PHOTOMETRICS REPORT

MAVERICK

MK2 SPOT

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 MK2 Spot: Full Flood, Full Power

Report Summary

Output

Total Lumens: 18506 lm
Peak Intensity: 68283 cd
Illuminance @ 5m: 2731 lux
Fixture Efficacy: 29 lm/W

Optical

Horizontal Beam Angle (50%): 35.6°
Vertical Beam Angle (50%): 35.6°
Horizontal Field Angle (10%): 40.5°
Vertical Field Angle (10%): 40.5°
Horizontal Cutoff Angle (3%): 41.7°
Vertical Cutoff Angle (3%): 41.7°

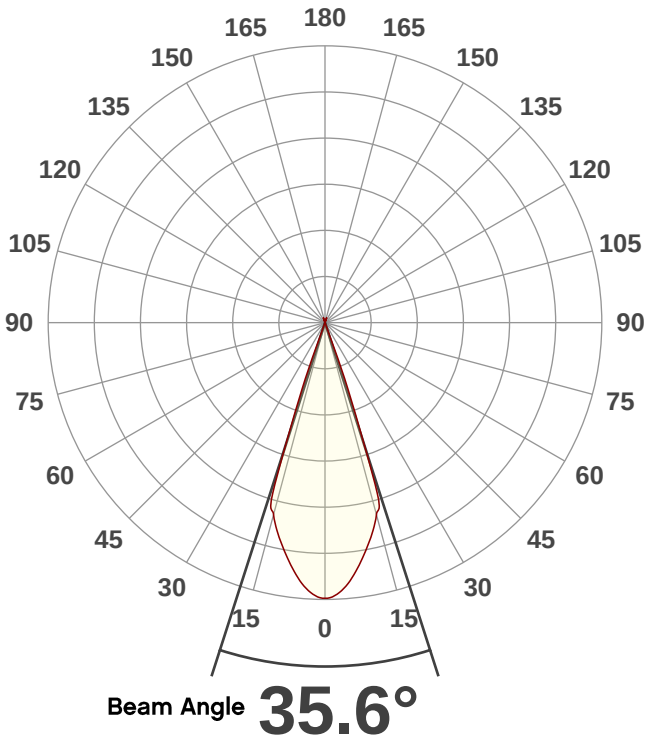
Conditions

AC Supply: 116 V, 60 Hz
Power: 637.6 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 3/12/2020 to LM-63-2002 Standards.

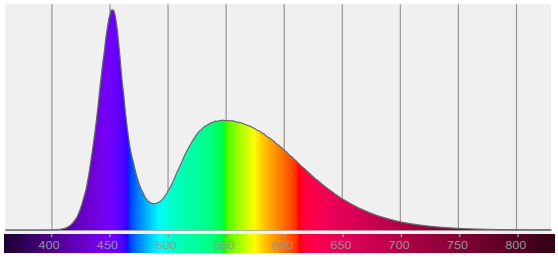
Overall Measurement

Angular Beam Distribution

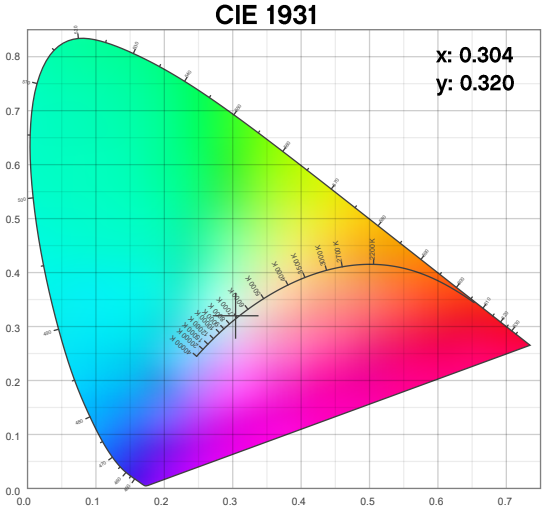


Beam Angle **35.6°**

Spectral Distribution



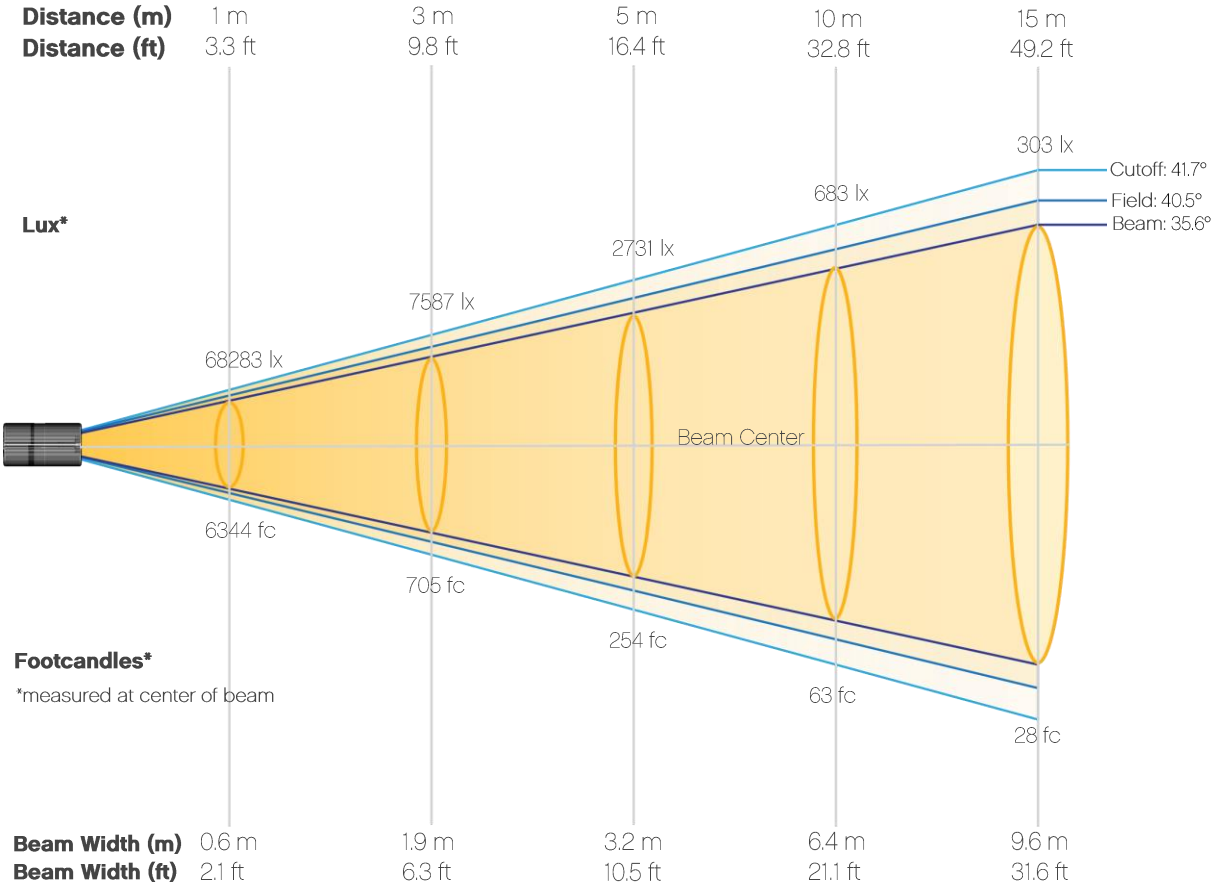
CIE 1931



Photometric Report

Maverick MK2 Spot: Full Flood, Full Power

Beam Details



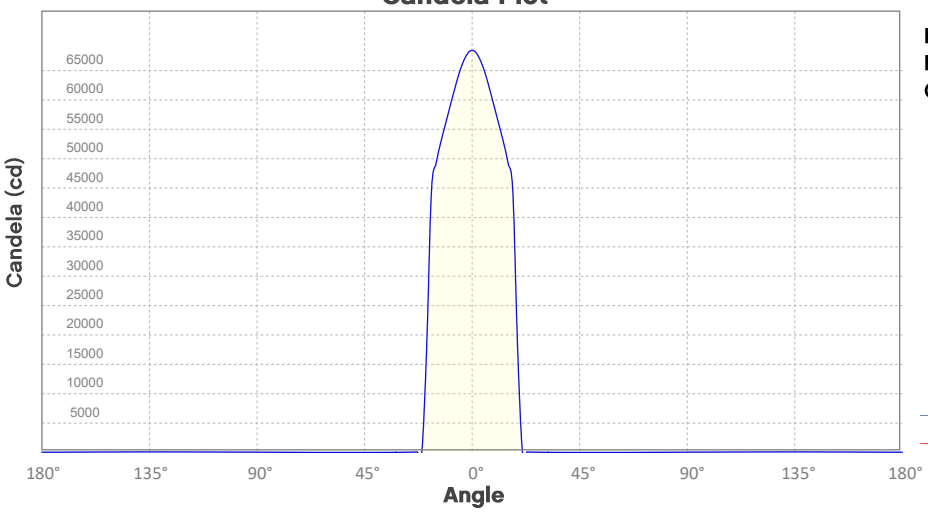
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	68283	17071	7587	4268	2731	1897	1394	1067	843	683
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	564	474	404	348	303	267	236	211	189	171
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	6344	1586	705	396	254	176	129	99	78	63
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	52	44	38	32	28	25	22	20	18	16

Photometric Report

Maverick MK2 Spot: Full Flood, Full Power

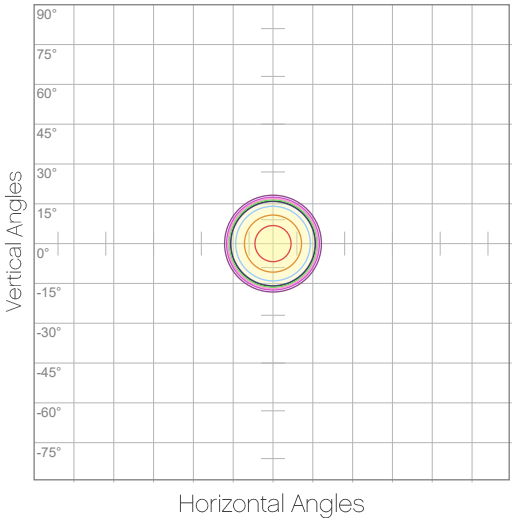
Candela Plot



Beam Angle (50%): 35.6°
Field Angle (10%): 40.5°
Cutoff Angle (3%): 41.7°

Horizontal Distribution
Vertical Distribution

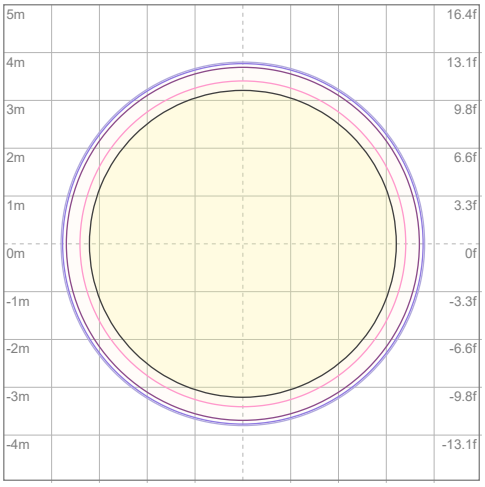
Polar Diagrams



iso-candela Diagram

10%	6828 cd
20%	13657 cd
30%	20485 cd
40%	27313 cd
50%	34142 cd
60%	40970 cd
70%	47798 cd
80%	54627 cd
90%	61455 cd

Conditions:
Number of c-planes: 2
Candela at center: 68283 cd



iso-illuminance Diagram

3%	20.5 lx
5%	34.1 lx
10%	68.3 lx
30%	205 lx
50%	341 lx

Conditions:
Number of c-planes: 2
Lux at center: 683 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK2 Spot: Full Flood-w/CTO Filter, Full Power

Report Summary

Output

Total Lumens: 7169 lm
Peak Intensity: 25954 cd
Illuminance @ 5m: 1038 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 36.6°
Vertical Beam Angle (50%): 36.6°
Horizontal Field Angle (10%): 39.5°
Vertical Field Angle (10%): 39.5°
Horizontal Cutoff Angle (3%): 40°
Vertical Cutoff Angle (3%): 40°

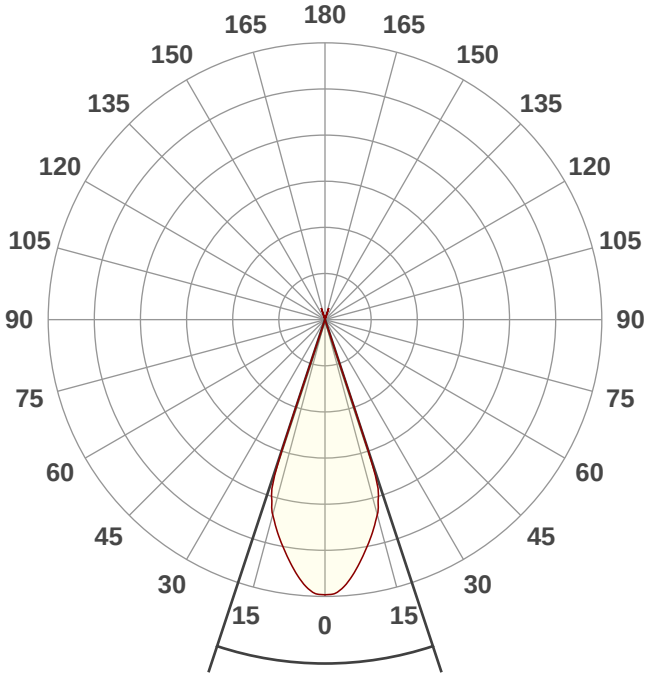
Conditions

AC Supply: 117 V, 60 Hz
Power: 632.2 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 3/13/2020 to LM-63-2002 Standards.

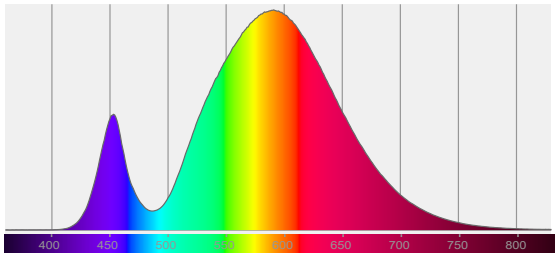
Overall Measurement

Angular Beam Distribution

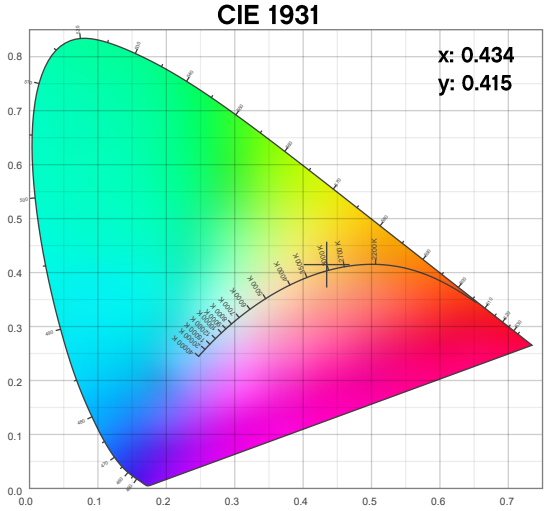


Beam Angle **36.6°**

Spectral Distribution



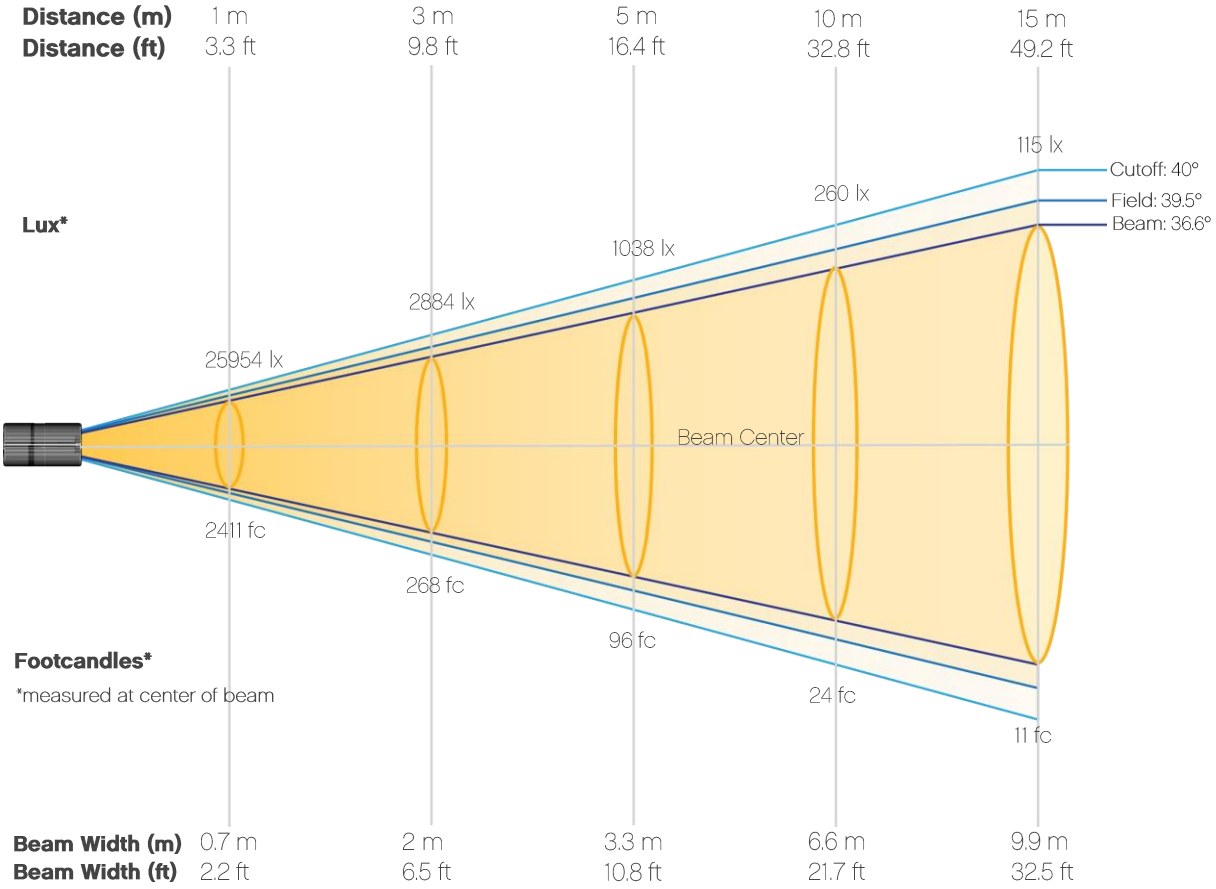
CIE 1931



Photometric Report

Maverick MK2 Spot: Full Flood-w/CTO 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	25954	6488	2884	1622	1038	721	530	406	320	260
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	214	180	154	132	115	101	90	80	72	65
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2411	603	268	151	96	67	49	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	9	8	7	7	6

Photometric Report

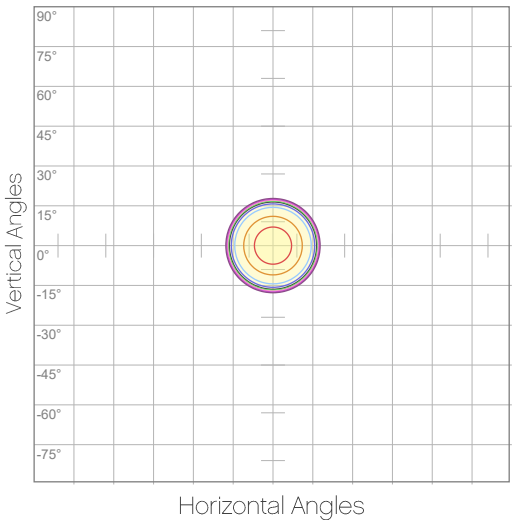
Maverick MK2 Spot: Full Flood-w/CTO Filter, Full Power

Candela Plot

Beam Angle (50%): 36.6°
Field Angle (10%): 39.5°
Cutoff Angle (3%): 40°

Horizontal Distribution
Vertical Distribution

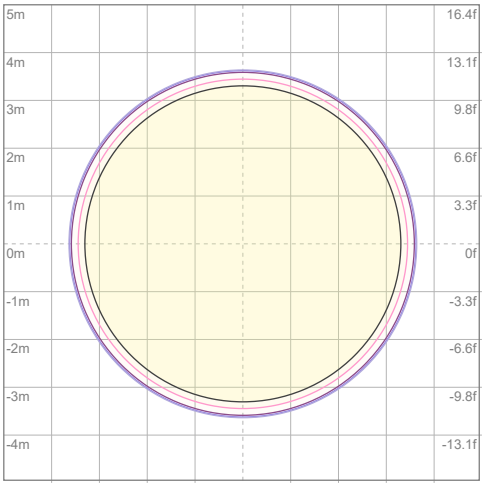
Polar Diagrams



iso-candela Diagram

10%	2595 cd
20%	5191 cd
30%	7786 cd
40%	10381 cd
50%	12977 cd
60%	15572 cd
70%	18168 cd
80%	20763 cd
90%	23358 cd

Conditions:
Number of c-planes: 2
Candela at center: 25954 cd



iso-illuminance Diagram

3%	7.79 lx
5%	13.0 lx
10%	26.0 lx
30%	77.9 lx
50%	130 lx

Conditions:
Number of c-planes: 2
Lux at center: 260 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK2 Spot: Full Spot, Full Power

Report Summary

Output

Total Lumens: 17277 lm
Peak Intensity: 504998 cd
Illuminance @ 5m: 20200 lux
Fixture Efficacy: 27 lm/W

Optical

Horizontal Beam Angle (50%): 12°
Vertical Beam Angle (50%): 12°
Horizontal Field Angle (10%): 14.7°
Vertical Field Angle (10%): 14.7°
Horizontal Cutoff Angle (3%): 15.2°
Vertical Cutoff Angle (3%): 15.2°

Conditions

AC Supply: 116 V, 60 Hz
Power: 647.87 W
Current: 5.58 A
Power Factor: 1.0

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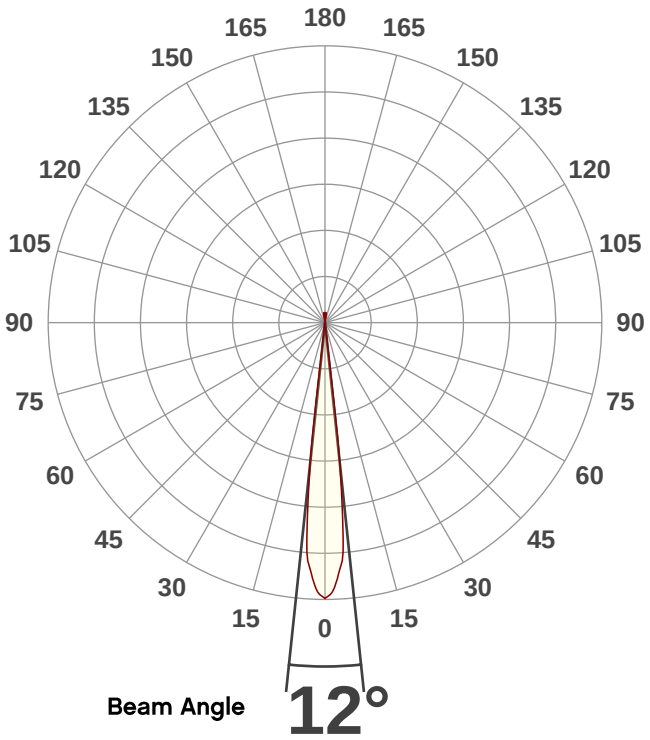
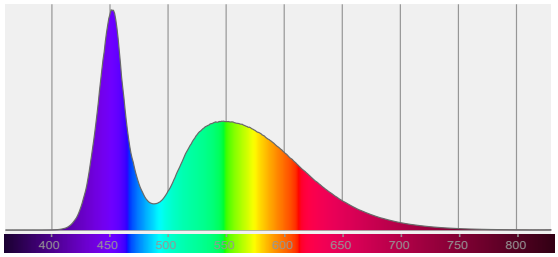
Overall Measurement

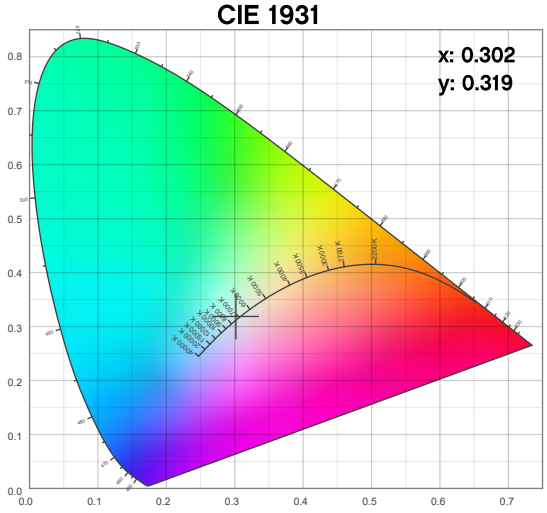
Angular Beam Distribution



Spectral Distribution



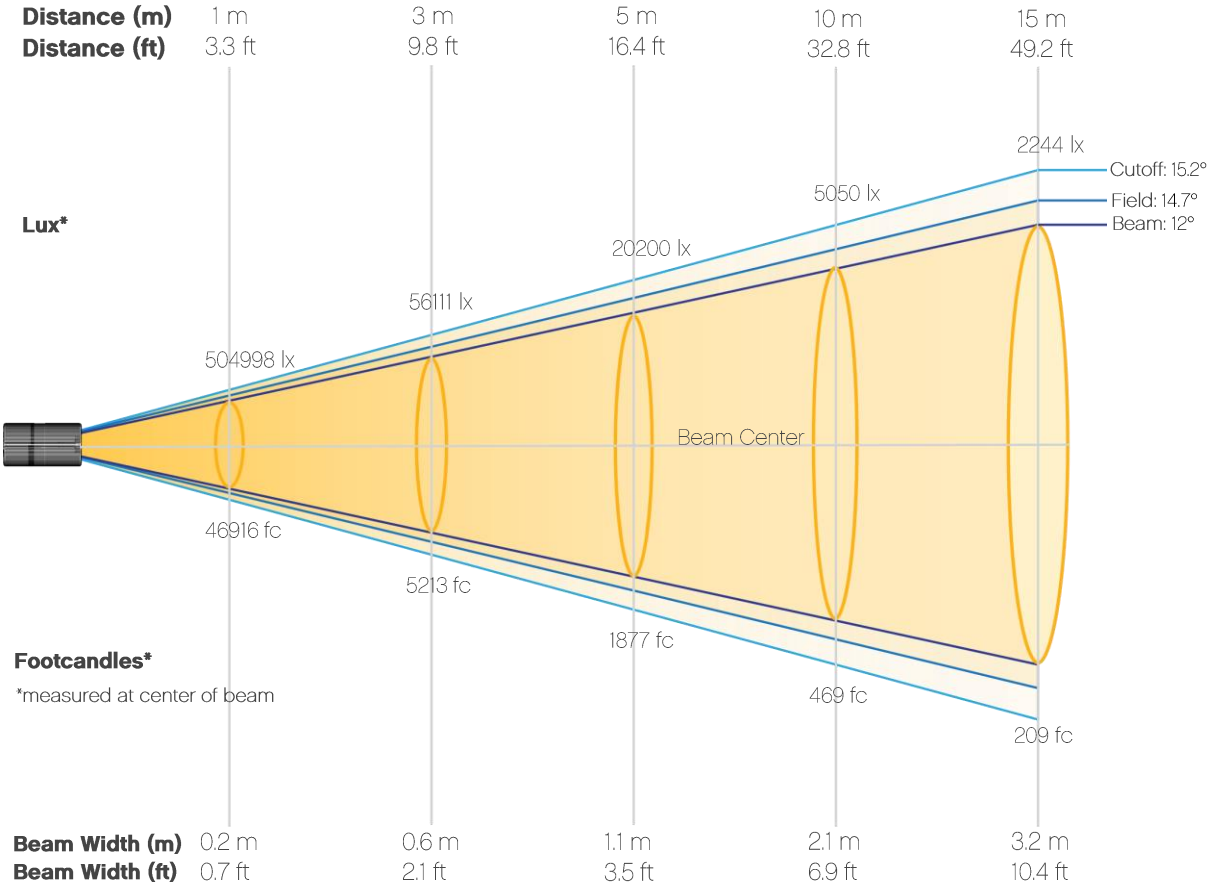
CIE 1931



Photometric Report

Maverick MK2 Spot: Full Spot, Full Power

Beam Details



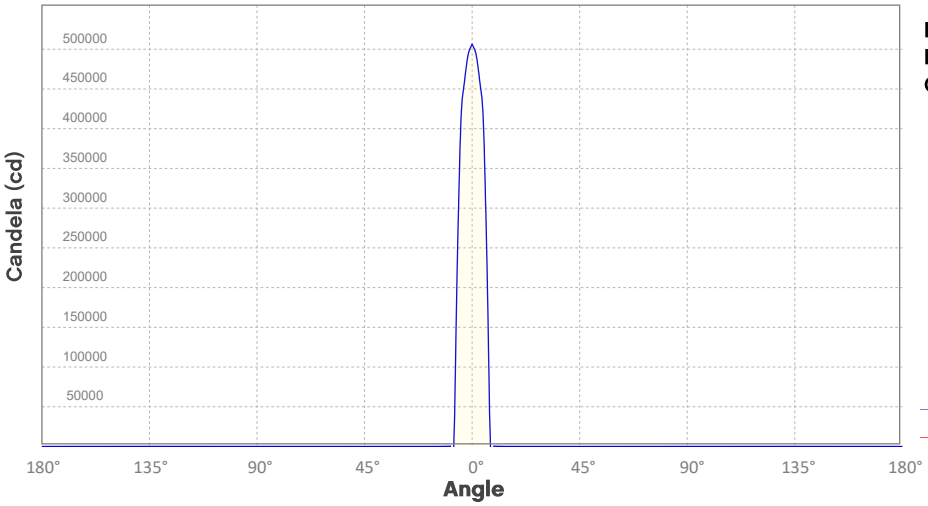
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	504998	126250	56111	31562	20200	14028	10306	7891	6235	5050
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	4174	3507	2988	2577	2244	1973	1747	1559	1399	1262
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	46916	11729	5213	2932	1877	1303	957	733	579	469
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	388	326	278	239	209	183	162	145	130	117

Photometric Report

Maverick MK2 Spot: Full Spot, Full Power

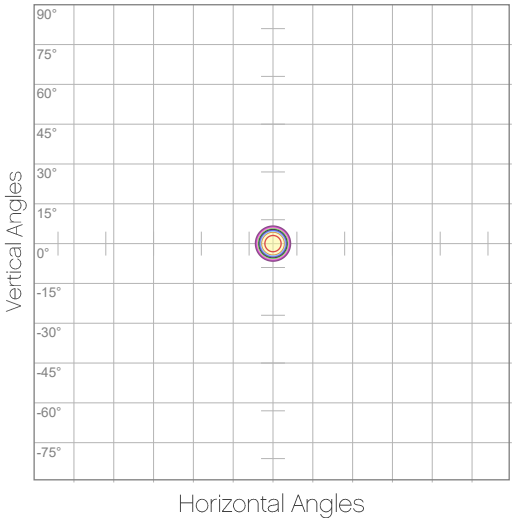
Candela Plot



Beam Angle (50%): 12°
Field Angle (10%): 14.7°
Cutoff Angle (3%): 15.2°

Horizontal Distribution
Vertical Distribution

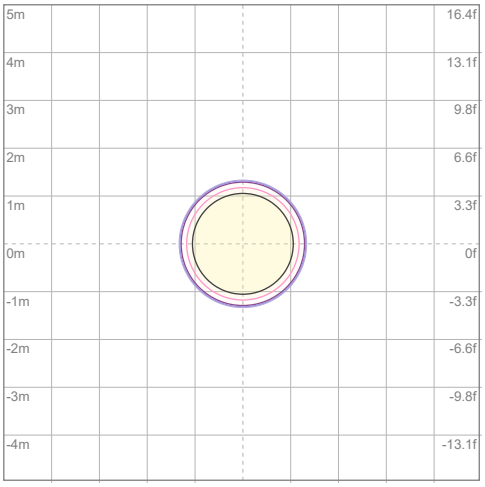
Polar Diagrams



iso-candela Diagram

10%	50500 cd
20%	101000 cd
30%	151499 cd
40%	201999 cd
50%	252499 cd
60%	302999 cd
70%	353499 cd
80%	403999 cd
90%	454498 cd

Conditions:
Number of c-planes: 2
Candela at center: 504998 cd



iso-illuminance Diagram

3%	151 lx
5%	252 lx
10%	505 lx
30%	1515 lx
50%	2525 lx

Conditions:
Number of c-planes: 2
Lux at center: 5050 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK2 Spot: Full Spot-w/CTO Filter, Full Power

Report Summary

Output

Total Lumens: 5887 lm
Peak Intensity: 189127 cd
Illuminance @ 5m: 7565 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 11.6°
Vertical Beam Angle (50%): 11.6°
Horizontal Field Angle (10%): 13°
Vertical Field Angle (10%): 13°
Horizontal Cutoff Angle (3%): 14.3°
Vertical Cutoff Angle (3%): 14.3°

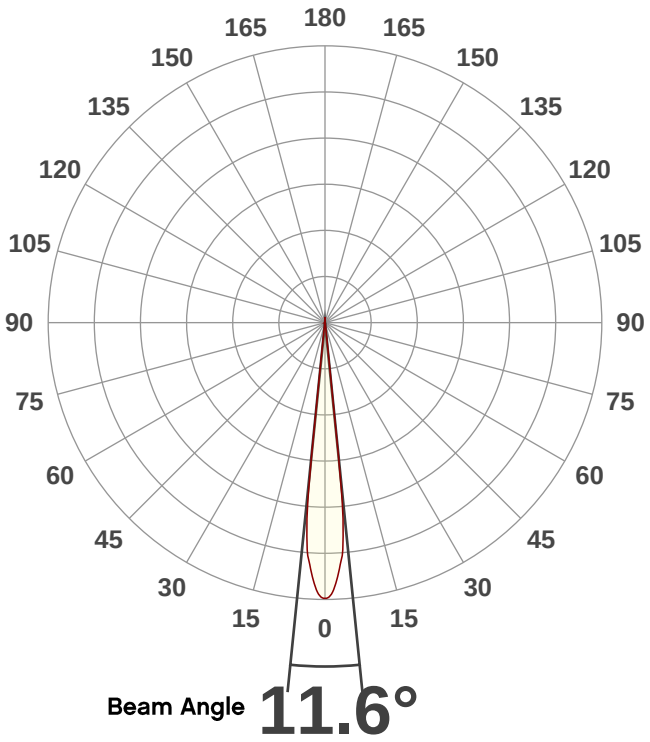
Conditions

AC Supply: 115 V, 60 Hz
Power: 640.9 W
Current: 5.56 A
Power Factor: 1.0

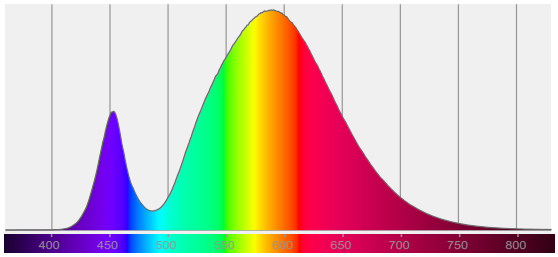
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 3/13/2020 to LM-63-2002 Standards.

Overall Measurement

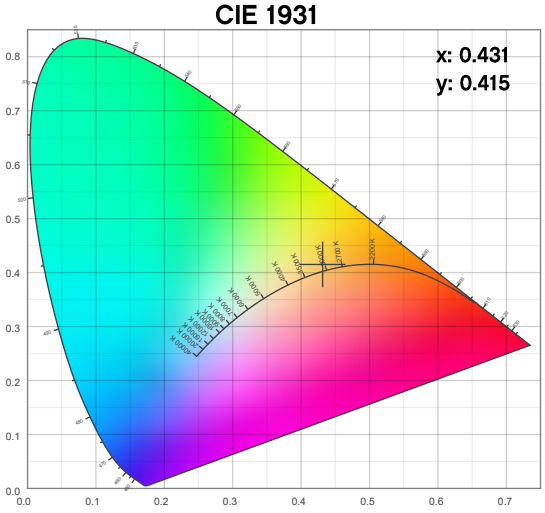
Angular Beam Distribution



Spectral Distribution



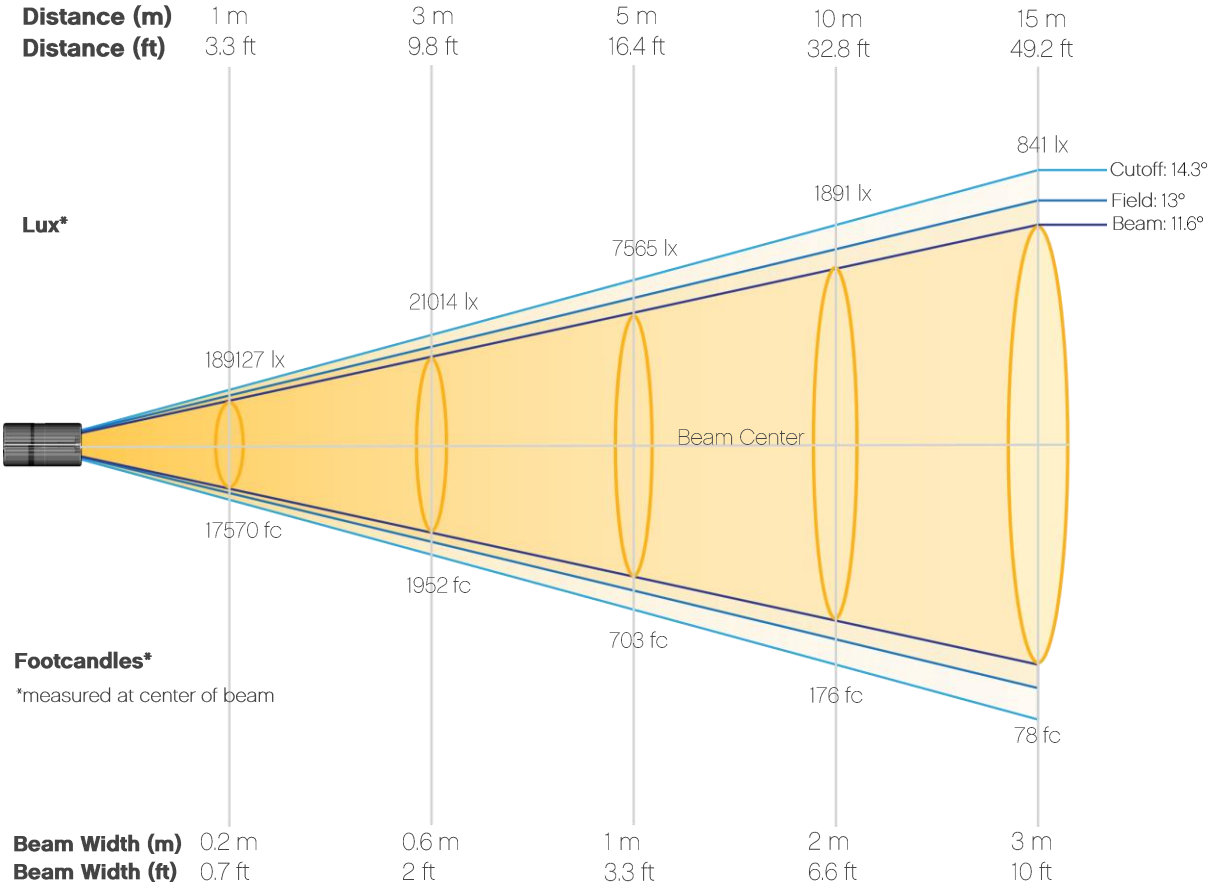
CIE 1931



Photometric Report

Maverick MK2 Spot: Full Spot-w/CTO Filter, Full Power

Beam Details



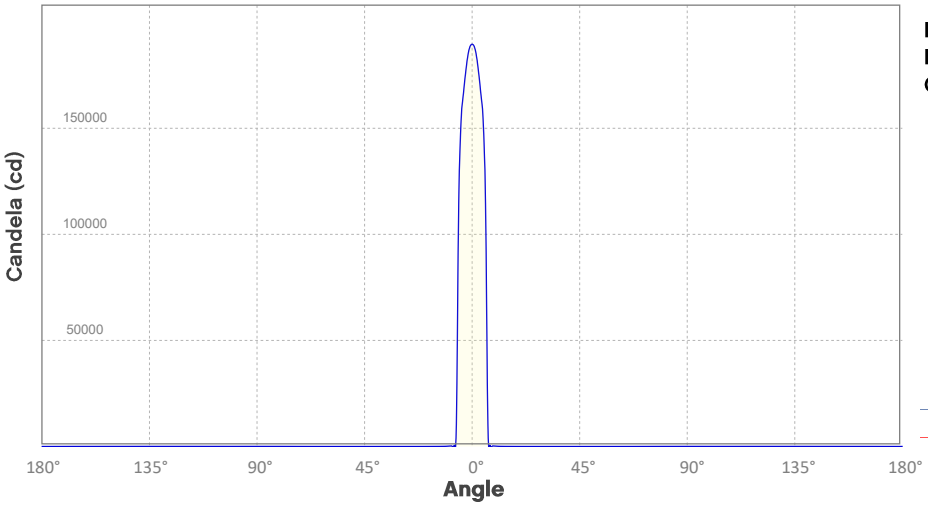
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	189127	47282	21014	11820	7565	5254	3860	2955	2335	1891
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1563	1313	1119	965	841	739	654	584	524	473
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	17570	4393	1952	1098	703	488	359	275	217	176
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	145	122	104	90	78	69	61	54	49	44

Photometric Report

Maverick MK2 Spot: Full Spot-w/CTO Filter, Full Power

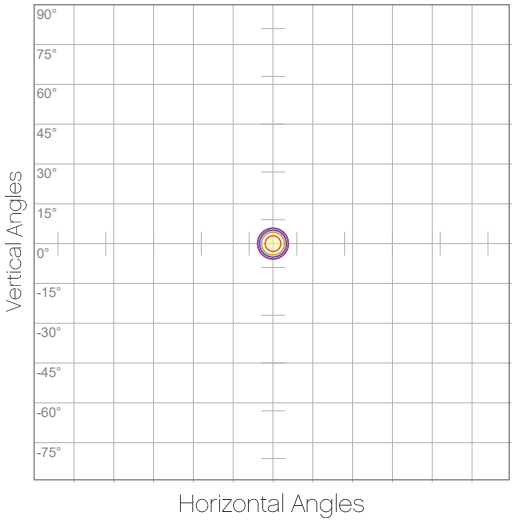
Candela Plot



Beam Angle (50%): 11.6°
Field Angle (10%): 13°
Cutoff Angle (3%): 14.3°

Horizontal Distribution
Vertical Distribution

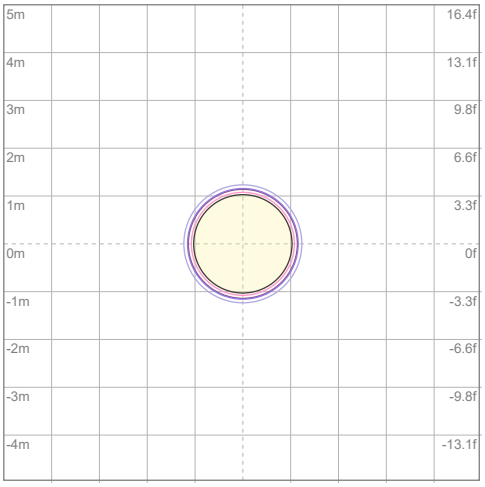
Polar Diagrams



iso-candela Diagram

10%	18913 cd
20%	37825 cd
30%	56738 cd
40%	75651 cd
50%	94563 cd
60%	113476 cd
70%	132389 cd
80%	151301 cd
90%	170214 cd

Conditions:
Number of c-planes: 2
Candela at center: 189127 cd



iso-illuminance Diagram

3%	56.7 lx
5%	94.6 lx
10%	189 lx
30%	567 lx
50%	946 lx

Conditions:
Number of c-planes: 2
Lux at center: 1891 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK2 Spot: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 18244 lm
Peak Intensity: 196154 cd
Illuminance @ 5m: 7846 lux
Fixture Efficacy: 29 lm/W

Optical

Horizontal Beam Angle (50%): 20°
Vertical Beam Angle (50%): 20°
Horizontal Field Angle (10%): 24.1°
Vertical Field Angle (10%): 24.1°
Horizontal Cutoff Angle (3%): 25.9°
Vertical Cutoff Angle (3%): 25.9°

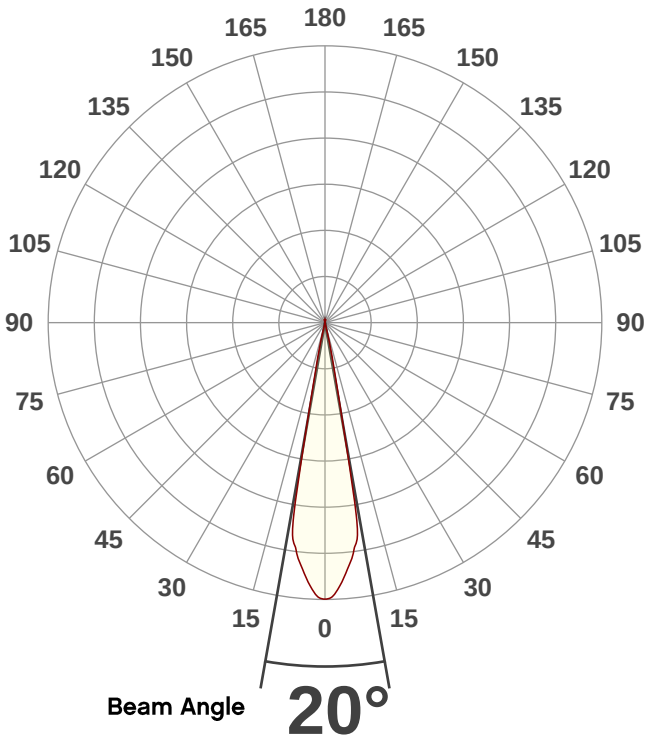
Conditions

AC Supply: 116 V, 60 Hz
Power: 634.95 W
Current: 5.48 A
Power Factor: 1.0

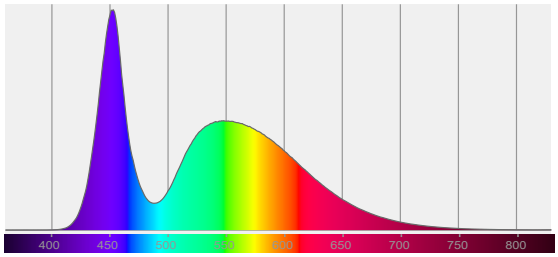
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 3/12/2020 to LM-63-2002 Standards.

Overall Measurement

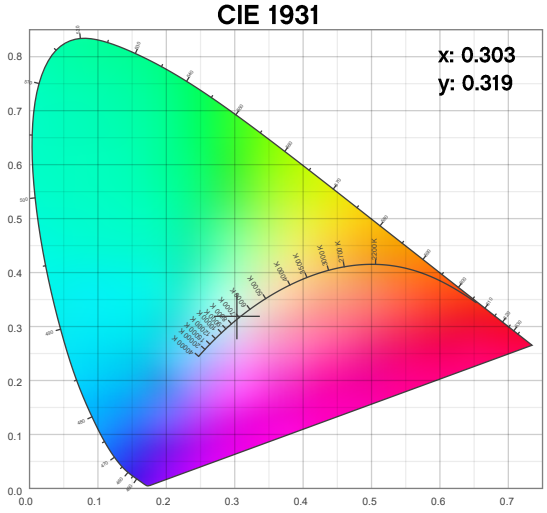
Angular Beam Distribution



Spectral Distribution



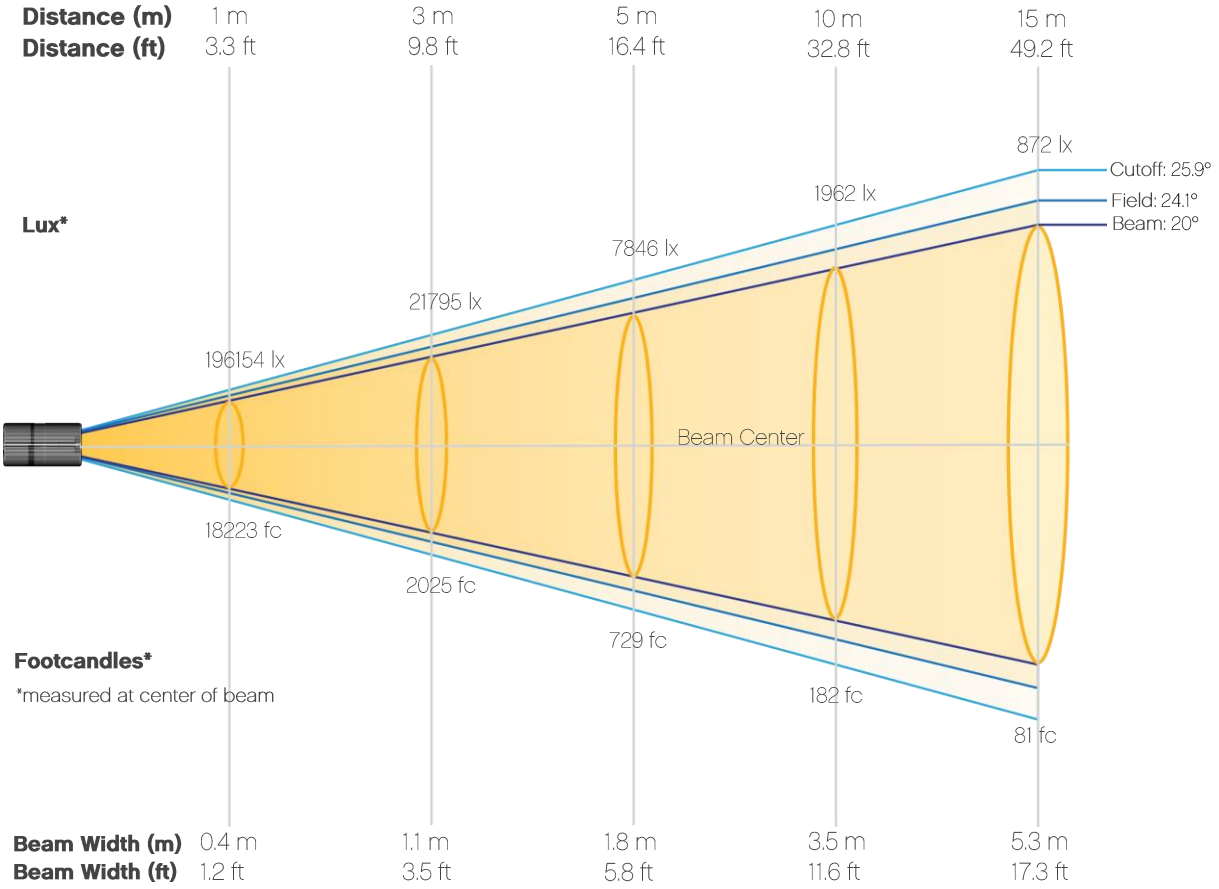
CIE 1931



Photometric Report

Maverick MK2 Spot: 50% Zoom, 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	196154	49039	21795	12260	7846	5449	4003	3065	2422	1962
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1621	1362	1161	1001	872	766	679	605	543	490
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	18223	4556	2025	1139	729	506	372	285	225	182
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	151	127	108	93	81	71	63	56	50	46

Photometric Report

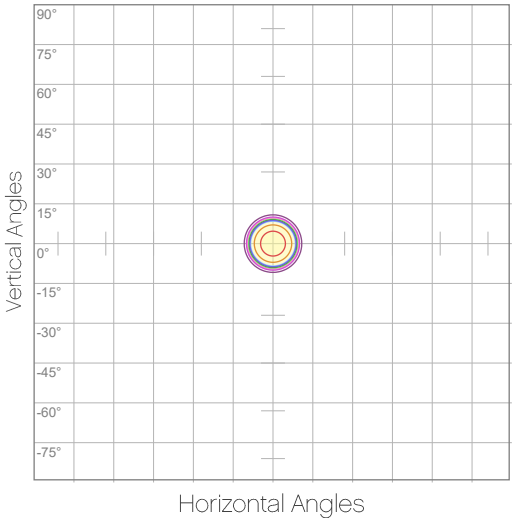
Maverick MK2 Spot: 50% Zoom, Full Power

Candela Plot

Beam Angle (50%): 20°
Field Angle (10%): 24.1°
Cutoff Angle (3%): 25.9°

Horizontal Distribution
Vertical Distribution

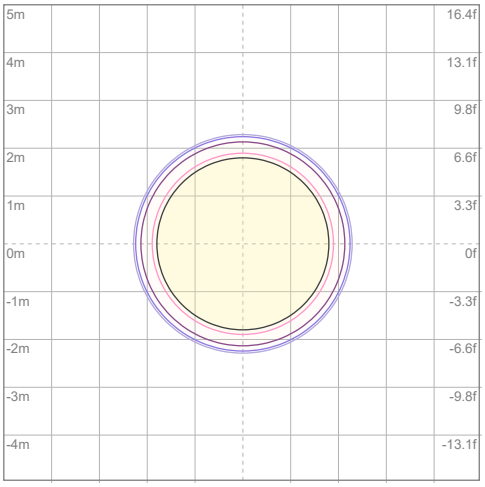
Polar Diagrams



iso-candela Diagram

10%	19615 cd
20%	39231 cd
30%	58846 cd
40%	78462 cd
50%	98077 cd
60%	117692 cd
70%	137308 cd
80%	156923 cd
90%	176539 cd

Conditions:
Number of c-planes: 2
Candela at center: 196154 cd



iso-illuminance Diagram

3%	58.8 lx
5%	98.1 lx
10%	196 lx
30%	588 lx
50%	981 lx

Conditions:
Number of c-planes: 2
Lux at center: 1962 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK2 Spot: 50% Zoom-w/CTO Filter, Full Power

Report Summary

Output

Total Lumens: 7147 lm
Peak Intensity: 74697 cd
Illuminance @ 5m: 2988 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 20.1°
Vertical Beam Angle (50%): 20.1°
Horizontal Field Angle (10%): 24.3°
Vertical Field Angle (10%): 24.3°
Horizontal Cutoff Angle (3%): 25.8°
Vertical Cutoff Angle (3%): 25.8°

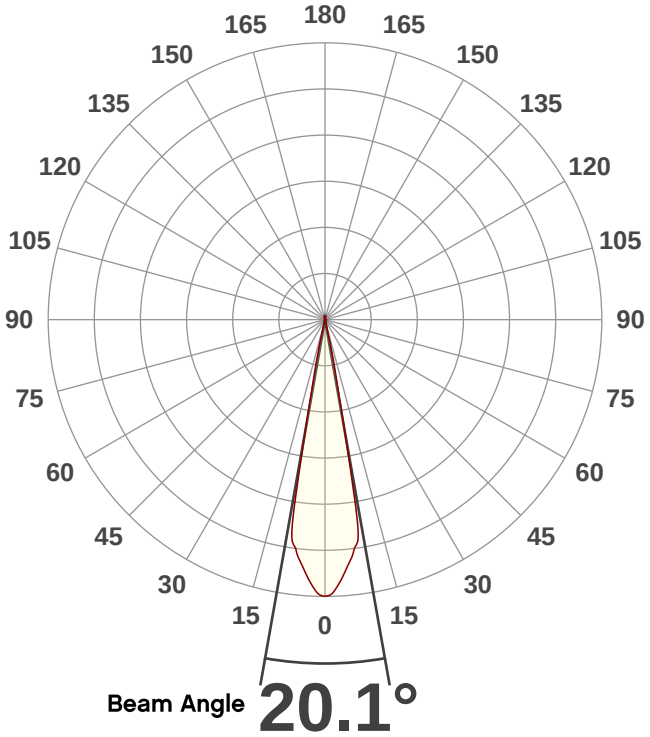
Conditions

AC Supply: 117 V, 60 Hz
Power: 631.49 W
Current: 5.41 A
Power Factor: 1.0

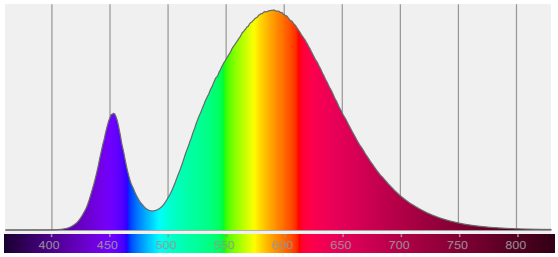
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 3/13/2020 to LM-63-2002 Standards.

Overall Measurement

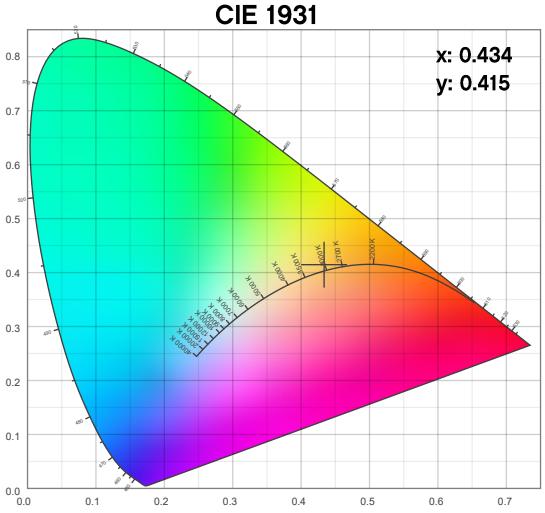
Angular Beam Distribution



Spectral Distribution



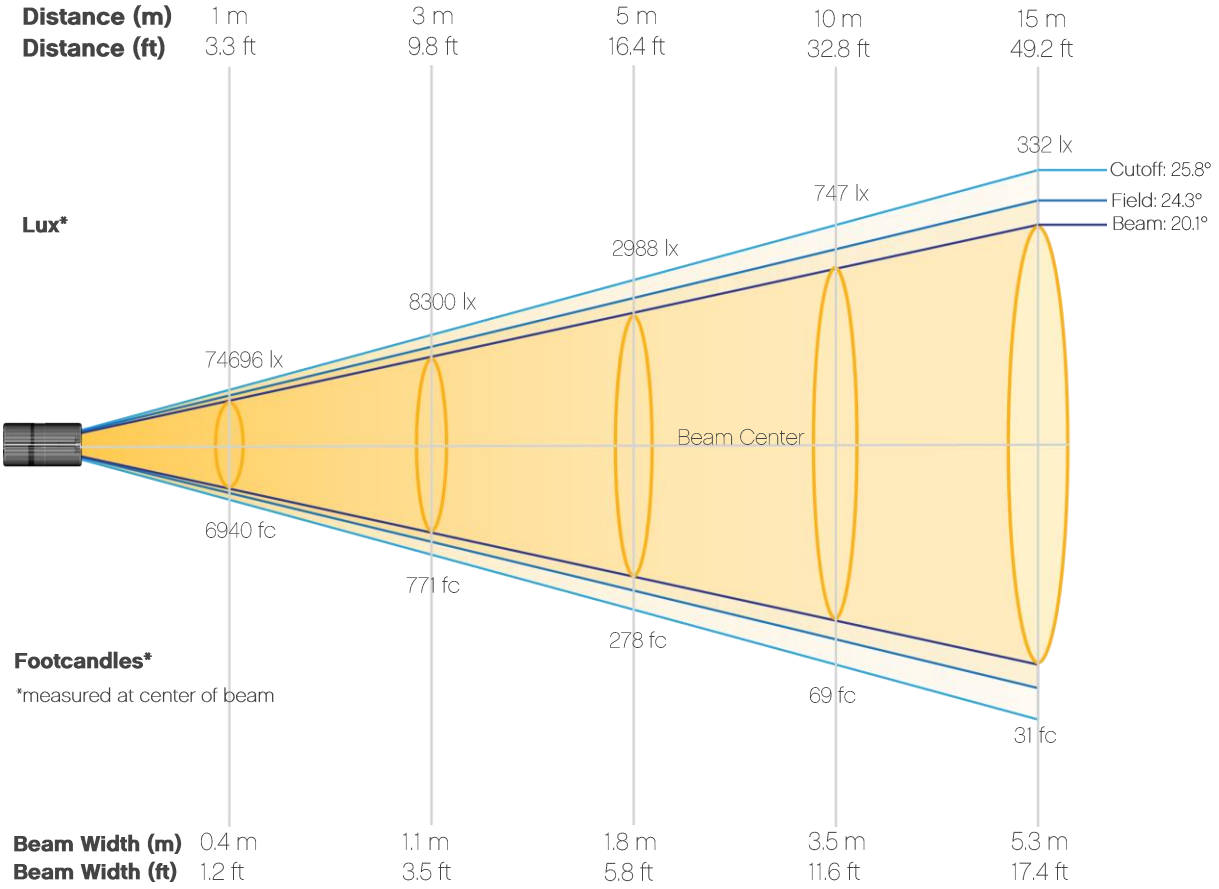
CIE 1931



Photometric Report

Maverick MK2 Spot: 50% Zoom-w/CTO Filter, Full Power

Beam Details



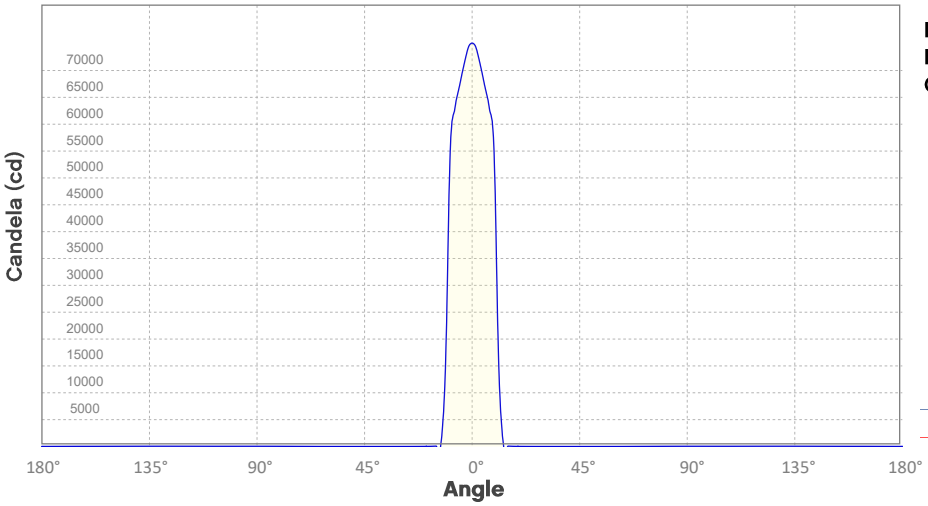
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	74696	18674	8300	4669	2988	2075	1524	1167	922	747
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	617	519	442	381	332	292	258	231	207	187
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	6940	1735	771	434	278	193	142	108	86	69
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	57	48	41	35	31	27	24	21	19	17

Photometric Report

Maverick MK2 Spot: 50% Zoom-w/CTO Filter, Full Power

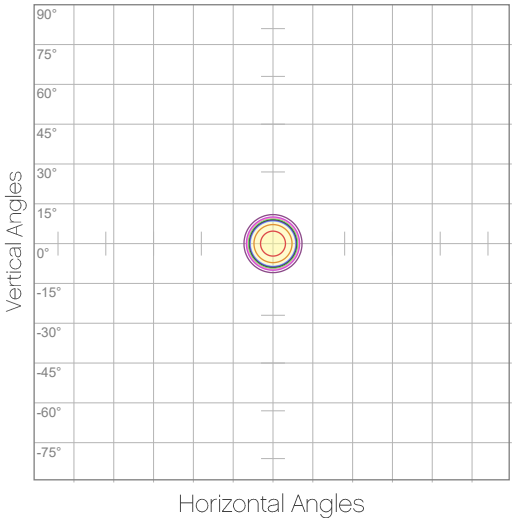
Candela Plot



Beam Angle (50%): 20.1°
Field Angle (10%): 24.3°
Cutoff Angle (3%): 25.8°

Horizontal Distribution
Vertical Distribution

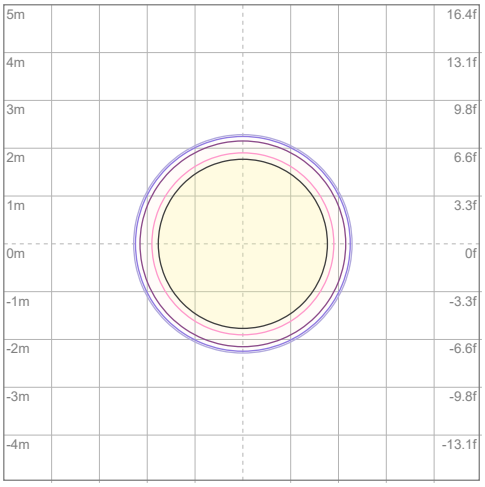
Polar Diagrams



iso-candela Diagram

10%	7470 cd
20%	14939 cd
30%	22409 cd
40%	29879 cd
50%	37348 cd
60%	44818 cd
70%	52288 cd
80%	59757 cd
90%	67227 cd

Conditions:
Number of c-planes: 2
Candela at center: 74696 cd



iso-illuminance Diagram

3%	22.4 lx
5%	37.3 lx
10%	74.7 lx
30%	224 lx
50%	373 lx

Conditions:
Number of c-planes: 2
Lux at center: 747 lx

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

Mounting height: 10 meters / 33 feet

Chromaticity Report

Maverick MK2 Spot: Full Flood, Full Power

Report Summary

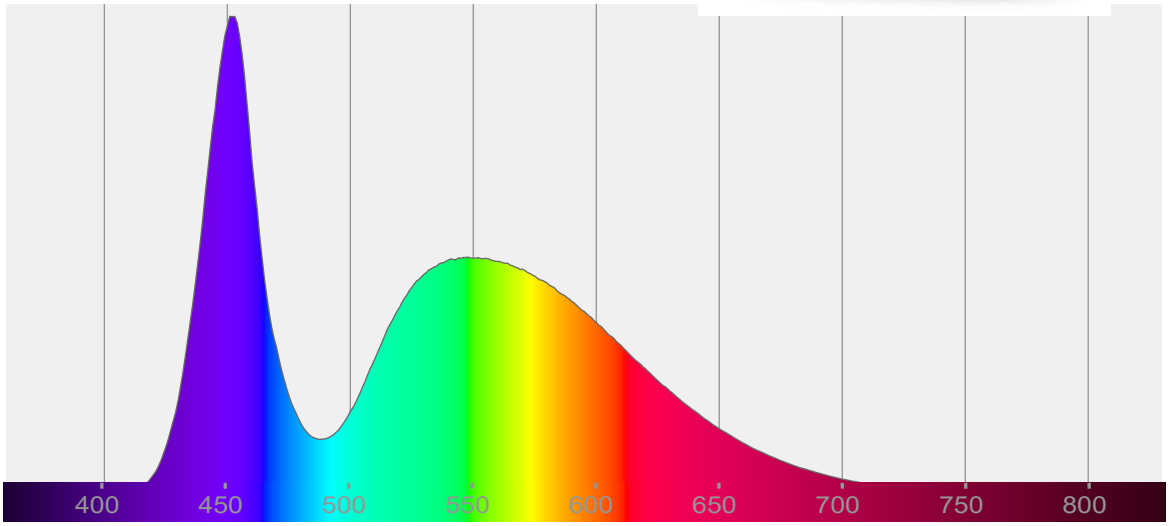
Measurements

Total Lumens: 18506 lm
Peak Intensity: 68283 cd
Fixture Efficacy: 29 lm/W

Correlated Color Temperature: 7101K
Δuv: -0.0002

CRI: 73.0 CRI R9 Value: -24.3
CQS: 69.6
TLCI: 50
TM-30-18 Rf: 69.9
TM-30-18 Rg: 91.9
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7101 K
CIE 1931 Coordinates:
X: 0.304 Y: 0.320

Color Temperature

7101 K

Light Quality

CRI: 73.0

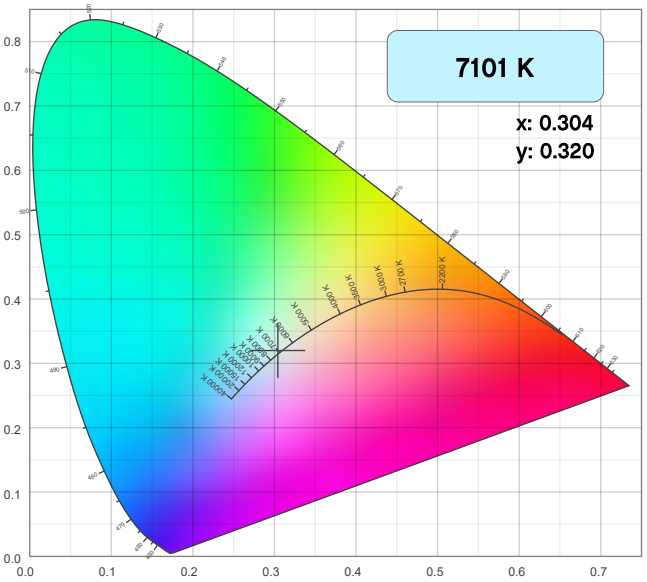
Notes:

Chromaticity Report

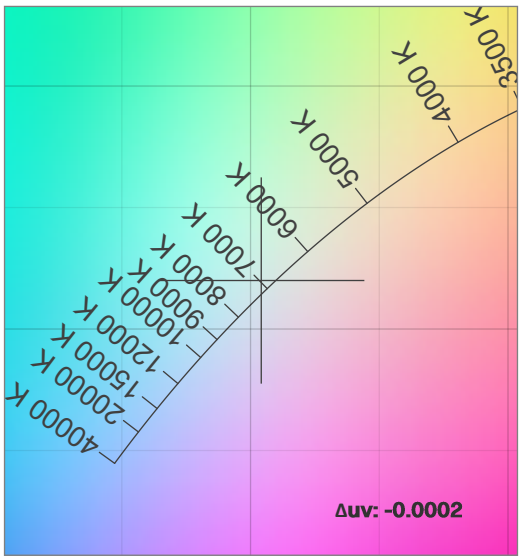
Maverick MK2 Spot: Full Flood, Full Power

Chromaticity

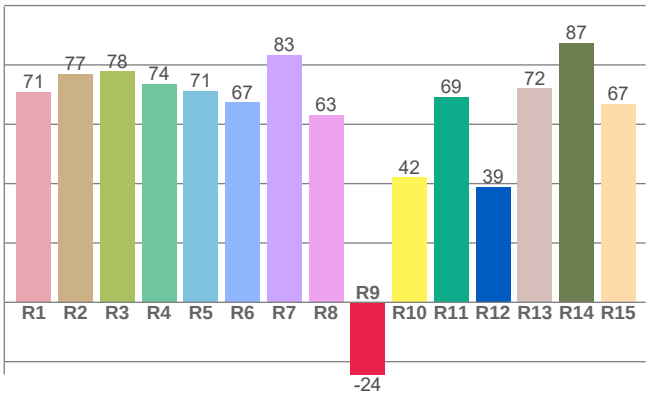
CIE 1931



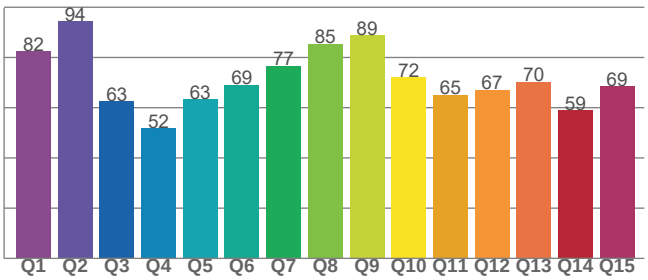
CIE 1931 - Zoom



CRI: 73.0 (R1-R8)



CQS: 69.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7101 K	0.304	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0002	0.320	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.0	-24.3	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
50	69.9	91.9

Chromaticity Report

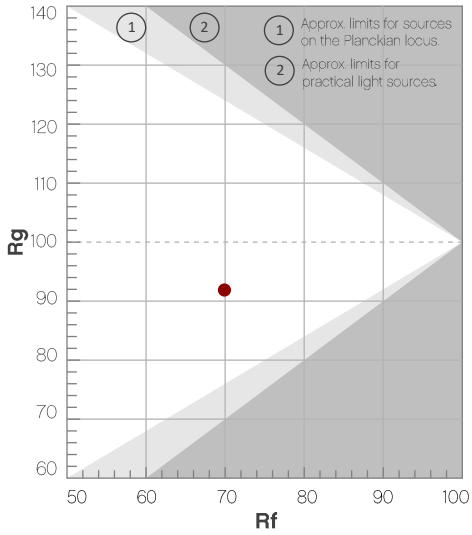
Maverick MK2 Spot: Full Flood, Full Power

TM-30-18 Details

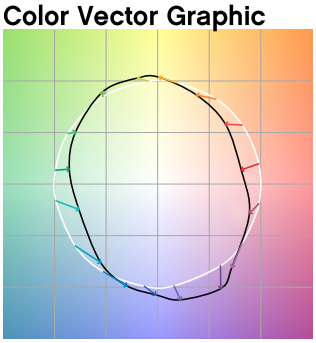
Rf 69.9
Fidelity Index (Rg)

Rg 91.9
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	63	-18%	-2%
2	67	-13%	10%
3	65	-7%	18%
4	67	2%	18%
5	77	5%	9%
6	87	4%	-3%
7	87	-5%	-5%
8	75	-13%	-4%
9	70	-20%	13%
10	55	-12%	27%
11	41	-1%	27%
12	72	6%	13%
13	80	14%	4%
14	71	18%	-12%
15	65	5%	-25%
16	75	-7%	-11%

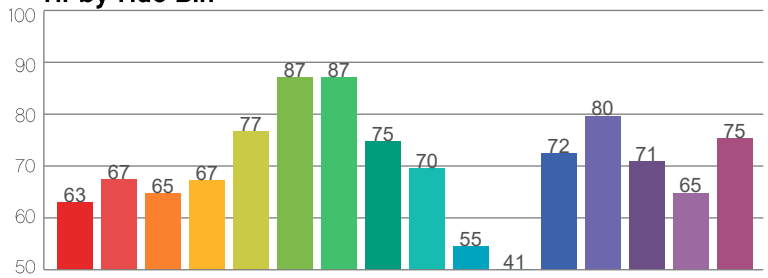


Color Vector Graphic

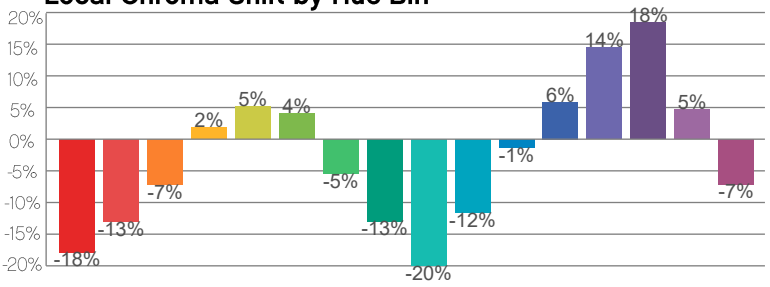


Color Distortion Graphic

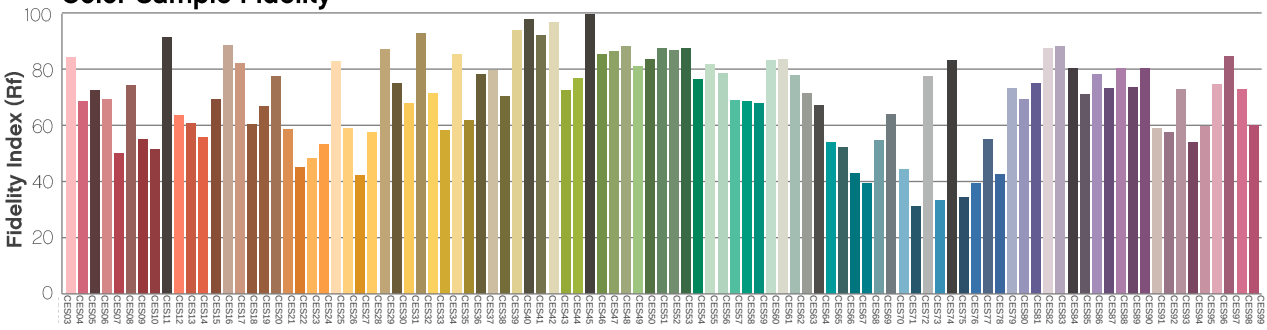
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK2 Spot: Full Flood w/CTO Filter, Full Power

Report Summary

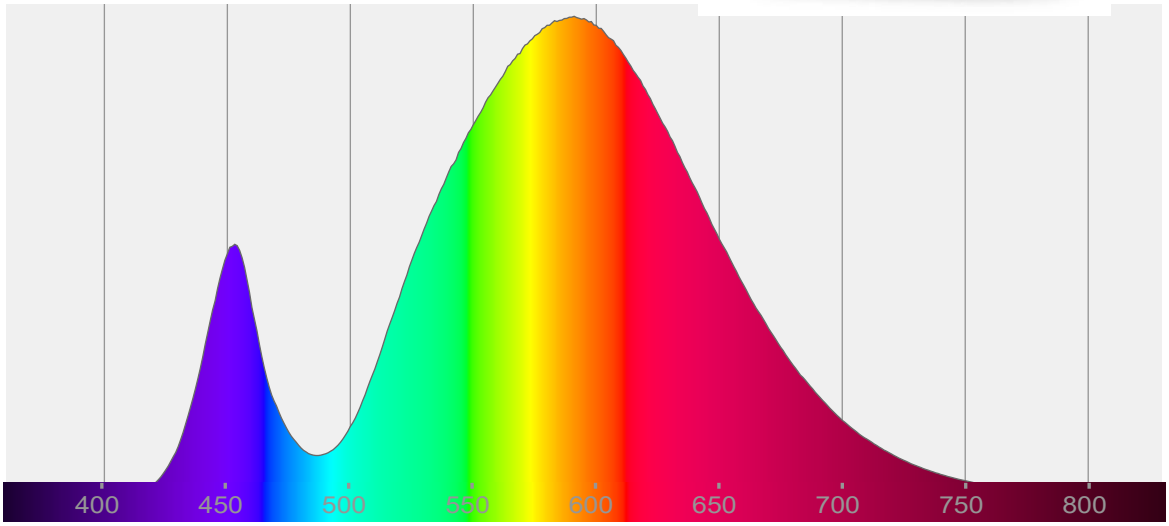
Measurements

Total Lumens: 7169 lm
Peak Intensity: 25954 cd
Fixture Efficacy: 11 lm/W

Correlated Color Temperature: 3131K
Δuv: 0.0046

CRI: 69.9 CRI R9 Value: -25.7
CQS: 70.5
TLCI: 47
TM-30-18 Rf: 70.9
TM-30-18 Rg: 92.9
1st Dominant Wavelength: 591 nM
2nd Dominant Wavelength: 453 nM

Spectral Distribution



Tested Color

3131 K
CIE 1931 Coordinates:
X: 0.434 Y: 0.415

Color Temperature

3131 K

Light Quality

CRI: 69.9

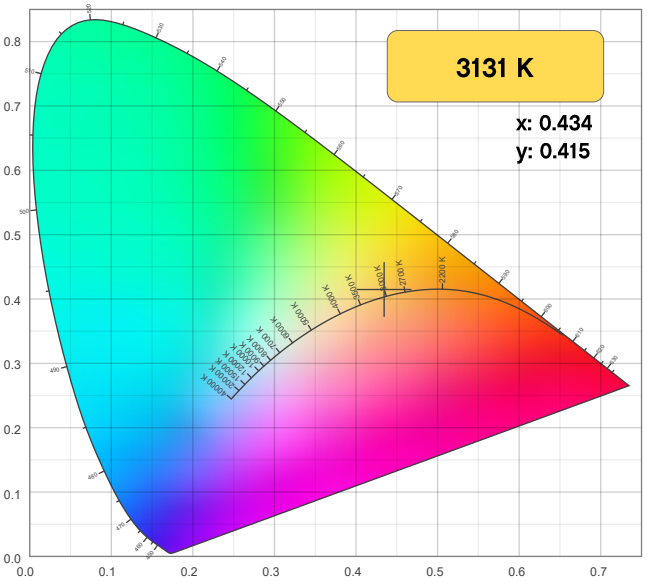
Notes:

Chromaticity Report

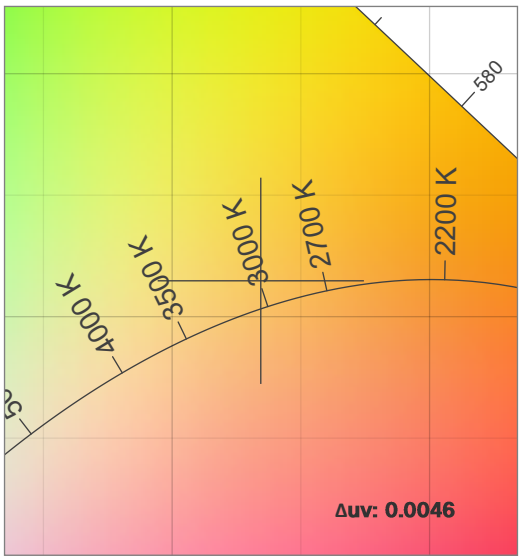
Maverick MK2 Spot: Full Flood w/CTO Filter, Full Power

Chromaticity

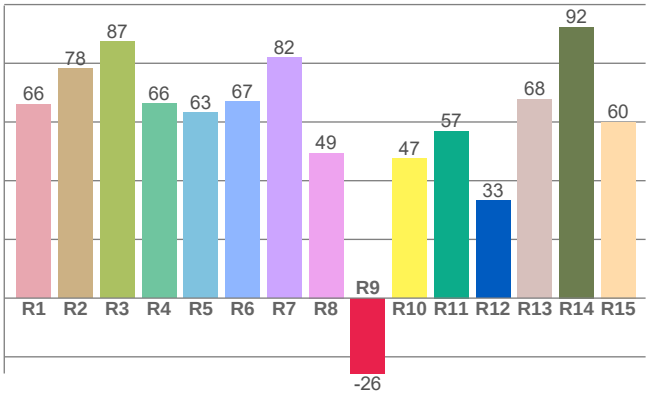
CIE 1931



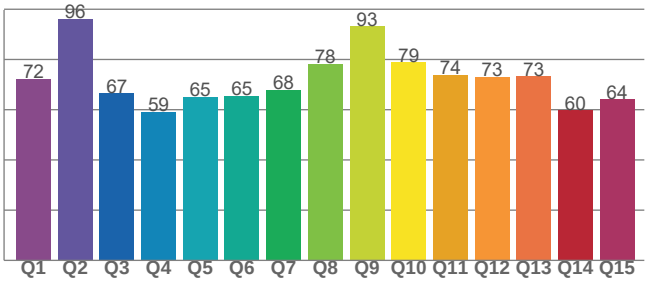
CIE 1931 - Zoom



CRI: 69.9 (R1-R8)



CQS: 70.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3131 K	0.434	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0046	0.415	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-25.7	70.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
47	70.9	92.9

Chromaticity Report

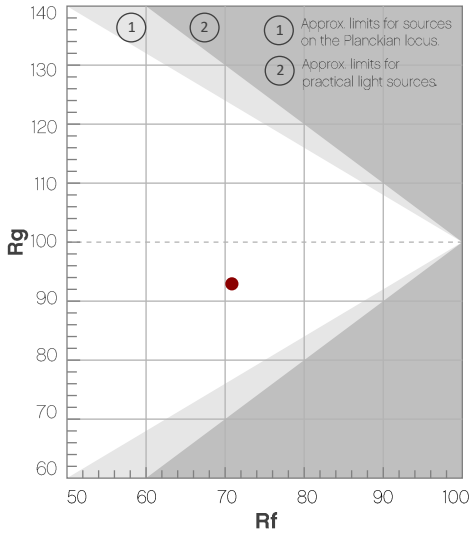
Maverick MK2 Spot: Full Flood w/CTO Filter, Full Power

TM-30-18 Details

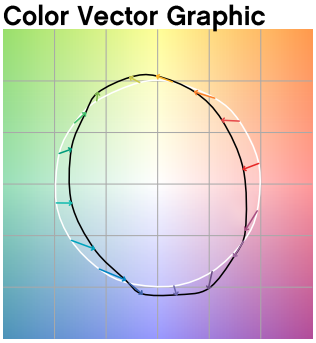
Rf 70.9
Fidelity Index (Rg)

Rg 92.9
Gamut Index (Rg)

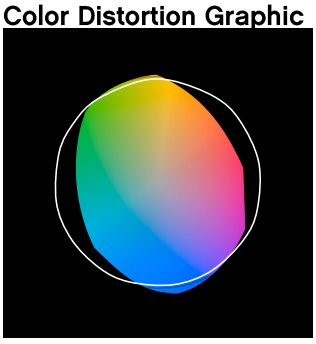
Hue Bin	R_f	Chroma Shift	Hue Shift
1	68	-16%	-3%
2	67	-13%	10%
3	57	-6%	19%
4	71	3%	16%
5	84	7%	8%
6	85	6%	-5%
7	75	-3%	-14%
8	78	-11%	-6%
9	76	-15%	3%
10	55	-14%	19%
11	55	-5%	27%
12	74	8%	14%
13	84	9%	1%
14	75	12%	-12%
15	69	1%	-17%
16	69	-8%	-20%



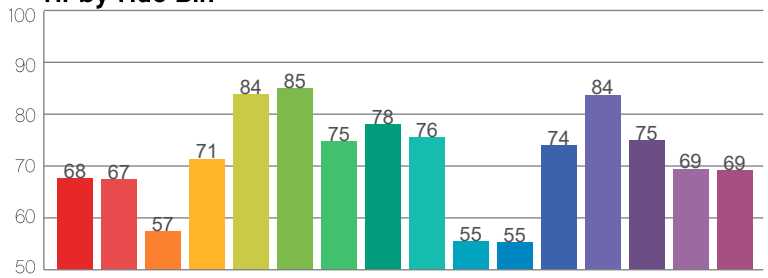
Color Vector Graphic



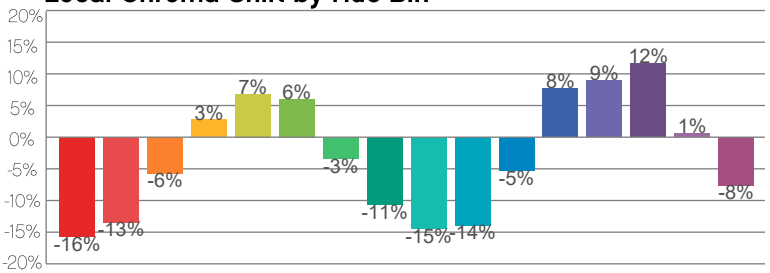
Color Distortion Graphic



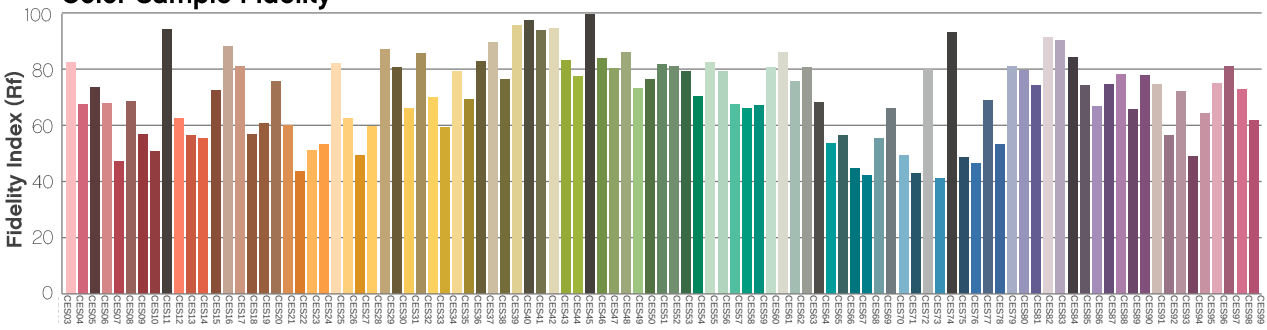
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK2 Spot: Full Spot, Full Power

Report Summary

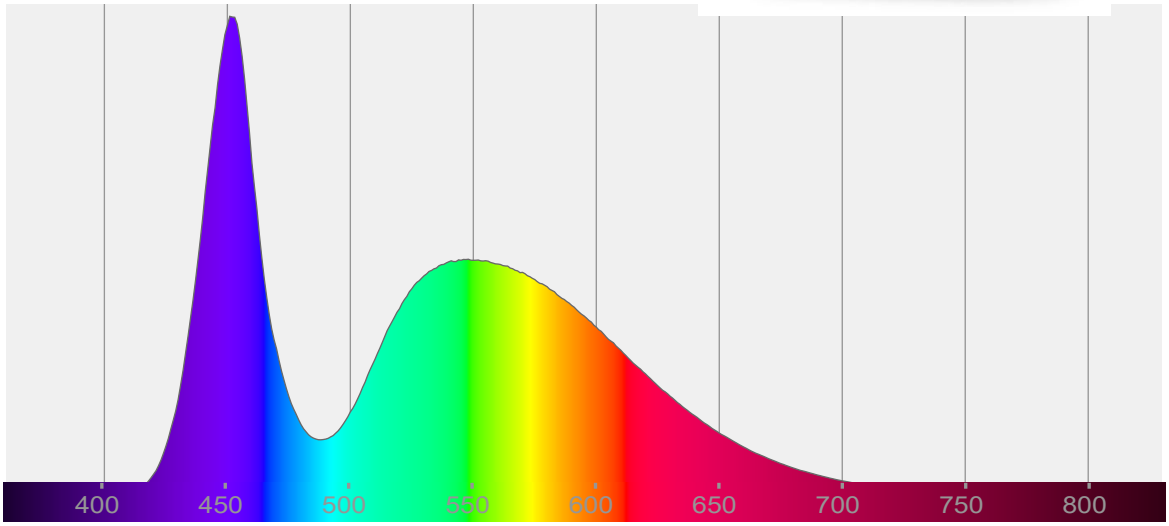
Measurements

Total Lumens: 17277 lm
Peak Intensity: 504998 cd
Fixture Efficacy: 27 lm/W

Correlated Color Temperature: 7271K
Δuv: 0.0004

CRI: 72.4 CRI R9 Value: -28.7
CQS: 69.1
TLCI: 49
TM-30-18 Rf: 69.4
TM-30-18 Rg: 91.5
1st Dominant Wavelength: 451 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7271 K
CIE 1931 Coordinates:
X: 0.302 Y: 0.319

Color Temperature

7271 K

Light Quality

CRI: 72.4

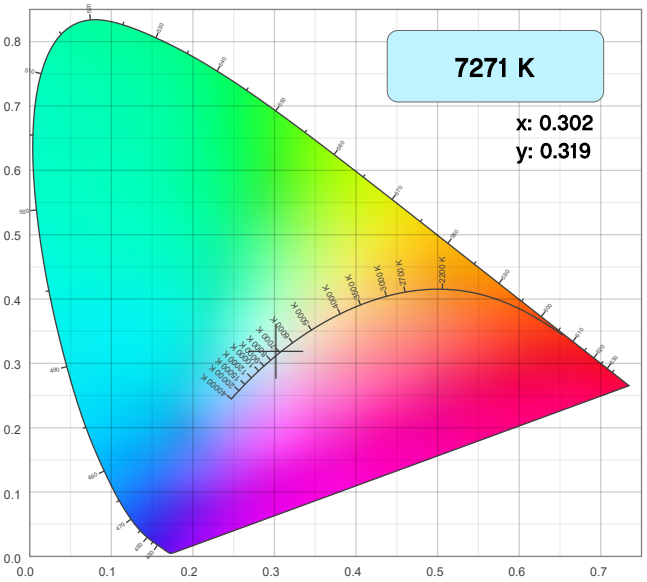
Notes:

Chromaticity Report

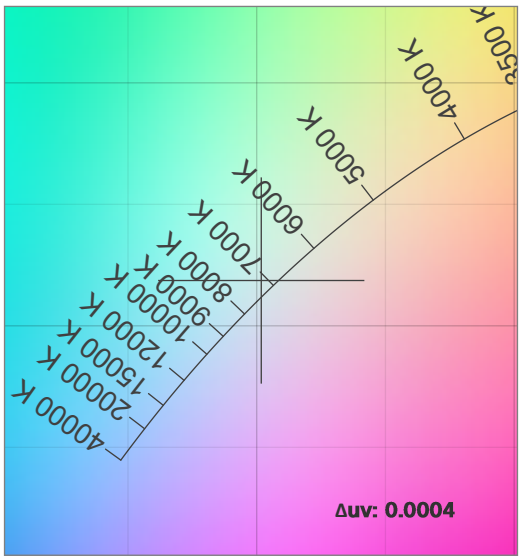
Maverick MK2 Spot: Full Spot, Full Power

Chromaticity

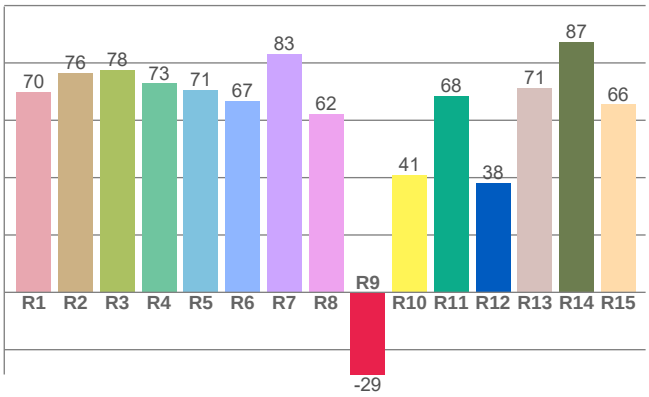
CIE 1931



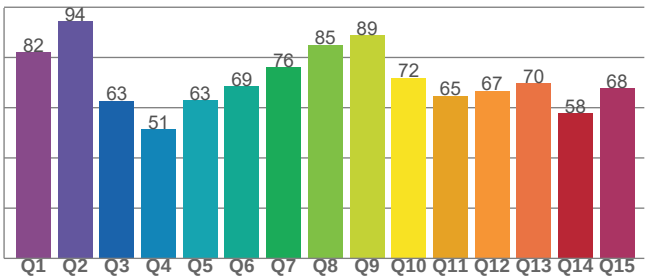
CIE 1931 - Zoom



CRI: 72.4 (R1-R8)



CQS: 69.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7271 K	0.302	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0004	0.319	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.4	-28.7	69.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	69.4	91.5

Chromaticity Report

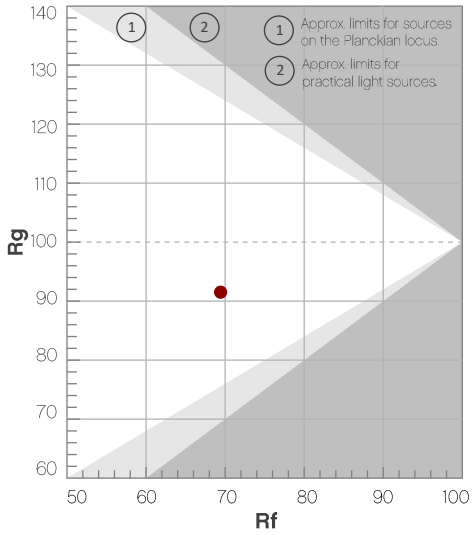
Maverick MK2 Spot: Full Spot, Full Power

TM-30-18 Details

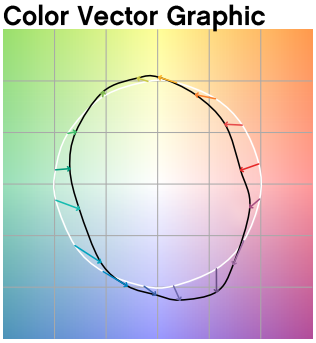
Rf 69.4
Fidelity Index (Rg)

Rg 91.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	62	-18%	-3%
2	67	-13%	10%
3	64	-8%	18%
4	67	2%	18%
5	77	5%	9%
6	87	4%	-3%
7	87	-6%	-6%
8	74	-13%	-4%
9	69	-21%	13%
10	54	-12%	27%
11	40	-1%	27%
12	72	6%	13%
13	79	15%	3%
14	70	19%	-12%
15	66	4%	-25%
16	75	-8%	-10%

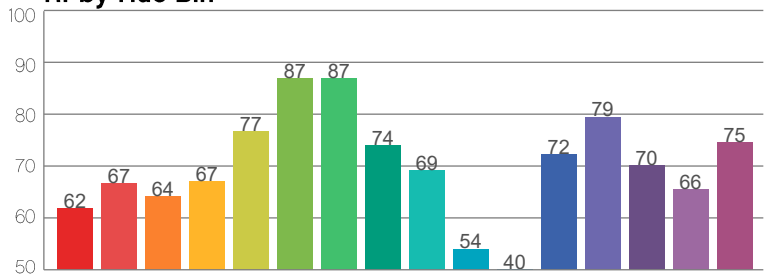


Color Vector Graphic

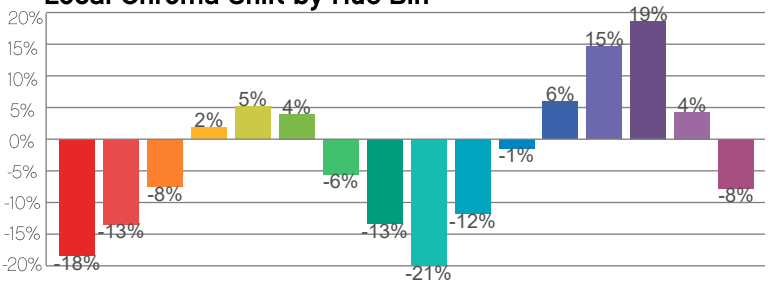


Color Distortion Graphic

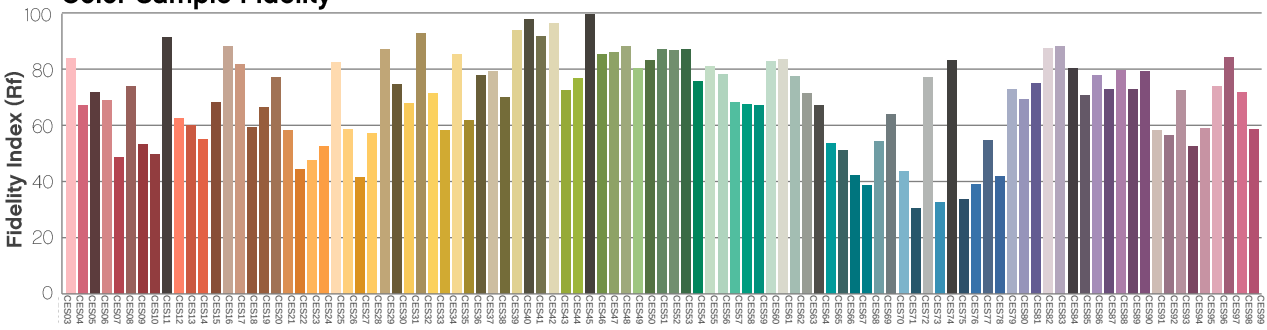
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK2 Spot: Full Spot w/CTO Filter, Full Power

Report Summary

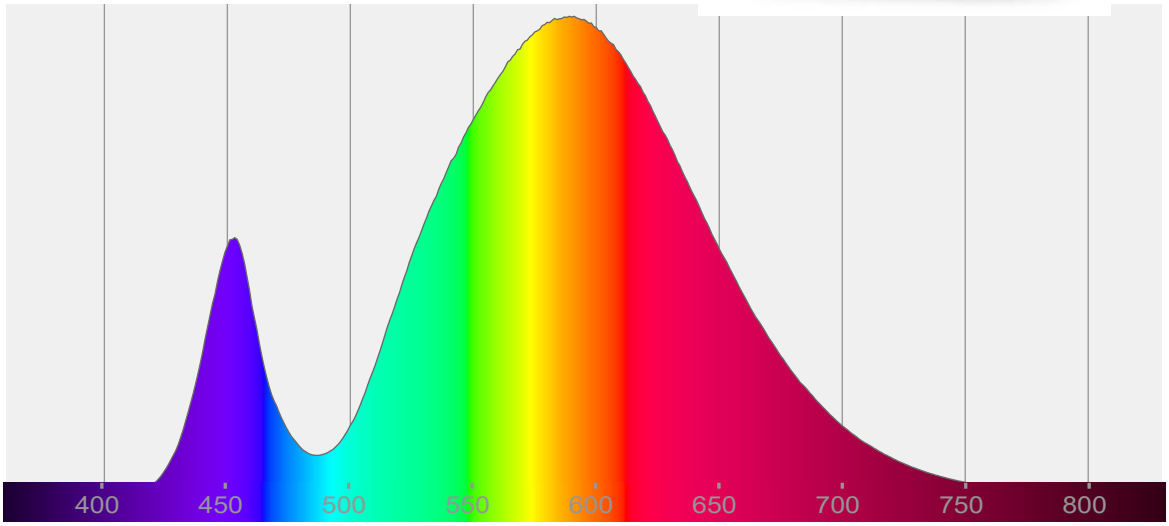
Measurements

Total Lumens: 5887 lm
Peak Intensity: 189127 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 3186K
Δuv: 0.0052

CRI: 69.3 CRI R9 Value: -29.3
CQS: 70.0
TLCI: 46
TM-30-18 Rf: 70.4
TM-30-18 Rg: 92.5
1st Dominant Wavelength: 589 nM
2nd Dominant Wavelength: 453 nM

Spectral Distribution



Tested Color

3186 K
CIE 1931 Coordinates:
X: 0.431 Y: 0.415

Color Temperature

3186 K

Light Quality

CRI: 69.3

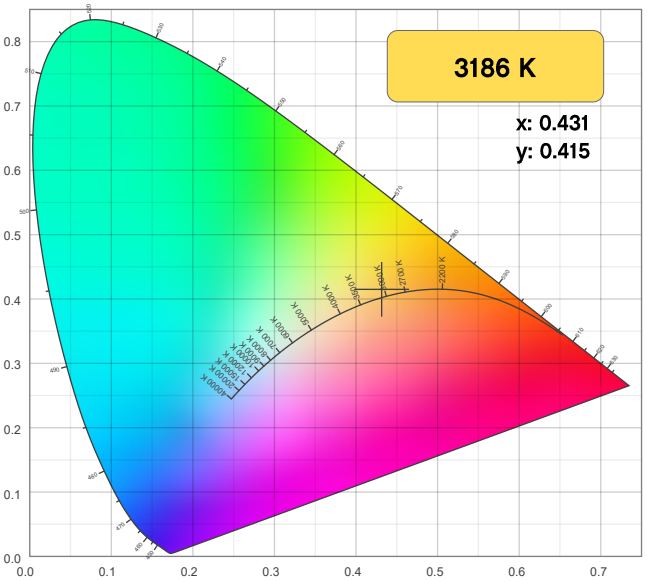
Notes:

Chromaticity Report

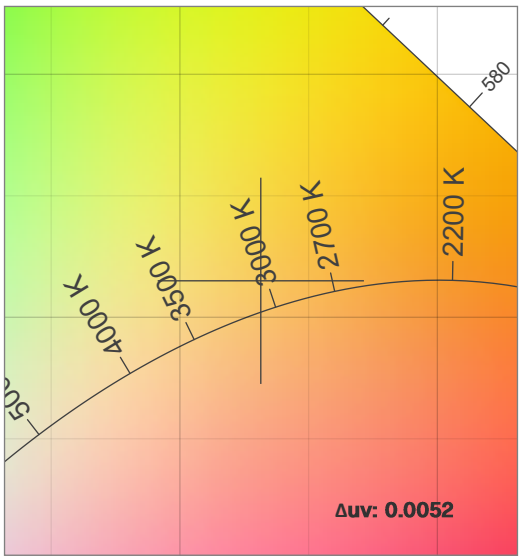
Maverick MK2 Spot: Full Spot w/CTO Filter, Full Power

Chromaticity

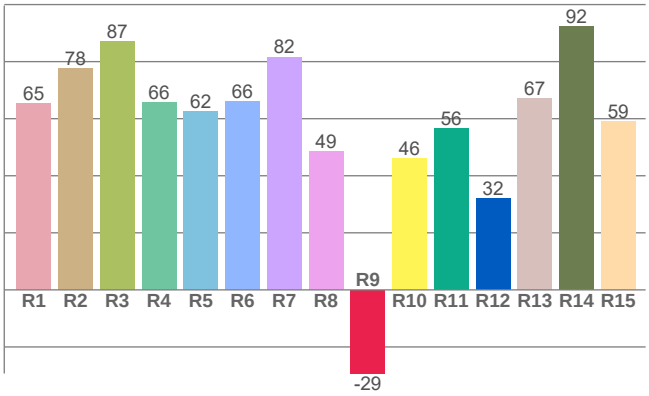
CIE 1931



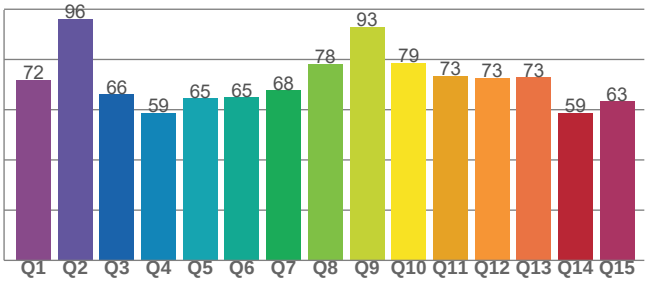
CIE 1931 - Zoom



CRI: 69.3 (R1-R8)



CQS: 70.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3186 K	0.431	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0052	0.415	0.242

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.3	-29.3	70.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	70.4	92.5

Chromaticity Report

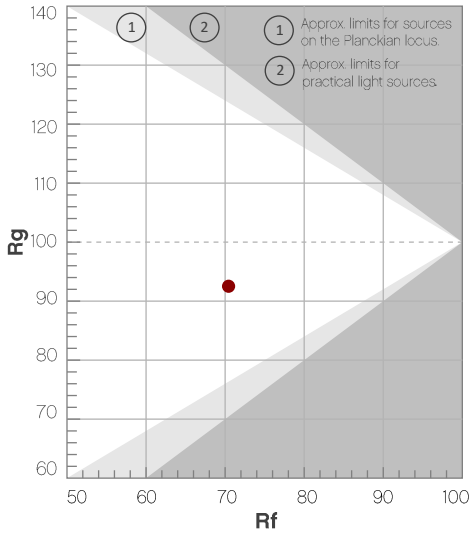
Maverick MK2 Spot: Full Spot w/CTO Filter, Full Power

TM-30-18 Details

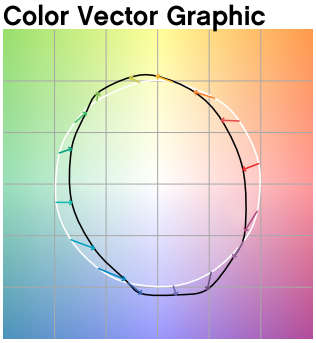
Rf 70.4
Fidelity Index (Rg)

Rg 92.5
Gamut Index (Rg)

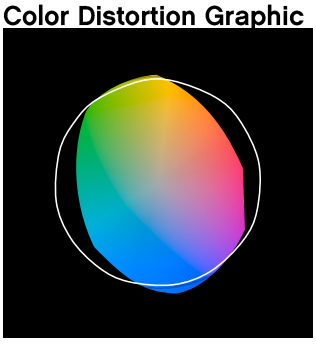
Hue Bin	R_f	Chroma Shift	Hue Shift
1	67	-16%	-3%
2	67	-14%	10%
3	57	-6%	20%
4	71	3%	16%
5	84	7%	8%
6	85	6%	-5%
7	75	-4%	-14%
8	78	-11%	-6%
9	75	-15%	3%
10	55	-14%	19%
11	55	-5%	27%
12	74	8%	15%
13	84	9%	1%
14	75	12%	-12%
15	69	1%	-18%
16	69	-8%	-21%



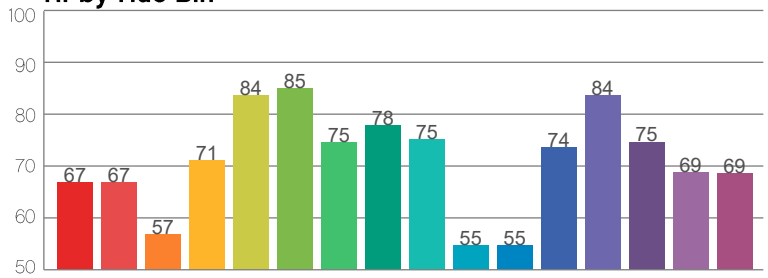
Color Vector Graphic



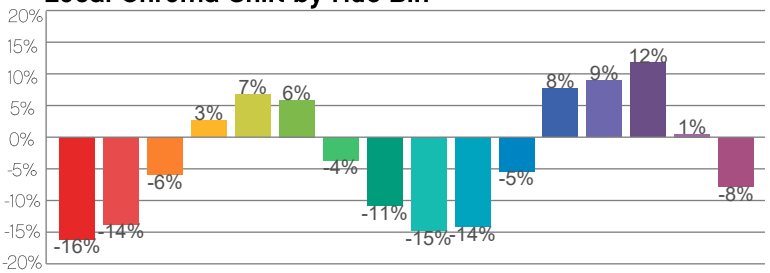
Color Distortion Graphic



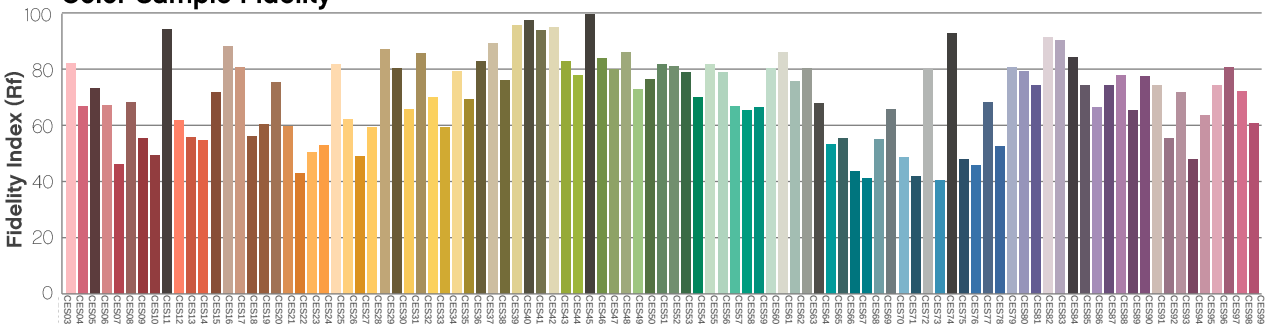
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK2 Spot: 50% Zoom, Full Power

Report Summary

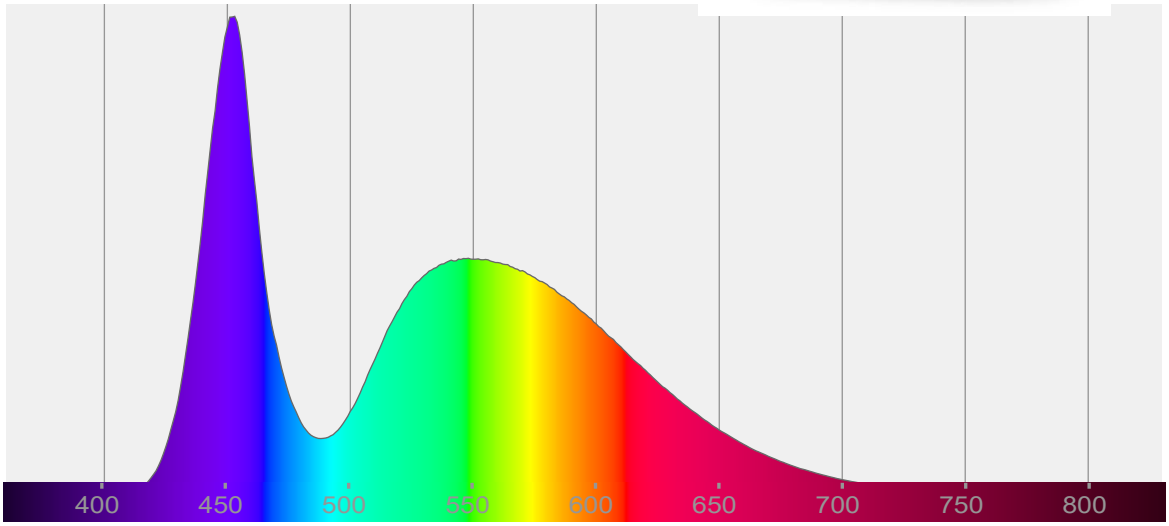
Measurements

Total Lumens: 18244 lm
Peak Intensity: 196154 cd
Fixture Efficacy: 29 lm/W

Correlated Color Temperature: 7179K
Δuv: -0.0002

CRI: 73.1 CRI R9 Value: -24.6
CQS: 69.5
TLCI: 49
TM-30-18 Rf: 69.9
TM-30-18 Rg: 91.8
1st Dominant Wavelength: 453 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7179 K
CIE 1931 Coordinates:
X: 0.303 Y: 0.319

Color Temperature

7179 K

Light Quality

CRI: 73.1

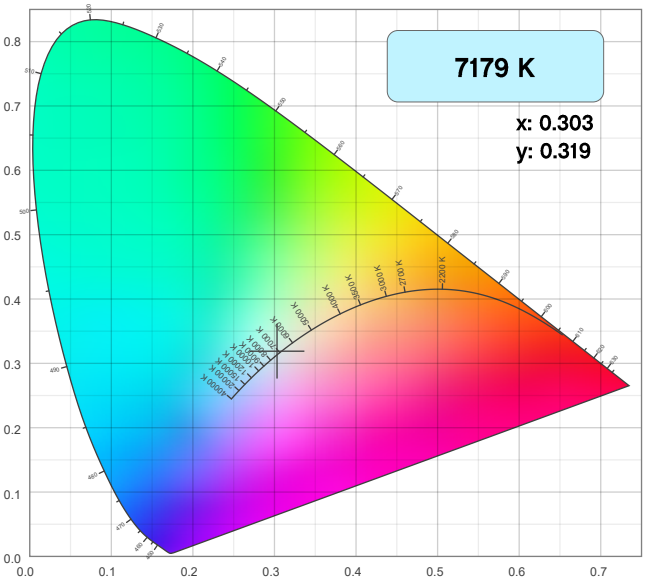
Notes:

Chromaticity Report

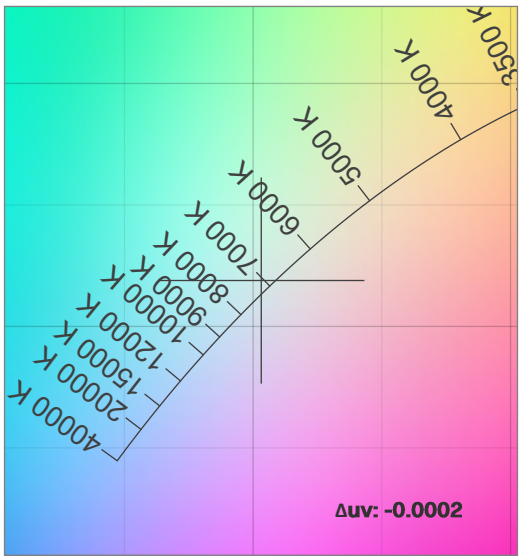
Maverick MK2 Spot: 50% Zoom, Full Power

Chromaticity

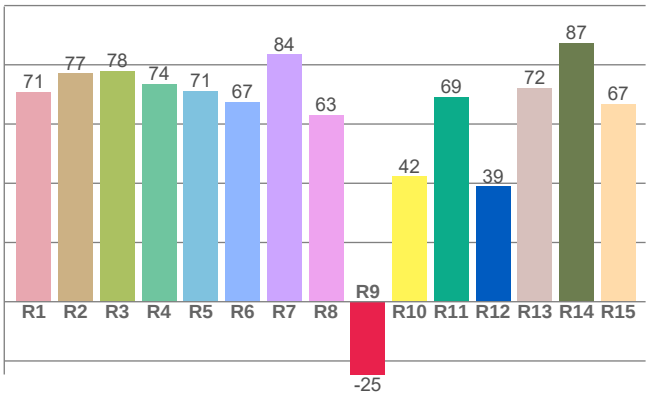
CIE 1931



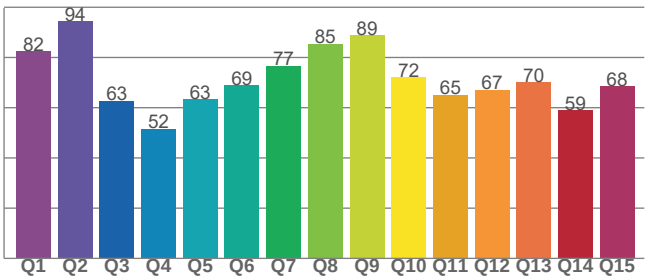
CIE 1931 - Zoom



CRI: 73.1 (R1-R8)



CQS: 69.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7179 K	0.303	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0002	0.319	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.1	-24.6	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	69.9	91.8

Chromaticity Report

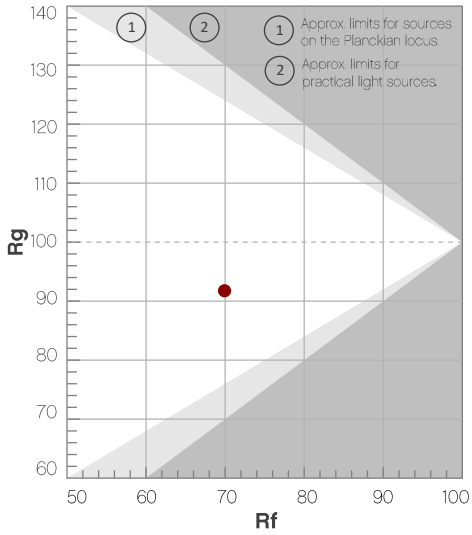
Maverick MK2 Spot: 50% Zoom, Full Power

TM-30-18 Details

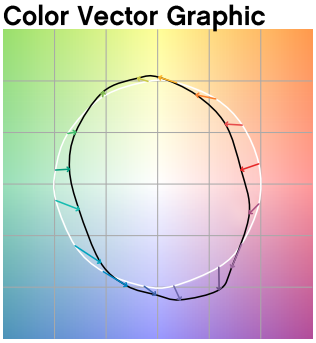
Rf 69.9
Fidelity Index (Rg)

Rg 91.8
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	63	-18%	-2%
2	67	-13%	10%
3	65	-7%	18%
4	67	2%	18%
5	77	5%	9%
6	87	4%	-3%
7	87	-6%	-5%
8	75	-13%	-3%
9	70	-20%	13%
10	54	-12%	27%
11	41	-1%	27%
12	73	6%	12%
13	80	14%	3%
14	71	18%	-12%
15	65	5%	-25%
16	75	-7%	-11%

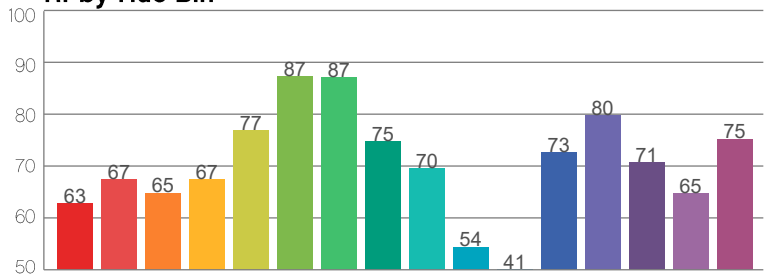


Color Vector Graphic

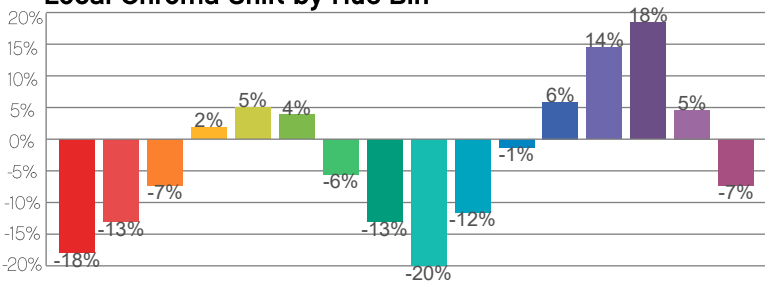


Color Distortion Graphic

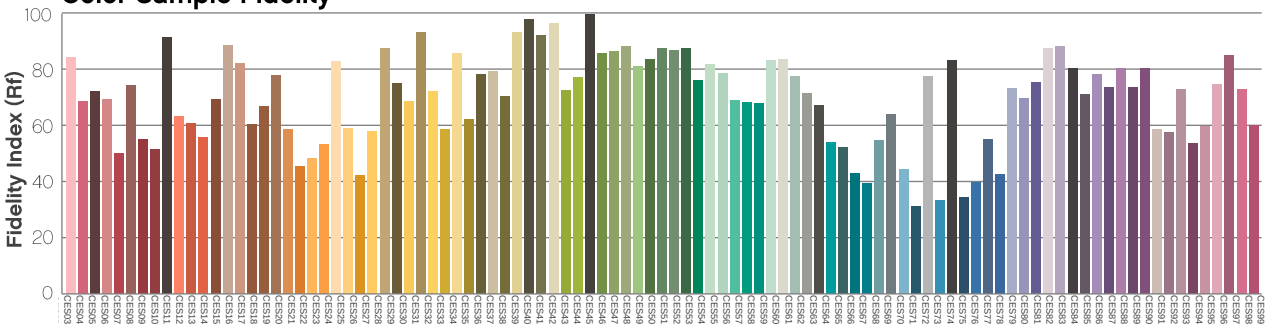
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK2 Spot: 50% Zoom w/CTO Filter, Full Power

Report Summary

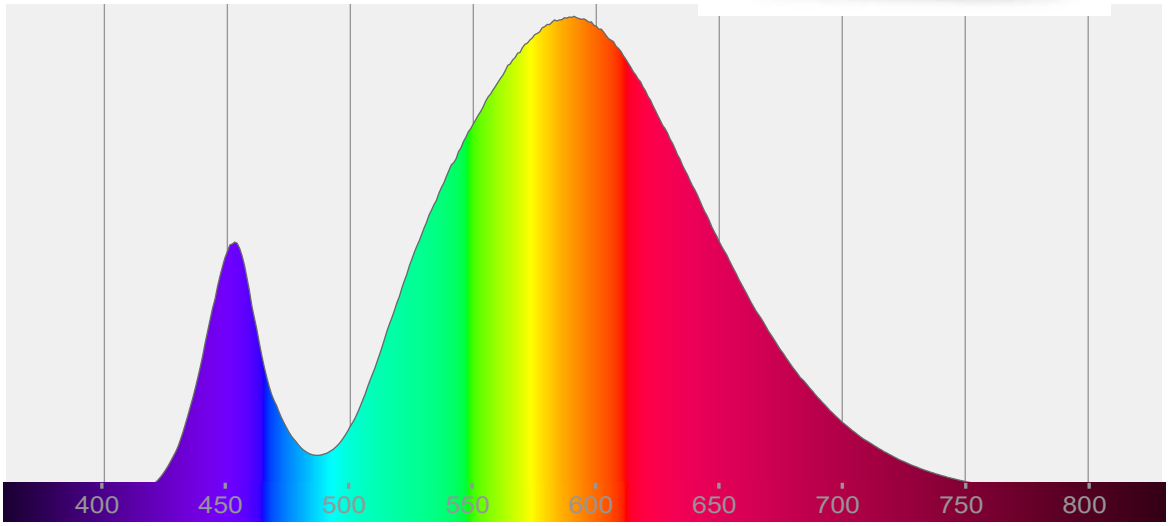
Measurements

Total Lumens: 7147 lm
Peak Intensity: 74697 cd
Fixture Efficacy: 11 lm/W

Correlated Color Temperature: 3145K
Δuv: 0.0047

CRI: 69.8 CRI R9 Value: -26.6
CQS: 70.4
TLCI: 46
TM-30-18 Rf: 70.8
TM-30-18 Rg: 92.8
1st Dominant Wavelength: 591 nM
2nd Dominant Wavelength: 453 nM

Spectral Distribution



Tested Color

3145 K
CIE 1931 Coordinates:
X: 0.434 Y: 0.415

Color Temperature

3145 K

Light Quality

CRI: 69.8

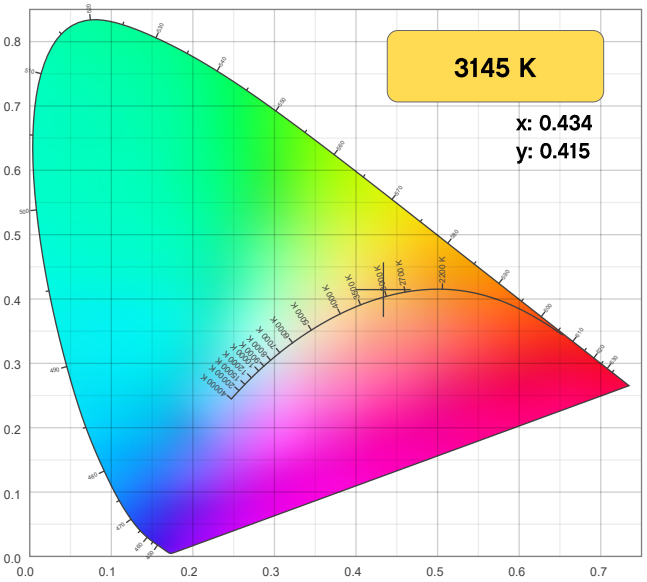
Notes:

Chromaticity Report

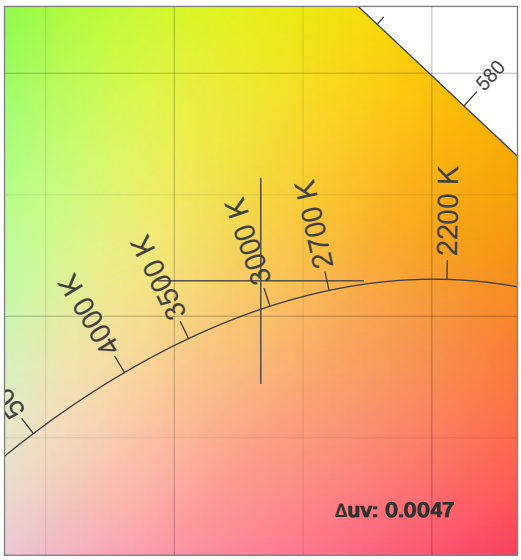
Maverick MK2 Spot: 50% Zoom w/CTO Filter, Full Power

Chromaticity

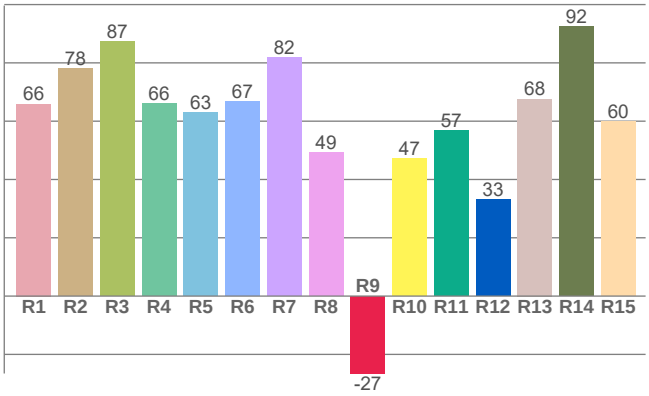
CIE 1931



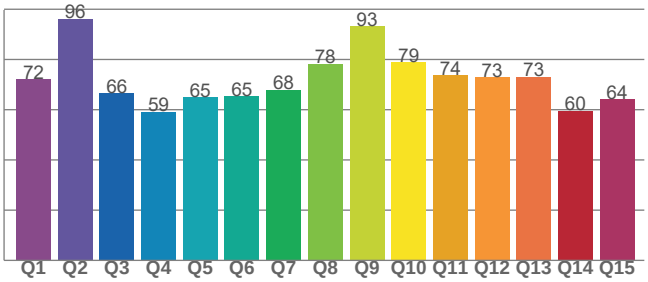
CIE 1931 - Zoom



CRI: 69.8 (R1-R8)



CQS: 70.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3145 K	0.434	0.415

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0047	0.415	0.244

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.8	-26.6	70.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	70.8	92.8

Chromaticity Report

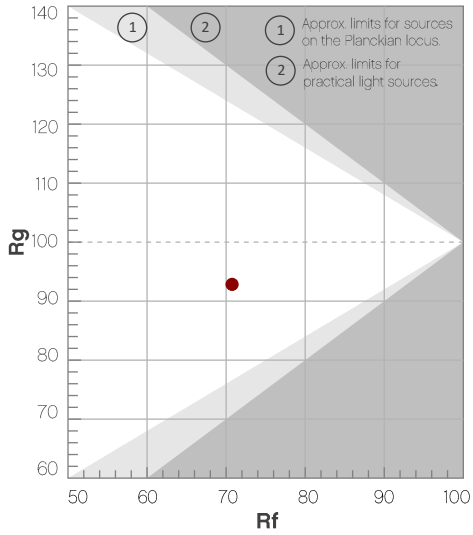
Maverick MK2 Spot: 50% Zoom w/CTO Filter, Full Power

TM-30-18 Details

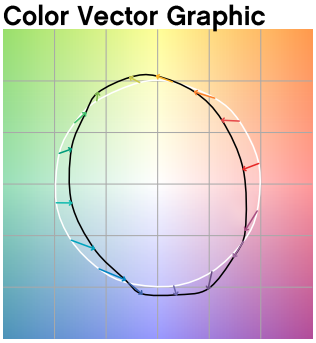
Rf 70.8
Fidelity Index (Rg)

Rg 92.8
Gamut Index (Rg)

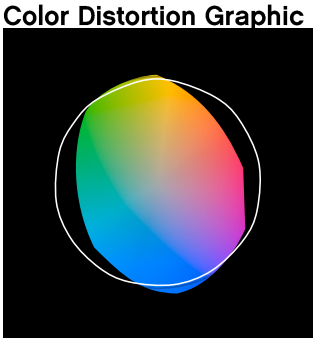
Hue Bin	R_f	Chroma Shift	Hue Shift
1	67	-16%	-3%
2	67	-14%	10%
3	57	-6%	19%
4	71	3%	16%
5	84	7%	8%
6	85	6%	-5%
7	75	-3%	-14%
8	78	-11%	-6%
9	75	-15%	3%
10	55	-14%	19%
11	55	-5%	27%
12	74	8%	14%
13	84	9%	1%
14	75	12%	-12%
15	69	1%	-18%
16	69	-8%	-21%



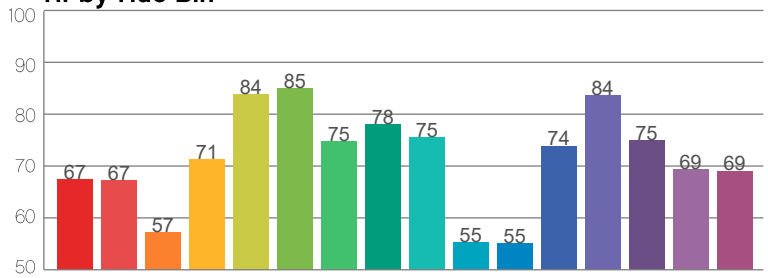
Color Vector Graphic



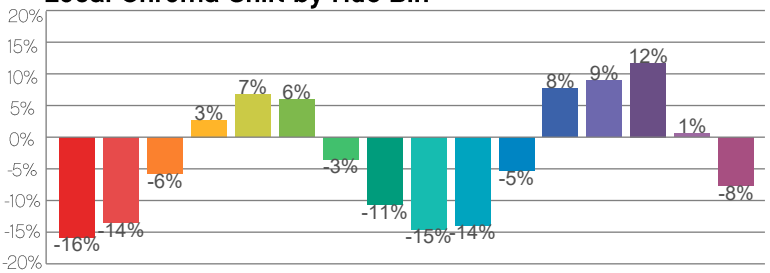
Color Distortion Graphic



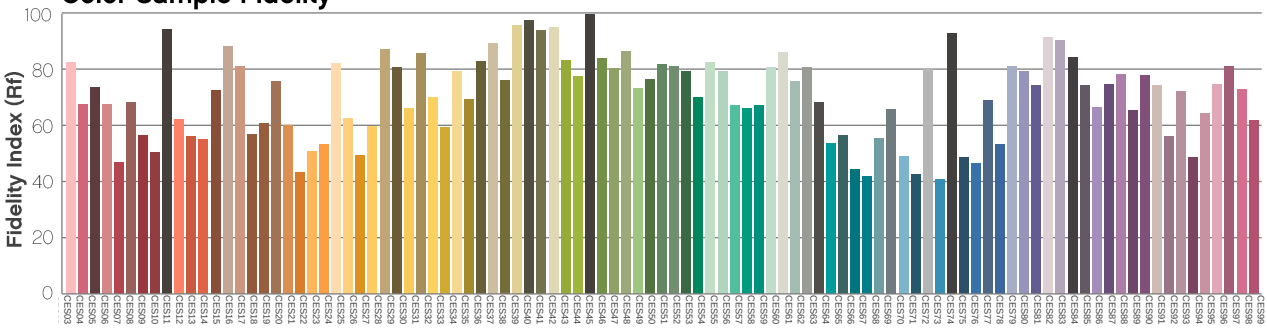
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Contact Us

General Information	Technical Support
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the US, UK, Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.