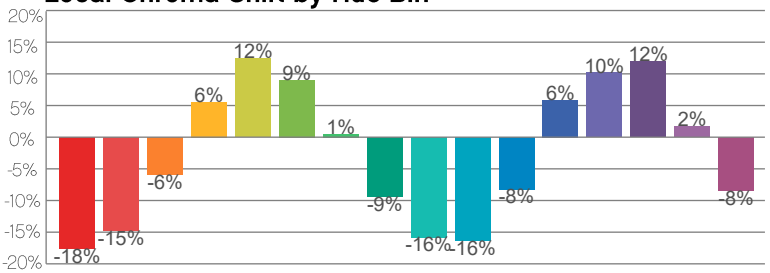
Color Distortion Graphic



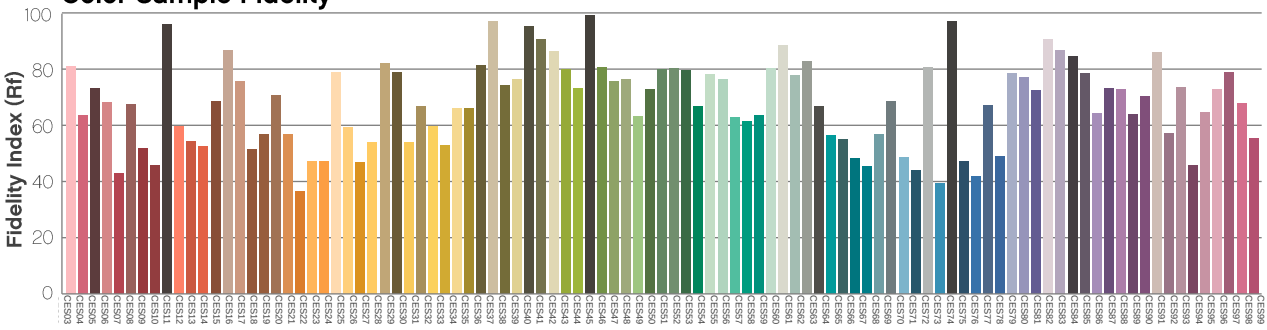
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Flood - TV35

Report Summary

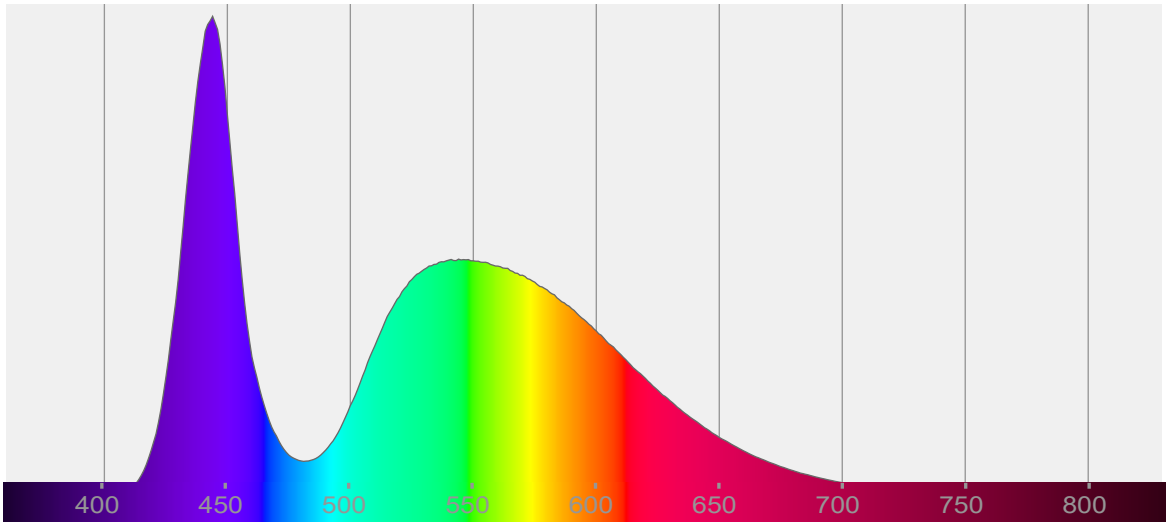
Measurements

Total Lumens: 10067 lm
Peak Intensity: 21429 cd
Fixture Efficacy: 15 lm/W

Correlated Color Temperature: 695
Δuv: 0.0020

CRI: 66.9 CRI R9 Value: -43.8
CQS: 67.9
TLCI: 43
TM-30-18 Rf: 64.3
TM-30-18 Rg: 94.0
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 544 nM

Spectral Distribution



Tested Color

6959 K
CIE 1931 Coordinates:
X: 0.305 Y: 0.325

Color Temperature

6959 K

Light Quality

CRI: 66.9

Notes:

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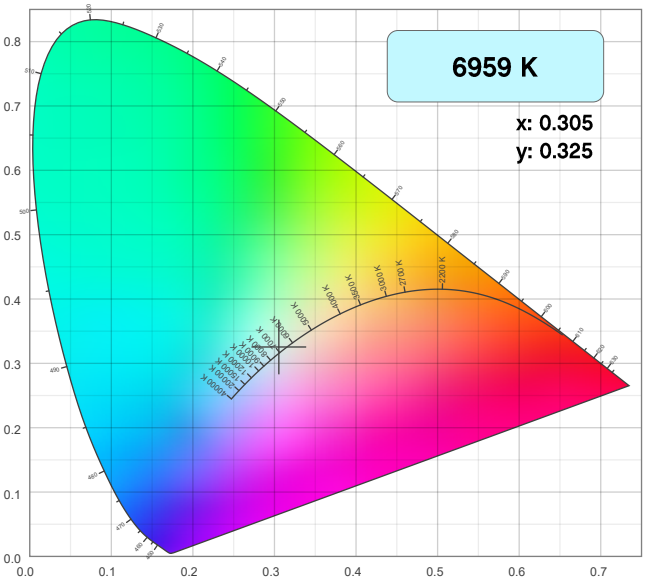
Chromaticity Report

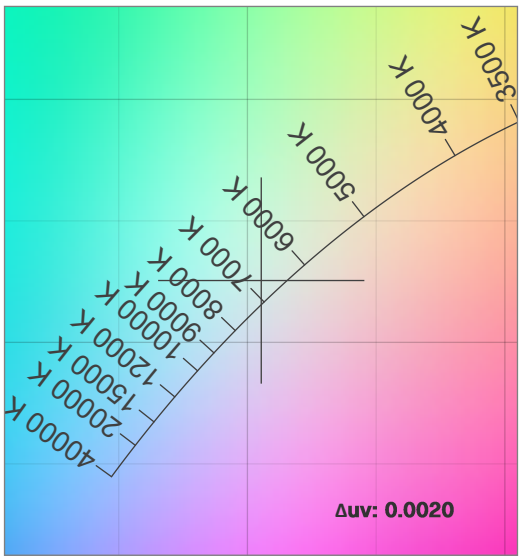
Maverick Force 1 Spot: Full Flood - TV35

Chromaticity

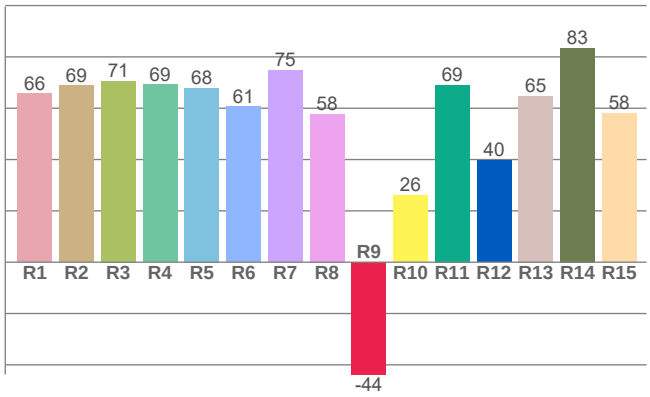
CIE 1931



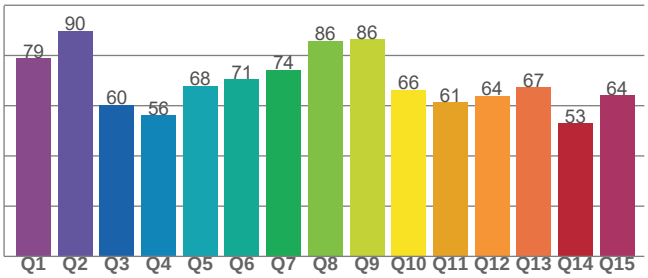
CIE 1931 - Zoom



CRI: 66.9 (R1-R8)



CQS: 67.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6959 K	0.305	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0020	0.325	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.9	-43.8	67.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
43	64.3	94.0

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Chromaticity Report

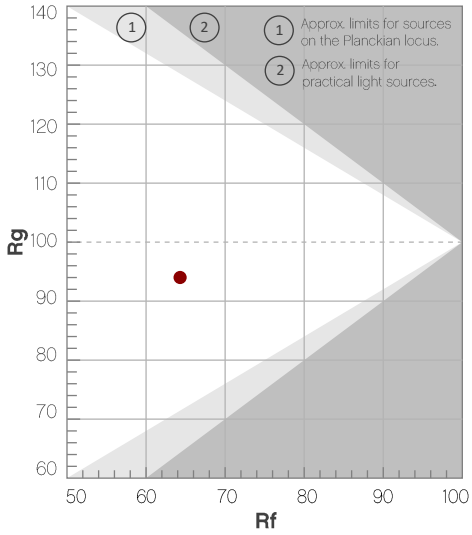
Maverick Force 1 Spot: Full Flood - TV35

TM-30-18 Details

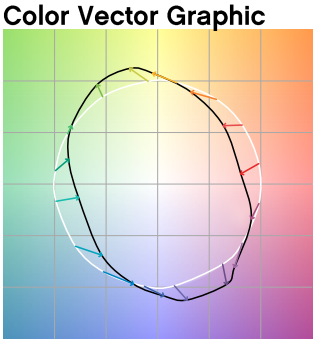
Rf 64.3
Fidelity Index (Rg)

Rg 94.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	63	-15%	10%
3	56	-8%	24%
4	56	4%	24%
5	63	16%	15%
6	77	13%	-2%
7	86	1%	-8%
8	69	-10%	-13%
9	72	-22%	1%
10	58	-16%	21%
11	31	-6%	31%
12	61	5%	20%
13	76	16%	9%
14	74	18%	-8%
15	65	7%	-23%
16	69	-4%	-16%

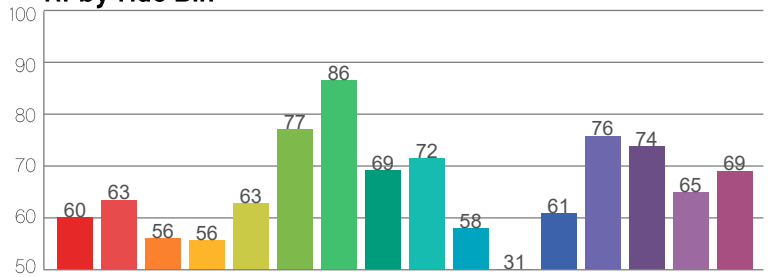


Color Vector Graphic

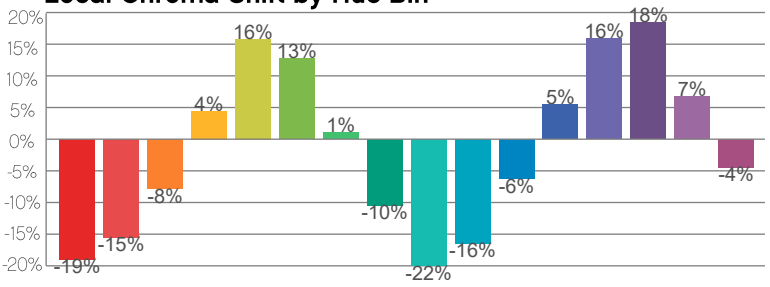


Color Distortion Graphic

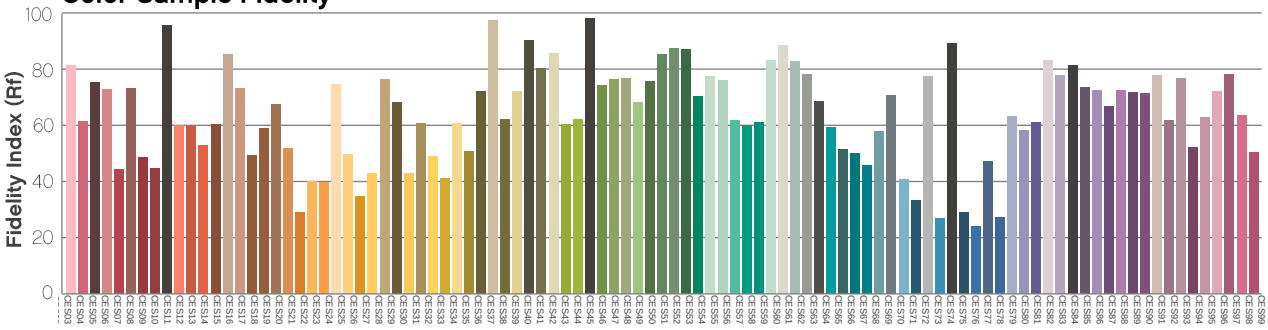
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Flood with CTO - TV35

Report Summary

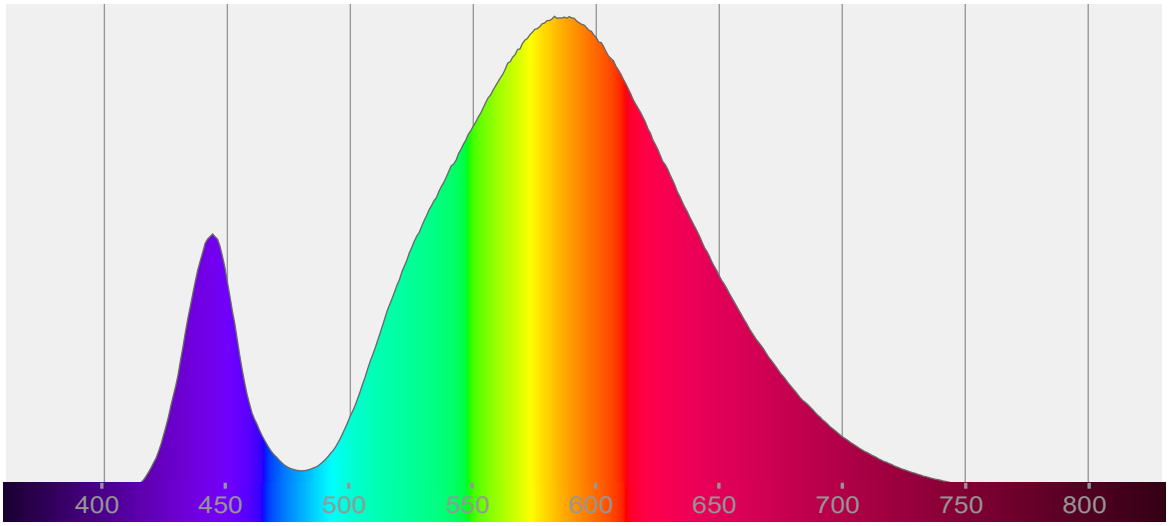
Measurements

Total Lumens: 3898 lm
Peak Intensity: 8248 cd
Fixture Efficacy: 6 lm/W

Correlated Color Temperature: 325
Δuv: 0.0069

CRI: 66.5 CRI R9 Value: -43.0
CQS: 68.3
TLCI: 40
TM-30-18 Rf: 67.0
TM-30-18 Rg: 93.4
1st Dominant Wavelength: 583 nM
2nd Dominant Wavelength: 444 nM

Spectral Distribution



Tested Color

3255 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.418

Color Temperature

3255 K

Light Quality

CRI: 66.5

Notes:

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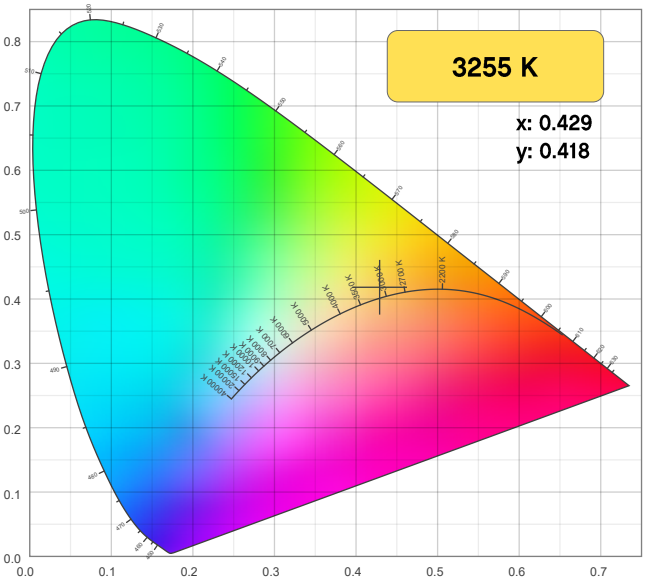
Chromaticity Report

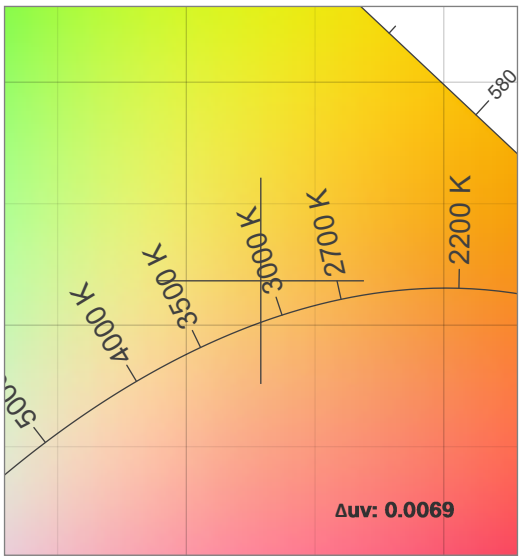
Maverick Force 1 Spot: Full Flood with CTO - TV35

Chromaticity

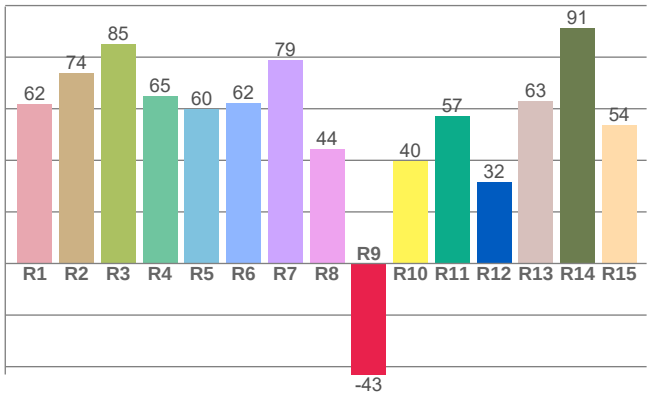
CIE 1931



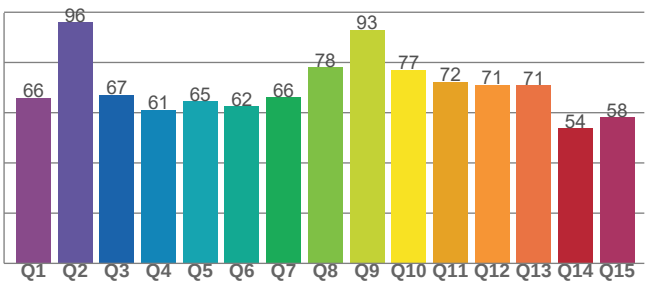
CIE 1931 - Zoom



CRI: 66.5 (R1-R8)



CQS: 68.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3255 K	0.429	0.418

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0069	0.418	0.240

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.5	-43.0	68.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
40	67.0	93.4

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Chromaticity Report

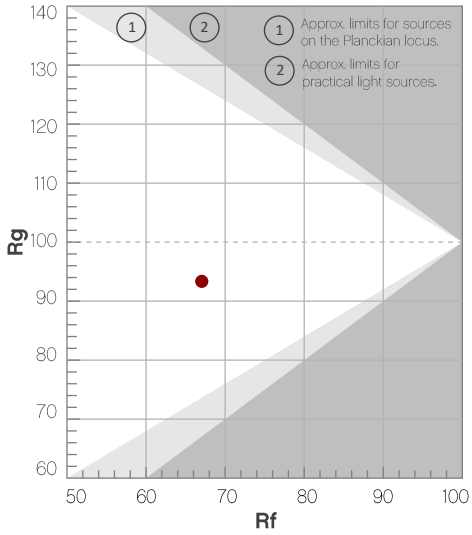
Maverick Force 1 Spot: Full Flood with CTO - TV35

TM-30-18 Details

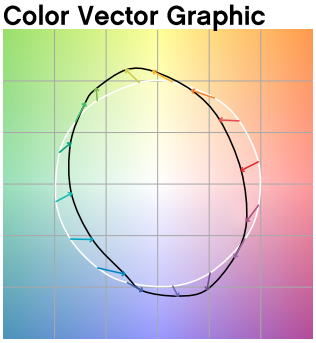
Rf 67.0
Fidelity Index (Rg)

Rg 93.4
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-5%
2	63	-15%	11%
3	52	-6%	22%
4	62	7%	20%
5	76	15%	11%
6	79	10%	-6%
7	65	2%	-20%
8	76	-9%	-11%
9	72	-16%	-5%
10	58	-18%	12%
11	55	-10%	25%
12	72	5%	16%
13	81	10%	3%
14	75	12%	-11%
15	67	1%	-20%
16	70	-8%	-18%

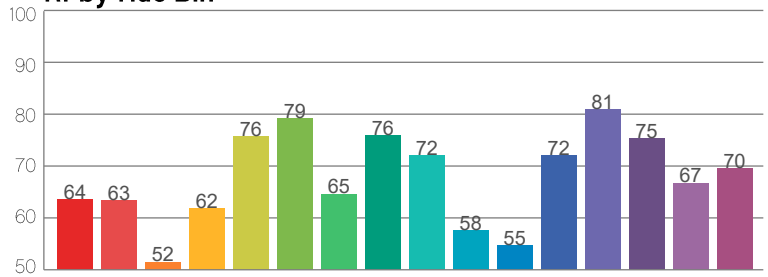


Color Vector Graphic

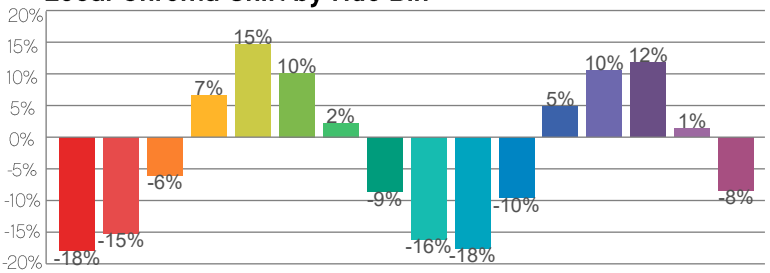


Color Distortion Graphic

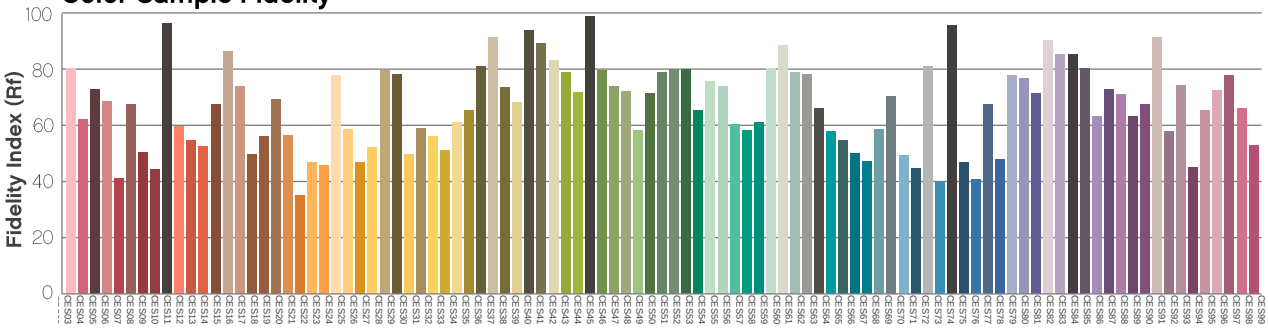
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Flood - TV25

Report Summary

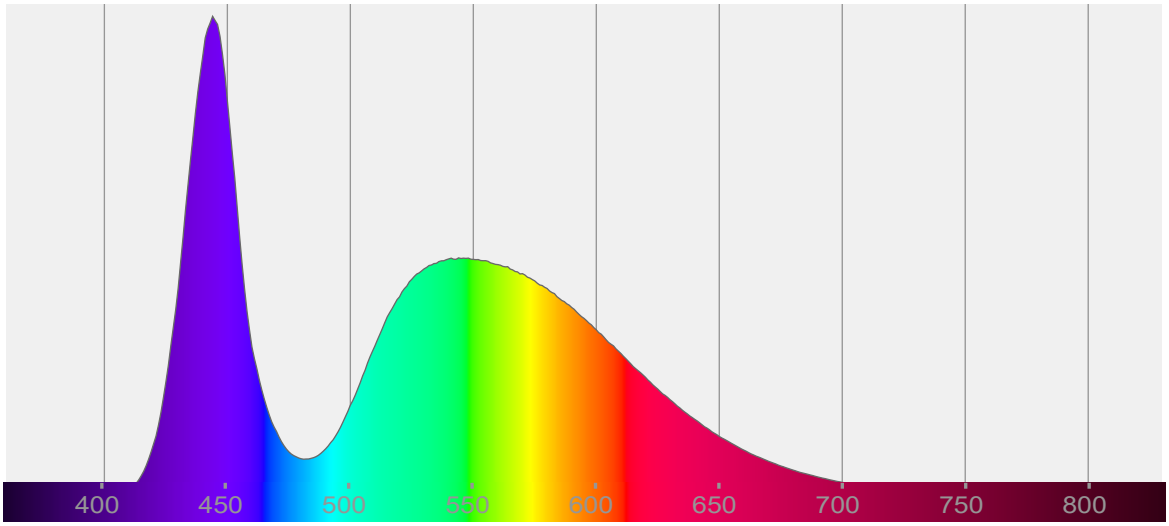
Measurements

Total Lumens: 12384 lm
Peak Intensity: 26302 cd
Fixture Efficacy: 19 lm/W

Correlated Color Temperature: 697
Δuv: 0.0018

CRI: 67.3 CRI R9 Value: -42.3
CQS: 68.0
TLCI: 44
TM-30-18 Rf: 64.7
TM-30-18 Rg: 93.9
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 544 nM

Spectral Distribution



Tested Color

6976 K
CIE 1931 Coordinates:
X: 0.305 Y: 0.325

Color Temperature

6976 K

Light Quality

CRI: 67.3

Notes:

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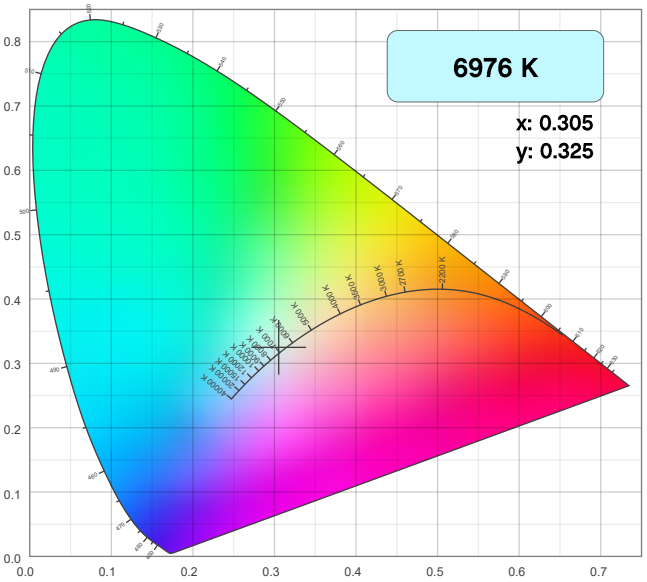
Chromaticity Report

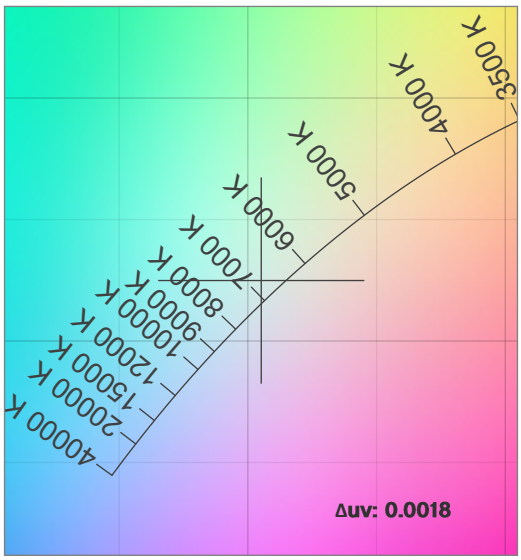
Maverick Force 1 Spot: Full Flood - TV25

Chromaticity

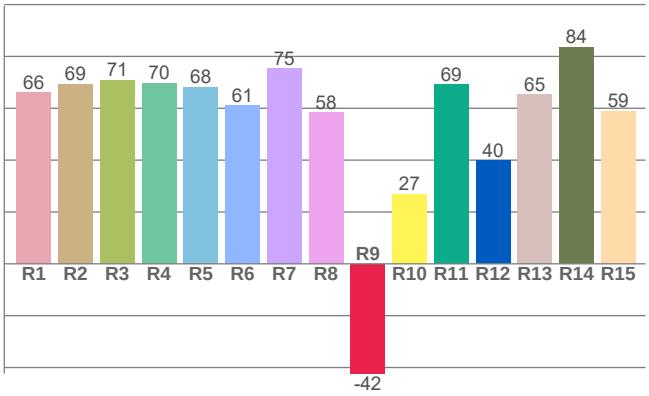
CIE 1931



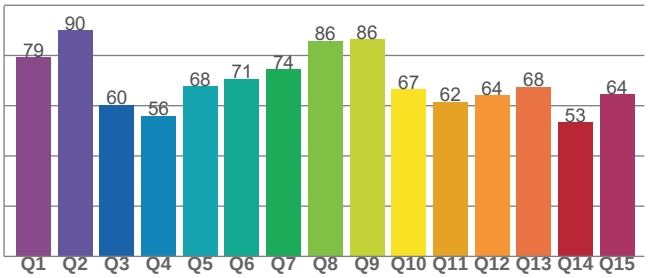
CIE 1931 - Zoom



CRI: 67.3 (R1-R8)



CQS: 68.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6976 K	0.305	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0018	0.325	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.3	-42.3	68.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	64.7	93.9

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Chromaticity Report

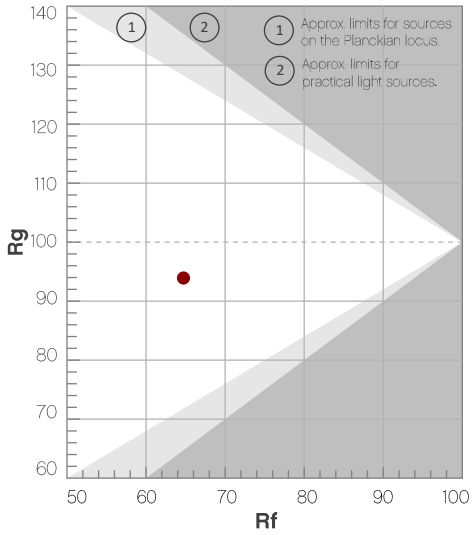
Maverick Force 1 Spot: Full Flood - TV25

TM-30-18 Details

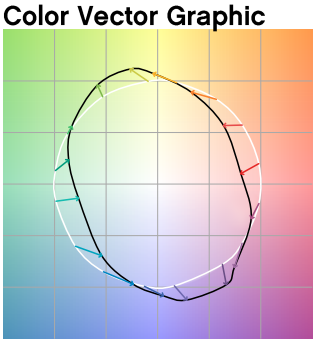
Rf 64.7
Fidelity Index (Rg)

Rg 93.9
Gamut Index (Rg)

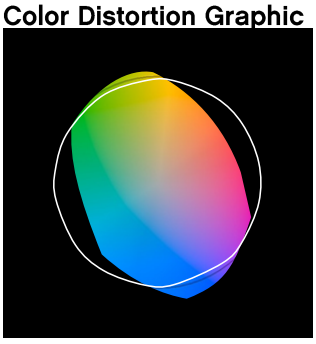
Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	64	-15%	10%
3	57	-8%	24%
4	56	4%	24%
5	64	15%	15%
6	78	12%	-2%
7	87	1%	-8%
8	70	-11%	-13%
9	72	-22%	1%
10	58	-16%	22%
11	31	-6%	31%
12	61	5%	20%
13	76	16%	9%
14	74	19%	-8%
15	65	7%	-23%
16	70	-5%	-16%



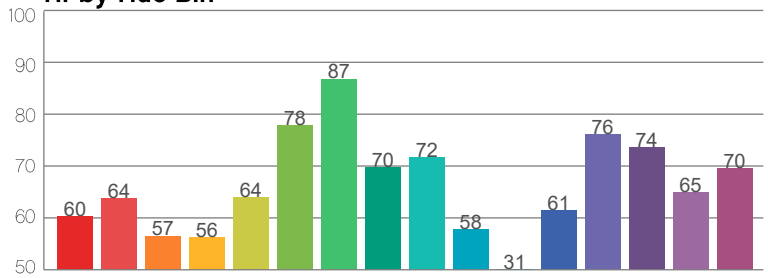
Color Vector Graphic



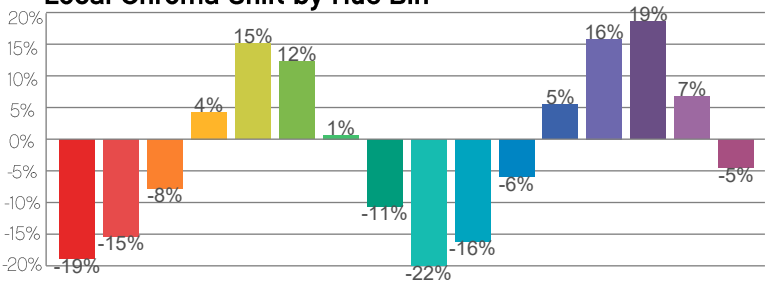
Color Distortion Graphic



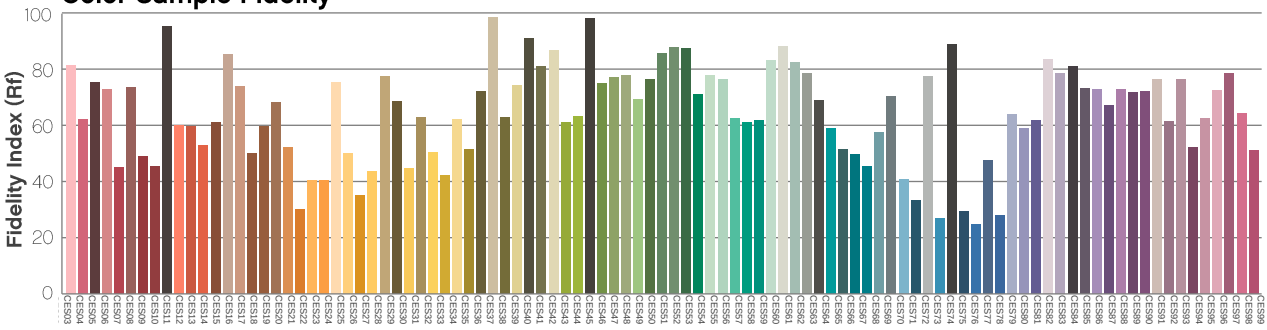
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot - Full Power

Report Summary

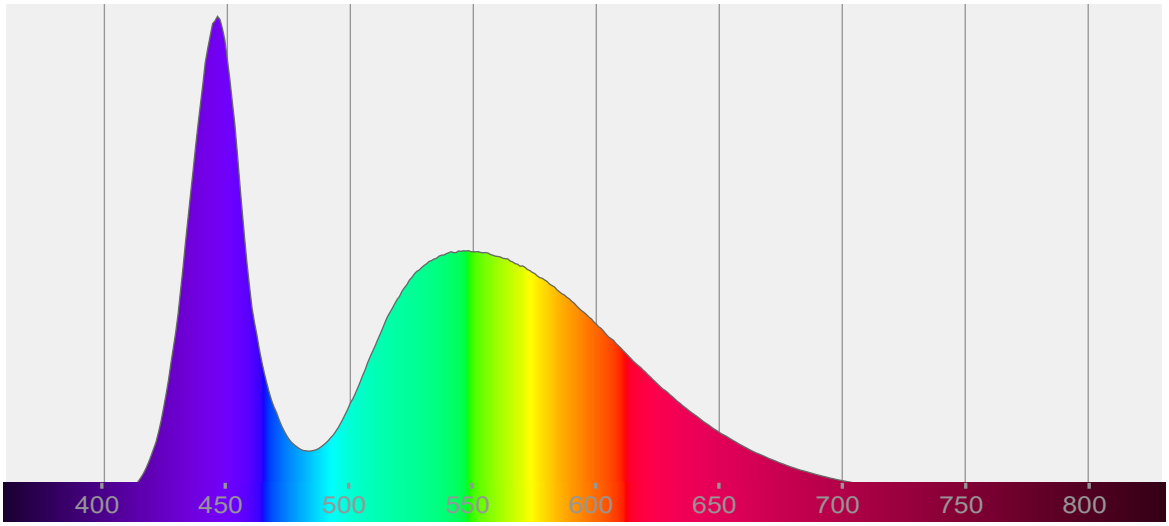
Measurements

Total Lumens: 10993 lm
Peak Intensity: 1087119 cd
Fixture Efficacy: 17 lm/W

Correlated Color Temperature: 699
Δuv: 0.0012

CRI: 68.7 CRI R9 Value: -37.8
CQS: 68.3
TLCI: 46
TM-30-18 Rf: 66.1
TM-30-18 Rg: 93.5
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

6991 K
CIE 1931 Coordinates:
X: 0.305 Y: 0.324

Color Temperature

6991 K

Light Quality

CRI: 68.7

Notes:

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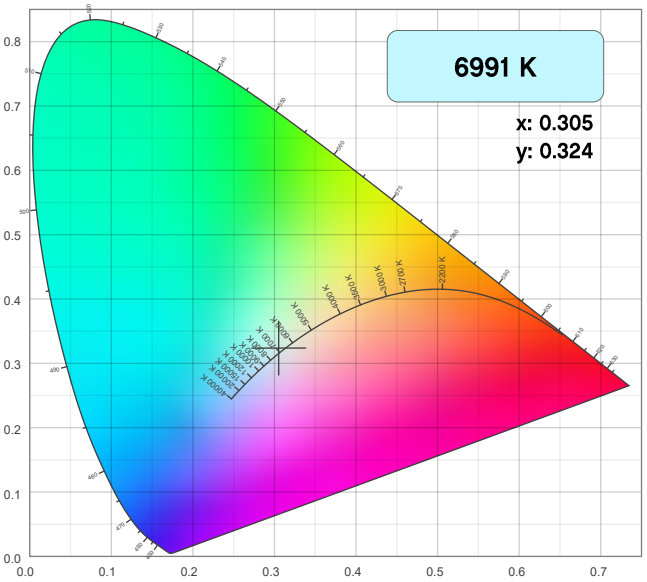
Chromaticity Report

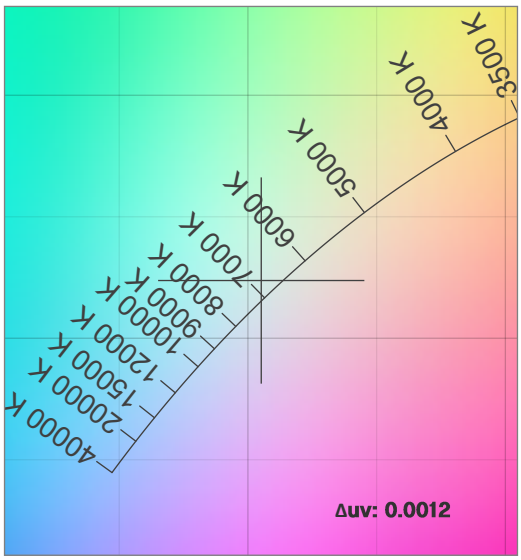
Maverick Force 1 Spot: Full Spot - Full Power

Chromaticity

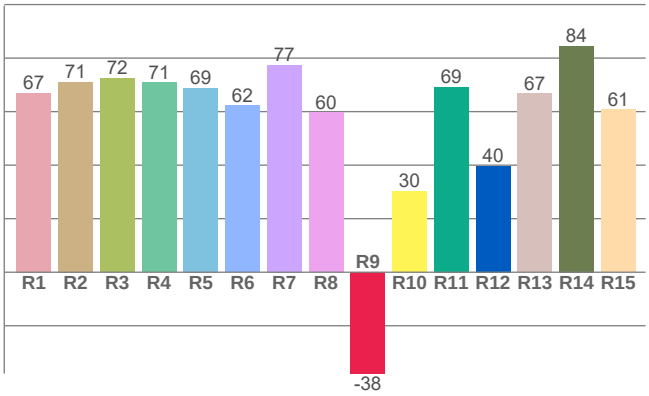
CIE 1931



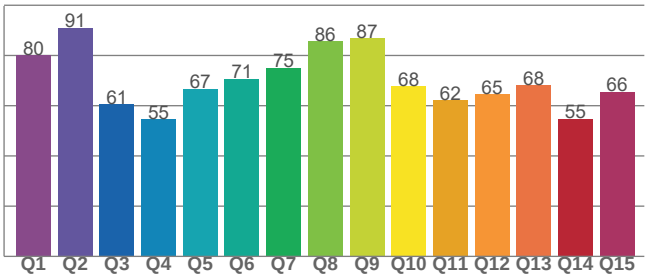
CIE 1931 - Zoom



CRI: 68.7 (R1-R8)



CQS: 68.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6991 K	0.305	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0012	0.324	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.7	-37.8	68.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	66.1	93.5

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Chromaticity Report

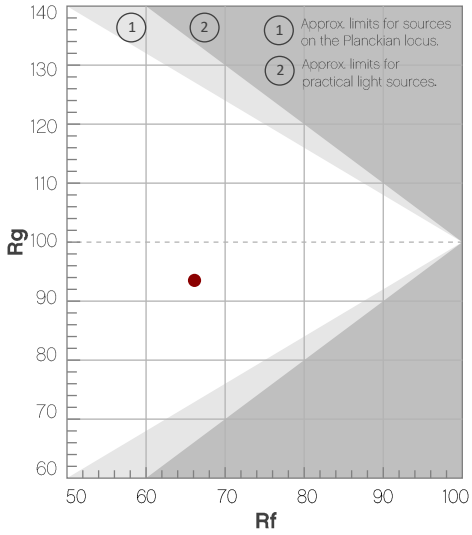
Maverick Force 1 Spot: Full Spot - Full Power

TM-30-18 Details

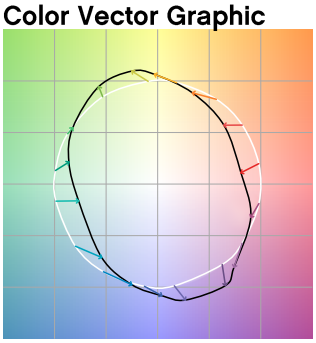
Rf 66.1
Fidelity Index (Rg)

Rg 93.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	61	-19%	-5%
2	65	-15%	10%
3	58	-8%	23%
4	59	4%	23%
5	67	13%	14%
6	80	10%	-2%
7	88	-1%	-8%
8	72	-11%	-11%
9	72	-22%	4%
10	57	-15%	23%
11	33	-5%	30%
12	64	6%	18%
13	77	16%	8%
14	73	19%	-9%
15	65	6%	-24%
16	71	-5%	-15%

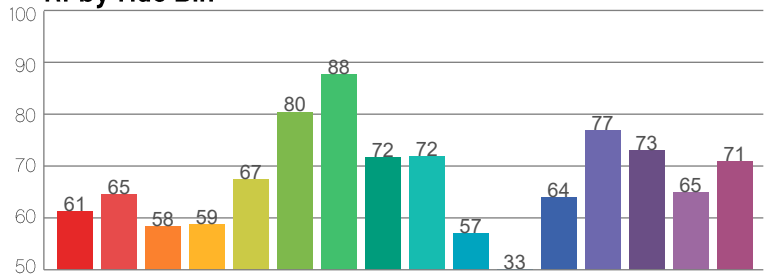


Color Vector Graphic

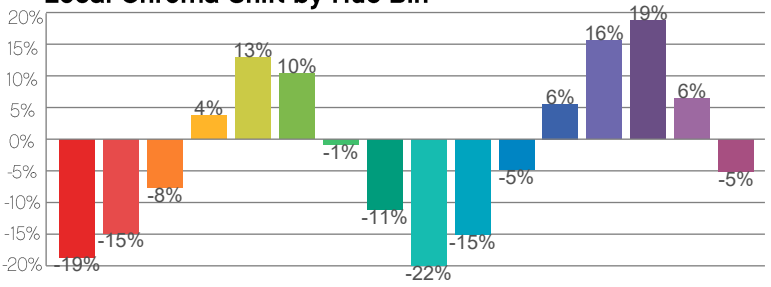


Color Distortion Graphic

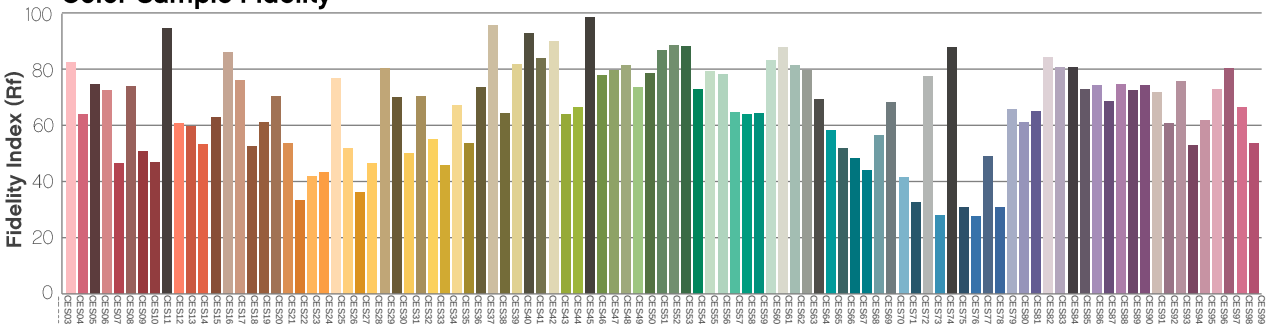
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot with CTO - Full Power

Report Summary

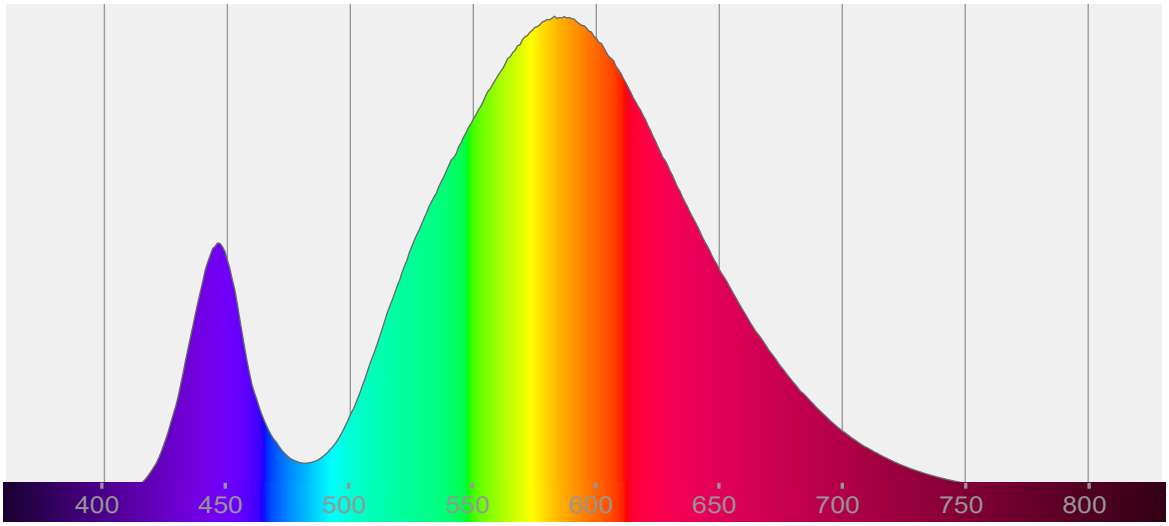
Measurements

Total Lumens: 4392 lm
Peak Intensity: 429394 cd
Fixture Efficacy: 7 lm/W

Correlated Color Temperature: 327
Δuv: 0.0070

CRI: 67.1 CRI R9 Value: -39.7
CQS: 69.0
TLCI: 42
TM-30-18 Rf: 68.4
TM-30-18 Rg: 92.5
1st Dominant Wavelength: 583 nM
2nd Dominant Wavelength: 446 nM

Spectral Distribution



Tested Color

3275 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.418

Color Temperature

3275 K

Light Quality

CRI: 67.1

Notes:

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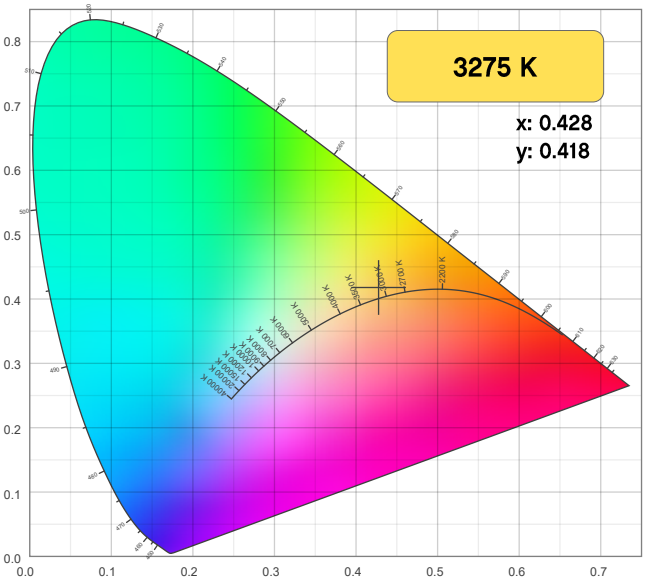
Chromaticity Report

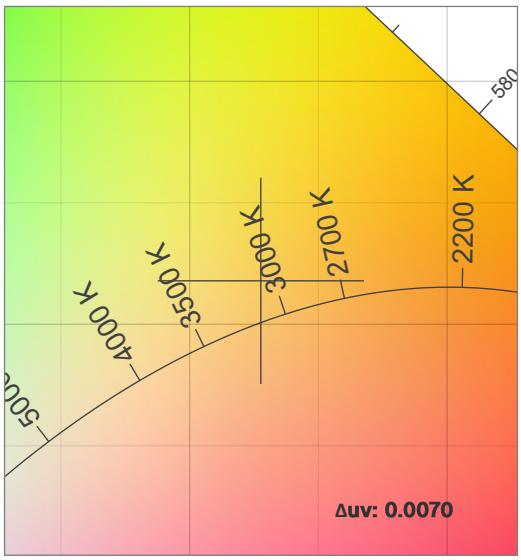
Maverick Force 1 Spot: Full Spot with CTO - Full Power

Chromaticity

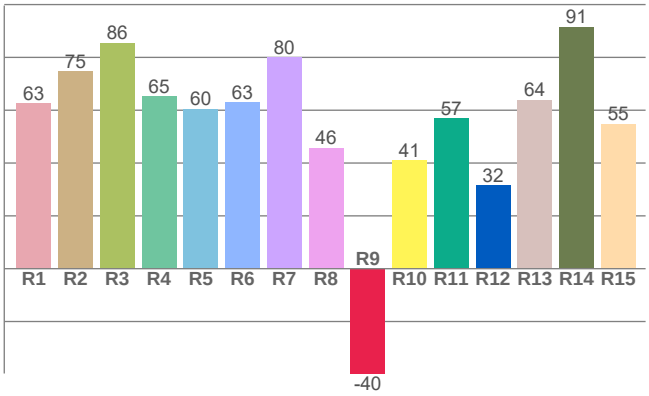
CIE 1931



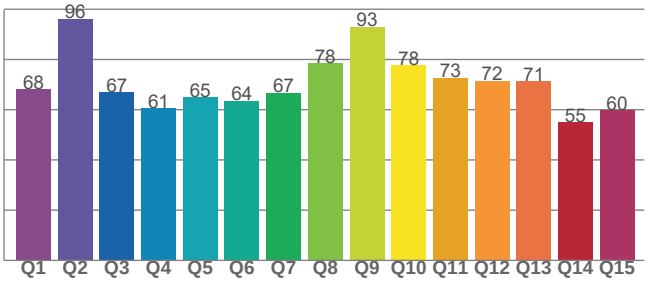
CIE 1931 - Zoom



CRI: 67.1 (R1-R8)



CQS: 69.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3275 K	0.428	0.418

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0070	0.418	0.239

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.1	-39.7	69.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
42	68.4	92.5

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Chromaticity Report

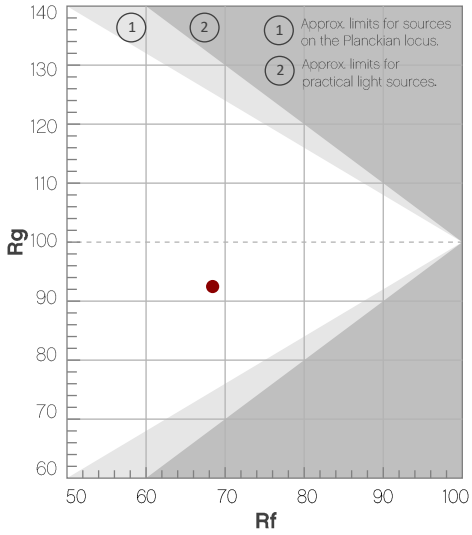
Maverick Force 1 Spot: Full Spot with CTO - Full Power

TM-30-18 Details

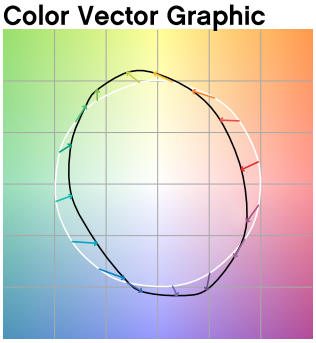
Rf 68.4
Fidelity Index (Rg)

Rg 92.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-4%
2	64	-15%	11%
3	53	-6%	21%
4	65	5%	19%
5	79	12%	10%
6	81	9%	-5%
7	68	0%	-18%
8	77	-9%	-9%
9	74	-16%	-2%
10	59	-19%	15%
11	53	-6%	25%
12	73	6%	16%
13	82	10%	3%
14	75	12%	-12%
15	68	1%	-20%
16	69	-8%	-18%

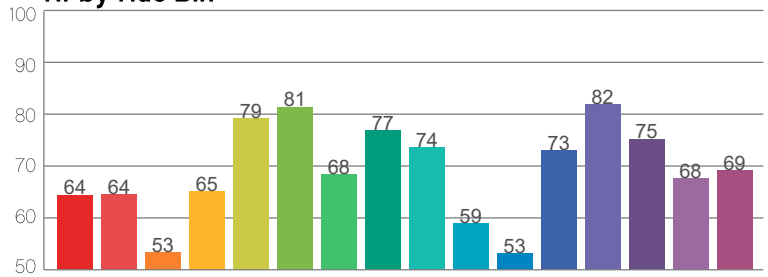


Color Vector Graphic

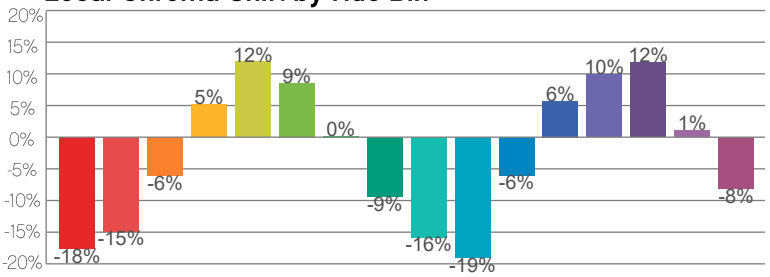


Color Distortion Graphic

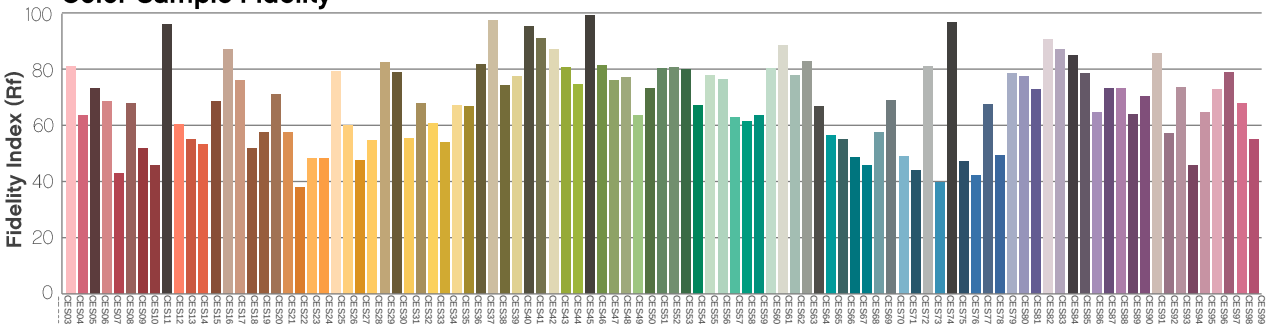
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot - TV35

Report Summary

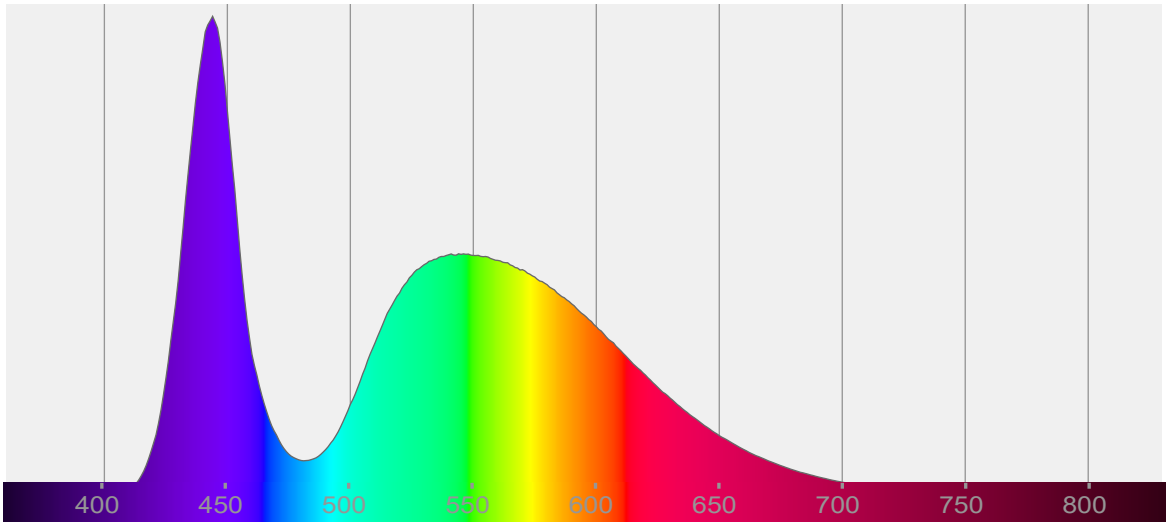
Measurements

Total Lumens: 5490 lm
Peak Intensity: 512027 cd
Fixture Efficacy: 8 lm/W

Correlated Color Temperature: 684
Δuv: 0.0024

CRI: 66.8 CRI R9 Value: -44.7
CQS: 67.9
TLCI: 43
TM-30-18 Rf: 64.4
TM-30-18 Rg: 94.3
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 544 nM

Spectral Distribution



Tested Color

6844 K
CIE 1931 Coordinates:
X: 0.307 Y: 0.328

Color Temperature

6844 K

Light Quality

CRI: 66.8

Notes:

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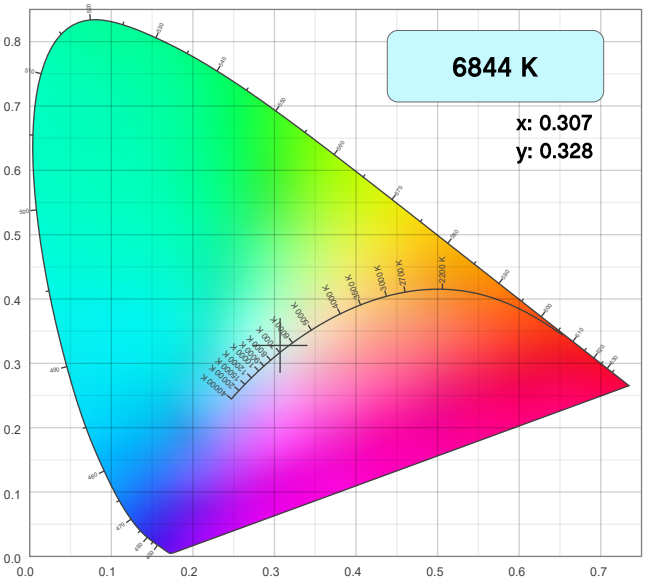
Chromaticity Report

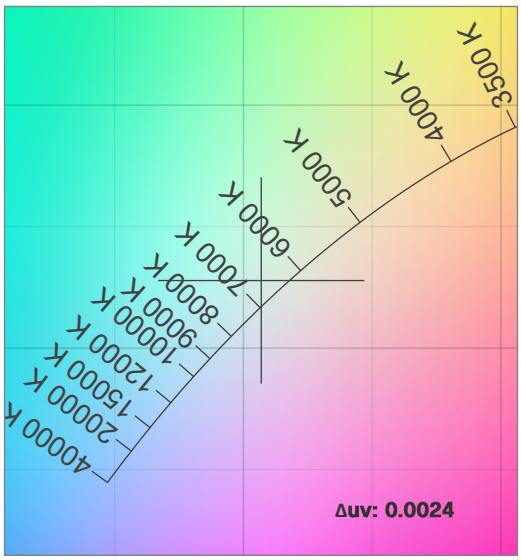
Maverick Force 1 Spot: Full Spot - TV35

Chromaticity

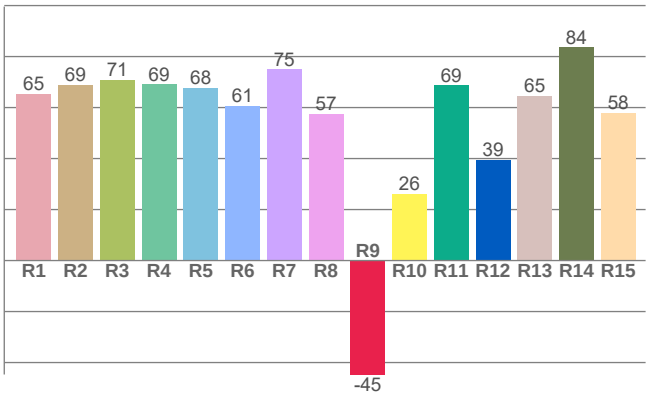
CIE 1931



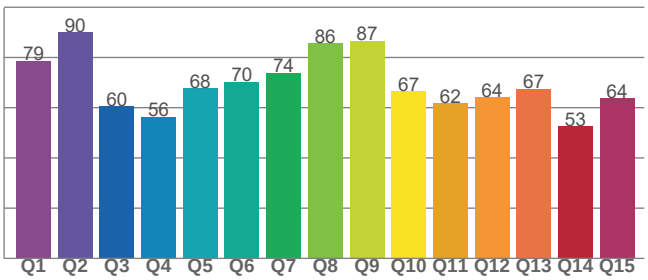
CIE 1931 - Zoom



CRI: 66.8 (R1-R8)



CQS: 67.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6844 K	0.307	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0024	0.328	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.8	-44.7	67.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
43	64.4	94.3

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Chromaticity Report

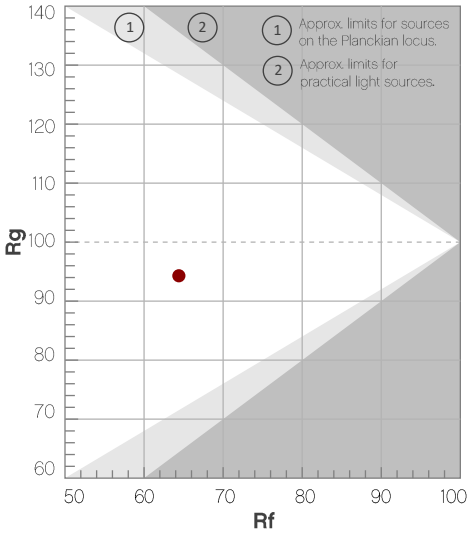
Maverick Force 1 Spot: Full Spot - TV35

TM-30-18 Details

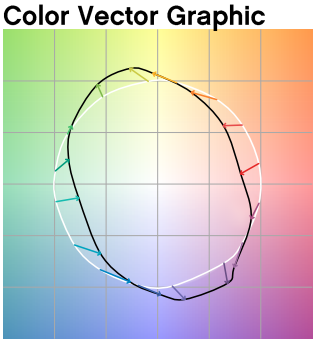
Rf 64.4
Fidelity Index (Rg)

Rg 94.3
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	63	-15%	10%
3	56	-8%	24%
4	56	4%	24%
5	63	16%	15%
6	77	13%	-2%
7	86	1%	-9%
8	69	-11%	-13%
9	71	-22%	1%
10	55	-16%	21%
11	39	-6%	30%
12	61	5%	23%
13	74	15%	9%
14	74	18%	-8%
15	65	6%	-24%
16	69	-5%	-16%

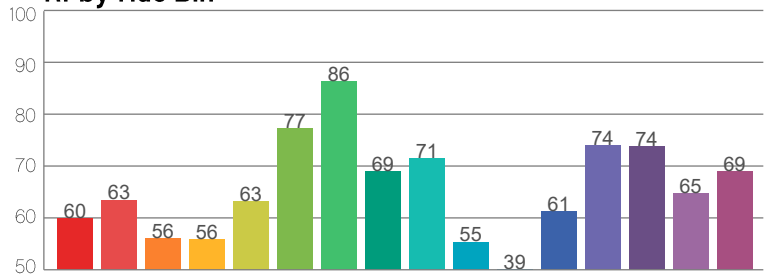


Color Vector Graphic

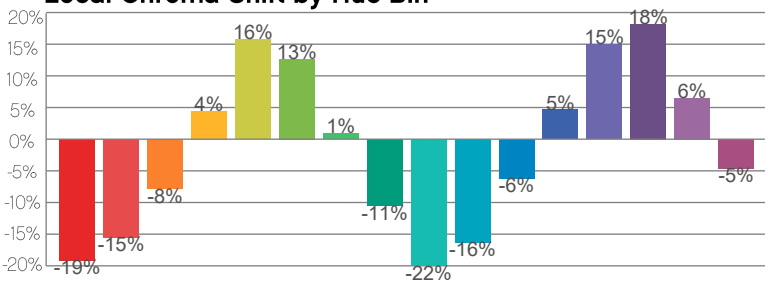


Color Distortion Graphic

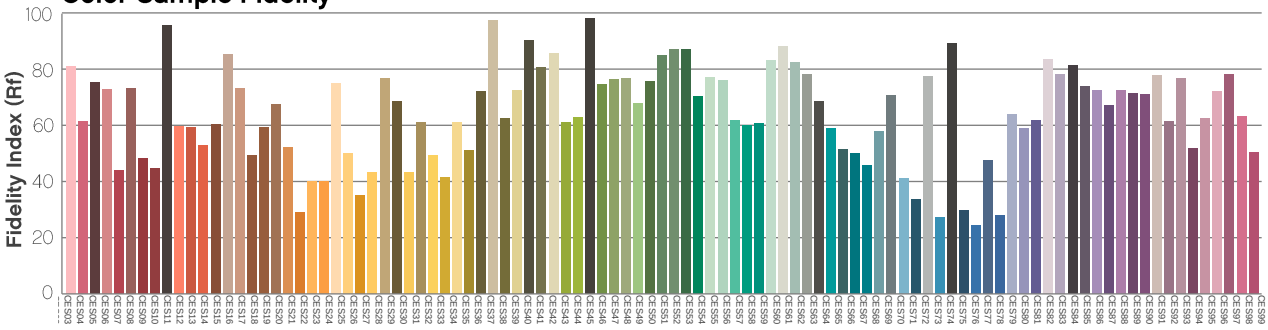
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot with CTO - TV35

Report Summary

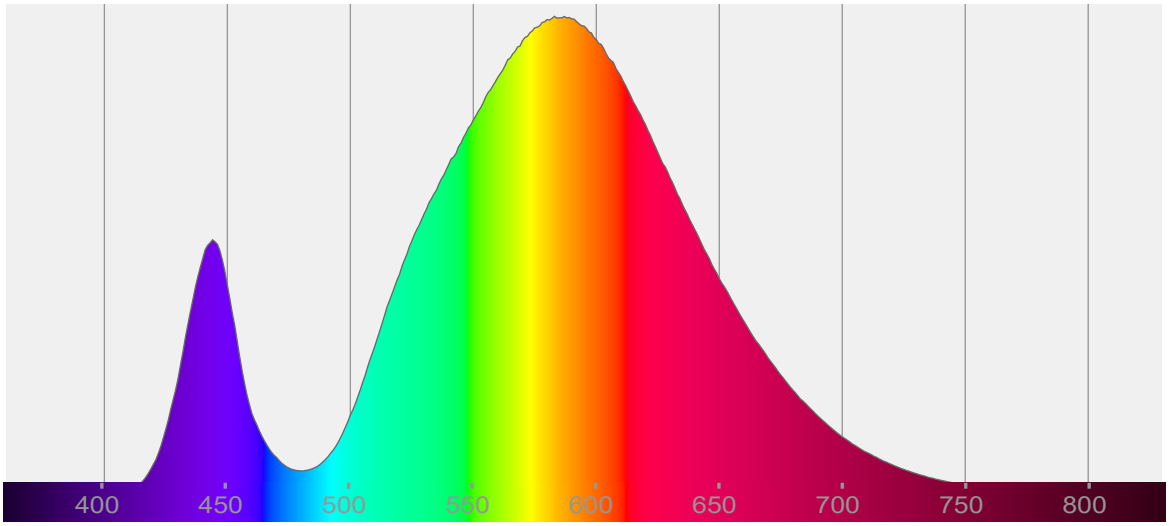
Measurements

Total Lumens: 2239 lm
Peak Intensity: 205964 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 328
Δuv: 0.0082

CRI: 66.2 CRI R9 Value: -44.3
CQS: 68.5
TLCI: 40
TM-30-18 Rf: 67.4
TM-30-18 Rg: 92.5
1st Dominant Wavelength: 583 nM
2nd Dominant Wavelength: 444 nM

Spectral Distribution



Tested Color

3285 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.421

Color Temperature

3285 K

Light Quality

CRI: 66.2

Notes:

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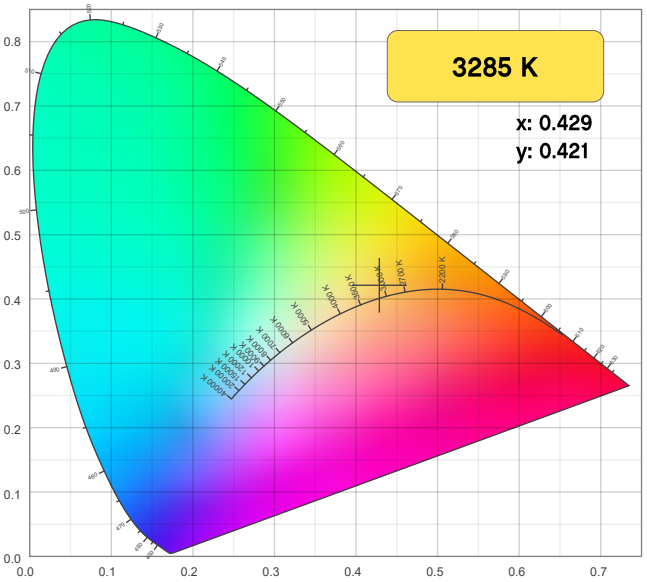
Chromaticity Report

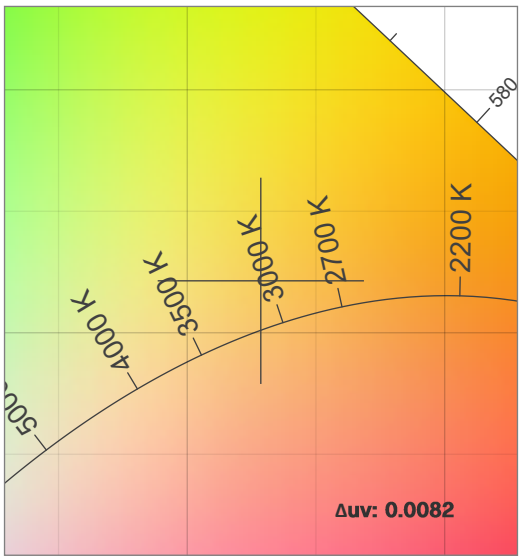
Maverick Force 1 Spot: Full Spot with CTO - TV35

Chromaticity

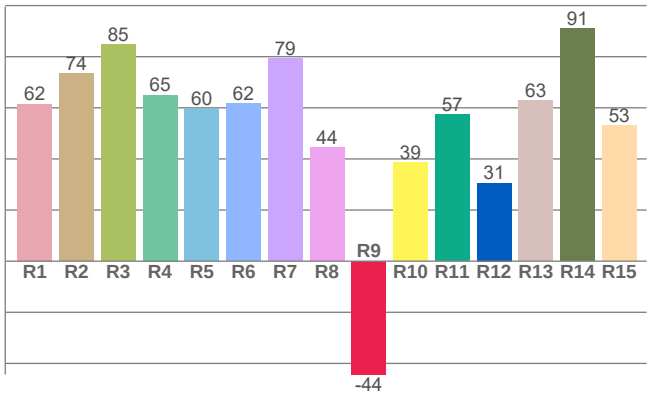
CIE 1931



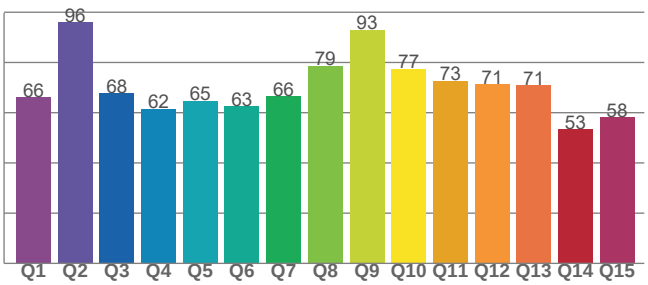
CIE 1931 - Zoom



CRI: 66.2 (R1-R8)



CQS: 68.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3285 K	0.429	0.421

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0082	0.421	0.238

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.2	-44.3	68.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
40	67.4	92.5

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Chromaticity Report

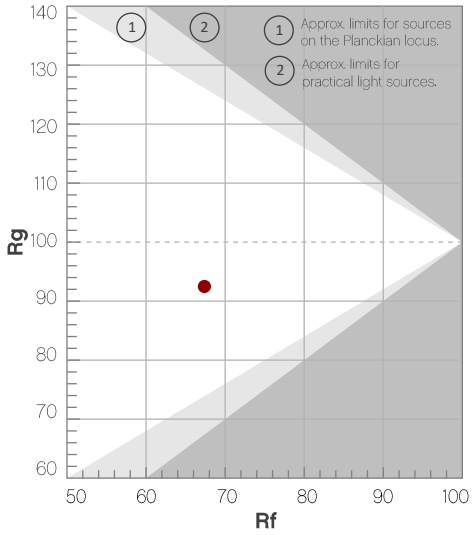
Maverick Force 1 Spot: Full Spot with CTO - TV35

TM-30-18 Details

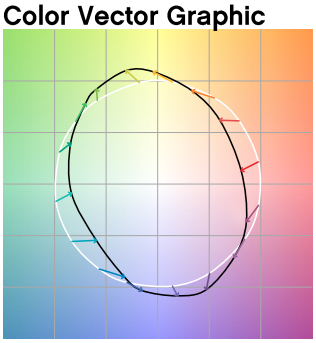
Rf 67.4
Fidelity Index (Rg)

Rg 92.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	63	-18%	-5%
2	64	-15%	11%
3	52	-6%	22%
4	63	6%	20%
5	77	14%	10%
6	80	10%	-6%
7	65	2%	-20%
8	76	-9%	-10%
9	72	-16%	-5%
10	59	-20%	12%
11	53	-7%	24%
12	72	5%	16%
13	81	10%	3%
14	75	12%	-12%
15	67	1%	-20%
16	69	-8%	-18%

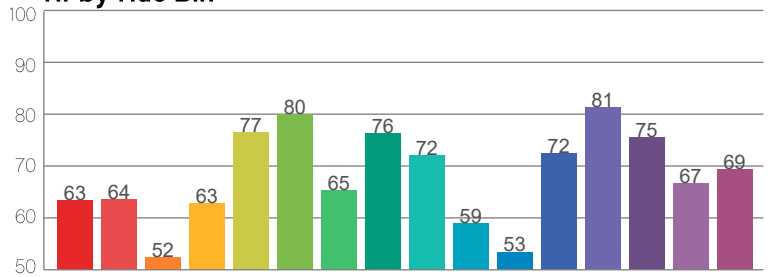


Color Vector Graphic

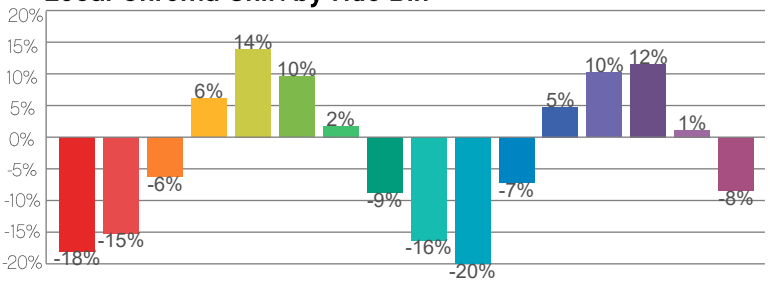


Color Distortion Graphic

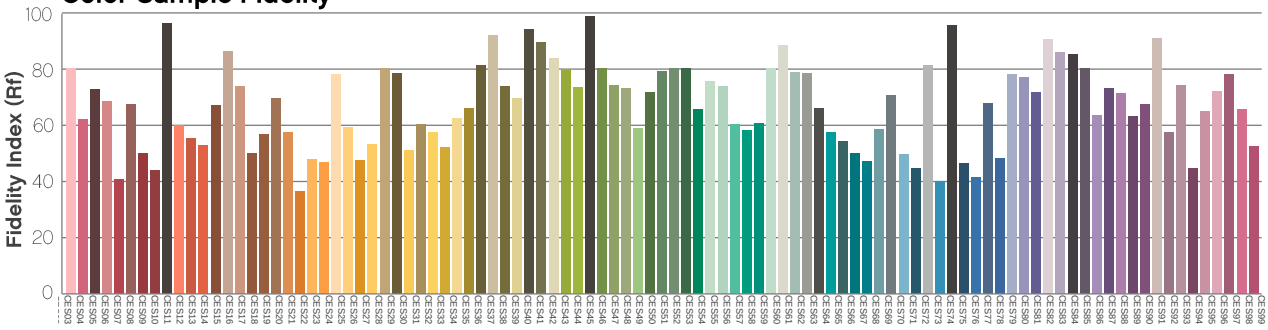
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot - TV25

Report Summary

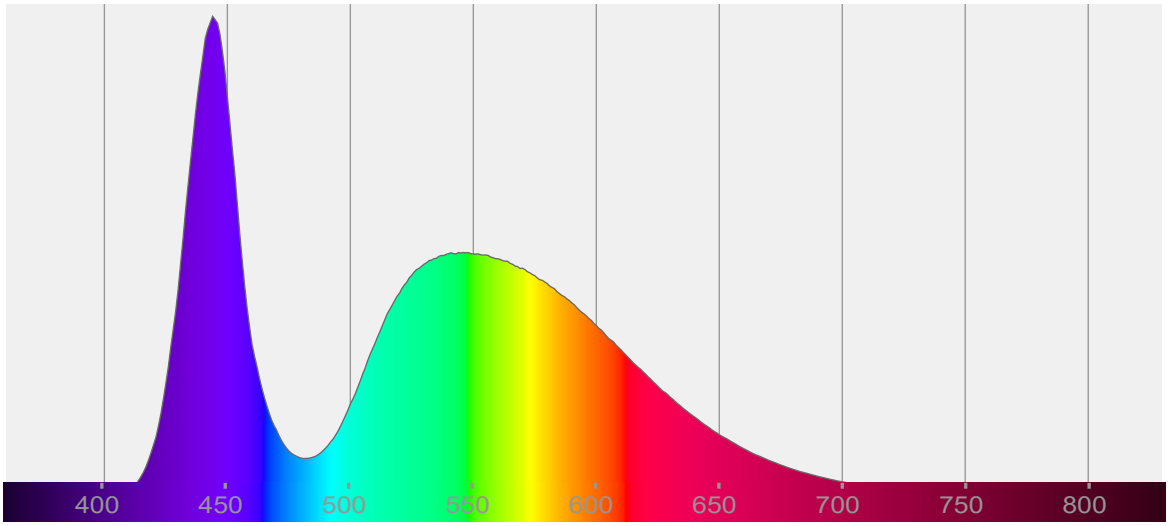
Measurements

Total Lumens: 6739 lm
Peak Intensity: 632123 cd
Fixture Efficacy: 10 lm/W

Correlated Color Temperature: 686
Δuv: 0.0022

CRI: 67.3 CRI R9 Value: -43.2
CQS: 68.0
TLCI: 44
TM-30-18 Rf: 64.8
TM-30-18 Rg: 94.0
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 546 nM

Spectral Distribution



Tested Color

6865 K
CIE 1931 Coordinates:
X: 0.307 Y: 0.327

Color Temperature

6865 K

Light Quality

CRI: 67.3

Notes:

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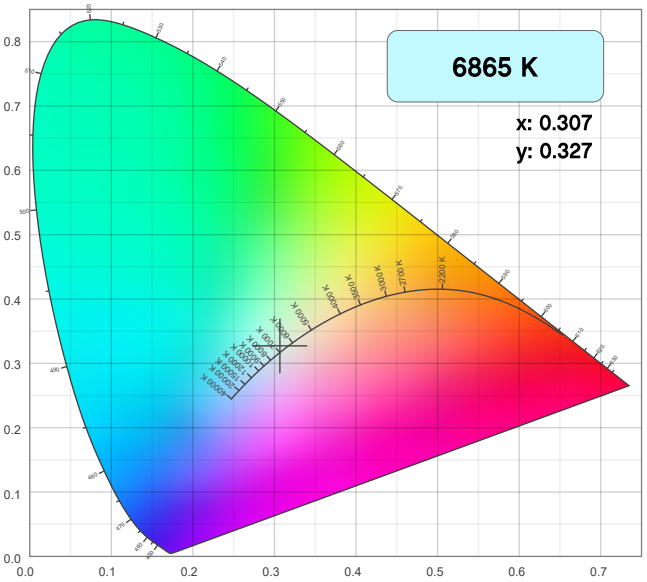
Chromaticity Report

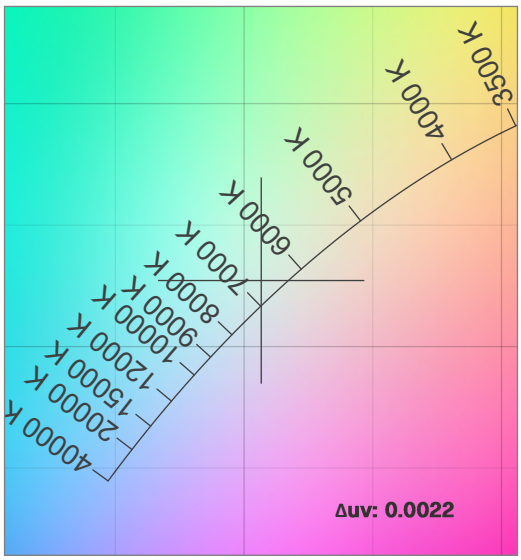
Maverick Force 1 Spot: Full Spot - TV25

Chromaticity

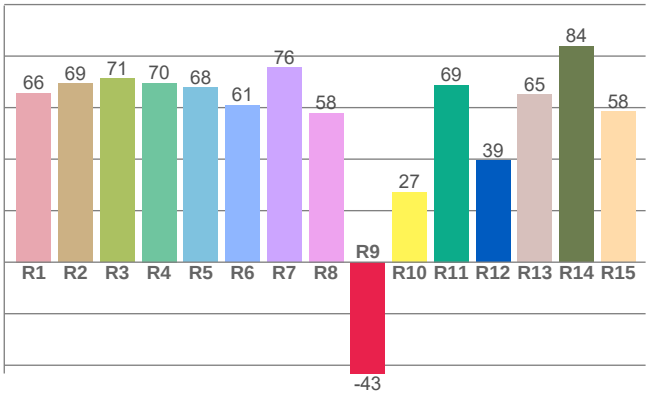
CIE 1931



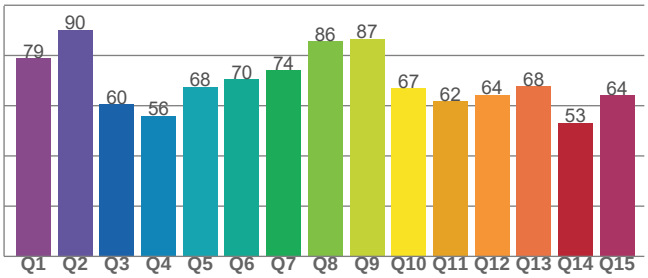
CIE 1931 - Zoom



CRI: 67.3 (R1-R8)



CQS: 68.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6865 K	0.307	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0022	0.327	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.3	-43.2	68.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	64.8	94.0

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Chromaticity Report

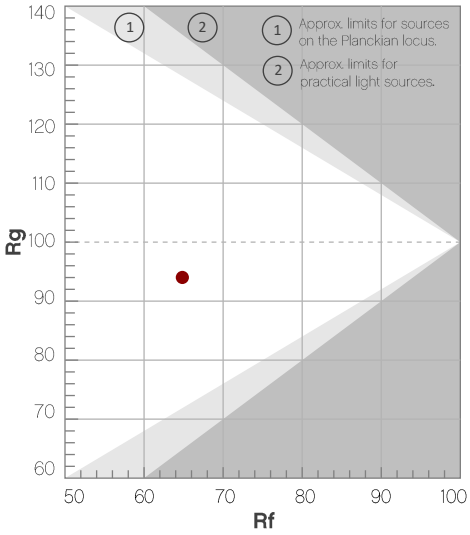
Maverick Force 1 Spot: Full Spot - TV25

TM-30-18 Details

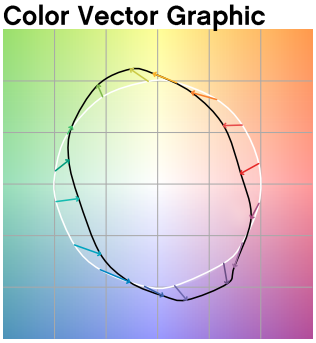
Rf 64.8
Fidelity Index (Rg)

Rg 94.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	64	-15%	10%
3	57	-8%	24%
4	57	4%	24%
5	64	15%	15%
6	78	12%	-2%
7	87	0%	-8%
8	70	-11%	-13%
9	72	-22%	1%
10	55	-16%	22%
11	39	-6%	30%
12	62	6%	19%
13	76	16%	9%
14	74	18%	-8%
15	65	6%	-24%
16	69	-5%	-16%

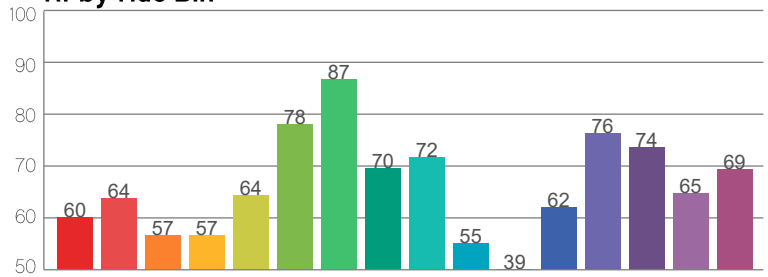


Color Vector Graphic

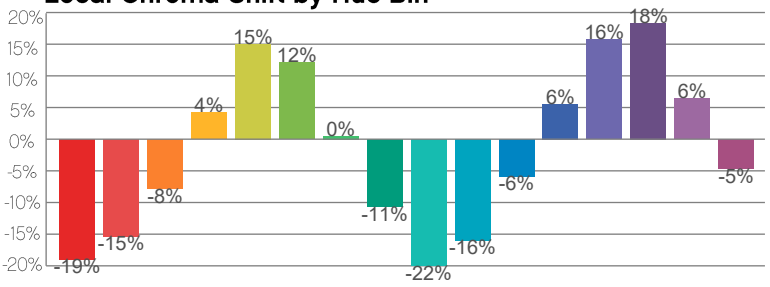


Color Distortion Graphic

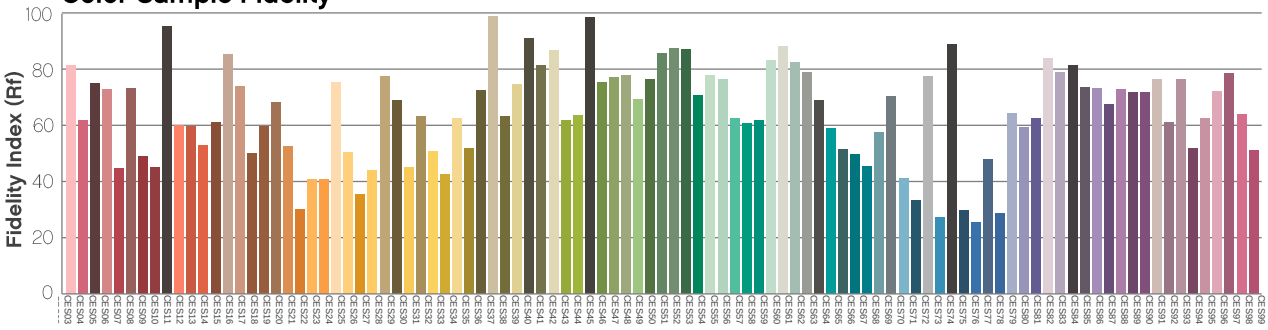
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: Full Spot with CTO - TV25

Report Summary

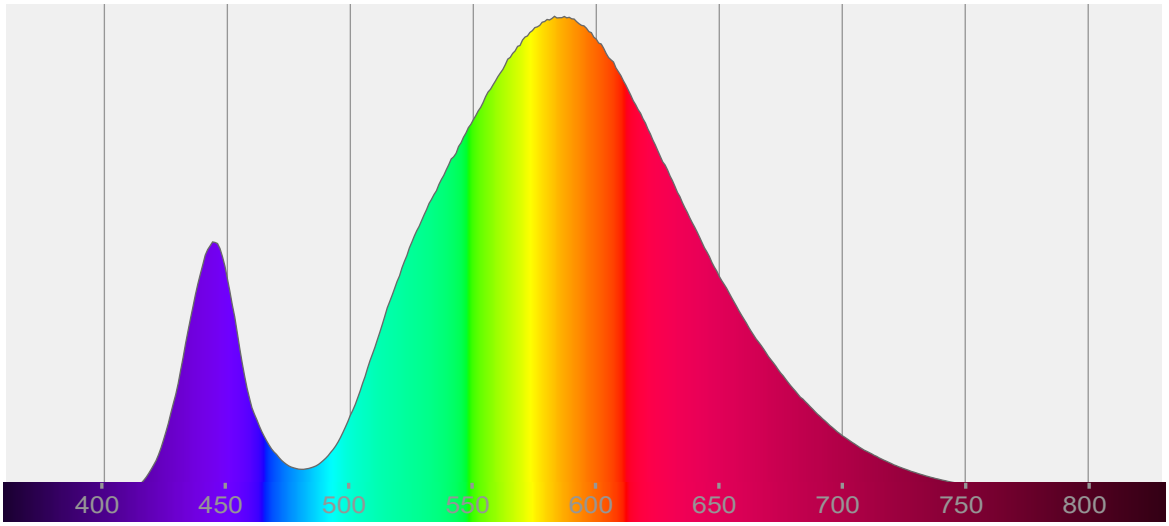
Measurements

Total Lumens: 2697 lm
Peak Intensity: 254699 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 328
Δuv: 0.0079

CRI: 66.4 CRI R9 Value: -43.3
CQS: 68.6
TLCI: 41
TM-30-18 Rf: 67.6
TM-30-18 Rg: 92.5
1st Dominant Wavelength: 583 nM
2nd Dominant Wavelength: 444 nM

Spectral Distribution



Tested Color

3281 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.421

Color Temperature

3281 K

Light Quality

CRI: 66.4

Notes:

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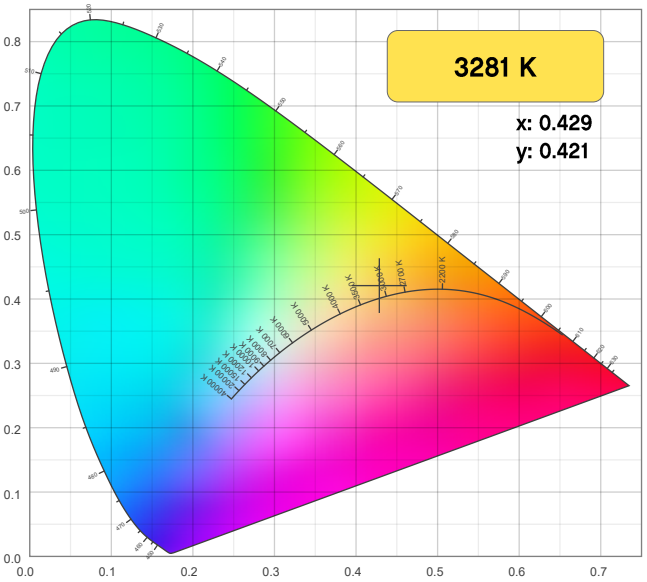
Chromaticity Report

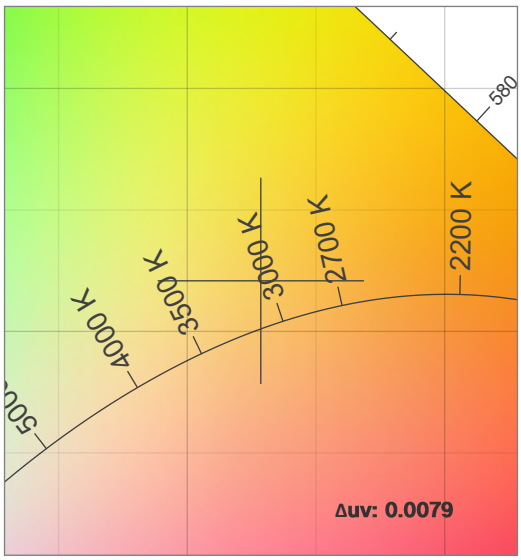
Maverick Force 1 Spot: Full Spot with CTO - TV25

Chromaticity

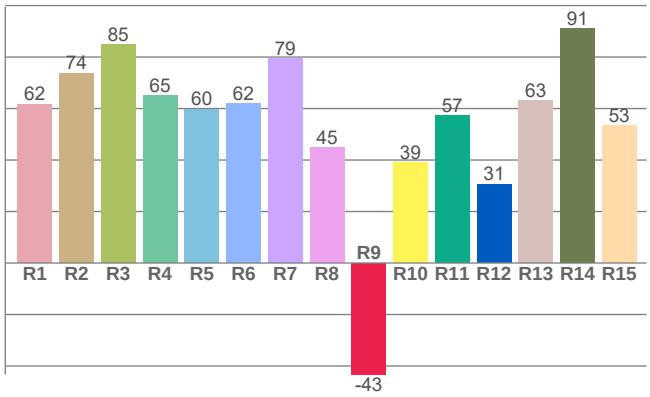
CIE 1931



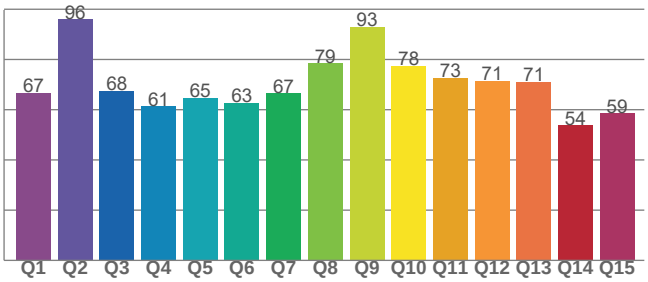
CIE 1931 - Zoom



CRI: 66.4 (R1-R8)



CQS: 68.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3281 K	0.429	0.421

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0079	0.421	0.238

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.4	-43.3	68.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
41	67.6	92.5

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Chromaticity Report

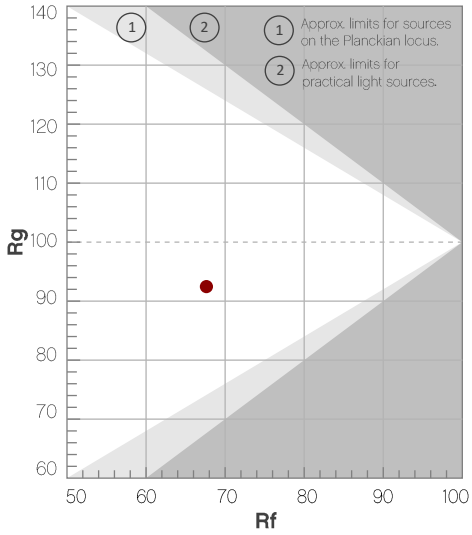
Maverick Force 1 Spot: Full Spot with CTO - TV25

TM-30-18 Details

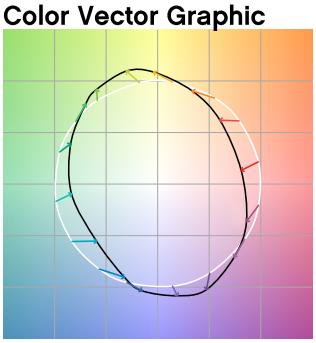
Rf 67.6
Fidelity Index (Rg)

Rg 92.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-5%
2	64	-15%	11%
3	53	-6%	22%
4	63	6%	20%
5	77	13%	10%
6	80	9%	-6%
7	66	1%	-19%
8	76	-9%	-10%
9	72	-16%	-4%
10	59	-20%	13%
11	53	-7%	25%
12	73	5%	16%
13	81	10%	3%
14	75	12%	-12%
15	67	1%	-20%
16	69	-8%	-18%

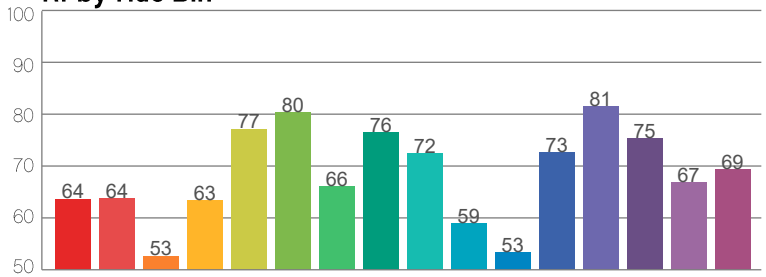


Color Vector Graphic

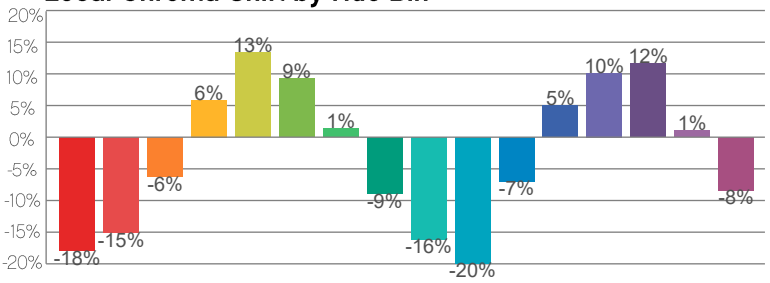


Color Distortion Graphic

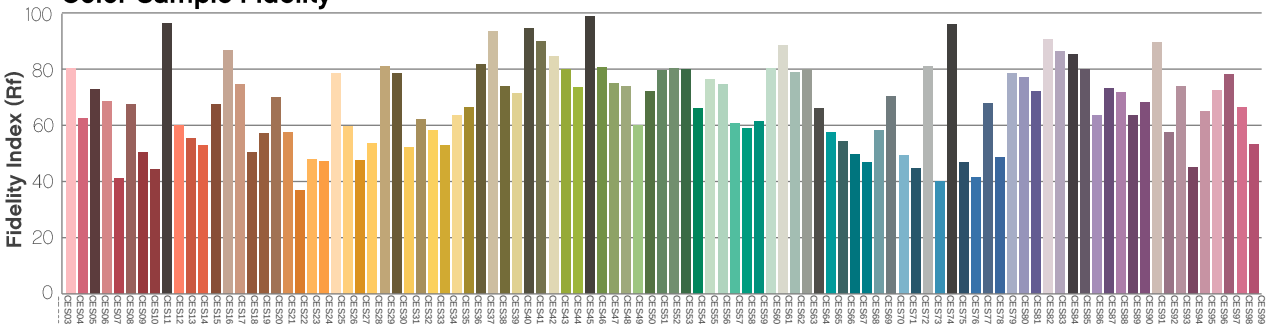
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom - Full Power

Report Summary

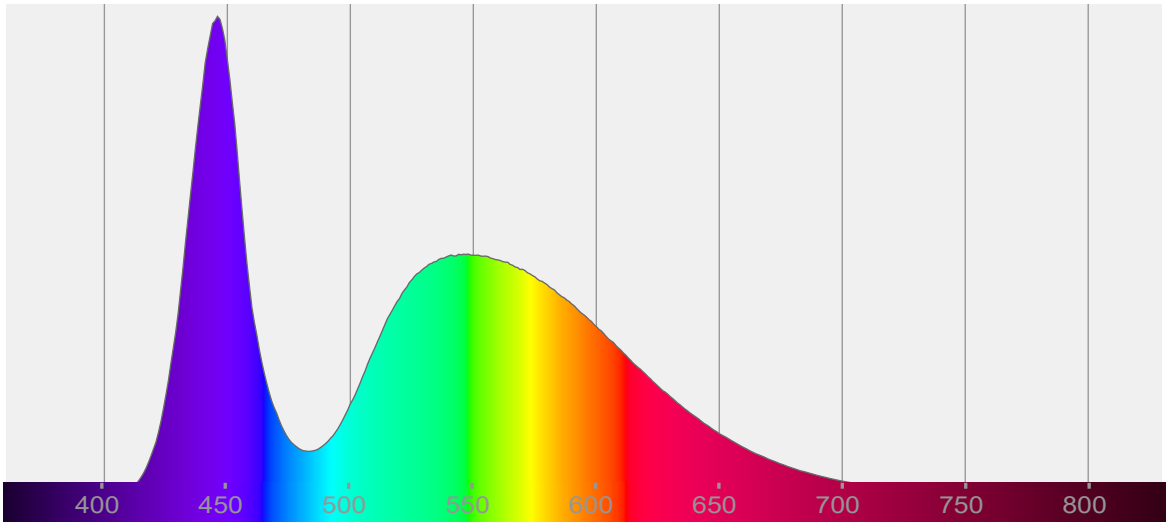
Measurements

Total Lumens: 20446 lm
Peak Intensity: 261050 cd
Fixture Efficacy: 31 lm/W

Correlated Color Temperature: 707
Δuv: 0.0009

CRI: 68.8 CRI R9 Value: -37.0
CQS: 68.4
TLCI: 46
TM-30-18 Rf: 66.1
TM-30-18 Rg: 93.6
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7070 K
CIE 1931 Coordinates:
X: 0.304 Y: 0.322

Color Temperature

7070 K

Light Quality

CRI: 68.8

Notes:

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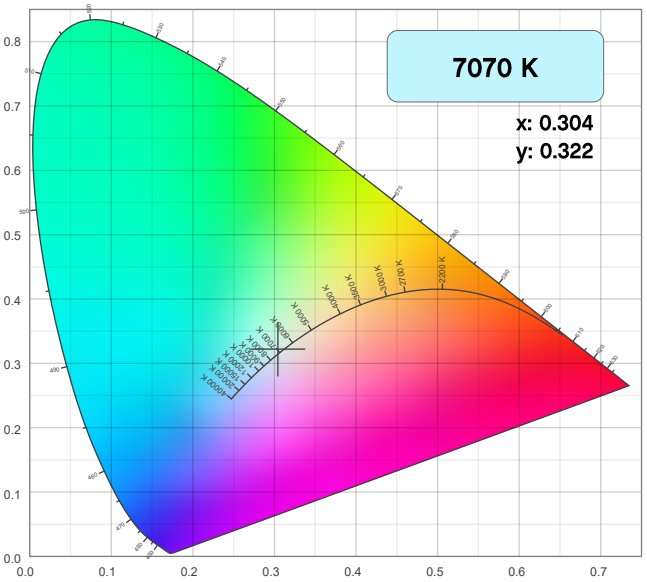
Chromaticity Report

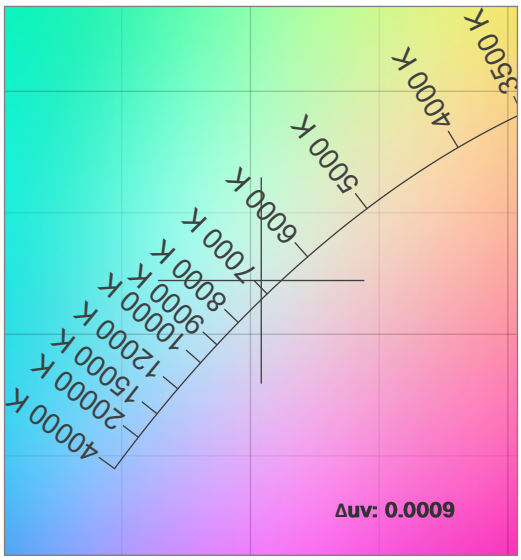
Maverick Force 1 Spot: 50% Zoom - Full Power

Chromaticity

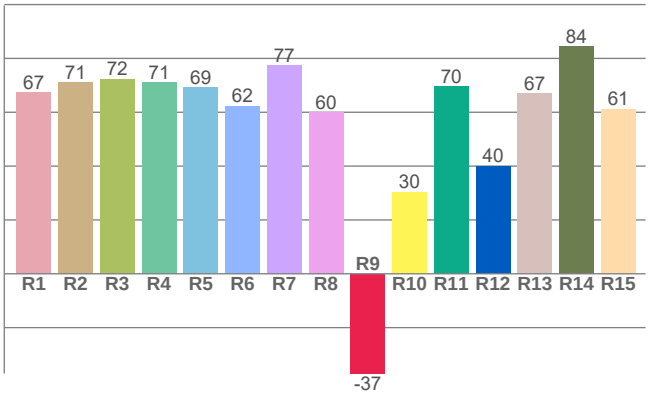
CIE 1931



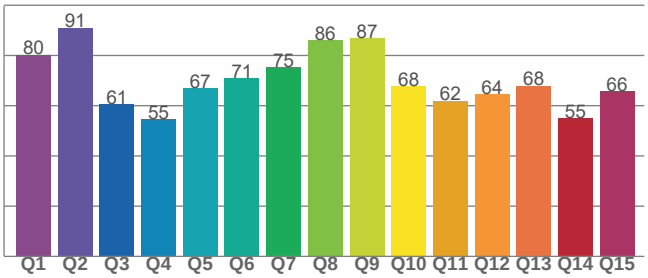
CIE 1931 - Zoom



CRI: 68.8 (R1-R8)



CQS: 68.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7070 K	0.304	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.322	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.8	-37.0	68.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	66.1	93.6

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Chromaticity Report

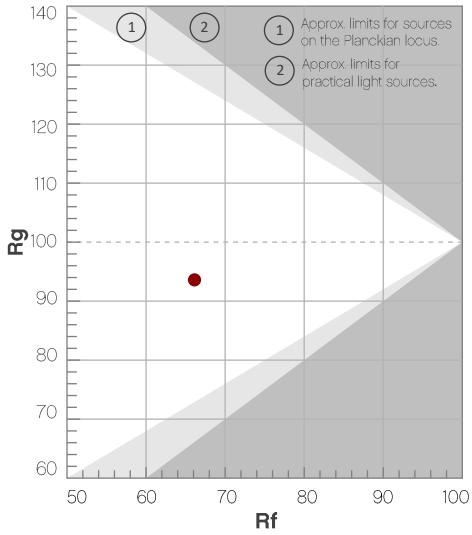
Maverick Force 1 Spot: 50% Zoom - Full Power

TM-30-18 Details

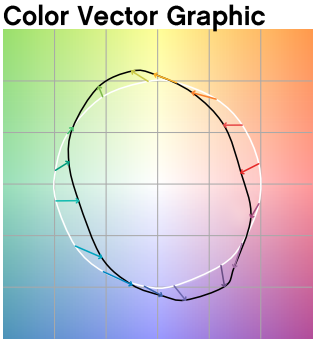
Rf 66.1
Fidelity Index (Rg)

Rg 93.6
Gamut Index (Rg)

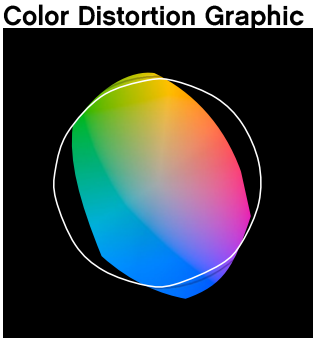
Hue Bin	R_f	Chroma Shift	Hue Shift
1	61	-19%	-5%
2	65	-15%	10%
3	58	-8%	23%
4	59	4%	23%
5	67	13%	14%
6	80	10%	-2%
7	88	-1%	-7%
8	72	-11%	-10%
9	72	-22%	4%
10	57	-15%	23%
11	33	-5%	30%
12	64	6%	18%
13	77	16%	8%
14	73	19%	-9%
15	65	7%	-24%
16	71	-5%	-15%



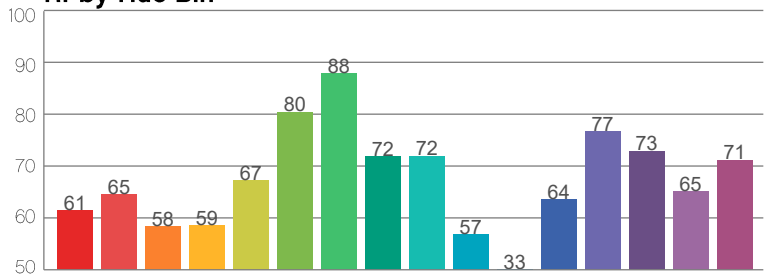
Color Vector Graphic



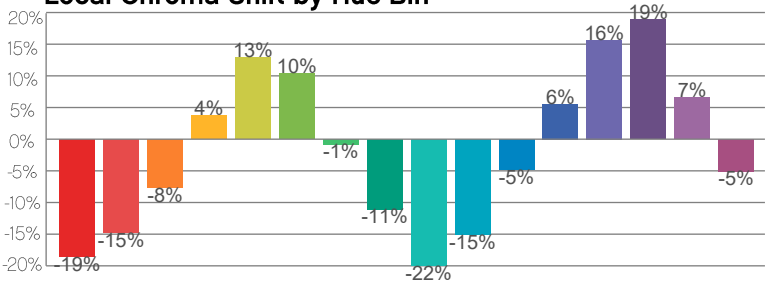
Color Distortion Graphic



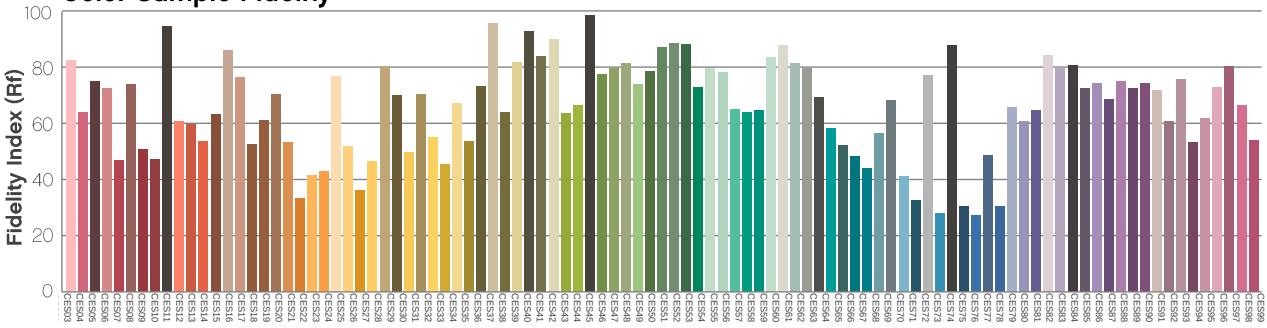
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

Report Summary

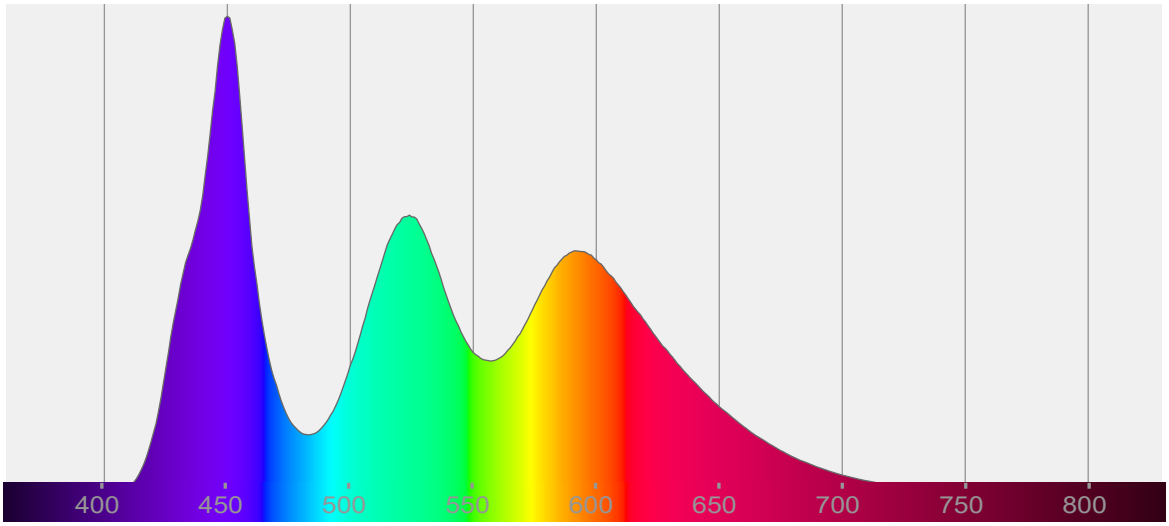
Measurements

Total Lumens: 13478 lm
Peak Intensity: 172062 cd
Fixture Efficacy: ffi lm/W

Correlated Color Temperature: 651⁴
Δuv: -0.0113

CRI: 89.4 CRI R9 Value: 43.4
CQS: 86.4
TLCI: 67
TM-30-18 Rf: 83.3
TM-30-18 Rg: 105.3
1st Dominant Wavelength: 450 nM
2nd Dominant Wavelength: 524 nM

Spectral Distribution



Tested Color

6514 K
CIE 1931 Coordinates:
X: 0.315 Y: 0.310

Color Temperature

6514 K

Light Quality

CRI: 89.4

Notes:

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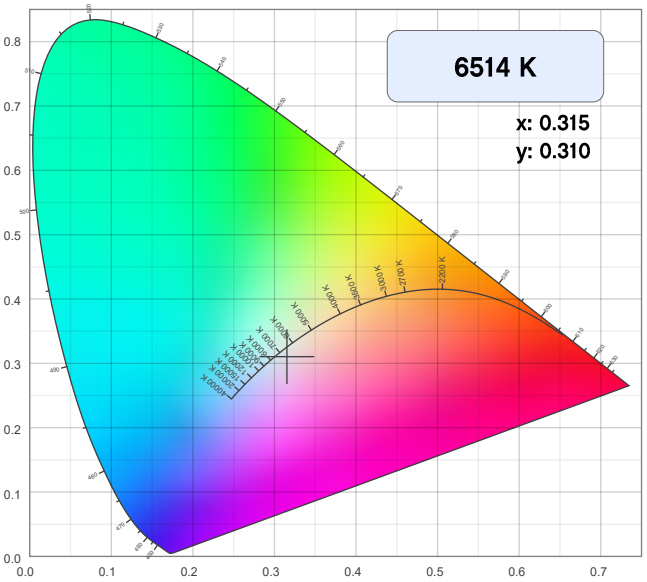
Chromaticity Report

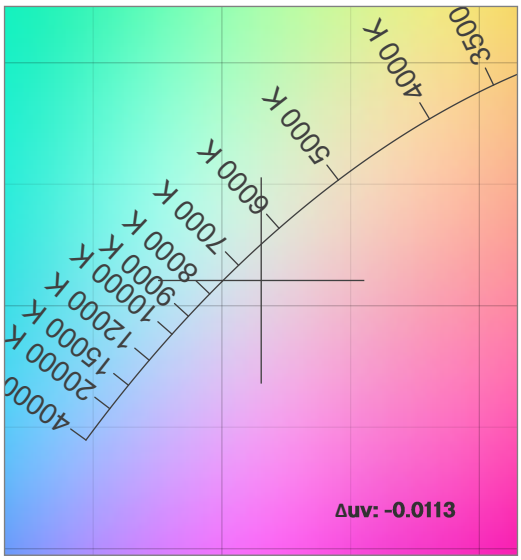
Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

Chromaticity

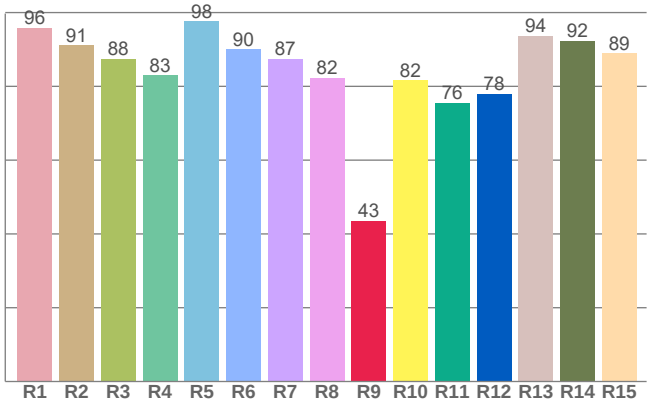
CIE 1931



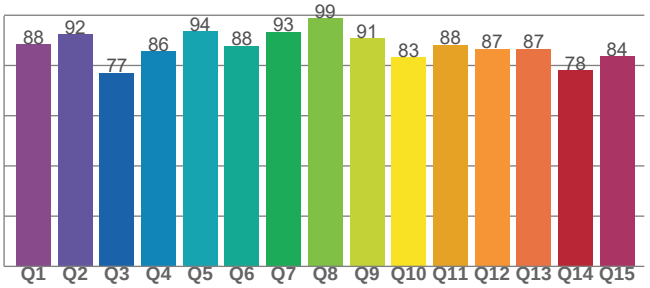
CIE 1931 - Zoom



CRI: 89.4 (R1-R8)



CQS: 86.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6514 K	0.315	0.310

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0113	0.310	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.4	43.4	86.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
67	83.3	105.3

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Chromaticity Report

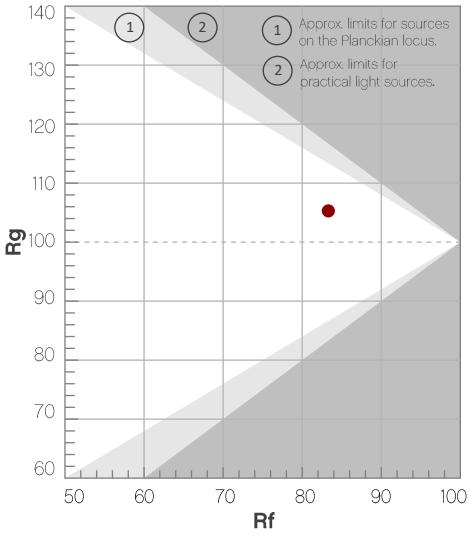
Maverick Force 1 Spot: 50% Zoom with CRI Filter - Full Power

TM-30-18 Details

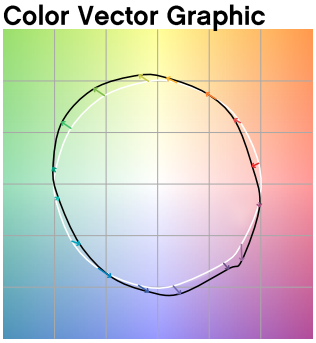
Rf 83.3
Fidelity Index (Rg)

Rg 105.3
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	85	-7%	-2%
2	87	-3%	6%
3	79	-1%	11%
4	81	3%	10%
5	81	8%	8%
6	81	11%	5%
7	83	11%	0%
8	91	3%	-3%
9	92	-3%	-2%
10	86	-5%	7%
11	71	0%	15%
12	81	4%	10%
13	85	9%	5%
14	86	7%	1%
15	81	9%	-12%
16	91	1%	-4%

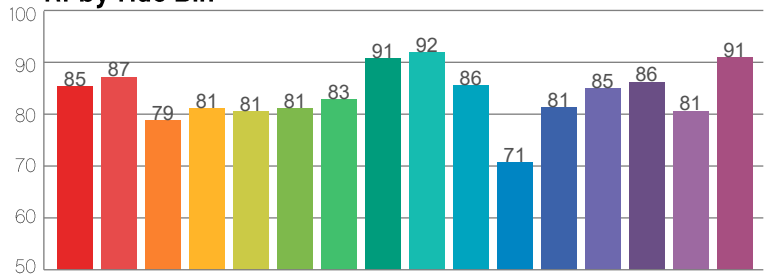


Color Vector Graphic

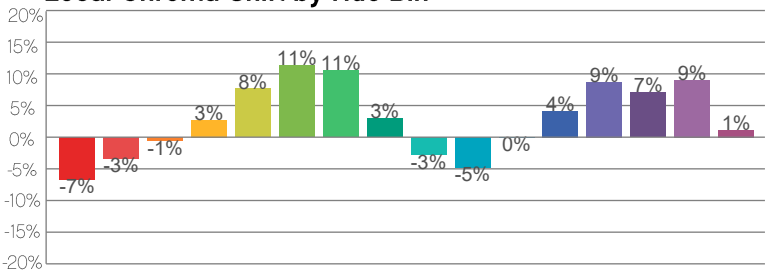


Color Distortion Graphic

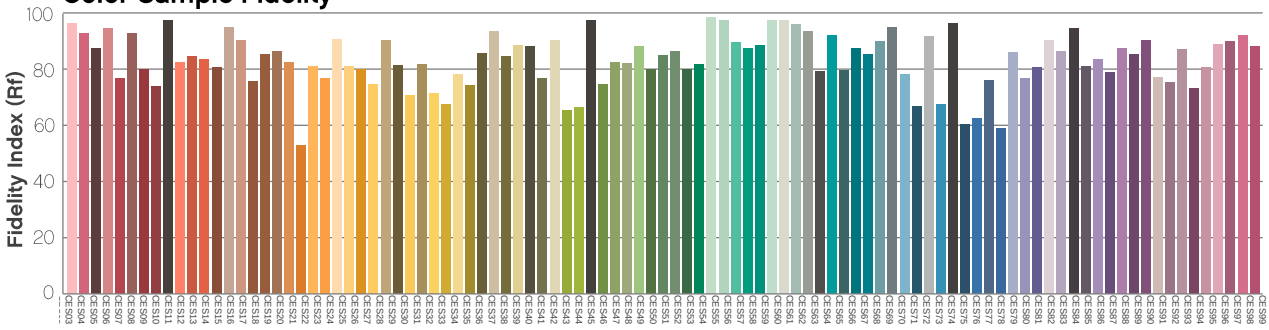
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

Report Summary

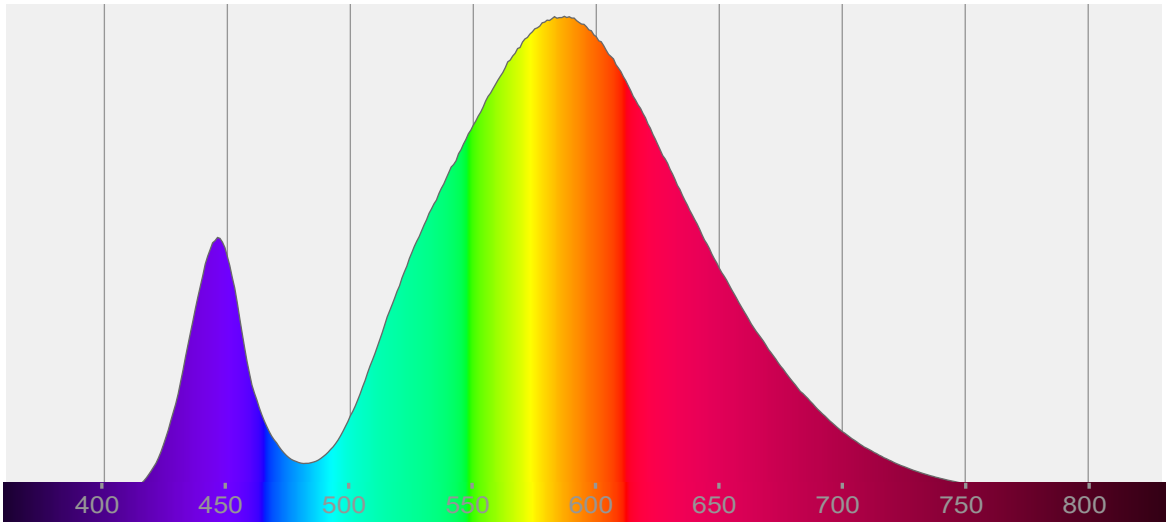
Measurements

Total Lumens: 7864 lm
Peak Intensity: 100623 cd
Fixture Efficacy: 12 lm/W

Correlated Color Temperature: 324
Δuv: 0.0058

CRI: 67.2 CRI R9 Value: -39.0
CQS: 68.7
TLCI: 42
TM-30-18 Rf: 68.0
TM-30-18 Rg: 93.2
1st Dominant Wavelength: 587 nM
2nd Dominant Wavelength: 446 nM

Spectral Distribution



Tested Color

3246 K
CIE 1931 Coordinates:
X: 0.428 Y: 0.415

Color Temperature

3246 K

Light Quality

CRI: 67.2

Notes:

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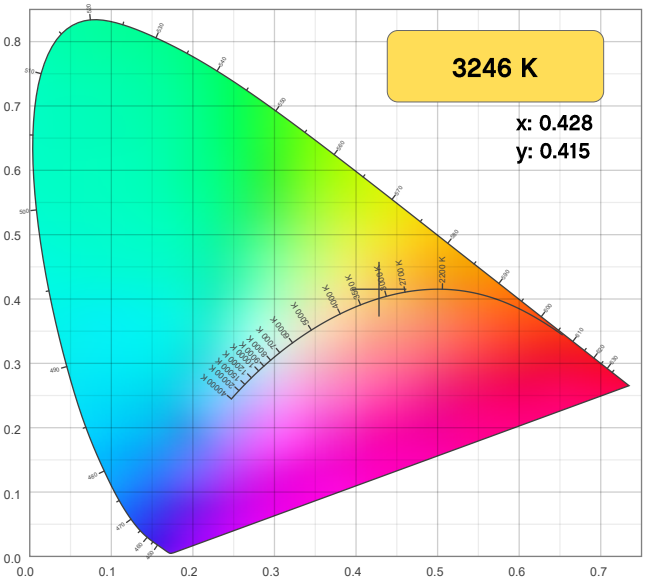
Chromaticity Report

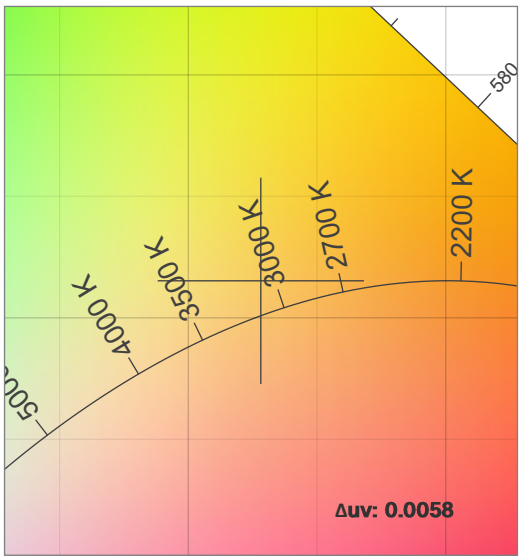
Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

Chromaticity

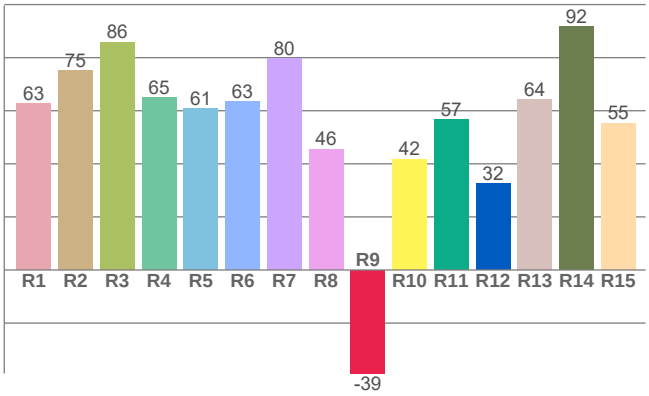
CIE 1931



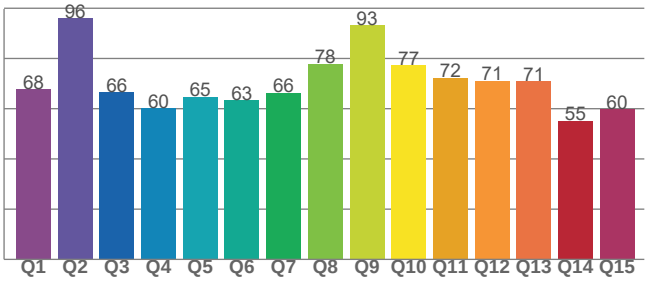
CIE 1931 - Zoom



CRI: 67.2 (R1-R8)



CQS: 68.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3246 K	0.428	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0058	0.415	0.240

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.2	-39.0	68.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
42	68.0	93.2

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Chromaticity Report

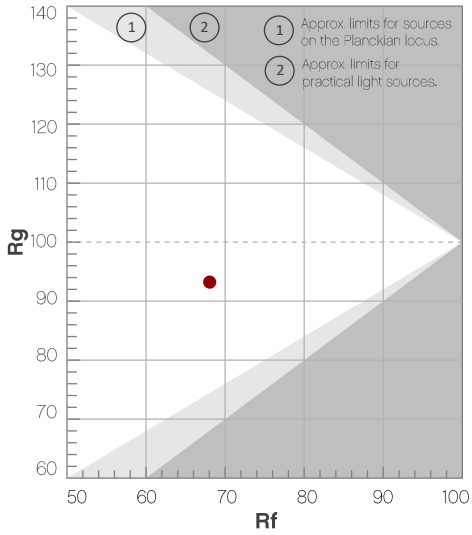
Maverick Force 1 Spot: 50% Zoom with CTO - Full Power

TM-30-18 Details

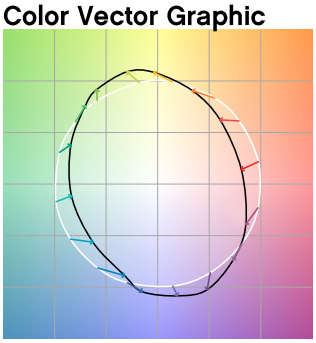
Rf 68.0
Fidelity Index (Rg)

Rg 93.2
Gamut Index (Rg)

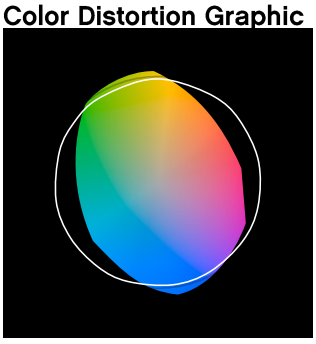
Hue Bin	R_f	Chroma Shift	Hue Shift
1	65	-18%	-4%
2	64	-15%	11%
3	52	-6%	22%
4	64	6%	19%
5	78	13%	10%
6	81	9%	-6%
7	68	1%	-18%
8	77	-9%	-9%
9	73	-16%	-3%
10	58	-16%	15%
11	55	-8%	26%
12	73	6%	16%
13	82	10%	3%
14	75	12%	-12%
15	66	2%	-19%
16	70	-8%	-18%



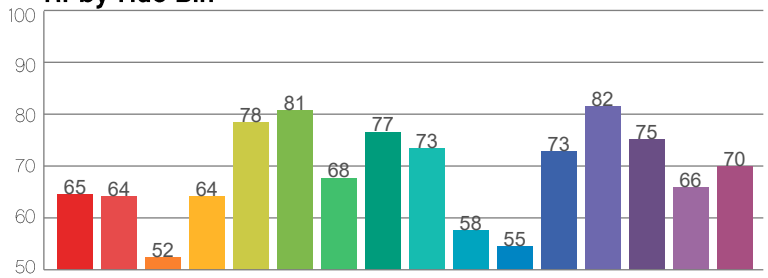
Color Vector Graphic



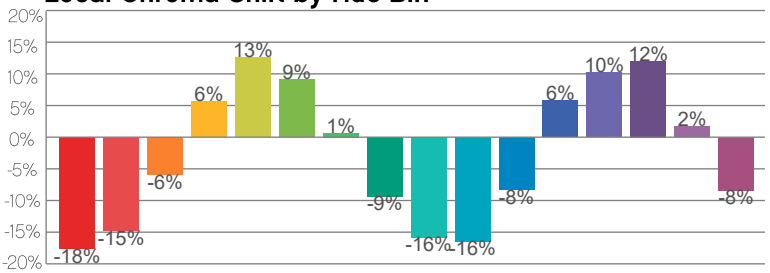
Color Distortion Graphic



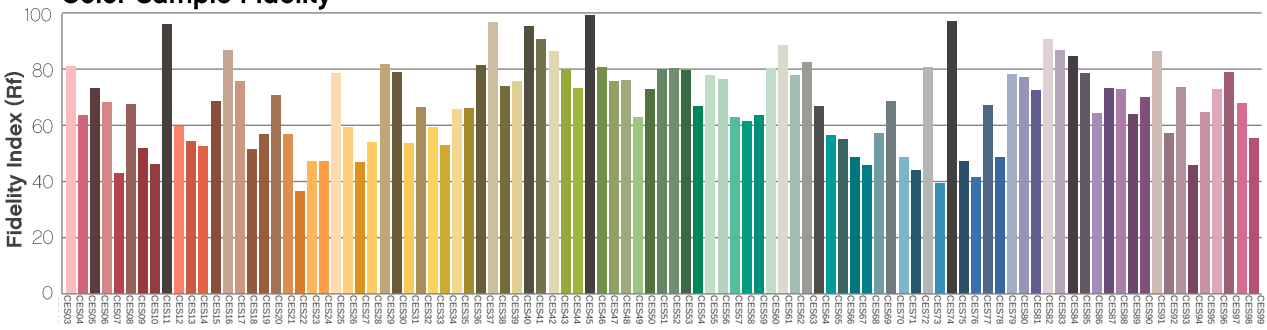
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom - TV35

Report Summary

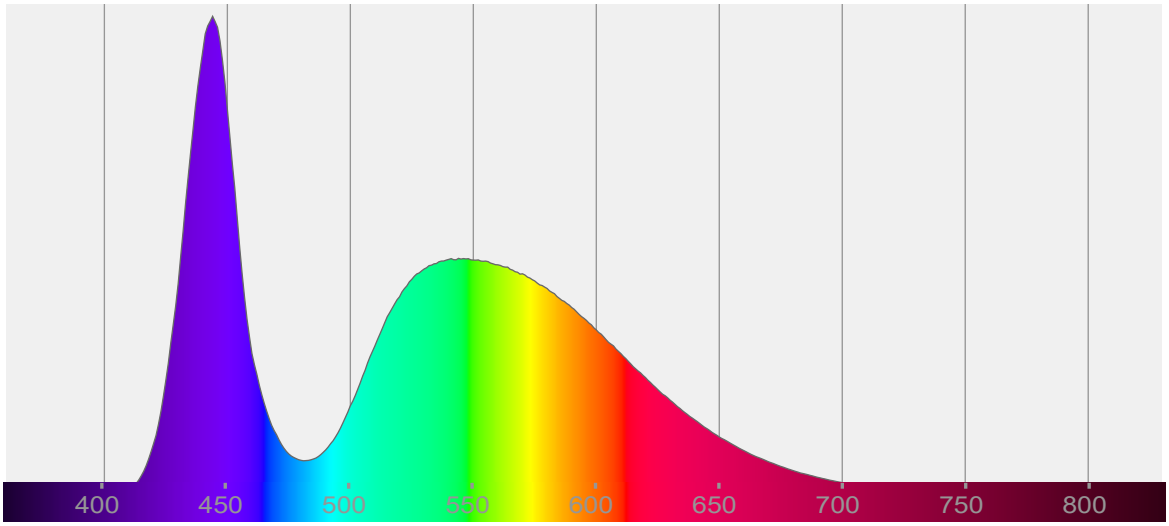
Measurements

Total Lumens: 9661 lm
Peak Intensity: 123848 cd
Fixture Efficacy: 15 lm/W

Correlated Color Temperature: 693
Δuv: 0.0019

CRI: 67.0 CRI R9 Value: -43.6
CQS: 67.8
TLCI: 43
TM-30-18 Rf: 64.4
TM-30-18 Rg: 93.9
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 544 nM

Spectral Distribution



Tested Color

6935 K
CIE 1931 Coordinates:
X: 0.306 Y: 0.326

Color Temperature

6935 K

Light Quality

CRI: 67.0

Notes:

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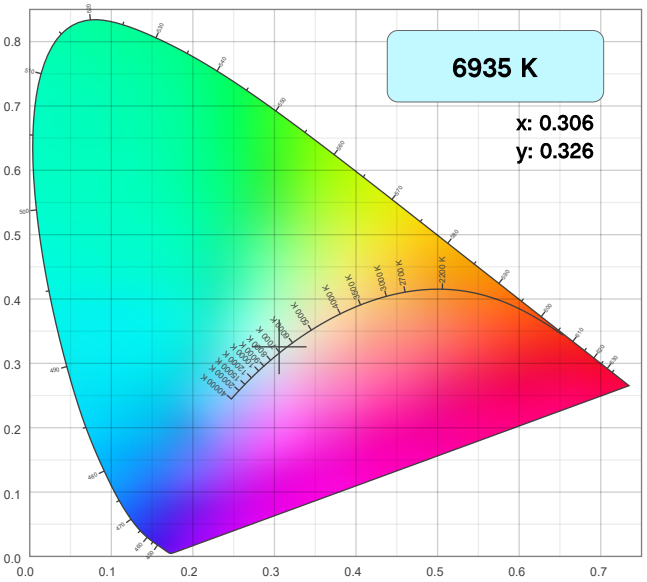
Chromaticity Report

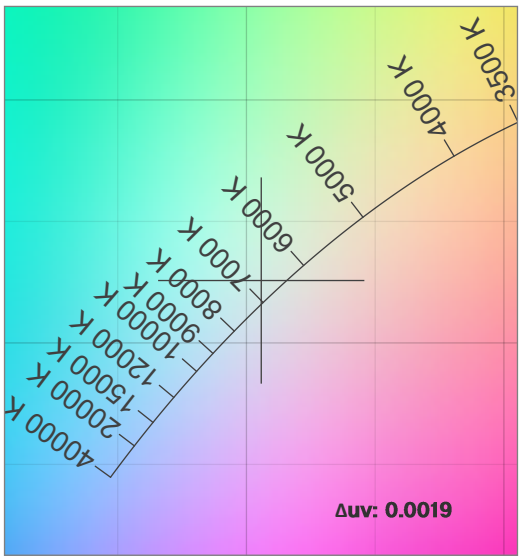
Maverick Force 1 Spot: 50% Zoom - TV35

Chromaticity

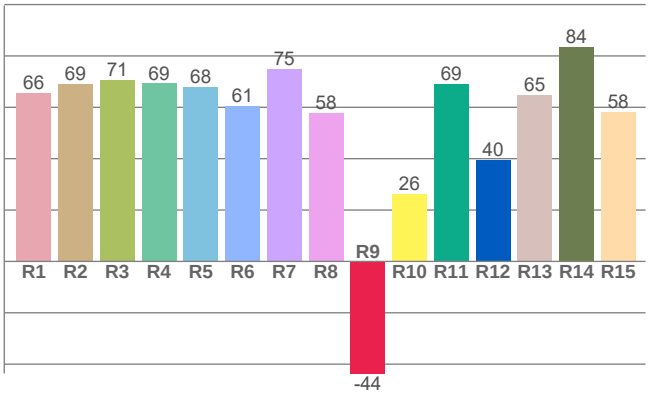
CIE 1931



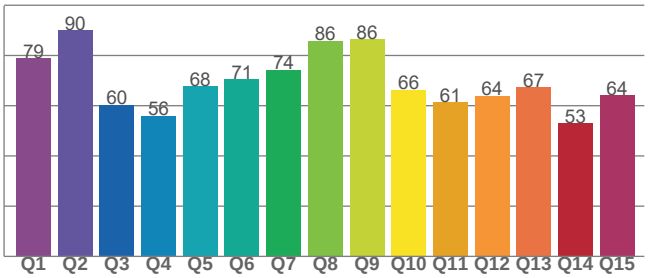
CIE 1931 - Zoom



CRI: 67.0 (R1-R8)



CQS: 67.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6935 K	0.306	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.326	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.0	-43.6	67.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
43	64.4	93.9

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Chromaticity Report

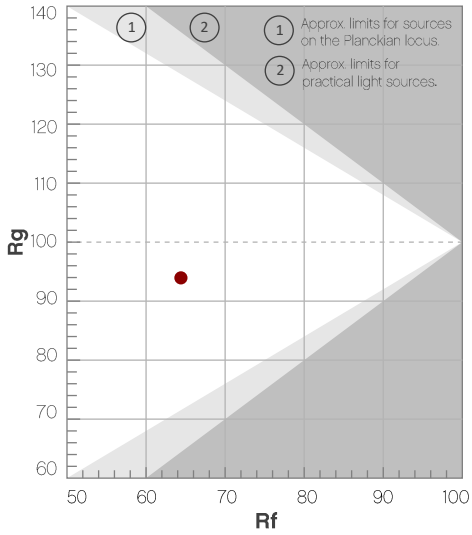
Maverick Force 1 Spot: 50% Zoom - TV35

TM-30-18 Details

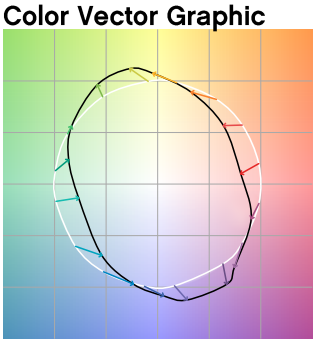
Rf 64.4
Fidelity Index (Rg)

Rg 93.9
Gamut Index (Rg)

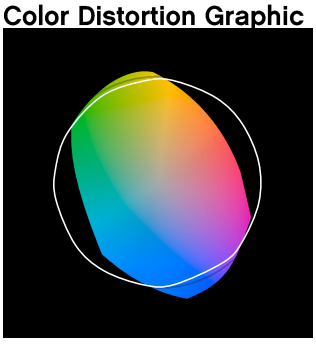
Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	63	-15%	10%
3	56	-8%	24%
4	56	4%	24%
5	63	16%	15%
6	77	13%	-2%
7	87	1%	-8%
8	69	-11%	-13%
9	72	-22%	1%
10	58	-16%	22%
11	31	-6%	31%
12	61	5%	20%
13	76	16%	9%
14	74	18%	-8%
15	65	7%	-24%
16	69	-5%	-16%



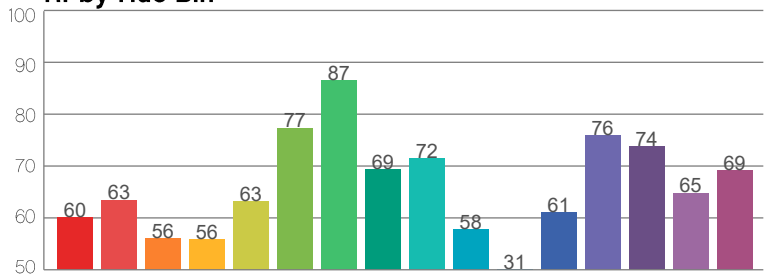
Color Vector Graphic



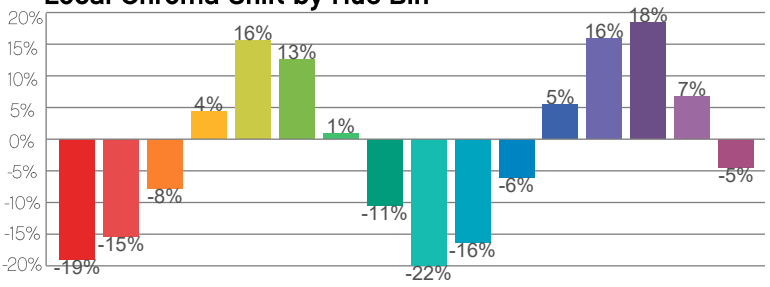
Color Distortion Graphic



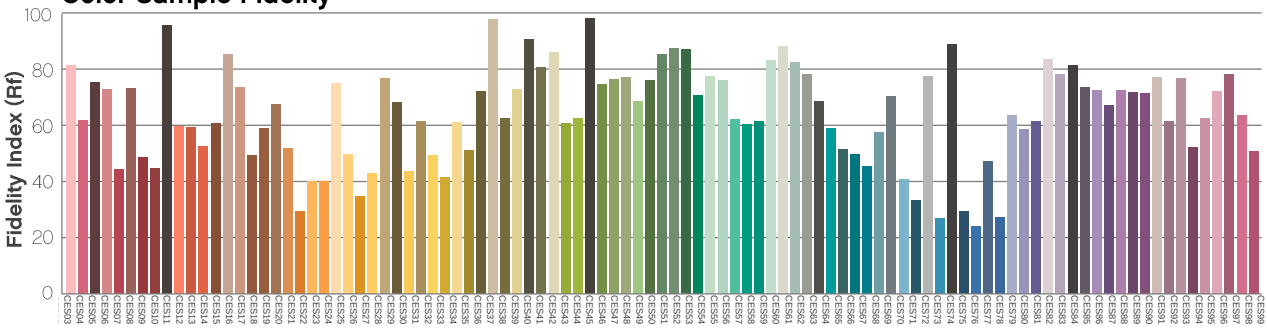
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV35

Report Summary

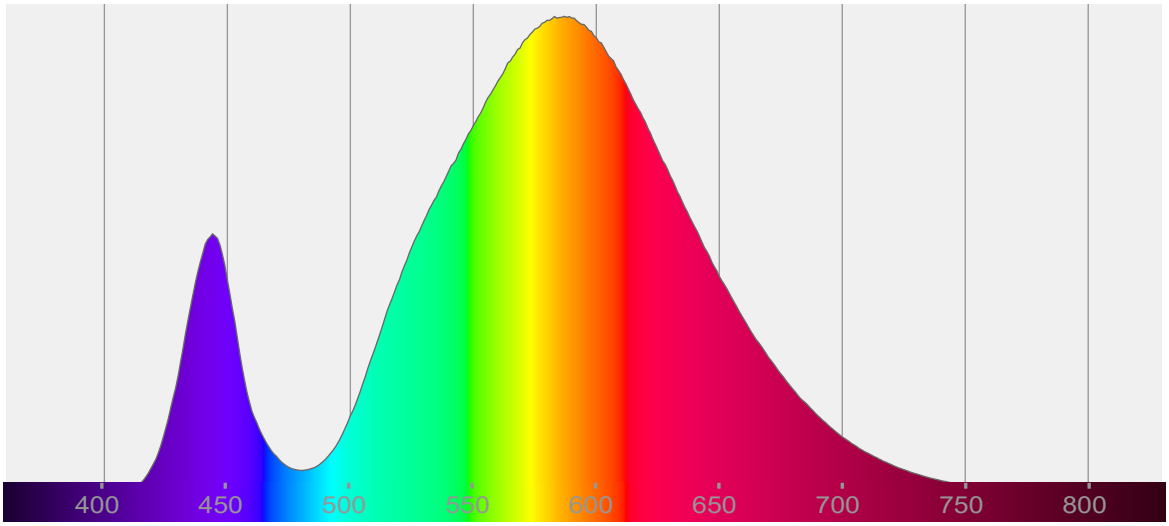
Measurements

Total Lumens: 3759 lm
Peak Intensity: 47915 cd
Fixture Efficacy: 6 lm/W

Correlated Color Temperature: 325
Δuv: 0.0069

CRI: 66.4 CRI R9 Value: -43.1
CQS: 68.3
TLCI: 40
TM-30-18 Rf: 67.1
TM-30-18 Rg: 93.3
1st Dominant Wavelength: 587 nM
2nd Dominant Wavelength: 444 nM

Spectral Distribution



Tested Color

3257 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.418

Color Temperature

3257 K

Light Quality

CRI: 66.4

Notes:

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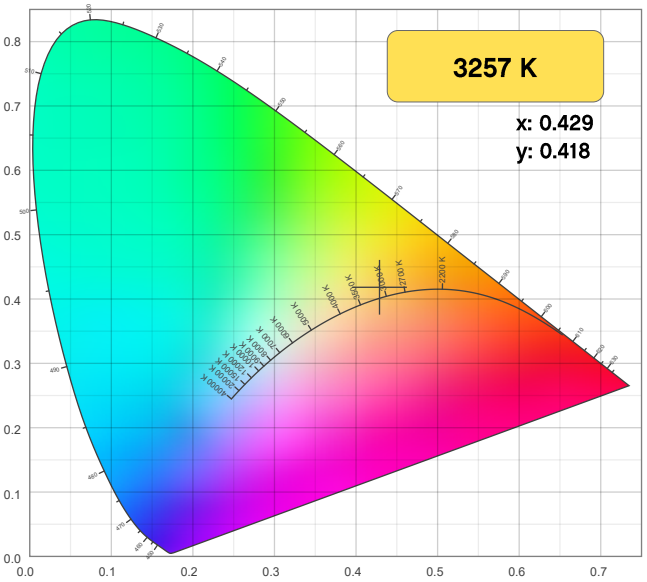
Chromaticity Report

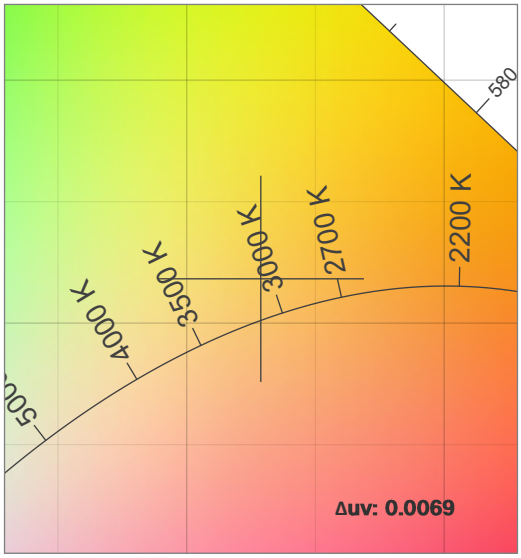
Maverick Force 1 Spot: 50% Zoom with CTO - TV35

Chromaticity

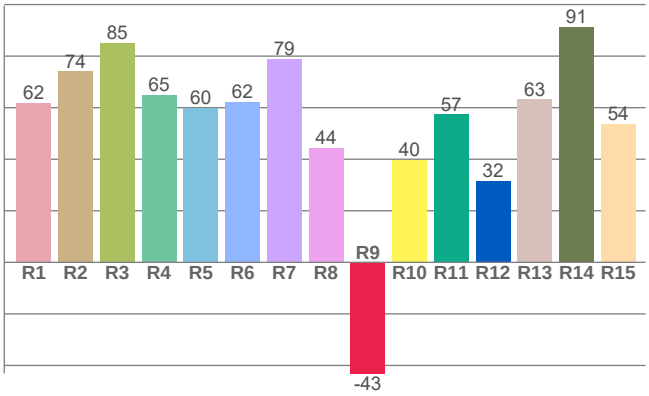
CIE 1931



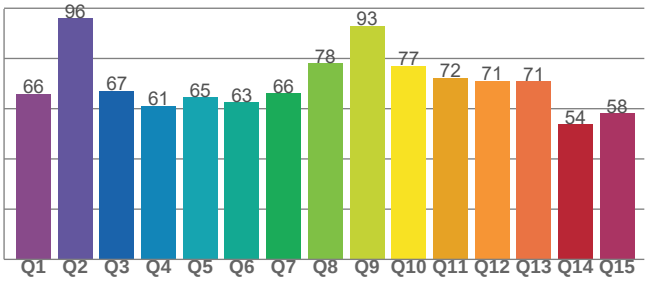
CIE 1931 - Zoom



CRI: 66.4 (R1-R8)



CQS: 68.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3257 K	0.429	0.418

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0069	0.418	0.239

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.4	-43.1	68.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
40	67.1	93.3

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Chromaticity Report

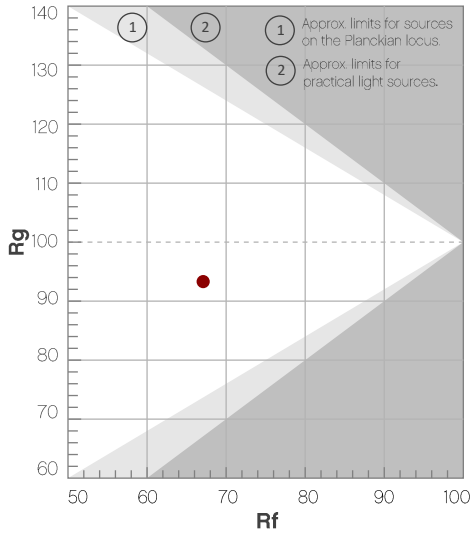
Maverick Force 1 Spot: 50% Zoom with CTO - TV35

TM-30-18 Details

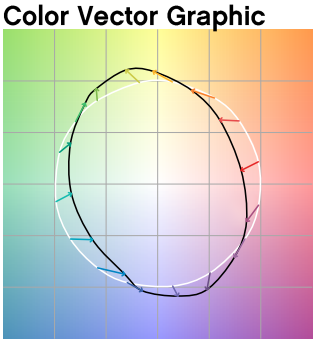
Rf 67.1
Fidelity Index (Rg)

Rg 93.3
Gamut Index (Rg)

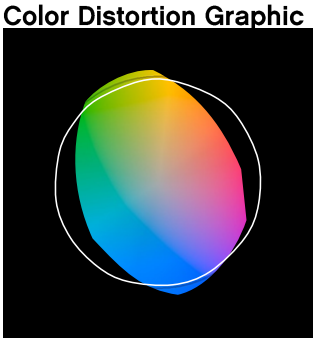
Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-5%
2	63	-15%	11%
3	52	-6%	22%
4	62	7%	20%
5	76	14%	10%
6	79	10%	-6%
7	65	2%	-20%
8	76	-9%	-11%
9	72	-16%	-5%
10	58	-17%	12%
11	55	-10%	25%
12	72	5%	16%
13	81	10%	3%
14	75	12%	-11%
15	67	1%	-20%
16	70	-8%	-18%



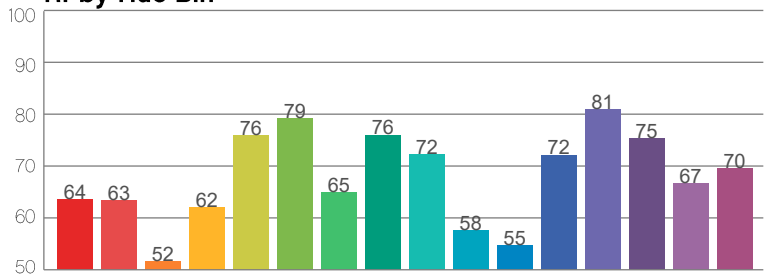
Color Vector Graphic



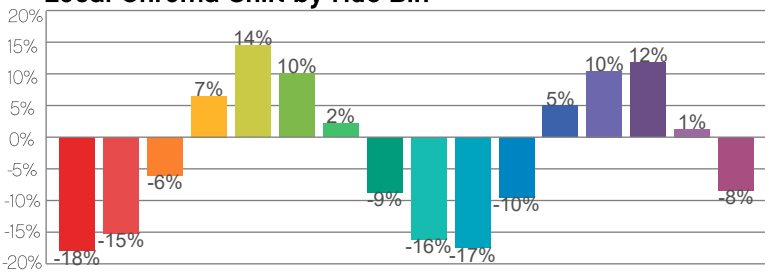
Color Distortion Graphic



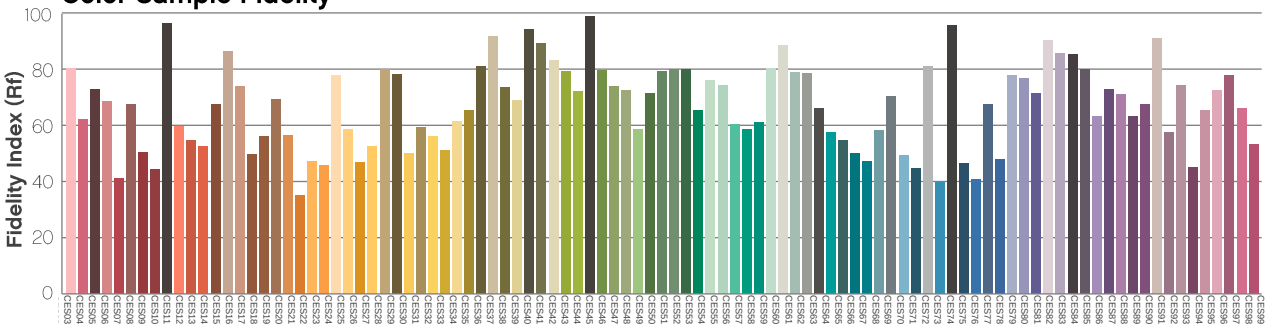
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom - TV25

Report Summary

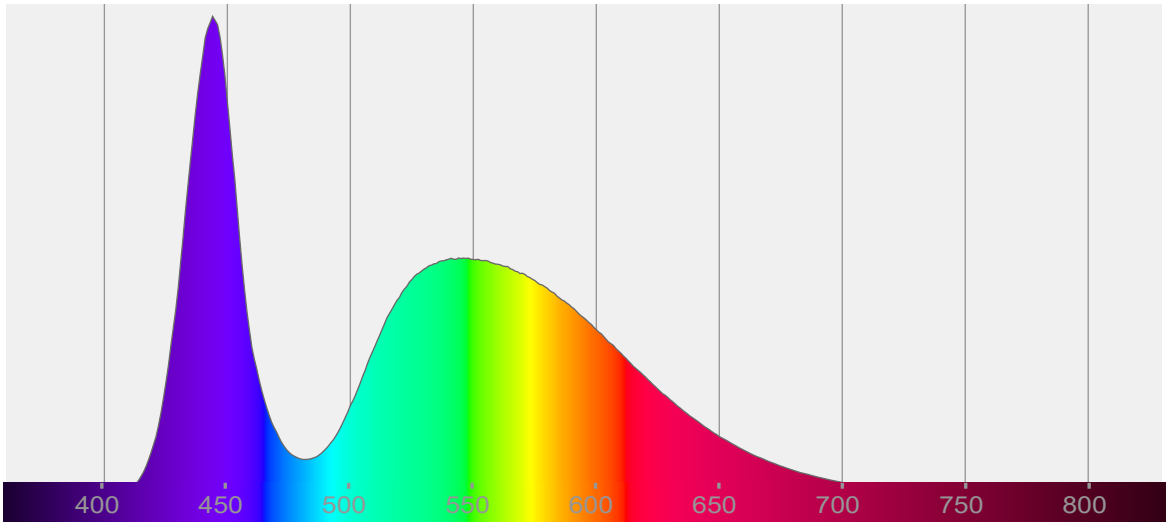
Measurements

Total Lumens: 11954 lm
Peak Intensity: 153430 cd
Fixture Efficacy: 18 lm/W

Correlated Color Temperature: 695
Δuv: 0.0017

CRI: 67.3 CRI R9 Value: -42.6
CQS: 67.9
TLCI: 44
TM-30-18 Rf: 64.7
TM-30-18 Rg: 93.9
1st Dominant Wavelength: 444 nM
2nd Dominant Wavelength: 544 nM

Spectral Distribution



Tested Color

6950 K
CIE 1931 Coordinates:
X: 0.306 Y: 0.325

Color Temperature

6950 K

Light Quality

CRI: 67.3

Notes:

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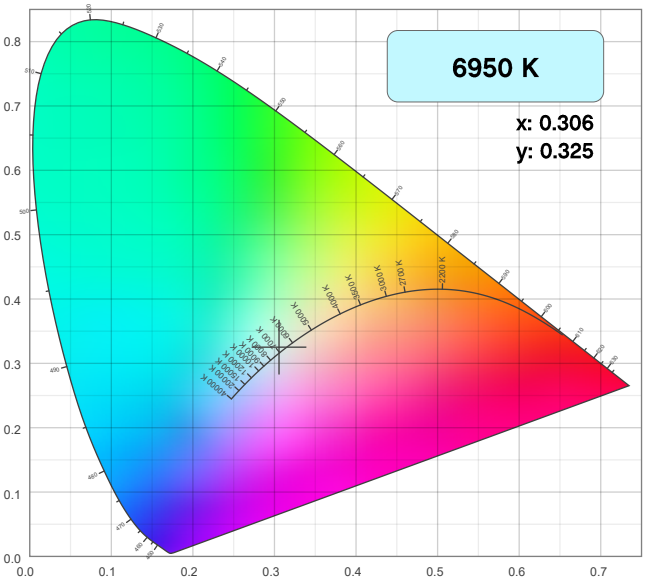
Chromaticity Report

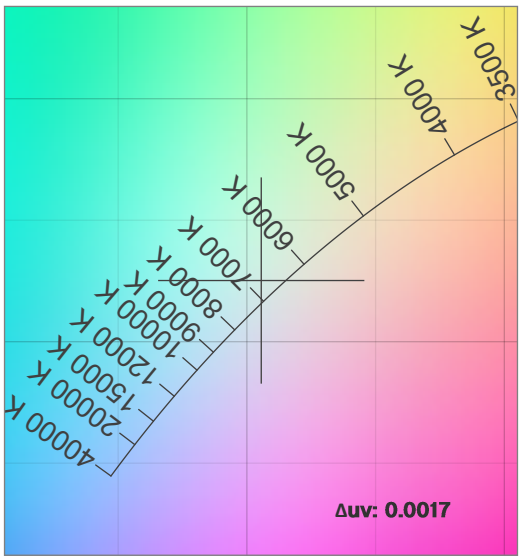
Maverick Force 1 Spot: 50% Zoom - TV25

Chromaticity

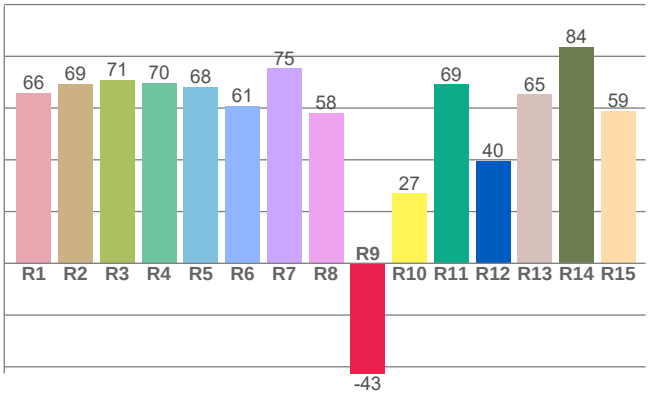
CIE 1931



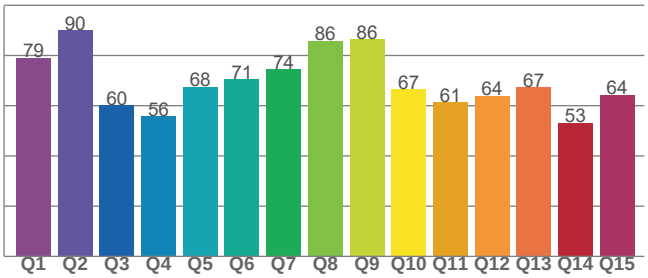
CIE 1931 - Zoom



CRI: 67.3 (R1-R8)



CQS: 67.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6950 K	0.306	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0017	0.325	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.3	-42.6	67.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	64.7	93.9

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Chromaticity Report

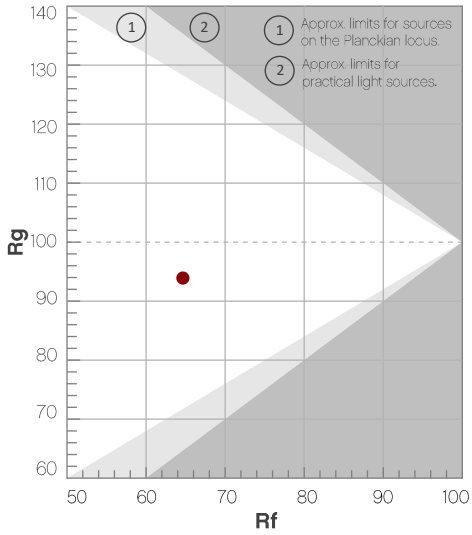
Maverick Force 1 Spot: 50% Zoom - TV25

TM-30-18 Details

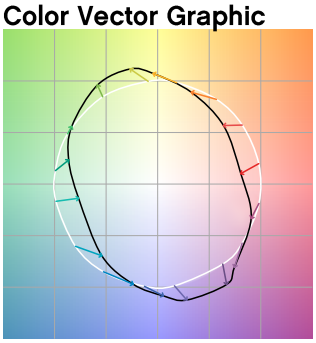
Rf 64.7
Fidelity Index (Rg)

Rg 93.9
Gamut Index (Rg)

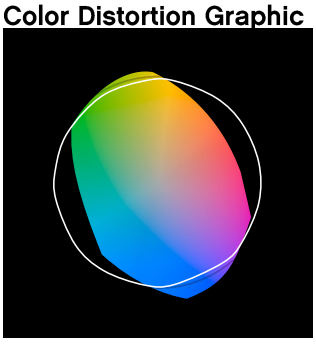
Hue Bin	R_f	Chroma Shift	Hue Shift
1	60	-19%	-6%
2	64	-15%	10%
3	56	-8%	24%
4	56	4%	24%
5	64	15%	15%
6	78	12%	-2%
7	87	1%	-8%
8	70	-11%	-13%
9	72	-22%	1%
10	58	-16%	22%
11	31	-6%	31%
12	61	5%	20%
13	76	16%	9%
14	74	19%	-8%
15	65	7%	-23%
16	69	-5%	-16%



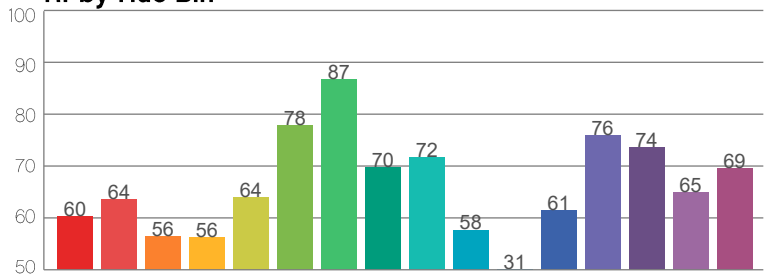
Color Vector Graphic



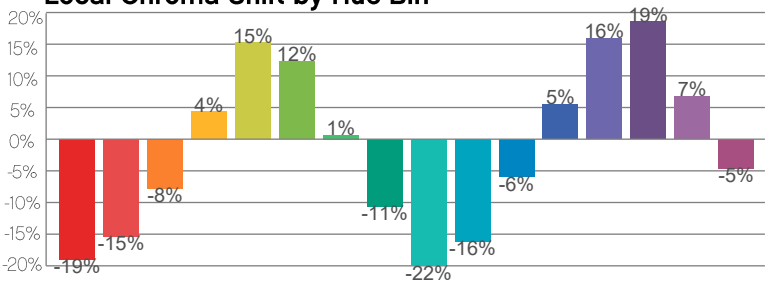
Color Distortion Graphic



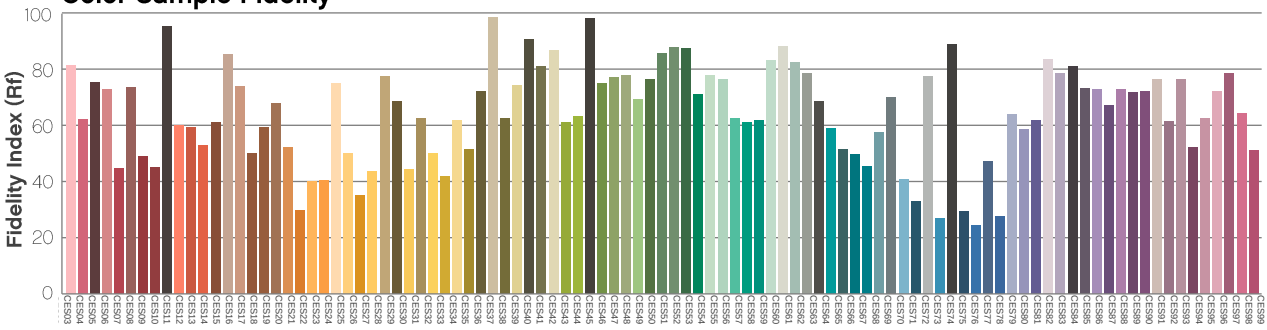
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Chromaticity Report

Maverick Force 1 Spot: 50% Zoom with CTO - TV25

Report Summary

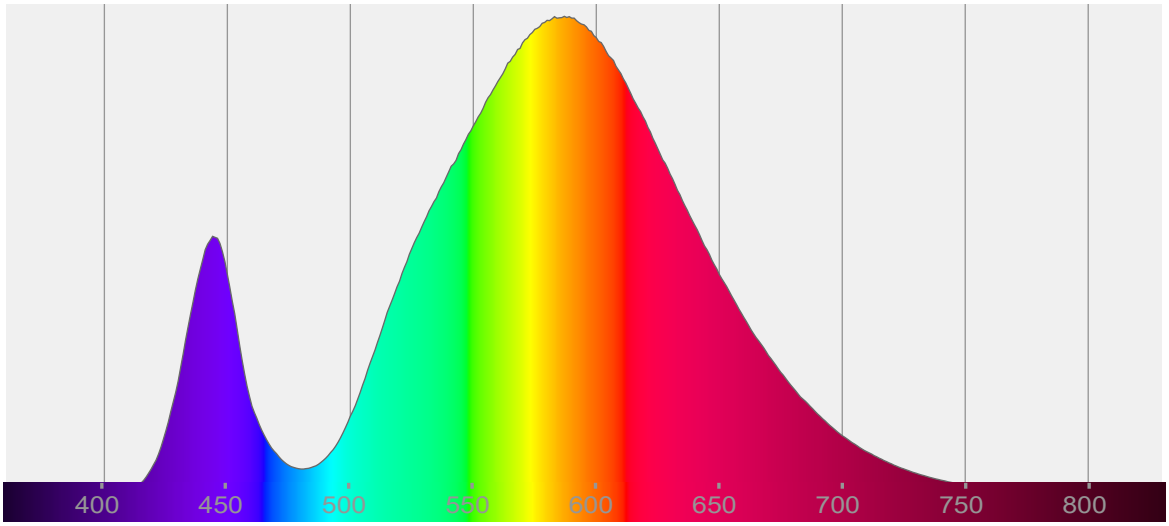
Measurements

Total Lumens: 4603 lm
Peak Intensity: 59015 cd
Fixture Efficacy: 7 lm/W

Correlated Color Temperature: 325
Δuv: 0.0067

CRI: 66.6 CRI R9 Value: -42.3
CQS: 68.4
TLCI: 40
TM-30-18 Rf: 67.3
TM-30-18 Rg: 93.3
1st Dominant Wavelength: 587 nM
2nd Dominant Wavelength: 444 nM

Spectral Distribution



Tested Color

3251 K
CIE 1931 Coordinates:
X: 0.429 Y: 0.418

Color Temperature

3251 K

Light Quality

CRI: 66.6

Notes:

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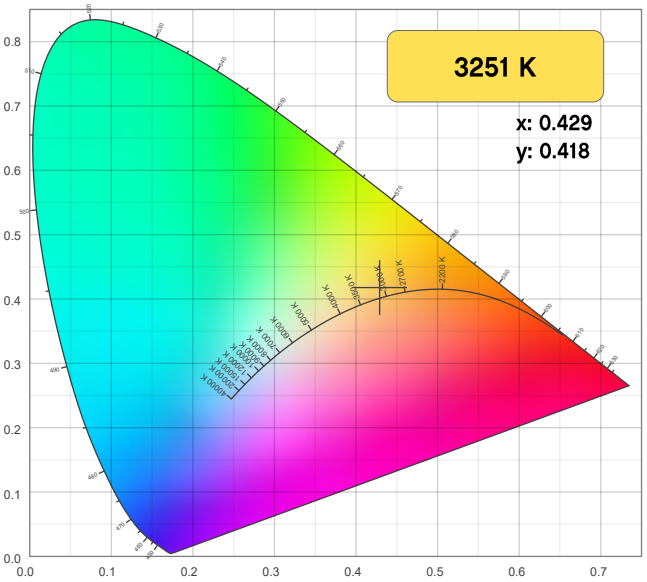
Chromaticity Report

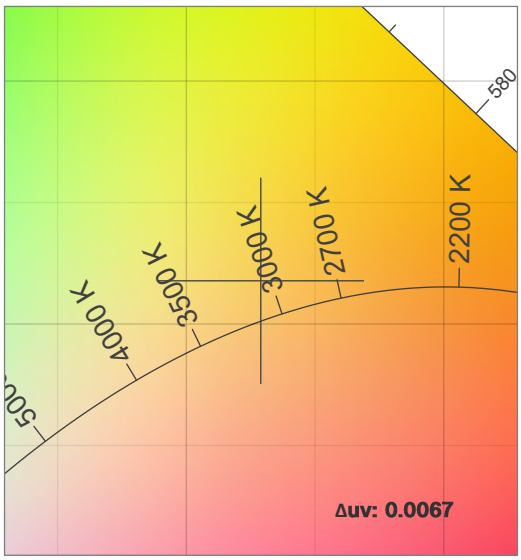
Maverick Force 1 Spot: 50% Zoom with CTO - TV25

Chromaticity

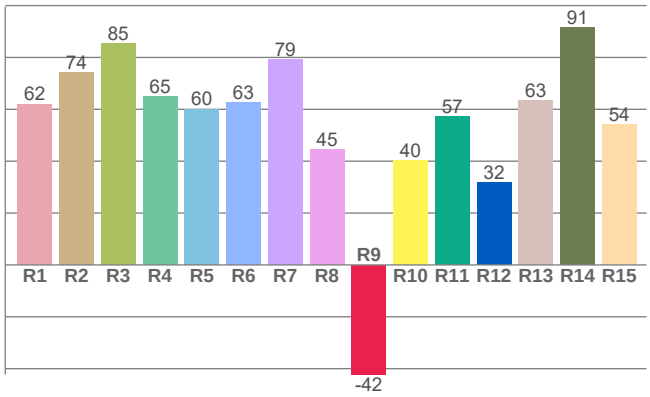
CIE 1931



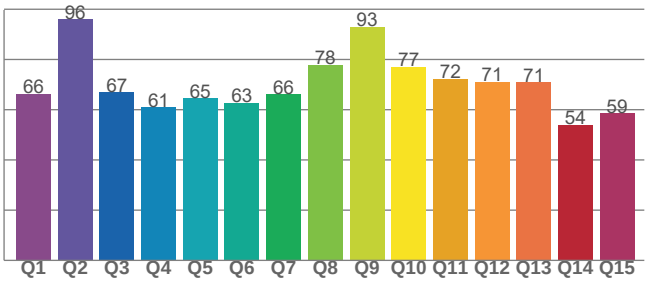
CIE 1931 - Zoom



CRI: 66.6 (R1-R8)



CQS: 68.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3251 K	0.429	0.418

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0067	0.418	0.240

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.6	-42.3	68.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
40	67.3	93.3

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Chromaticity Report

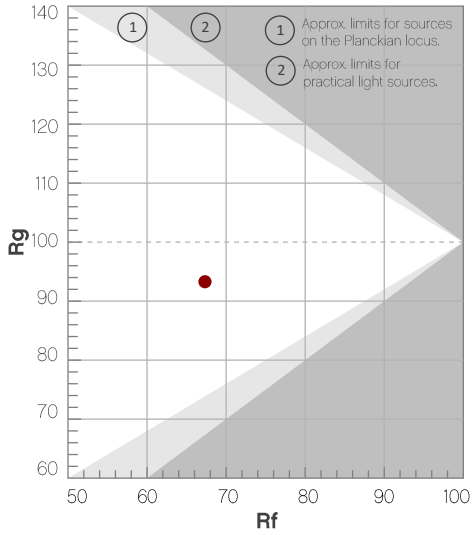
Maverick Force 1 Spot: 50% Zoom with CTO - TV25

TM-30-18 Details

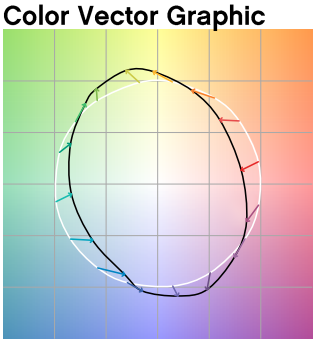
Rf 67.3
Fidelity Index (Rg)

Rg 93.3
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-18%	-5%
2	64	-15%	11%
3	52	-6%	22%
4	63	6%	20%
5	77	14%	10%
6	80	10%	-6%
7	66	2%	-20%
8	76	-9%	-10%
9	73	-16%	-4%
10	58	-17%	13%
11	55	-9%	25%
12	72	5%	16%
13	81	10%	3%
14	75	12%	-12%
15	67	1%	-20%
16	69	-8%	-18%

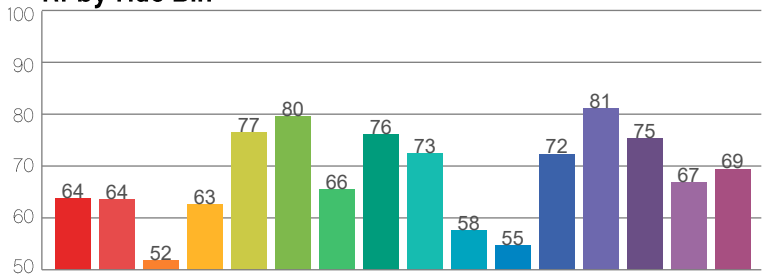


Color Vector Graphic

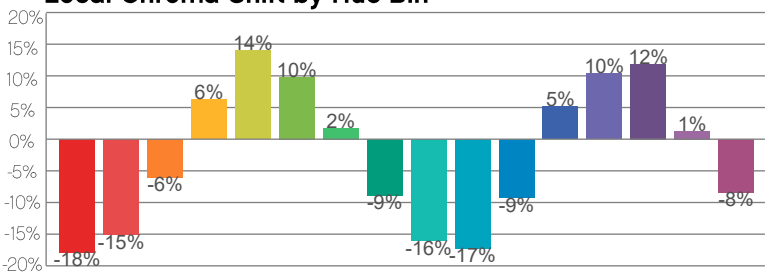


Color Distortion Graphic

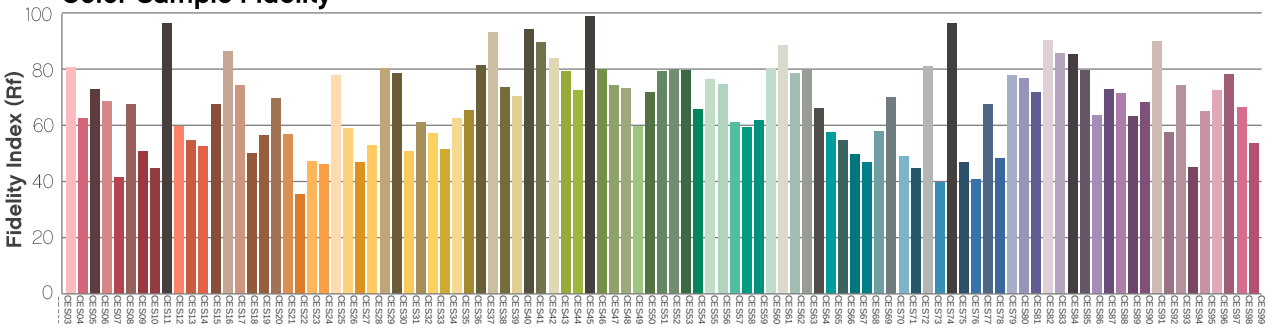
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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