PHOTOMETRICS REPORT

MAVERICK

MK3 PROFILE CX

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 MK3 Profile CX: Full Flood, Full Power

Report Summary

Output

Total Lumens: 21558 lm
Peak Intensity: 35186 cd
Illuminance @ 5m: 1407 lux
Fixture Efficacy: 20 lm/W

Optical

Horizontal Beam Angle (50%): 53.1°
Vertical Beam Angle (50%): 53.1°
Horizontal Field Angle (10%): 61.3°
Vertical Field Angle (10%): 61.3°
Horizontal Cutoff Angle (3%): 62.9°
Vertical Cutoff Angle (3%): 62.9°

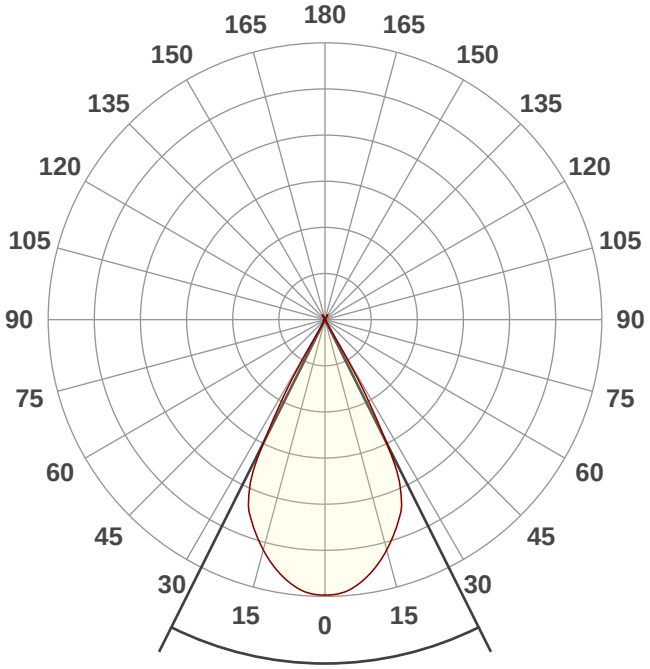
Conditions

AC Supply: 120 V, 0 Hz
Power: 1084.8 W
Current: 9.04 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 7/2/2019 to LM-63-2002 Standards.

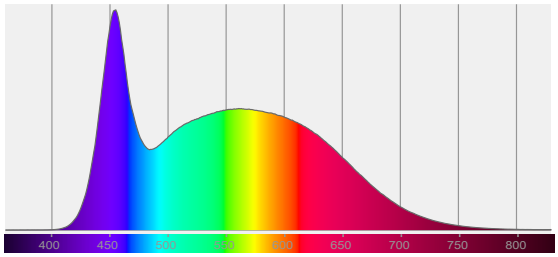
Overall Measurement

Angular Beam Distribution

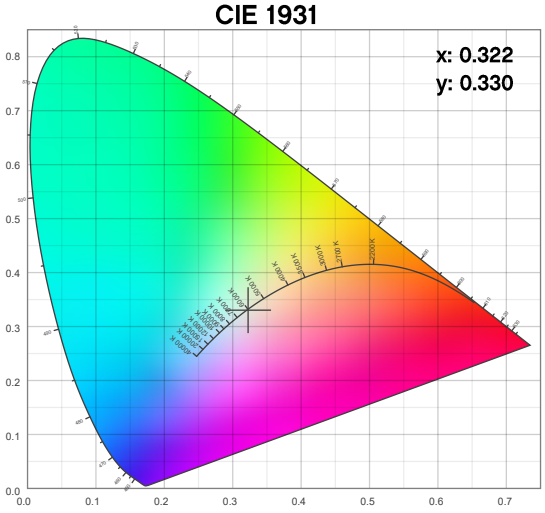


Beam Angle **53.1°**

Spectral Distribution



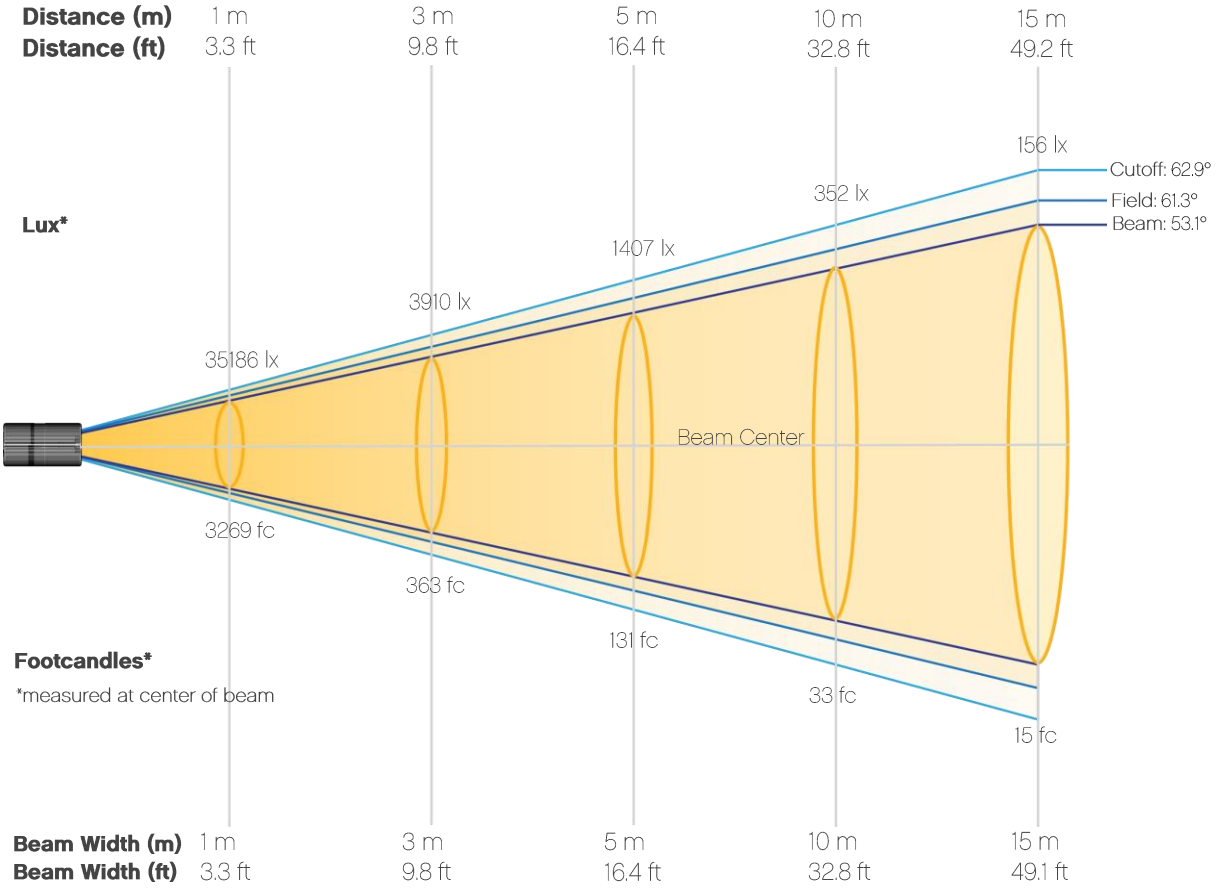
CIE 1931



Photometric Report

Maverick MK3 Profile CX: Full Flood, Full Power

Beam Details



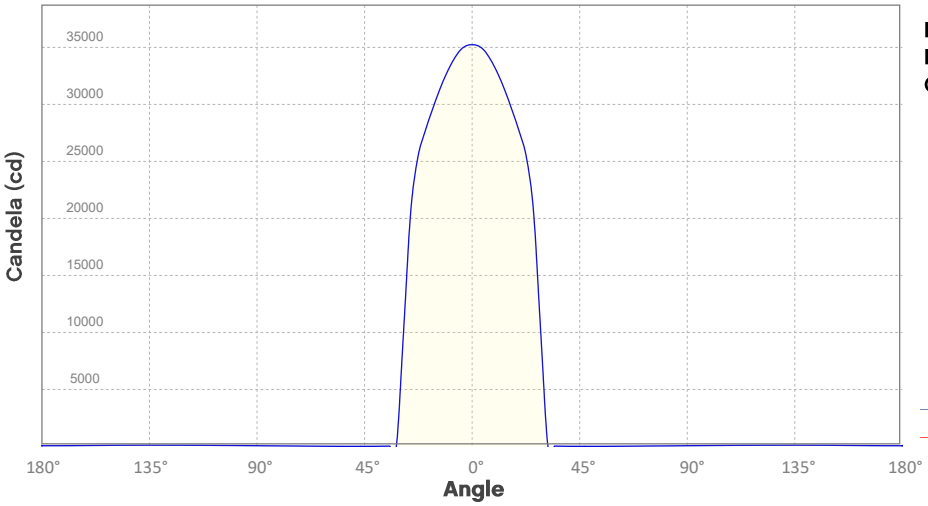
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35186	8797	3910	2199	1407	977	718	550	434	352
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	291	244	208	180	156	137	122	109	97	88
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3269	817	363	204	131	91	67	51	40	33
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	27	23	19	17	15	13	11	10	9	8

Photometric Report

Maverick MK3 Profile CX: Full Flood, Full Power

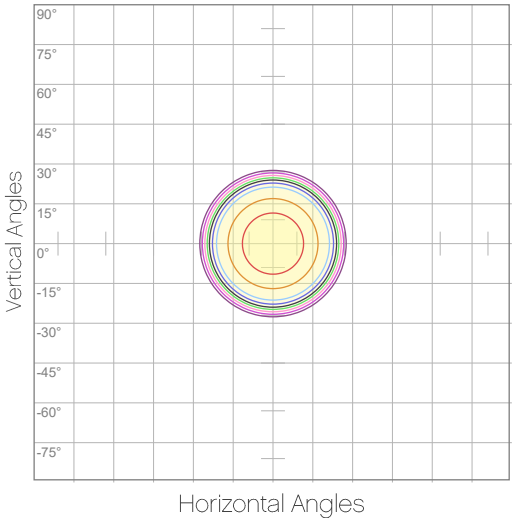
Candela Plot



Beam Angle (50%): 53.1°
Field Angle (10%): 61.3°
Cutoff Angle (3%): 62.9°

Horizontal Distribution
Vertical Distribution

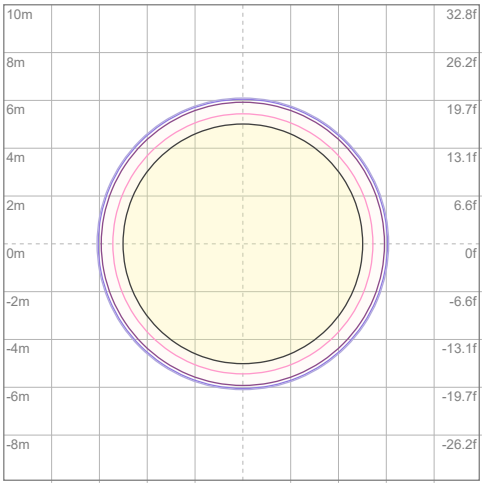
Polar Diagrams



iso-candela Diagram

10%	3519 cd
20%	7037 cd
30%	10556 cd
40%	14075 cd
50%	17593 cd
60%	21112 cd
70%	24630 cd
80%	28149 cd
90%	31668 cd

Conditions:
Number of c-planes: 2
Candela at center: 35186 cd



iso-illuminance Diagram

3%	10.6 lx
5%	17.6 lx
10%	35.2 lx
30%	106 lx
50%	176 lx

Conditions:
Number of c-planes: 2
Lux at center: 352 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

Report Summary

Output

Total Lumens: 27402 lm
Peak Intensity: 46489 cd
Illuminance @ 5m: 1860 lux
Fixture Efficacy: 25 lm/W

Optical

Horizontal Beam Angle (50%): 52.7°
Vertical Beam Angle (50%): 52.7°
Horizontal Field Angle (10%): 61.4°
Vertical Field Angle (10%): 61.4°
Horizontal Cutoff Angle (3%): 64.1°
Vertical Cutoff Angle (3%): 64.1°

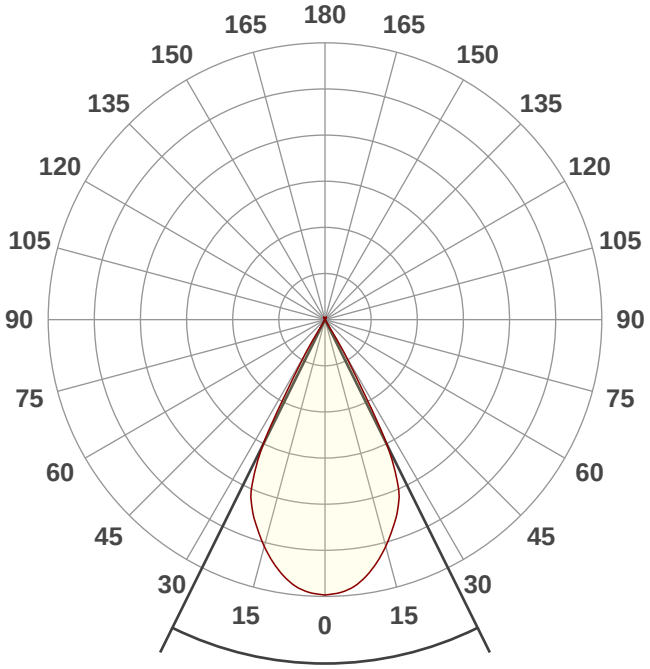
Conditions

AC Supply: 120 V, 0 Hz
Power: 1084.8 W
Current: 9.04 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 6/26/2019 to LM-63-2002 Standards.

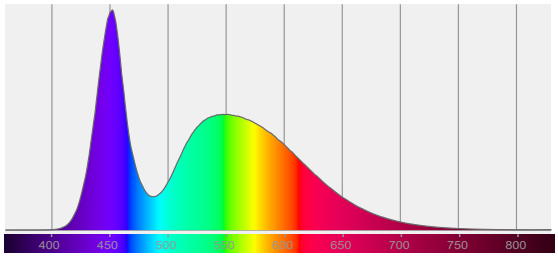
Overall Measurement

Angular Beam Distribution

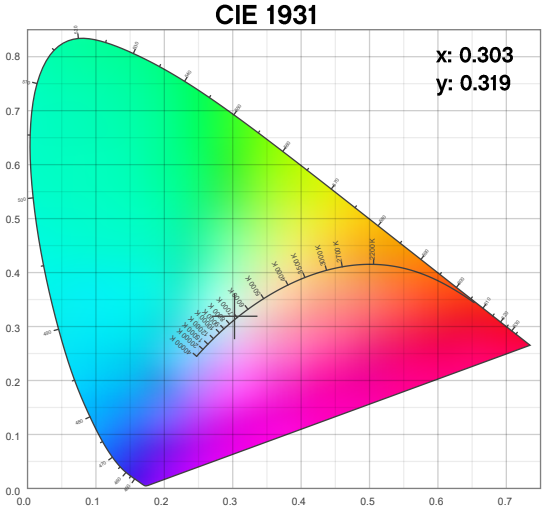


Beam Angle **52.7°**

Spectral Distribution



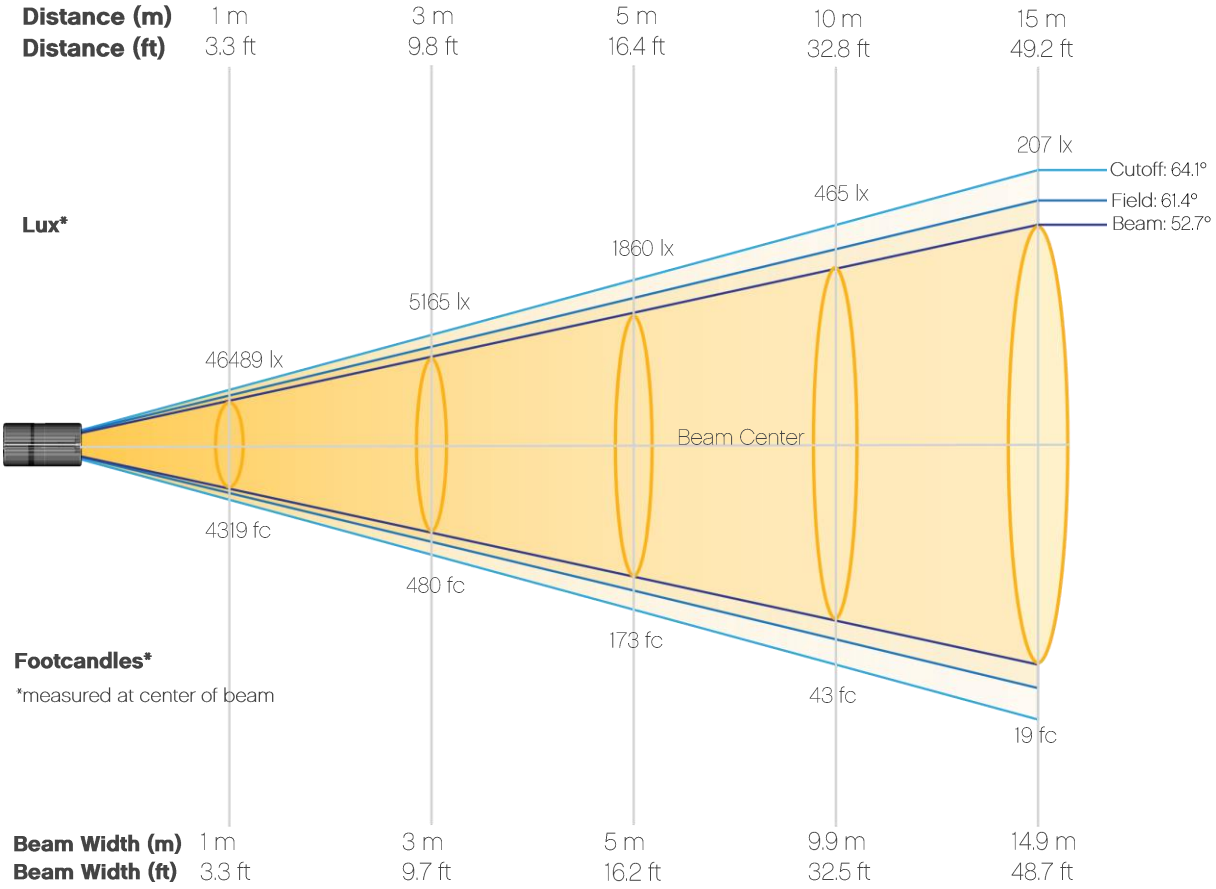
CIE 1931



Photometric Report

Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

Beam Details



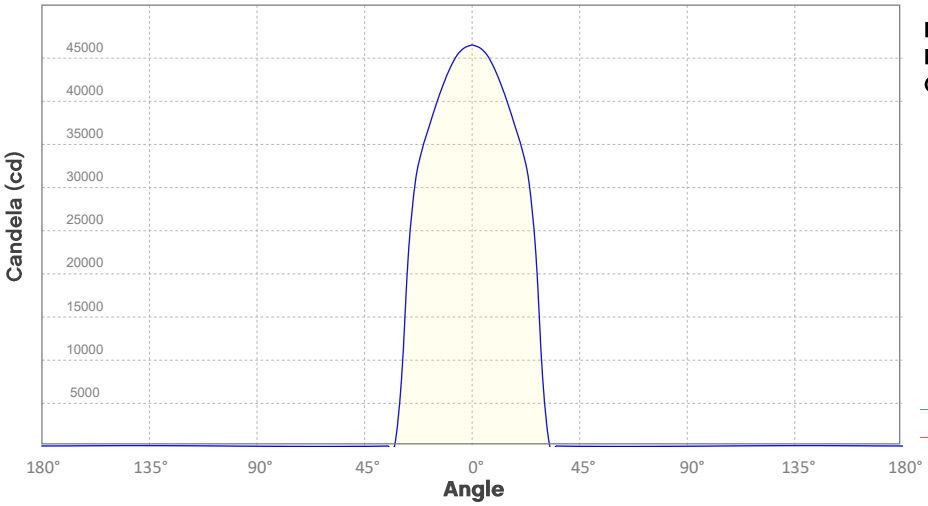
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	46489	11622	5165	2906	1860	1291	949	726	574	465
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	384	323	275	237	207	182	161	143	129	116
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4319	1080	480	270	173	120	88	67	53	43
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	36	30	26	22	19	17	15	13	12	11

Photometric Report

Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

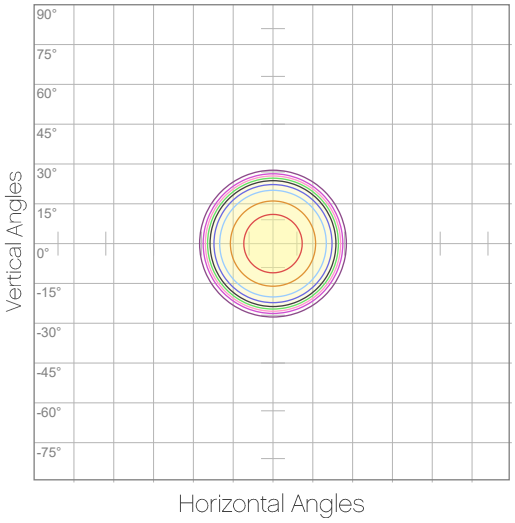
Candela Plot



Beam Angle (50%): 52.7°
Field Angle (10%): 61.4°
Cutoff Angle (3%): 64.1°

Horizontal Distribution
Vertical Distribution

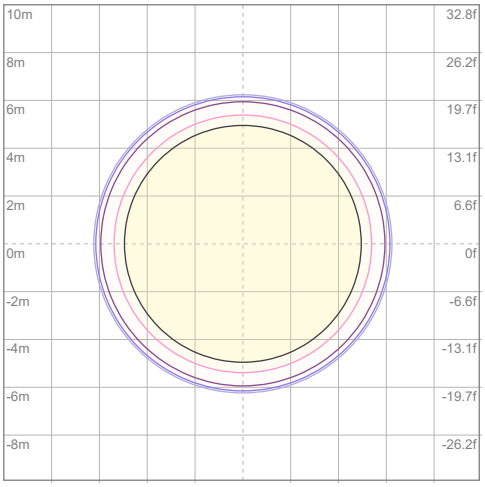
Polar Diagrams



iso-candela Diagram

10%	4649 cd
20%	9298 cd
30%	13947 cd
40%	18596 cd
50%	23245 cd
60%	27894 cd
70%	32543 cd
80%	37192 cd
90%	41840 cd

Conditions:
Number of c-planes: 2
Candela at center: 46489 cd



iso-illuminance Diagram

3%	13.9 lx
5%	23.2 lx
10%	46.5 lx
30%	139 lx
50%	232 lx

Conditions:
Number of c-planes: 2
Lux at center: 465 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Profile CX: Full Spot, Full Power

Report Summary

Output

Total Lumens: 10147 lm
Peak Intensity: 1076718 cd
Illuminance @ 5m: 43069 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 6.1°
Vertical Beam Angle (50%): 6.1°
Horizontal Field Angle (10%): 7.5°
Vertical Field Angle (10%): 7.5°
Horizontal Cutoff Angle (3%): 8.2°
Vertical Cutoff Angle (3%): 8.2°

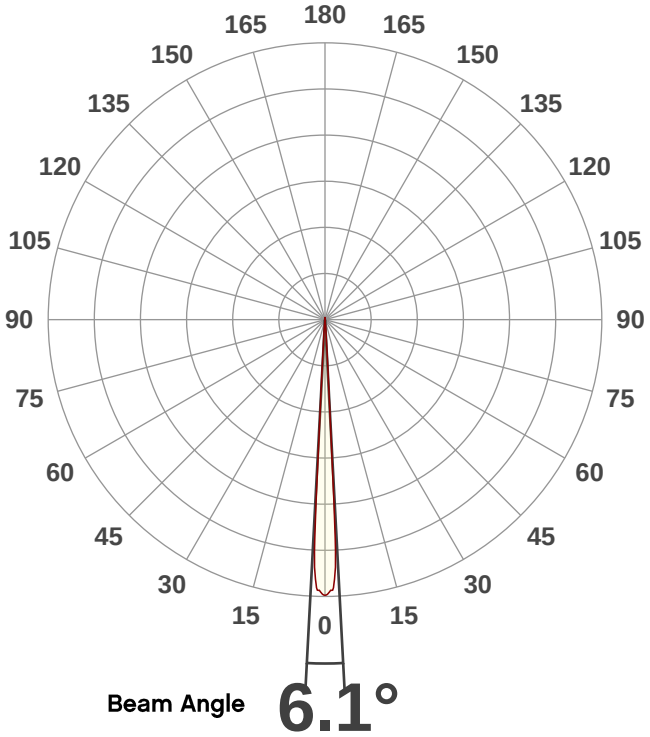
Conditions

AC Supply: 120 V, 0 Hz
Power: 1084.8 W
Current: 9.04 A
Power Factor: 1.0

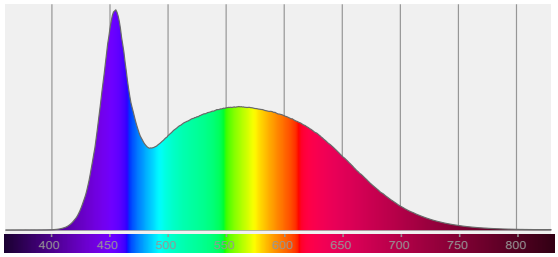
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 7/2/2019 to LM-63-2002 Standards.

Overall Measurement

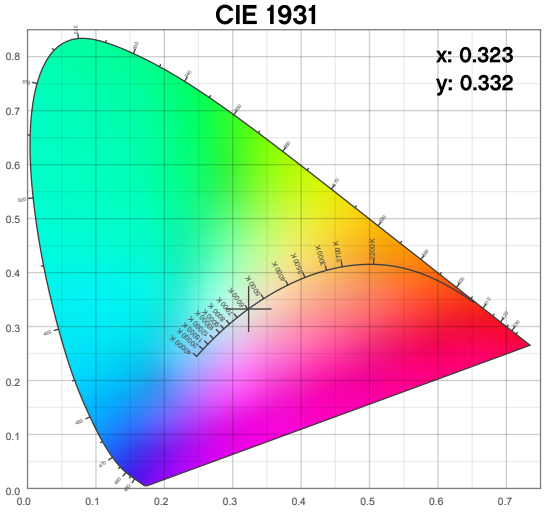
Angular Beam Distribution



Spectral Distribution



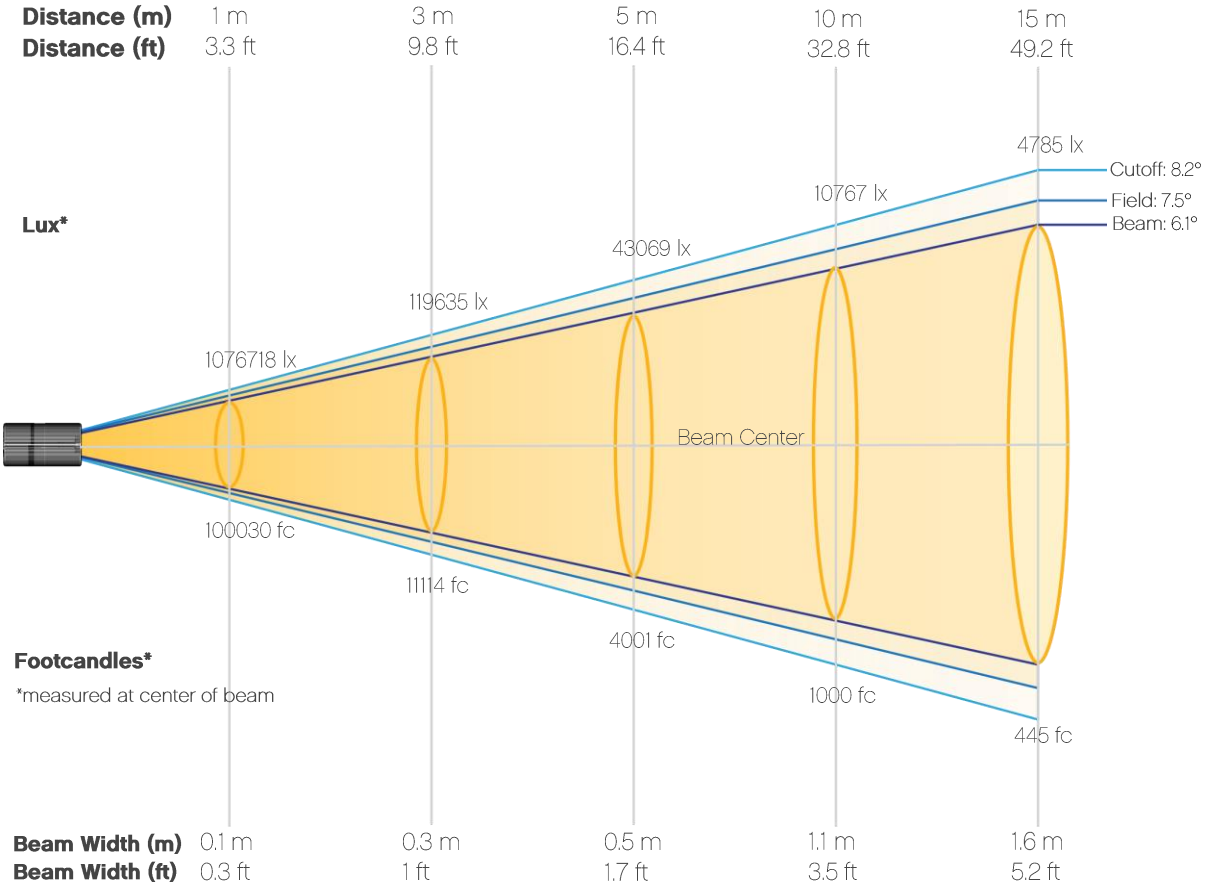
CIE 1931



Photometric Report

Maverick MK3 Profile CX: Full Spot, Full Power

Beam Details



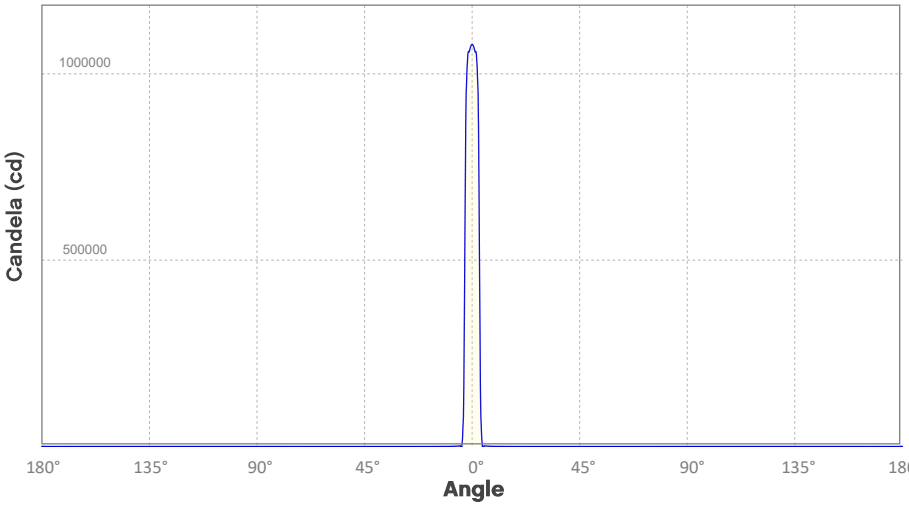
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1076718	269179	119635	67295	43069	29909	21974	16824	13293	10767
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	8898	7477	6371	5493	4785	4206	3726	3323	2983	2692
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	100030	25008	11114	6252	4001	2779	2041	1563	1235	1000
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	827	695	592	510	445	391	346	309	277	250

Photometric Report

Maverick MK3 Profile CX: Full Spot, Full Power

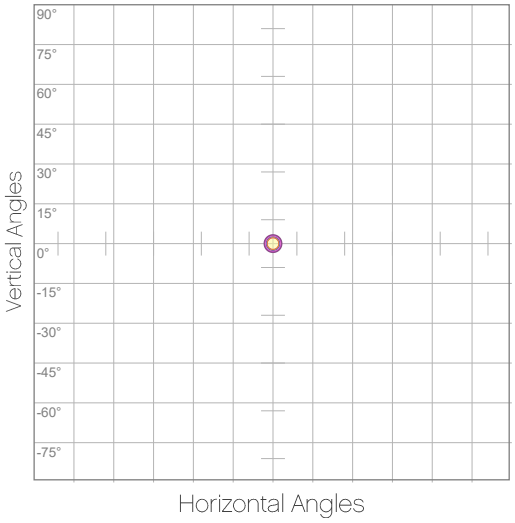
Candela Plot



Beam Angle (50%): 6.1°
Field Angle (10%): 7.5°
Cutoff Angle (3%): 8.2°

Horizontal Distribution
Vertical Distribution

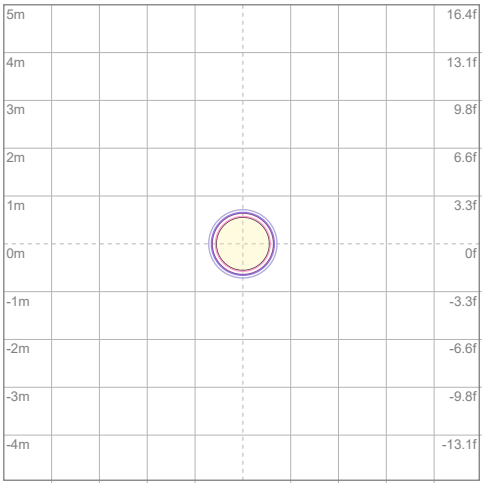
Polar Diagrams



iso-candela Diagram

10%	107672 cd
20%	215344 cd
30%	323015 cd
40%	430687 cd
50%	538359 cd
60%	646031 cd
70%	753703 cd
80%	861374 cd
90%	969046 cd

Conditions:
Number of c-planes: 2
Candela at center: 1076718 cd



iso-illuminance Diagram

3%	323 lx
5%	538 lx
10%	1077 lx
30%	3230 lx
50%	5384 lx

Conditions:
Number of c-planes: 2
Lux at center: 10.8K lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

Report Summary

Output

Total Lumens: 3994 lm
Peak Intensity: 405740 cd
Illuminance @ 5m: 16230 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 6°
Vertical Beam Angle (50%): 6°
Horizontal Field Angle (10%): 8°
Vertical Field Angle (10%): 8°
Horizontal Cutoff Angle (3%): 8.5°
Vertical Cutoff Angle (3%): 8.5°

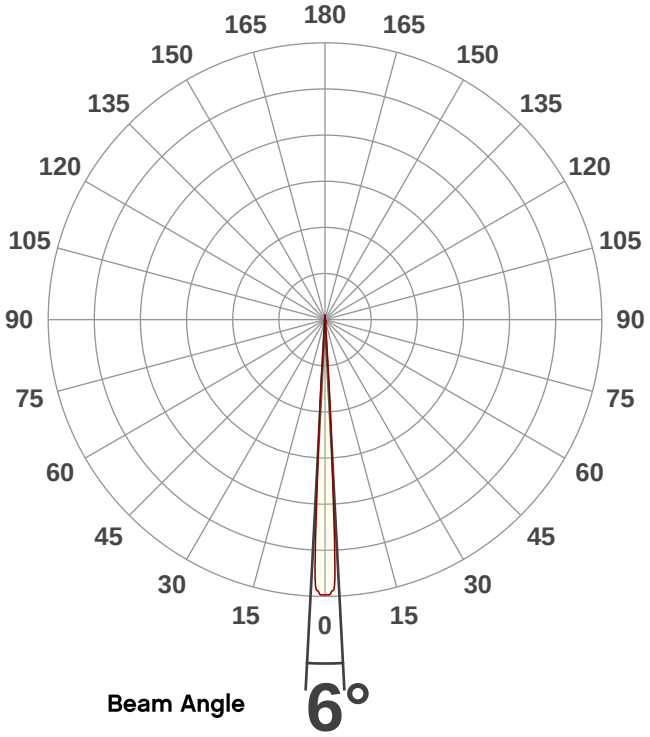
Conditions

AC Supply: 120 V, 0 Hz
Power: 1084.8 W
Current: 9.04 A
Power Factor: 1.0

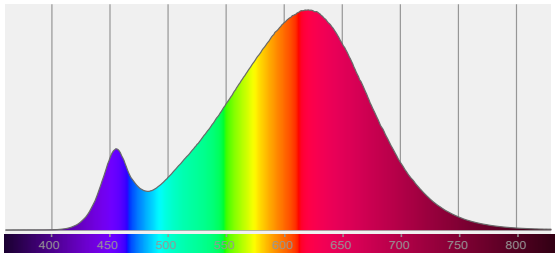
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 7/2/2019 to LM-63-2002 Standards.

Overall Measurement

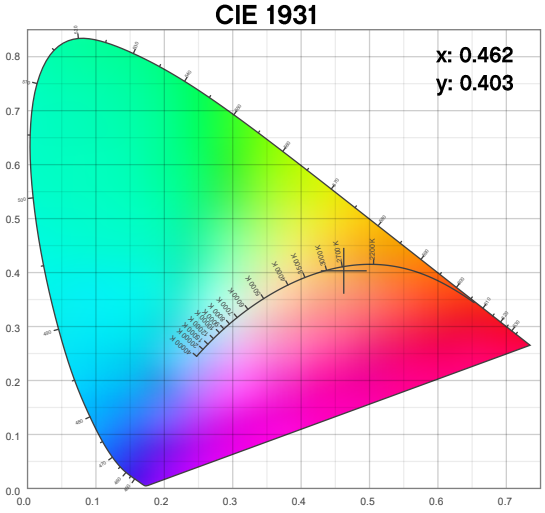
Angular Beam Distribution



Spectral Distribution



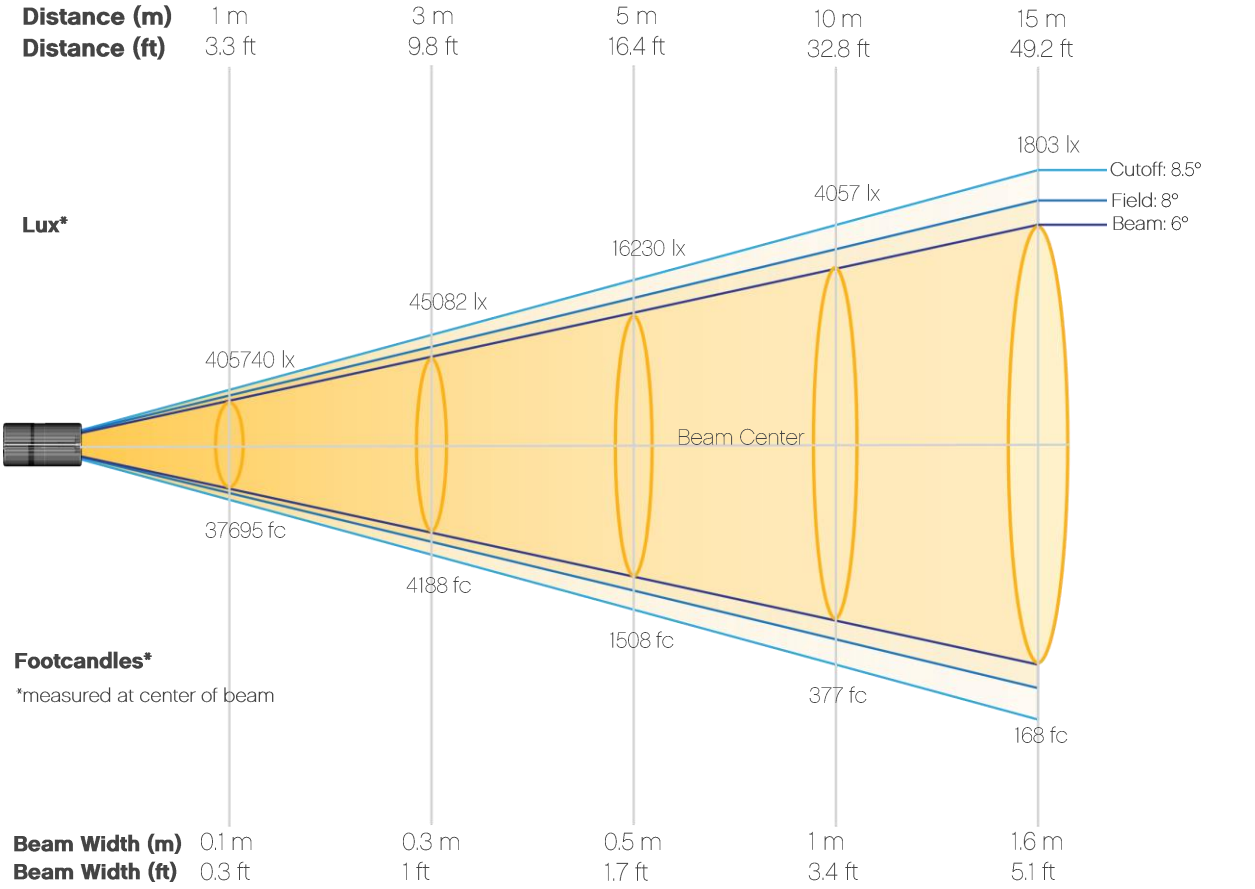
CIE 1931



Photometric Report

Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

Beam Details



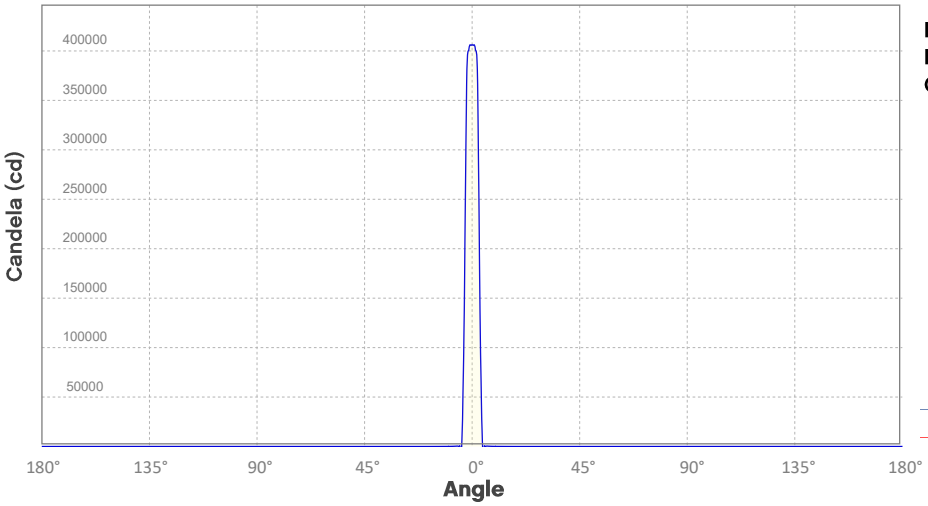
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	405740	101435	45082	25359	16230	11271	8280	6340	5009	4057
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	3353	2818	2401	2070	1803	1585	1404	1252	1124	1014
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	37695	9424	4188	2356	1508	1047	769	589	465	377
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	312	262	223	192	168	147	130	116	104	94

Photometric Report

Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

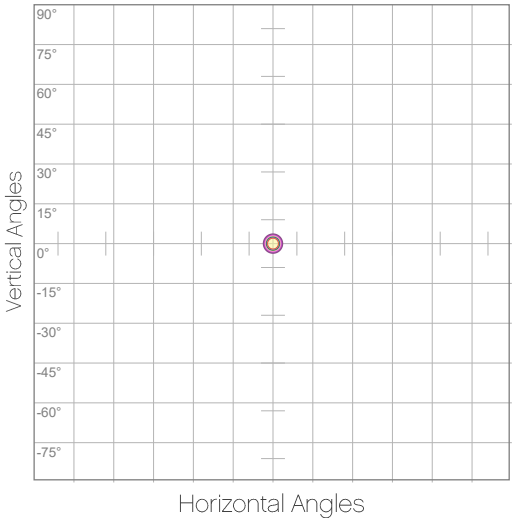
Candela Plot



Beam Angle (50%): 6°
Field Angle (10%): 8°
Cutoff Angle (3%): 8.5°

Horizontal Distribution
Vertical Distribution

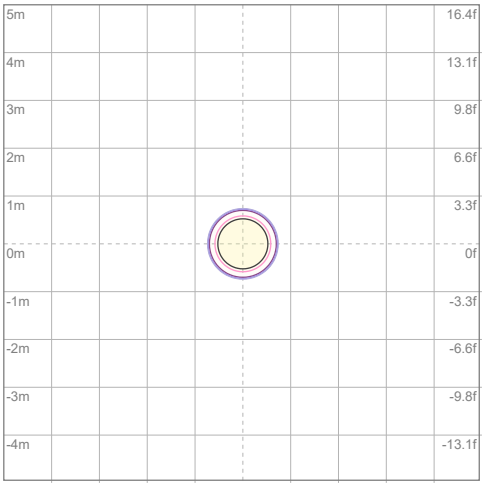
Polar Diagrams



iso-candela Diagram

10%	40574 cd
20%	81148 cd
30%	121722 cd
40%	162296 cd
50%	202870 cd
60%	243444 cd
70%	284018 cd
80%	324592 cd
90%	365166 cd

Conditions:
Number of c-planes: 2
Candela at center: 405740 cd



iso-illuminance Diagram

3%	122 lx
5%	203 lx
10%	406 lx
30%	1217 lx
50%	2029 lx

Conditions:
Number of c-planes: 2
Lux at center: 4057 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick MK3 Profile CX: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 21504 lm
Peak Intensity: 217628 cd
Illuminance @ 5m: 8705 lux
Fixture Efficacy: 20 lm/W

Optical

Horizontal Beam Angle (50%): 20.2°
Vertical Beam Angle (50%): 20.2°
Horizontal Field Angle (10%): 24.2°
Vertical Field Angle (10%): 24.2°
Horizontal Cutoff Angle (3%): 25°
Vertical Cutoff Angle (3%): 25°

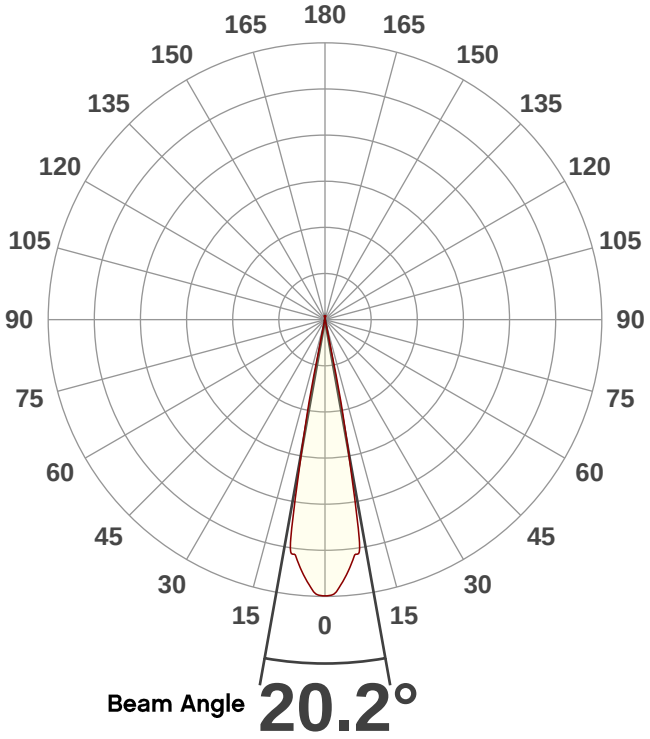
Conditions

AC Supply: 120 V, 0 Hz
Power: 1084.8 W
Current: 9.04 A
Power Factor: 1.0

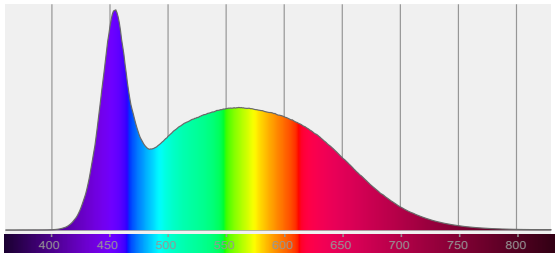
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 7/2/2019 to LM-63-2002 Standards.

Overall Measurement

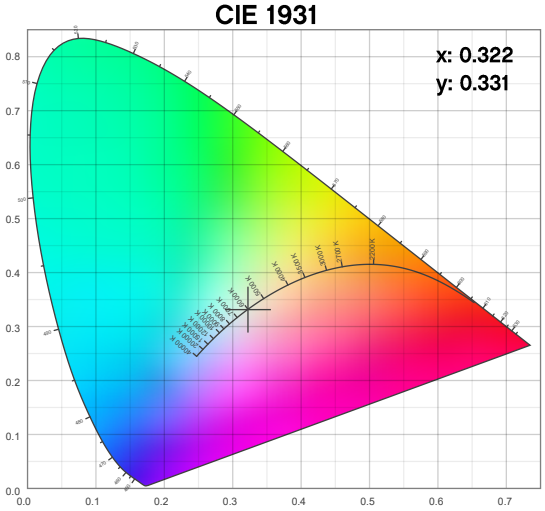
Angular Beam Distribution



Spectral Distribution



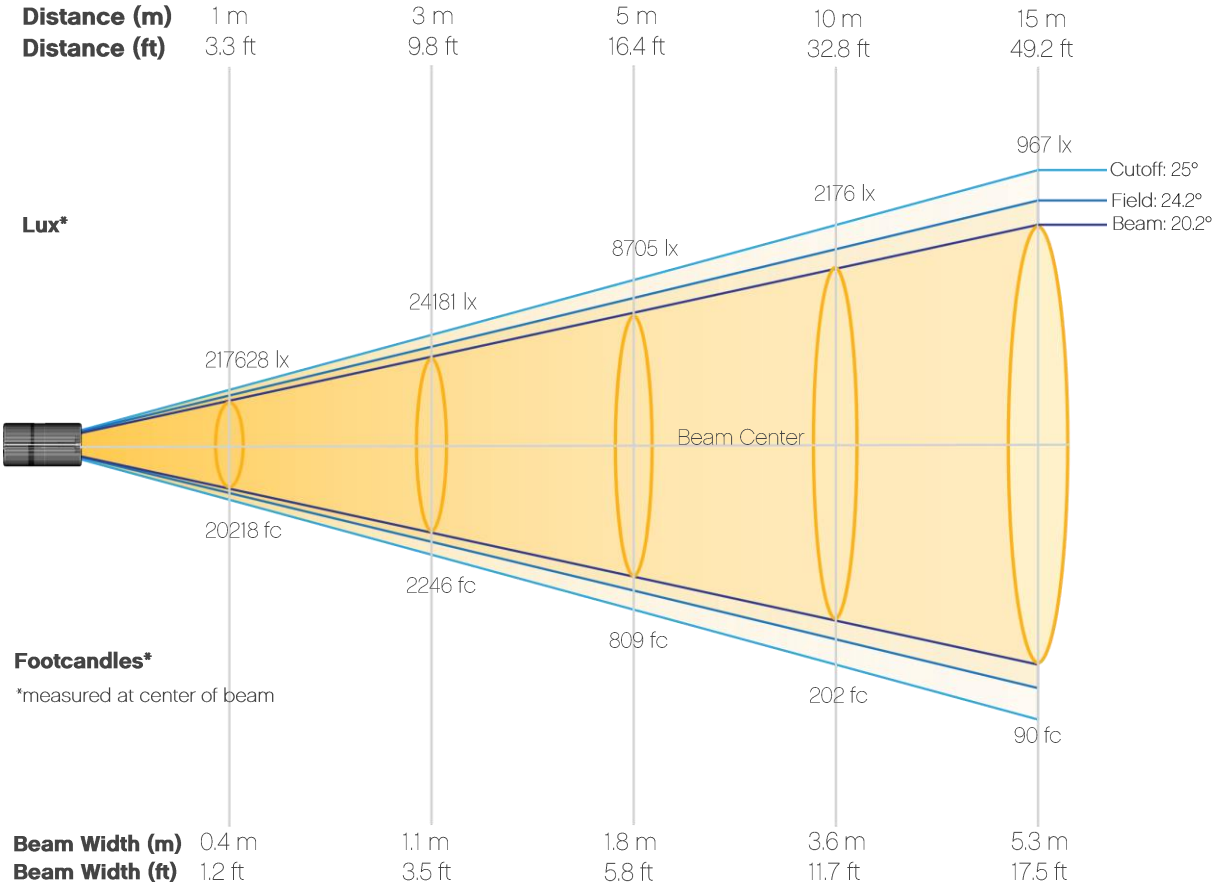
CIE 1931



Photometric Report

Maverick MK3 Profile CX: 50% Zoom, Full Power

Beam Details



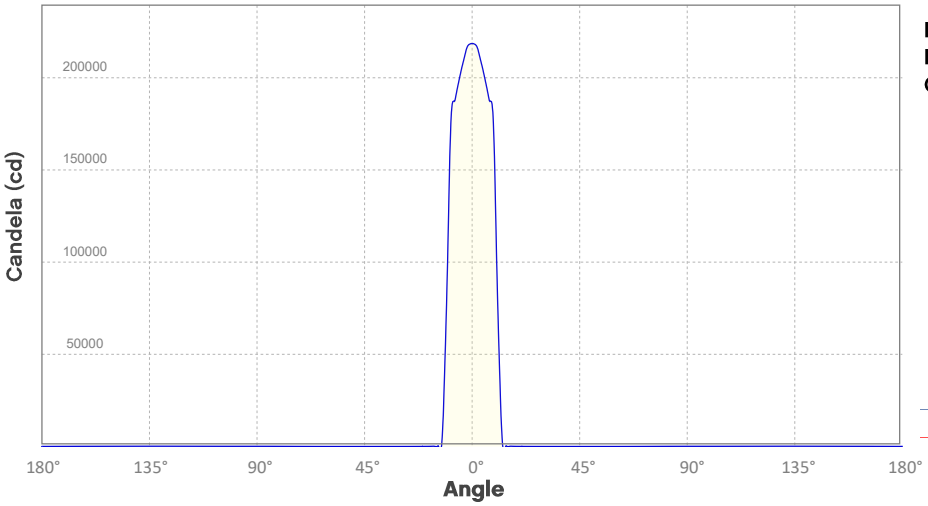
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	217628	54407	24181	13602	8705	6045	4441	3400	2687	2176
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1799	1511	1288	1110	967	850	753	672	603	544
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	20218	5055	2246	1264	809	562	413	316	250	202
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	167	140	120	103	90	79	70	62	56	51

Photometric Report

Maverick MK3 Profile CX: 50% Zoom, Full Power

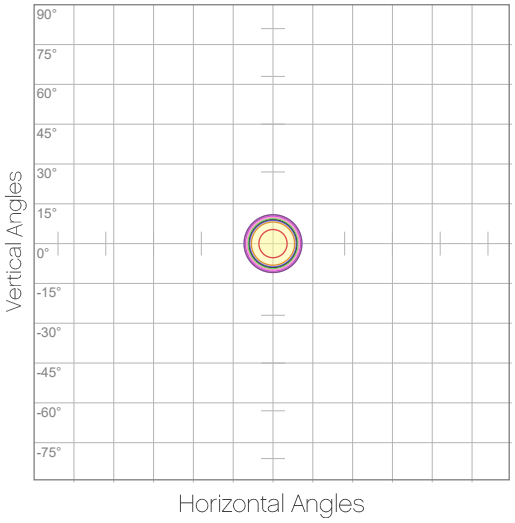
Candela Plot



Beam Angle (50%): 20.2°
Field Angle (10%): 24.2°
Cutoff Angle (3%): 25°

Horizontal Distribution
Vertical Distribution

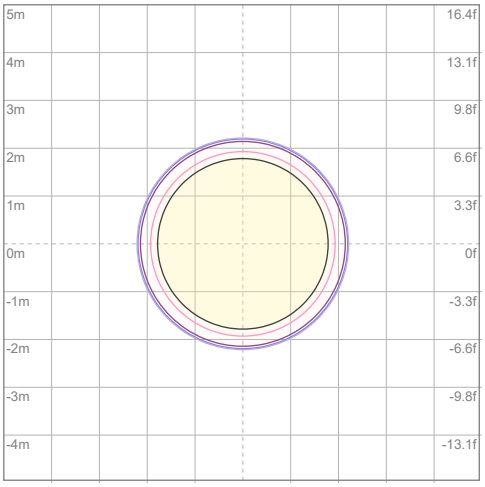
Polar Diagrams



iso-candela Diagram

10%	21763 cd
20%	43526 cd
30%	65288 cd
40%	87051 cd
50%	108814 cd
60%	130577 cd
70%	152340 cd
80%	174102 cd
90%	195865 cd

Conditions:
Number of c-planes: 2
Candela at center: 217628 cd



iso-illuminance Diagram

3%	65.3 lx
5%	109 lx
10%	218 lx
30%	653 lx
50%	1088 lx

Conditions:
Number of c-planes: 2
Lux at center: 2176 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 MK3 Profile CX: Full Flood, Full Power

Report Summary

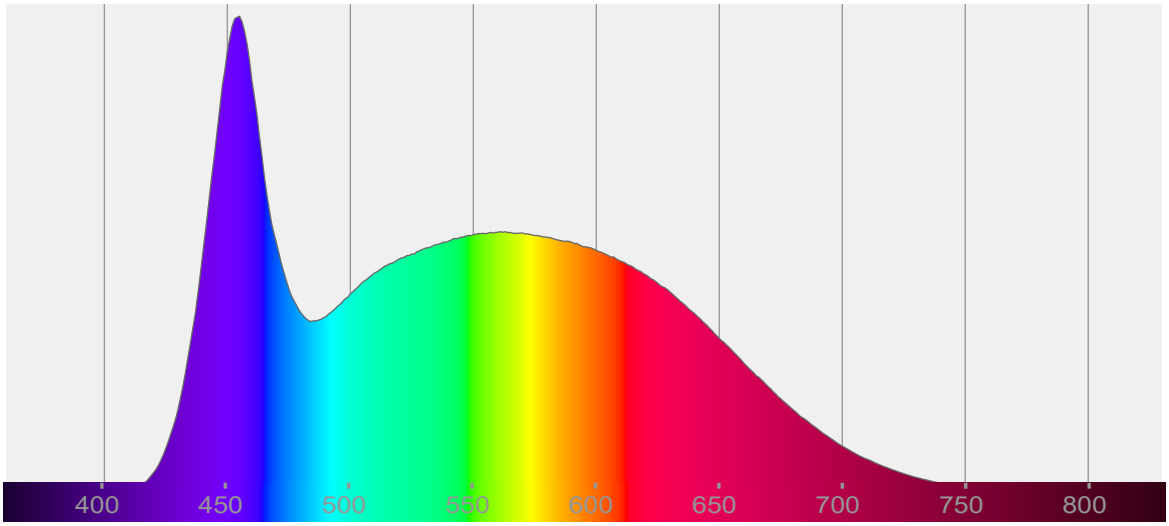
Measurements

Total Lumens: 21558 lm
Peak Intensity: 35186 cd
Fixture Efficacy: 20 lm/W

Correlated Color Temperature: 5993K
Δuv: -0.0042

CRI: 91.2 CRI R9 Value: 56.4
CQS: 87.4
TLCI: 88
TM-30-18 Rf: 87.1
TM-30-18 Rg: 97.5
1st Dominant Wavelength: 455 nM
2nd Dominant Wavelength: 561 nM

Spectral Distribution



Tested Color

5993 K
CIE 1931 Coordinates:
X: 0.322 Y: 0.330

Color Temperature

5993 K

Light Quality

CRI: 91.2

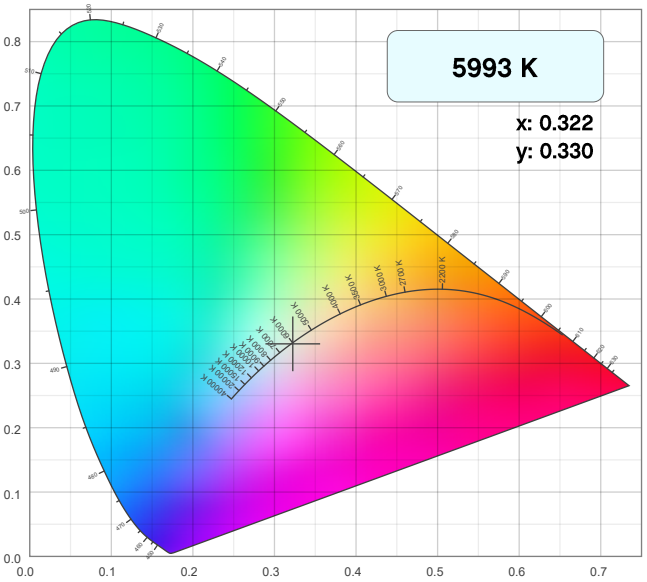
Notes:

Chromaticity Report

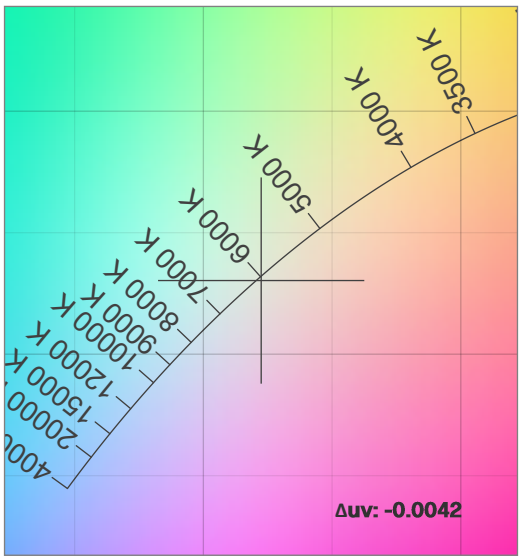
Maverick MK3 Profile CX: Full Flood, Full Power

Chromaticity

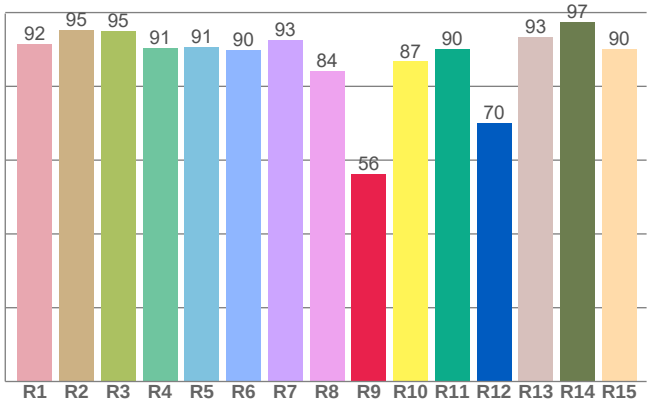
CIE 1931



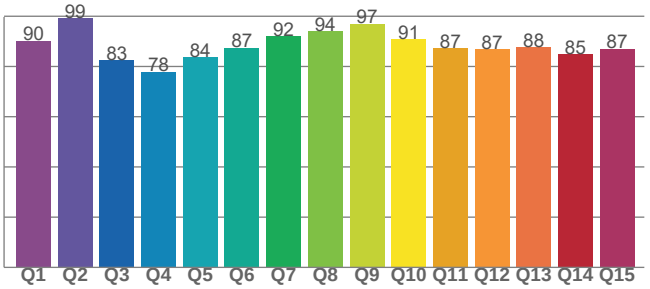
CIE 1931 - Zoom



CRI: 91.2 (R1-R8)



CQS: 87.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5993 K	0.322	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.330	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.2	56.4	87.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
88	87.1	97.5

Chromaticity Report

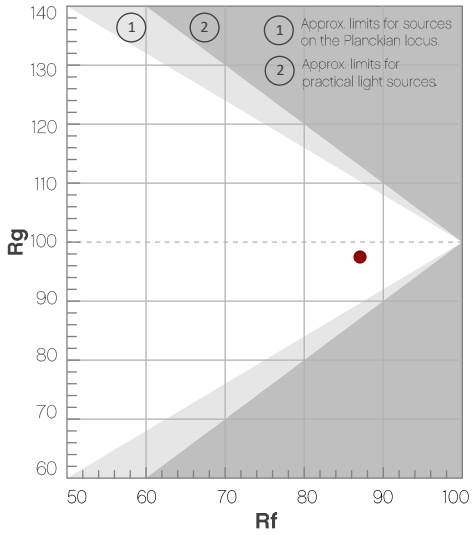
Maverick MK3 Profile CX: Full Flood, Full Power

TM-30-18 Details

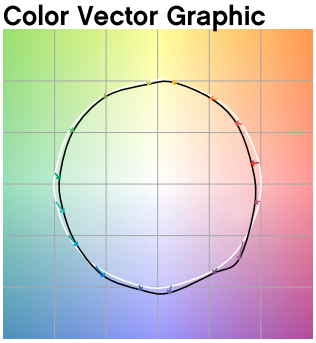
Rf 87.1
Fidelity Index (Rg)

Rg 97.5
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	84	-7%	1%
2	89	-4%	4%
3	87	-2%	6%
4	90	0%	4%
5	89	-3%	1%
6	95	-1%	-1%
7	93	-3%	0%
8	88	-5%	4%
9	85	-5%	11%
10	78	-2%	12%
11	78	3%	12%
12	92	4%	2%
13	90	6%	-3%
14	90	2%	-5%
15	78	6%	-16%
16	91	-4%	-2%

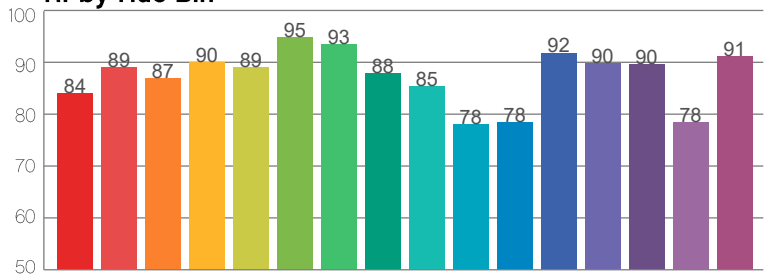


Color Vector Graphic

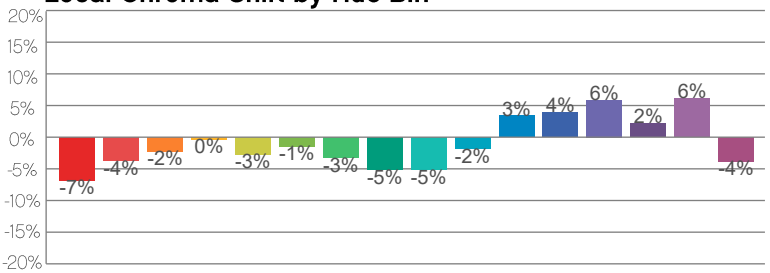


Color Distortion Graphic

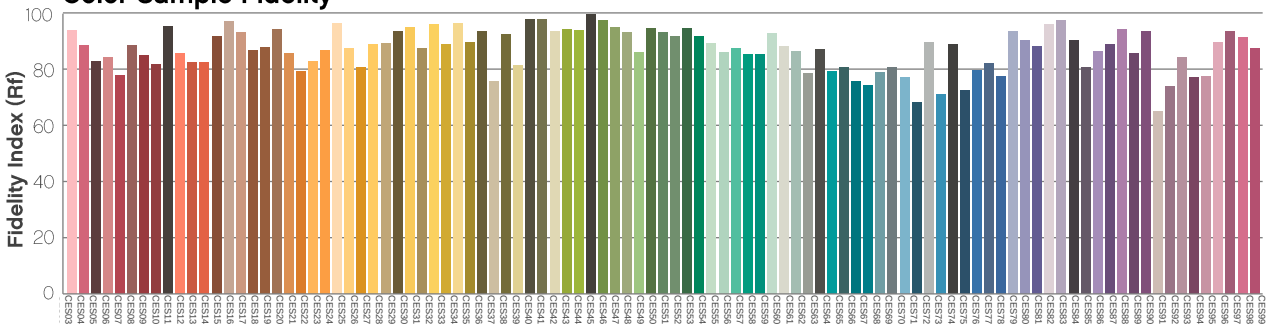
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

Report Summary

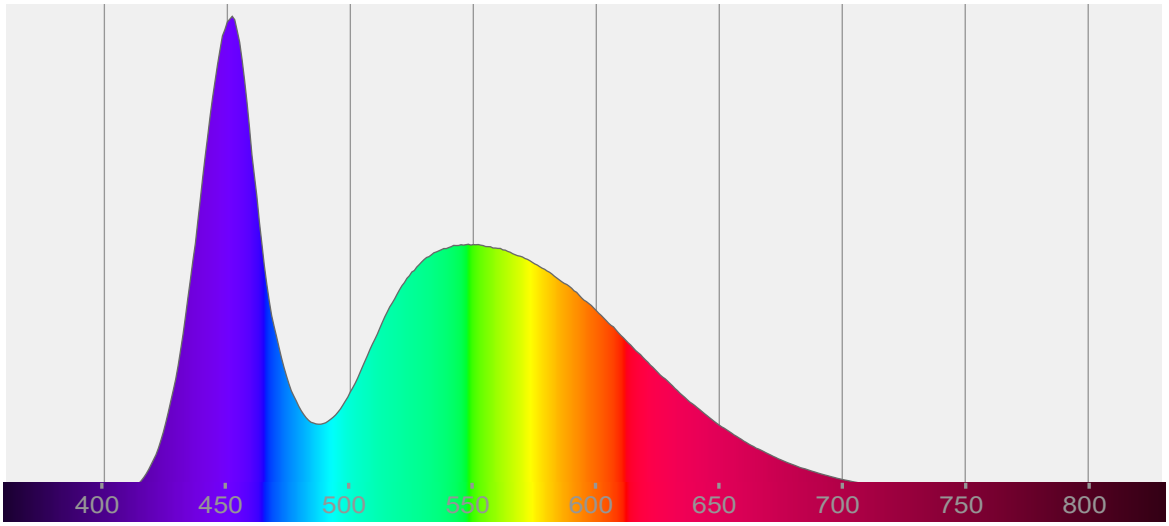
Measurements

Total Lumens: 27402 lm
Peak Intensity: 46489 cd
Fixture Efficacy: 25 lm/W

Correlated Color Temperature: 7212K
Δuv: 0.0002

CRI: 74.1 CRI R9 Value: -22.3
CQS: 71.2
TLCI: 52
TM-30-18 Rf: 71.6
TM-30-18 Rg: 92.6
1st Dominant Wavelength: 452 nM
2nd Dominant Wavelength: 548 nM

Spectral Distribution



Tested Color

7212 K
CIE 1931 Coordinates:
X: 0.303 Y: 0.319

Color Temperature

7212 K

Light Quality

CRI: 74.1

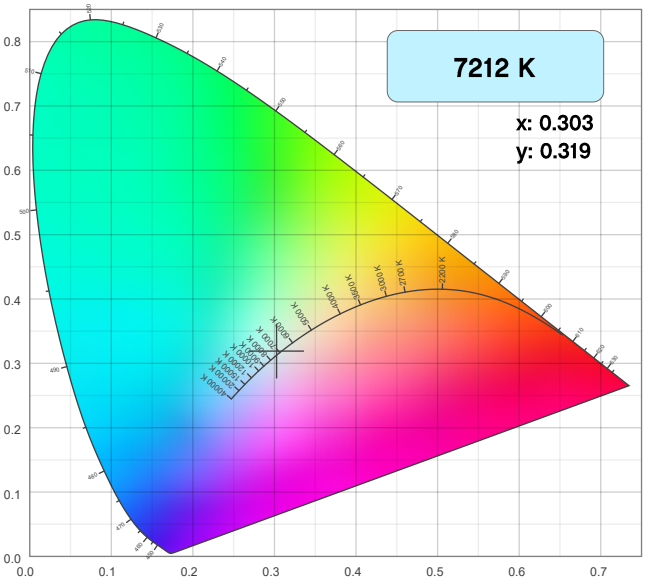
Notes:

Chromaticity Report

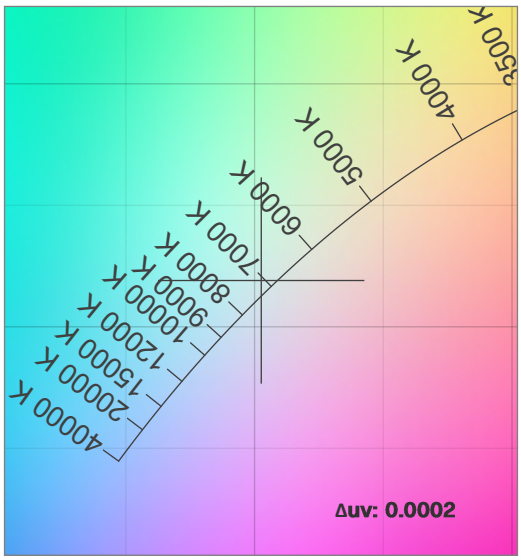
Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

Chromaticity

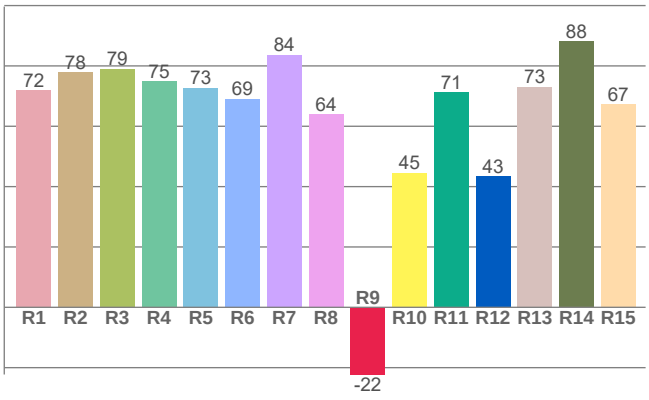
CIE 1931



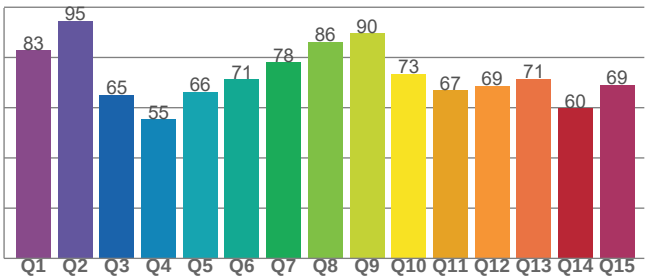
CIE 1931 - Zoom



CRI: 74.1 (R1-R8)



CQS: 71.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7212 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	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.1	-22.3	71.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
52	71.6	92.6

Chromaticity Report

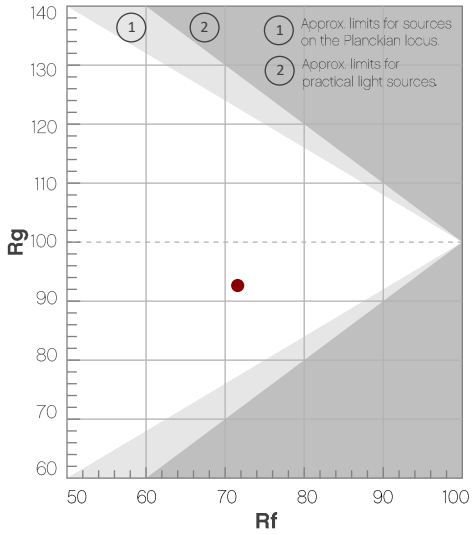
Maverick MK3 Profile CX: Full Flood with CTO Filter, Full Power

TM-30-18 Details

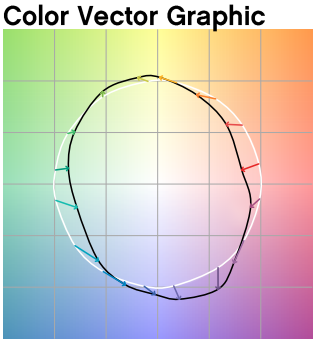
Rf 71.6
Fidelity Index (Rg)

Rg 92.6
Gamut Index (Rg)

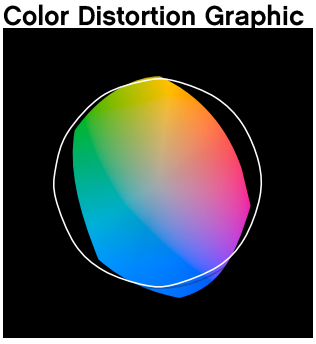
Hue Bin	R_f	Chroma Shift	Hue Shift
1	64	-17%	-3%
2	69	-13%	9%
3	66	-7%	18%
4	69	2%	17%
5	78	6%	9%
6	88	4%	-3%
7	89	-5%	-5%
8	76	-12%	-4%
9	72	-19%	11%
10	58	-11%	25%
11	44	-1%	25%
12	74	6%	12%
13	81	14%	3%
14	72	17%	-12%
15	67	4%	-23%
16	76	-7%	-9%



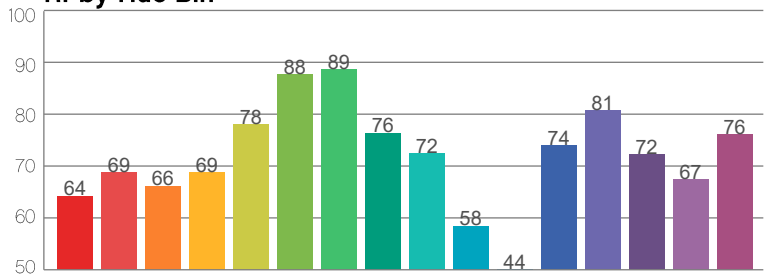
Color Vector Graphic



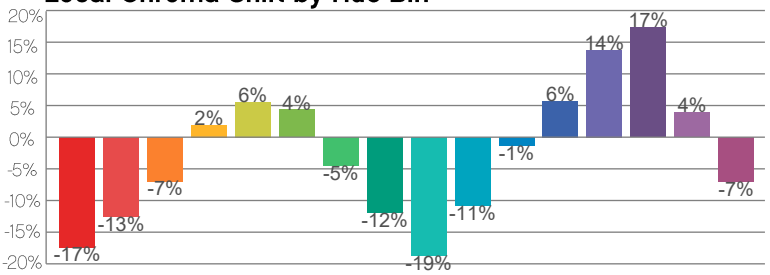
Color Distortion Graphic



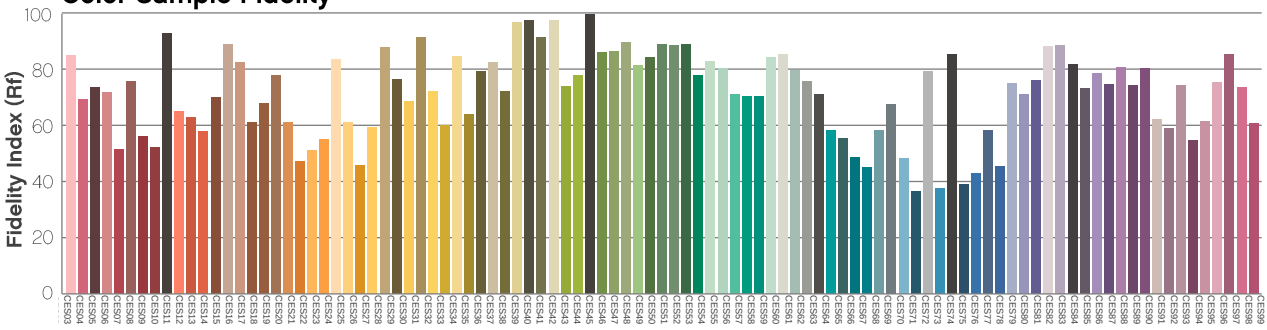
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK3 Profile CX: Full Spot, Full Power

Report Summary

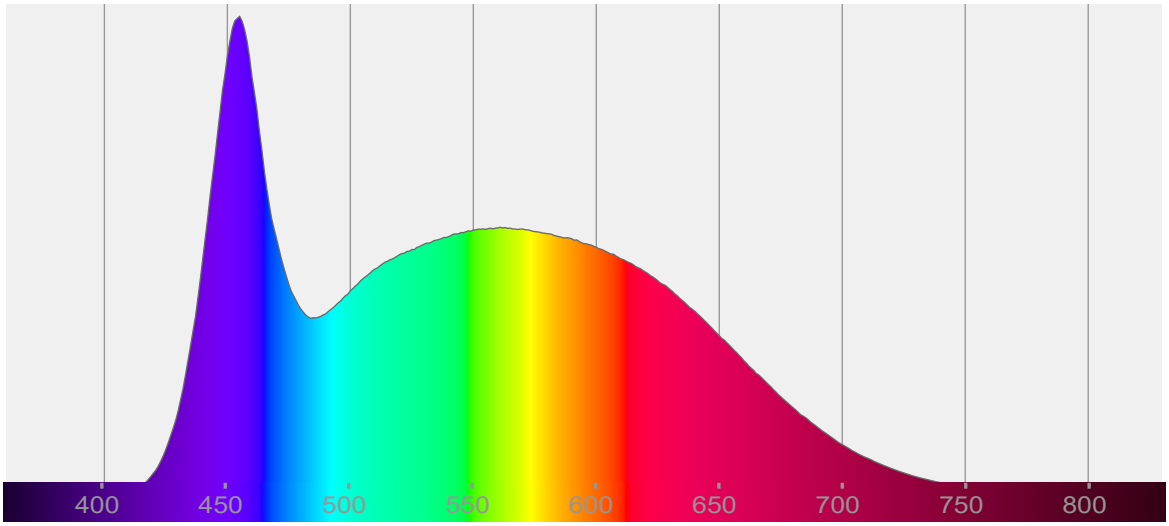
Measurements

Total Lumens: 10147 lm
Peak Intensity: 1076718 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 5948K
Δuv: -0.0034

CRI: 90.9 CRI R9 Value: 54.8
CQS: 87.4
TLCI: 88
TM-30-18 Rf: 87.0
TM-30-18 Rg: 97.1
1st Dominant Wavelength: 455 nM
2nd Dominant Wavelength: 561 nM

Spectral Distribution



Tested Color

5948 K
CIE 1931 Coordinates:
X: 0.323 Y: 0.332

Color Temperature

5948 K

Light Quality

CRI: 90.9

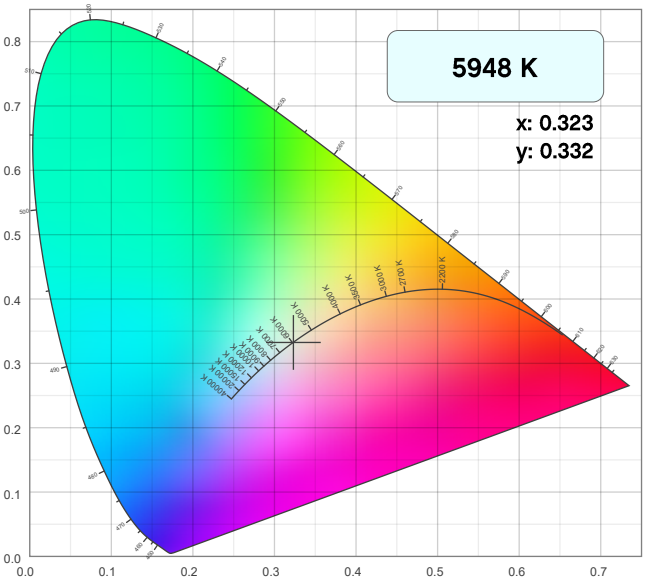
Notes:

Chromaticity Report

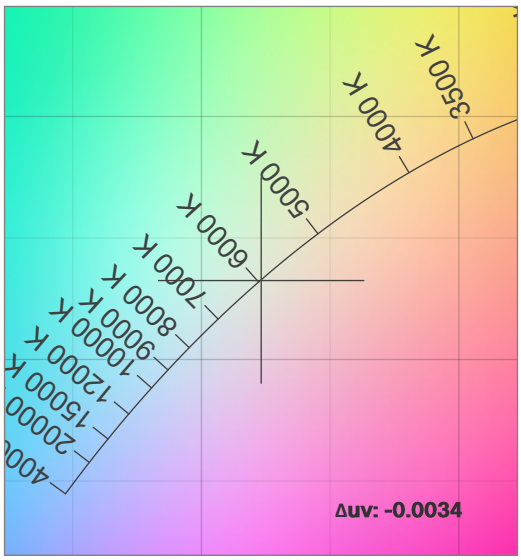
Maverick MK3 Profile CX: Full Spot, Full Power

Chromaticity

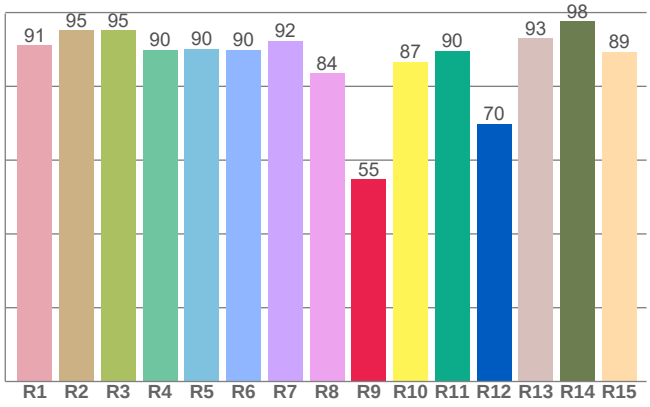
CIE 1931



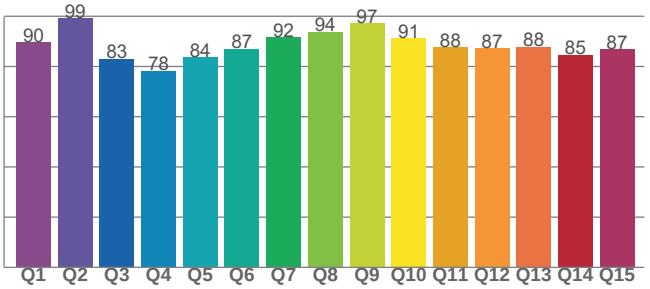
CIE 1931 - Zoom



CRI: 90.9 (R1-R8)



CQS: 87.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5948 K	0.323	0.332

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0034	0.332	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.9	54.8	87.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
88	87.0	97.1

Chromaticity Report

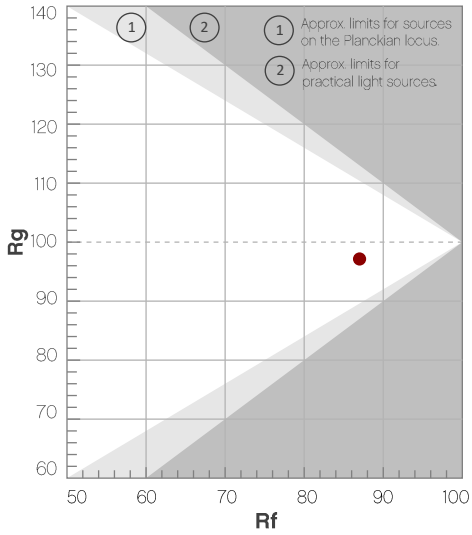
Maverick MK3 Profile CX: Full Spot, Full Power

TM-30-18 Details

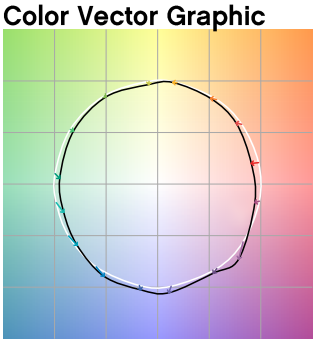
Rf 87.0
Fidelity Index (Rg)

Rg 97.1
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	84	-7%	1%
2	89	-4%	4%
3	87	-2%	5%
4	90	0%	4%
5	89	-3%	1%
6	95	-2%	-1%
7	93	-4%	0%
8	88	-5%	4%
9	85	-5%	11%
10	78	-2%	12%
11	79	3%	11%
12	92	4%	2%
13	90	6%	-3%
14	89	2%	-5%
15	78	6%	-16%
16	91	-4%	-2%

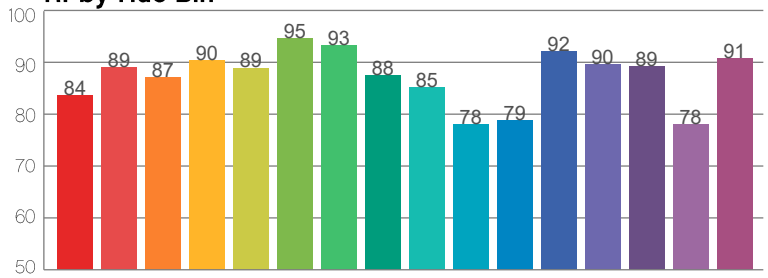


Color Vector Graphic

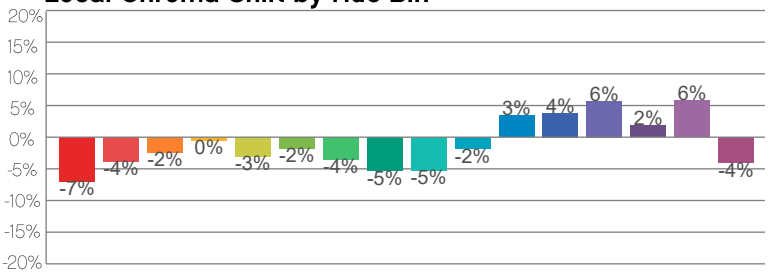


Color Distortion Graphic

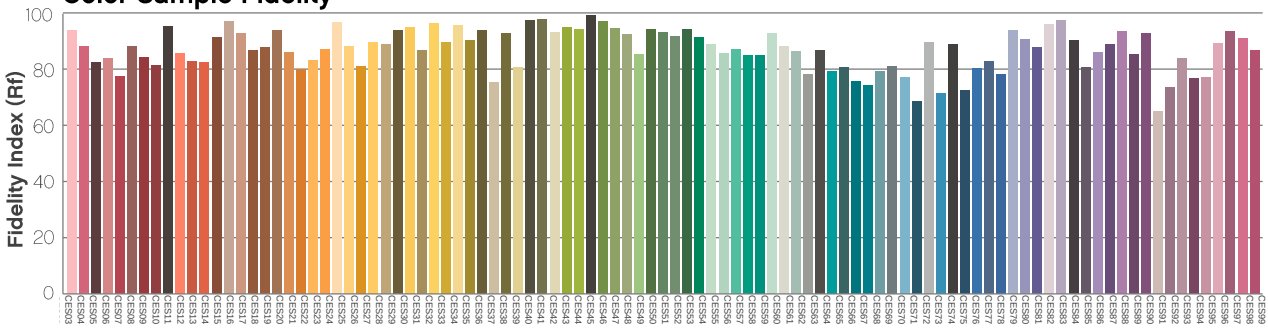
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

Report Summary

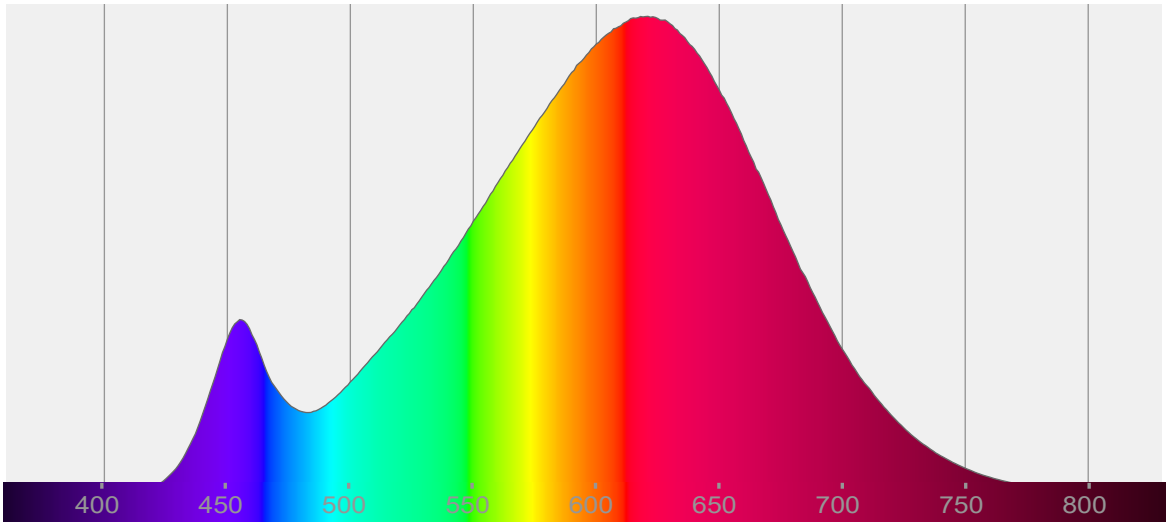
Measurements

Total Lumens: 3994 lm
Peak Intensity: 405740 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 2612K
Δuv: -0.0029

CRI: 86.5 CRI R9 Value: 39.2
CQS: 83.3
TLCI: 79
TM-30-18 Rf: 84.8
TM-30-18 Rg: 99.1
1st Dominant Wavelength: 621 nM
2nd Dominant Wavelength: 455 nM

Spectral Distribution



Tested Color

2612 K
CIE 1931 Coordinates:
X: 0.462 Y: 0.403

Color Temperature

2612 K

Light Quality

CRI: 86.5

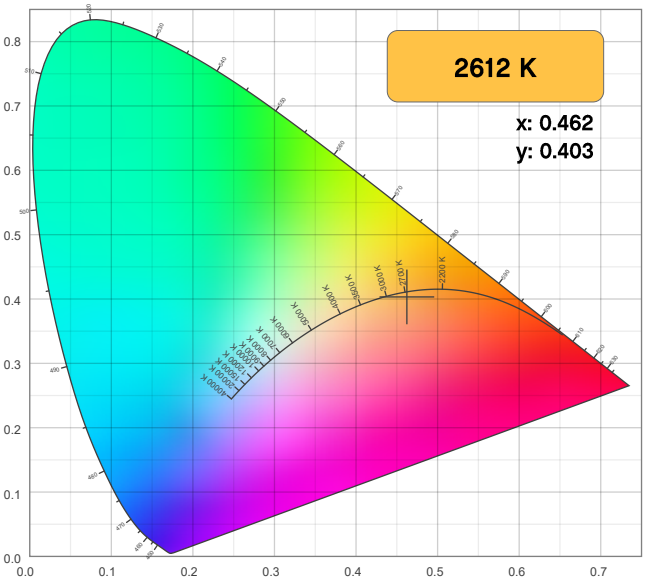
Notes:

Chromaticity Report

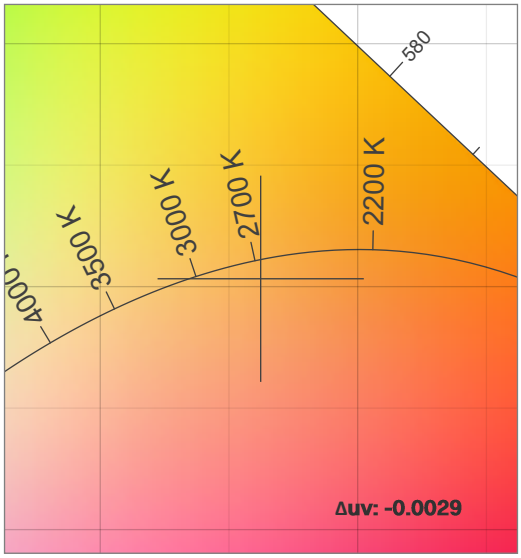
Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

Chromaticity

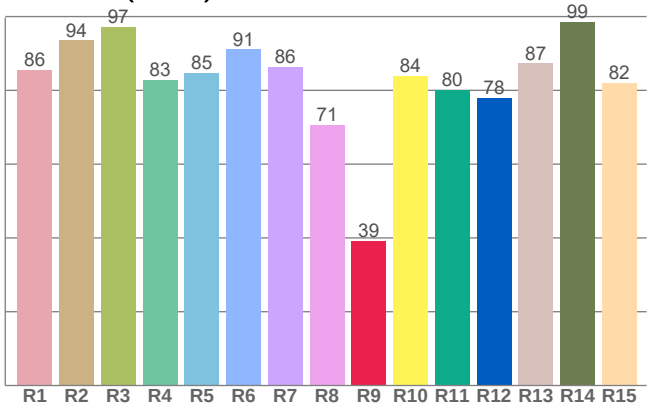
CIE 1931



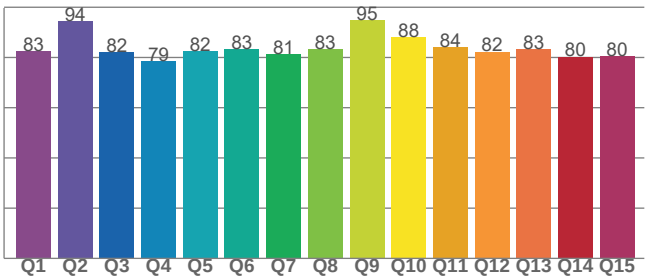
CIE 1931 - Zoom



CRI: 86.5 (R1-R8)



CQS: 83.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2612 K	0.462	0.403

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0029	0.403	0.267

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
86.5	39.2	83.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
79	84.8	99.1

Chromaticity Report

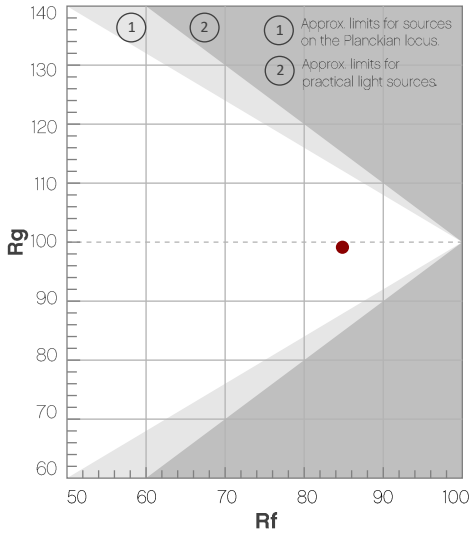
Maverick MK3 Profile CX: Full Spot with CTO Filter, Full Power

TM-30-18 Details

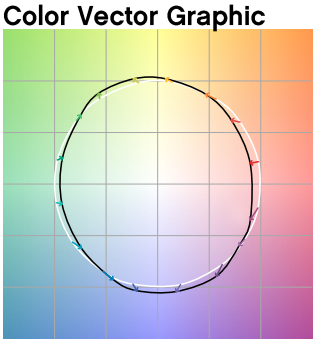
Rf 84.8
Fidelity Index (Rg)

Rg 99.1
Gamut Index (Rg)

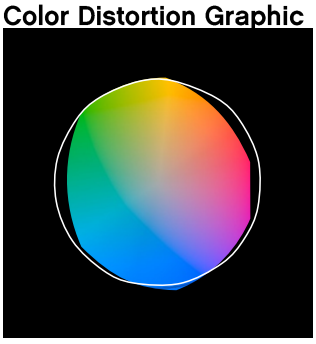
Hue Bin	R_f	Chroma Shift	Hue Shift
1	83	-8%	0%
2	83	-6%	6%
3	77	-2%	11%
4	87	2%	7%
5	91	5%	4%
6	91	5%	-2%
7	88	-1%	-7%
8	90	-4%	-3%
9	89	-5%	2%
10	83	-4%	9%
11	79	1%	12%
12	85	5%	5%
13	88	6%	-5%
14	82	6%	-11%
15	85	-1%	-8%
16	80	-5%	-13%



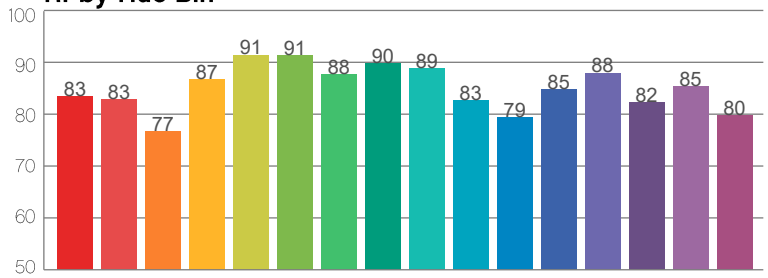
Color Vector Graphic



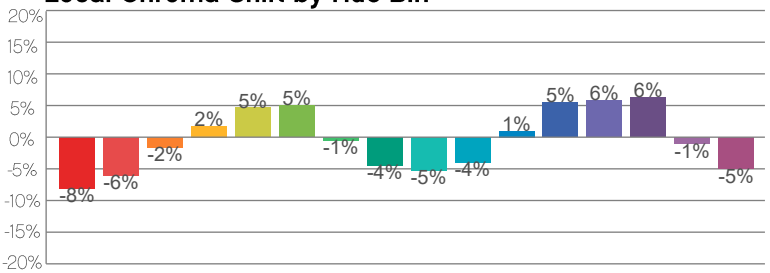
Color Distortion Graphic



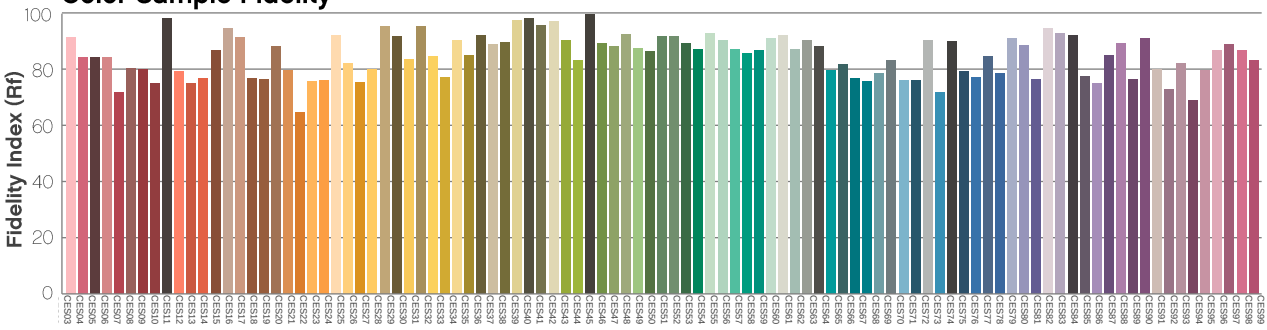
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

Maverick MK3 Profile CX: 50% Zoom, Full Power

Report Summary

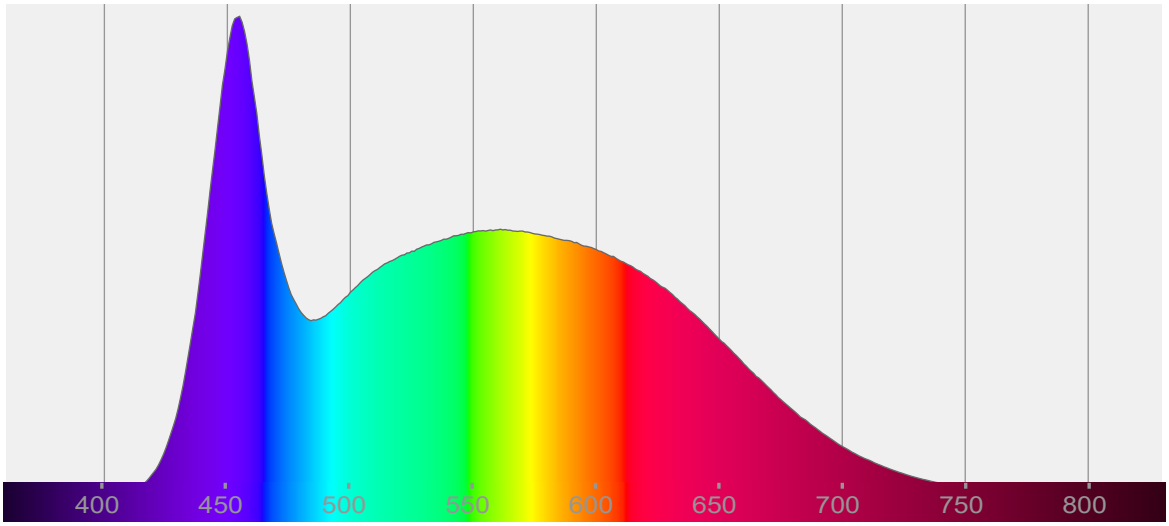
Measurements

Total Lumens: 21504 lm
Peak Intensity: 217628 cd
Fixture Efficacy: 20 lm/W

Correlated Color Temperature: 5999K
Δuv: -0.0036

CRI: 90.8 CRI R9 Value: 54.2
CQS: 87.2
TLCI: 88
TM-30-18 Rf: 86.9
TM-30-18 Rg: 97.3
1st Dominant Wavelength: 455 nM
2nd Dominant Wavelength: 561 nM

Spectral Distribution



Tested Color

5999 K
CIE 1931 Coordinates:
X: 0.322 Y: 0.331

Color Temperature

5999 K

Light Quality

CRI: 90.8

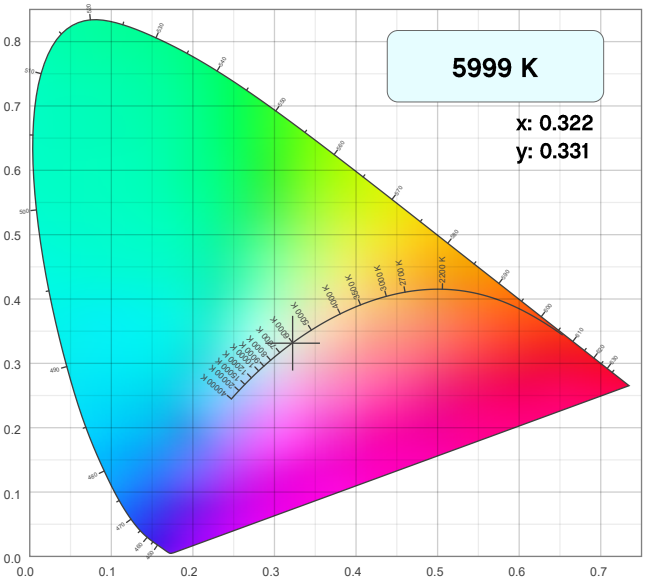
Notes:

Chromaticity Report

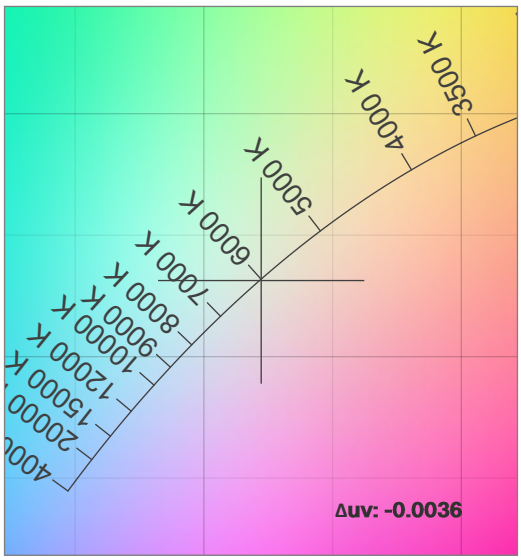
Maverick MK3 Profile CX: 50% Zoom, Full Power

Chromaticity

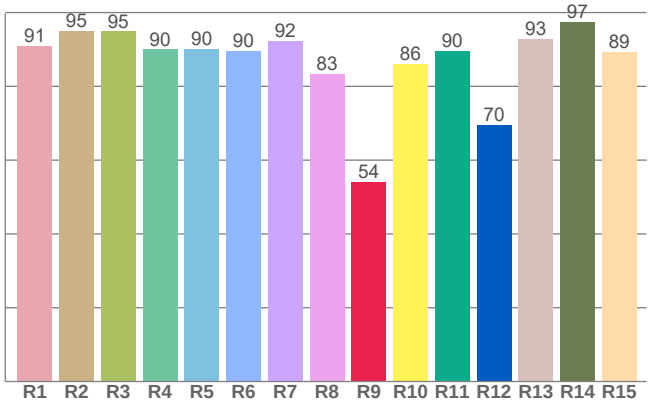
CIE 1931



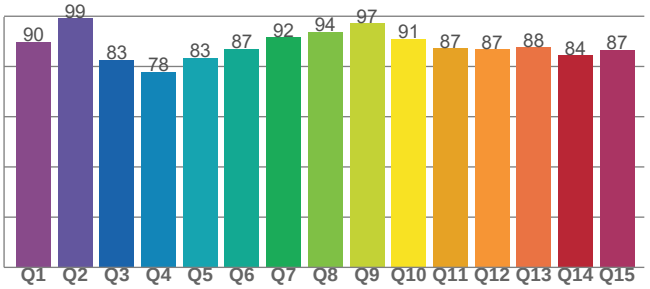
CIE 1931 - Zoom



CRI: 90.8 (R1-R8)



CQS: 87.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5999 K	0.322	0.331

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0036	0.331	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.8	54.2	87.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
88	86.9	97.3

Chromaticity Report

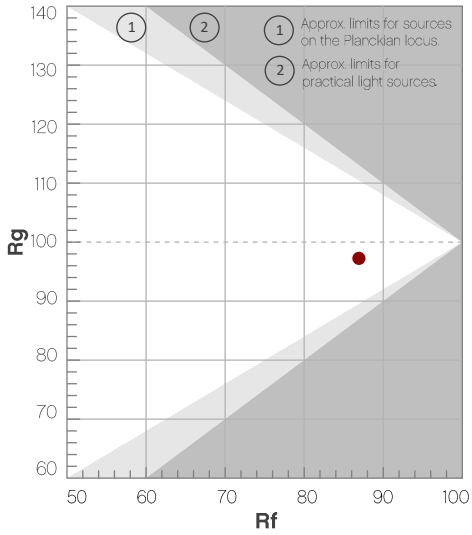
Maverick MK3 Profile CX: 50% Zoom, Full Power

TM-30-18 Details

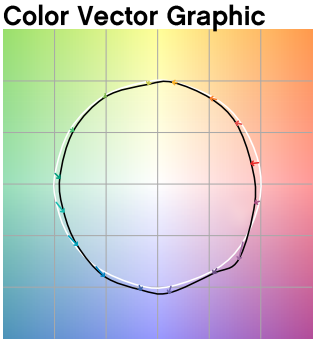
Rf 86.9
Fidelity Index (Rg)

Rg 97.3
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	84	-7%	1%
2	89	-4%	4%
3	87	-2%	6%
4	90	0%	4%
5	89	-3%	1%
6	95	-2%	-1%
7	93	-3%	0%
8	88	-5%	3%
9	85	-5%	11%
10	78	-2%	12%
11	78	3%	12%
12	92	4%	2%
13	90	6%	-3%
14	89	2%	-5%
15	78	6%	-16%
16	91	-4%	-2%

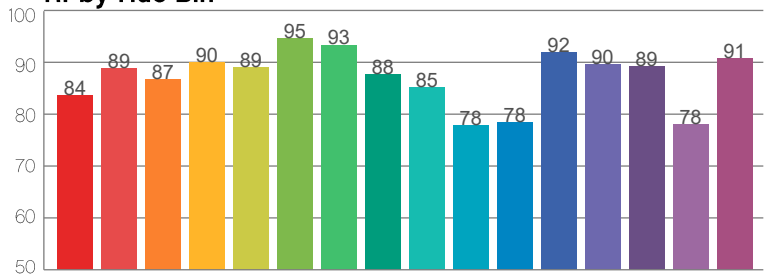


Color Vector Graphic

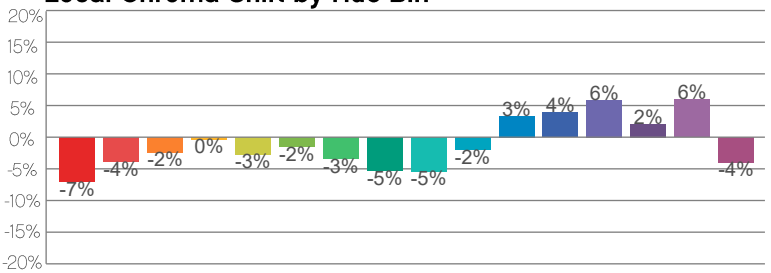


Color Distortion Graphic

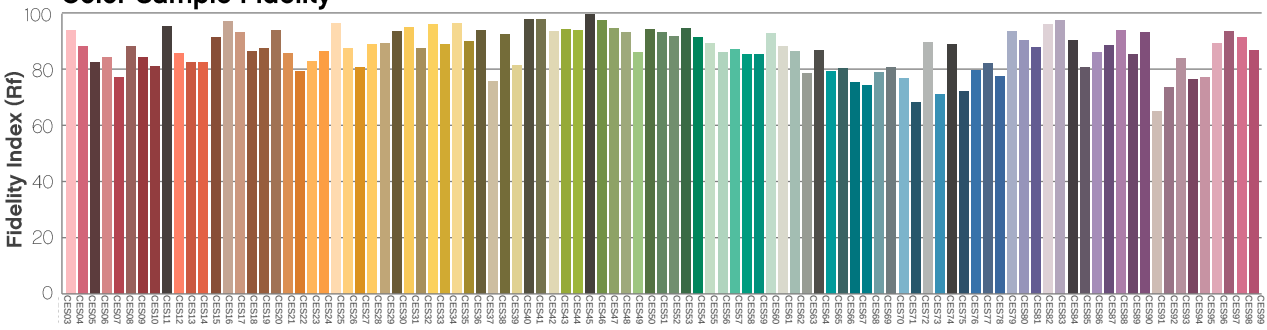
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.