

MAVERICK STORM

2 PROFILE M

PHOTOMETRICS REPORT



CHAUVET
PROFESSIONAL

Table of Contents

Introduction.....	1
Testing Process.....	1
Total Illuminance Measurements	1
Testing Lab Equipment and Process	1
Photometrics & Chromaticity Reports	2
Full Flood - Full Power	3
Report Summary	3
Overall Measurement.....	3
Beam Details.....	4
ISO Diagrams	5
Chromaticity.....	6
TM-30 Details	7
Full Spot - Full Power	8
Report Summary	8
Overall Measurement.....	8
Beam Details.....	9
ISO Diagrams	10
Chromaticity.....	11
TM-30 Details	12
50% Zoom - Full Power	13
Report Summary	13
Overall Measurement.....	13
Beam Details.....	14
ISO Diagrams	15
Chromaticity.....	16
TM-30 Details	17
50% Zoom - Full Power - w/Cyan.....	18
Report Summary	18
Overall Measurement.....	18
Beam Details.....	19
ISO Diagrams	20
Chromaticity.....	21
TM-30 Details	22

50% Zoom - Full Power - w/Magenta	23
Report Summary	23
Overall Measurement.....	23
Beam Details.....	24
ISO Diagrams	25
Chromaticity.....	26
TM-30 Details	27
50% Zoom - Full Power - w/Yellow	28
Report Summary	28
Overall Measurement.....	28
Beam Details.....	29
ISO Diagrams	30
Chromaticity.....	31
TM-30 Details	32
50% Zoom - Full Power - w/CRI	33
Report Summary	33
Overall Measurement.....	33
Beam Details.....	34
ISO Diagrams	35
Chromaticity.....	36
TM-30 Details	37
50% Zoom - Full Power - w/CTO	38
Report Summary	38
Overall Measurement.....	38
Beam Details.....	39
ISO Diagrams	40
Chromaticity.....	41
TM-30 Details	42
50% Zoom - Full Power - w/CTB	43
Report Summary	43
Overall Measurement.....	43
Beam Details.....	44
ISO Diagrams	45
Chromaticity.....	46
TM-30 Details	47

50% Zoom - Full Power - 3200K	48
Report Summary	48
Overall Measurement.....	48
Beam Details.....	49
ISO Diagrams	50
Chromaticity.....	51
TM-30 Details	52
50% Zoom - Full Power - 4000K	53
Report Summary	53
Overall Measurement.....	53
Beam Details.....	54
ISO Diagrams	55
Chromaticity.....	56
TM-30 Details	57
50% Zoom - Full Power - 5600K	58
Report Summary	58
Overall Measurement.....	58
Beam Details.....	59
ISO Diagrams	60
Chromaticity.....	61
TM-30 Details	62
Contact Us	63

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.

MAVERICK

STORM

2 PROFILE M

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Flood - Full Power

Report Summary

Measurements

Fixture Output: 29182 lm
Fixture Peak: 68608 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2744 lux
Color Temperature: 6981 K
CRI: 69.7 CRI R9 Value: -31.6
CQS: 69.6
TLCI: 47
TM-30 Rf: 70.3
TM-30 Rg: 95.1
Beam Angle (50%): 43.2°
Field Angle (10%): 54.2°
Cutoff Angle (3%): 56.1°

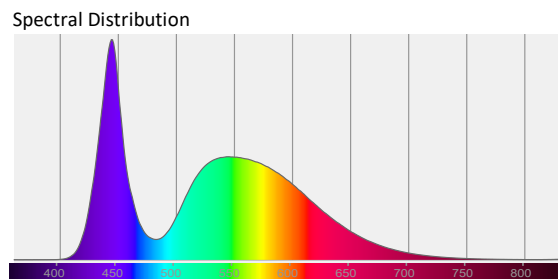
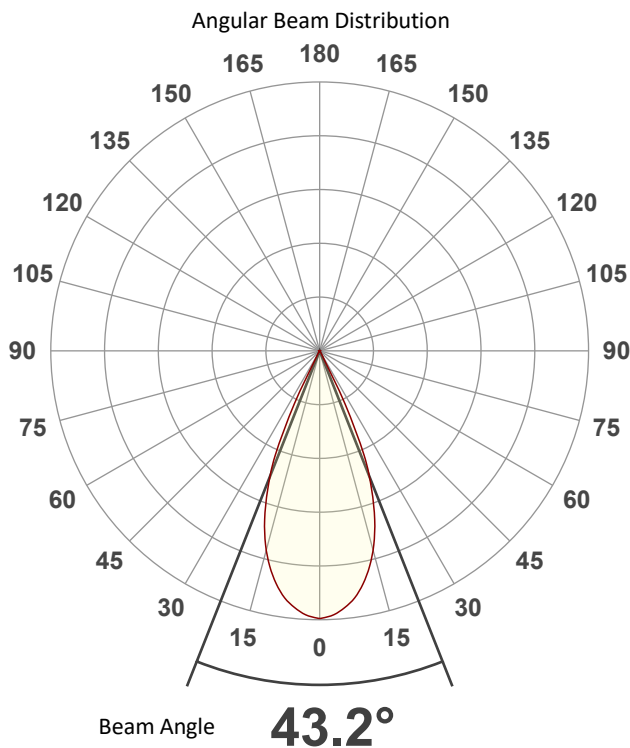


Conditions

AC Supply: 112 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

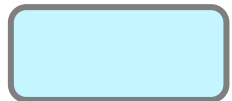
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.322



Light Quality

CRI: 69.7

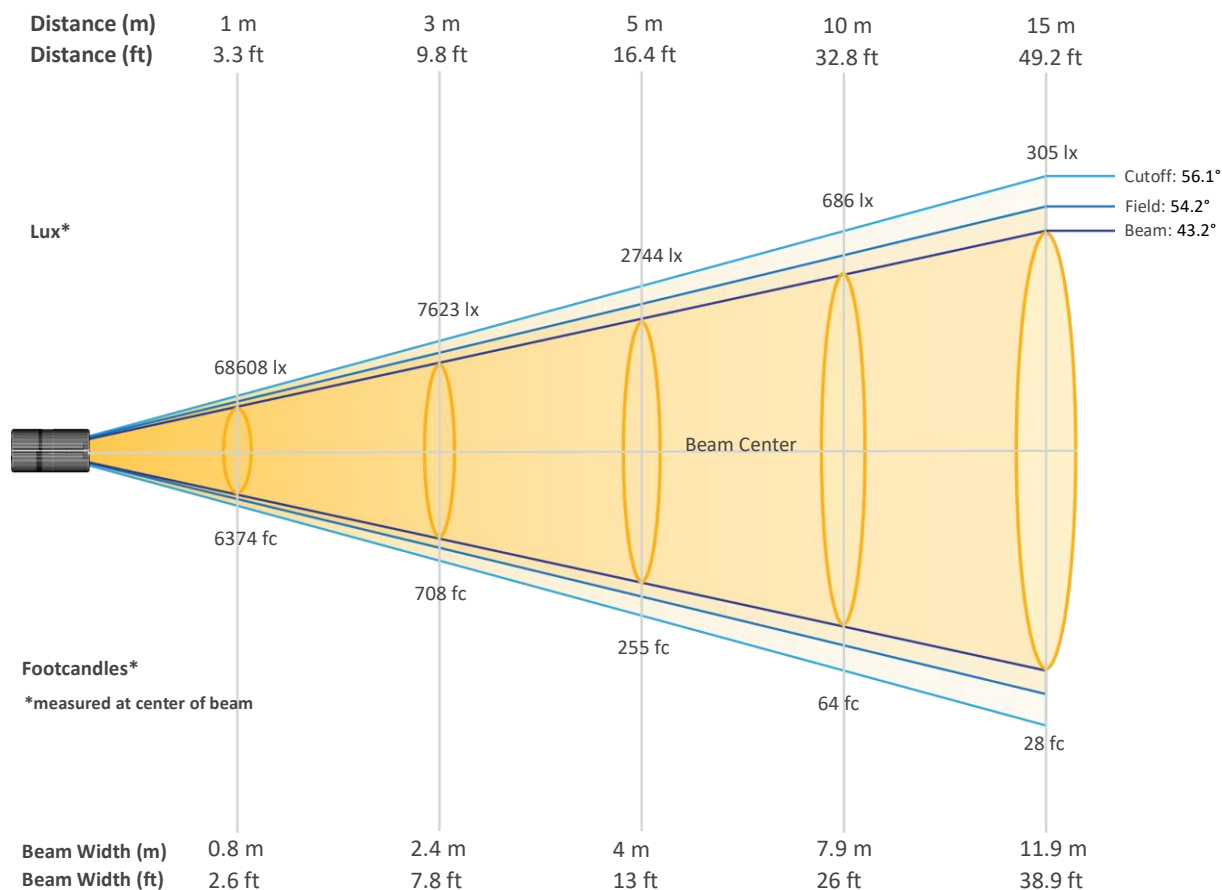
Color Temperature

6981 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Flood - Full Power

Beam Details

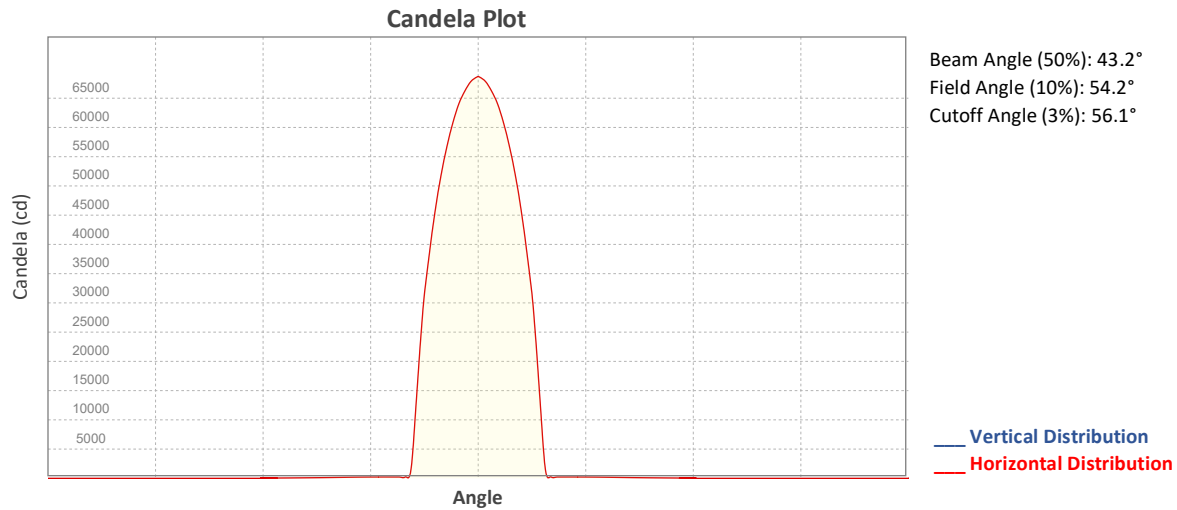


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	68608	17152	7623	4288	2744	1906	1400	1072	847	686
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	567	476	406	350	305	268	237	212	190	172
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6374	1593	708	398	255	177	130	100	79	64
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	53	44	38	33	28	25	22	20	18	16

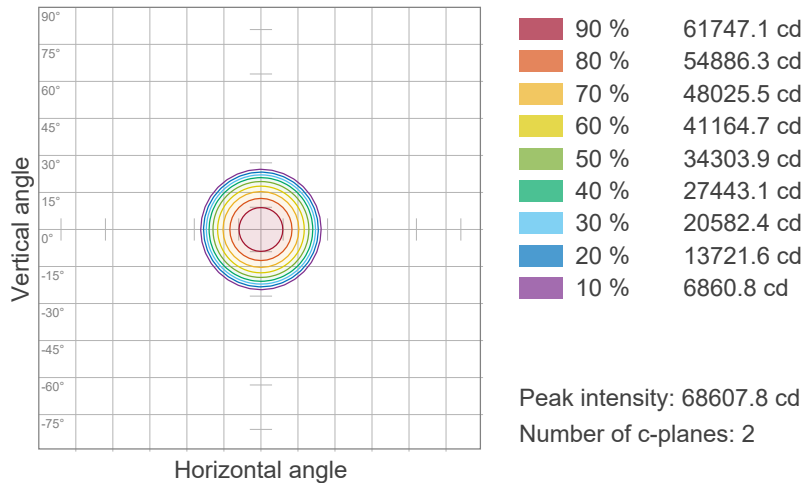
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Flood - Full Power

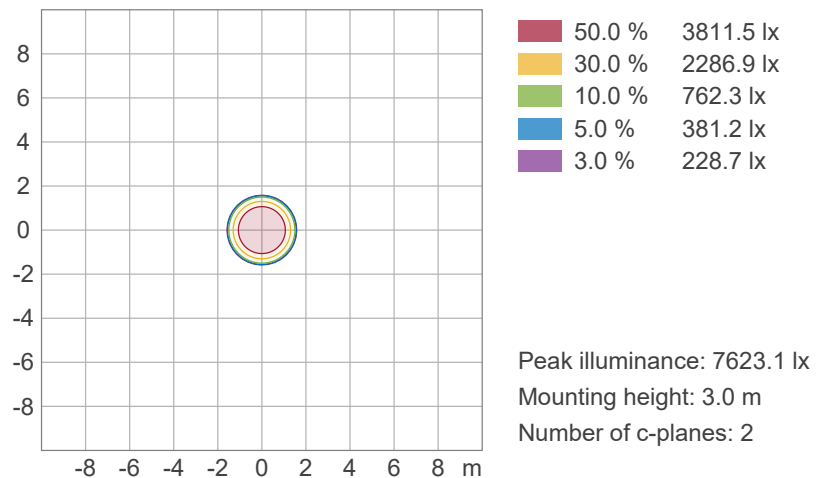


ISO Diagrams

ISO Candela Diagram



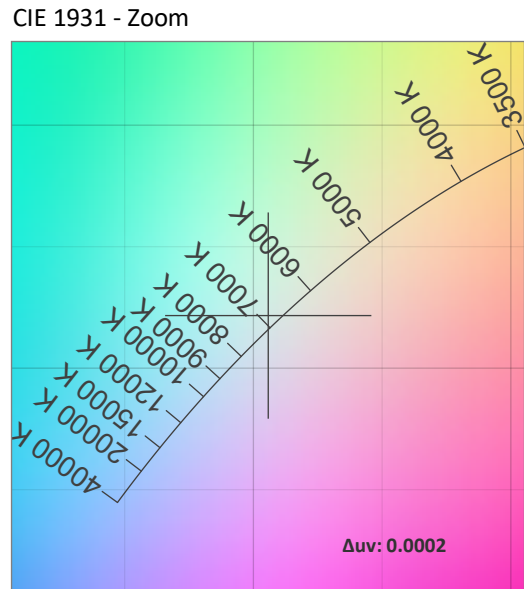
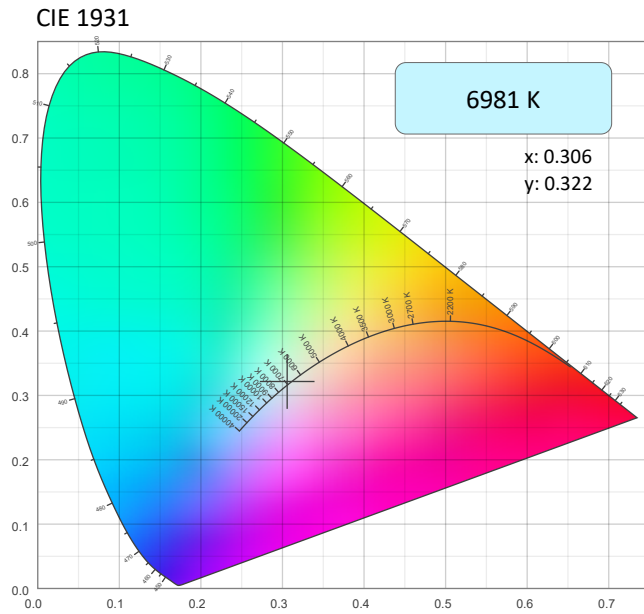
ISO Lux Diagram



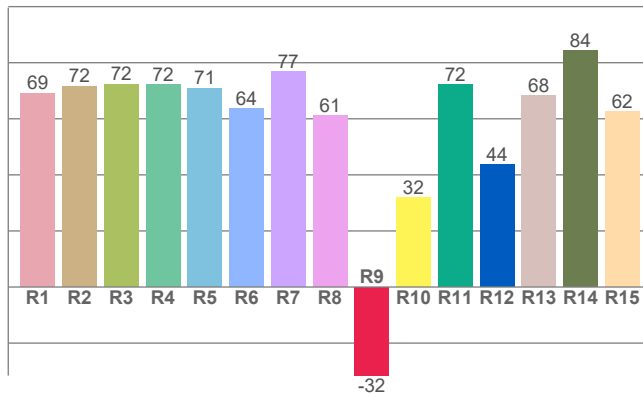
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Flood - Full Power

Chromaticity



CRI: 69.7 (R1-R8)

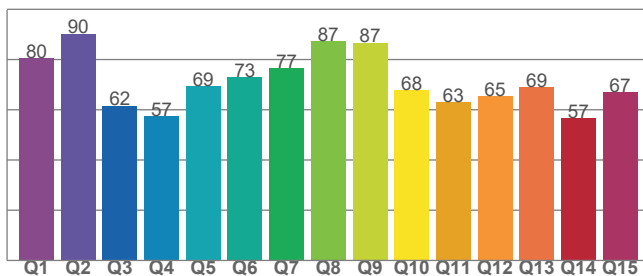


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6981 K	0.306	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.322	0.196

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	-31.6	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.3	95.1

Photometric & Chromaticity Report

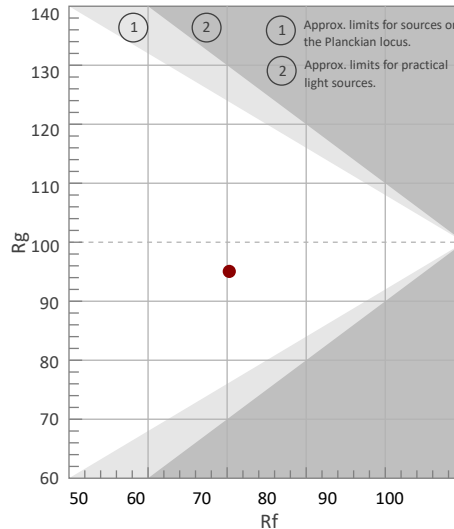
Maverick Storm 2 Profile M: Full Flood - Full Power

TM-30 Details

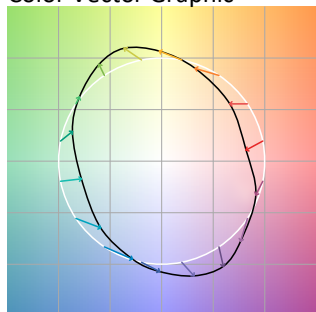
Rf 70.3
Fidelity Index
(Rg)

Rg 95.1
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	63	-7%	23%
4	63	4%	23%
5	69	14%	14%
6	81	12%	-2%
7	89	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	78	18%	-7%
15	71	7%	-22%
16	75	-4%	-14%



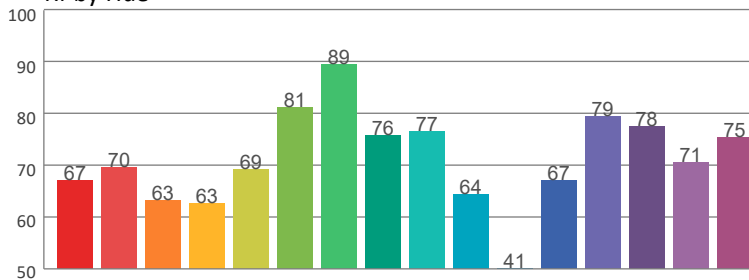
Color Vector Graphic



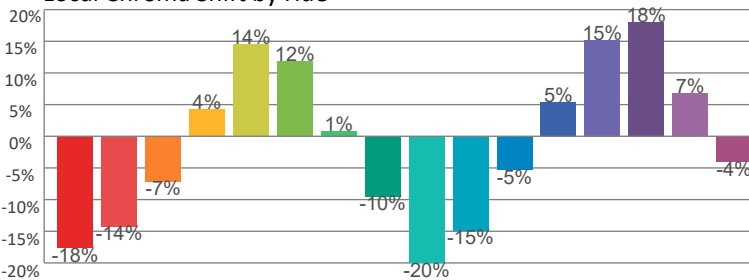
Color Distortion Graphic



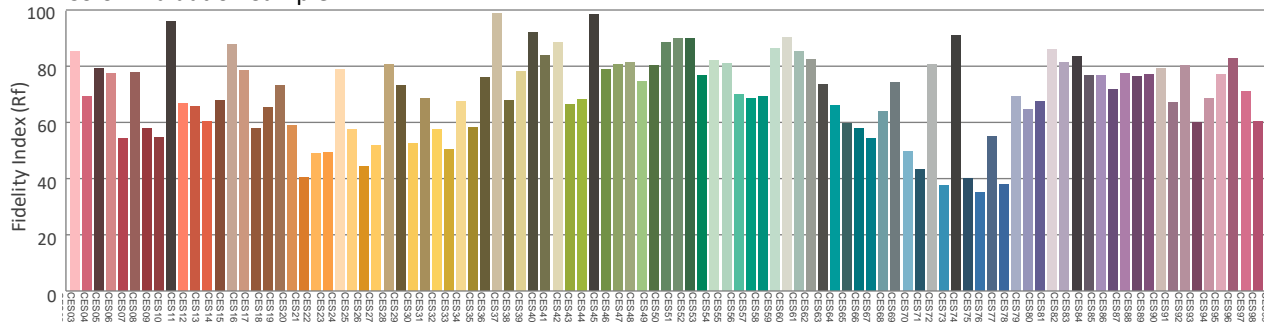
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 15250 lm
Fixture Peak: 1857059 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 74282 lux
Color Temperature: 6995 K
CRI: 70.0 CRI R9 Value: -29.5
CQS: 69.6
TLCI: 48
TM-30 Rf: 70.3
TM-30 Rg: 95.3
Beam Angle (50%): 5.8°
Field Angle (10%): 7.2°
Cutoff Angle (3%): 7.7°

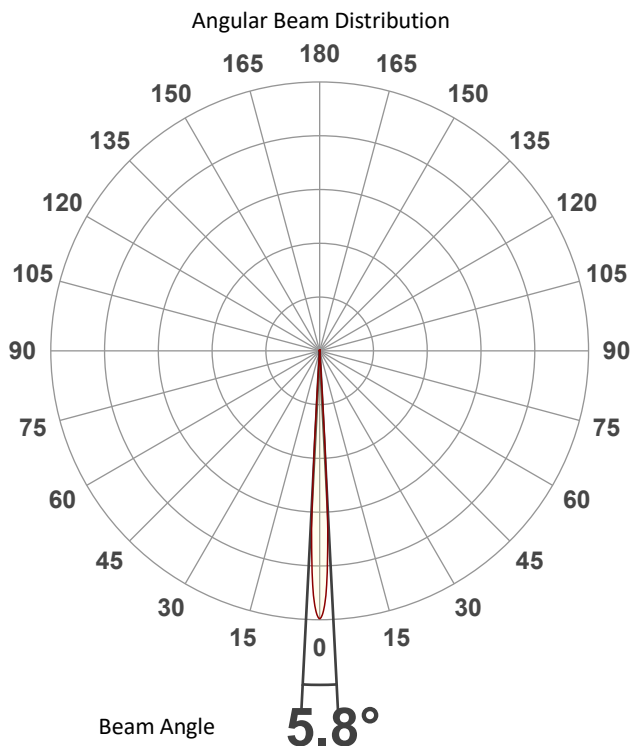


Conditions

AC Supply: 112 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.306
Y: 0.320

Light Quality
CRI: 70.0

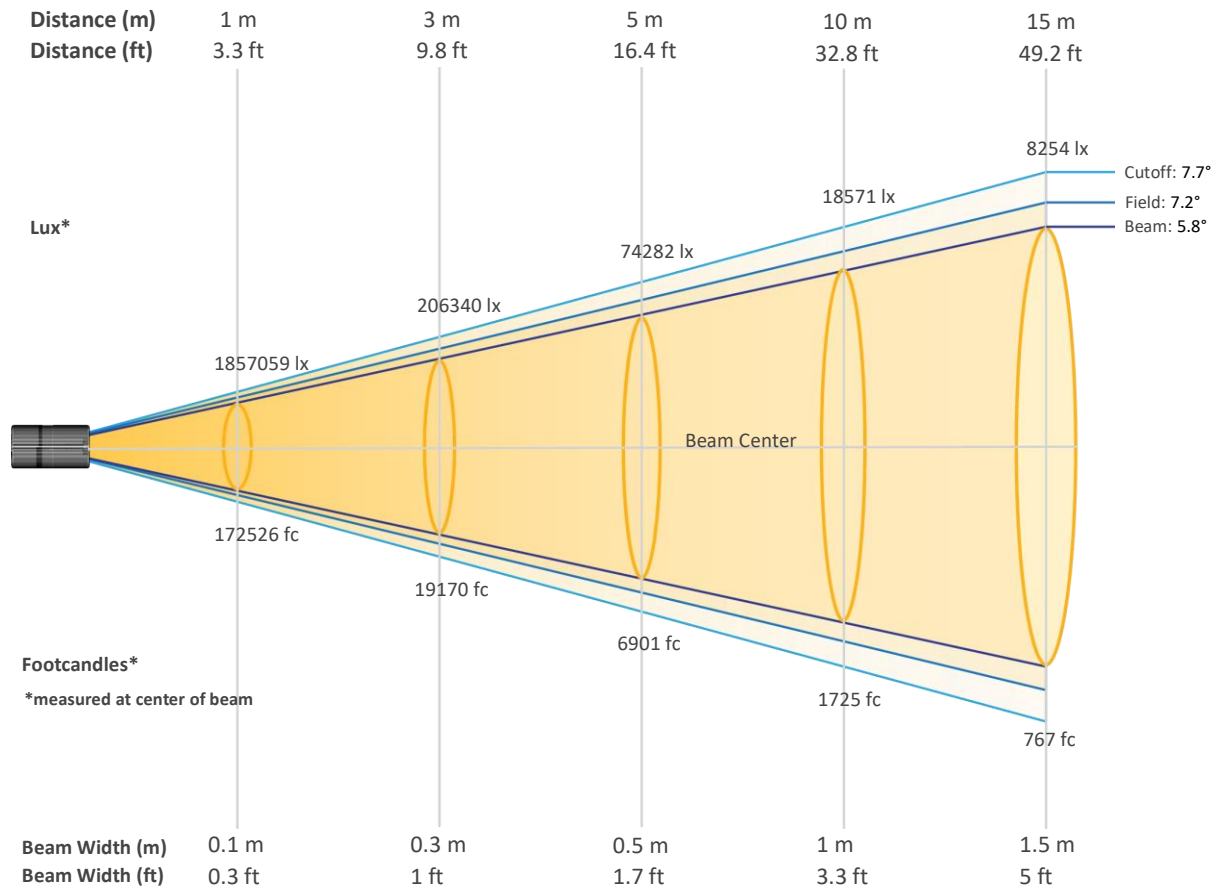
Color Temperature
6995 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Spot - Full Power

Beam Details

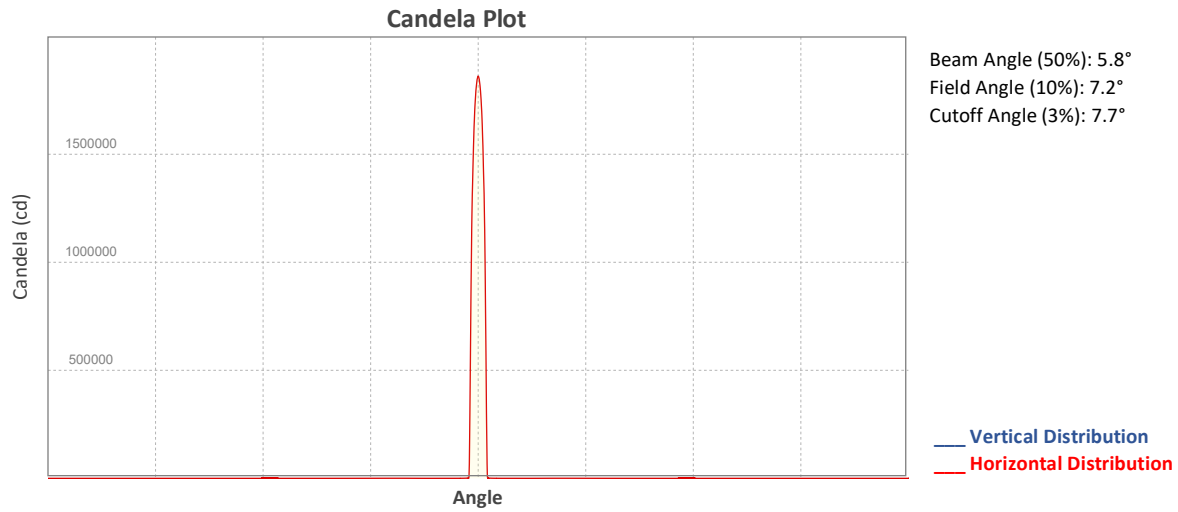


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1857059	464265	206340	116066	74282	51585	37899	29017	22927	18571
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	15348	12896	10989	9475	8254	7254	6426	5732	5144	4643
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	172526	43132	19170	10783	6901	4792	3521	2696	2130	1725
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1426	1198	1021	880	767	674	597	532	478	431

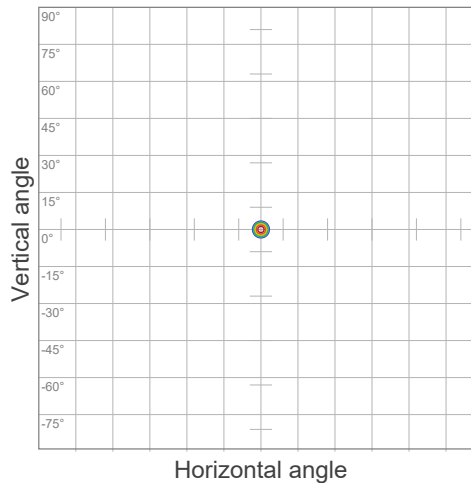
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: Full Spot - Full Power



ISO Diagrams

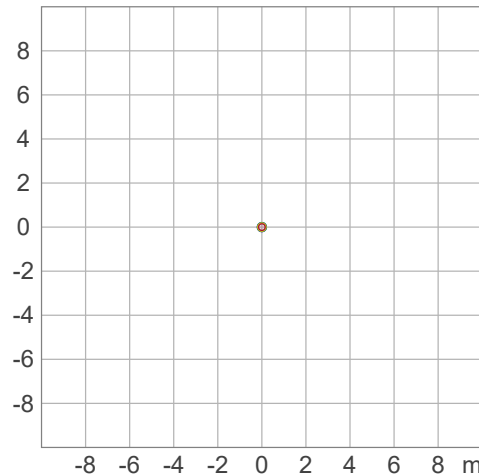
ISO Candela Diagram



90 %	1671353.0 cd
80 %	1485647.0 cd
70 %	1299941.0 cd
60 %	1114235.0 cd
50 %	928529.4 cd
40 %	742823.5 cd
30 %	557117.6 cd
20 %	371411.8 cd
10 %	185705.9 cd

Peak intensity: 1857059.0 cd
 Number of c-planes: 2

ISO Lux Diagram



50.0 %	103169.9 lx
30.0 %	61902.0 lx
10.0 %	20634.0 lx
5.0 %	10317.0 lx
3.0 %	6190.2 lx

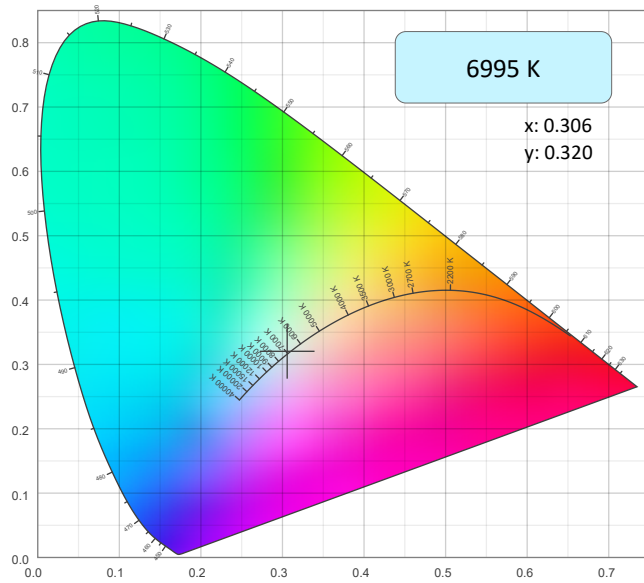
Peak illuminance: 206339.9 lx
 Mounting height: 3.0 m
 Number of c-planes: 2

Photometric & Chromaticity Report

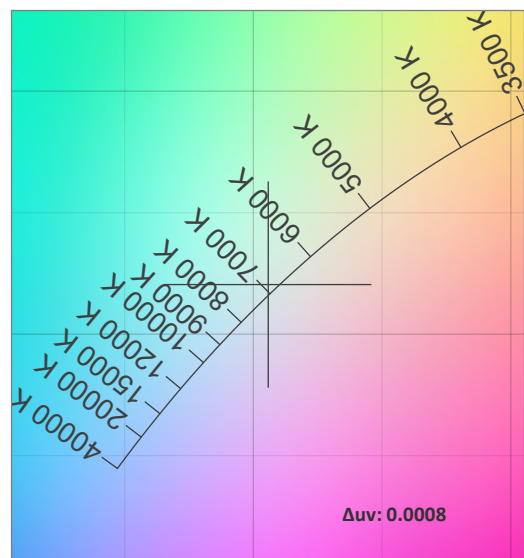
Maverick Storm 2 Profile M: Full Spot - Full Power

Chromaticity

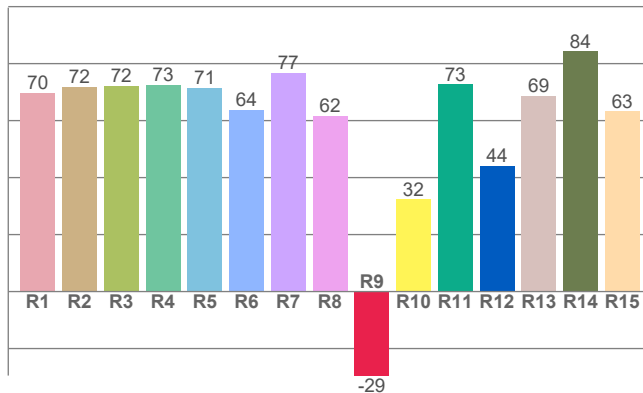
CIE 1931



CIE 1931 - Zoom



CRI: 70.0 (R1-R8)

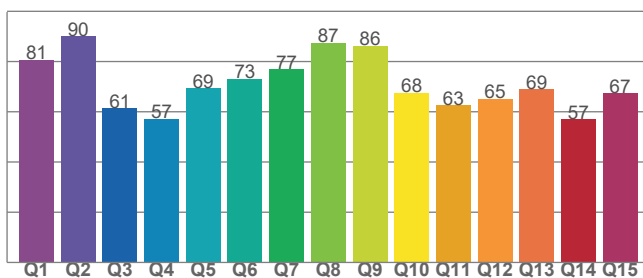


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6995 K	0.306	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0008	0.320	0.196

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.0	-29.5	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.3	95.3

Photometric & Chromaticity Report

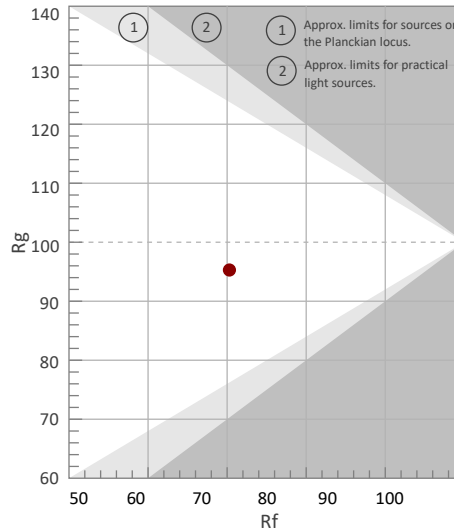
Maverick Storm 2 Profile M: Full Spot - Full Power

TM-30 Details

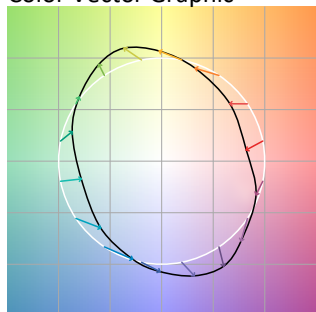
Rf 70.3
Fidelity Index (Rg)

Rg 95.3
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	70	-14%	10%
3	63	-7%	23%
4	62	4%	23%
5	69	15%	14%
6	81	12%	-1%
7	90	1%	-7%
8	76	-9%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	78	18%	-7%
15	71	7%	-22%
16	76	-4%	-14%



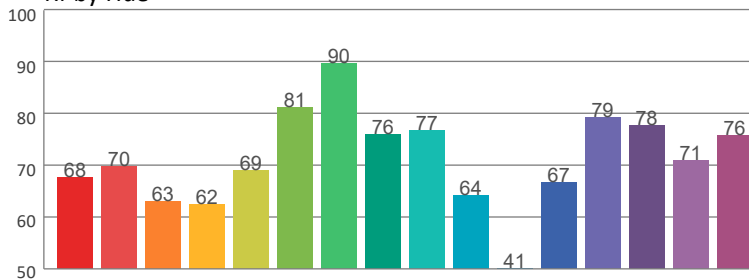
Color Vector Graphic



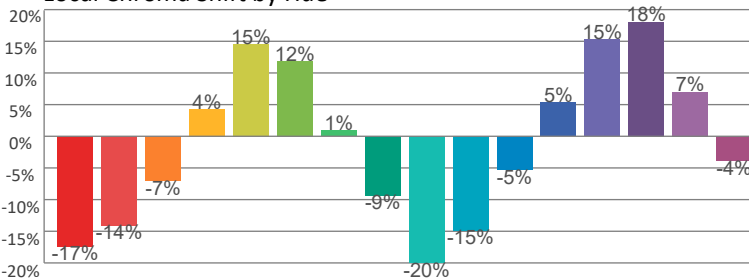
Color Distortion Graphic



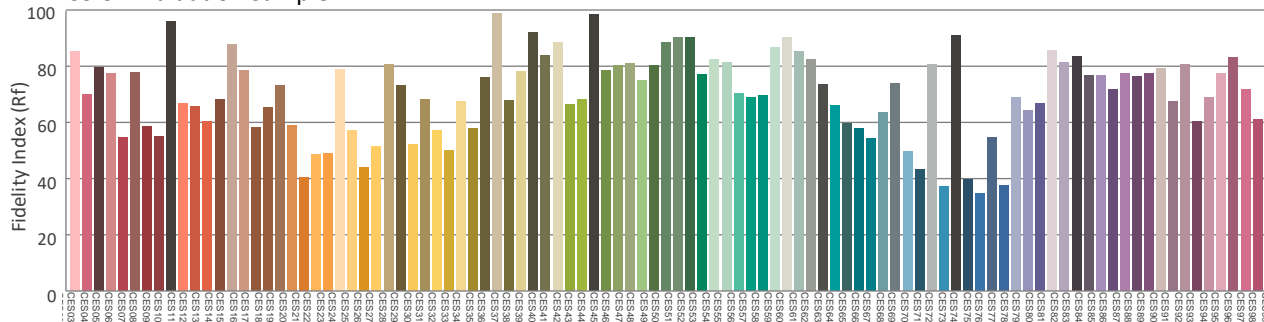
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power

Report Summary

Measurements

Fixture Output: 28861 lm
Fixture Peak: 443338 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 17734 lux
Color Temperature: 6934 K
CRI: 69.6 CRI R9 Value: -31.7
CQS: 69.6
TLCI: 47
TM-30 Rf: 70.2
TM-30 Rg: 95.5
Beam Angle (50%): 16.5°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 21.8°

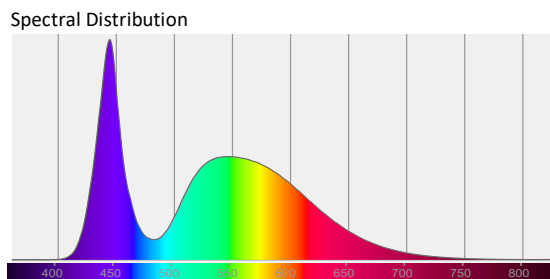
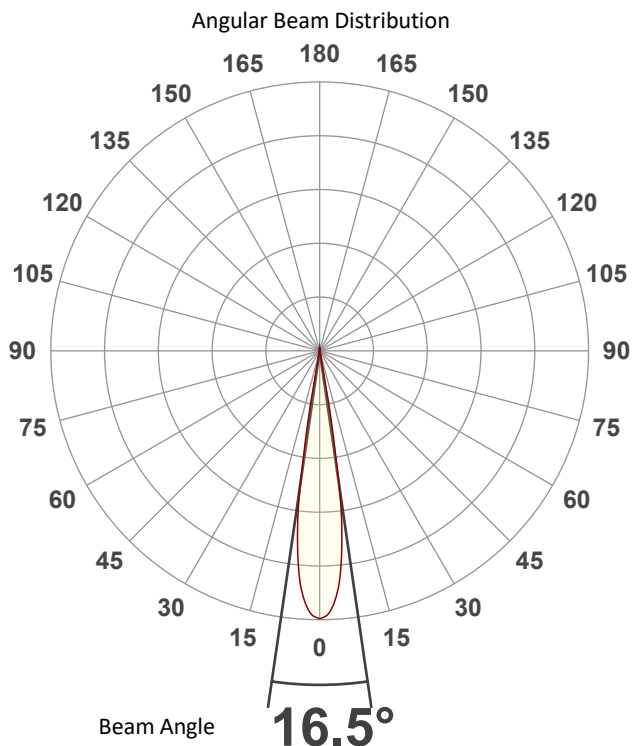


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

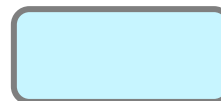
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.322



Light Quality

CRI: 69.6

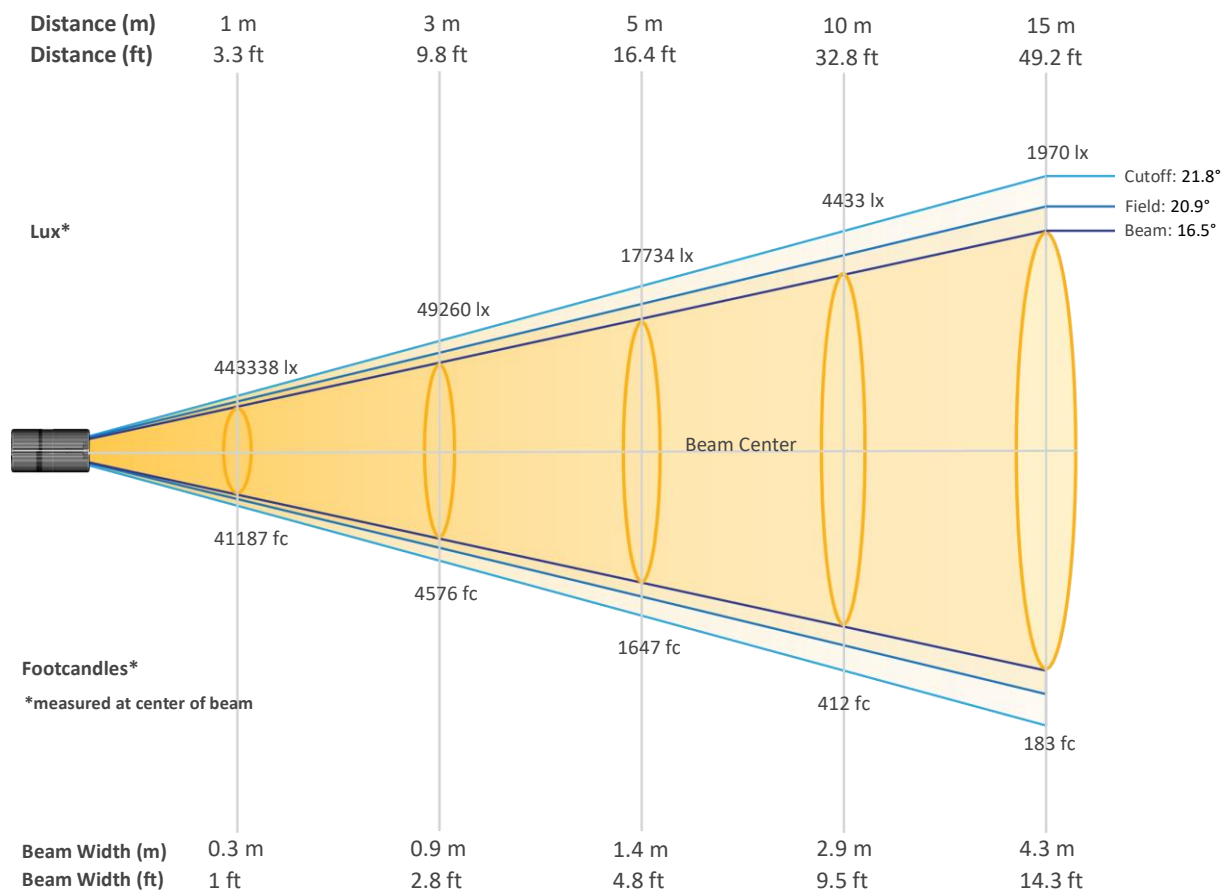
Color Temperature

6934 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power

Beam Details

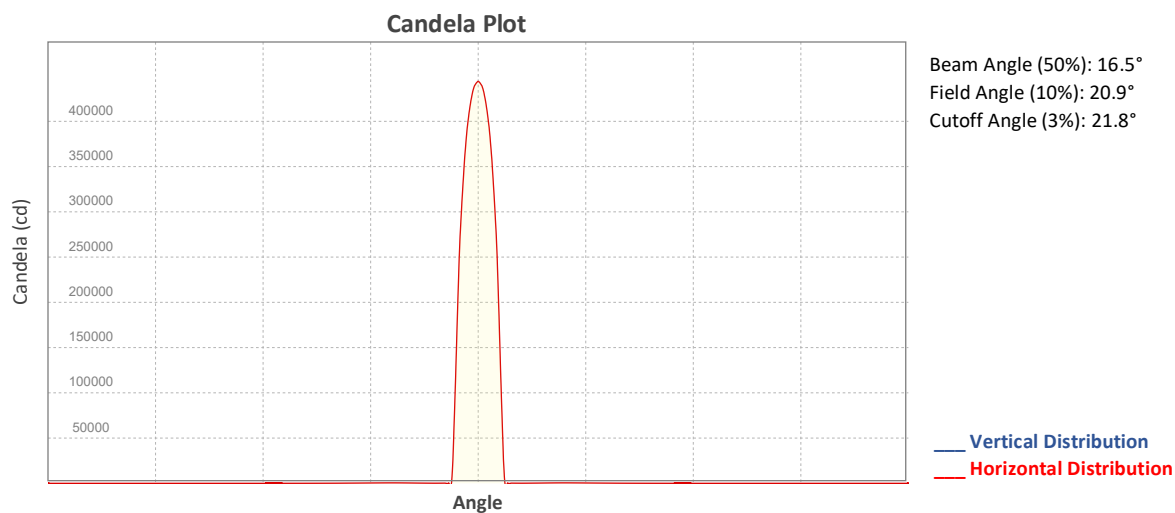


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	443338	110835	49260	27709	17734	12315	9048	6927	5473	4433
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3664	3079	2623	2262	1970	1732	1534	1368	1228	1108
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	41187	10297	4576	2574	1647	1144	841	644	508	412
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	340	286	244	210	183	161	143	127	114	103

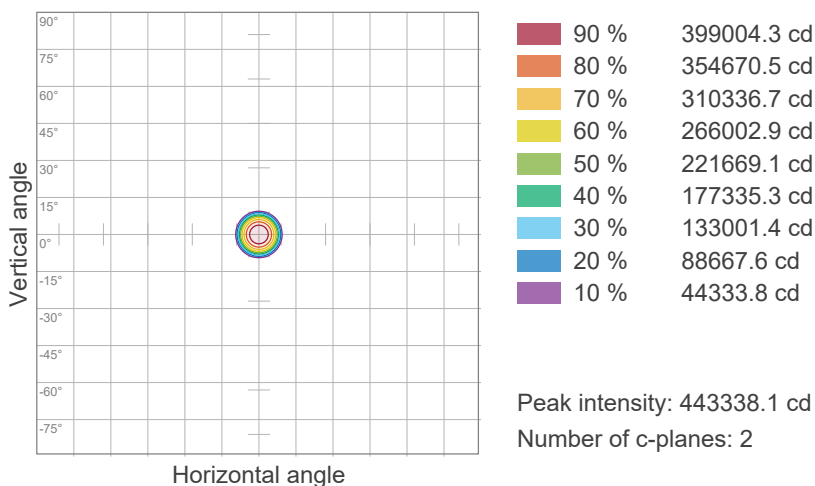
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power

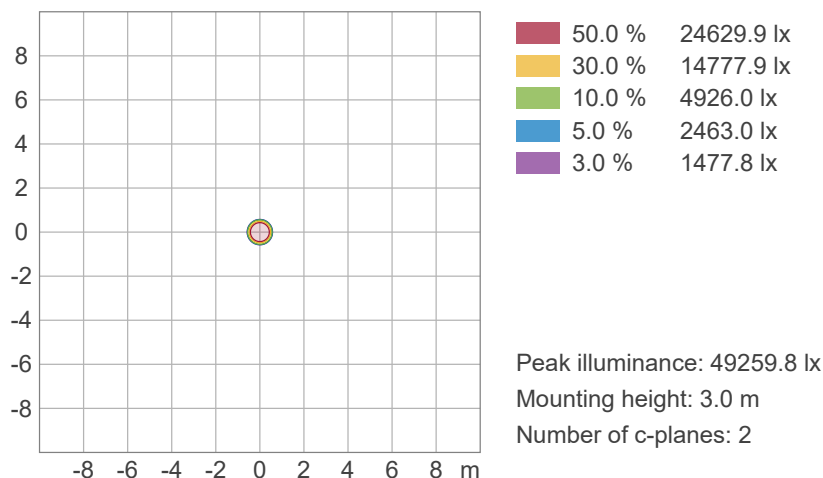


ISO Diagrams

ISO Candela Diagram



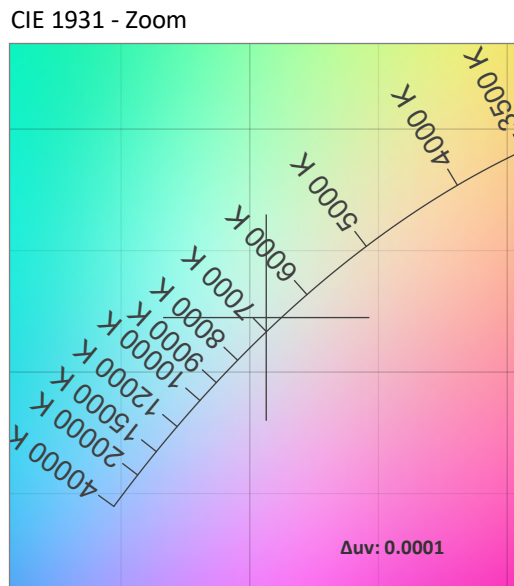
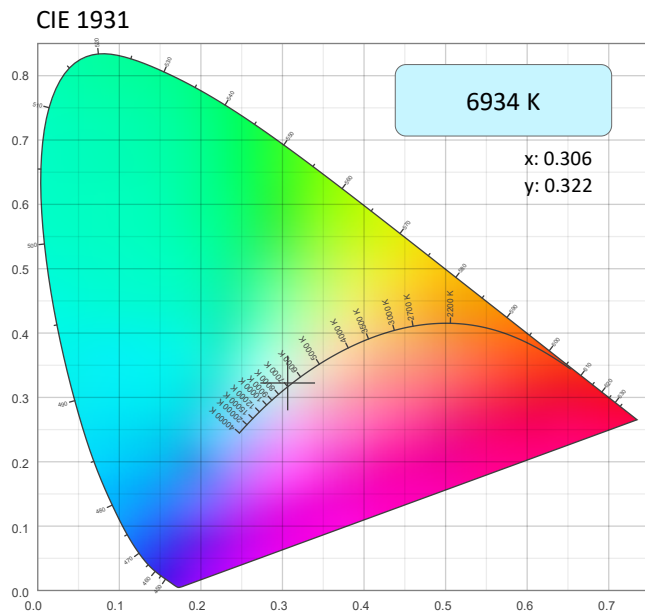
ISO Lux Diagram



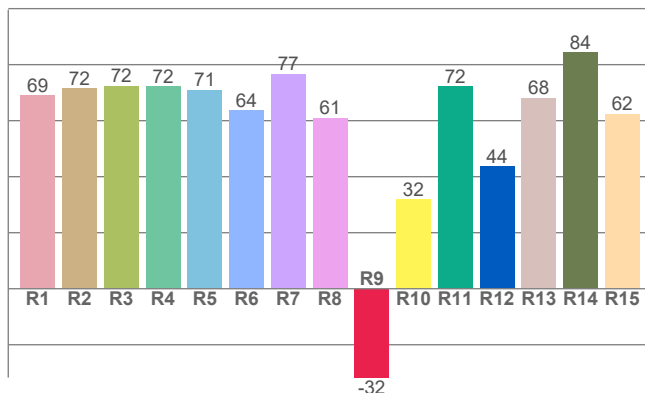
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power

Chromaticity



CRI: 69.6 (R1-R8)

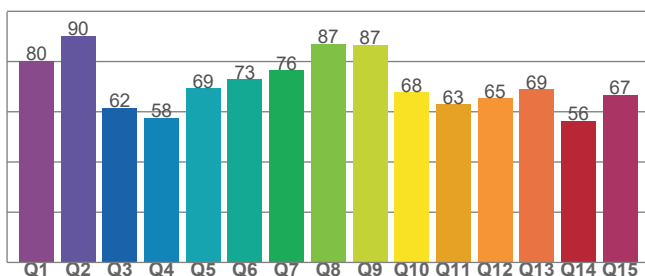


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6934 K	0.306	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.322	0.196

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.6	-31.7	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.2	95.5

Photometric & Chromaticity Report

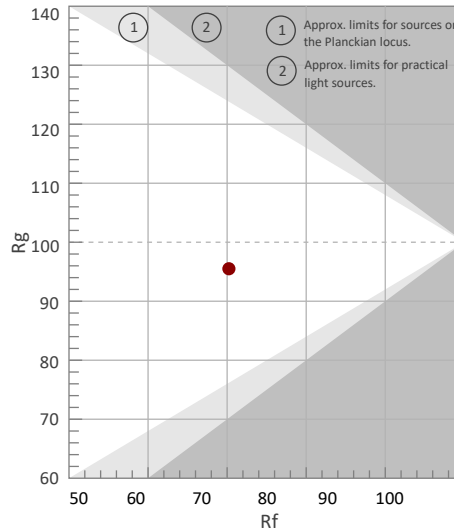
Maverick Storm 2 Profile M: 50% Zoom - Full Power

TM-30 Details

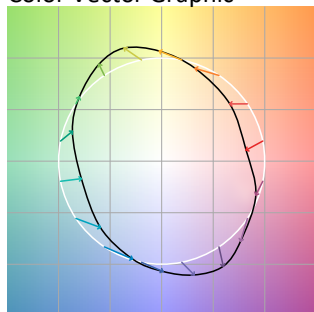
Rf 70.2
Fidelity Index (Rg)

Rg 95.5
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	63	-7%	23%
4	63	4%	23%
5	69	15%	14%
6	81	12%	-2%
7	89	1%	-7%
8	76	-9%	-11%
9	77	-20%	1%
10	62	-15%	21%
11	48	-5%	29%
12	67	5%	22%
13	78	14%	9%
14	78	18%	-7%
15	71	7%	-22%
16	75	-4%	-14%



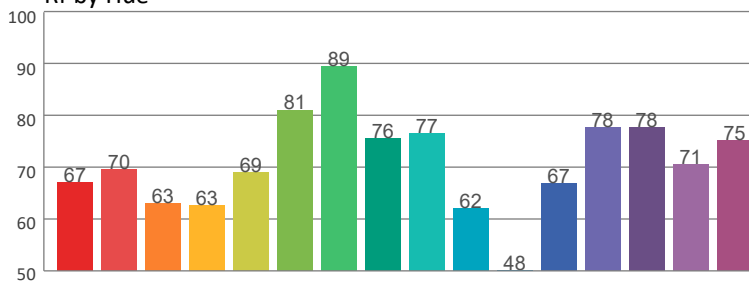
Color Vector Graphic



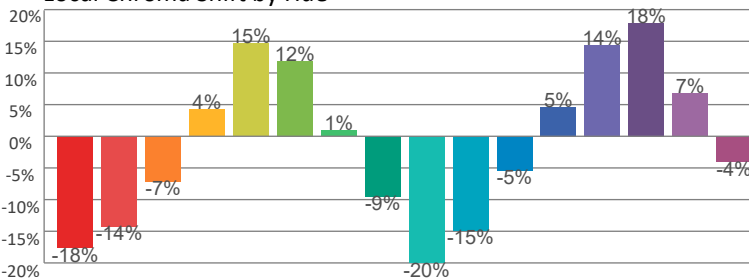
Color Distortion Graphic



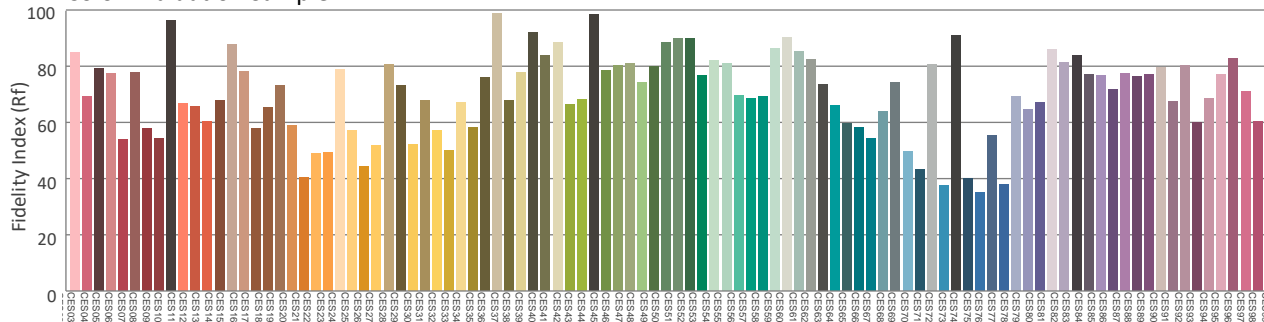
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Cyan

Report Summary

Measurements

Fixture Output: 6233 lm
Fixture Peak: 92924 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3717 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.8°
Field Angle (10%): 21°
Cutoff Angle (3%): 21.8°

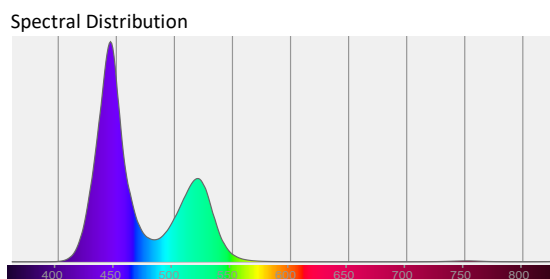
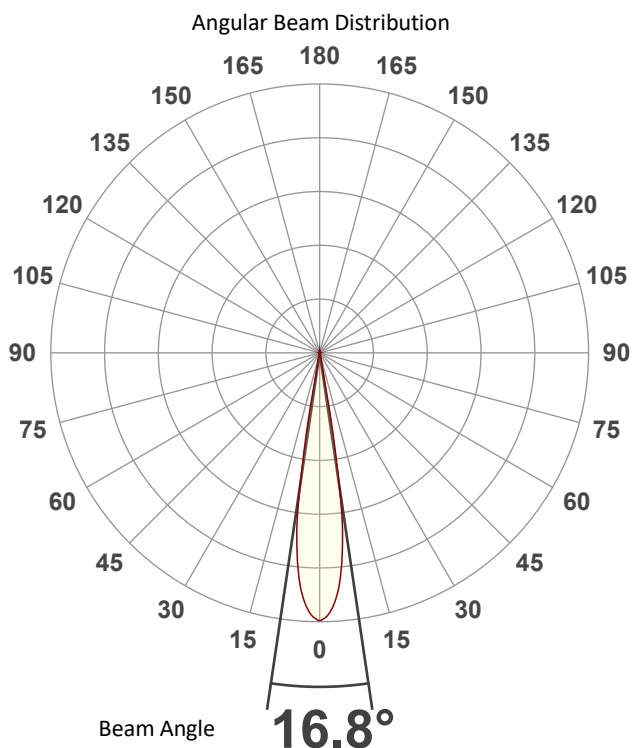


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

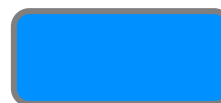
Overall Measurement



Tested Color (CIE 1931):

X: 0.148

Y: 0.151



Light Quality

CRI: 0.0

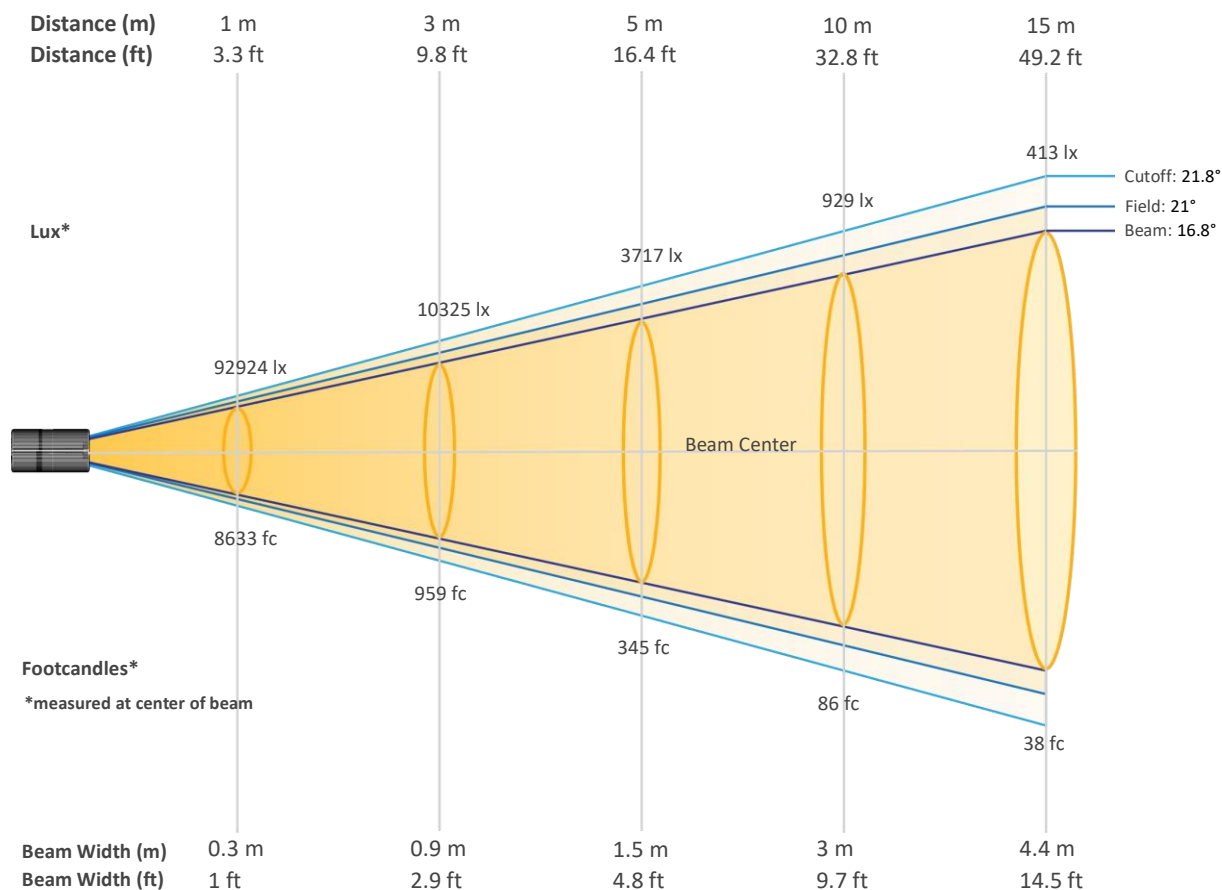
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Cyan

Beam Details

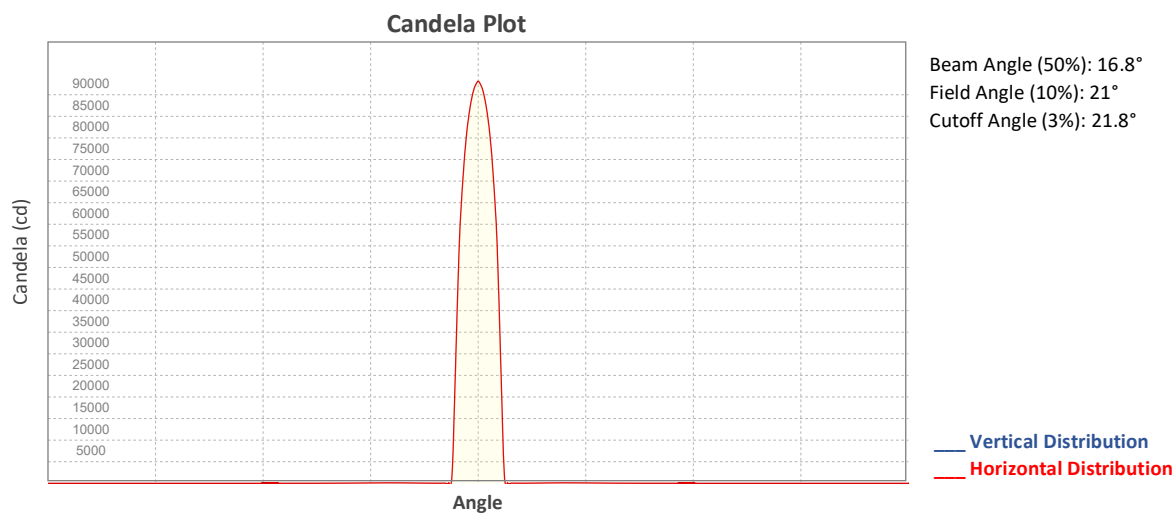


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	92924	23231	10325	5808	3717	2581	1896	1452	1147	929
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	768	645	550	474	413	363	322	287	257	232
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8633	2158	959	540	345	240	176	135	107	86
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	71	60	51	44	38	34	30	27	24	22

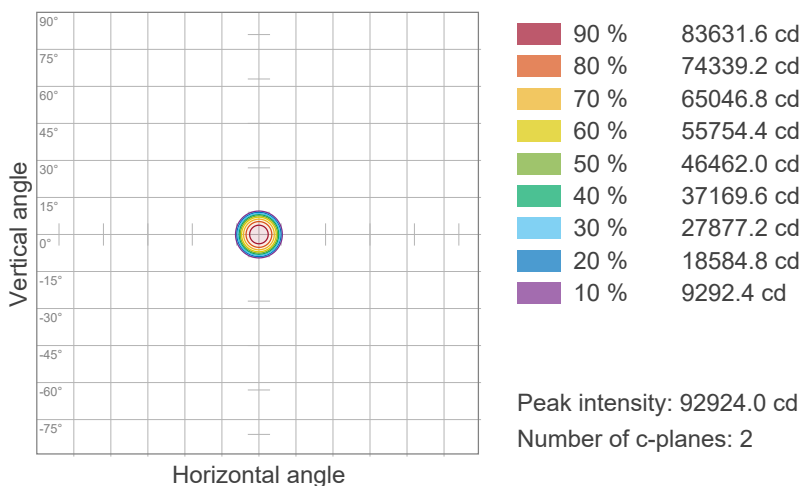
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Cyan

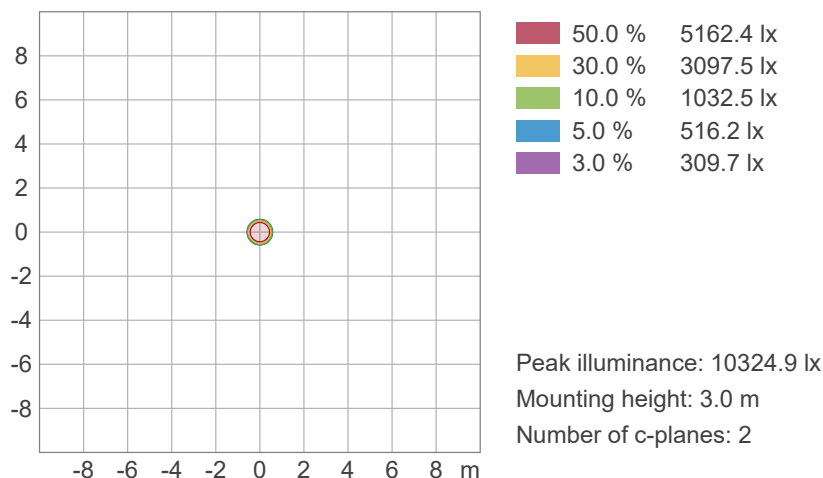


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

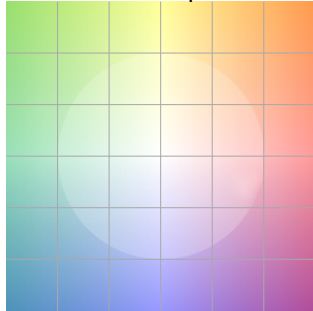
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Cyan

TM-30 Details

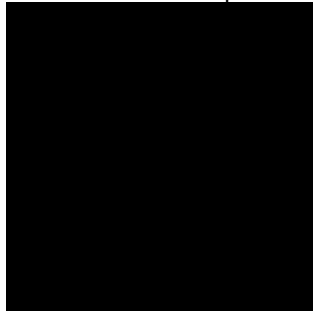
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

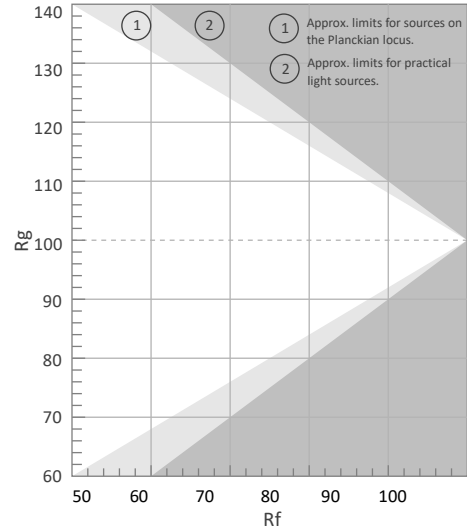
Color Vector Graphic



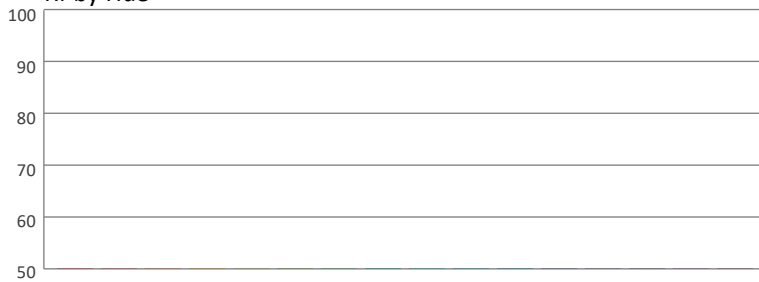
Color Distortion Graphic



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



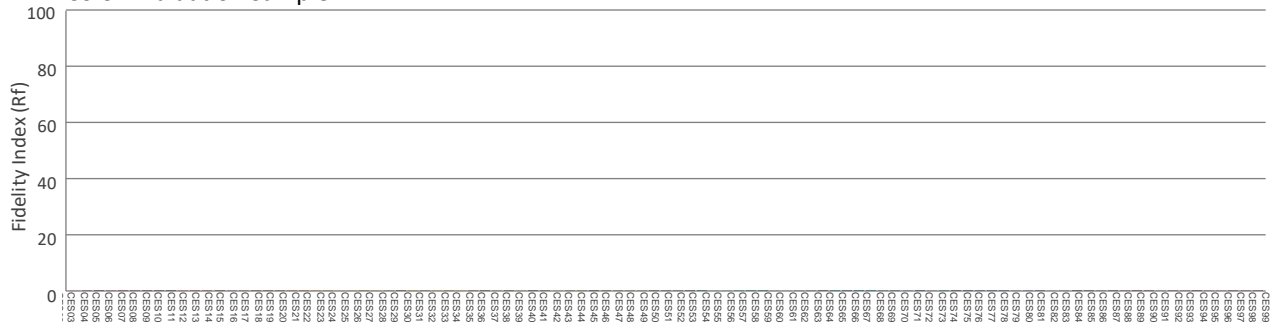
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Magenta

Report Summary

Measurements

Fixture Output: 1241 lm
Fixture Peak: 18670 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 747 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.4°
Field Angle (10%): 20.7°
Cutoff Angle (3%): 21.5°

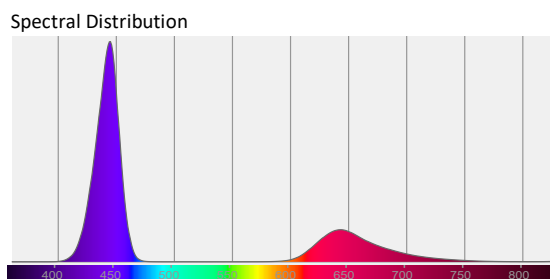
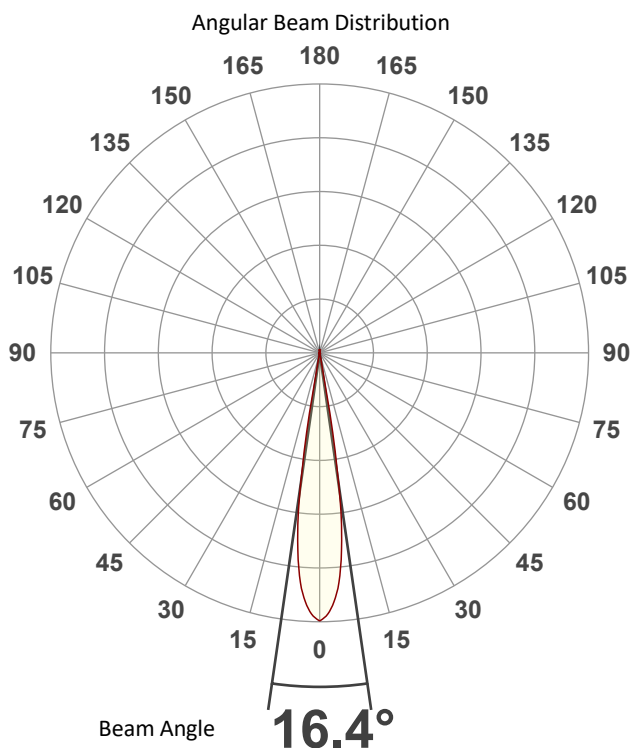


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.208

Y: 0.039



Light Quality

CRI: 0.0

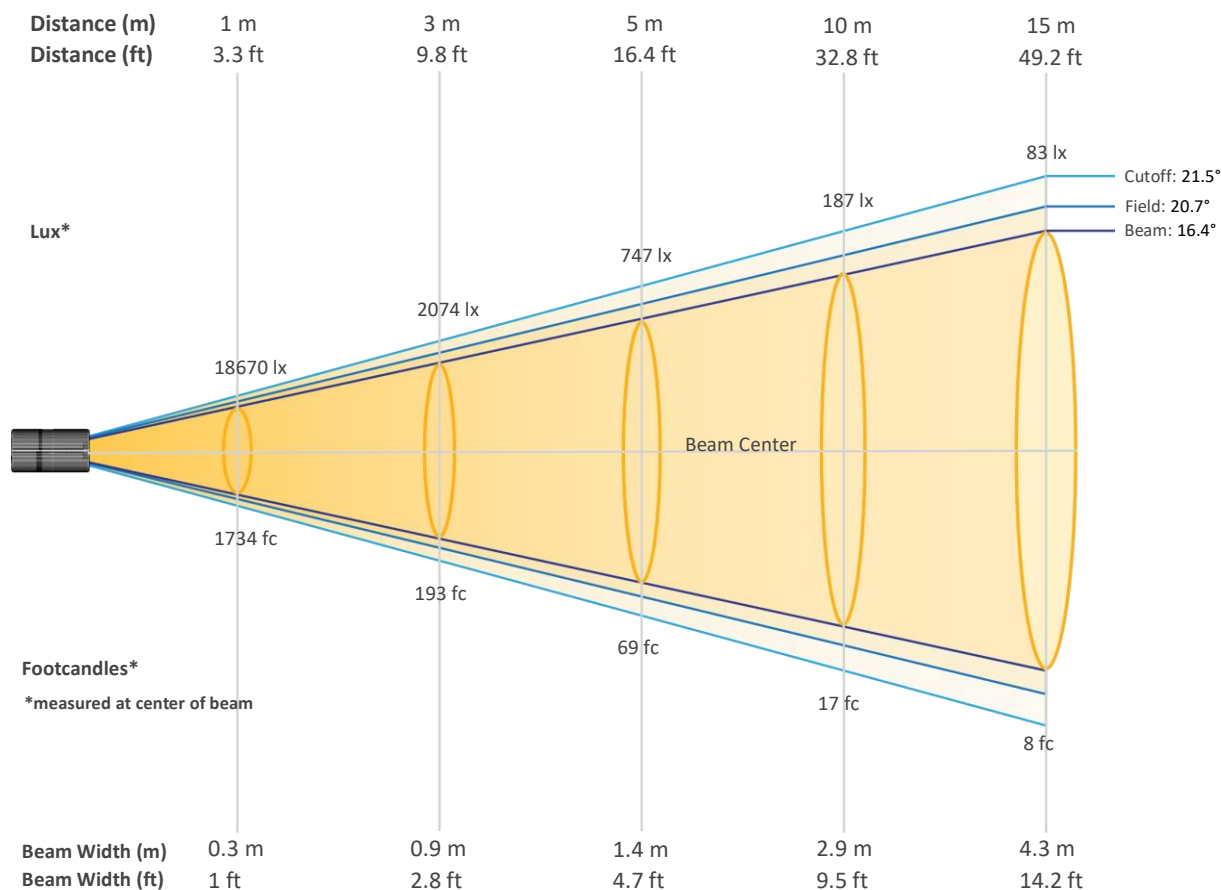
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Magenta

Beam Details

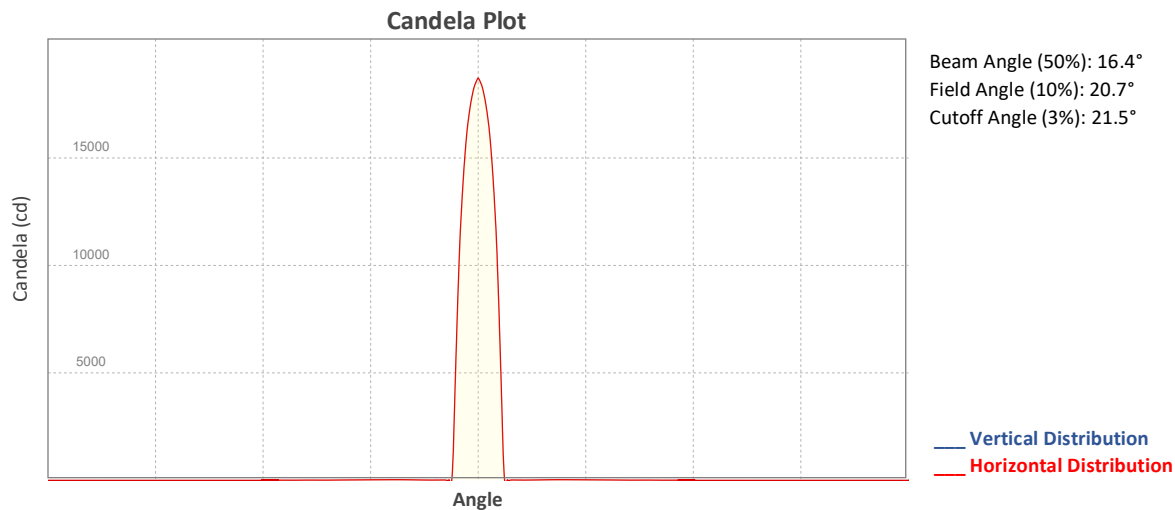


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18670	4667	2074	1167	747	519	381	292	230	187
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	154	130	110	95	83	73	65	58	52	47
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1734	434	193	108	69	48	35	27	21	17
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	14	12	10	9	8	7	6	5	5	4

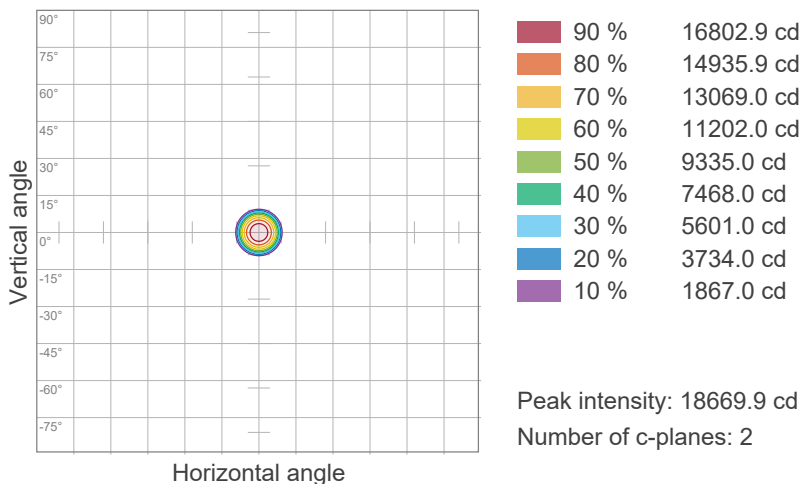
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Magenta

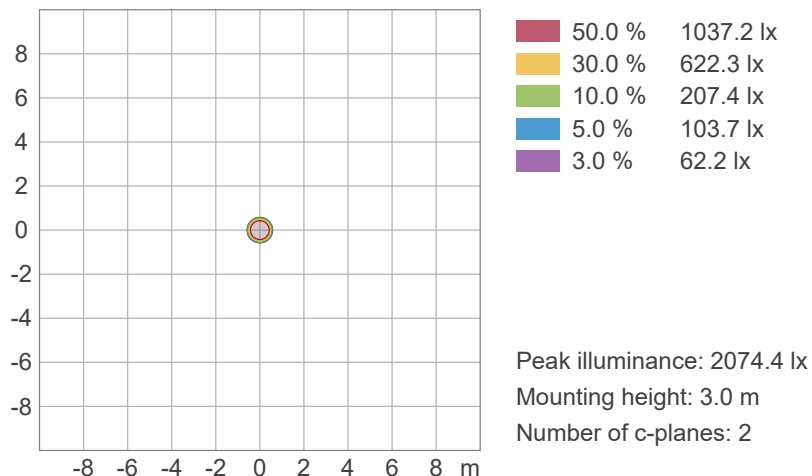


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

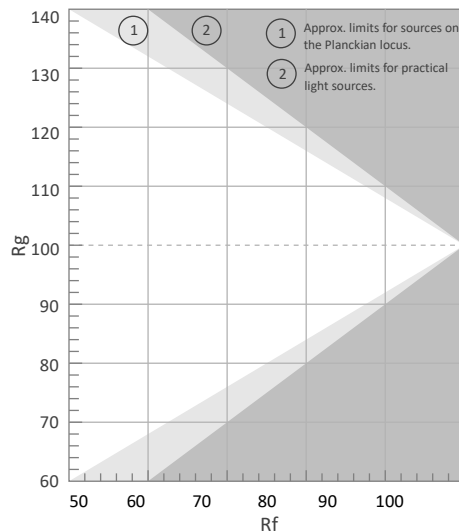
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Magenta

TM-30 Details

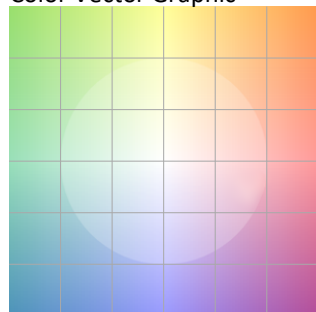
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



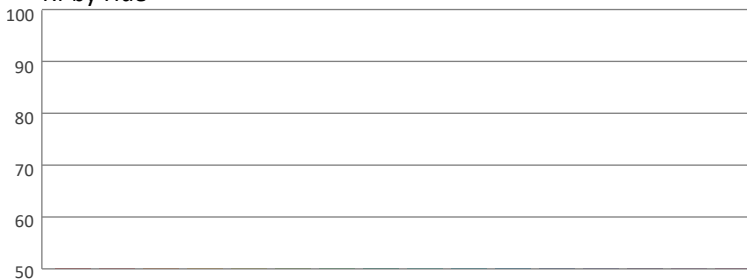
Color Vector Graphic



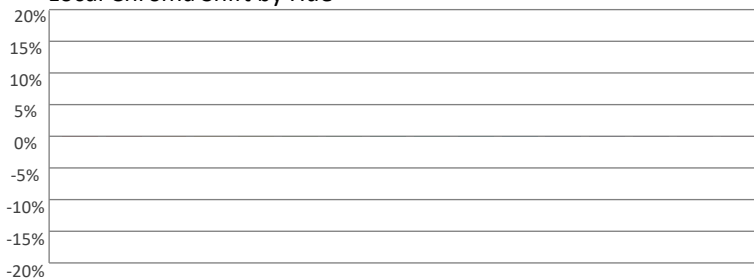
Color Distortion Graphic



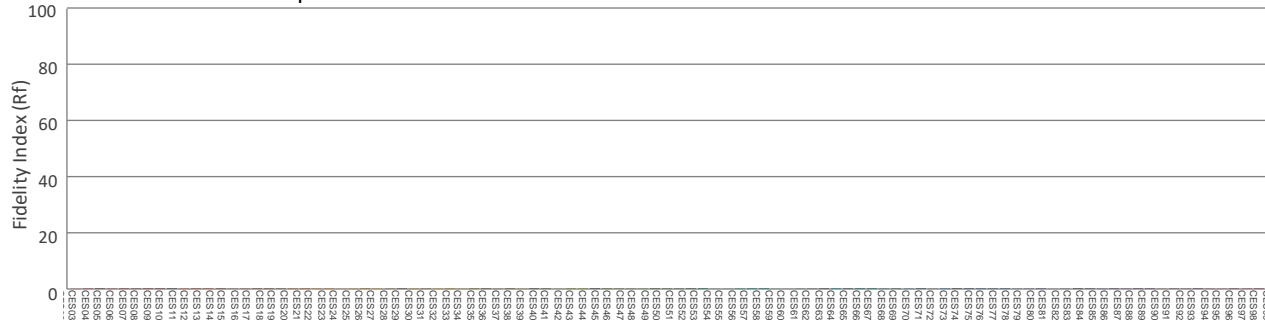
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Yellow

Report Summary

Measurements

Fixture Output: 21455 lm
Fixture Peak: 331757 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 13270 lux
Color Temperature: 3296 K
CRI: 27.9 CRI R9 Value: -115.1
CQS: 0.2
TLCI: 2
TM-30 Rf: 13.7
TM-30 Rg: 10.1
Beam Angle (50%): 16.5°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 21.8°

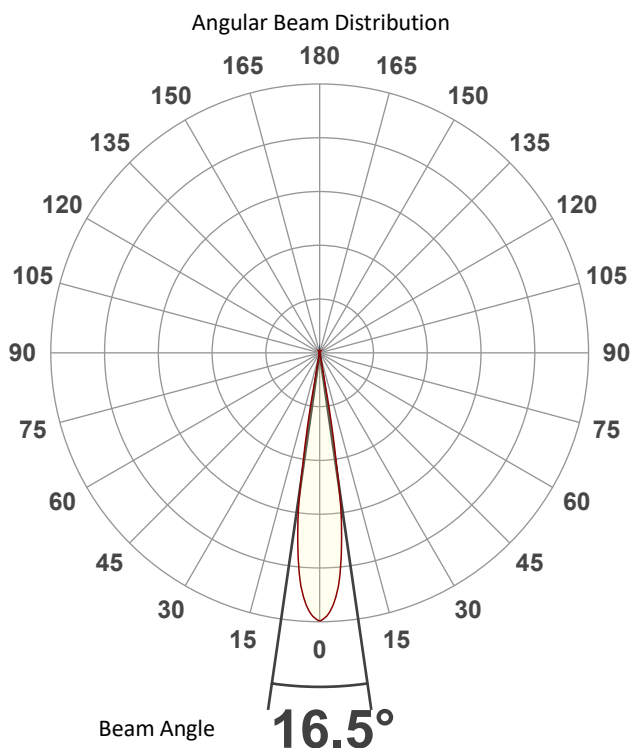


Conditions

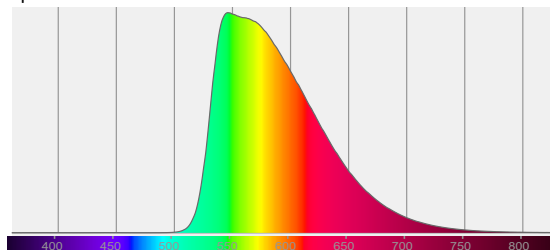
AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.471

Y: 0.523



Light Quality

CRI: 27.9

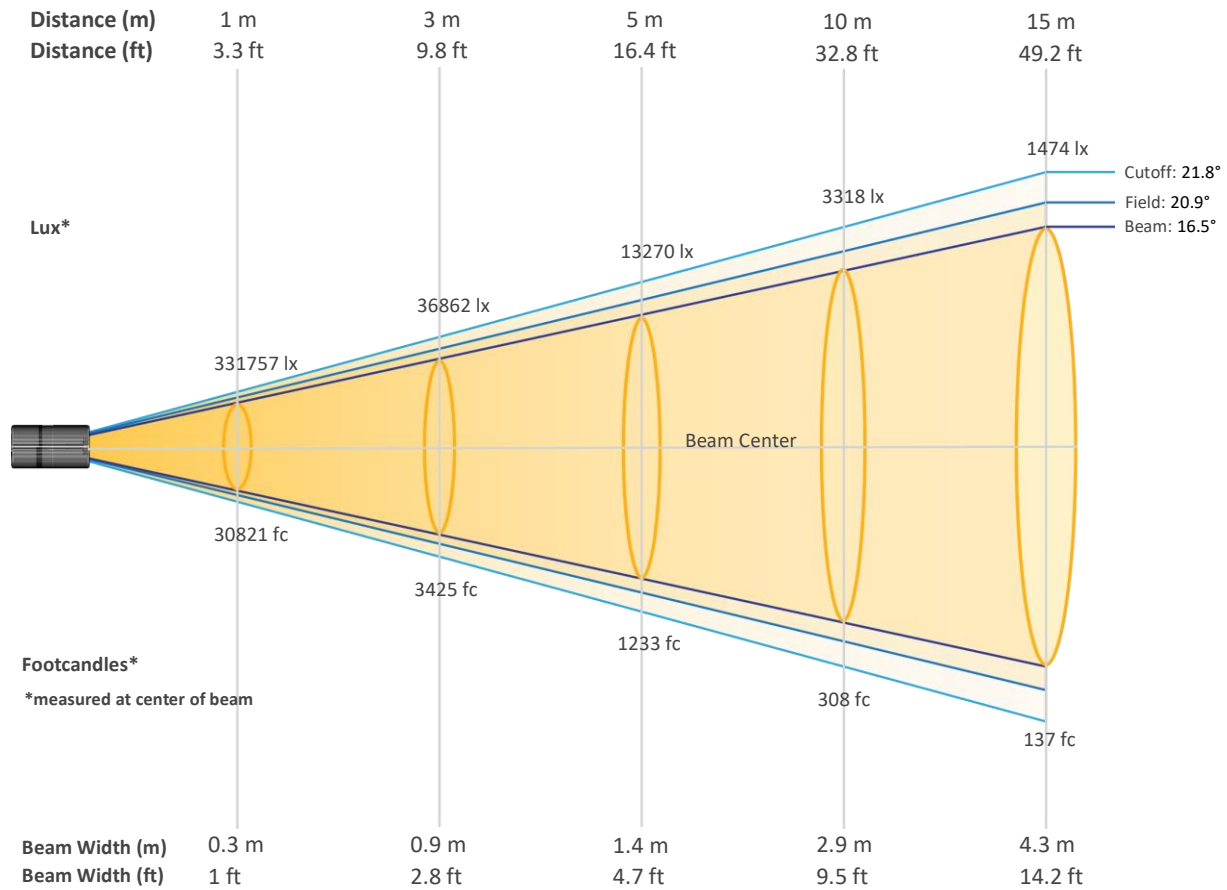
Color Temperature

3296 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Yellow

Beam Details

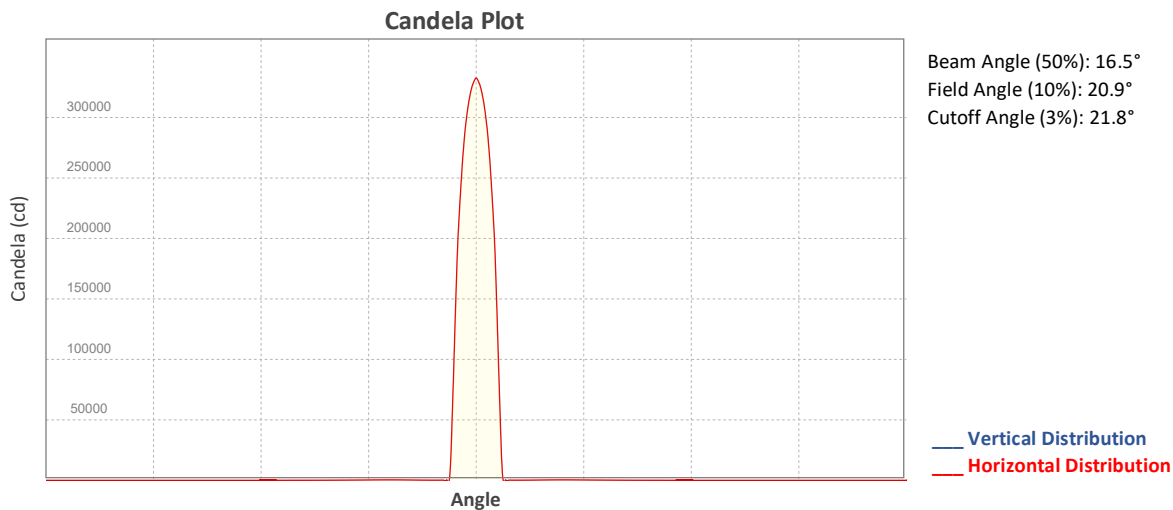


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	331757	82939	36862	20735	13270	9215	6771	5184	4096	3318
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2742	2304	1963	1693	1474	1296	1148	1024	919	829
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	30821	7705	3425	1926	1233	856	629	482	381	308
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	255	214	182	157	137	120	107	95	85	77

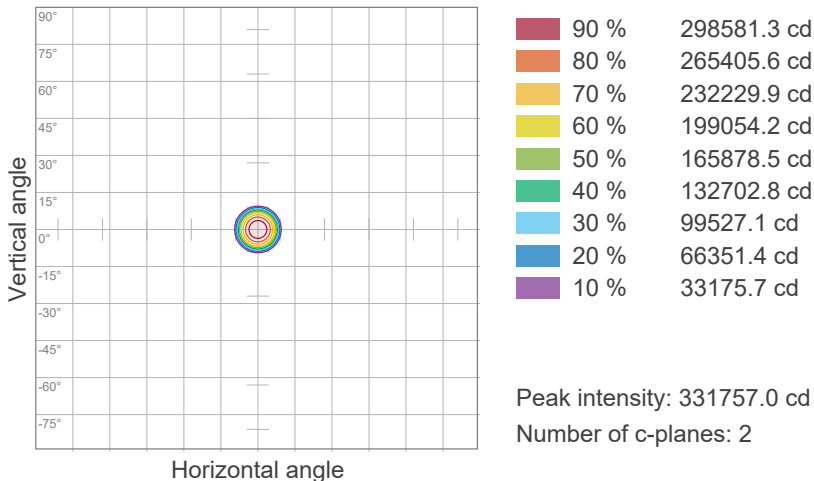
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Yellow

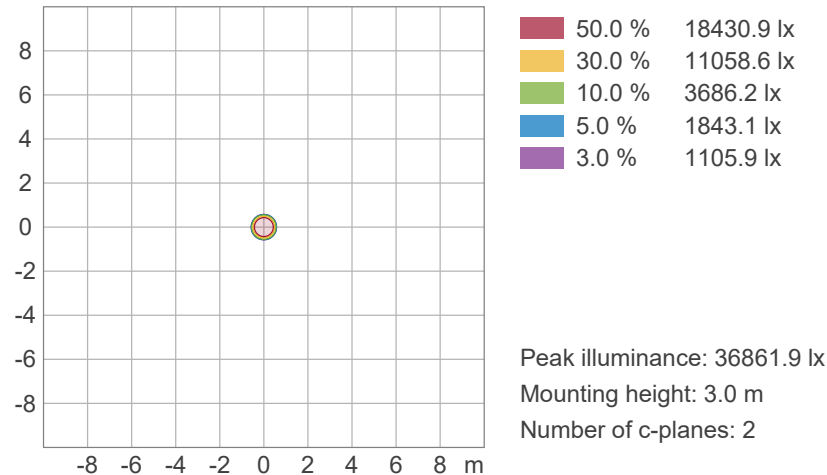


ISO Diagrams

ISO Candela Diagram



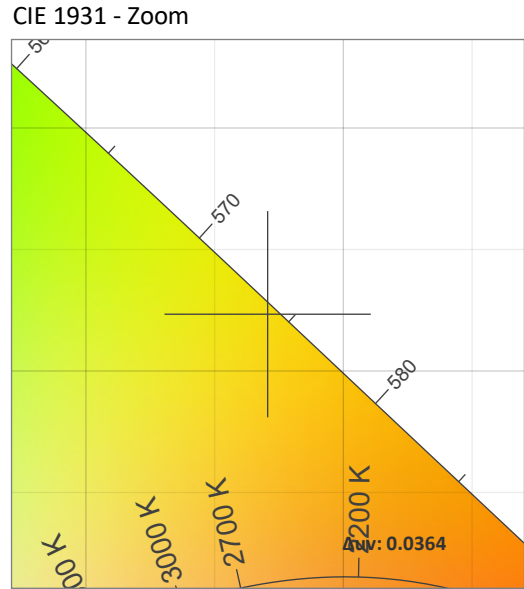
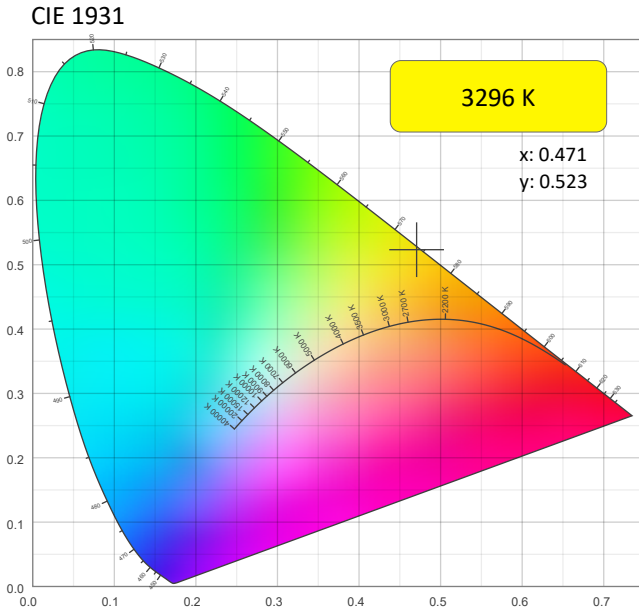
ISO Lux Diagram



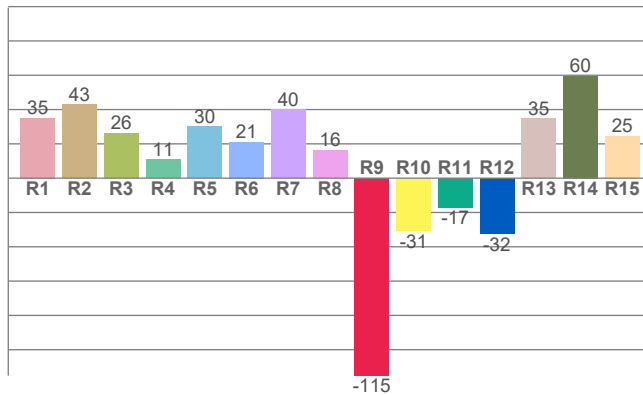
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Yellow

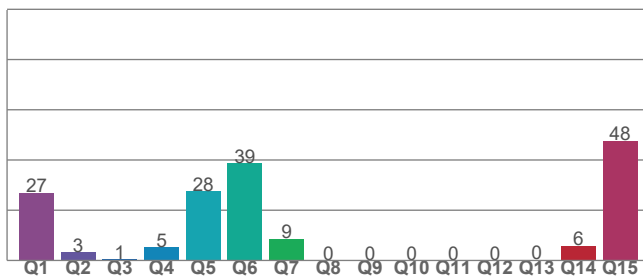
Chromaticity



CRI: 27.9 (R1-R8)



CQS: 0.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3296 K	0.471	0.523

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0364	0.523	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
27.9	-115.1	0.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	13.7	10.1

Photometric & Chromaticity Report

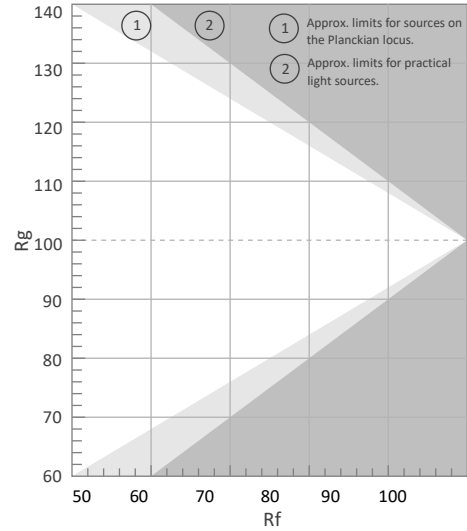
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/Yellow

TM-30 Details

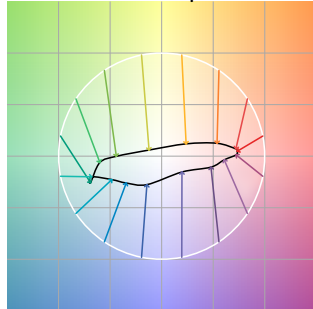
Rf 13.7
Fidelity Index (Rg)

Rg 10.1
Gammut Index (Rg)

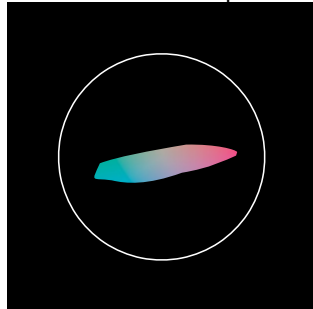
Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	47	-27%	-10%
2	17	-36%	-34%
3	0	-60%	-38%
4	0	-84%	-21%
5	5	-92%	11%
6	1	-76%	37%
7	8	-54%	38%
8	16	-37%	39%
9	57	-30%	6%
10	30	-47%	-8%
11	7	-59%	-14%
12	9	-70%	-9%
13	5	-81%	16%
14	17	-65%	34%
15	19	-48%	31%
16	53	-29%	15%



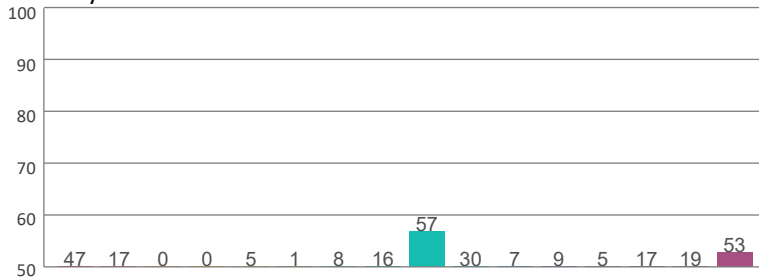
Color Vector Graphic



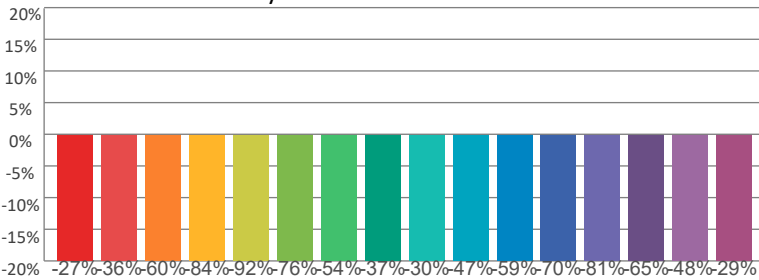
Color Distortion Graphic



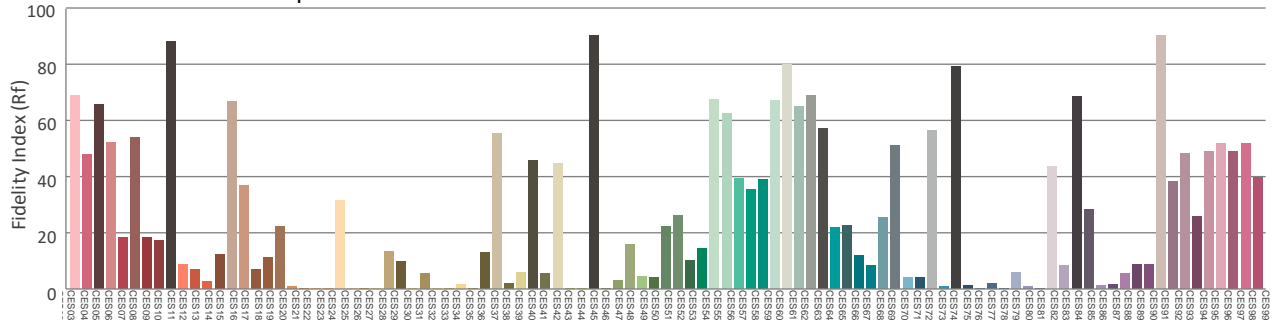
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CRI

Report Summary

Measurements

Fixture Output: 20197 lm
Fixture Peak: 310158 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 12406 lux
Color Temperature: 6209 K
CRI: 88.6 CRI R9 Value: 36.1
CQS: 86.5
TLCI: 68
TM-30 Rf: 85.0
TM-30 Rg: 105.1
Beam Angle (50%): 16.6°
Field Angle (10%): 21°
Cutoff Angle (3%): 22°

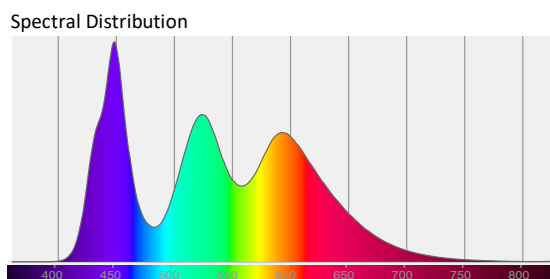
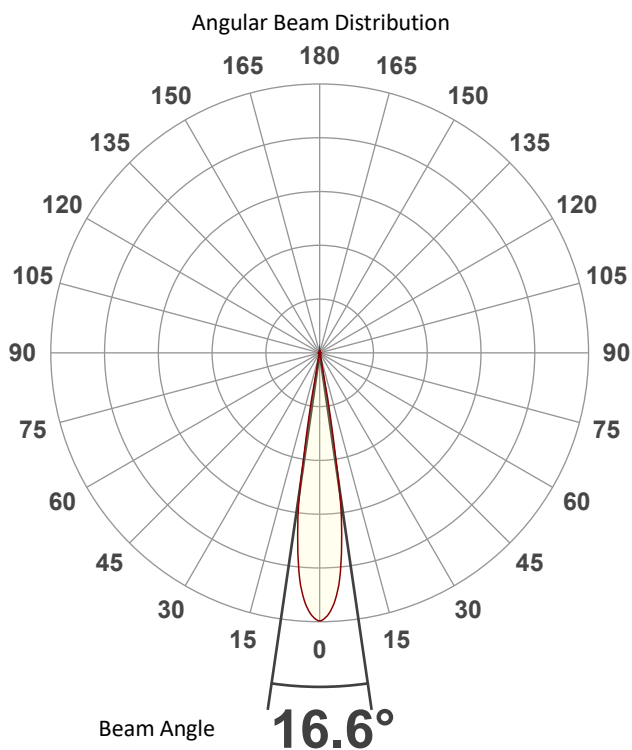


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

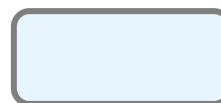
Overall Measurement



Tested Color (CIE 1931):

X: 0.319

Y: 0.320



Light Quality

CRI: 88.6

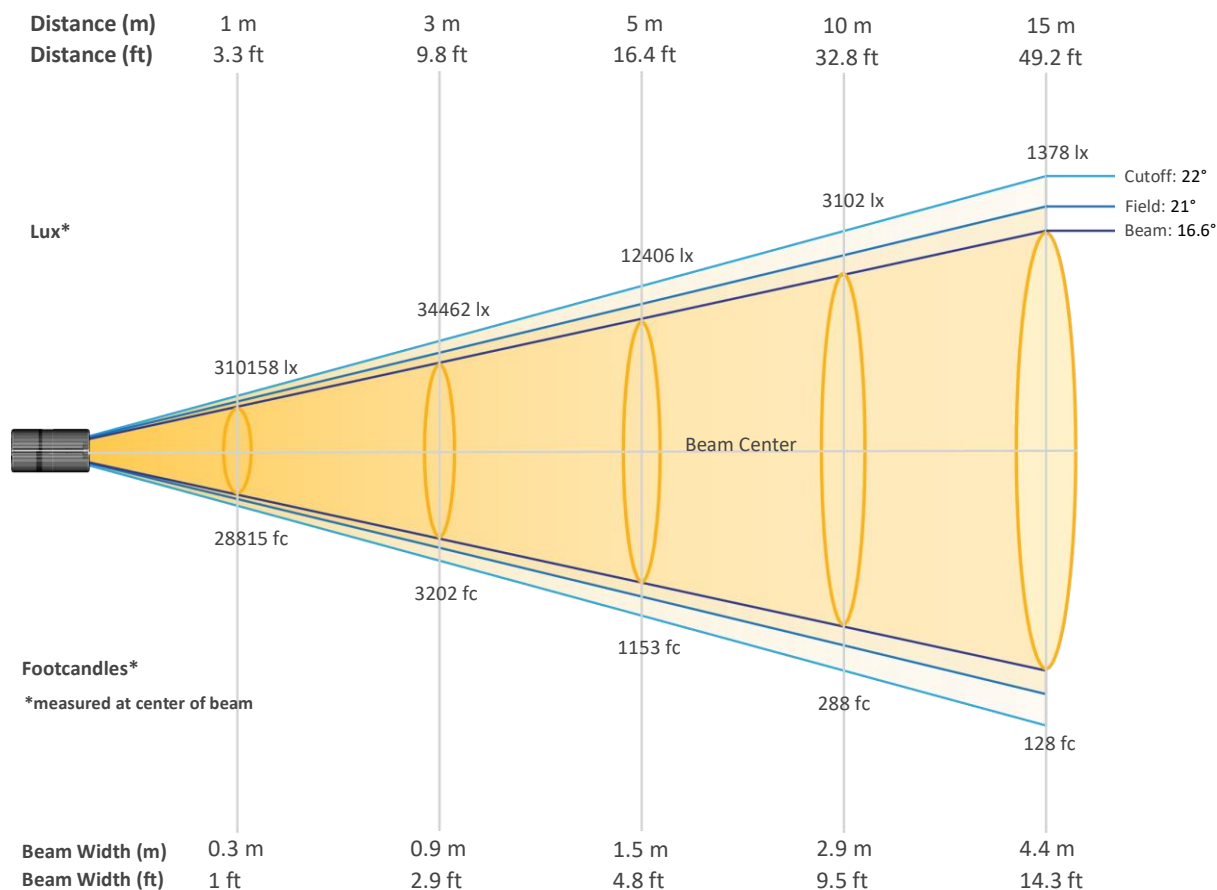
Color Temperature

6209 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CRI

Beam Details

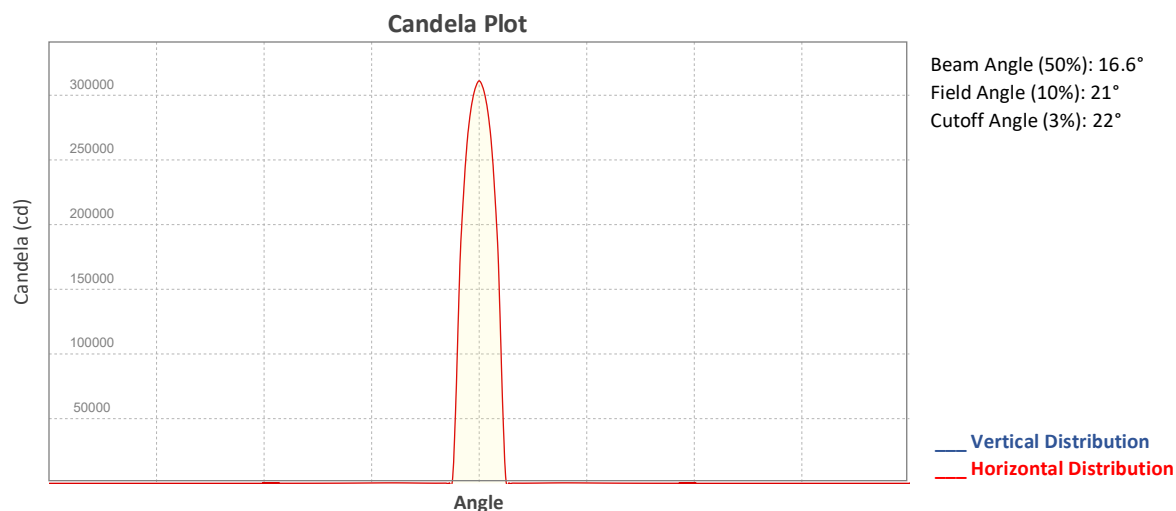


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	310158	77539	34462	19385	12406	8615	6330	4846	3829	3102
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2563	2154	1835	1582	1378	1212	1073	957	859	775
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	28815	7204	3202	1801	1153	800	588	450	356	288
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	238	200	171	147	128	113	100	89	80	72

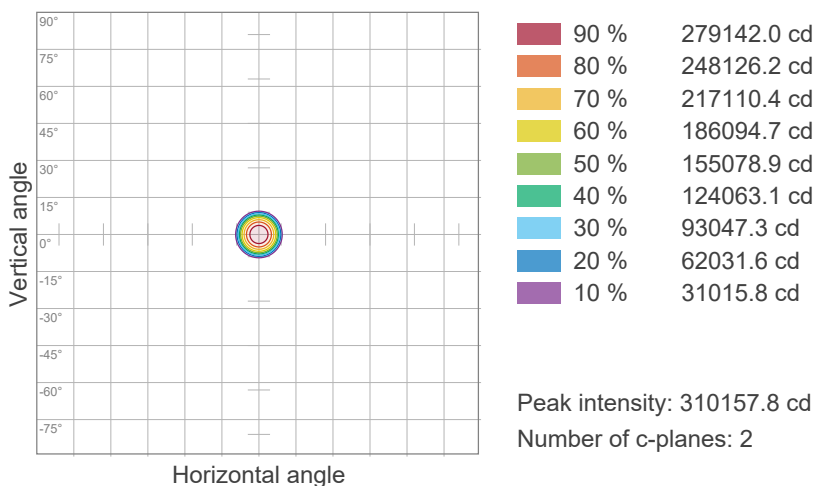
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CRI

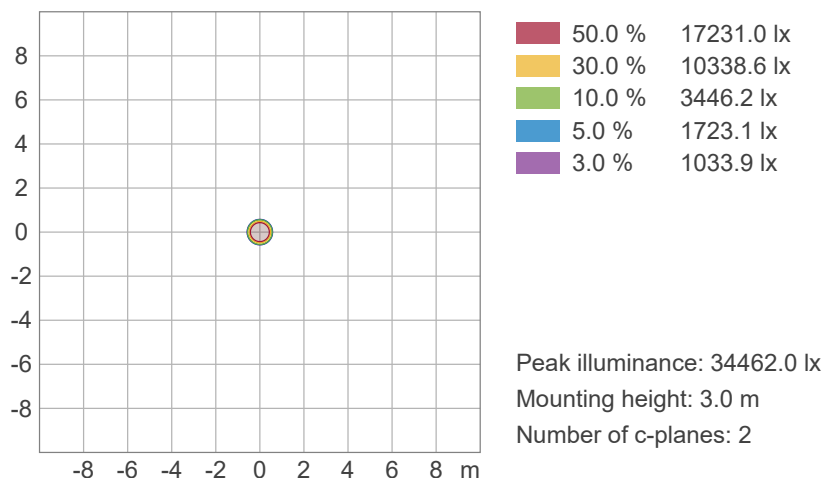


ISO Diagrams

ISO Candela Diagram



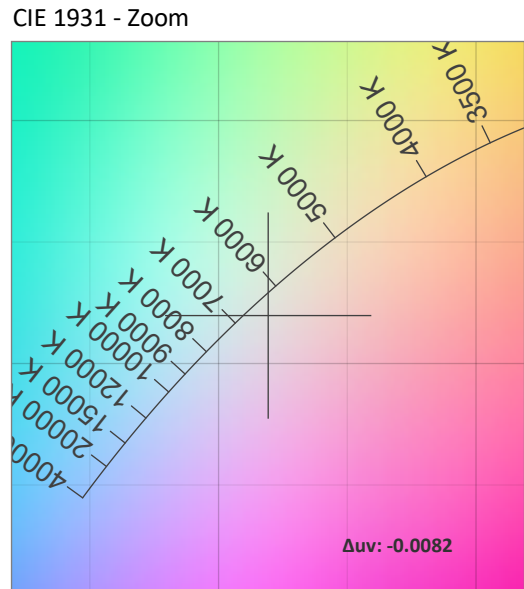
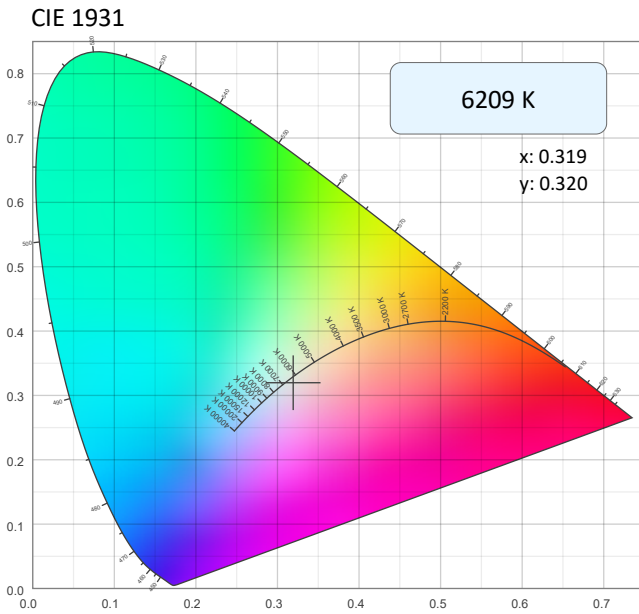
ISO Lux Diagram



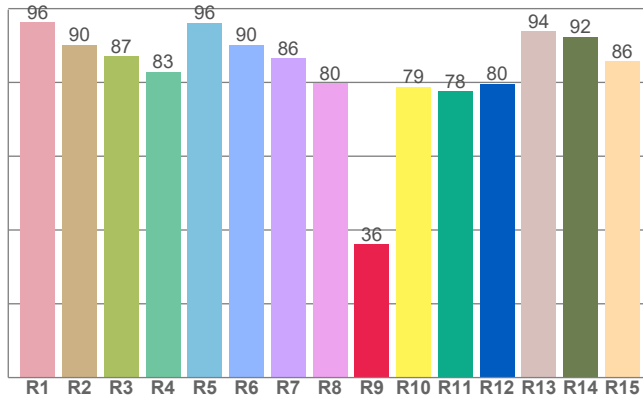
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CRI

Chromaticity



CRI: 88.6 (R1-R8)

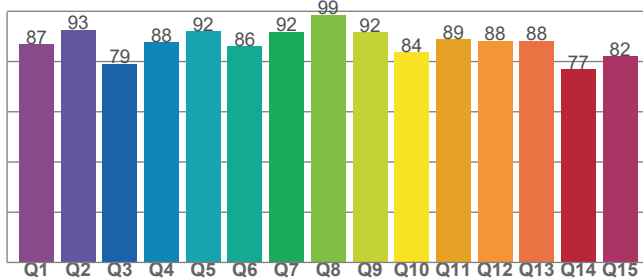


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6209 K	0.319	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0082	0.320	0.206

CQS: 86.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.6	36.1	86.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
68	85.0	105.1

Photometric & Chromaticity Report

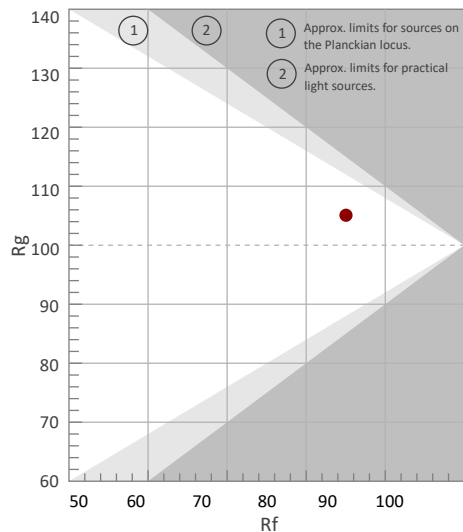
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CRI

TM-30 Details

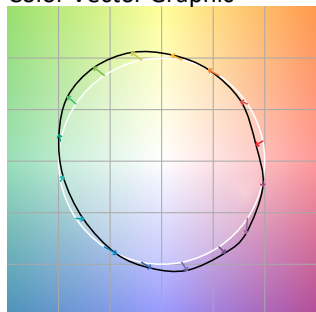
Rf 85.0
Fidelity Index
(Rg)

Rg 105.1
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	86	-7%	-3%
2	89	-4%	5%
3	81	-1%	11%
4	83	3%	10%
5	82	9%	8%
6	82	12%	4%
7	84	11%	-1%
8	90	3%	-5%
9	93	-3%	-4%
10	87	-6%	4%
11	79	-1%	13%
12	84	4%	10%
13	88	9%	3%
14	86	8%	2%
15	84	7%	-13%
16	91	1%	-5%



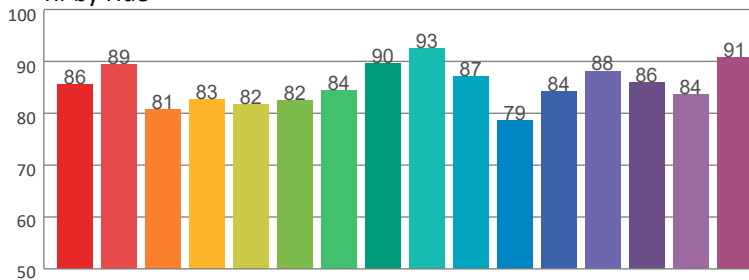
Color Vector Graphic



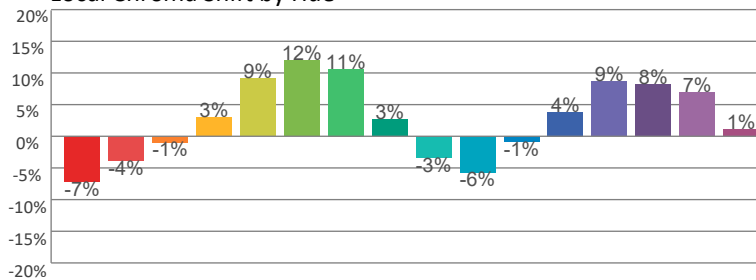
Color Distortion Graphic



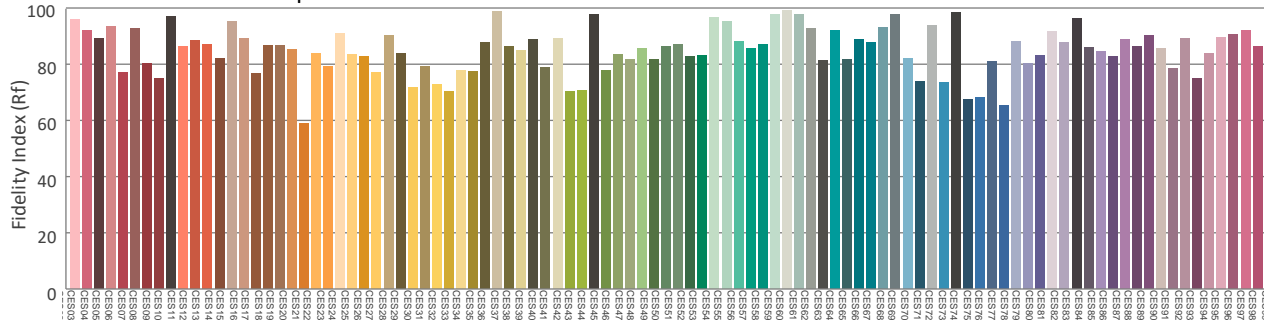
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTO

Report Summary

Measurements

Fixture Output: 13451 lm
Fixture Peak: 205575 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8223 lux
Color Temperature: 2913 K
CRI: 52.8 CRI R9 Value: -84.8
CQS: 55.6
TLCI: 23
TM-30 Rf: 59.8
TM-30 Rg: 83.9
Beam Angle (50%): 16.6°
Field Angle (10%): 21°
Cutoff Angle (3%): 21.8°

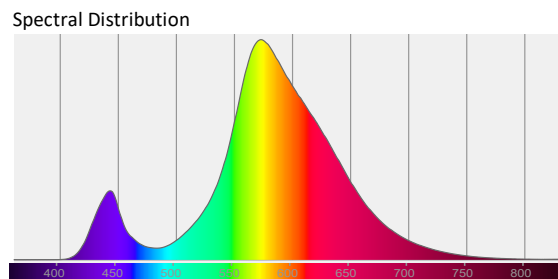
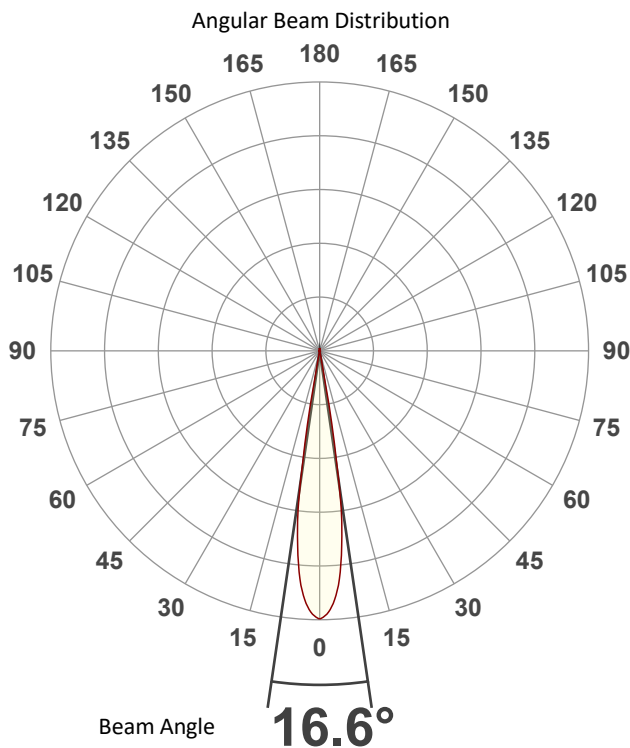


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.454
Y: 0.428

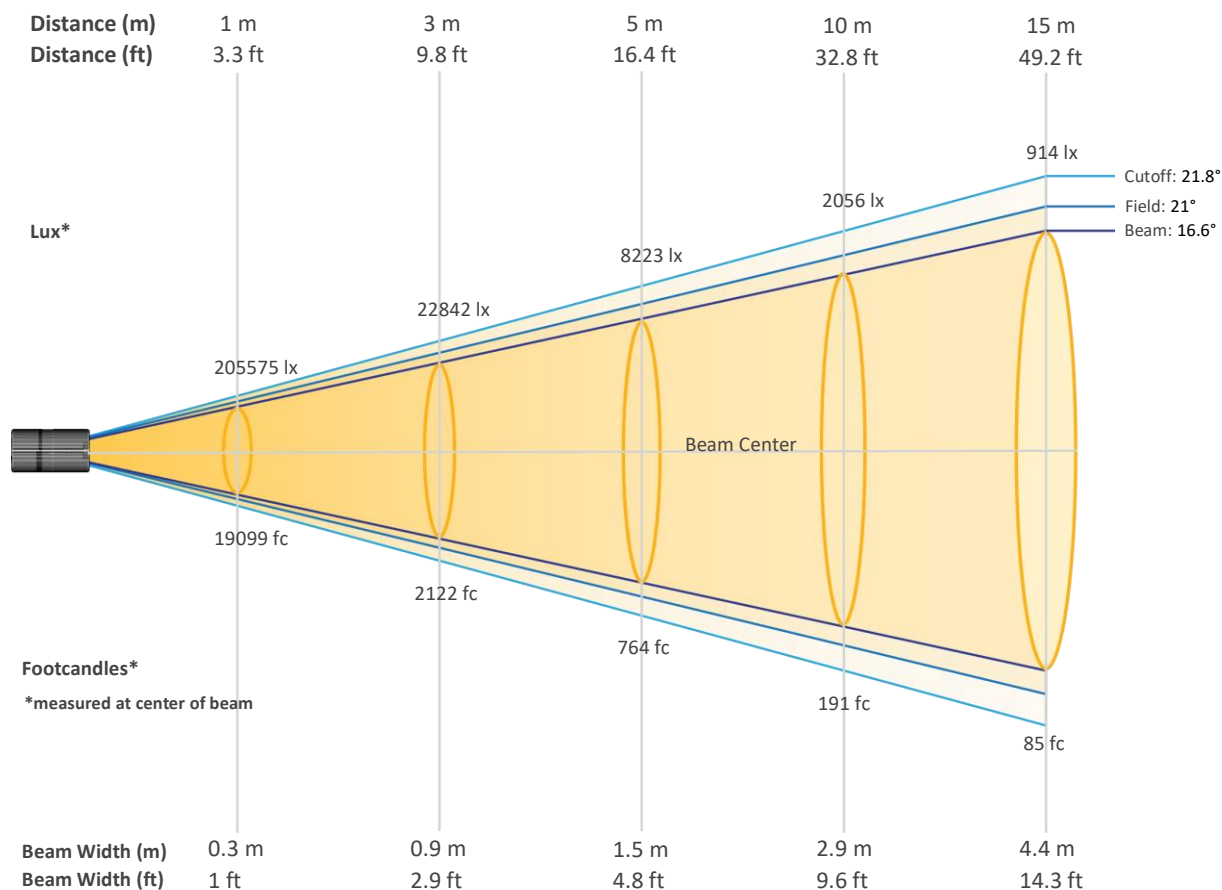
Light Quality
CRI: 52.8

Color Temperature
2913 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTO

Beam Details

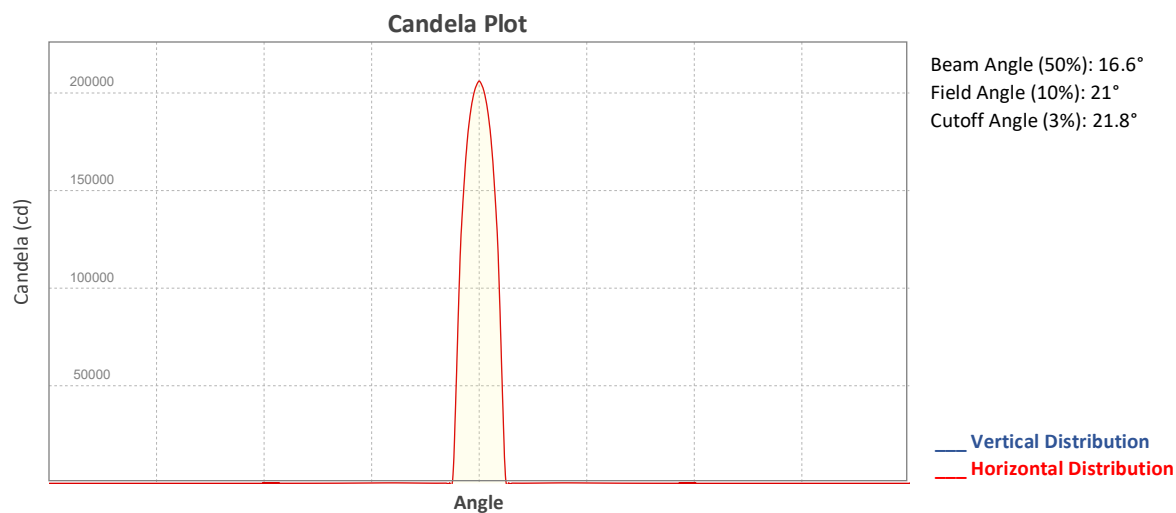


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	205575	51394	22842	12848	8223	5710	4195	3212	2538	2056
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1699	1428	1216	1049	914	803	711	634	569	514
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	19099	4775	2122	1194	764	531	390	298	236	191
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	158	133	113	97	85	75	66	59	53	48

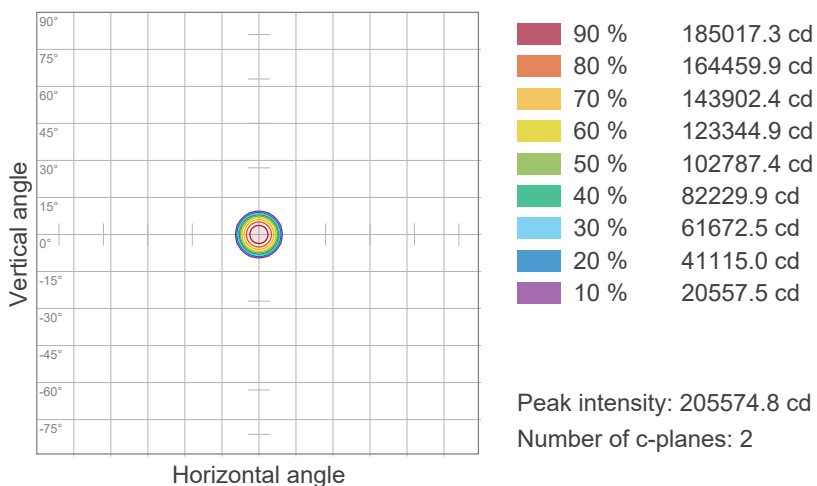
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTO

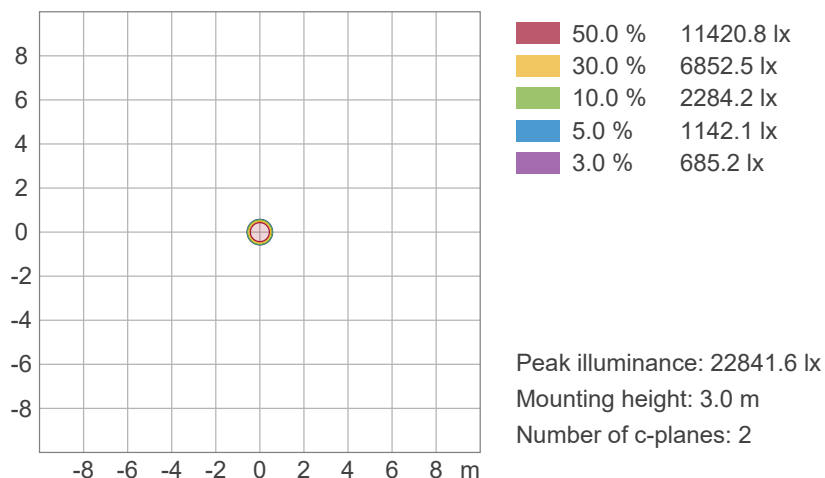


ISO Diagrams

ISO Candela Diagram



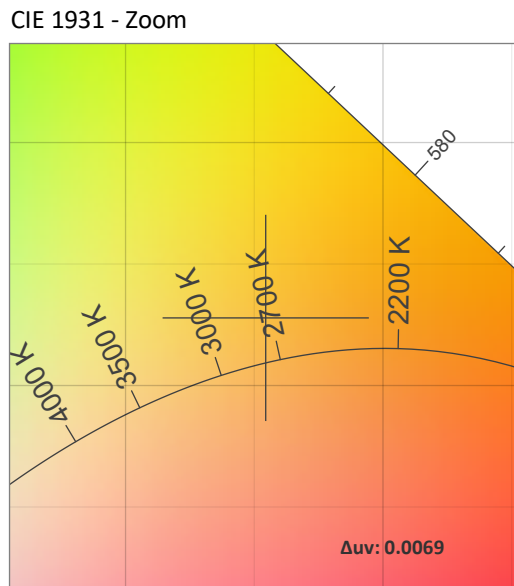
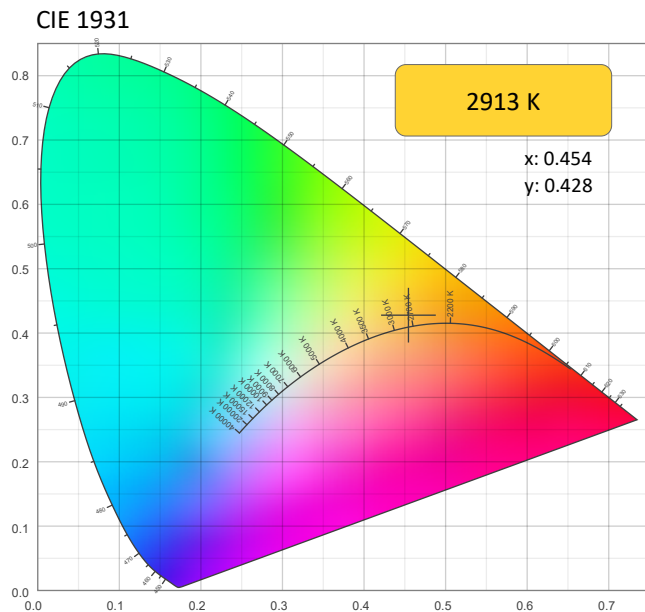
ISO Lux Diagram



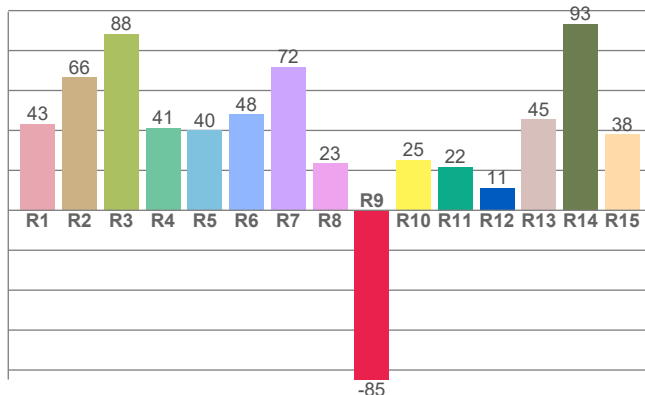
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTO

Chromaticity



CRI: 52.8 (R1-R8)

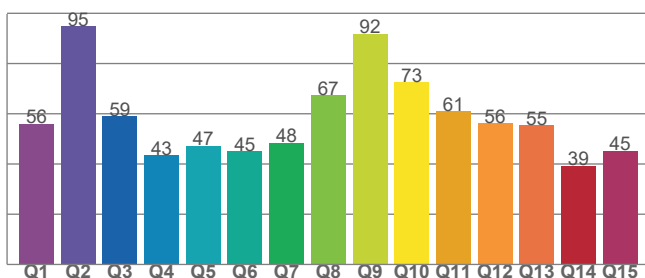


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2913 K	0.454	0.428

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0069	0.428	0.252

CQS: 55.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
52.8	-84.8	55.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	59.8	83.9

Photometric & Chromaticity Report

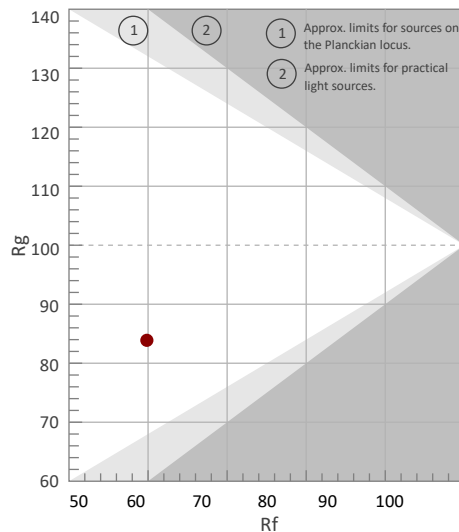
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTO

TM-30 Details

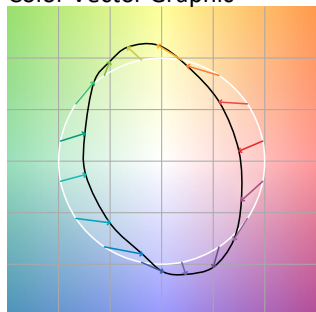
Rf 59.8
Fidelity Index (Rg)

Rg 83.9
Gammut Index (Rg)

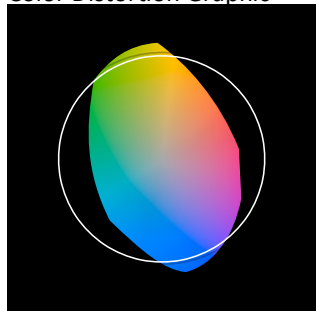
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	54	-25%	-5%
2	52	-22%	17%
3	40	-10%	31%
4	60	10%	26%
5	75	15%	11%
6	79	8%	-12%
7	58	-3%	-27%
8	61	-22%	-12%
9	59	-25%	-2%
10	48	-25%	22%
11	48	-15%	35%
12	61	5%	22%
13	80	12%	1%
14	71	13%	-15%
15	60	1%	-25%
16	64	-17%	-22%



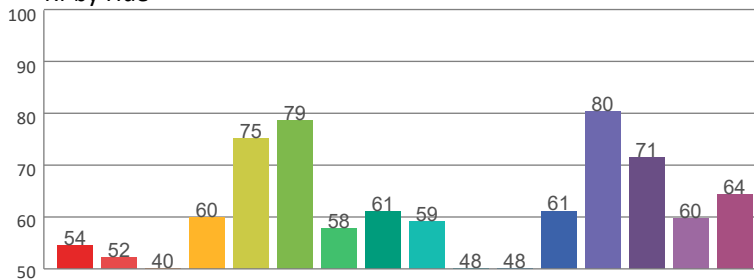
Color Vector Graphic



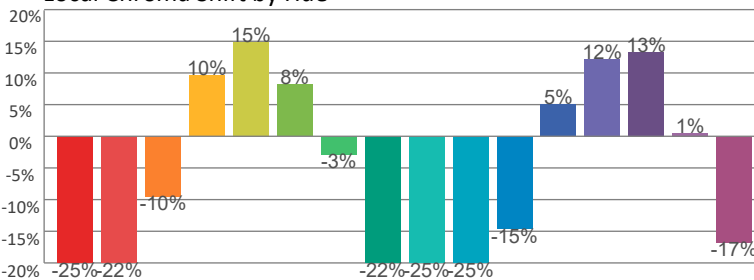
Color Distortion Graphic



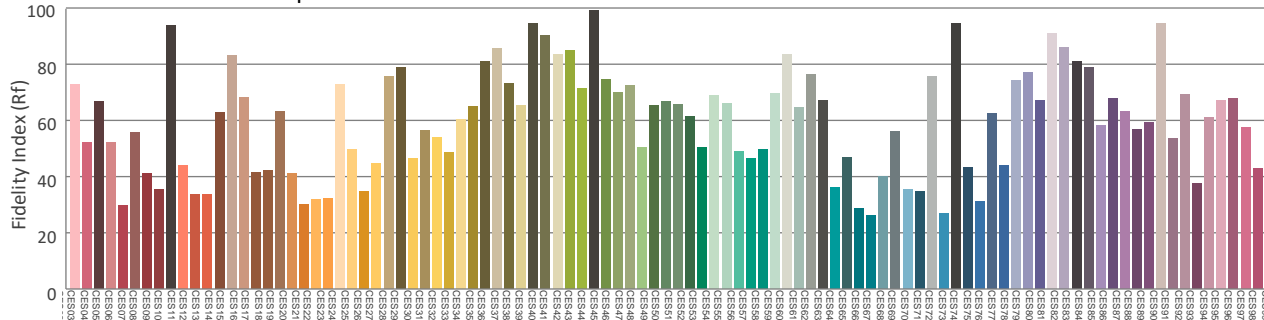
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTB

Report Summary

Measurements

Fixture Output: 22103 lm
Fixture Peak: 333580 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 13343 lux
Color Temperature: 8587 K
CRI: 75.8 CRI R9 Value: 7.5
CQS: 73.6
TLCI: 55
TM-30 Rf: 73.3
TM-30 Rg: 98.9
Beam Angle (50%): 16.7°
Field Angle (10%): 20.3°
Cutoff Angle (3%): 22.6°

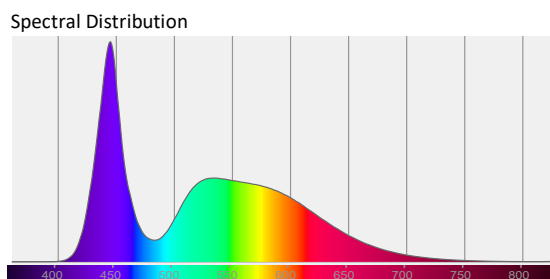
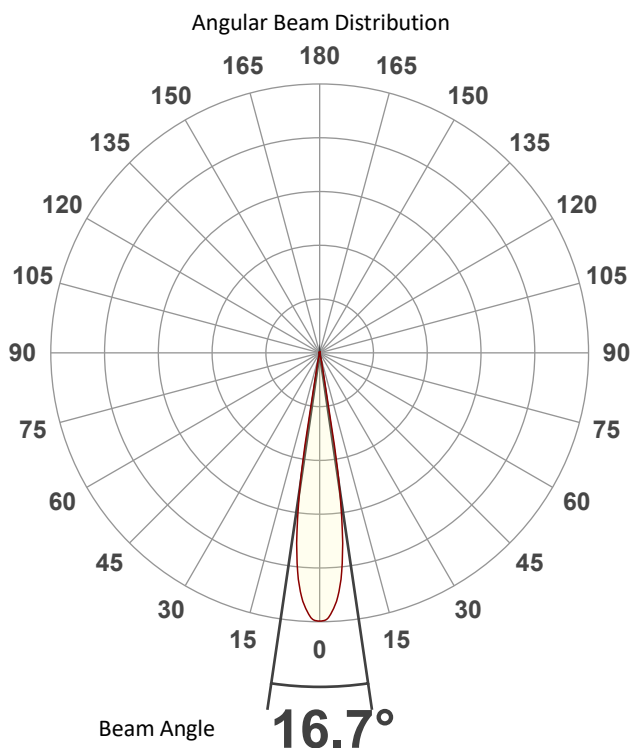


Conditions

AC Supply: 113 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

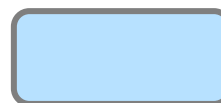
Overall Measurement



Tested Color (CIE 1931):

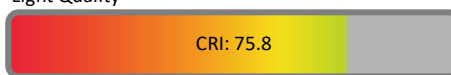
X: 0.292

Y: 0.294



Light Quality

CRI: 75.8



Color Temperature

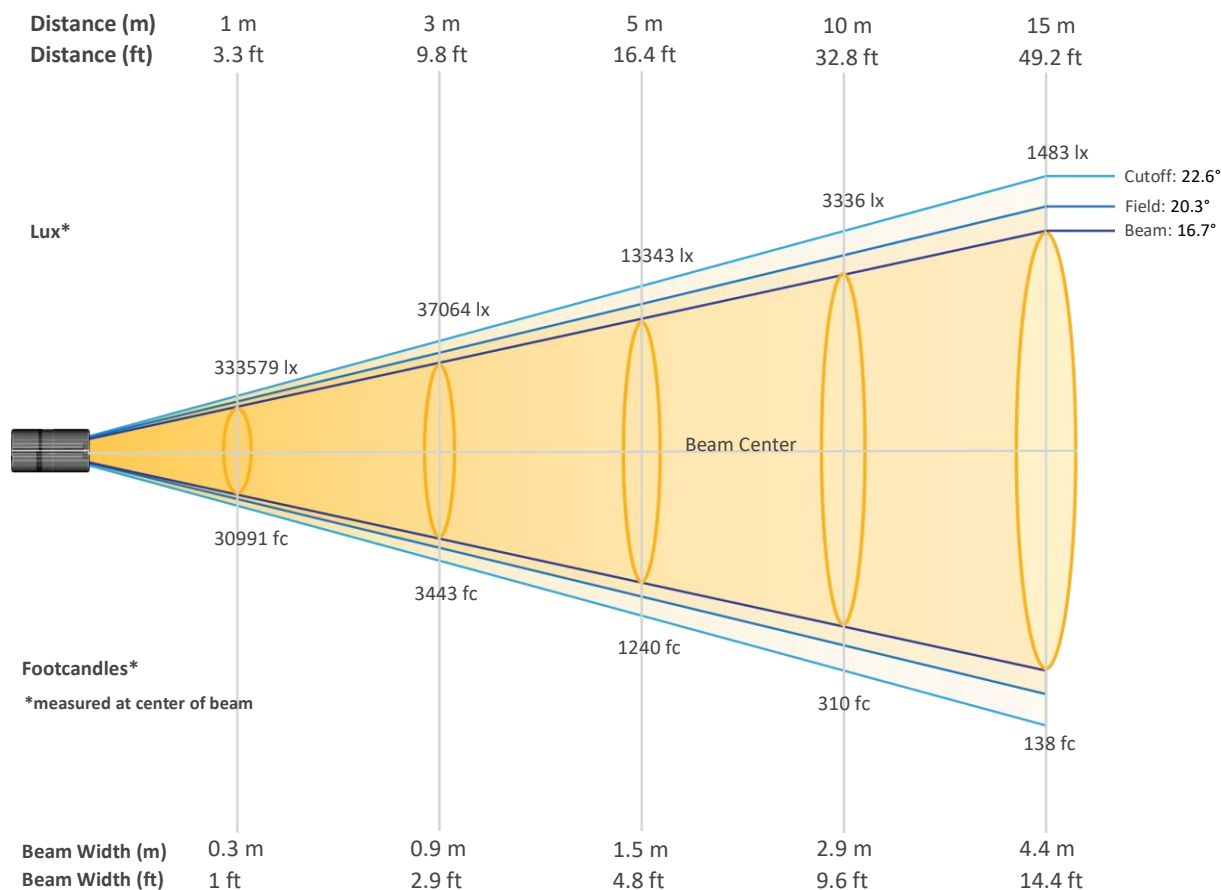
8587 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTB

Beam Details

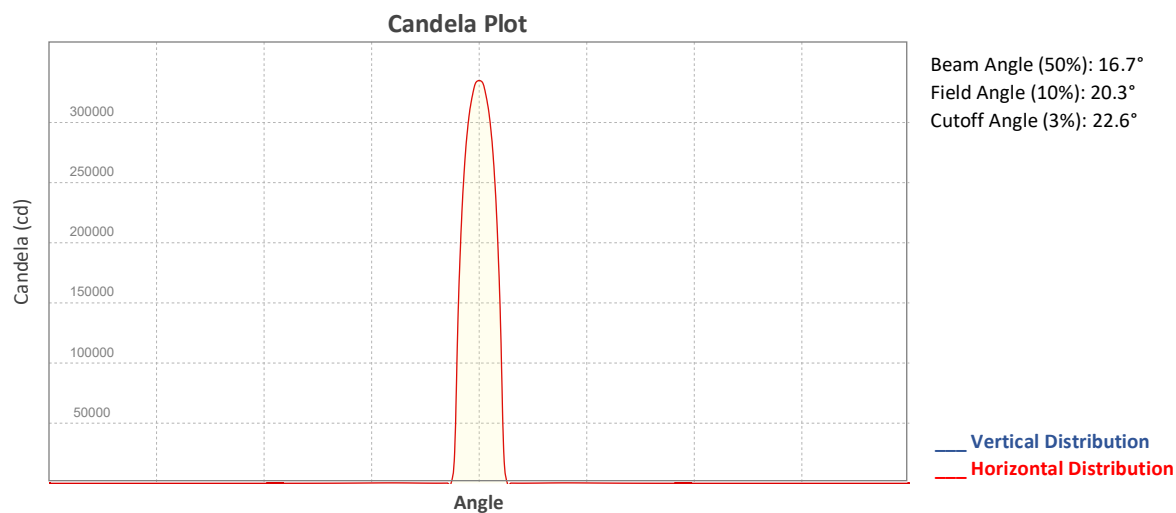


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	333579	83395	37064	20849	13343	9266	6808	5212	4118	3336
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2757	2317	1974	1702	1483	1303	1154	1030	924	834
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	30991	7748	3443	1937	1240	861	632	484	383	310
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	256	215	183	158	138	121	107	96	86	77

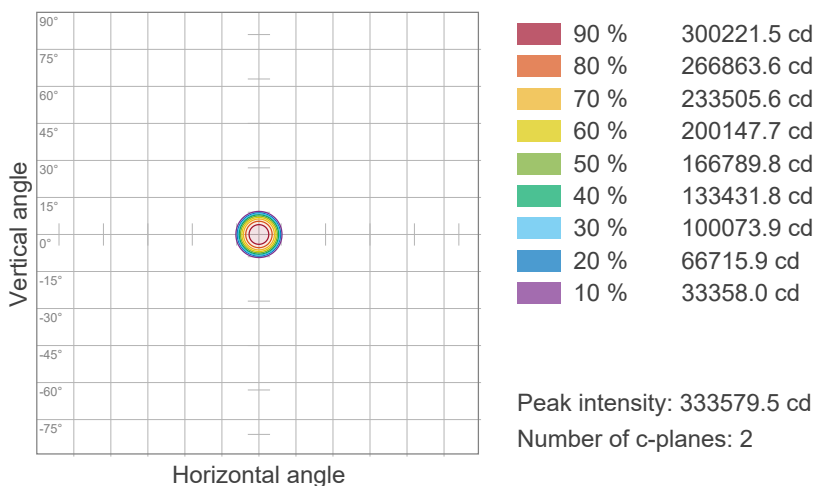
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTB

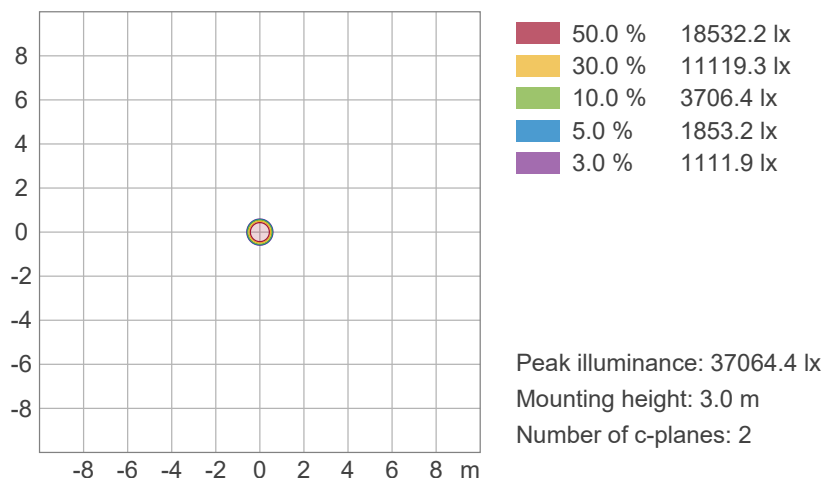


ISO Diagrams

ISO Candela Diagram



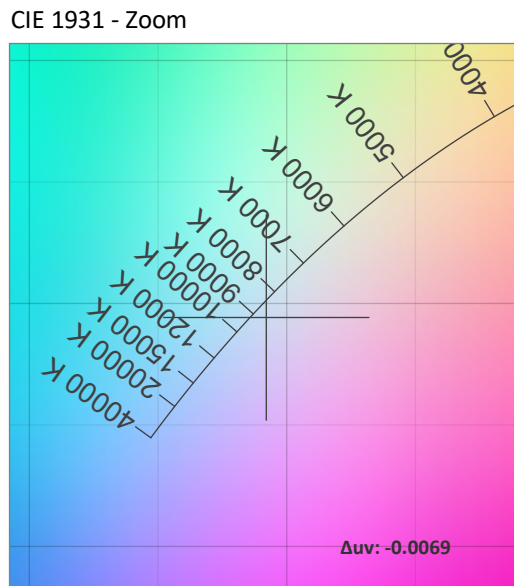
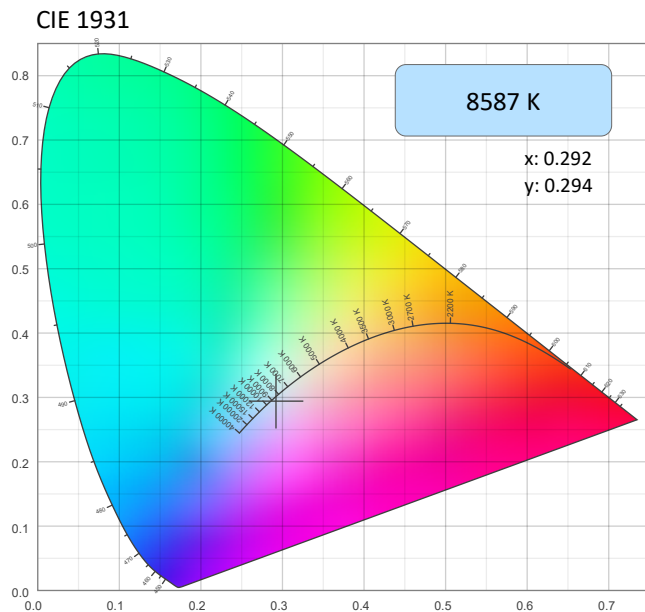
ISO Lux Diagram



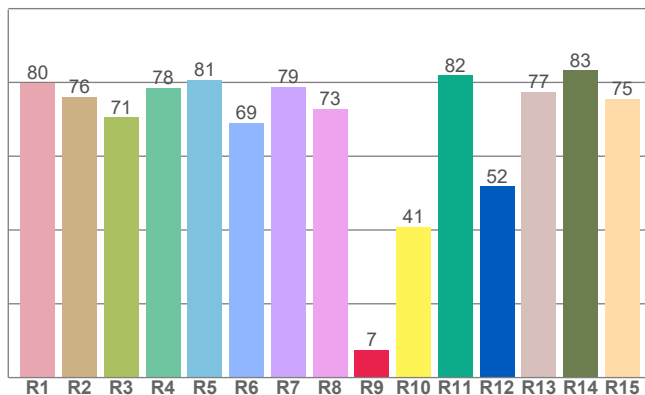
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTB

Chromaticity



CRI: 75.8 (R1-R8)

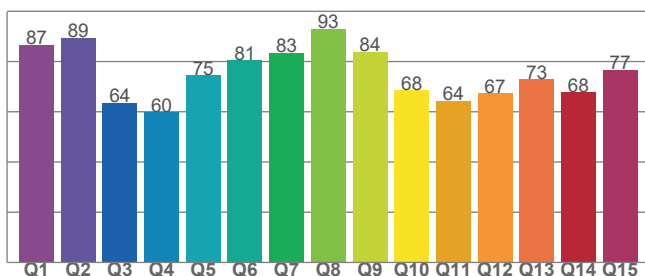


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8587 K	0.292	0.294

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0069	0.294	0.196

CQS: 73.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.8	7.5	73.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	73.3	98.9

Photometric & Chromaticity Report

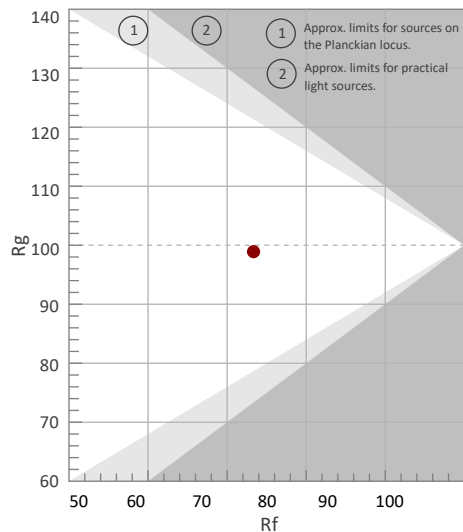
Maverick Storm 2 Profile M: 50% Zoom - Full Power - w/CTB

TM-30 Details

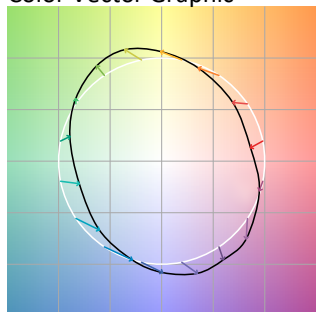
Rf 73.3
Fidelity Index (Rg)

Rg 98.9
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	76	-13%	-4%
2	75	-11%	9%
3	67	-5%	21%
4	64	4%	22%
5	70	13%	14%
6	82	12%	1%
7	92	3%	-4%
8	81	-8%	-6%
9	79	-17%	6%
10	67	-13%	22%
11	41	-5%	29%
12	69	6%	22%
13	77	13%	13%
14	79	13%	-3%
15	77	10%	-17%
16	83	-1%	-10%



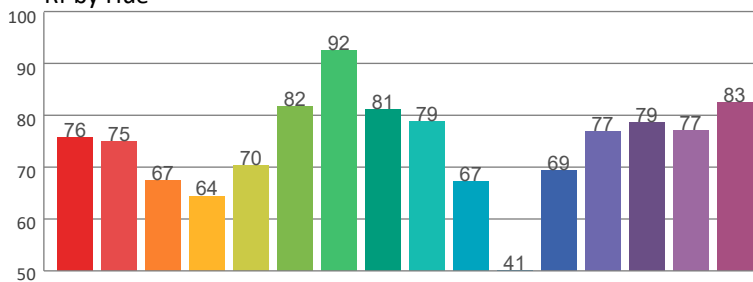
Color Vector Graphic



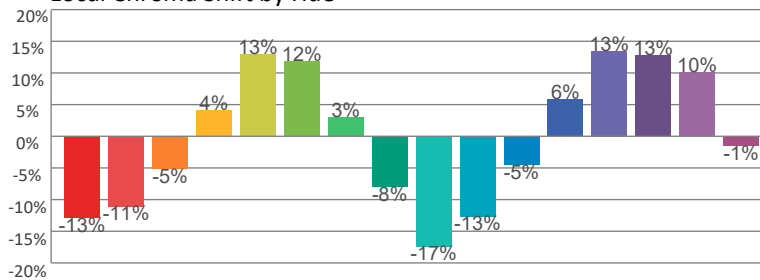
Color Distortion Graphic



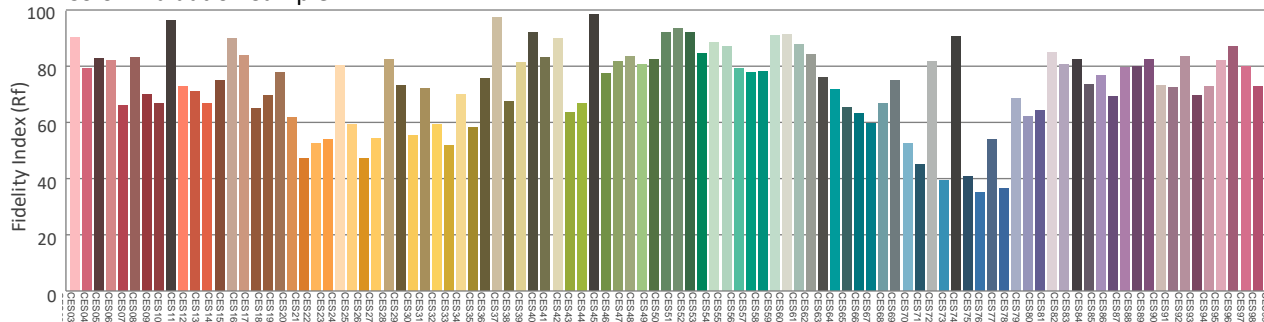
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 3200K

Report Summary

Measurements

Fixture Output: 6294 lm
Fixture Peak: 98114 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3925 lux
Color Temperature: 3208 K
CRI: 76.3 CRI R9 Value: 52.6
CQS: 74.4
TLCI: 52
TM-30 Rf: 73.8
TM-30 Rg: 102.7
Beam Angle (50%): 16.5°
Field Angle (10%): 20.6°
Cutoff Angle (3%): 21.2°

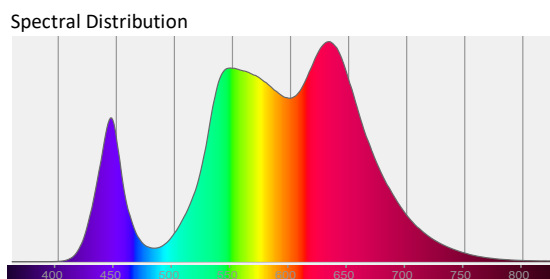
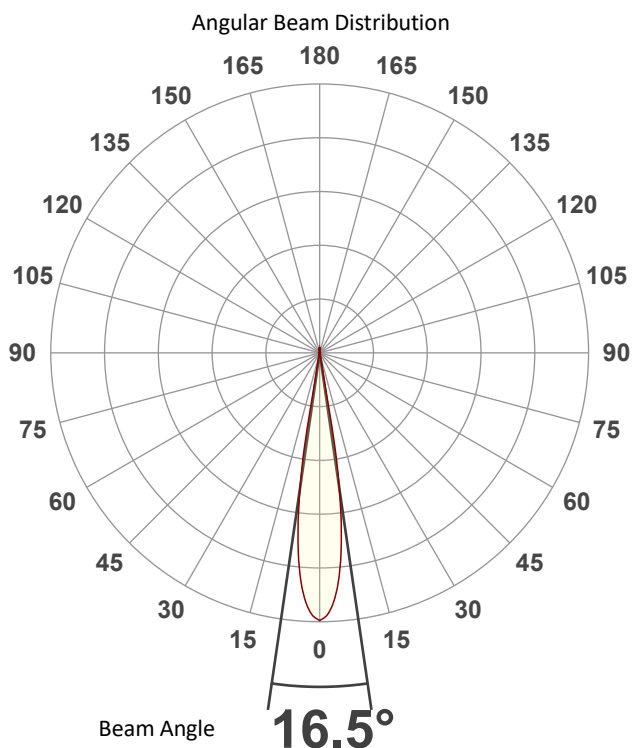


Conditions

AC Supply: 113 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

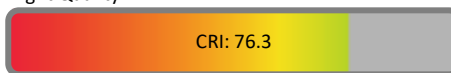
X: 0.425

Y: 0.402



Light Quality

CRI: 76.3



Color Temperature

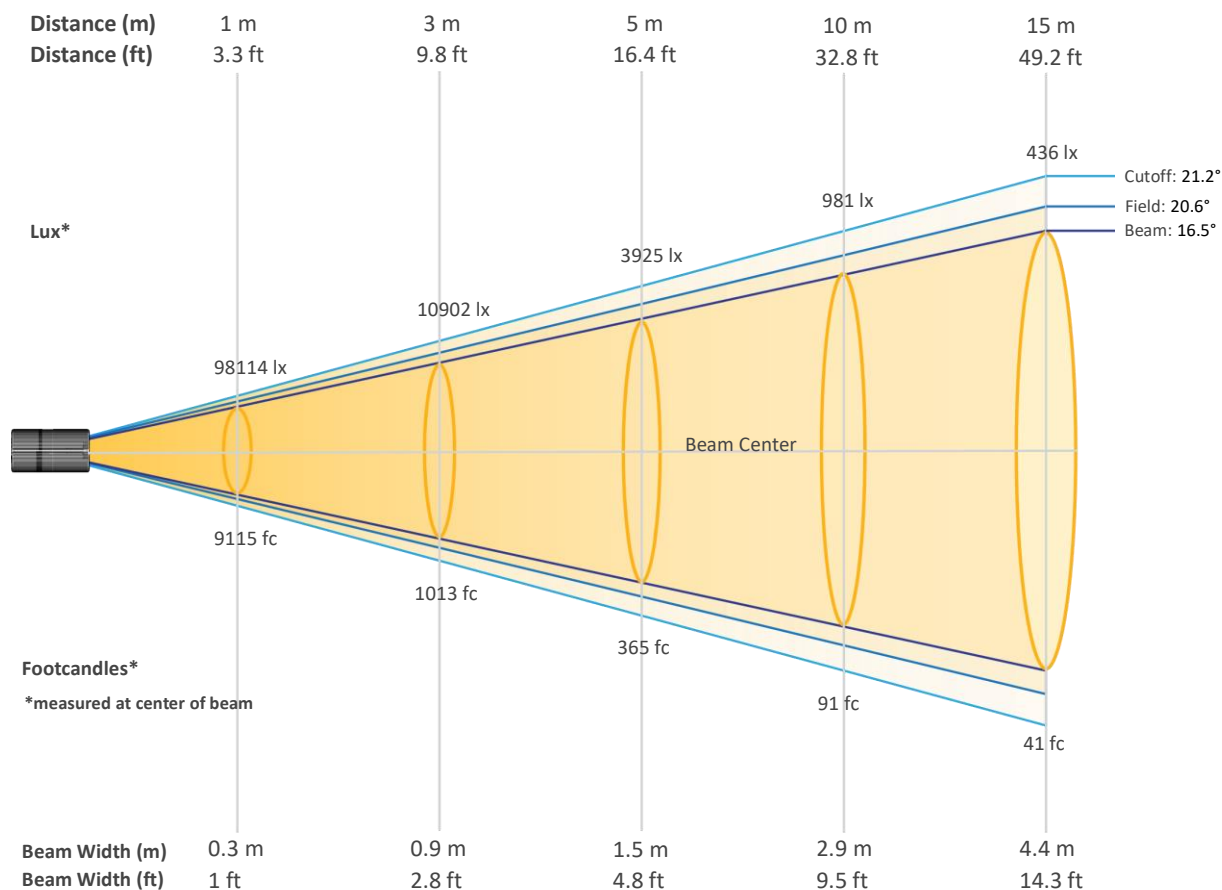
3208 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 3200K

Beam Details

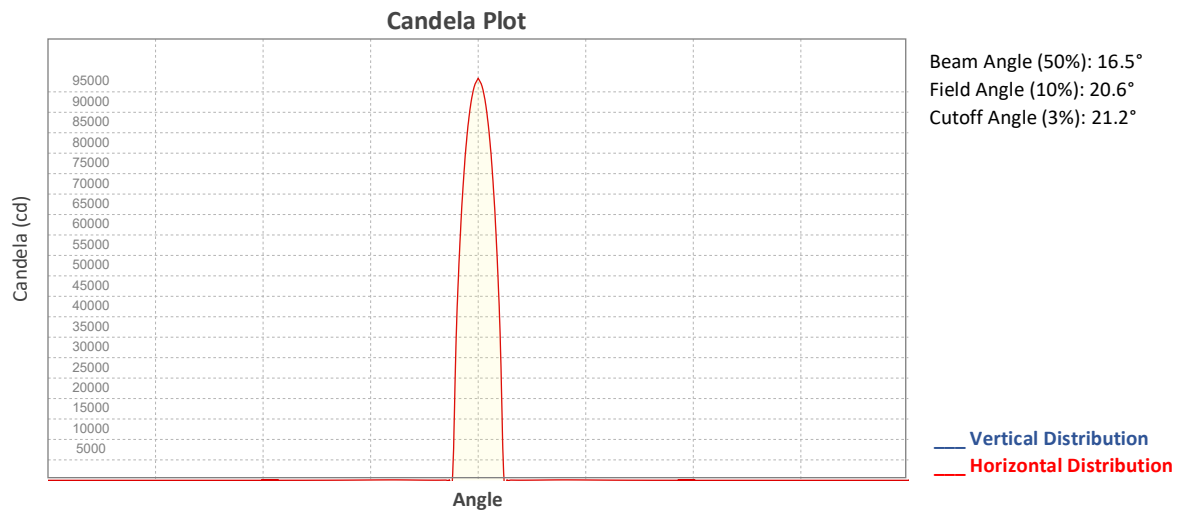


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	98114	24529	10902	6132	3925	2725	2002	1533	1211	981
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	811	681	581	501	436	383	339	303	272	245
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9115	2279	1013	570	365	253	186	142	113	91
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	75	63	54	47	41	36	32	28	25	23

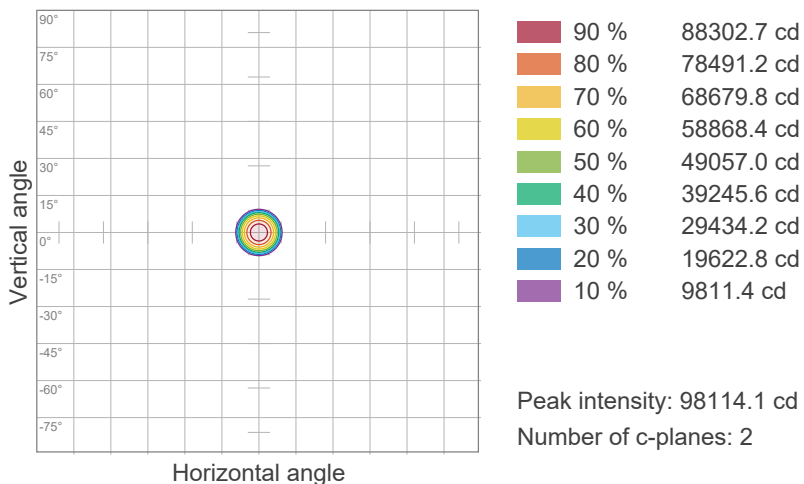
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 3200K

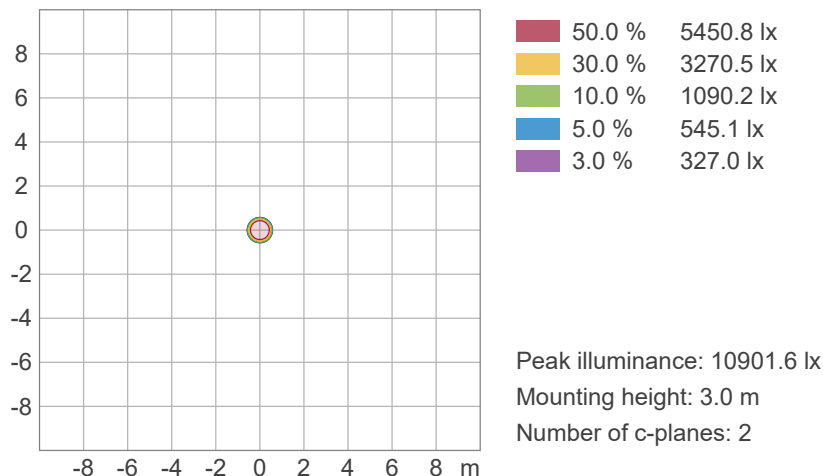


ISO Diagrams

ISO Candela Diagram



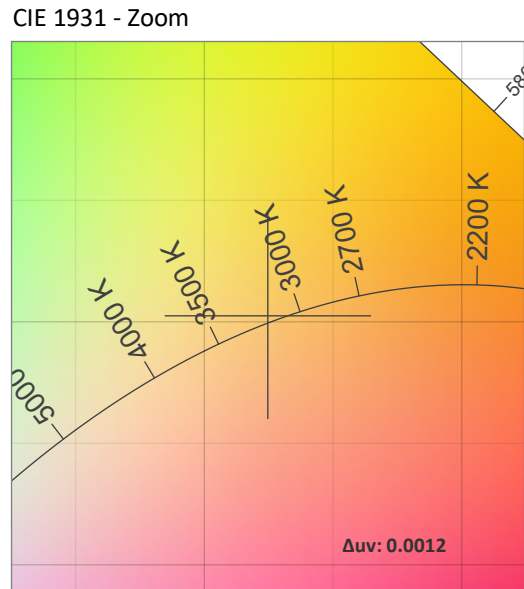
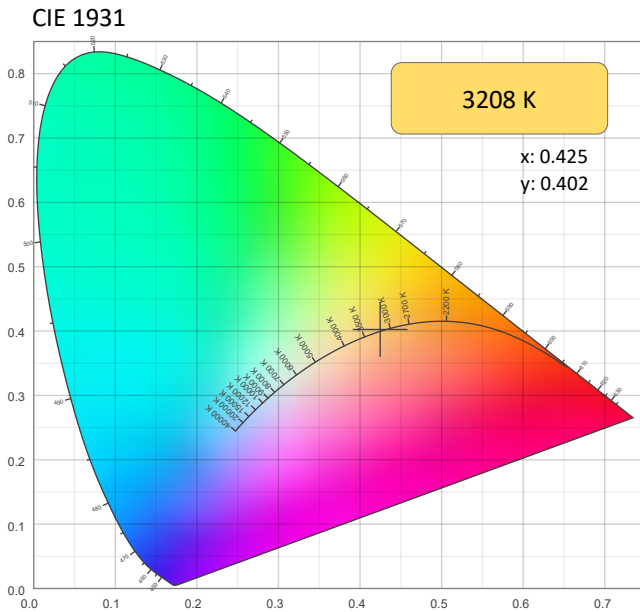
ISO Lux Diagram



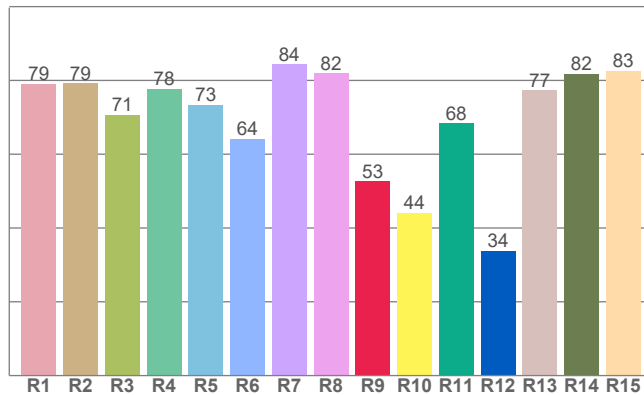
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 3200K

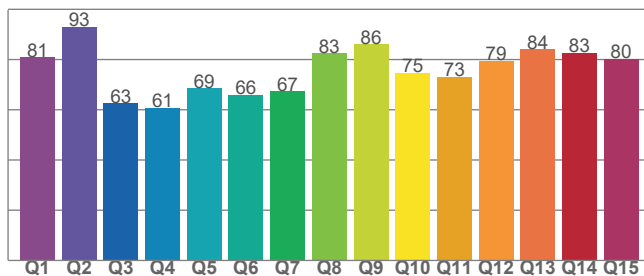
Chromaticity



CRI: 76.3 (R1-R8)



CQS: 74.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3208 K	0.425	0.402

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0012	0.402	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.3	52.6	74.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
52	73.8	102.7

Photometric & Chromaticity Report

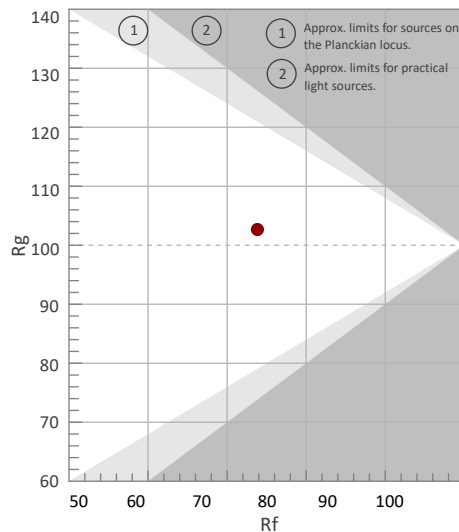
Maverick Storm 2 Profile M: 50% Zoom - Full Power - 3200K

TM-30 Details

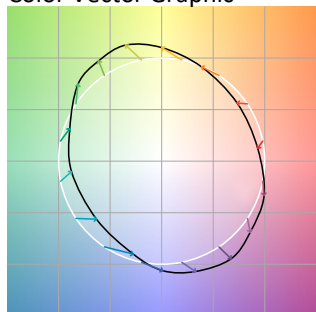
Rf 73.8
Fidelity Index
(Rg)

Rg 102.7
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	83	-6%	-6%
2	82	-8%	6%
3	64	-2%	19%
4	64	8%	21%
5	74	17%	12%
6	76	15%	-3%
7	70	9%	-17%
8	77	-6%	-14%
9	79	-12%	-7%
10	65	-16%	12%
11	58	-10%	27%
12	70	4%	22%
13	79	11%	11%
14	80	16%	3%
15	79	10%	-10%
16	83	4%	-13%



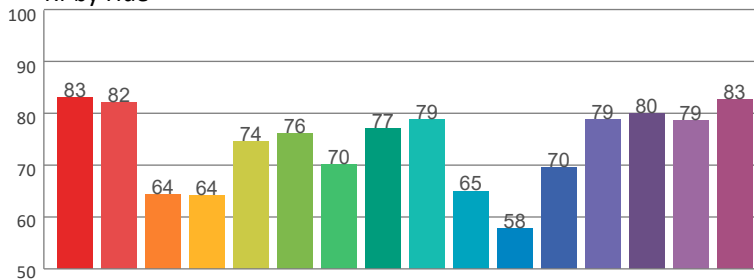
Color Vector Graphic



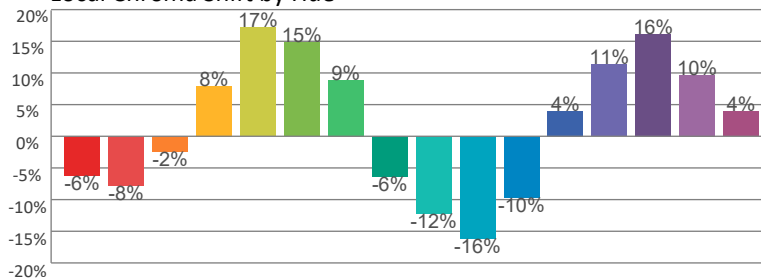
Color Distortion Graphic



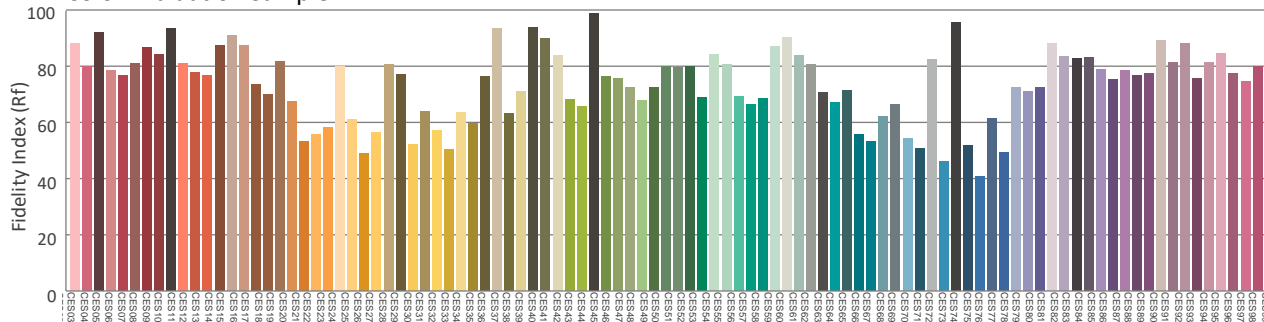
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 4000K

Report Summary

Measurements

Fixture Output: 9491 lm
Fixture Peak: 145992 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 5840 lux
Color Temperature: 3979 K
CRI: 71.8 CRI R9 Value: 15.2
CQS: 72.6
TLCI: 51
TM-30 Rf: 72.7
TM-30 Rg: 97.7
Beam Angle (50%): 16.5°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 21.8°

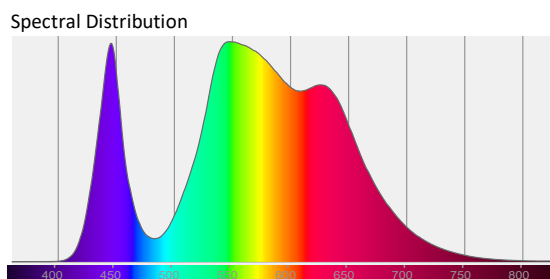
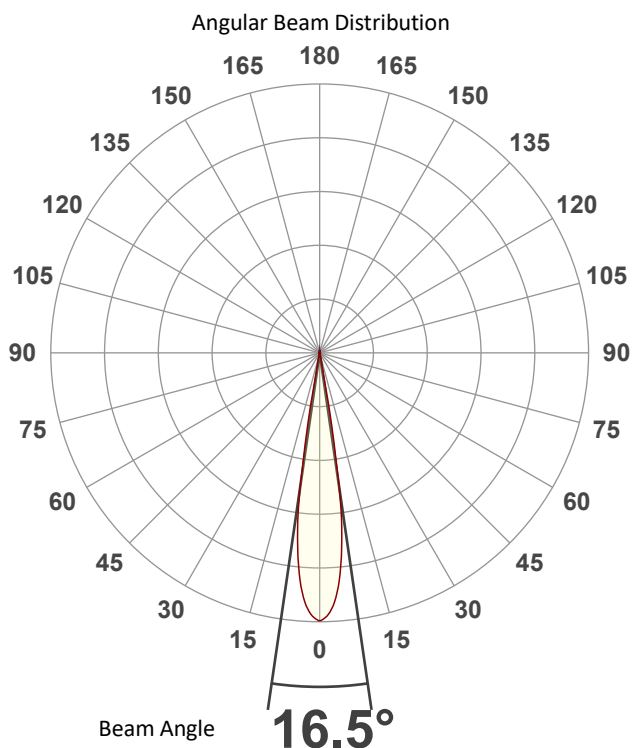


Conditions

AC Supply: 112 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

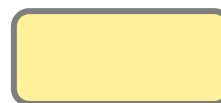
Overall Measurement



Tested Color (CIE 1931):

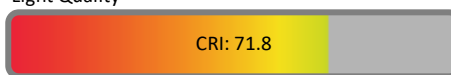
X: 0.384

Y: 0.387



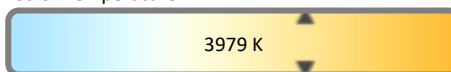
Light Quality

CRI: 71.8



Color Temperature

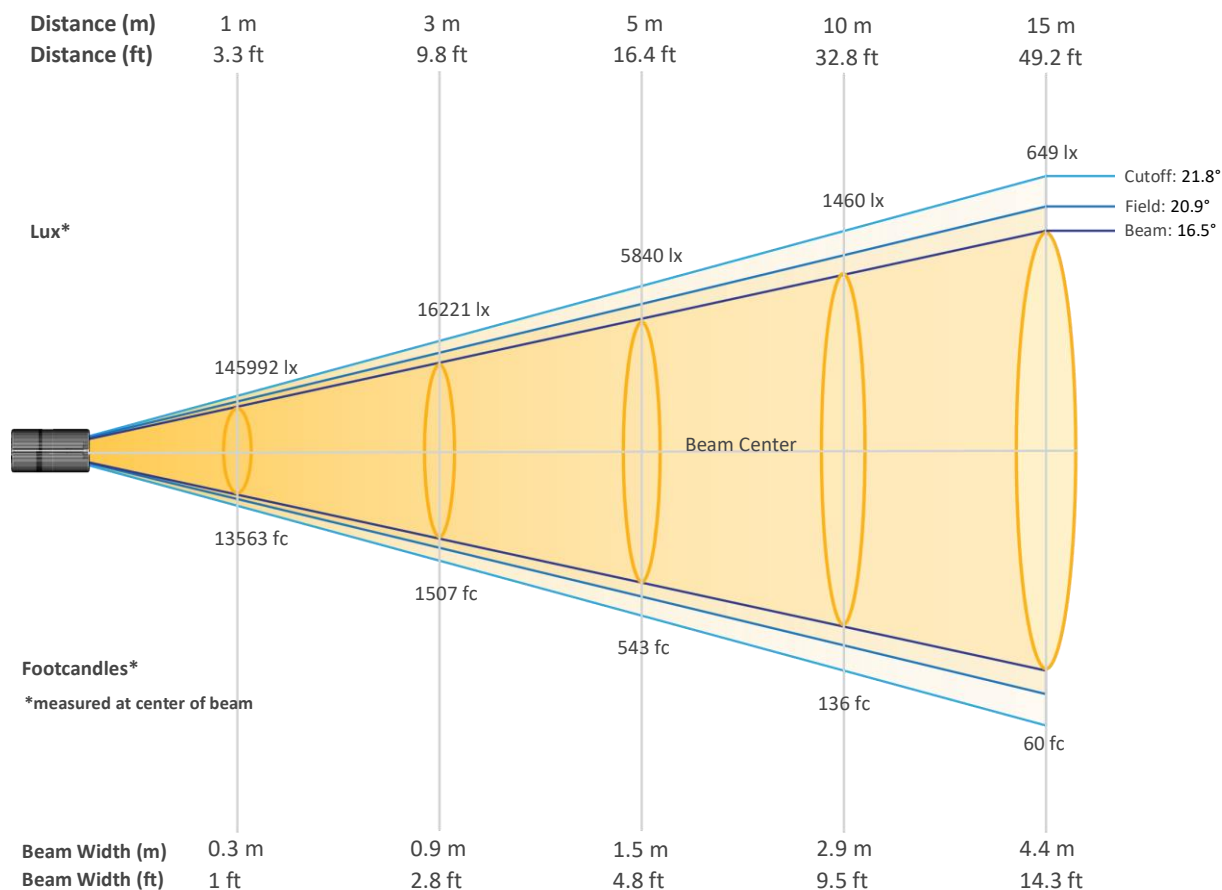
3979 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 4000K

Beam Details

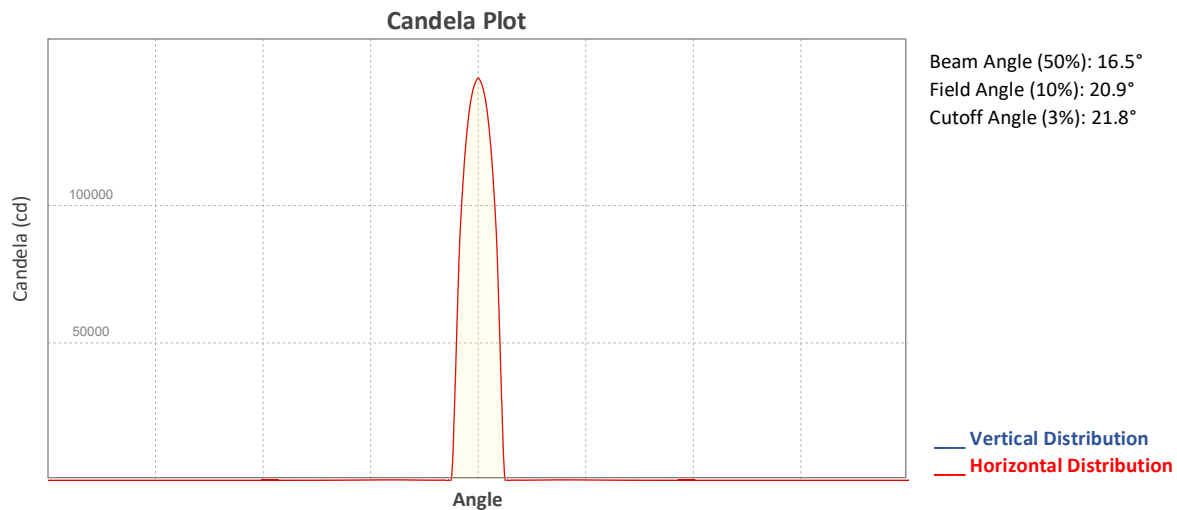


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	145992	36498	16221	9125	5840	4055	2979	2281	1802	1460
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1207	1014	864	745	649	570	505	451	404	365
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13563	3391	1507	848	543	377	277	212	167	136
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	112	94	80	69	60	53	47	42	38	34

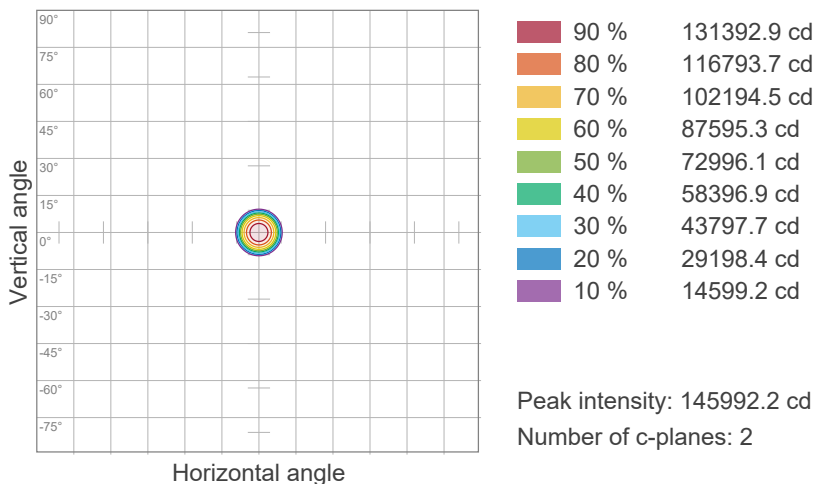
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 4000K

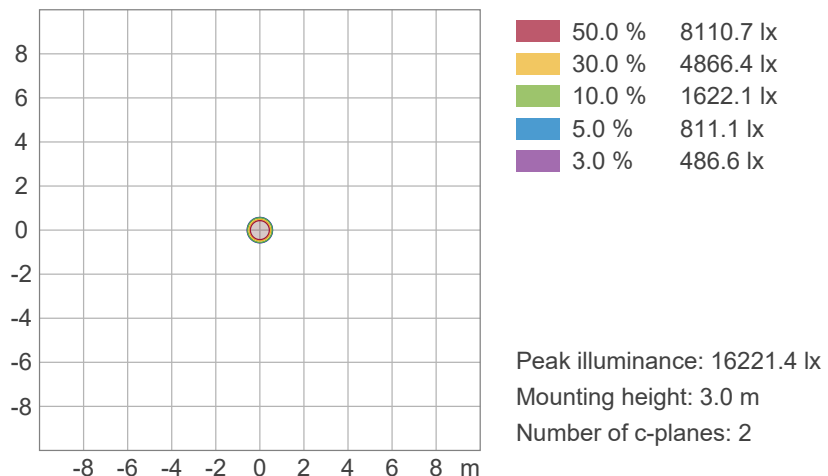


ISO Diagrams

ISO Candela Diagram



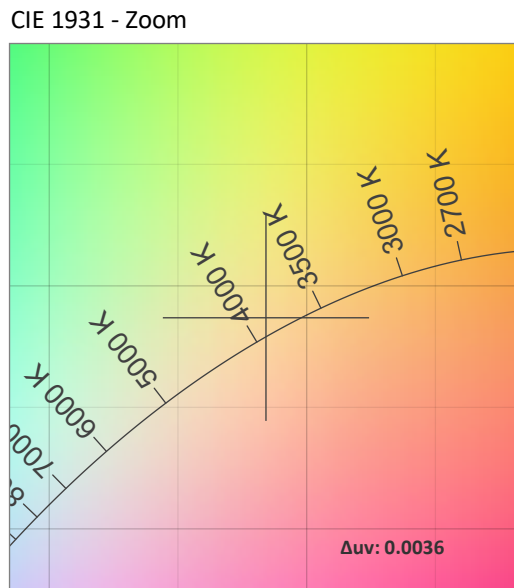
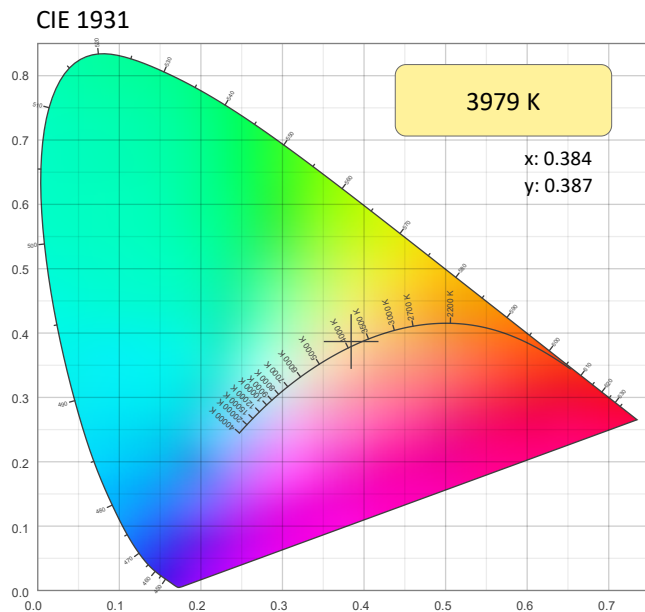
ISO Lux Diagram



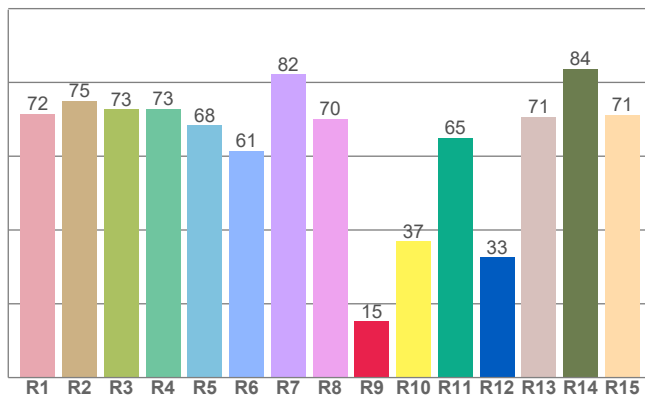
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 4000K

Chromaticity



CRI: 71.8 (R1-R8)

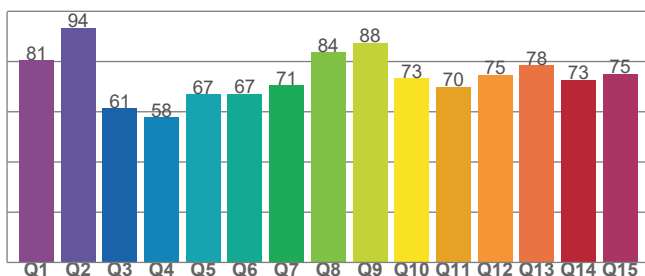


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3979 K	0.384	0.387

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0036	0.387	0.224

CQS: 72.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	15.2	72.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.7	97.7

Photometric & Chromaticity Report

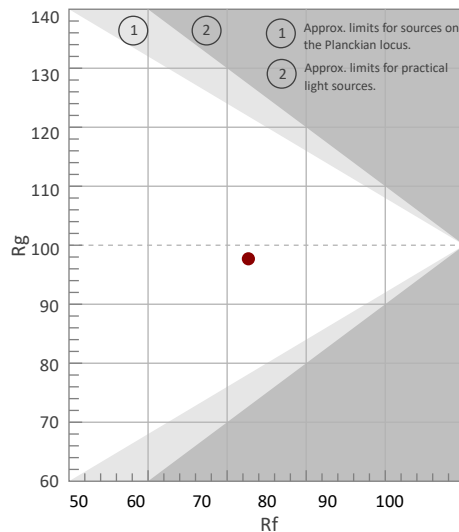
Maverick Storm 2 Profile M: 50% Zoom - Full Power - 4000K

TM-30 Details

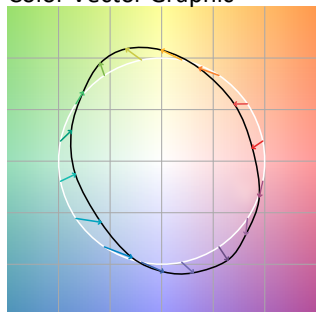
Rf 72.7
Fidelity Index (Rg)

Rg 97.7
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	79	-11%	-5%
2	78	-11%	7%
3	62	-5%	20%
4	66	6%	21%
5	75	14%	13%
6	81	12%	-3%
7	80	1%	-13%
8	77	-8%	-12%
9	78	-15%	-4%
10	60	-18%	16%
11	58	-6%	28%
12	59	5%	23%
13	79	12%	9%
14	79	15%	0%
15	78	7%	-14%
16	76	0%	-15%



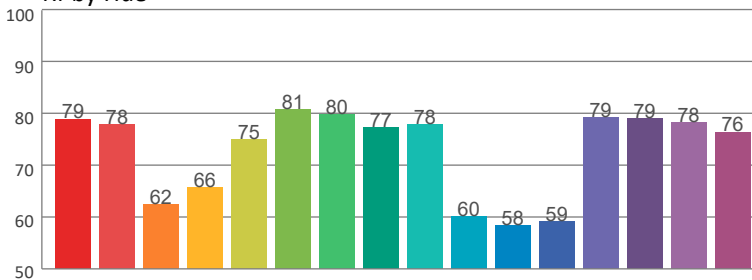
Color Vector Graphic



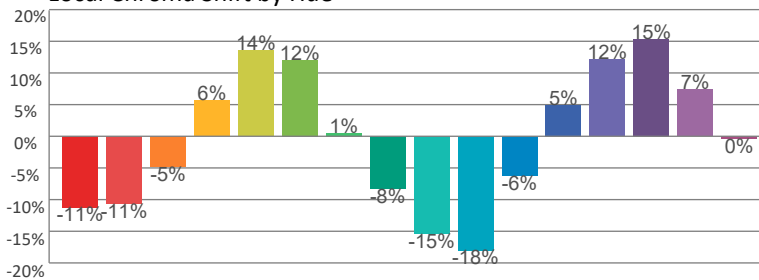
Color Distortion Graphic



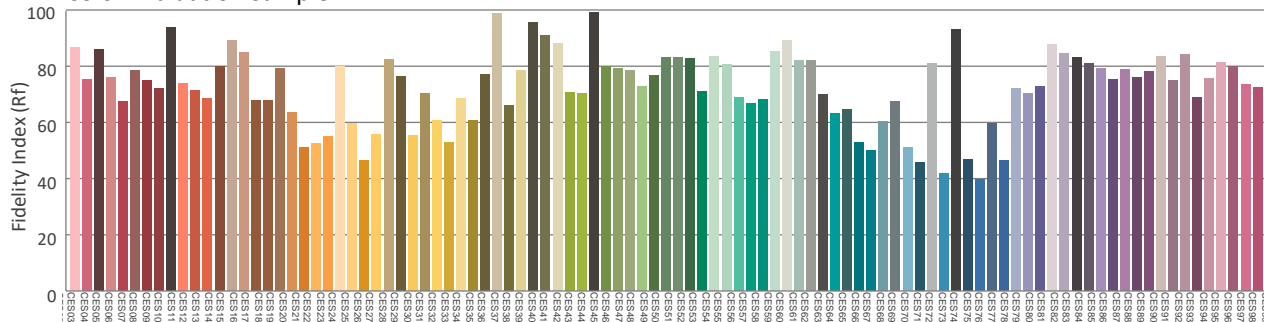
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 5600K

Report Summary

Measurements

Fixture Output: 14573 lm
Fixture Peak: 226263 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 9051 lux
Color Temperature: 5555 K
CRI: 73.0 CRI R9 Value: 5.3
CQS: 71.3
TLCI: 55
TM-30 Rf: 71.8
TM-30 Rg: 98.6
Beam Angle (50%): 16.4°
Field Angle (10%): 20.5°
Cutoff Angle (3%): 21.3°

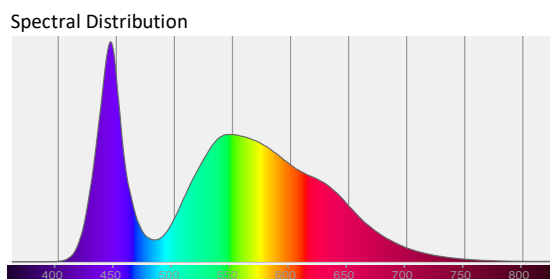
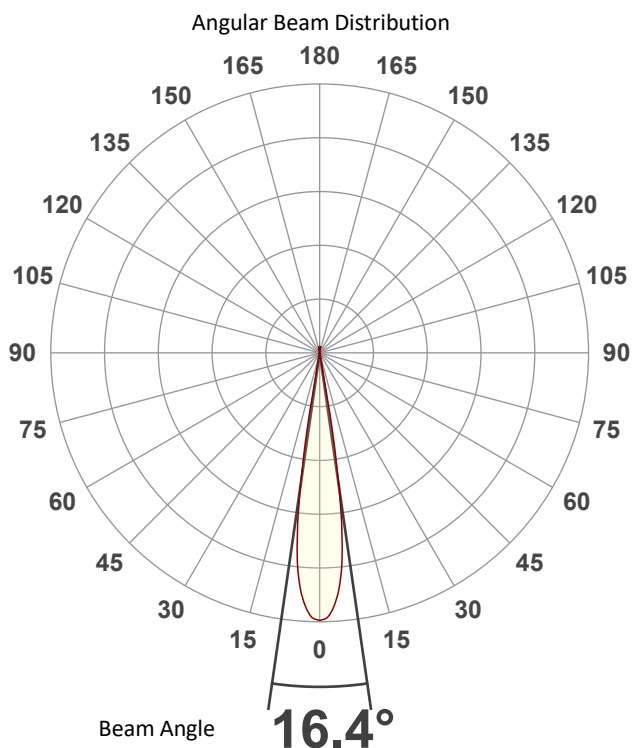


Conditions

AC Supply: 113 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/5/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

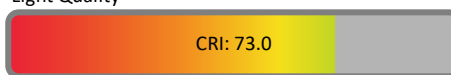
X: 0.331

Y: 0.338



Light Quality

CRI: 73.0



Color Temperature

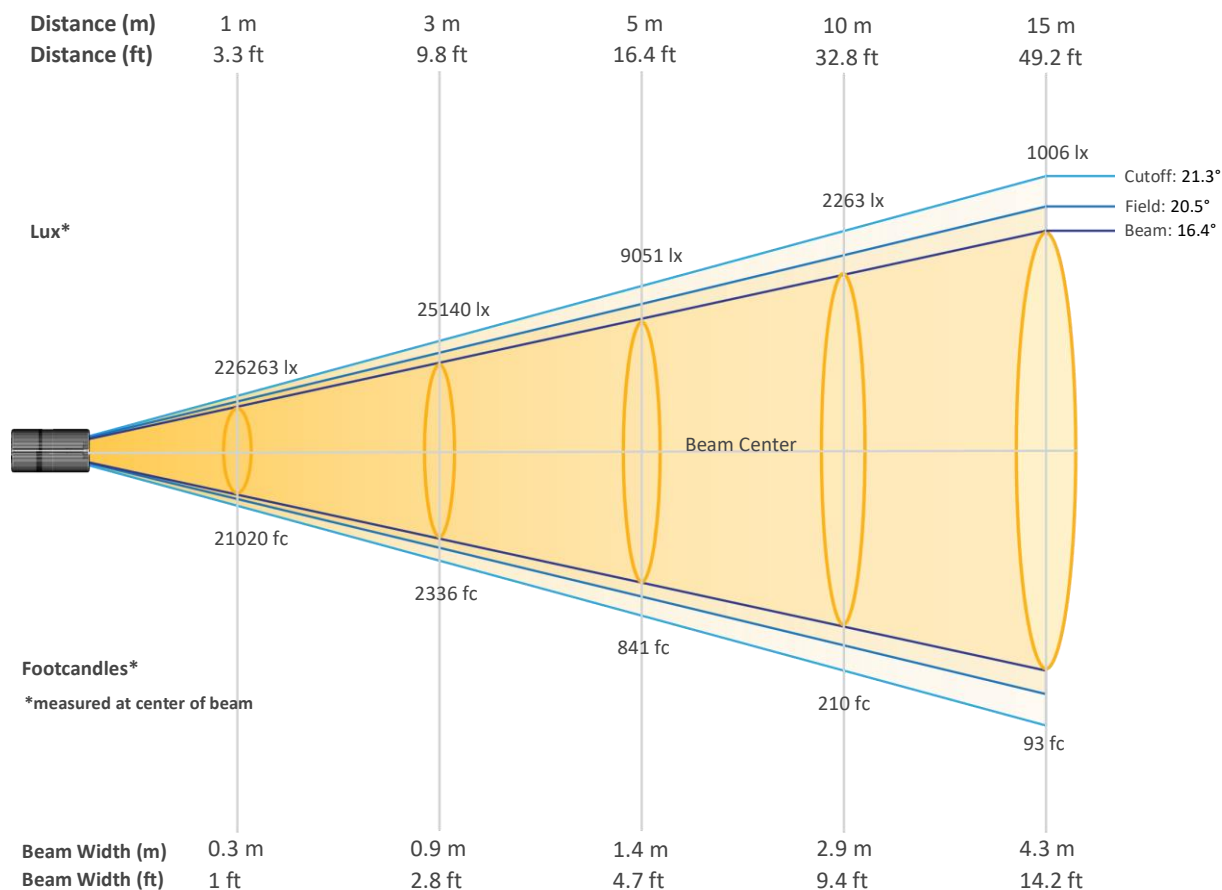
5555 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 5600K

Beam Details

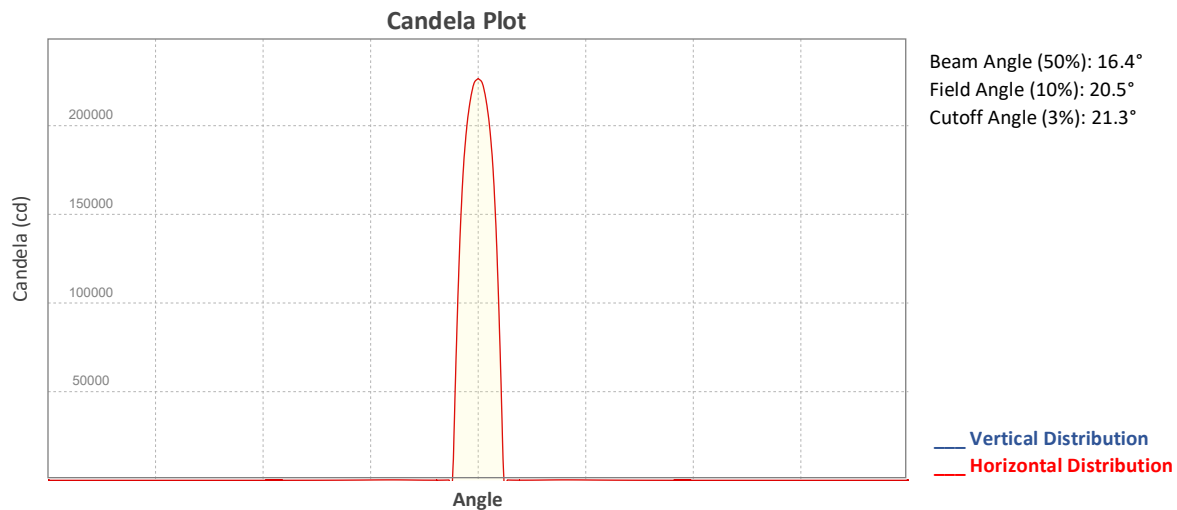


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	226263	56566	25140	14141	9051	6285	4618	3535	2793	2263
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1870	1571	1339	1154	1006	884	783	698	627	566
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21020	5255	2336	1314	841	584	429	328	260	210
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	174	146	124	107	93	82	73	65	58	53

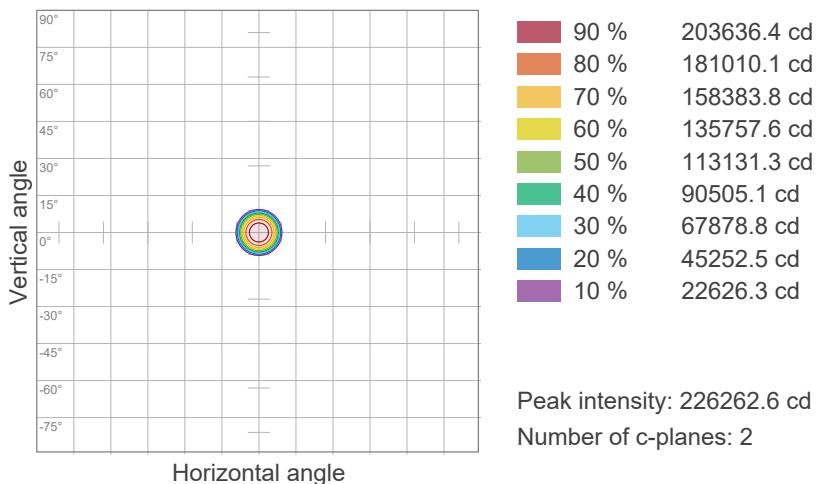
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 5600K

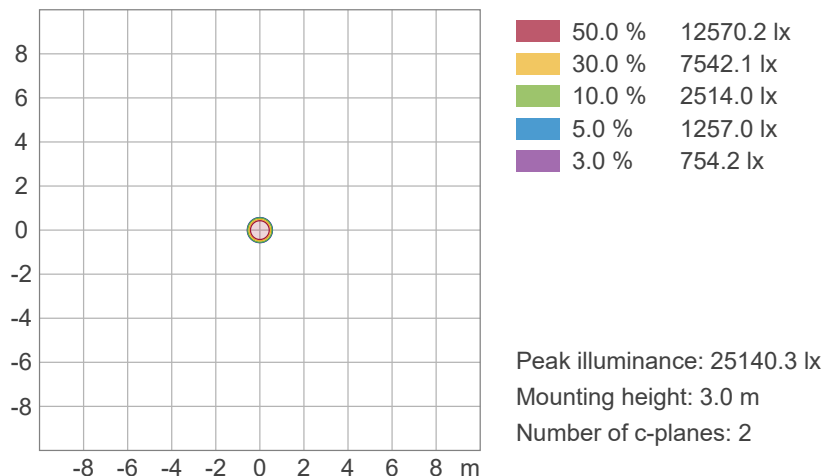


ISO Diagrams

ISO Candela Diagram



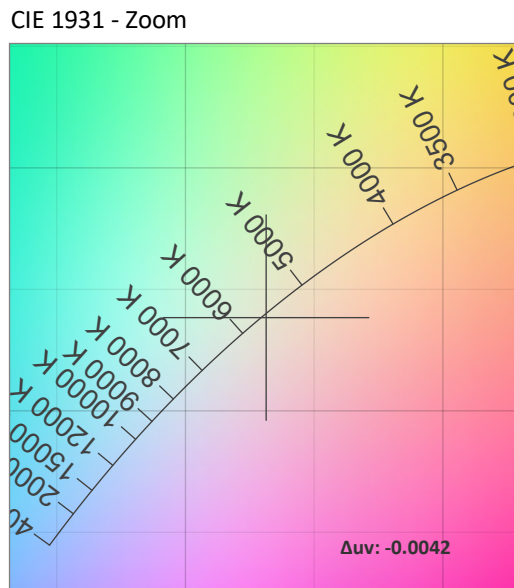
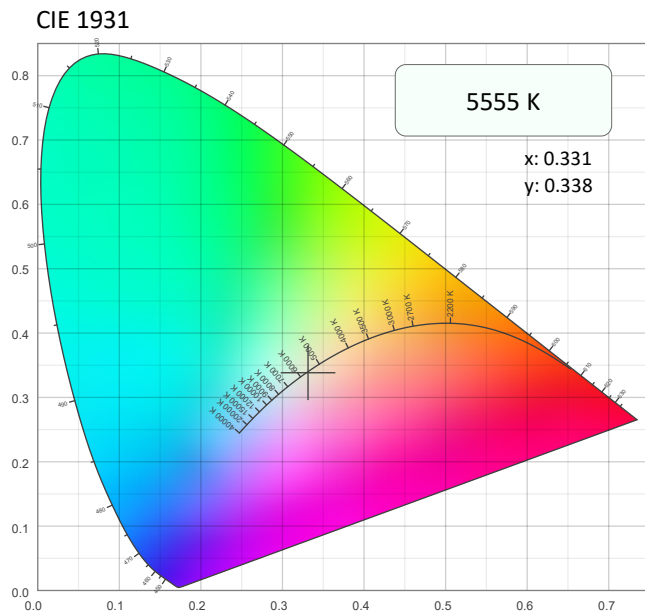
ISO Lux Diagram



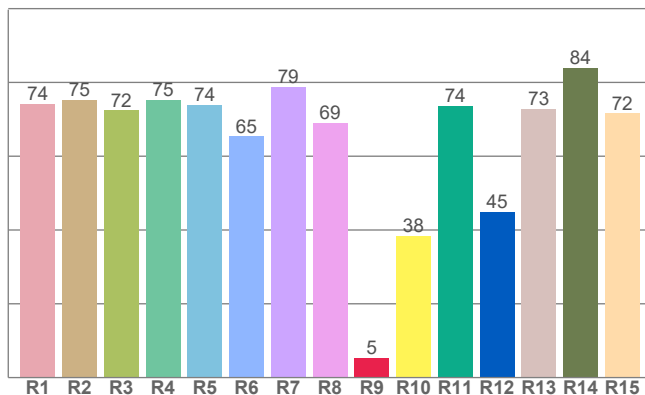
Photometric & Chromaticity Report

Maverick Storm 2 Profile M: 50% Zoom - Full Power - 5600K

Chromaticity



CRI: 73.0 (R1-R8)

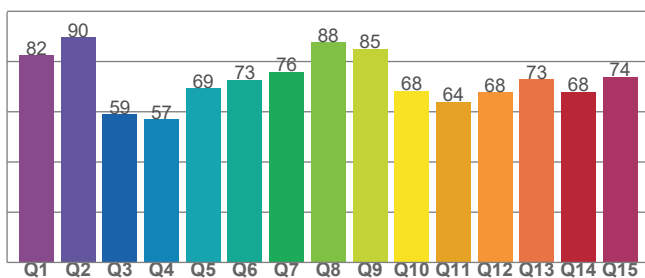


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5555 K	0.331	0.338

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.338	0.207

CQS: 71.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.0	5.3	71.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	71.8	98.6

Photometric & Chromaticity Report

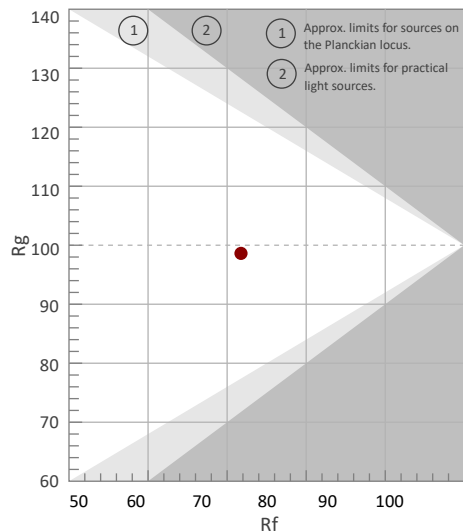
Maverick Storm 2 Profile M: 50% Zoom - Full Power - 5600K

TM-30 Details

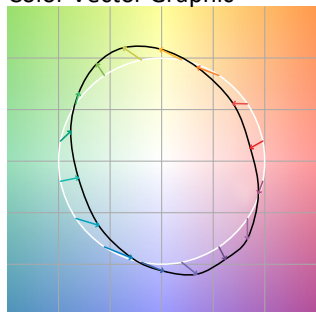
Rf 71.8
Fidelity Index
(Rg)

Rg 98.6
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	75	-13%	-4%
2	77	-11%	8%
3	62	-5%	22%
4	63	6%	23%
5	70	15%	15%
6	80	13%	0%
7	83	4%	-10%
8	77	-8%	-11%
9	80	-18%	0%
10	62	-15%	18%
11	54	-6%	28%
12	67	4%	22%
13	78	14%	12%
14	76	13%	-1%
15	77	11%	-16%
16	79	-2%	-12%



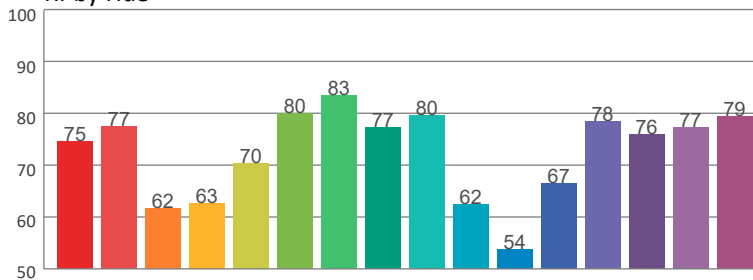
Color Vector Graphic



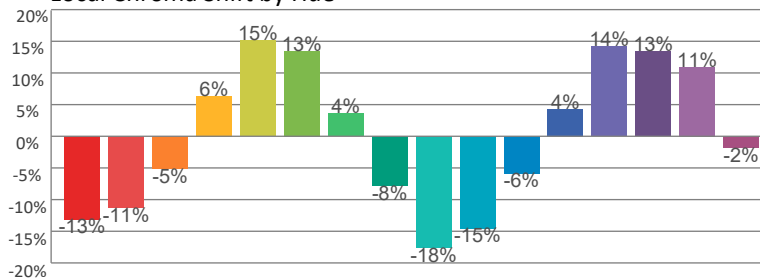
Color Distortion Graphic



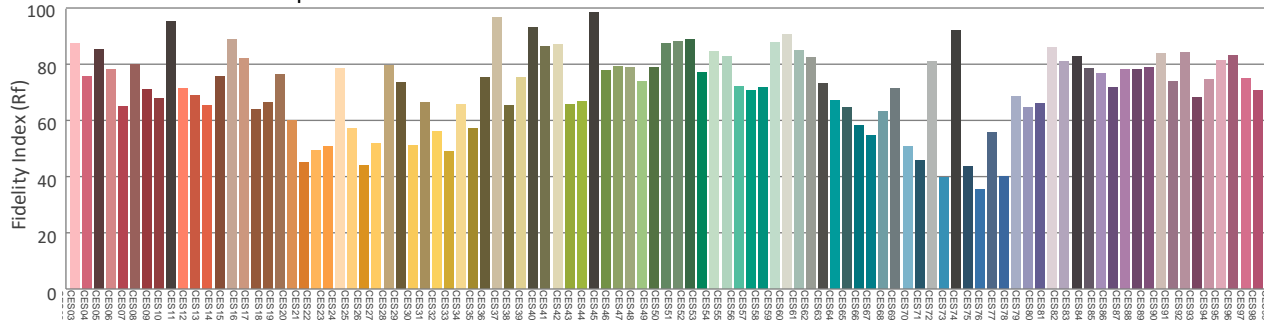
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

General Information	Technical Support
Chauvet World Headquarters	
3360 Davie Rd., Suite 509 Davie, FL 33314 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetprofessional.com
Chauvet U.K.	
Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Benelux	
Stokstraat 18 9770 Kruishoutem Belgium Voice: +32 9 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet France	
3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvet.com.mx Website: www.chauvetprofessional.mx

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.

