

PHOTOMETRICS REPORT

MAVERICK STORM

2 PROFILE



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 - Fan set to Full	3
Report Summary.....	3
Overall Measurement.....	3
Beam Details.....	4
ISO Diagrams.....	5
Chromaticity.....	6
TM-30 Details.....	7
Full Flood - Full Power - Fan set to Auto	8
Report Summary.....	8
Overall Measurement.....	8
Beam Details.....	9
ISO Diagrams.....	10
Chromaticity.....	11
TM-30 Details.....	12
Full Flood - Full Power - Fan set to Eco	13
Report Summary.....	13
Overall Measurement.....	13
Beam Details.....	14
ISO Diagrams.....	15
Chromaticity.....	16
TM-30 Details.....	17
Full Flood - Full Power - Fan set to TV-25	18
Report Summary.....	18
Overall Measurement.....	18
Beam Details.....	19
ISO Diagrams.....	20
Chromaticity.....	21
TM-30 Details.....	22
Full Flood - Full Power - Fan set to TV-35	23
Report Summary.....	23
Overall Measurement.....	23

Beam Details	24
ISO Diagrams	25
Chromaticity.....	26
TM-30 Details	27
Full Flood - Full Power - Stable - Fan set to TV-25.....	28
Report Summary.....	28
Overall Measurement.....	28
Beam Details	29
ISO Diagrams	30
Chromaticity.....	31
TM-30 Details	32
Full Flood - Full Power - Stable - Fan set to TV-35	33
Report Summary.....	33
Overall Measurement.....	33
Beam Details	34
ISO Diagrams	35
Chromaticity.....	36
TM-30 Details	37
Full Spot - Full Power - Fan set to Full.....	38
Report Summary.....	38
Overall Measurement.....	38
Beam Details	39
ISO Diagrams	40
Chromaticity.....	41
TM-30 Details	42
Full Spot - Full Power - Fan set to Auto.....	43
Report Summary.....	43
Overall Measurement.....	43
Beam Details	44
ISO Diagrams	45
Chromaticity.....	46
TM-30 Details	47
Full Spot - Full Power - Fan set to Eco.....	48
Report Summary.....	48
Overall Measurement.....	48
Beam Details	49
ISO Diagrams	50
Chromaticity.....	51

TM-30 Details	52
Full Spot - Full Power - Fan set to TV-25.....	53
Report Summary.....	53
Overall Measurement.....	53
Beam Details.....	54
ISO Diagrams	55
Chromaticity.....	56
TM-30 Details	57
Full Spot - Full Power - Fan set to TV-35.....	58
Report Summary.....	58
Overall Measurement.....	58
Beam Details.....	59
ISO Diagrams	60
Chromaticity.....	61
TM-30 Details	62
Full Spot - Full Power - Stable - Fan set to TV-25	63
Report Summary.....	63
Overall Measurement.....	63
Beam Details.....	64
ISO Diagrams	65
Chromaticity.....	66
TM-30 Details	67
Full Spot - Full Power - Stable - Fan set to TV-35	68
Report Summary.....	68
Overall Measurement.....	68
Beam Details.....	69
ISO Diagrams	70
Chromaticity.....	71
TM-30 Details	72
50% Zoom - Full Power - Fan set to Full	73
Report Summary.....	73
Overall Measurement.....	73
Beam Details.....	74
ISO Diagrams	75
Chromaticity.....	76
TM-30 Details	77
50% Zoom-Cyan - Full Power - Fan set to Full.....	78
Report Summary.....	78

Overall Measurement.....	78
Beam Details.....	79
ISO Diagrams.....	80
Chromaticity.....	81
TM-30 Details.....	82
50% Zoom-Magenta - Full Power - Fan set to Full.....	83
Report Summary.....	83
Overall Measurement.....	83
Beam Details.....	84
ISO Diagrams.....	85
Chromaticity.....	86
TM-30 Details.....	87
50% Zoom-Yellow - Full Power - Fan set to Full.....	88
Report Summary.....	88
Overall Measurement.....	88
Beam Details.....	89
ISO Diagrams.....	90
Chromaticity.....	91
TM-30 Details.....	92
50% Zoom - 4000K - Magenta +Yellow - Full Power - Fan set to Auto.....	93
Report Summary.....	93
Overall Measurement.....	93
Beam Details.....	94
ISO Diagrams.....	95
Chromaticity.....	96
TM-30 Details.....	97
50% Zoom - 5600K - Magenta +Yellow - Full Power - Fan set to Auto -.....	98
Report Summary.....	98
Overall Measurement.....	98
Beam Details.....	99
ISO Diagrams.....	100
Chromaticity.....	101
TM-30 Details.....	102
50% Zoom - Full Power - Fan set to Auto.....	103
Report Summary.....	103
Overall Measurement.....	103
Beam Details.....	104
ISO Diagrams.....	105

Chromaticity.....	106
TM-30 Details	107
50% Zoom - Full Power - Fan set to Eco	108
Report Summary.....	108
Overall Measurement.....	108
Beam Details.....	109
ISO Diagrams	110
Chromaticity.....	111
TM-30 Details	112
50% Zoom - Full Power - Fan set to TV-25	113
Report Summary.....	113
Overall Measurement.....	113
Beam Details.....	114
ISO Diagrams	115
Chromaticity.....	116
TM-30 Details	117
50% Zoom - Full Power - Fan set to TV-35	118
Report Summary.....	118
Overall Measurement.....	118
Beam Details.....	119
ISO Diagrams	120
Chromaticity.....	121
TM-30 Details	122
50% Zoom-CRI - Full Power - Fan set to Full	123
Report Summary.....	123
Overall Measurement.....	123
Beam Details.....	124
ISO Diagrams	125
Chromaticity.....	126
TM-30 Details	127
50% Zoom-CRI - Full Power - Fan set to Auto	128
Report Summary.....	128
Overall Measurement.....	128
Beam Details.....	129
ISO Diagrams	130
Chromaticity.....	131
TM-30 Details	132
50% Zoom-CRI - Full Power - Fan set to Eco	133

Report Summary.....	133
Overall Measurement.....	133
Beam Details.....	134
ISO Diagrams	135
Chromaticity.....	136
TM-30 Details	137
50% Zoom-CRI - Full Power - Fan set to TV-25	138
Report Summary.....	138
Overall Measurement.....	138
Beam Details.....	139
ISO Diagrams	140
Chromaticity.....	141
TM-30 Details	142
50% Zoom-CRI - Full Power - Fan set to TV-35	143
Report Summary.....	143
Overall Measurement.....	143
Beam Details.....	144
ISO Diagrams	145
Chromaticity.....	146
TM-30 Details	147
50% Zoom-CTO - Full Power - Fan set to Full	148
Report Summary.....	148
Overall Measurement.....	148
Beam Details.....	149
ISO Diagrams	150
Chromaticity.....	151
TM-30 Details	152
50% Zoom-CTO - Full Power - Fan set to Auto	153
Report Summary.....	153
Overall Measurement.....	153
Beam Details.....	154
ISO Diagrams	155
Chromaticity.....	156
TM-30 Details	157
50% Zoom-CTO - Full Power - Fan set to Eco	158
Report Summary.....	158
Overall Measurement.....	158
Beam Details.....	159

ISO Diagrams	160
Chromaticity.....	161
TM-30 Details	162
50% Zoom-CTO - Full Power - Fan set to TV-25	163
Report Summary.....	163
Overall Measurement.....	163
Beam Details.....	164
ISO Diagrams	165
Chromaticity.....	166
TM-30 Details	167
50% Zoom-CTO - Full Power - Fan set to TV-35	168
Report Summary.....	168
Overall Measurement.....	168
Beam Details.....	169
ISO Diagrams	170
Chromaticity.....	171
TM-30 Details	172
50% Zoom - Full Power Stable - Fan set to TV-25.....	173
Report Summary.....	173
Overall Measurement.....	173
Beam Details.....	174
ISO Diagrams	175
Chromaticity.....	176
TM-30 Details	177
50% Zoom - Full Power Stable - Fan set to TV-35.....	178
Report Summary.....	178
Overall Measurement.....	178
Beam Details.....	179
ISO Diagrams	180
Chromaticity.....	181
TM-30 Details	182
Contact Us.....	183

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

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 28534 lm
Fixture Peak: 64489 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2580 lux
Color Temperature: 7028 K
CRI: 71.3 CRI R9 Value: -28.4
CQS: 70.8
TLCI: 51
TM-30 Rf: 72.3
TM-30 Rg: 94.5
Beam Angle (50%): 42.6°
Field Angle (10%): 54.7°
Cutoff Angle (3%): 58.6°

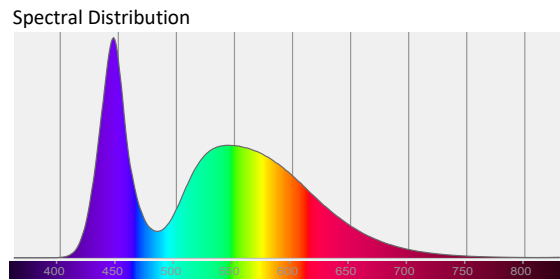
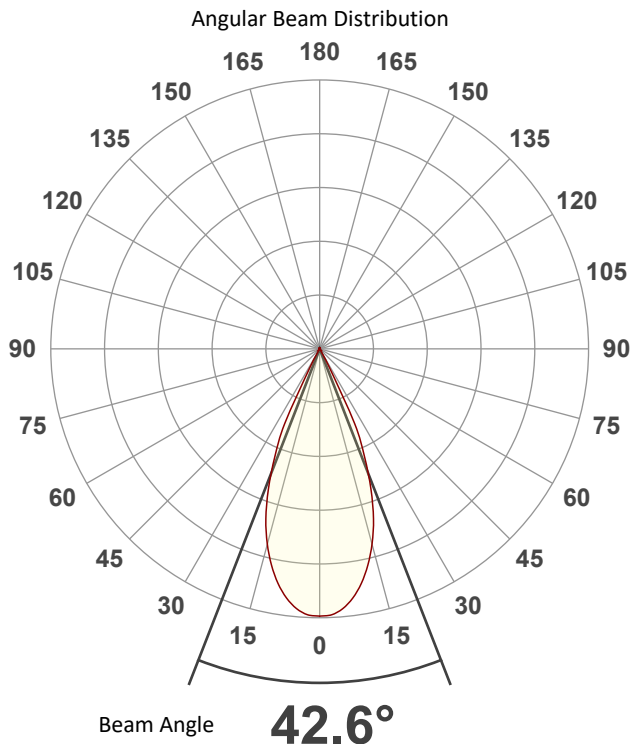


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

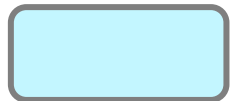
Overall Measurement



Tested Color (CIE 1931):

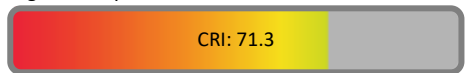
X: 0.305

Y: 0.323



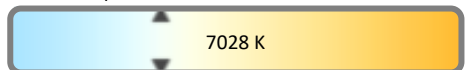
Light Quality

CRI: 71.3



Color Temperature

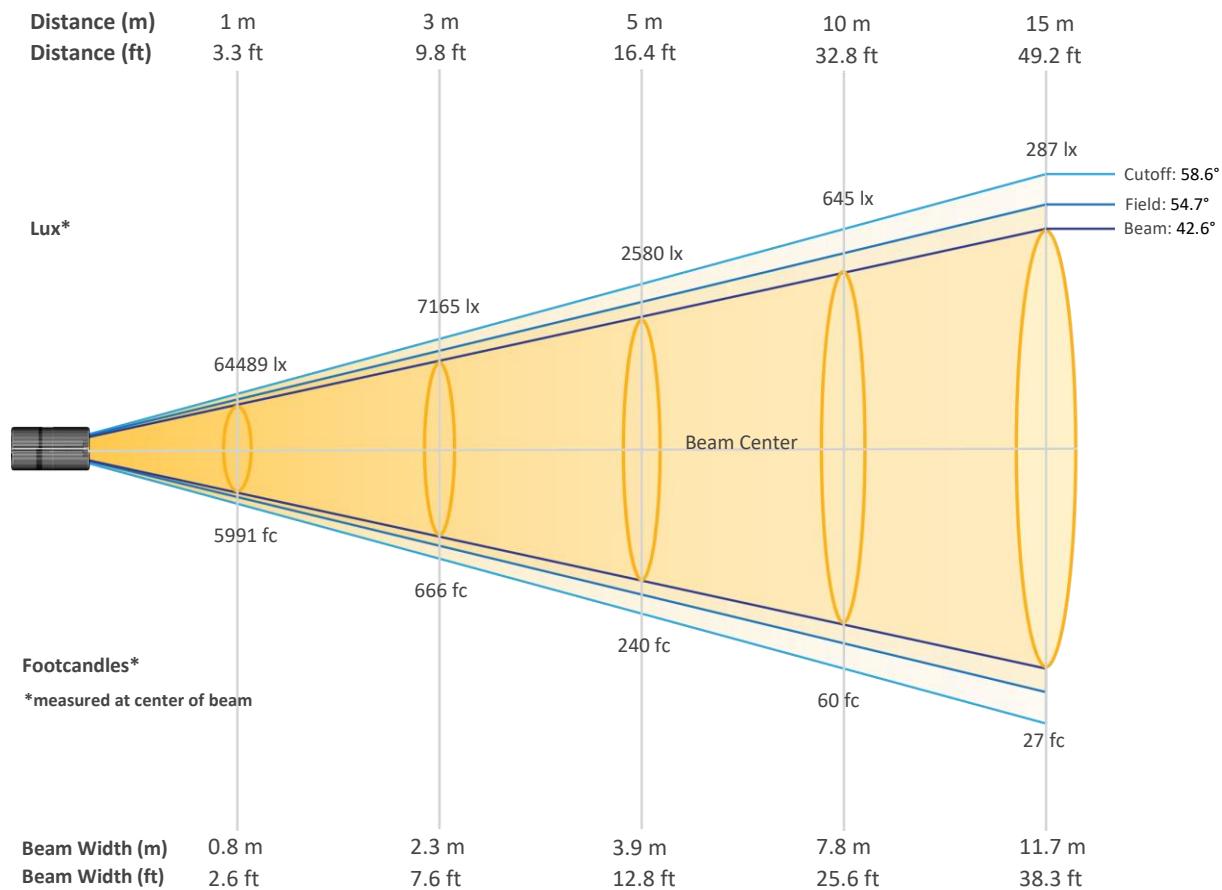
7028 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Full

Beam Details

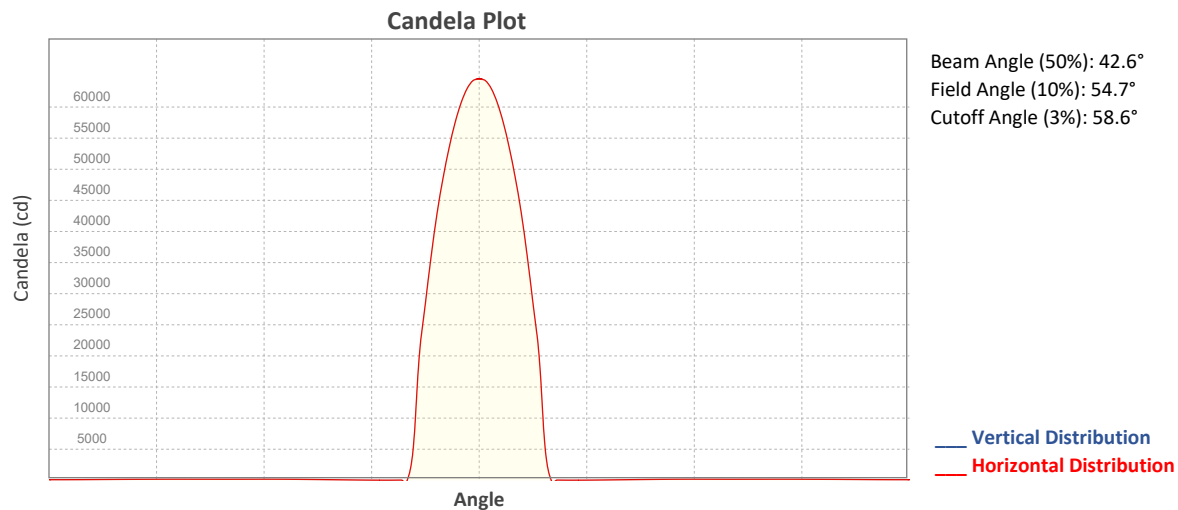


Beam Intensities from 1-20m (3.3-65.6ft)

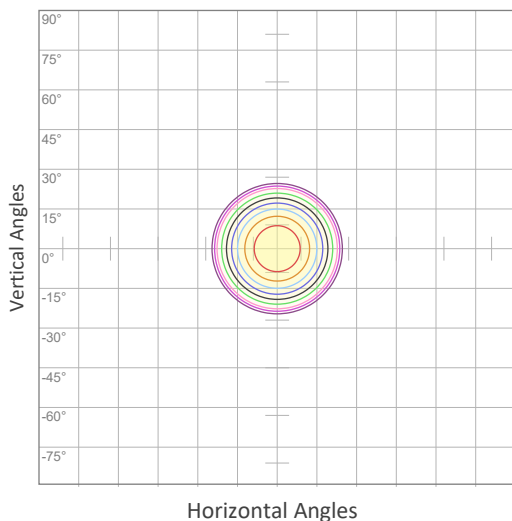
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	64489	16122	7165	4031	2580	1791	1316	1008	796	645
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	533	448	382	329	287	252	223	199	179	161
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5991	1498	666	374	240	166	122	94	74	60
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	35	31	27	23	21	18	17	15

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Full



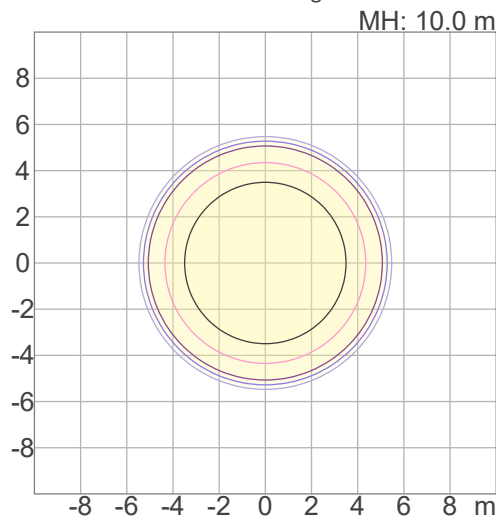
ISO Diagrams



ISO Candela Diagram

10%	6449 cd
20%	12898 cd
30%	19347 cd
40%	25796 cd
50%	32245 cd
60%	38693 cd
70%	45142 cd
80%	51591 cd
90%	58040 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 64489 cd



ISO Lux Diagram

3%	19.3 lx
5%	32.2 lx
10%	64.5 lx
30%	193 lx
50%	322 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 645 lx

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

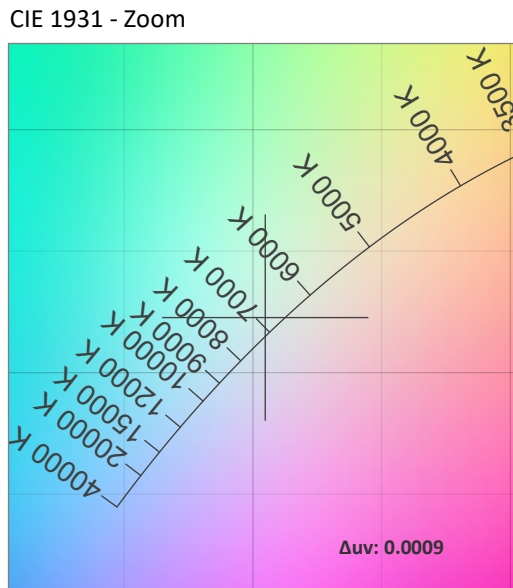
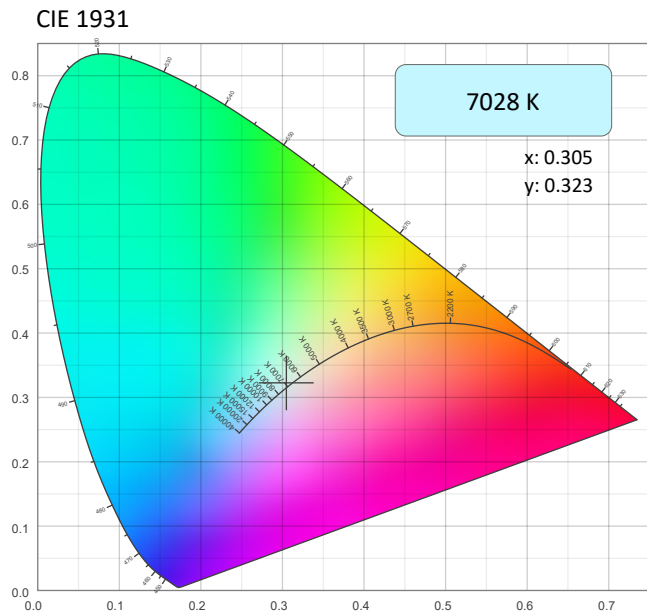
Mounting height: 10 meters / 33 feet



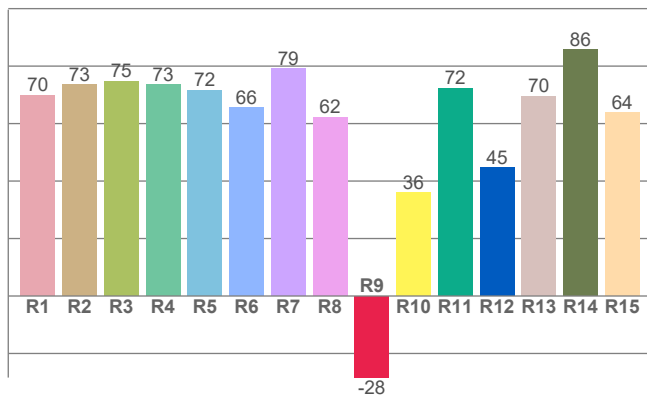
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Full

Chromaticity



CRI: 71.3 (R1-R8)

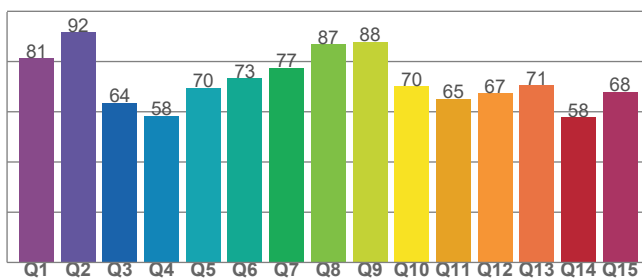


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7028 K	0.305	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.323	0.195

CQS: 70.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.3	-28.4	70.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.3	94.5



Photometric & Chromaticity Report

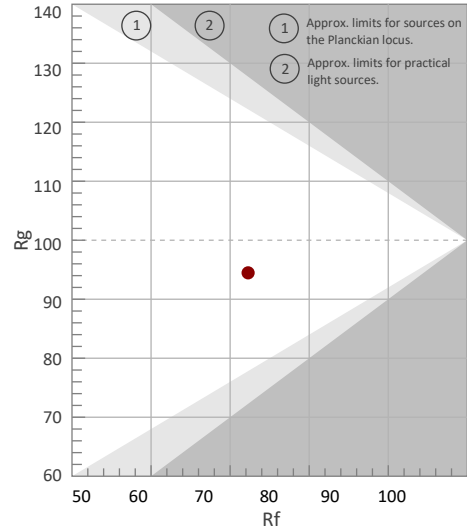
Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Full

TM-30 Details

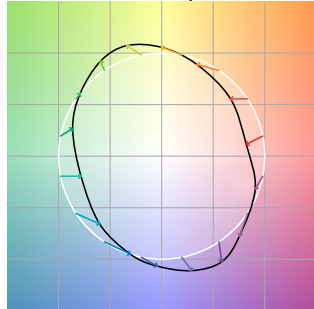
Rf 72.3
Fidelity Index
(Rg)

Rg 94.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	66	3%	21%
5	73	12%	12%
6	84	10%	-2%
7	90	-1%	-7%
8	77	-10%	-10%
9	77	-20%	4%
10	65	-13%	21%
11	45	-4%	27%
12	71	5%	16%
13	81	15%	7%
14	77	18%	-8%
15	71	6%	-22%
16	76	-5%	-13%



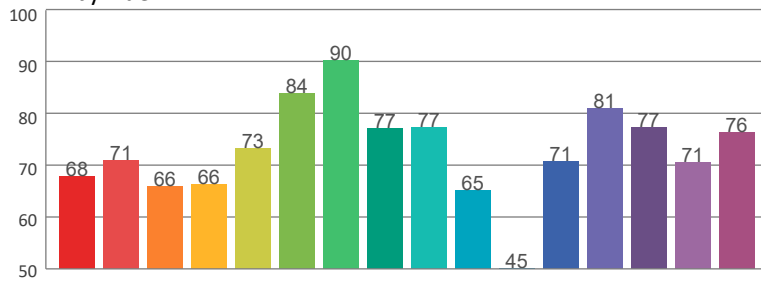
Color Vector Graphic



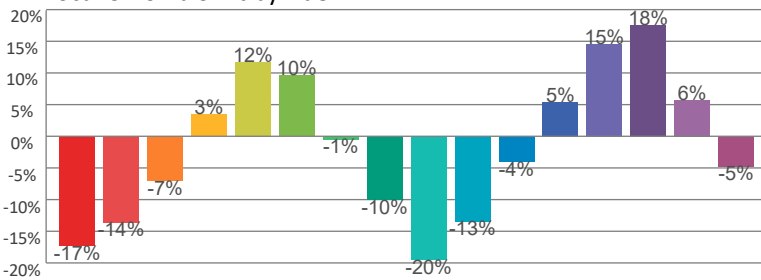
Color Distortion Graphic



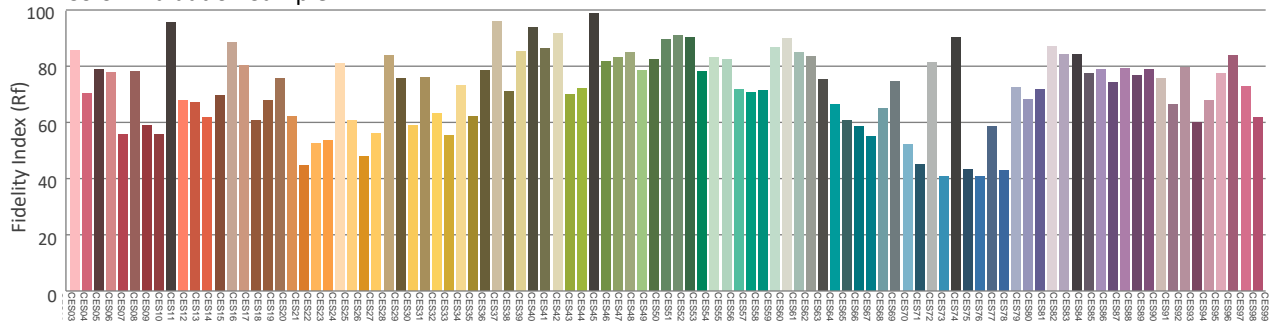
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 28089 lm
Fixture Peak: 63505 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2540 lux
Color Temperature: 7002 K
CRI: 71.4 CRI R9 Value: -28.4
CQS: 71.0
TLCI: 51
TM-30 Rf: 72.5
TM-30 Rg: 94.3
Beam Angle (50%): 42.5°
Field Angle (10%): 55.1°
Cutoff Angle (3%): 58.5°

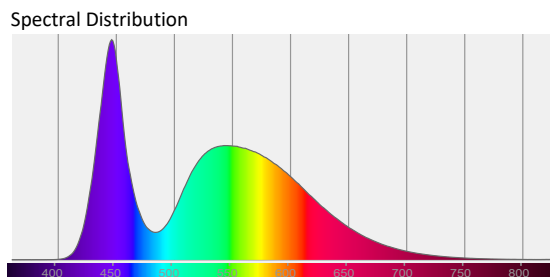
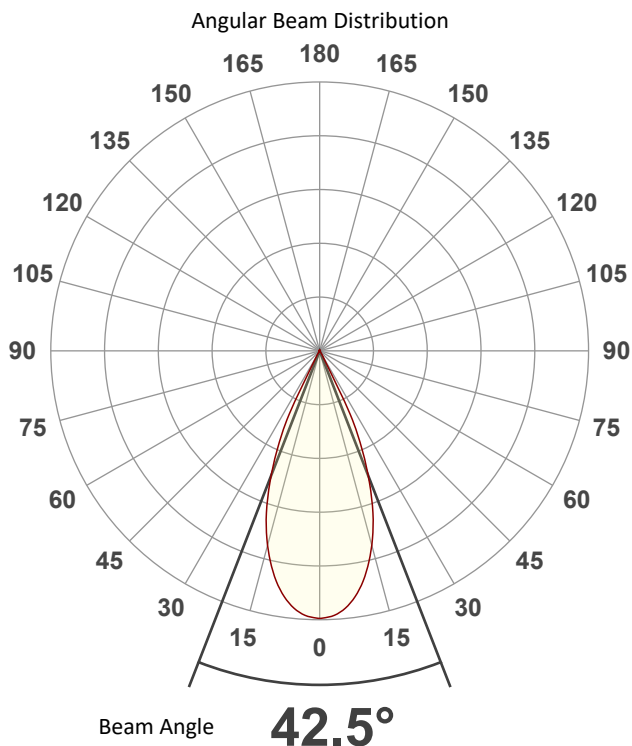


Conditions

AC Supply: 117 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

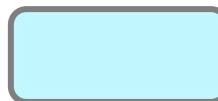
Overall Measurement



Tested Color (CIE 1931):

X: 0.305

Y: 0.323



Light Quality

CRI: 71.4

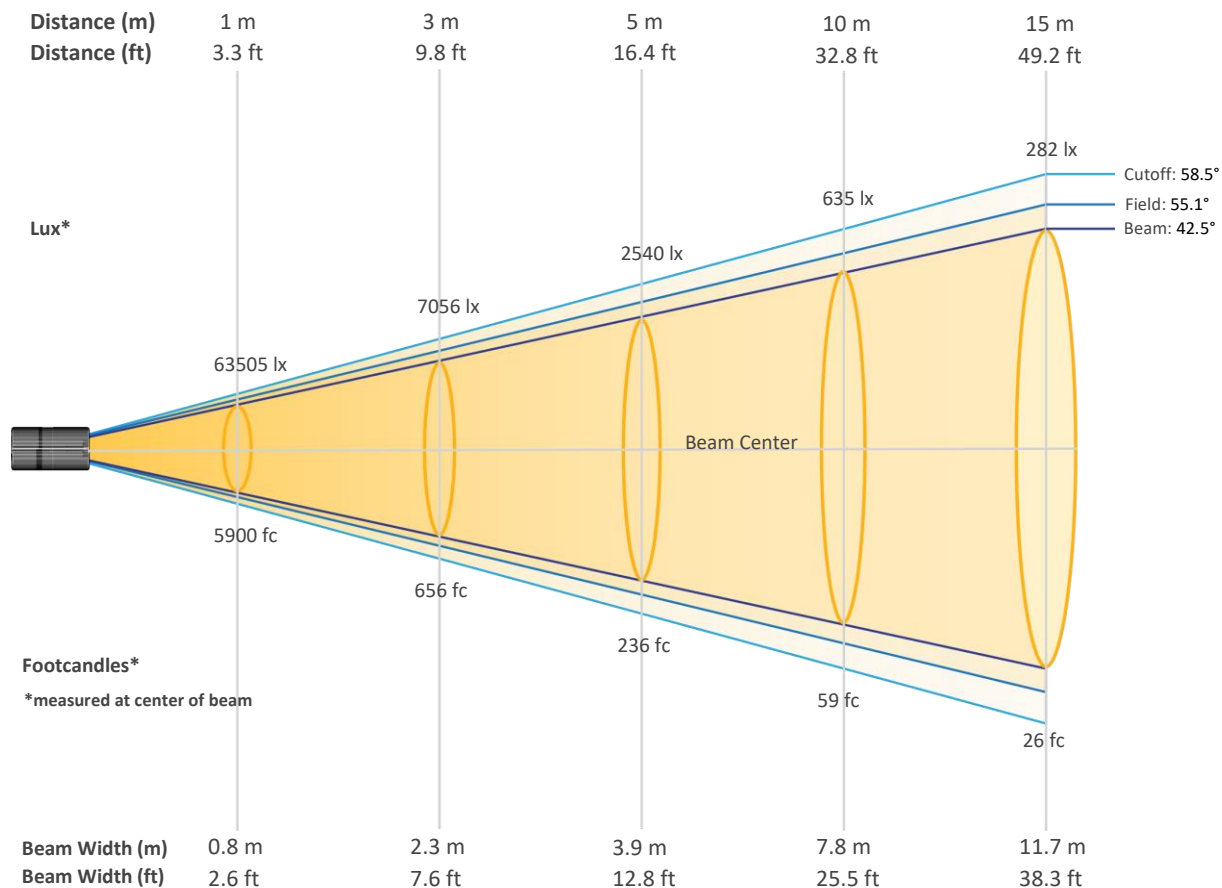
Color Temperature

7002 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Auto

Beam Details

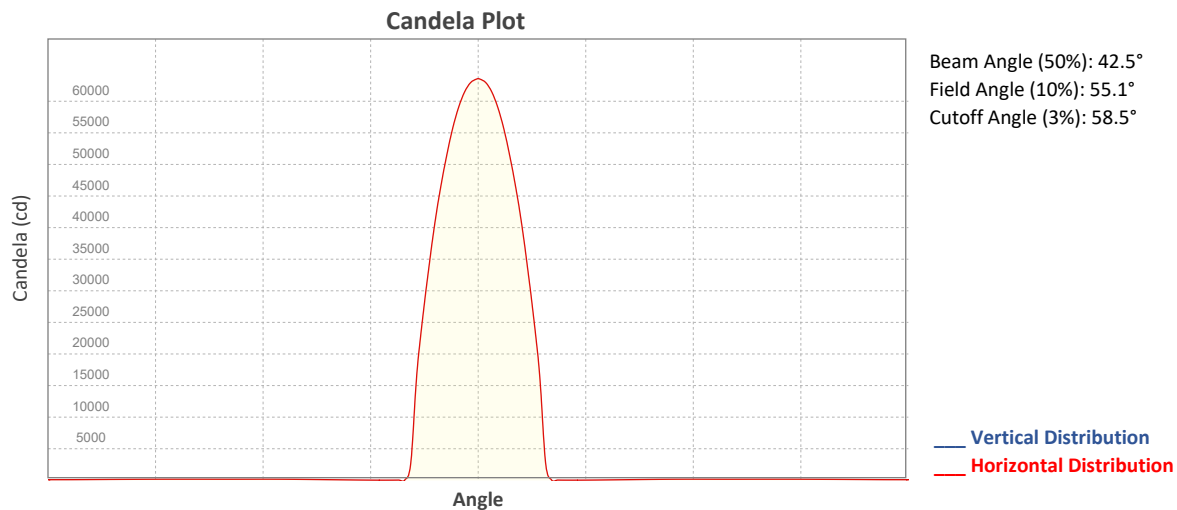


Beam Intensities from 1-20m (3.3-65.6ft)

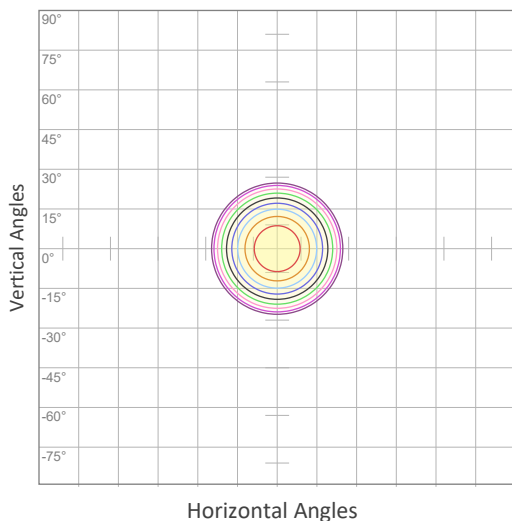
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	63505	15876	7056	3969	2540	1764	1296	992	784	635
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	525	441	376	324	282	248	220	196	176	159
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5900	1475	656	369	236	164	120	92	73	59
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	49	41	35	30	26	23	20	18	16	15

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Auto



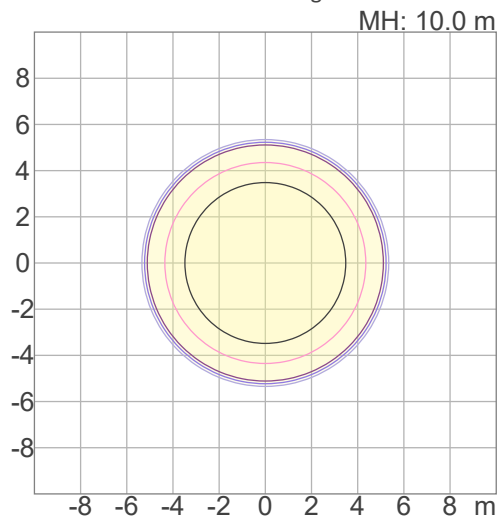
ISO Diagrams



ISO Candela Diagram

10%	6350 cd
20%	12701 cd
30%	19051 cd
40%	25402 cd
50%	31752 cd
60%	38103 cd
70%	44453 cd
80%	50804 cd
90%	57154 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 63505 cd



ISO Lux Diagram

3%	19.1 lx
5%	31.8 lx
10%	63.5 lx
30%	191 lx
50%	318 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 635 lx

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

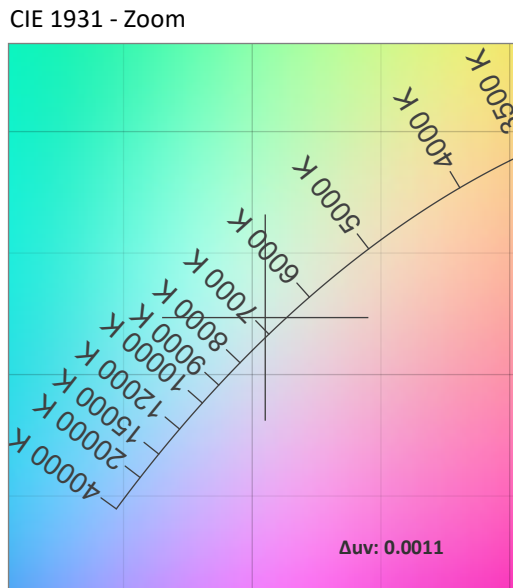
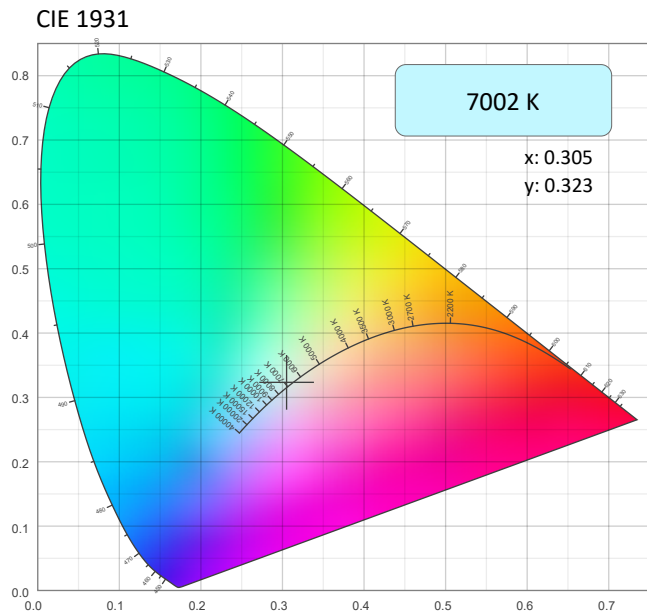
Mounting height: 10 meters / 33 feet



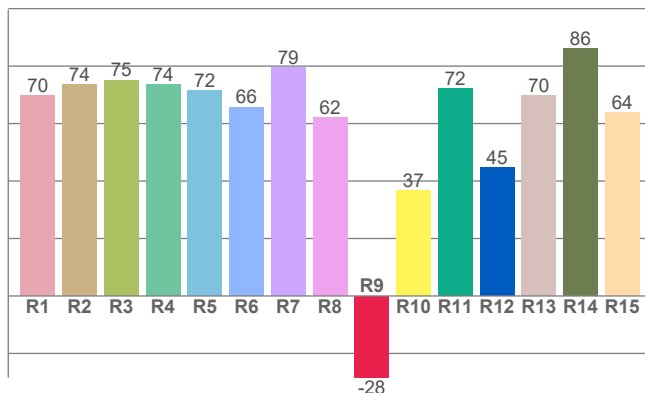
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Auto

Chromaticity



CRI: 71.4 (R1-R8)

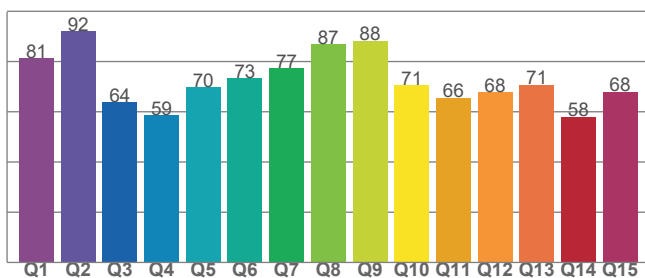


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7002 K	0.305	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0011	0.323	0.195

CQS: 71.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.4	-28.4	71.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.5	94.3

Photometric & Chromaticity Report

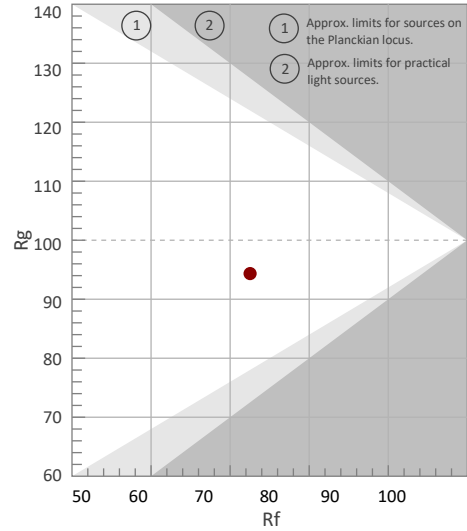
Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Auto

TM-30 Details

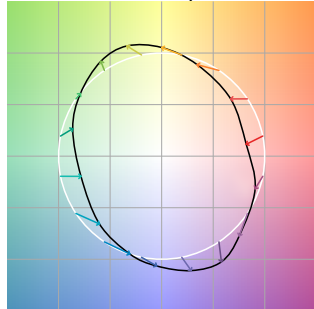
Rf 72.5
Fidelity Index (Rg)

Rg 94.3
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	67	3%	20%
5	74	11%	12%
6	84	9%	-2%
7	90	-1%	-7%
8	77	-10%	-9%
9	77	-19%	4%
10	65	-13%	21%
11	46	-4%	27%
12	71	5%	16%
13	81	14%	6%
14	77	17%	-9%
15	71	6%	-23%
16	76	-5%	-13%



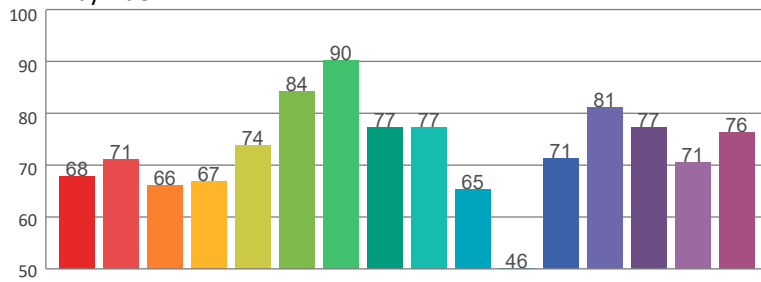
Color Vector Graphic



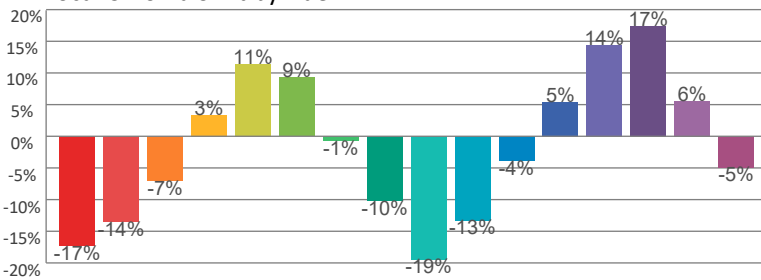
Color Distortion Graphic



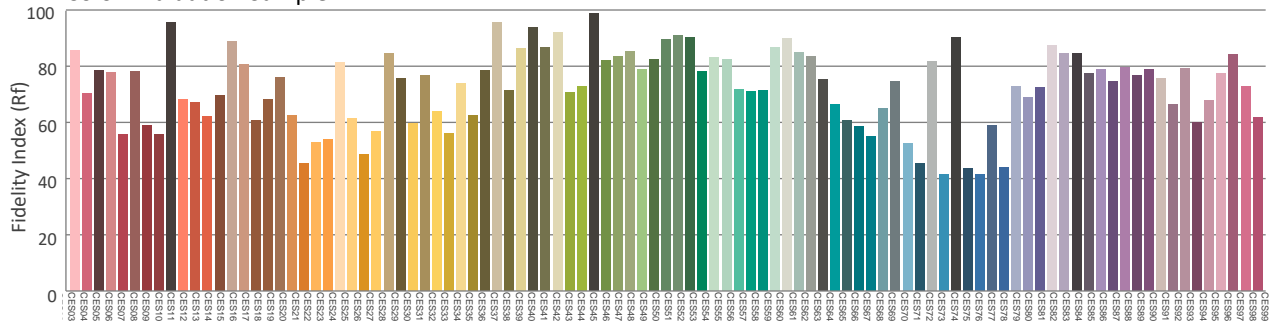
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Eco

Report Summary

Measurements

Fixture Output: 29039 lm
Fixture Peak: 65504 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2620 lux
Color Temperature: 6969 K
CRI: 71.0 CRI R9 Value: -29.6
CQS: 70.7
TLCI: 50
TM-30 Rf: 72.1
TM-30 Rg: 94.5
Beam Angle (50%): 42.5°
Field Angle (10%): 55°
Cutoff Angle (3%): 58.9°

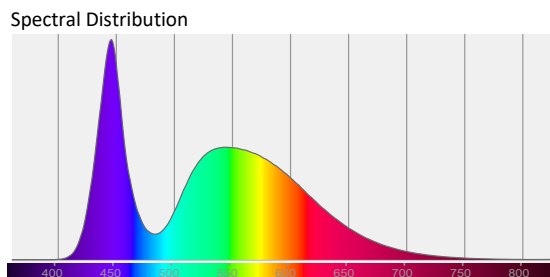
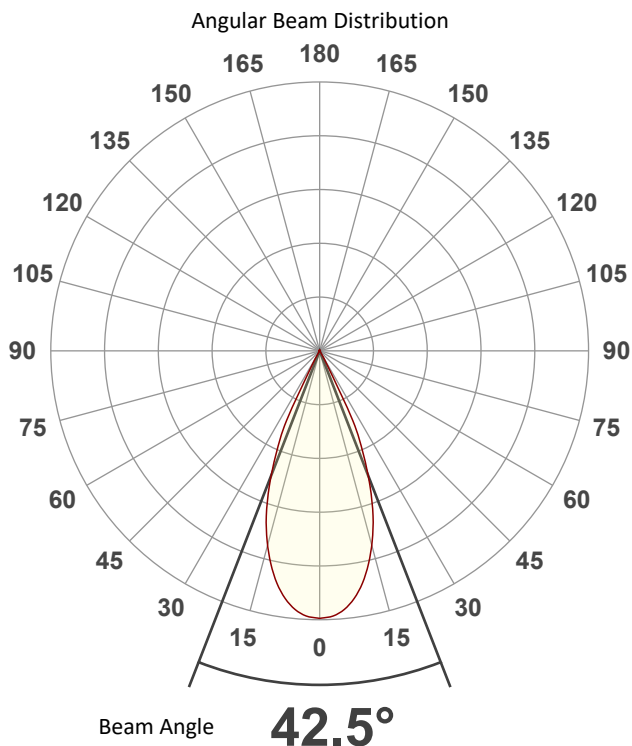


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

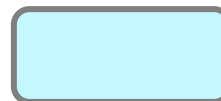
Overall Measurement



Tested Color (CIE 1931):

X: 0.305

Y: 0.324



Light Quality

CRI: 71.0

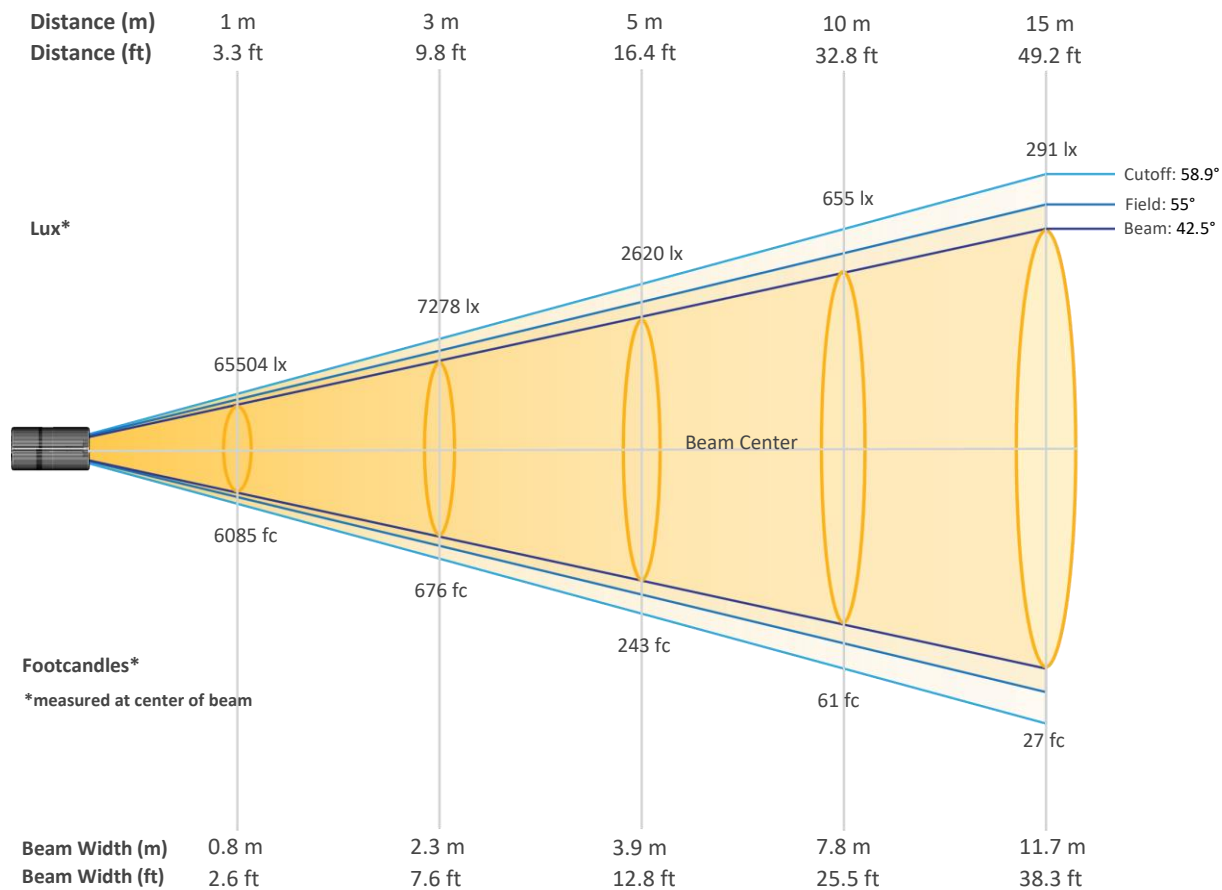
Color Temperature

6969 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Eco

Beam Details

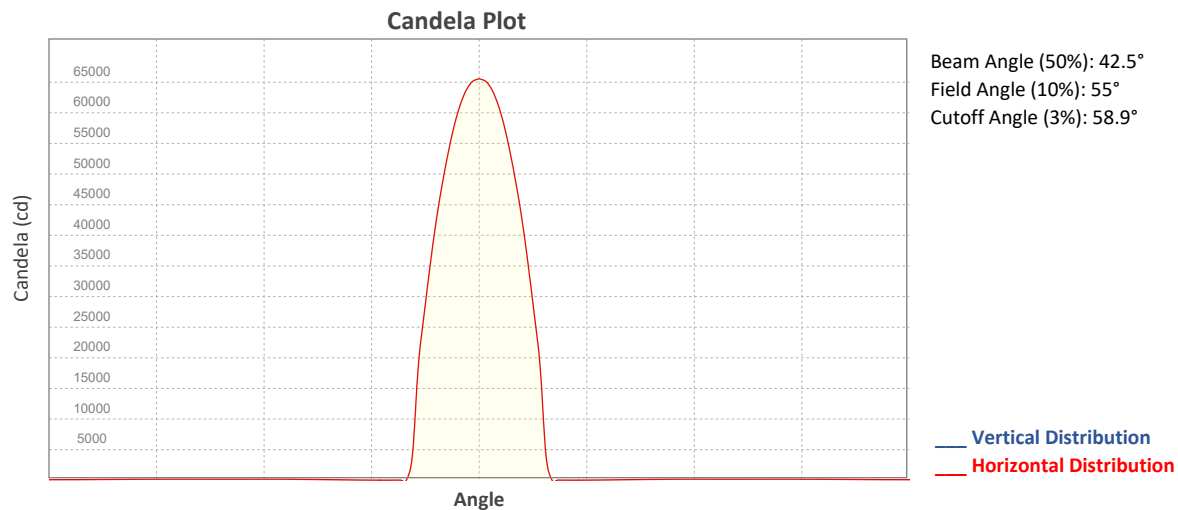


Beam Intensities from 1-20m (3.3-65.6ft)

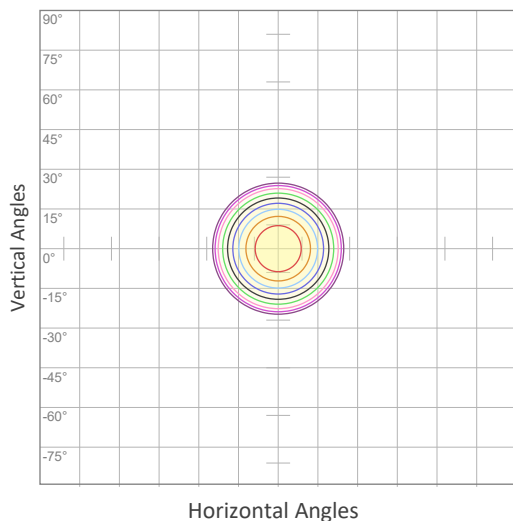
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	65504	16376	7278	4094	2620	1820	1337	1023	809	655
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	541	455	388	334	291	256	227	202	181	164
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6085	1521	676	380	243	169	124	95	75	61
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	36	31	27	24	21	19	17	15

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Eco



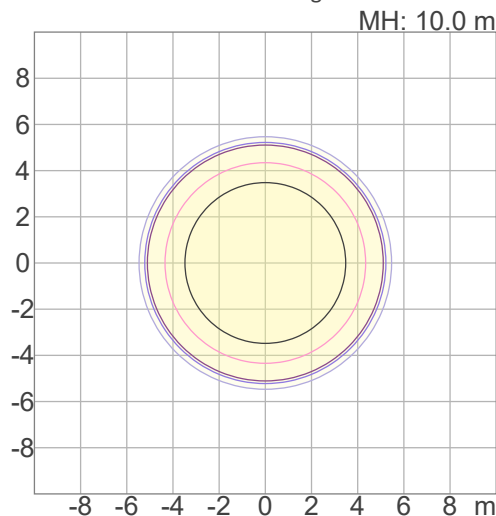
ISO Diagrams



ISO Candela Diagram

10%	6550 cd
20%	13101 cd
30%	19651 cd
40%	26201 cd
50%	32752 cd
60%	39302 cd
70%	45853 cd
80%	52403 cd
90%	58953 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 65504 cd



ISO Lux Diagram

3%	19.7 lx
5%	32.8 lx
10%	65.5 lx
30%	197 lx
50%	328 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 655 lx

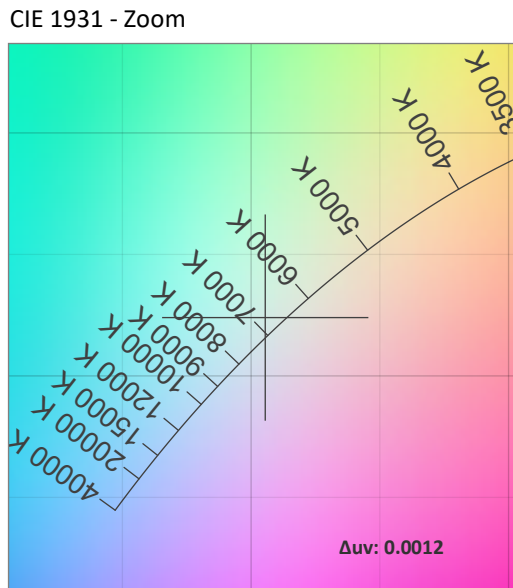
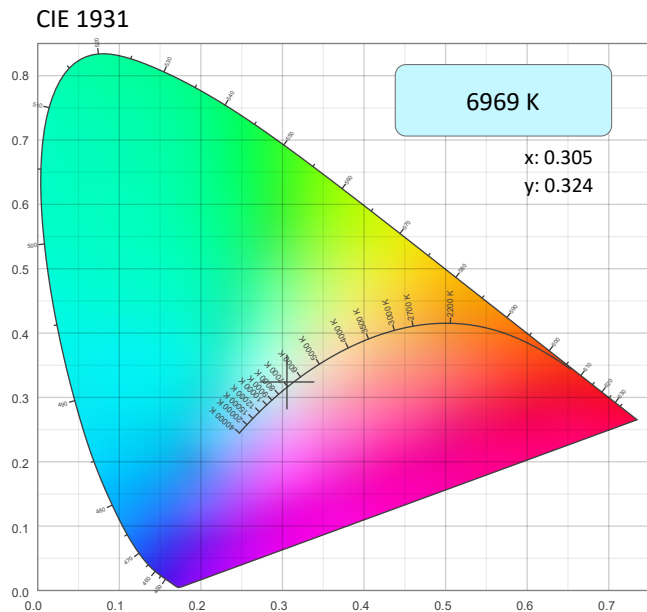
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

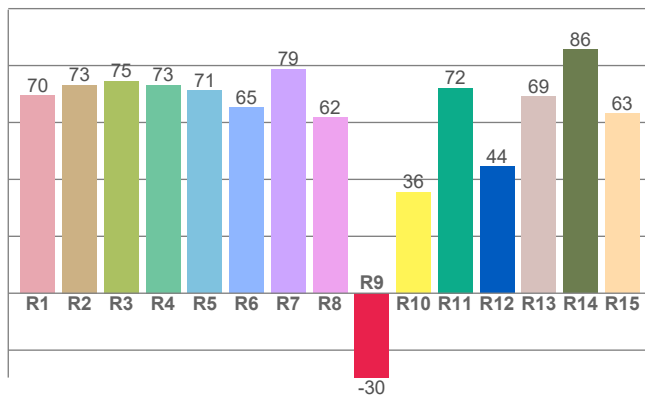
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Eco

Chromaticity



CRI: 71.0 (R1-R8)

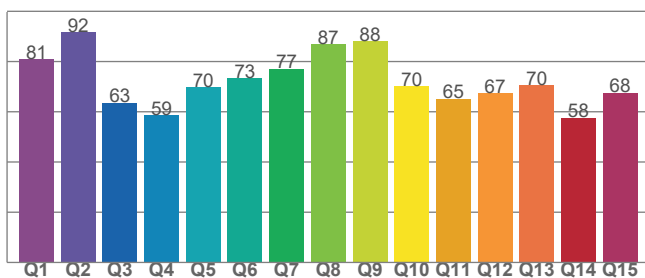


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6969 K	0.305	0.324

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

CQS: 70.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.0	-29.6	70.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.1	94.5

Photometric & Chromaticity Report

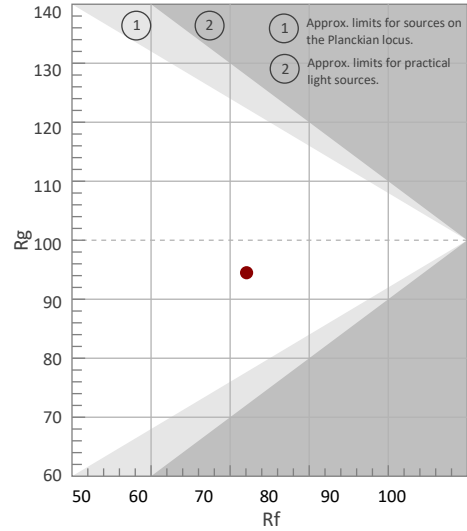
Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to Eco

TM-30 Details

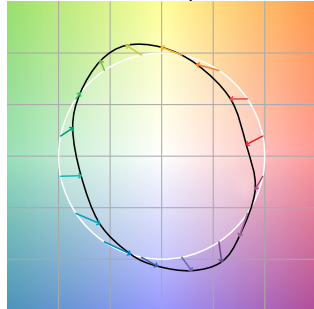
Rf 72.1
Fidelity Index (Rg)

Rg 94.5
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	66	4%	21%
5	73	12%	13%
6	84	10%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	65	-14%	21%
11	45	-4%	27%
12	71	5%	17%
13	81	15%	7%
14	77	17%	-8%
15	70	6%	-23%
16	76	-5%	-14%



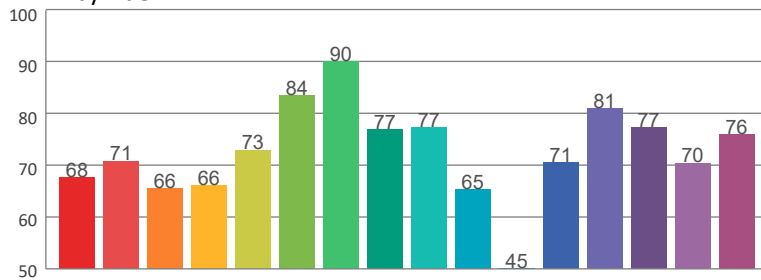
Color Vector Graphic



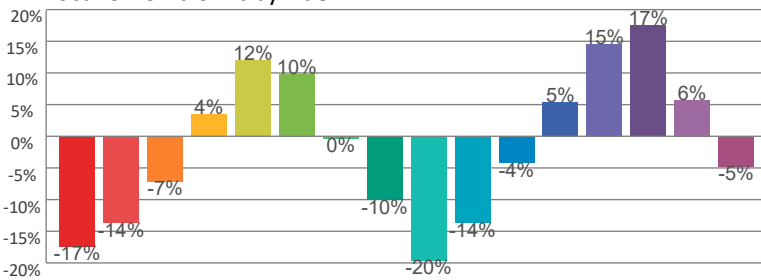
Color Distortion Graphic



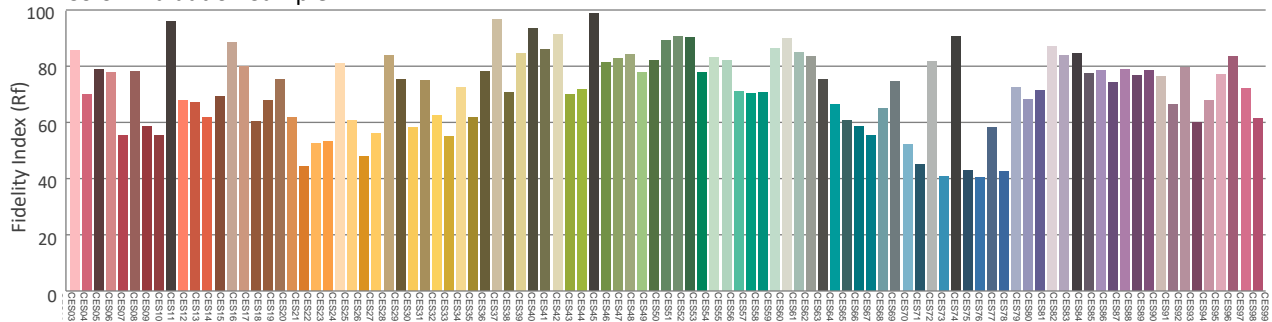
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 20316 lm
Fixture Peak: 45914 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1837 lux
Color Temperature: 6837 K
CRI: 70.0 CRI R9 Value: -33.6
CQS: 70.5
TLCI: 49
TM-30 Rf: 71.4
TM-30 Rg: 95.0
Beam Angle (50%): 42.6°
Field Angle (10%): 54.5°
Cutoff Angle (3%): 58.6°

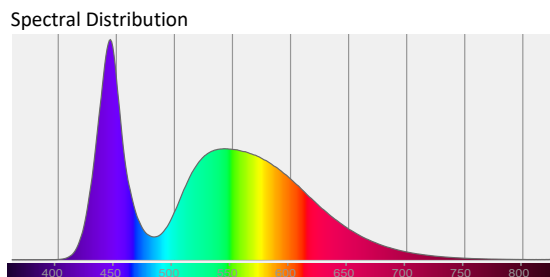
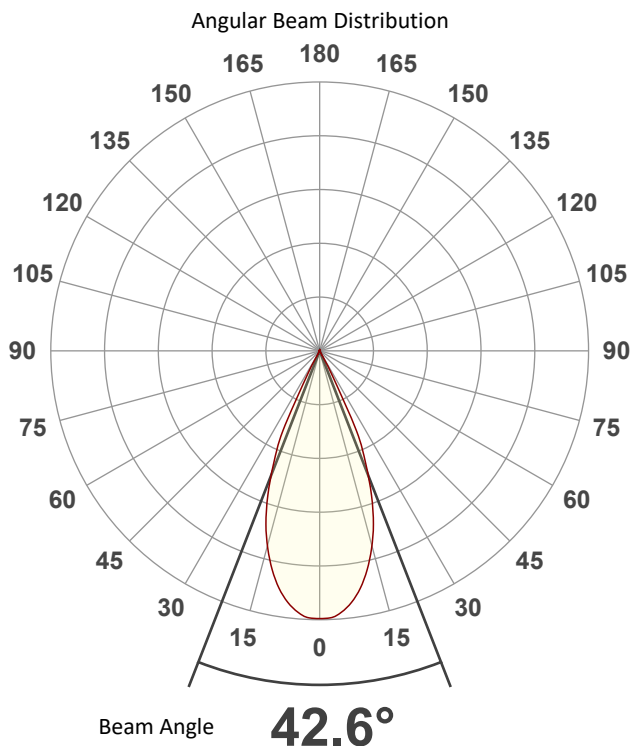


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

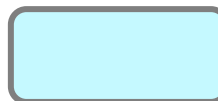
Overall Measurement



Tested Color (CIE 1931):

X: 0.307

Y: 0.327



Light Quality

CRI: 70.0

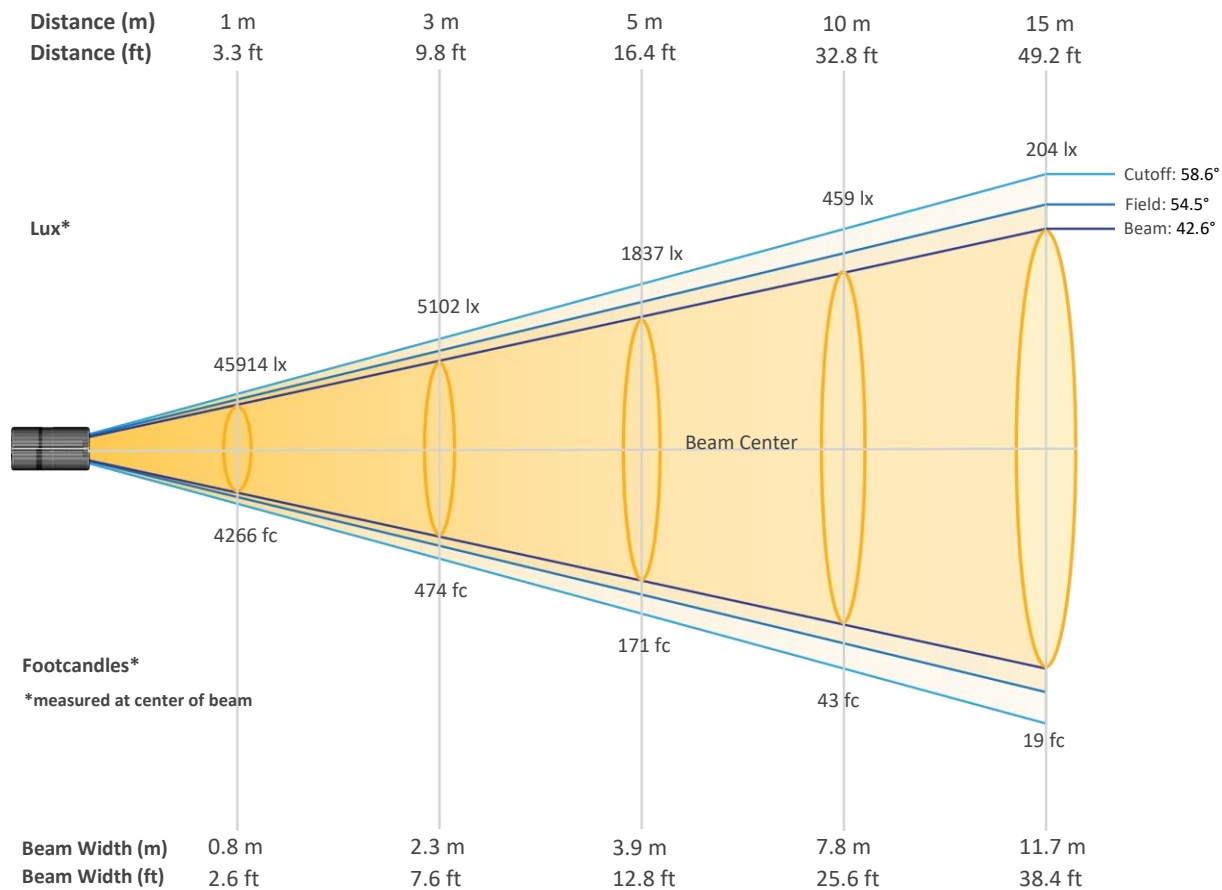
Color Temperature

6837 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-25

Beam Details

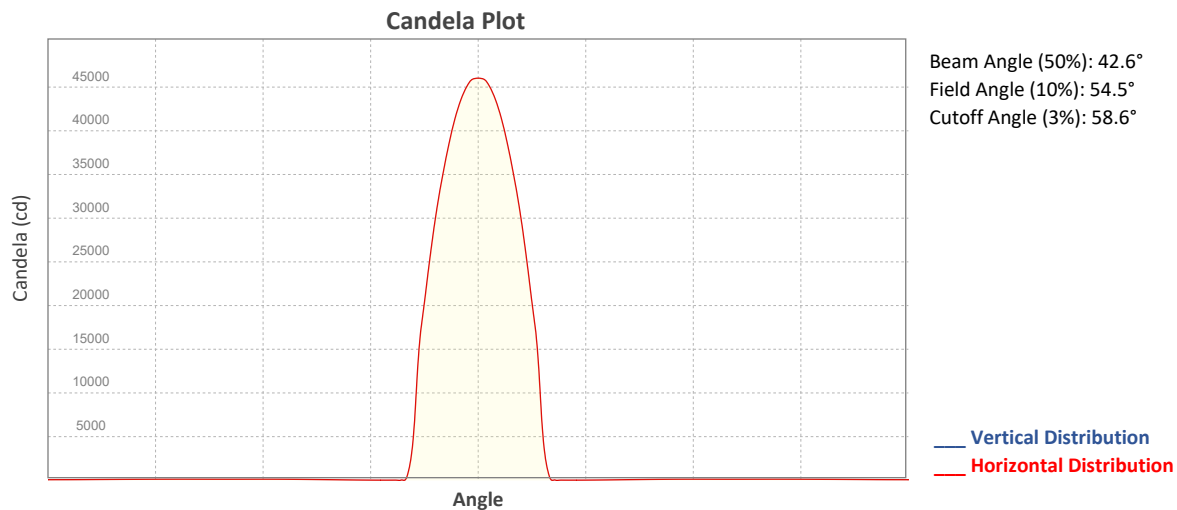


Beam Intensities from 1-20m (3.3-65.6ft)

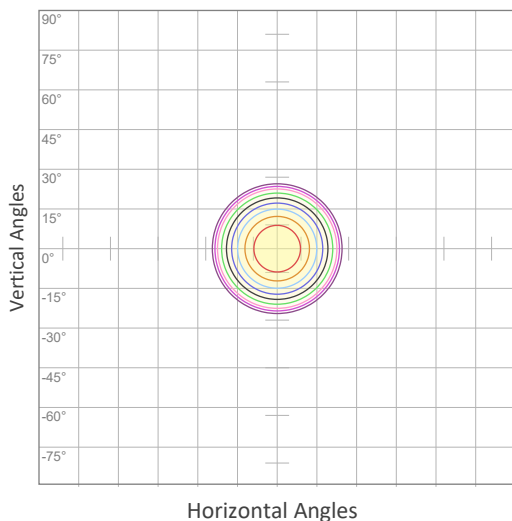
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	45914	11479	5102	2870	1837	1275	937	717	567	459
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	379	319	272	234	204	179	159	142	127	115
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4266	1066	474	267	171	118	87	67	53	43
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	35	30	25	22	19	17	15	13	12	11

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-25



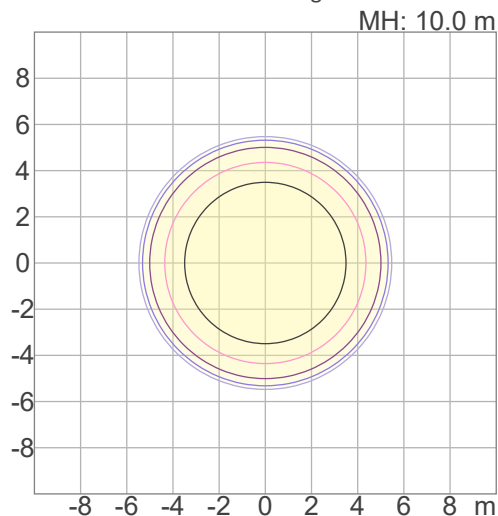
ISO Diagrams



ISO Candela Diagram

10%	4591 cd
20%	9183 cd
30%	13774 cd
40%	18366 cd
50%	22957 cd
60%	27549 cd
70%	32140 cd
80%	36731 cd
90%	41323 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 45914 cd



ISO Lux Diagram

3%	13.8 lx
5%	23.0 lx
10%	45.9 lx
30%	138 lx
50%	230 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 459 lx

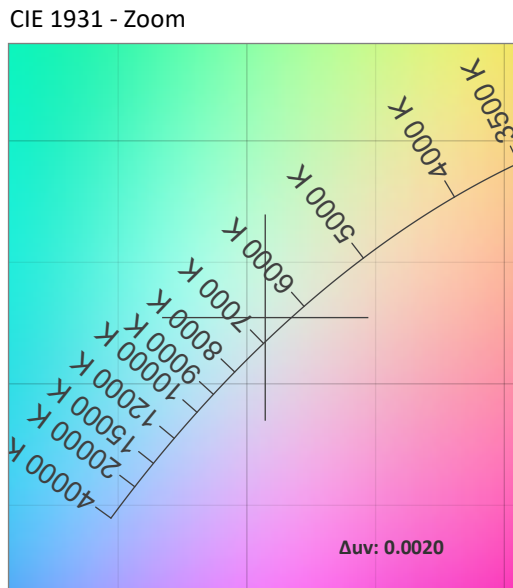
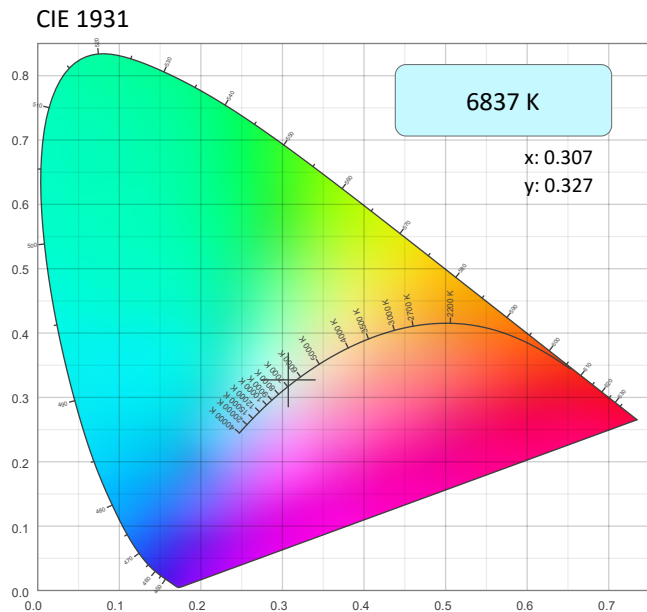
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

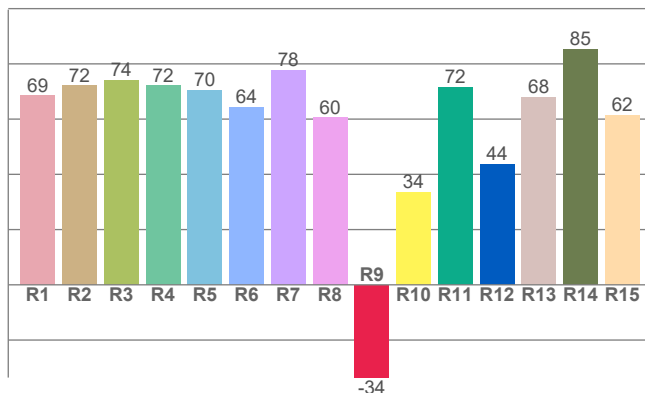
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-25

Chromaticity



CRI: 70.0 (R1-R8)

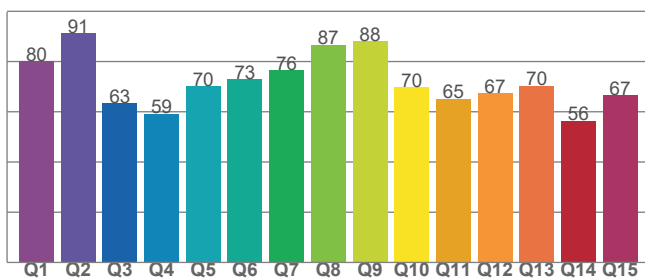


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6837 K	0.307	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0020	0.327	0.195

CQS: 70.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.0	-33.6	70.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.4	95.0

Photometric & Chromaticity Report

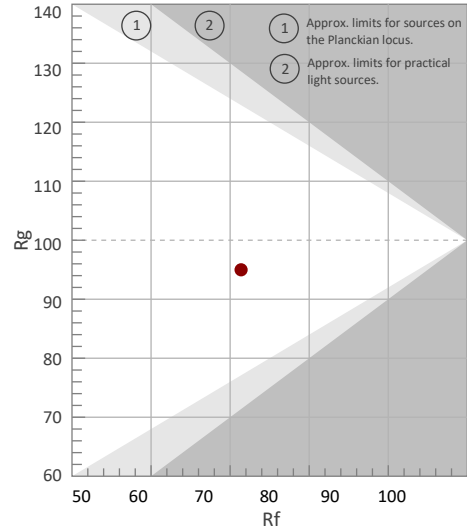
Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-25

TM-30 Details

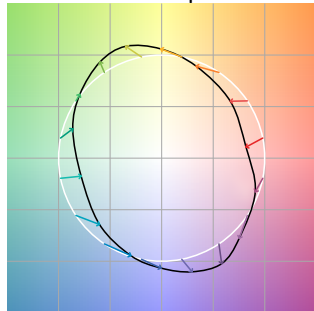
Rf 71.4
Fidelity Index (Rg)

Rg 95.0
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	65	-7%	22%
4	65	4%	21%
5	72	13%	13%
6	82	11%	-2%
7	89	0%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	20%
13	79	14%	7%
14	77	17%	-8%
15	70	6%	-23%
16	75	-5%	-14%



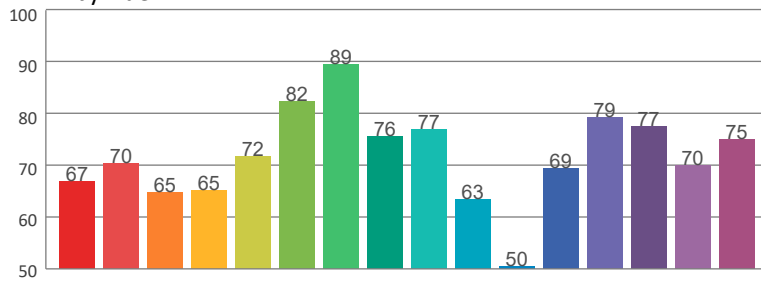
Color Vector Graphic



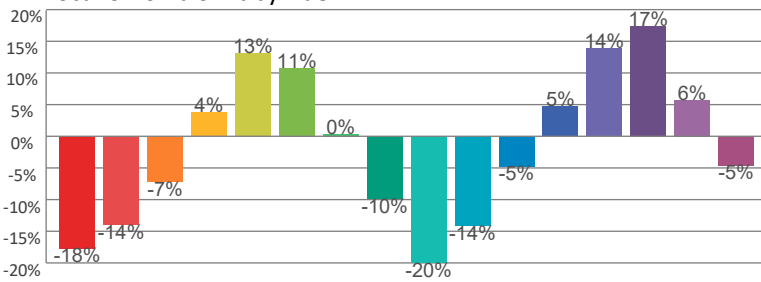
Color Distortion Graphic



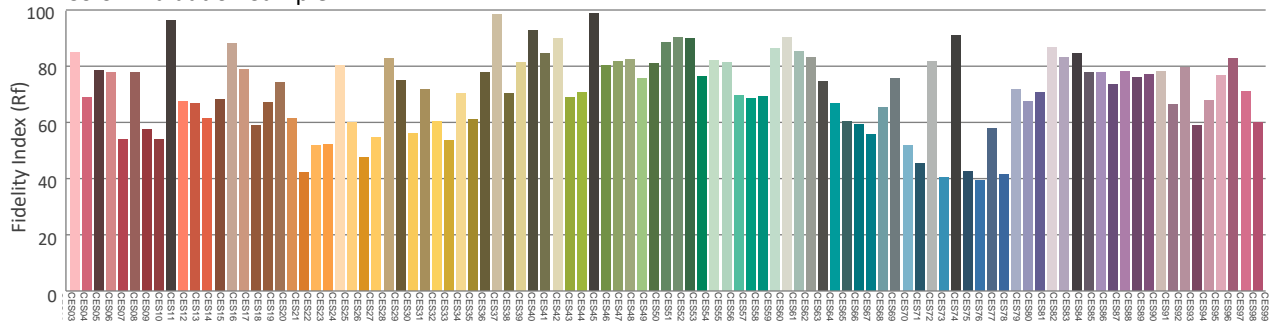
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 17007 lm
Fixture Peak: 41144 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1646 lux
Color Temperature: 6796 K
CRI: 69.5 CRI R9 Value: -35.3
CQS: 70.3
TLCI: 49
TM-30 Rf: 71.0
TM-30 Rg: 95.0
Beam Angle (50%): 39.4°
Field Angle (10%): 55.4°
Cutoff Angle (3%): 60.7°

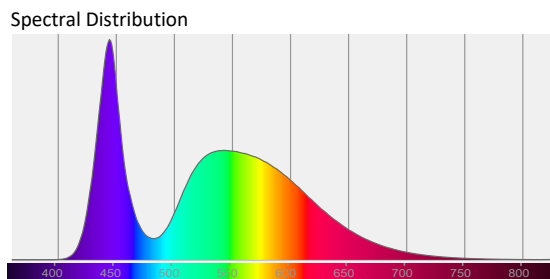
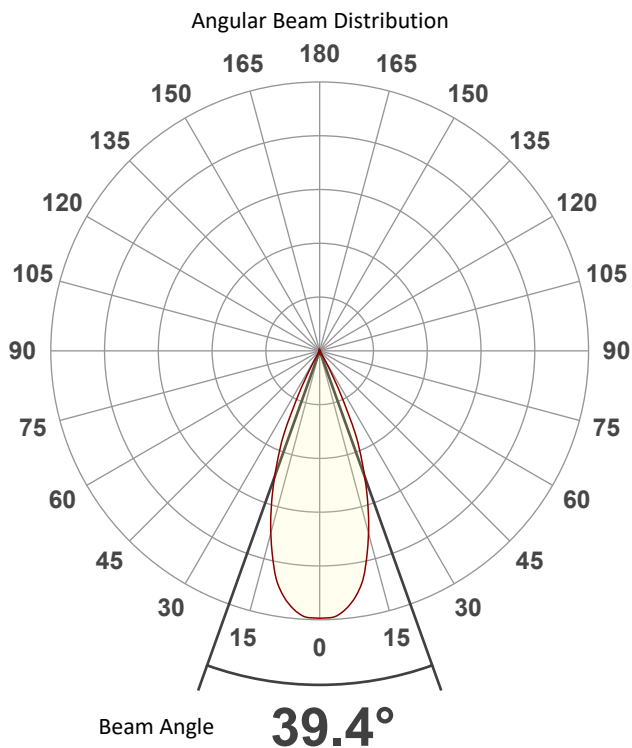


Conditions

AC Supply: 117 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

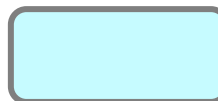
Overall Measurement



Tested Color (CIE 1931):

X: 0.308

Y: 0.328



Light Quality

CRI: 69.5

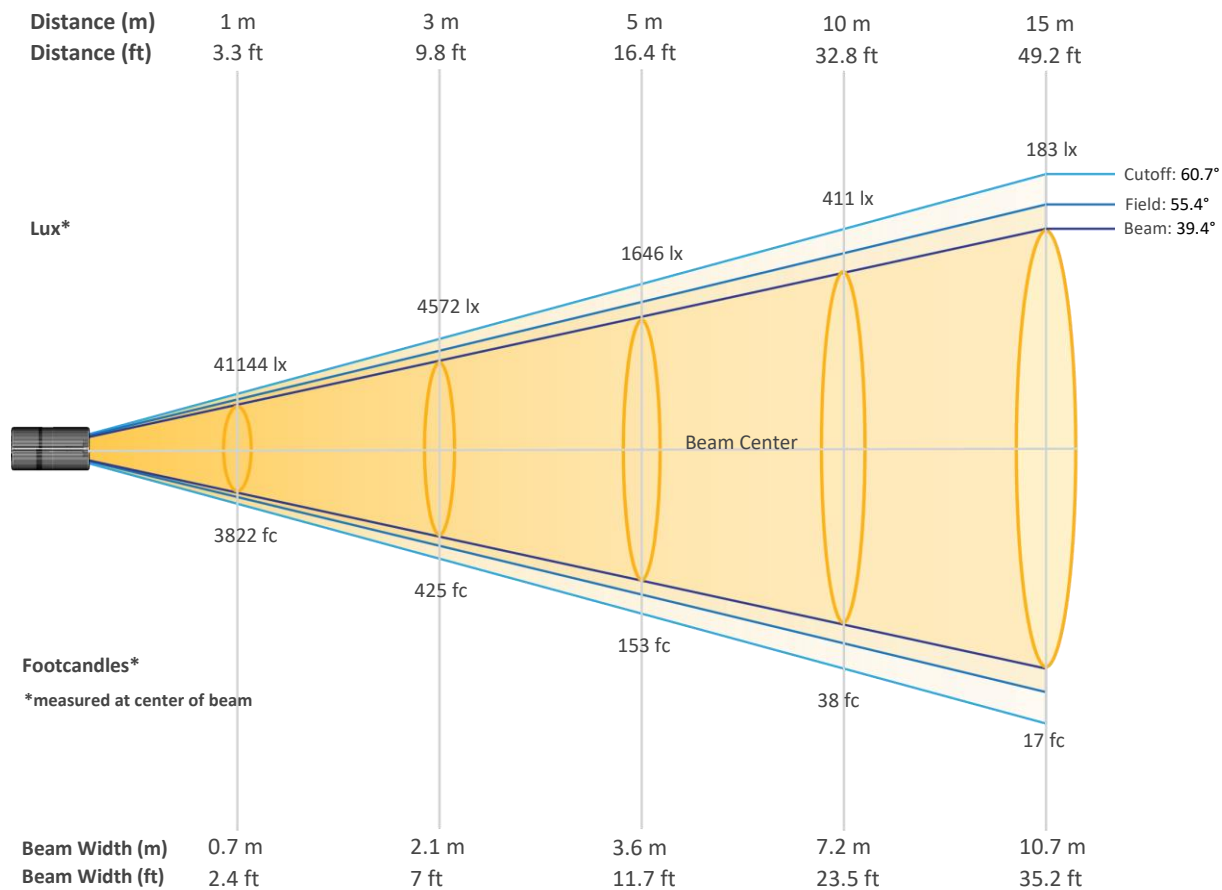
Color Temperature

6796 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-35

Beam Details

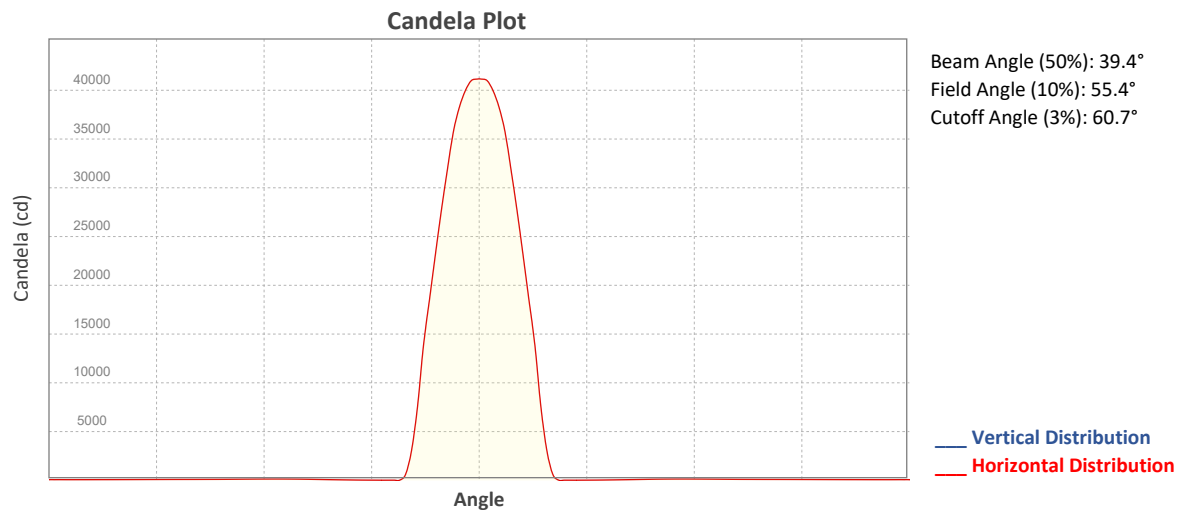


Beam Intensities from 1-20m (3.3-65.6ft)

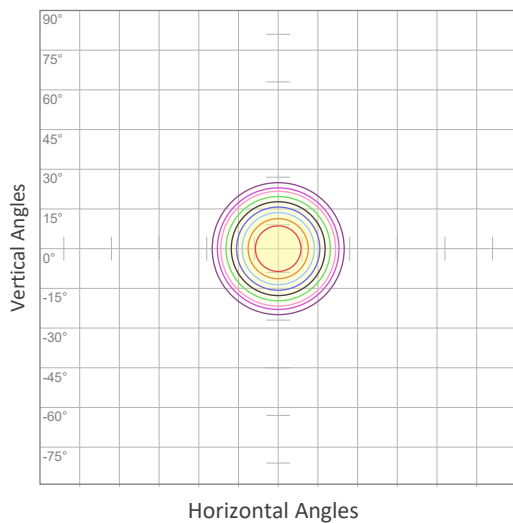
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	41144	10286	4572	2572	1646	1143	840	643	508	411
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	340	286	243	210	183	161	142	127	114	103
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3822	956	425	239	153	106	78	60	47	38
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	32	27	23	20	17	15	13	12	11	10

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-35



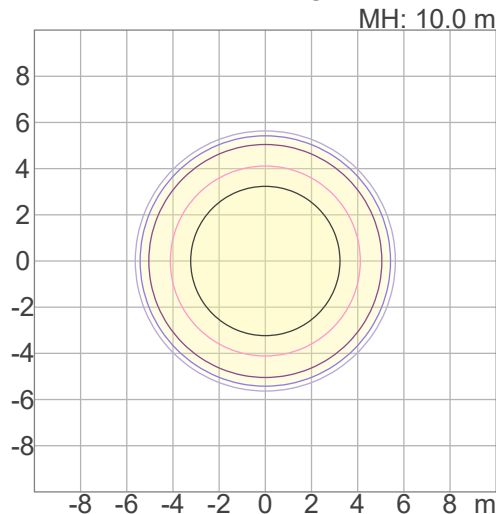
ISO Diagrams



ISO Candela Diagram

10%	4114 cd
20%	8229 cd
30%	12343 cd
40%	16458 cd
50%	20572 cd
60%	24687 cd
70%	28801 cd
80%	32915 cd
90%	37030 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 41144 cd



ISO Lux Diagram

3%	12.3 lx
5%	20.6 lx
10%	41.1 lx
30%	123 lx
50%	206 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 411 lx

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

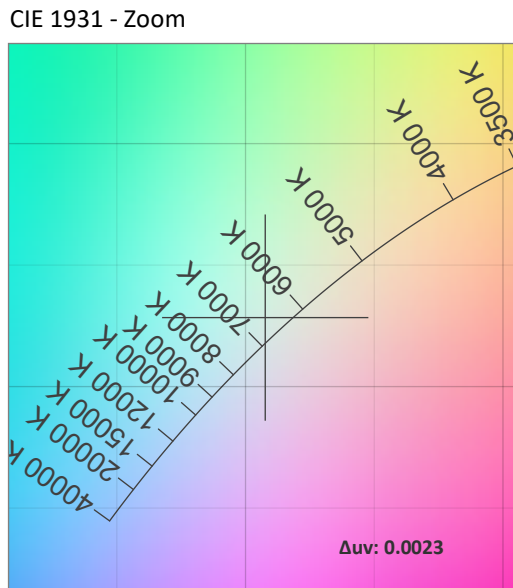
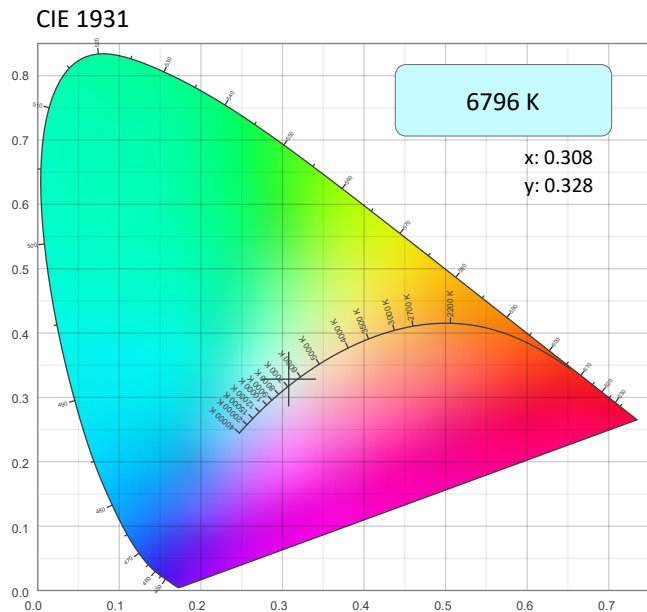
Mounting height: 10 meters / 33 feet



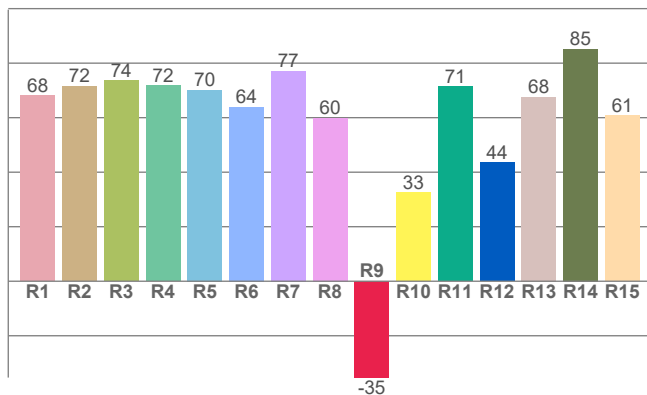
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-35

Chromaticity



CRI: 69.5 (R1-R8)

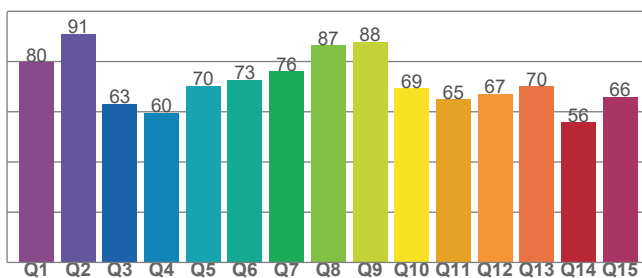


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6796 K	0.308	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0023	0.328	0.195

CQS: 70.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.5	-35.3	70.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.0	95.0

Photometric & Chromaticity Report

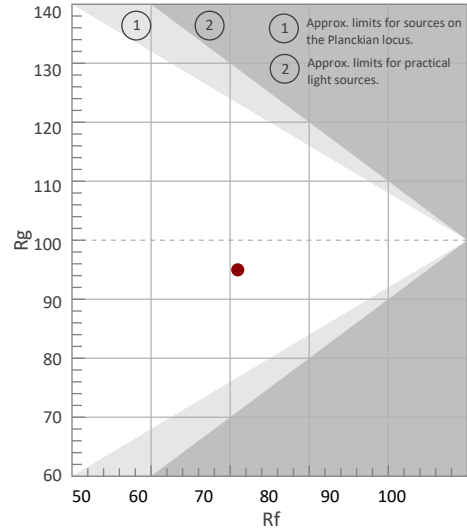
Maverick Storm 2 Profile: Full Flood - Full Power - Fan set to TV-35

TM-30 Details

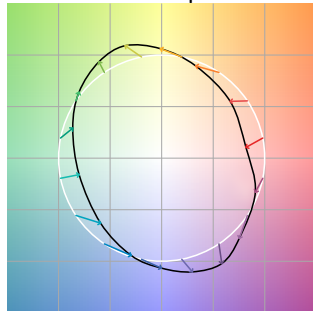
Rf 71.0
Fidelity Index (Rg)

Rg 95.0
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	70	-14%	9%
3	64	-7%	22%
4	64	4%	22%
5	71	14%	13%
6	82	12%	-1%
7	87	2%	-9%
8	75	-10%	-12%
9	79	-18%	0%
10	63	-16%	19%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	17%	-8%
15	70	6%	-23%
16	74	-4%	-15%



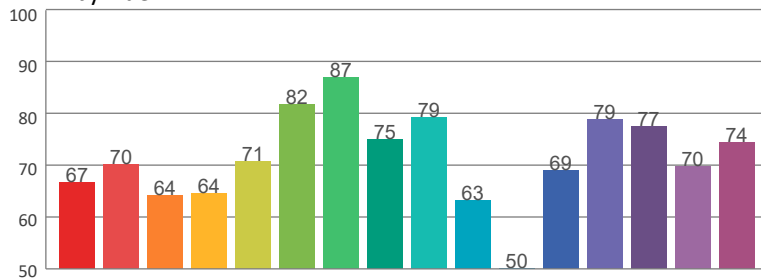
Color Vector Graphic



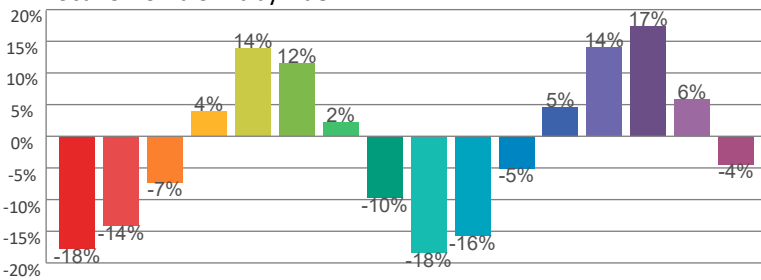
Color Distortion Graphic



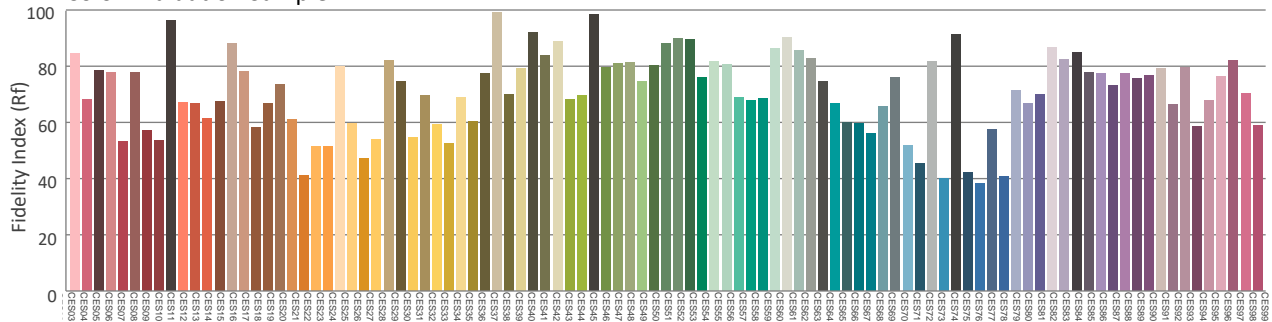
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 20522 lm
Fixture Peak: 46080 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1843 lux
Color Temperature: 6906 K
CRI: 70.0 CRI R9 Value: -32.8
CQS: 70.3
TLCI: 49
TM-30 Rf: 71.1
TM-30 Rg: 95.2
Beam Angle (50%): 42.7°
Field Angle (10%): 55.8°
Cutoff Angle (3%): 58.1°

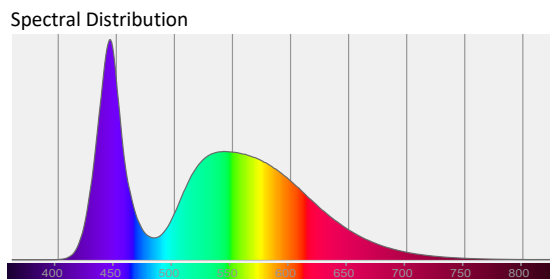
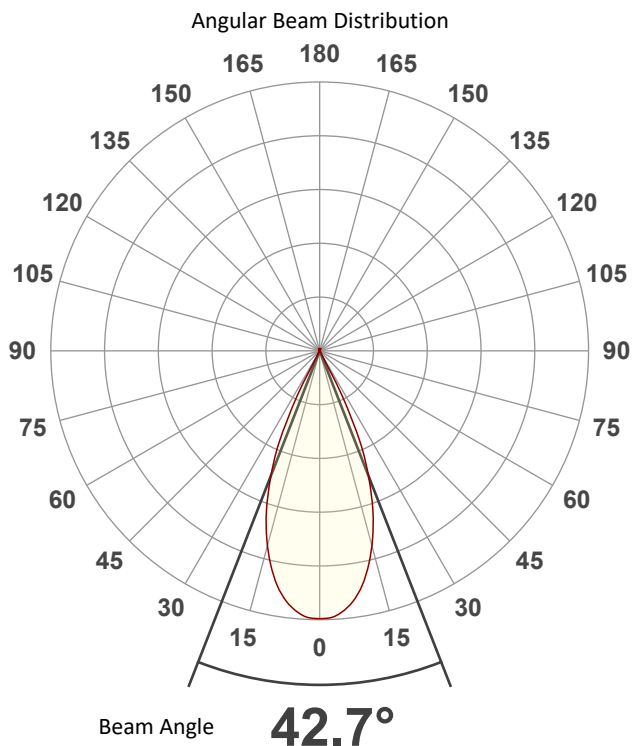


Conditions

AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

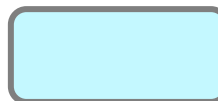
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.325



Light Quality

CRI: 70.0

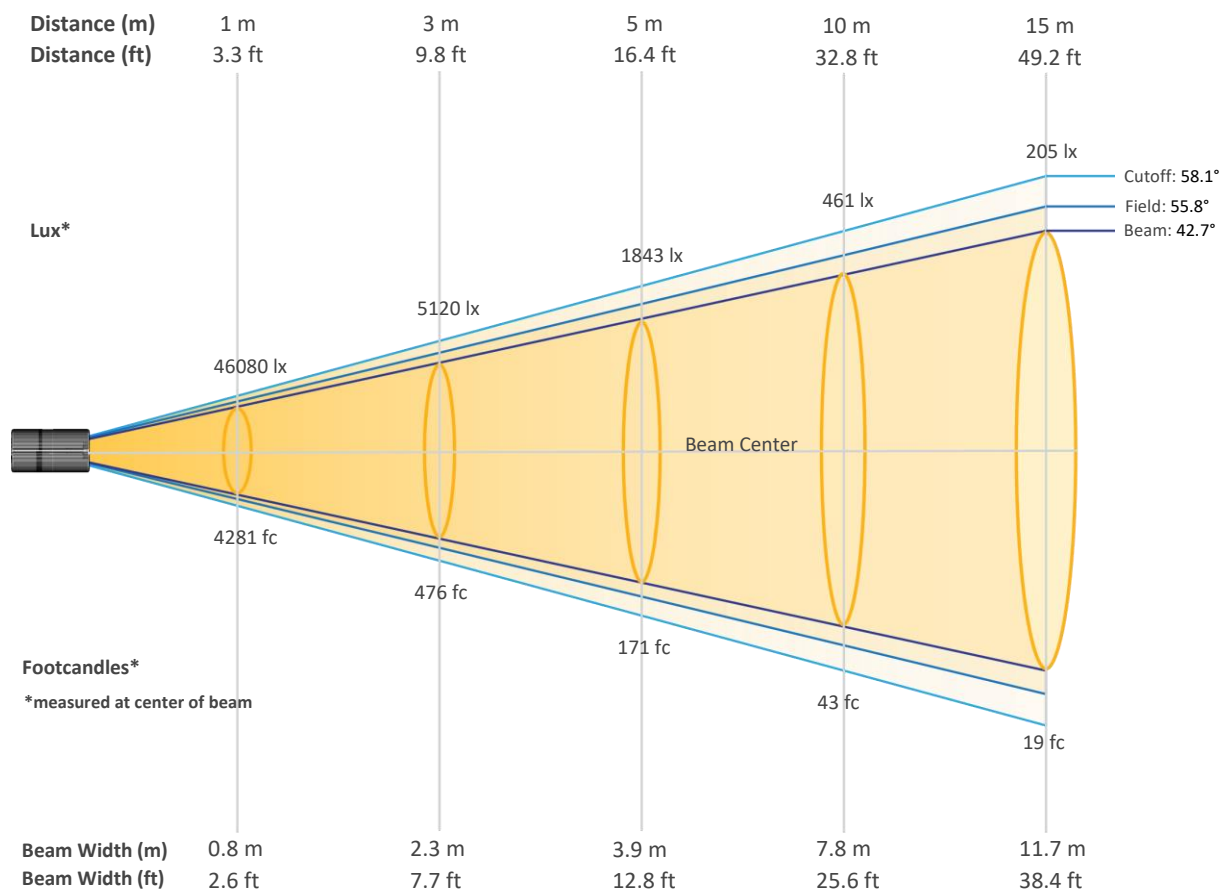
Color Temperature

6906 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-25

Beam Details

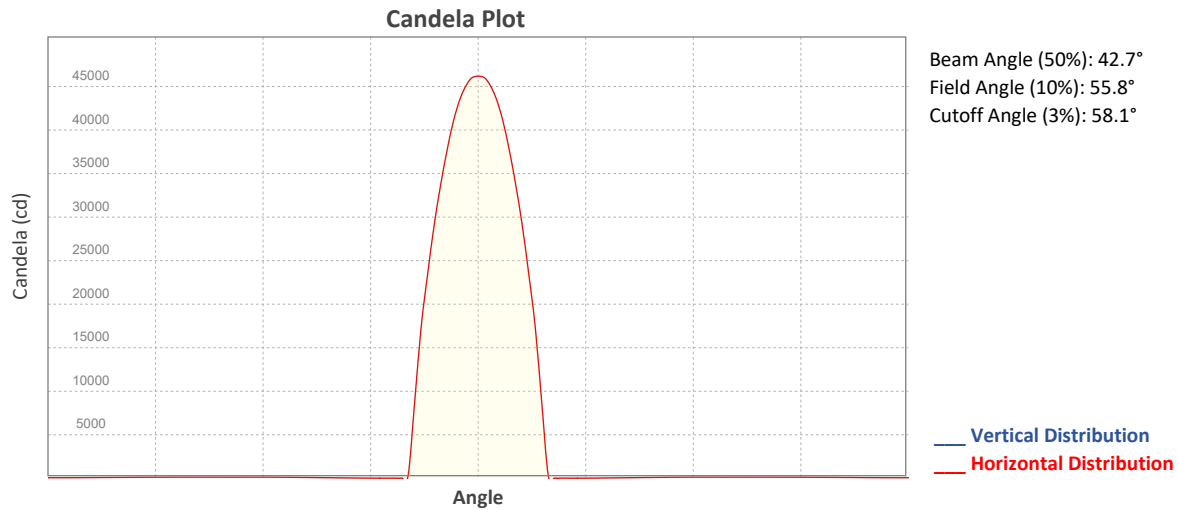


Beam Intensities from 1-20m (3.3-65.6ft)

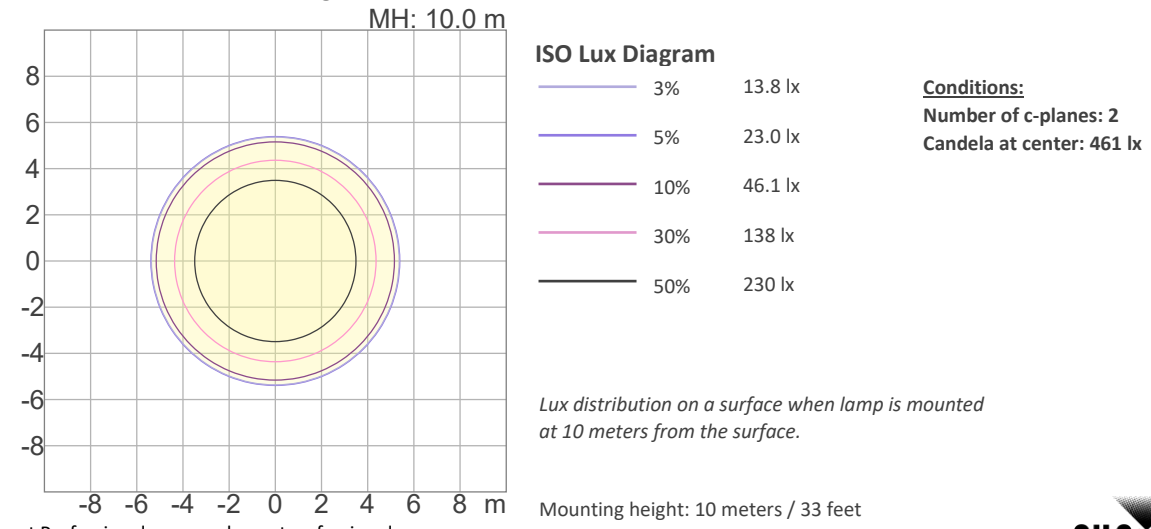
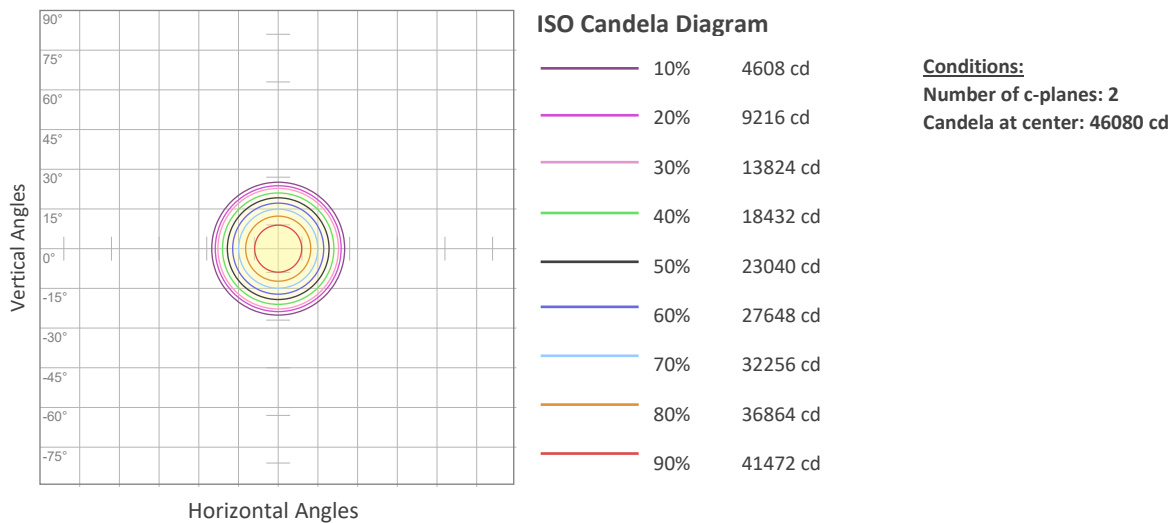
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	46080	11520	5120	2880	1843	1280	940	720	569	461
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	381	320	273	235	205	180	159	142	128	115
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4281	1070	476	268	171	119	87	67	53	43
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	35	30	25	22	19	17	15	13	12	11

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-25



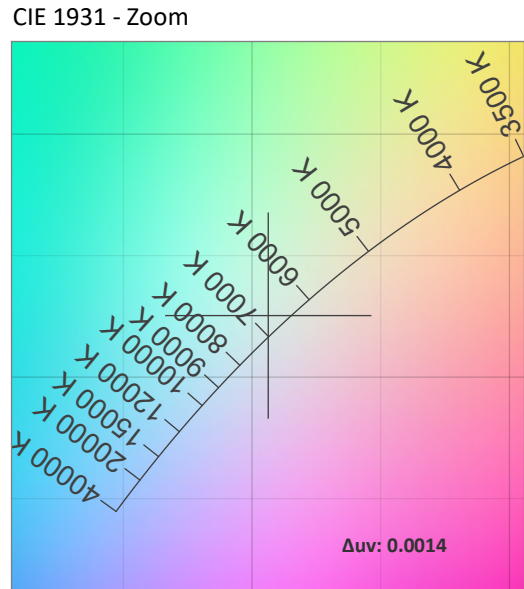
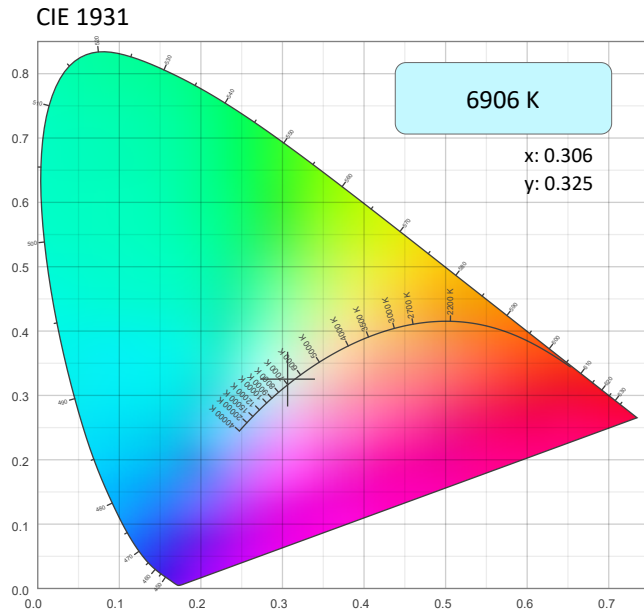
ISO Diagrams



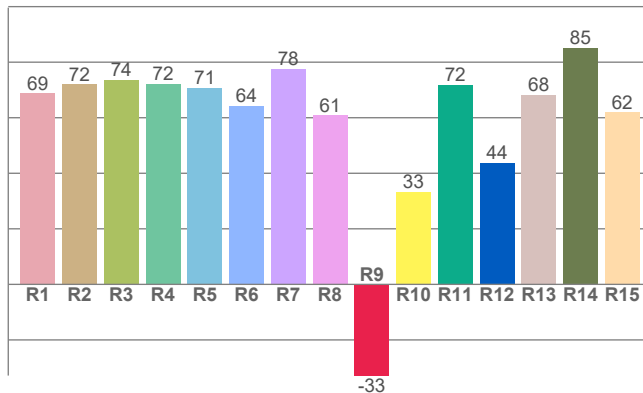
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-25

Chromaticity



CRI: 70.0 (R1-R8)

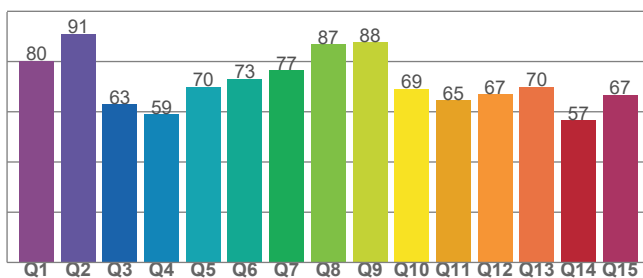


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6906 K	0.306	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.325	0.195

CQS: 70.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.0	-32.8	70.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.1	95.2

Photometric & Chromaticity Report

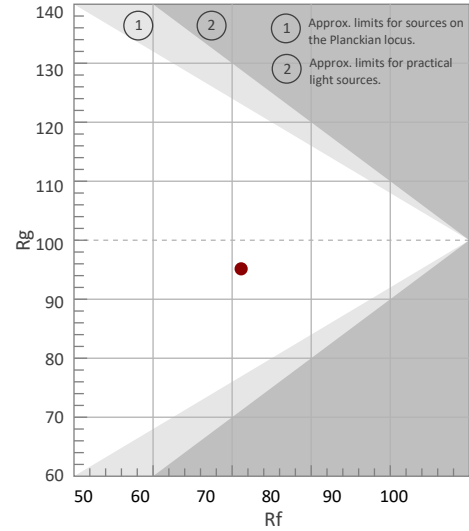
Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-25

TM-30 Details

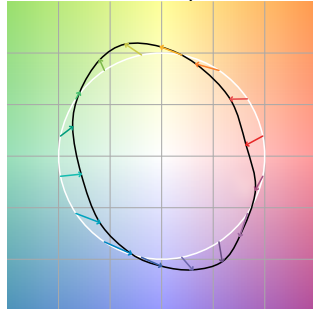
Rf 71.1
Fidelity Index
(Rg)

Rg 95.2
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	64	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-2%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-4%	-14%



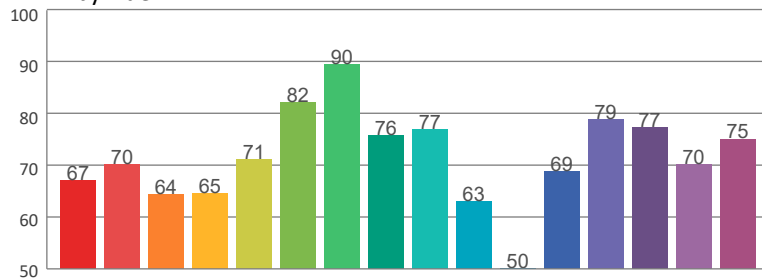
Color Vector Graphic



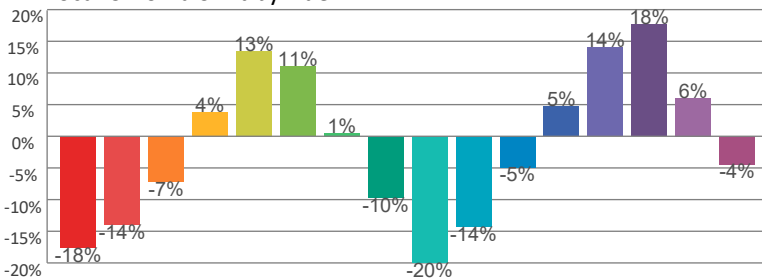
Color Distortion Graphic



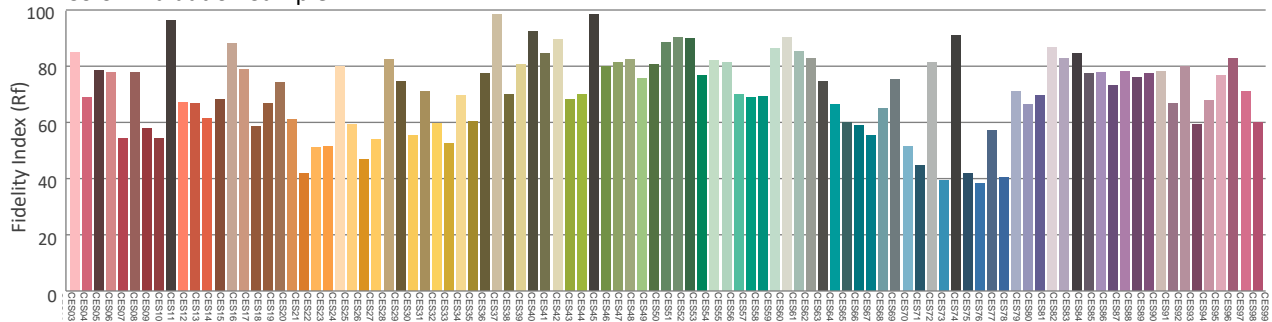
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 6755 lm
Fixture Peak: 454228 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 7136 lux
Color Temperature: 6854 K
CRI: 86.4 CRI R9 Value: 74.1
CQS: 90.3
TLCI: 89
TM-30 Rf: 87.4
TM-30 Rg: 103.8
Beam Angle (50%): 7.9°
Field Angle (10%): 9.1°
Cutoff Angle (3%): 9.3°

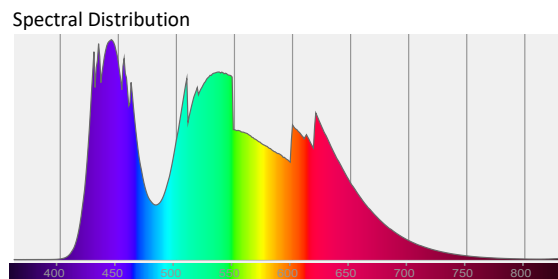
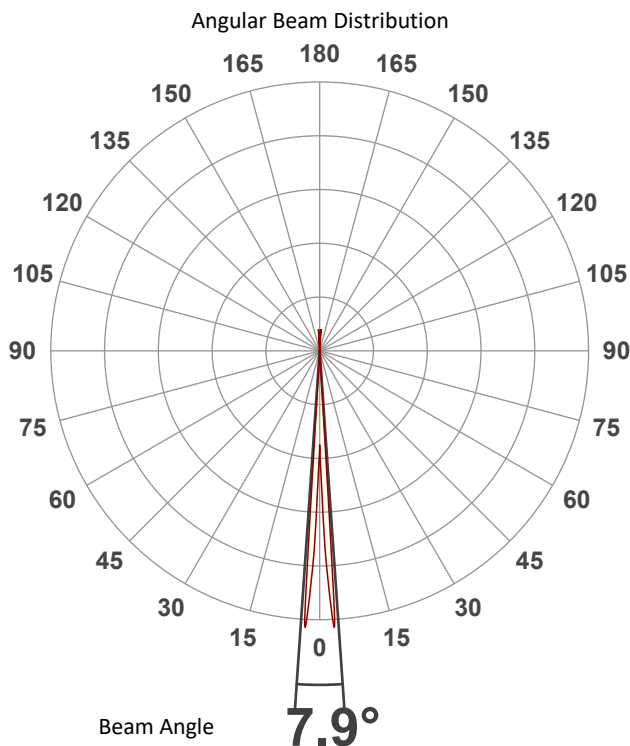


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

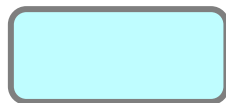
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.331



Light Quality

CRI: 86.4

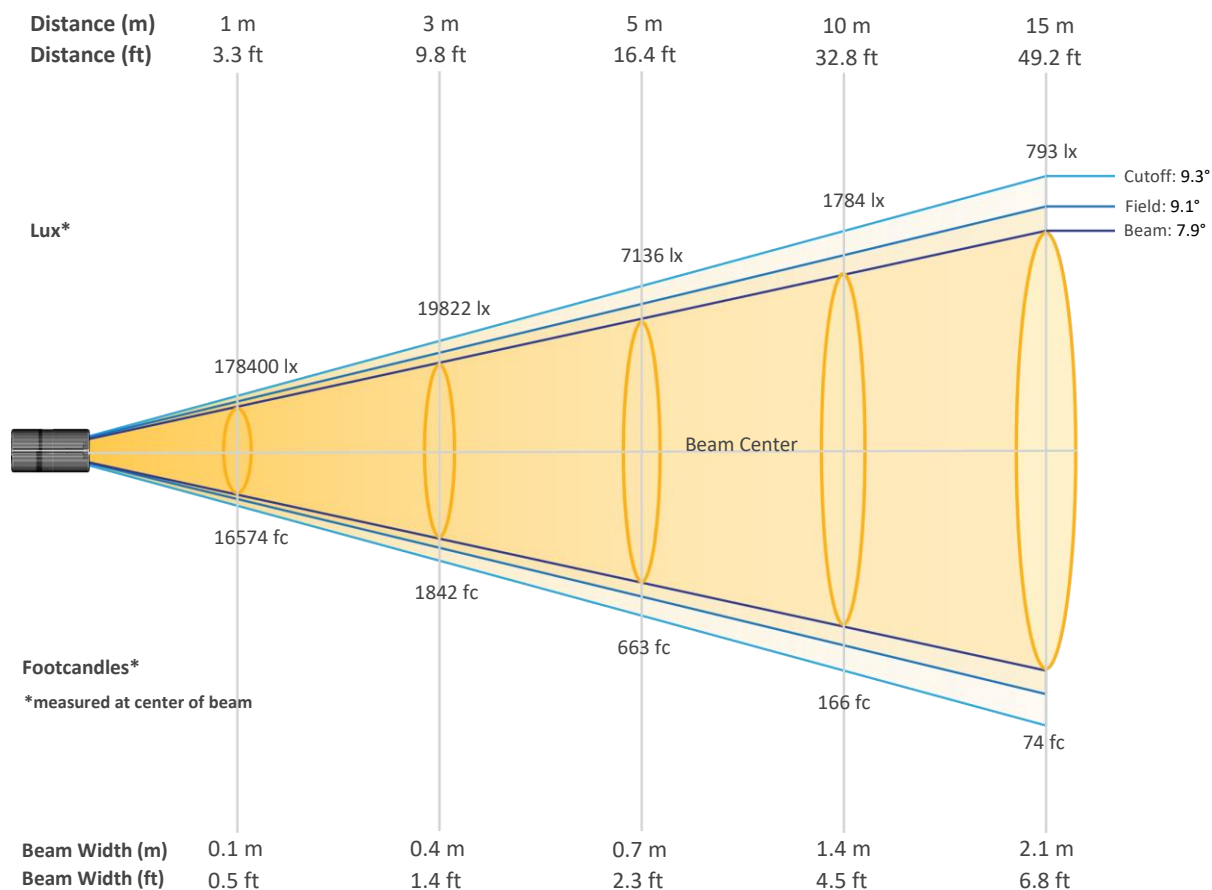
Color Temperature

6854 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-35

Beam Details

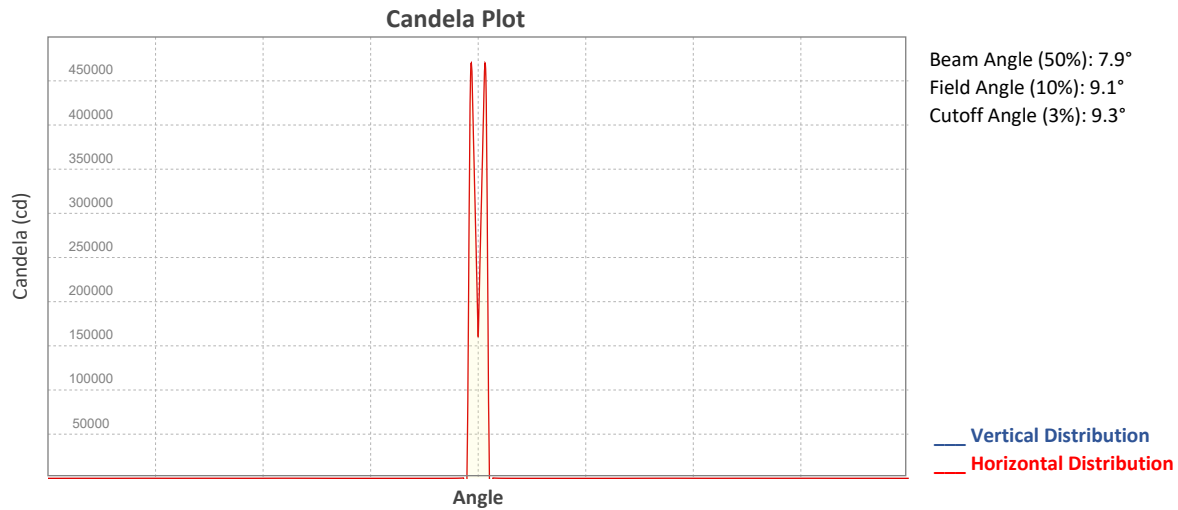


Beam Intensities from 1-20m (3.3-65.6ft)

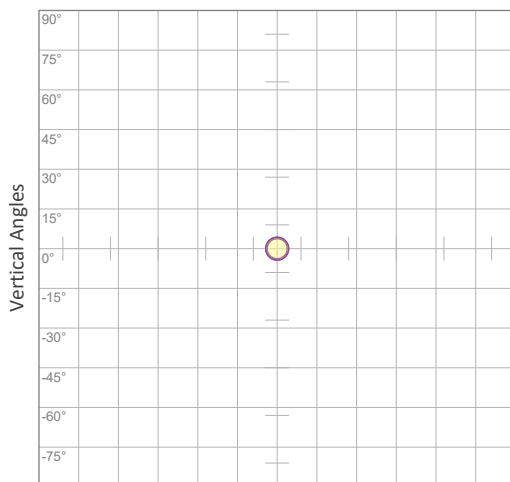
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	178400	44600	19822	11150	7136	4956	3641	2787	2202	1784
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1474	1239	1056	910	793	697	617	551	494	446
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16574	4143	1842	1036	663	460	338	259	205	166
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	137	115	98	85	74	65	57	51	46	41

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-35



ISO Diagrams



ISO Candela Diagram

10%	17840 cd
20%	35680 cd
30%	53520 cd
40%	71360 cd
50%	89200 cd
60%	107040 cd
70%	124880 cd
80%	142720 cd
90%	160560 cd

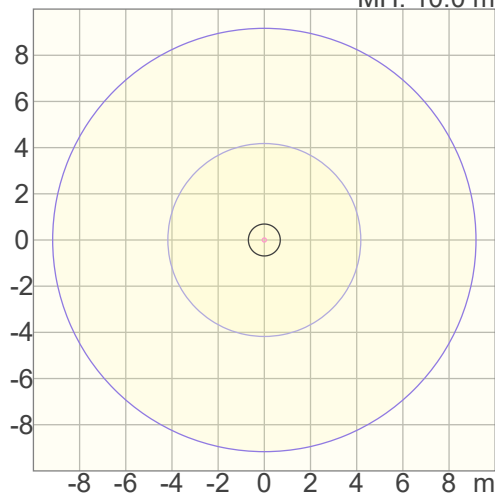
Conditions:

Number of c-planes: 2

Candela at center: 178400 cd

Horizontal Angles

MH: 10.0 m



ISO Lux Diagram

3%	53.5 lx
5%	89.2 lx
10%	178 lx
30%	535 lx
50%	892 lx

Conditions:

Number of c-planes: 2

Candela at center: 1784 lx

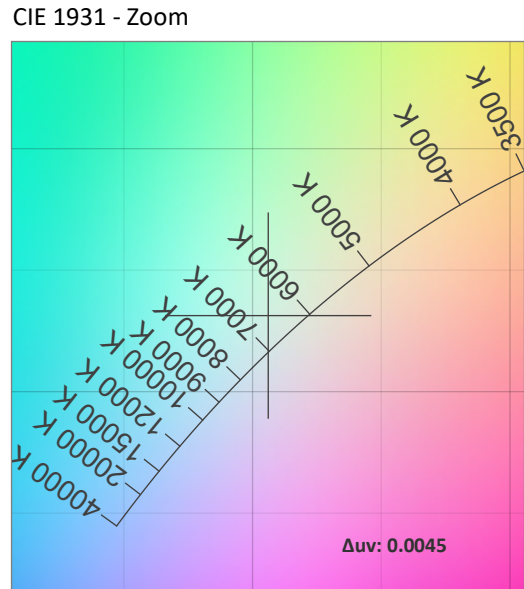
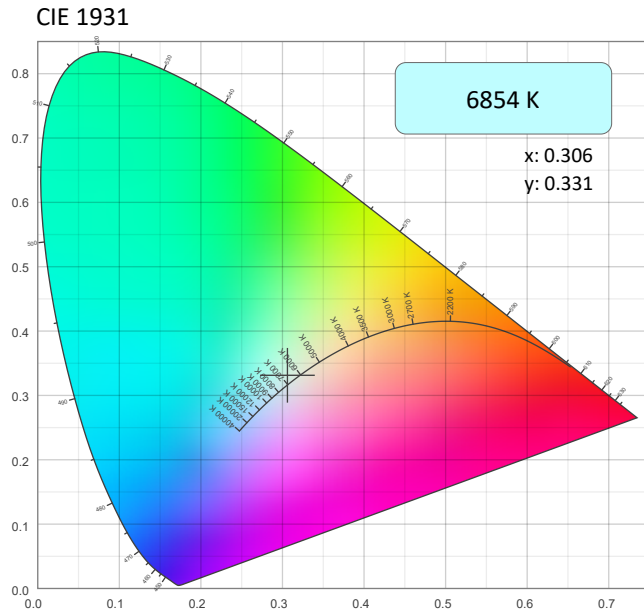
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

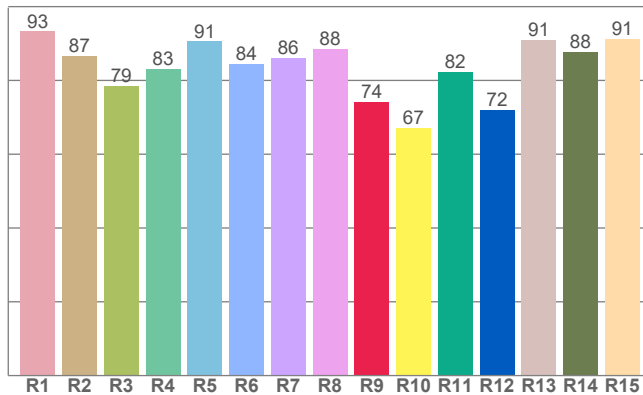
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-35

Chromaticity



CRI: 86.4 (R1-R8)

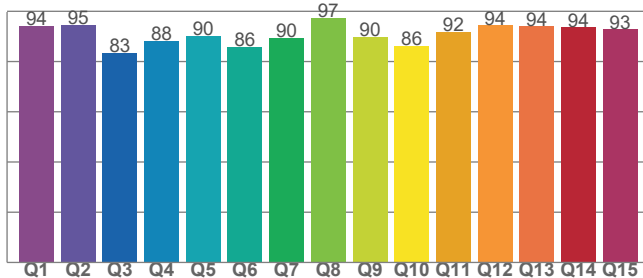


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6854 K	0.306	0.331

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0045	0.331	0.192

CQS: 90.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
86.4	74.1	90.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
89	87.4	103.8

Photometric & Chromaticity Report

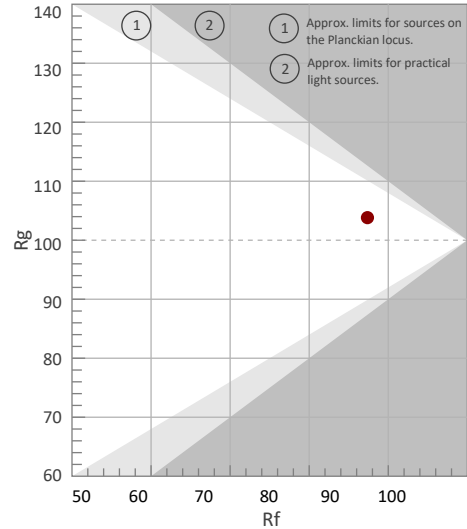
Maverick Storm 2 Profile: Full Flood - Full Power - Stable - Fan set to TV-35

TM-30 Details

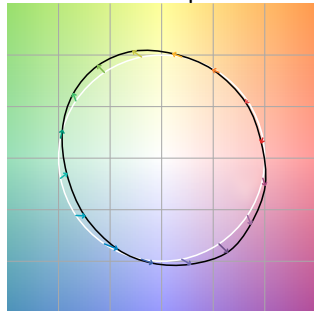
Rf 87.4
Fidelity Index (Rg)

Rg 103.8
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	91	-2%	-4%
2	93	-2%	-1%
3	90	-1%	6%
4	86	1%	9%
5	84	7%	7%
6	86	9%	2%
7	89	6%	-4%
8	87	0%	-7%
9	91	-7%	-3%
10	87	-7%	5%
11	77	-3%	13%
12	84	2%	11%
13	88	6%	7%
14	87	11%	2%
15	88	7%	-5%
16	88	4%	-6%



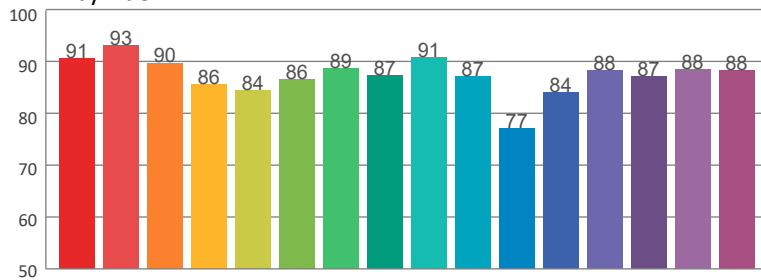
Color Vector Graphic



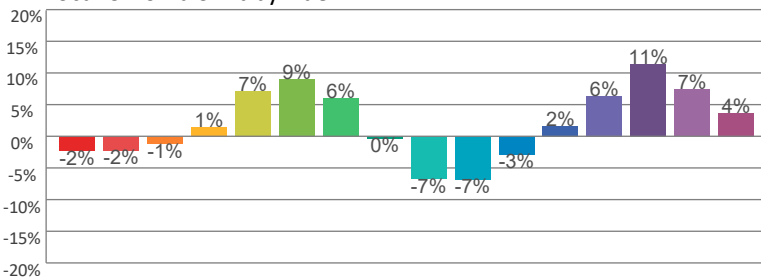
Color Distortion Graphic



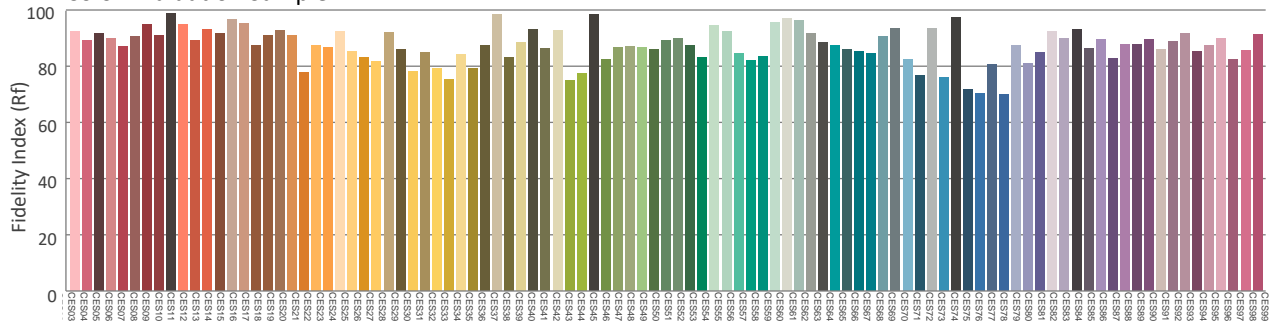
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 17822 lm
Fixture Peak: 1798333 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 71933 lux
Color Temperature: 7075 K
CRI: 71.2 CRI R9 Value: -28.4
CQS: 70.7
TLCI: 50
TM-30 Rf: 72.1
TM-30 Rg: 94.5
Beam Angle (50%): 6.3°
Field Angle (10%): 7.9°
Cutoff Angle (3%): 8.2°

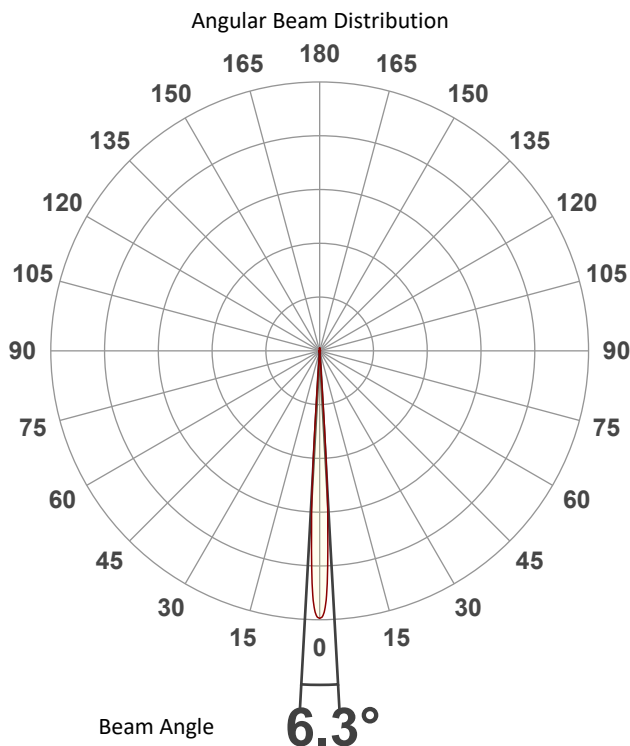


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

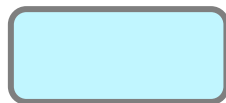
Overall Measurement



Tested Color (CIE 1931):

X: 0.304

Y: 0.322



Light Quality

CRI: 71.2

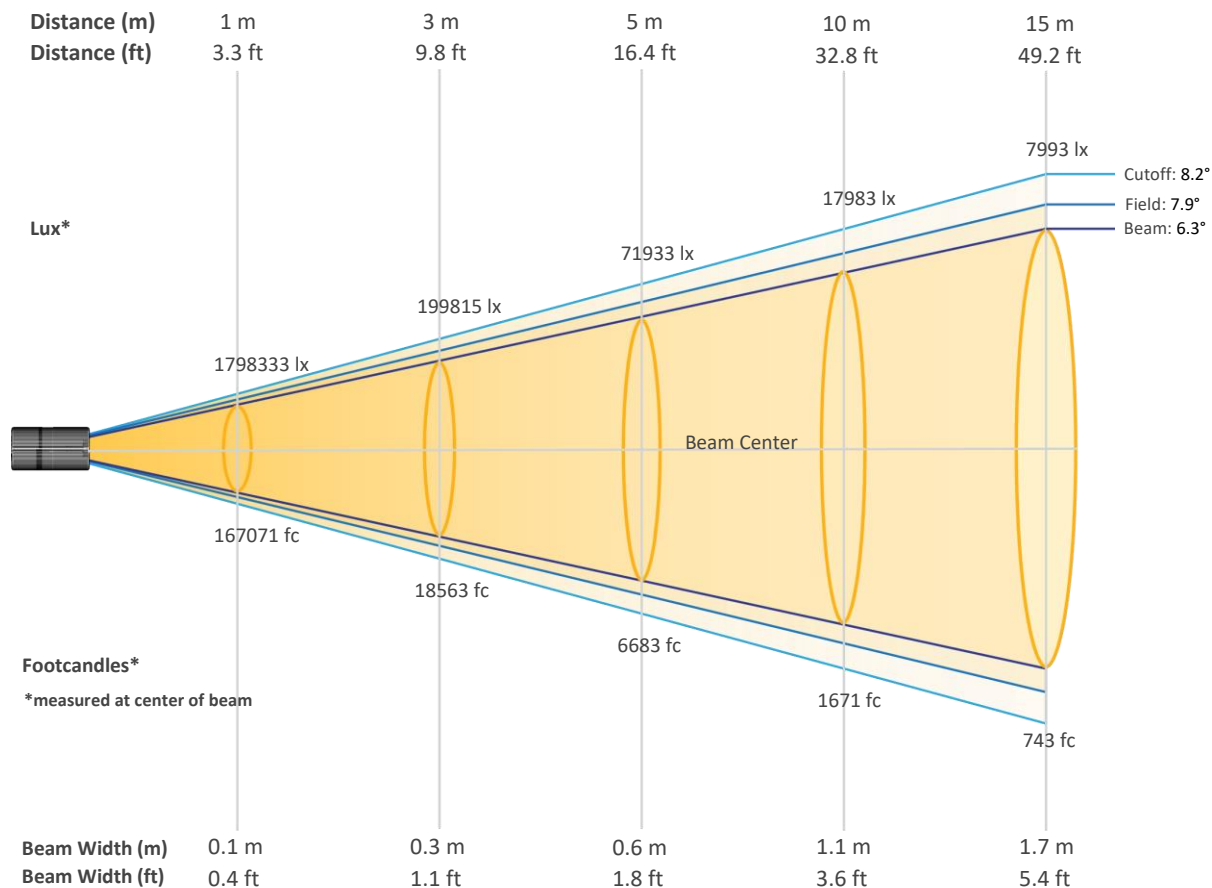
Color Temperature

7075 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Full

Beam Details

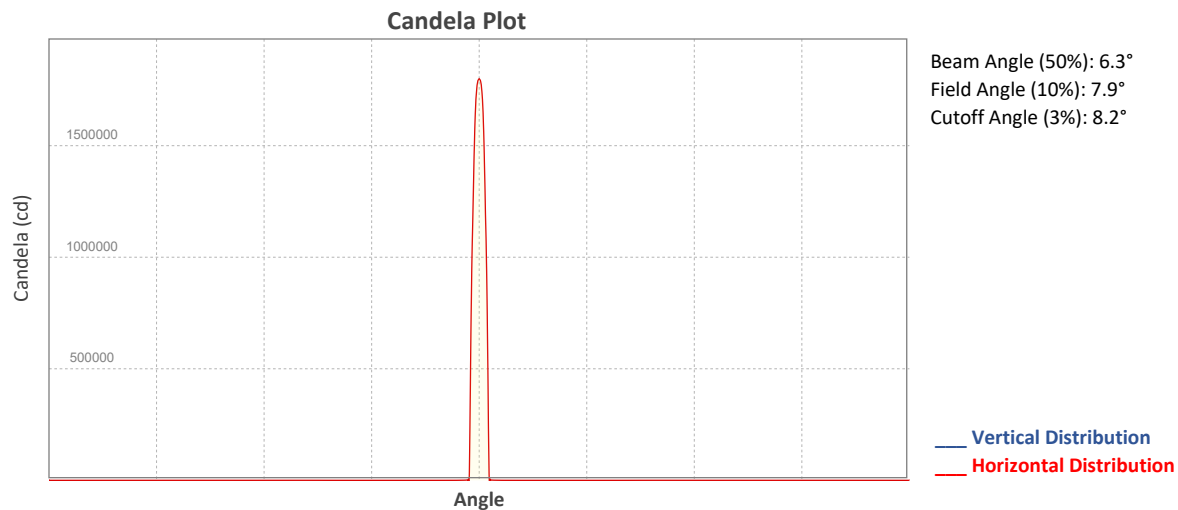


Beam Intensities from 1-20m (3.3-65.6ft)

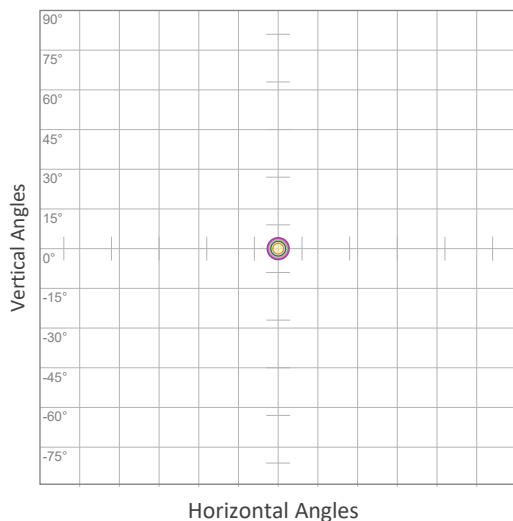
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1798333	449583	199815	112396	71933	49954	36701	28099	22202	17983
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	14862	12488	10641	9175	7993	7025	6223	5550	4982	4496
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	167071	41768	18563	10442	6683	4641	3410	2610	2063	1671
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1381	1160	989	852	743	653	578	516	463	418

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Full



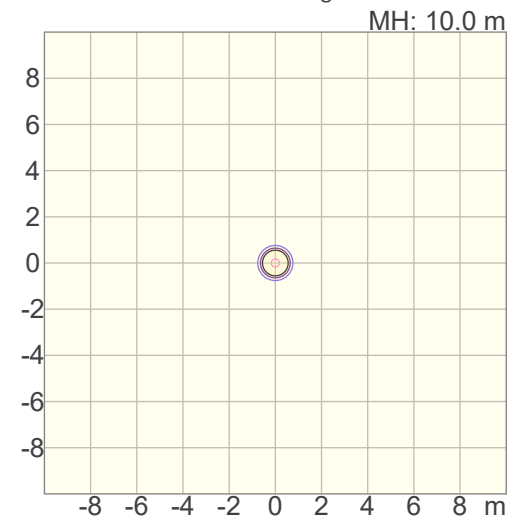
ISO Diagrams



ISO Candela Diagram

	10%	179833 cd
	20%	359667 cd
	30%	539500 cd
	40%	719333 cd
	50%	899166 cd
	60%	1079000 cd
	70%	1258833 cd
	80%	1438666 cd
	90%	1618500 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1798333 cd



ISO Lux Diagram

	3%	539 lx
	5%	899 lx
	10%	1798 lx
	30%	5395 lx
	50%	8992 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 18.0K lx

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

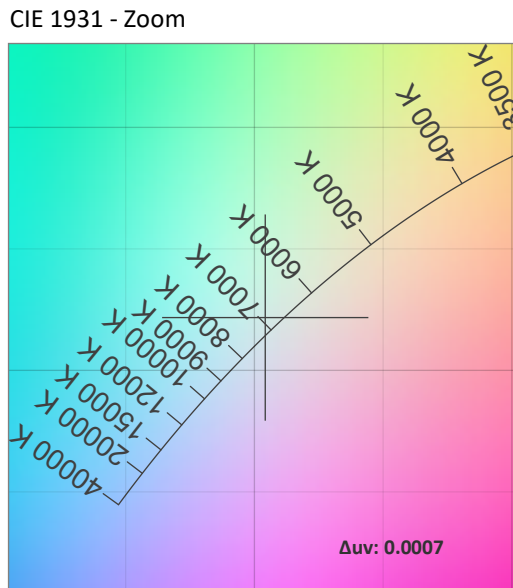
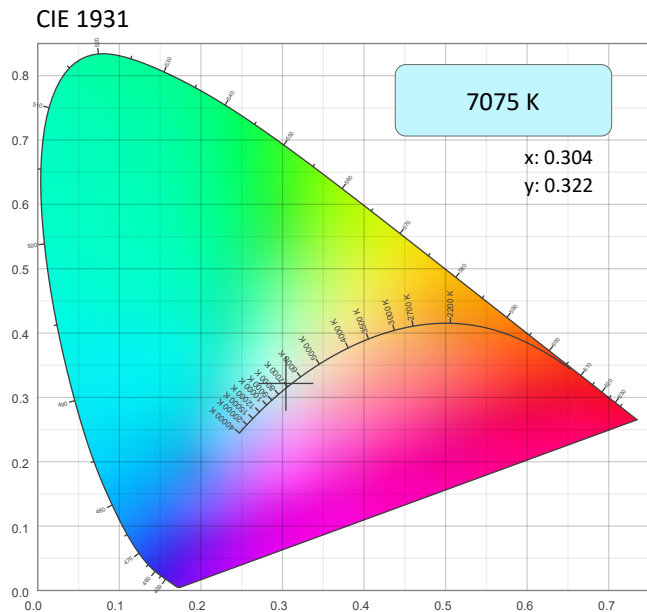
Mounting height: 10 meters / 33 feet



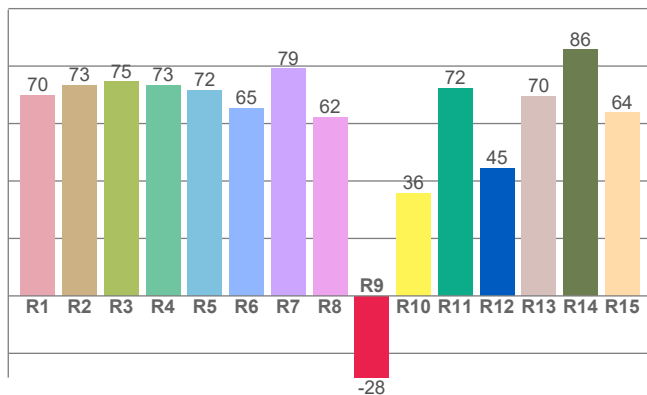
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Full

Chromaticity



CRI: 71.2 (R1-R8)

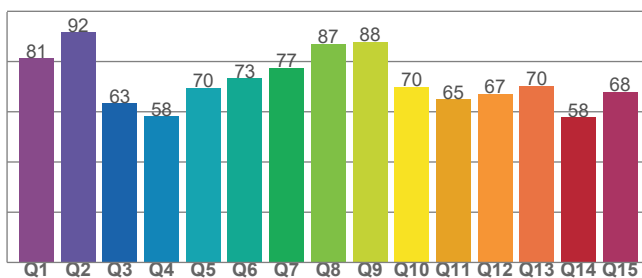


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7075 K	0.304	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0007	0.322	0.195

CQS: 70.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.2	-28.4	70.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.1	94.5

Photometric & Chromaticity Report

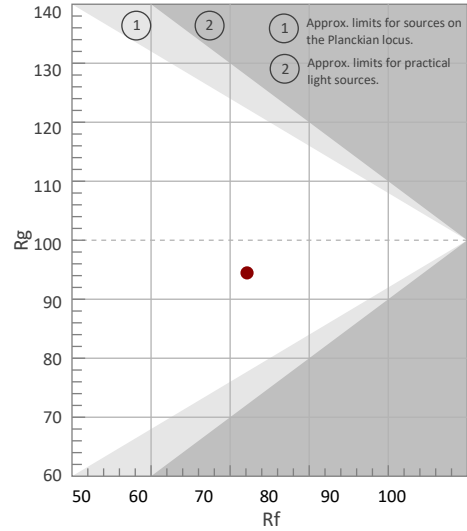
Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Full

TM-30 Details

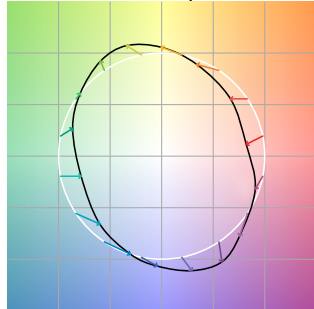
Rf 72.1
Fidelity Index (Rg)

Rg 94.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	66	3%	21%
5	73	12%	13%
6	84	10%	-2%
7	90	-1%	-7%
8	77	-10%	-9%
9	77	-20%	4%
10	65	-14%	21%
11	45	-4%	28%
12	70	5%	17%
13	81	15%	7%
14	77	18%	-8%
15	71	6%	-22%
16	76	-5%	-13%



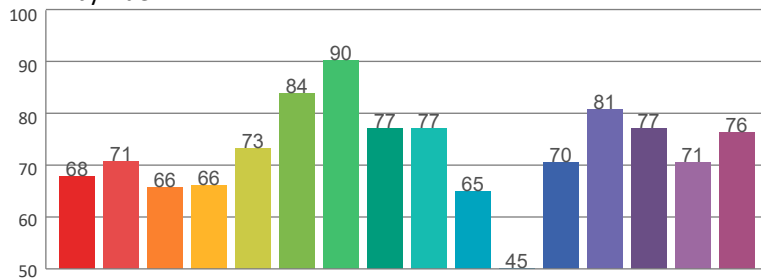
Color Vector Graphic



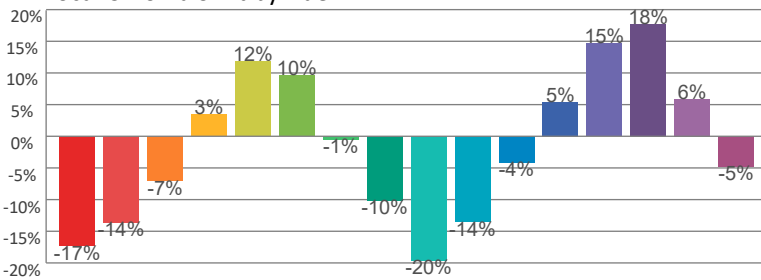
Color Distortion Graphic



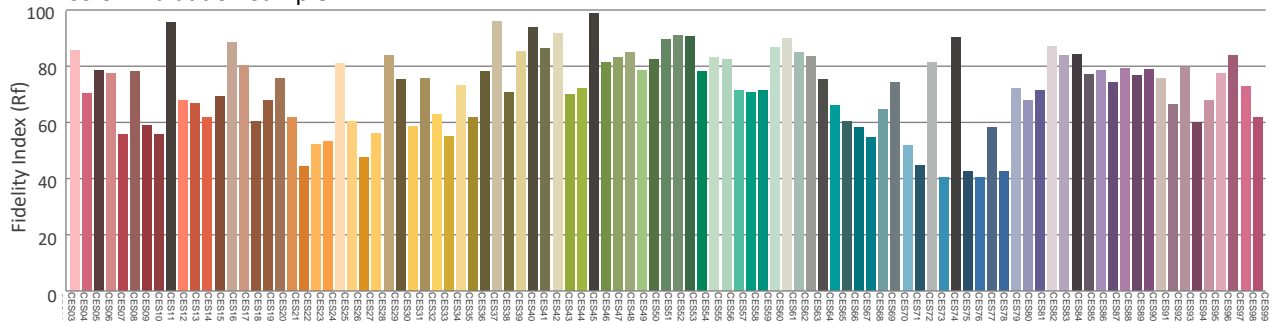
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 17901 lm
Fixture Peak: 1835566 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 73423 lux
Color Temperature: 7021 K
CRI: 70.8 CRI R9 Value: -29.7
CQS: 70.6
TLCI: 50
TM-30 Rf: 71.8
TM-30 Rg: 94.5
Beam Angle (50%): 6.2°
Field Angle (10%): 7.8°
Cutoff Angle (3%): 8.1°

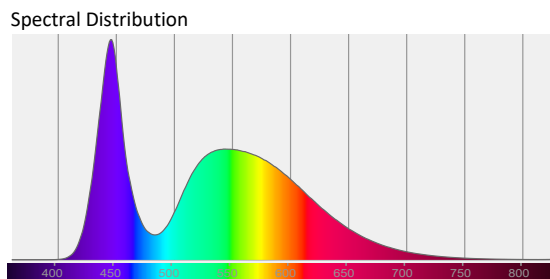
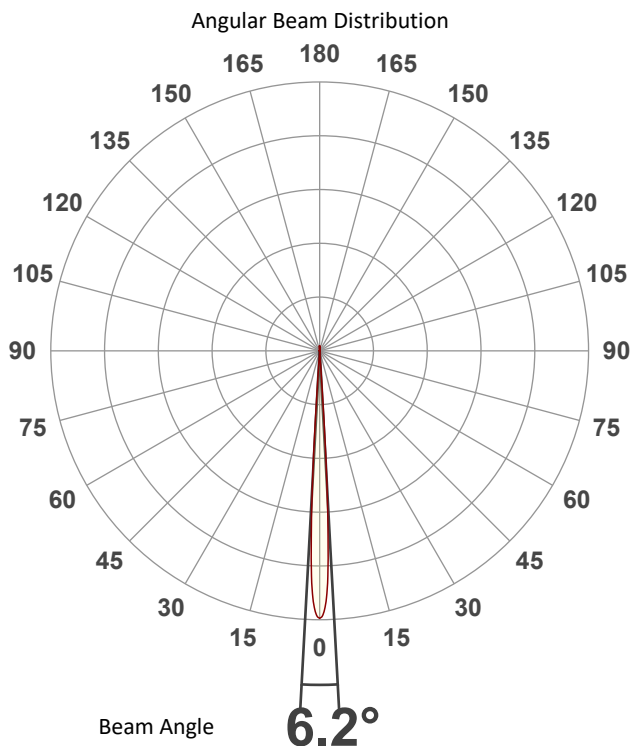


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

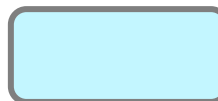
Overall Measurement



Tested Color (CIE 1931):

X: 0.305

Y: 0.323



Light Quality

CRI: 70.8

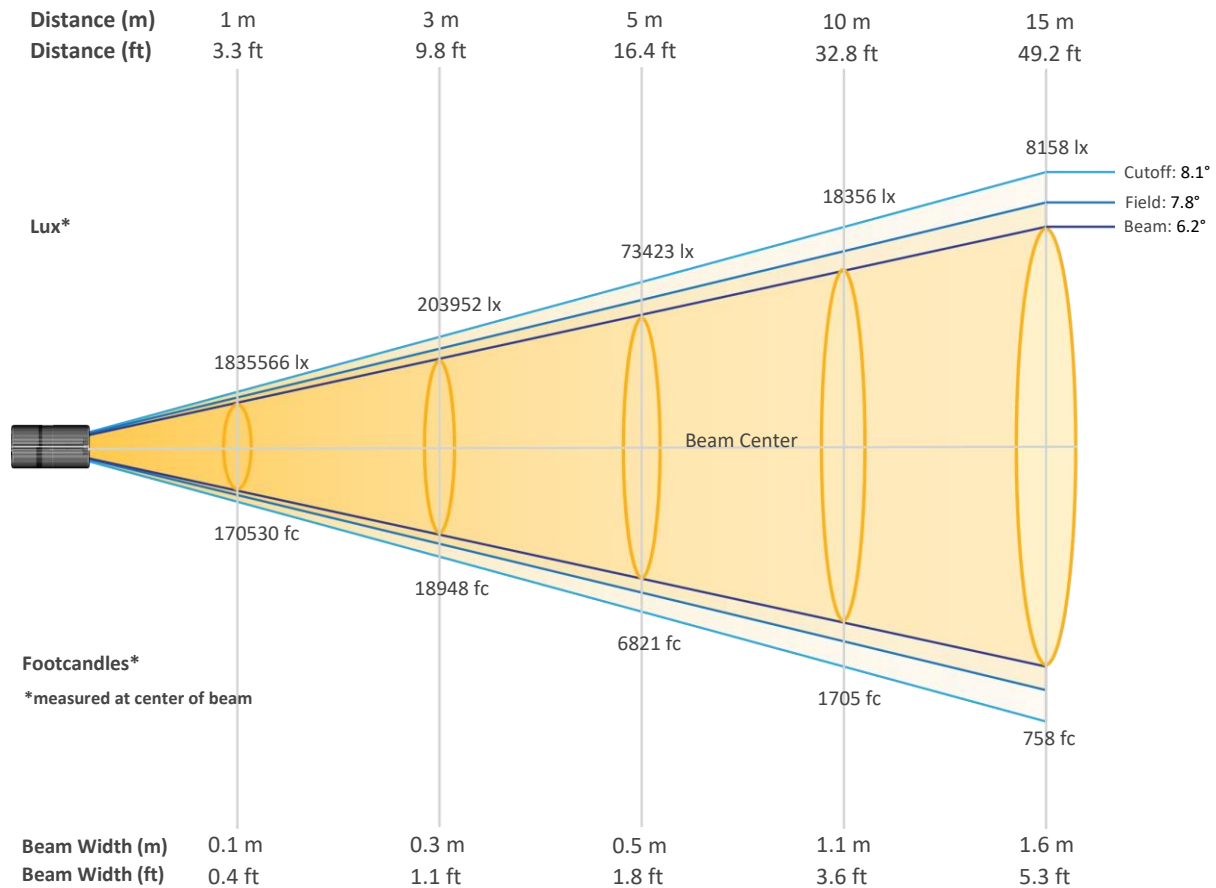
Color Temperature

7021 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Auto

Beam Details

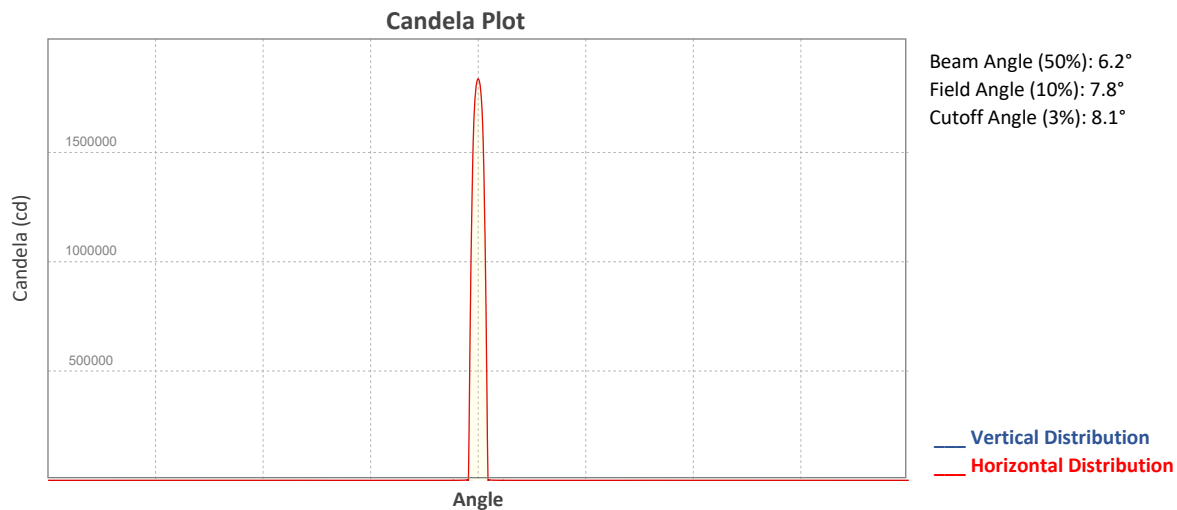


Beam Intensities from 1-20m (3.3-65.6ft)

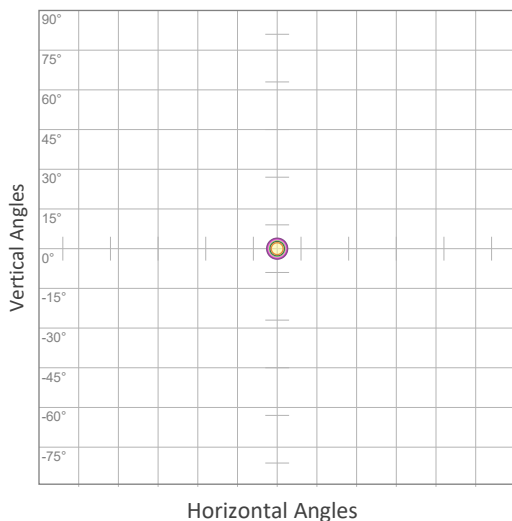
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1835566	458891	203952	114723	73423	50988	37461	28681	22661	18356
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	15170	12747	10861	9365	8158	7170	6351	5665	5085	4589
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	170530	42632	18948	10658	6821	4737	3480	2665	2105	1705
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1409	1184	1009	870	758	666	590	526	472	426

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Auto



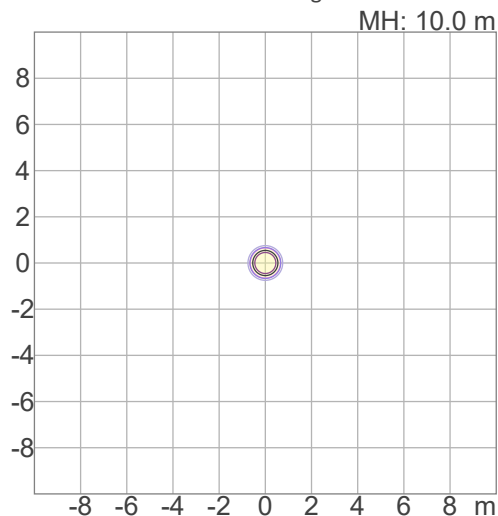
ISO Diagrams



ISO Candela Diagram

10%	183557 cd
20%	367113 cd
30%	550670 cd
40%	734226 cd
50%	917783 cd
60%	1101339 cd
70%	1284896 cd
80%	1468453 cd
90%	1652009 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1835566 cd



ISO Lux Diagram

3%	551 lx
5%	918 lx
10%	1836 lx
30%	5507 lx
50%	9178 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 18.4K lx

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

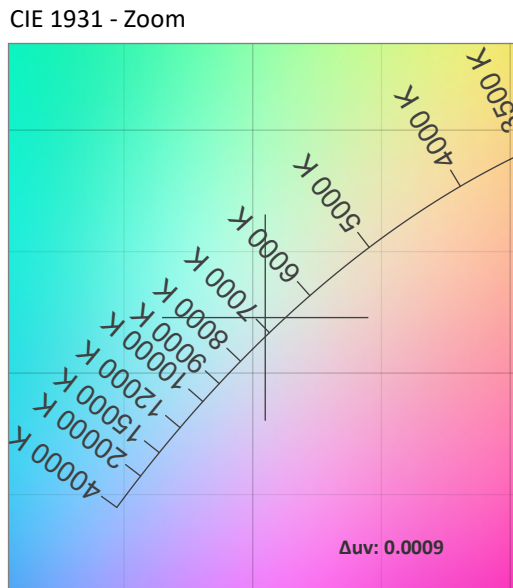
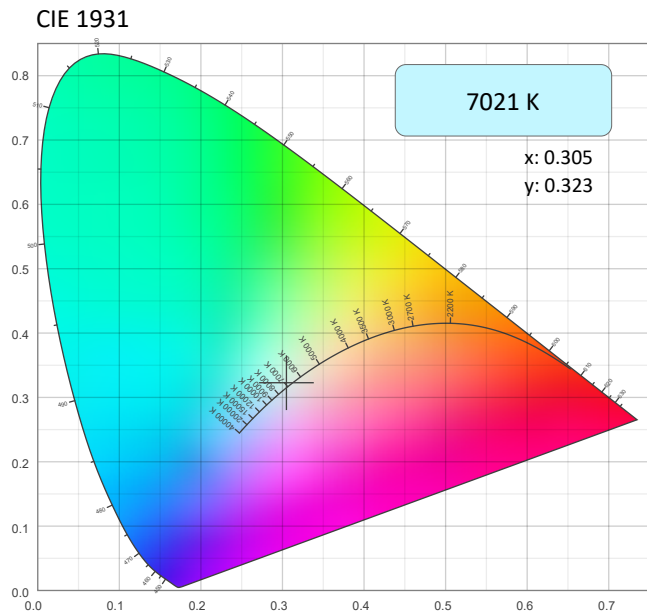
Mounting height: 10 meters / 33 feet



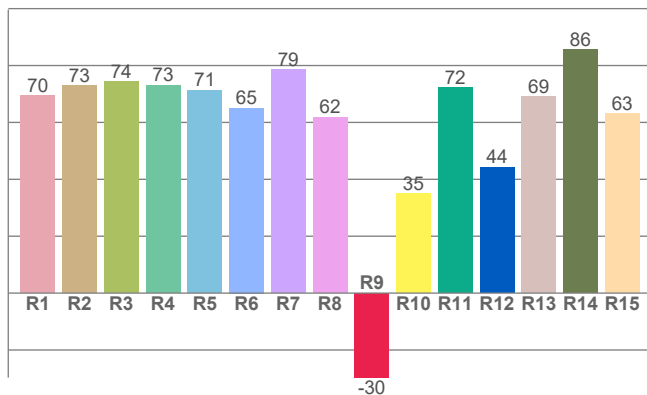
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Auto

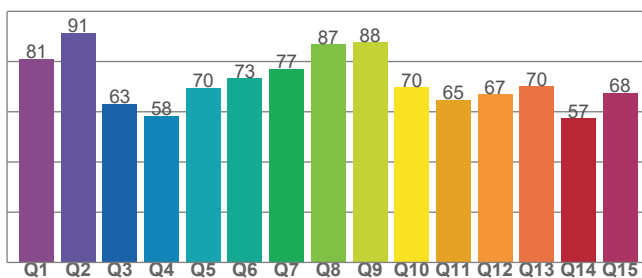
Chromaticity



CRI: 70.8 (R1-R8)



CQS: 70.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7021 K	0.305	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.323	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.8	-29.7	70.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	71.8	94.5

Photometric & Chromaticity Report

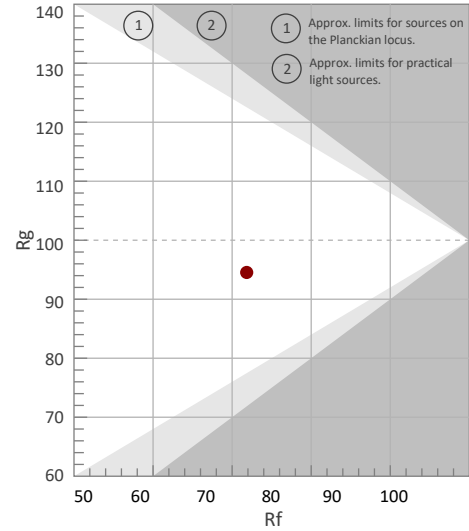
Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Auto

TM-30 Details

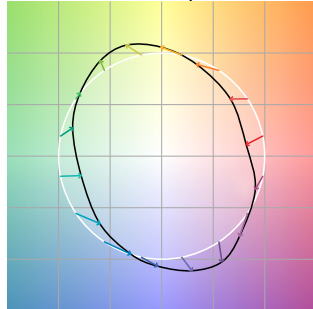
Rf 71.8
Fidelity Index
(Rg)

Rg 94.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	65	-7%	21%
4	66	4%	21%
5	73	12%	13%
6	83	10%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	65	-14%	21%
11	44	-4%	28%
12	70	5%	17%
13	81	15%	7%
14	77	18%	-8%
15	70	6%	-22%
16	76	-5%	-14%



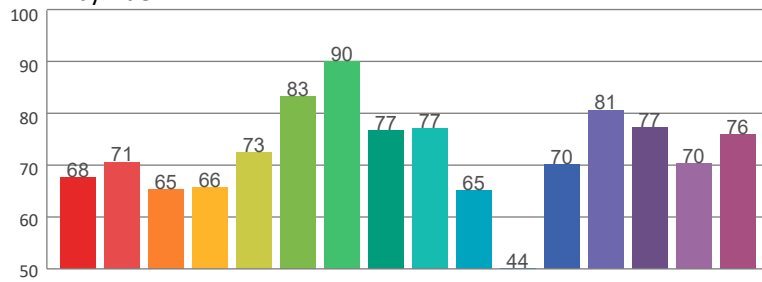
Color Vector Graphic



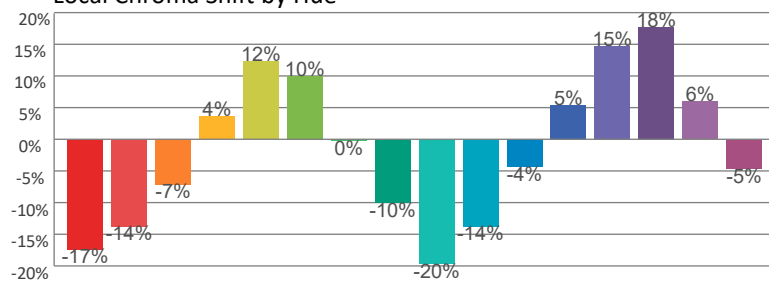
Color Distortion Graphic



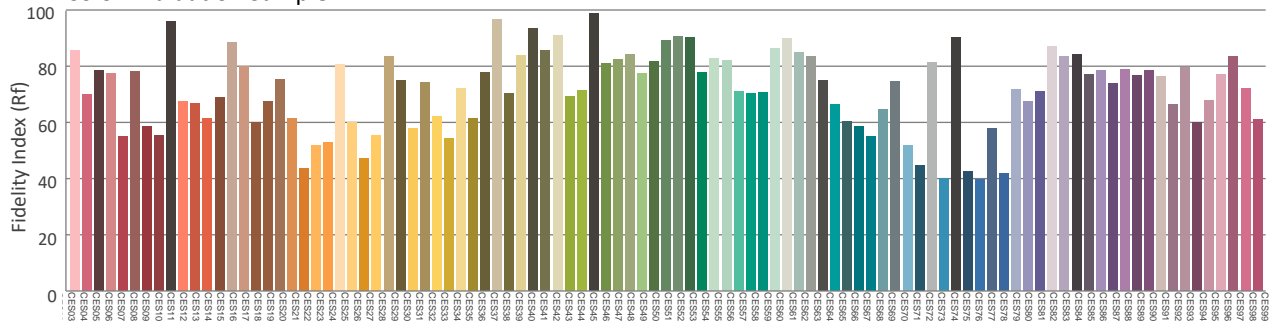
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Eco

Report Summary

Measurements

Fixture Output: 17943 lm
Fixture Peak: 1821739 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 72870 lux
Color Temperature: 7036 K
CRI: 70.9 CRI R9 Value: -29.3
CQS: 70.6
TLCI: 50
TM-30 Rf: 71.9
TM-30 Rg: 94.5
Beam Angle (50%): 6.3°
Field Angle (10%): 7.7°
Cutoff Angle (3%): 8.4°

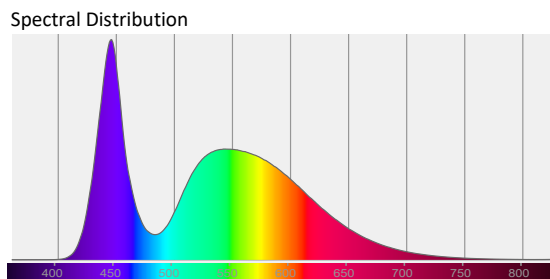
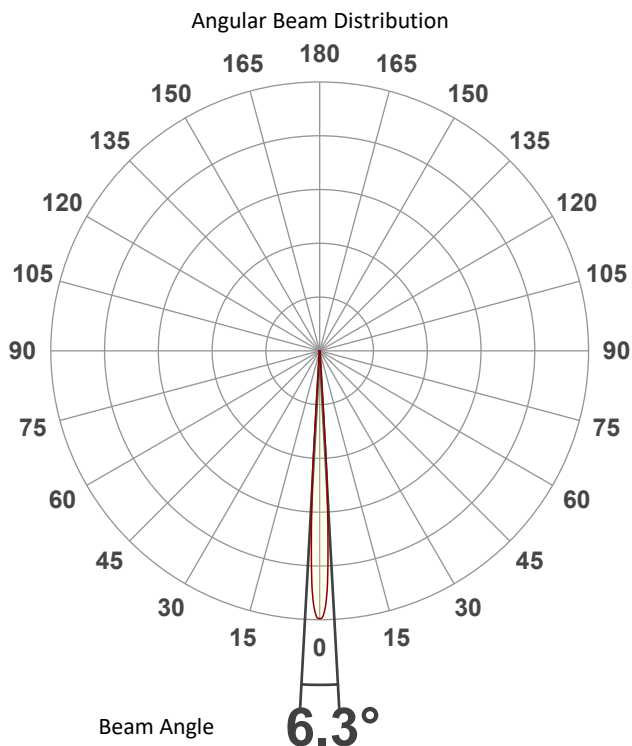


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

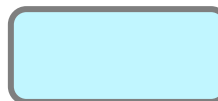
Overall Measurement



Tested Color (CIE 1931):

X: 0.305

Y: 0.323



Light Quality

CRI: 70.9

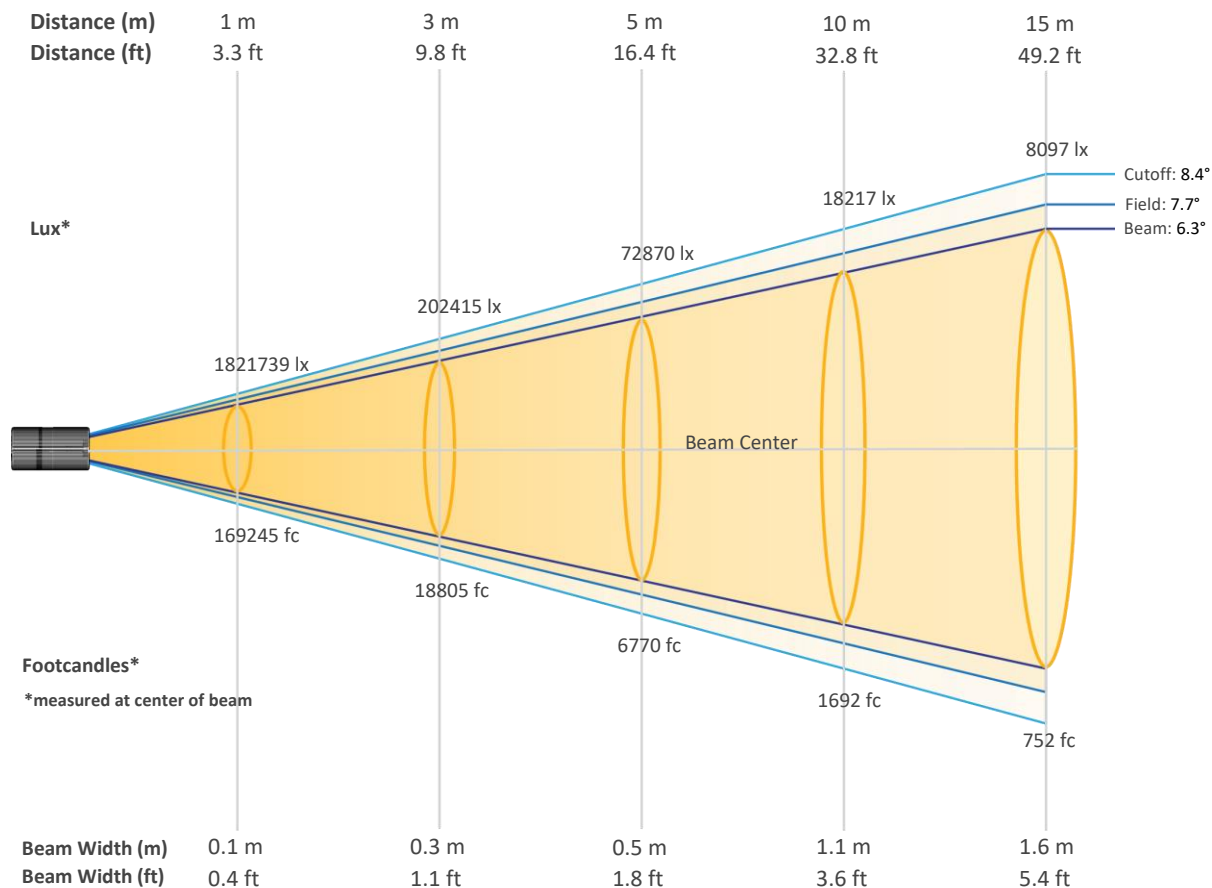
Color Temperature

7036 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Eco

Beam Details

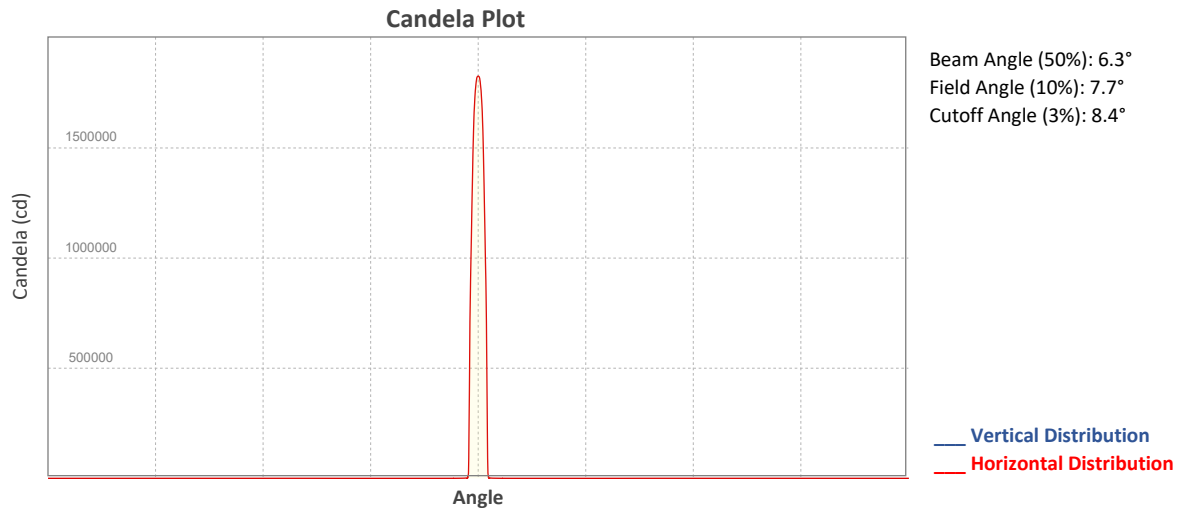


Beam Intensities from 1-20m (3.3-65.6ft)

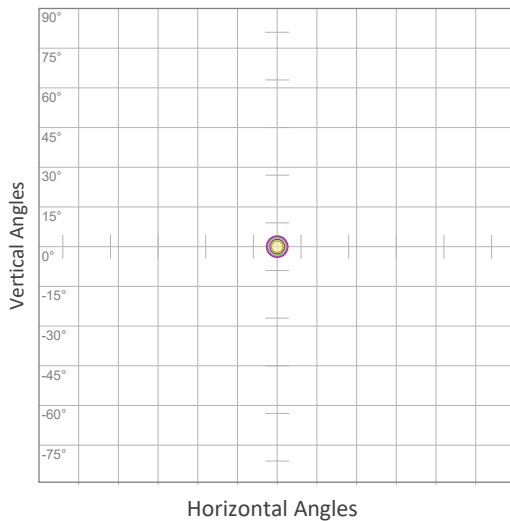
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1821739	455435	202415	113859	72870	50604	37178	28465	22491	18217
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	15056	12651	10780	9295	8097	7116	6304	5623	5046	4554
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	169245	42311	18805	10578	6770	4701	3454	2644	2089	1692
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1399	1175	1001	863	752	661	586	522	469	423

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Eco



ISO Diagrams



ISO Candela Diagram

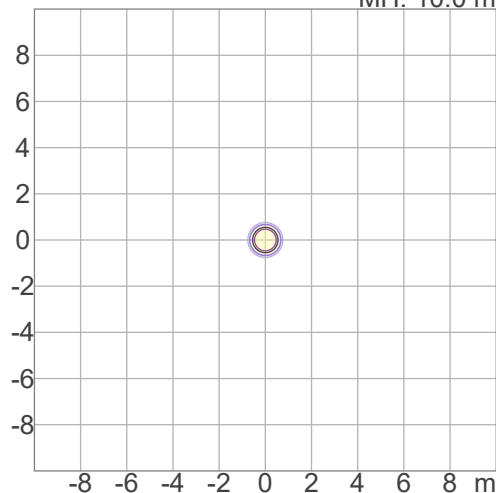
10%	182174 cd
20%	364348 cd
30%	546522 cd
40%	728696 cd
50%	910869 cd
60%	1093043 cd
70%	1275217 cd
80%	1457391 cd
90%	1639565 cd

Conditions:

Number of c-planes: 2
 Candela at center: 1821739 cd

Horizontal Angles

MH: 10.0 m



ISO Lux Diagram

3%	547 lx
5%	911 lx
10%	1822 lx
30%	5465 lx
50%	9109 lx

Conditions:

Number of c-planes: 2
 Candela at center: 18.2K lx

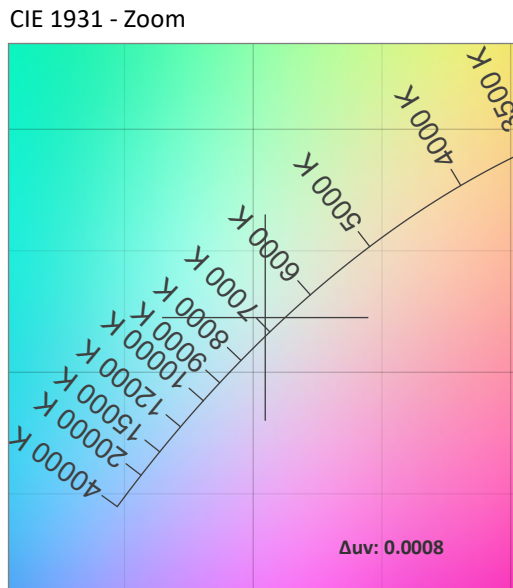
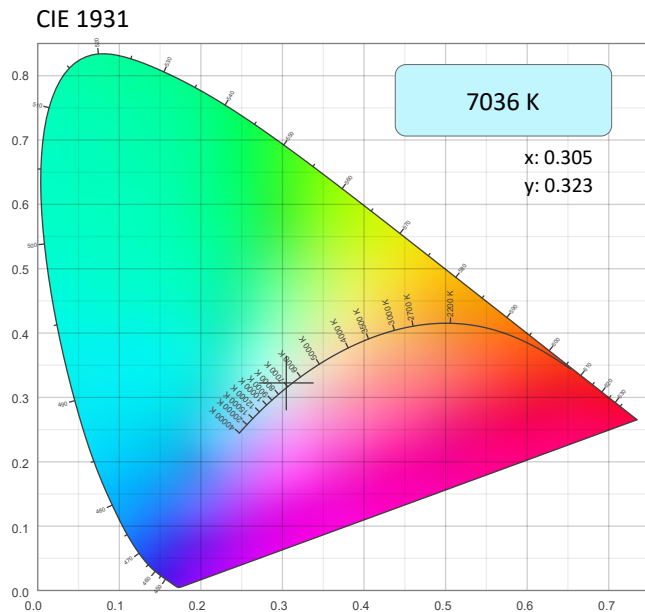
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

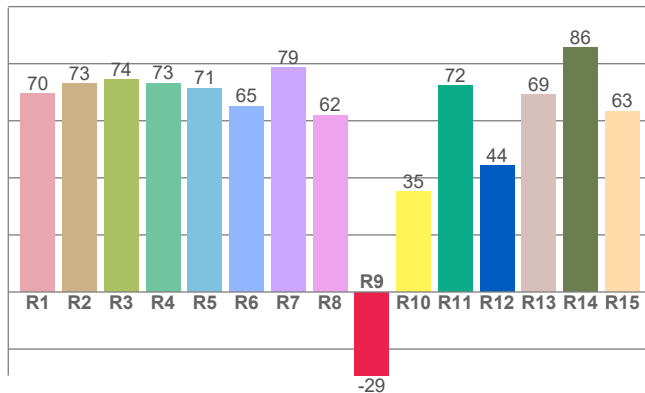
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Eco

Chromaticity



CRI: 70.9 (R1-R8)

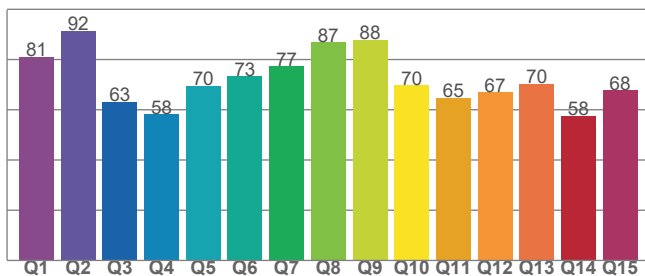


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7036 K	0.305	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0008	0.323	0.195

CQS: 70.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.9	-29.3	70.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	71.9	94.5

Photometric & Chromaticity Report

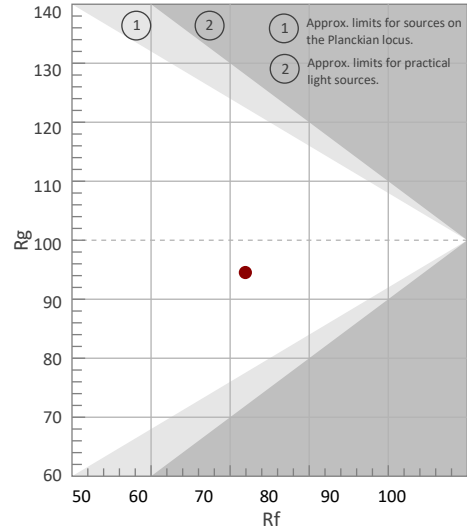
Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to Eco

TM-30 Details

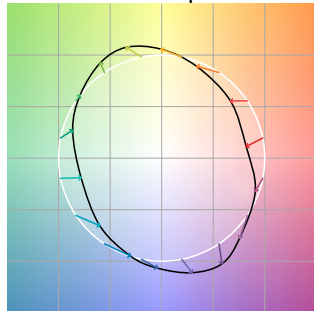
Rf 71.9
Fidelity Index (Rg)

Rg 94.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	65	-7%	21%
4	66	4%	21%
5	73	12%	13%
6	83	10%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	65	-14%	21%
11	44	-4%	28%
12	70	5%	17%
13	81	15%	7%
14	77	18%	-8%
15	70	6%	-22%
16	76	-5%	-14%



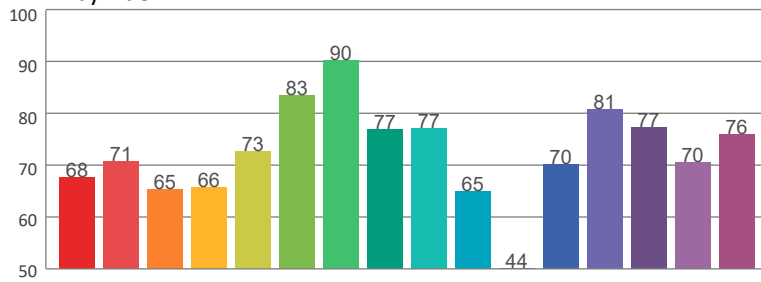
Color Vector Graphic



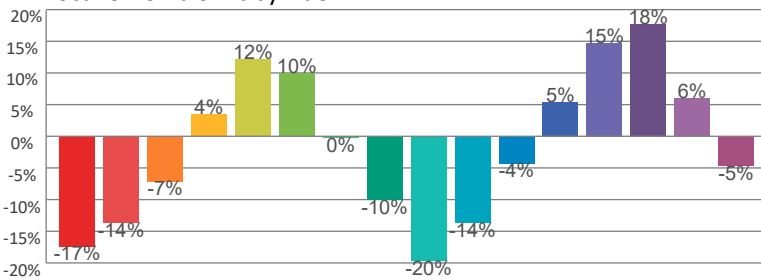
Color Distortion Graphic



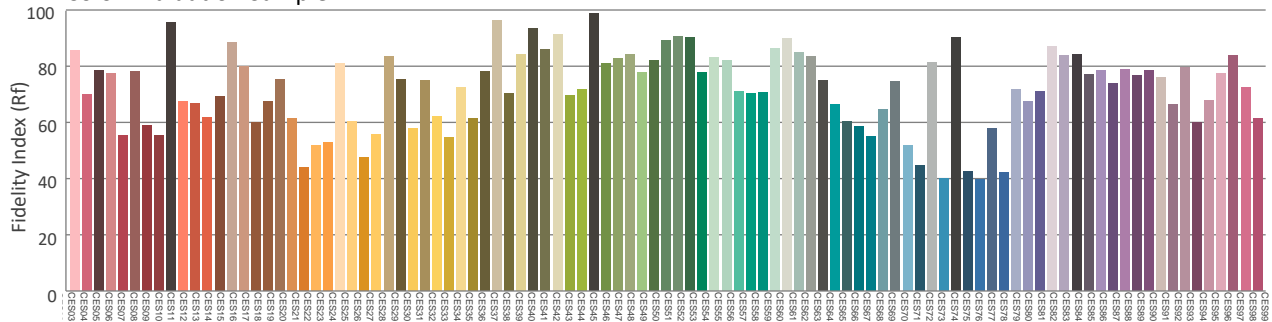
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 12089 lm
Fixture Peak: 1289334 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 51573 lux
Color Temperature: 6878 K
CRI: 69.9 CRI R9 Value: -33.9
CQS: 70.3
TLCI: 49
TM-30 Rf: 71.1
TM-30 Rg: 95.0
Beam Angle (50%): 6.3°
Field Angle (10%): 7.4°
Cutoff Angle (3%): 8.2°

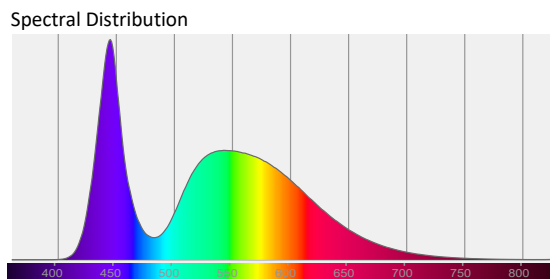
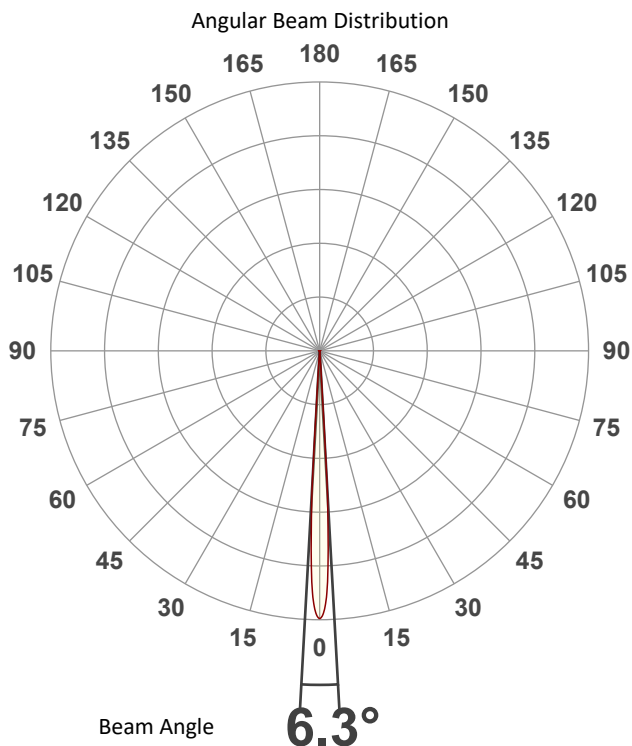


Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

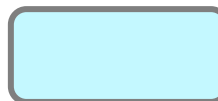
Overall Measurement



Tested Color (CIE 1931):

X: 0.307

Y: 0.326



Light Quality

CRI: 69.9

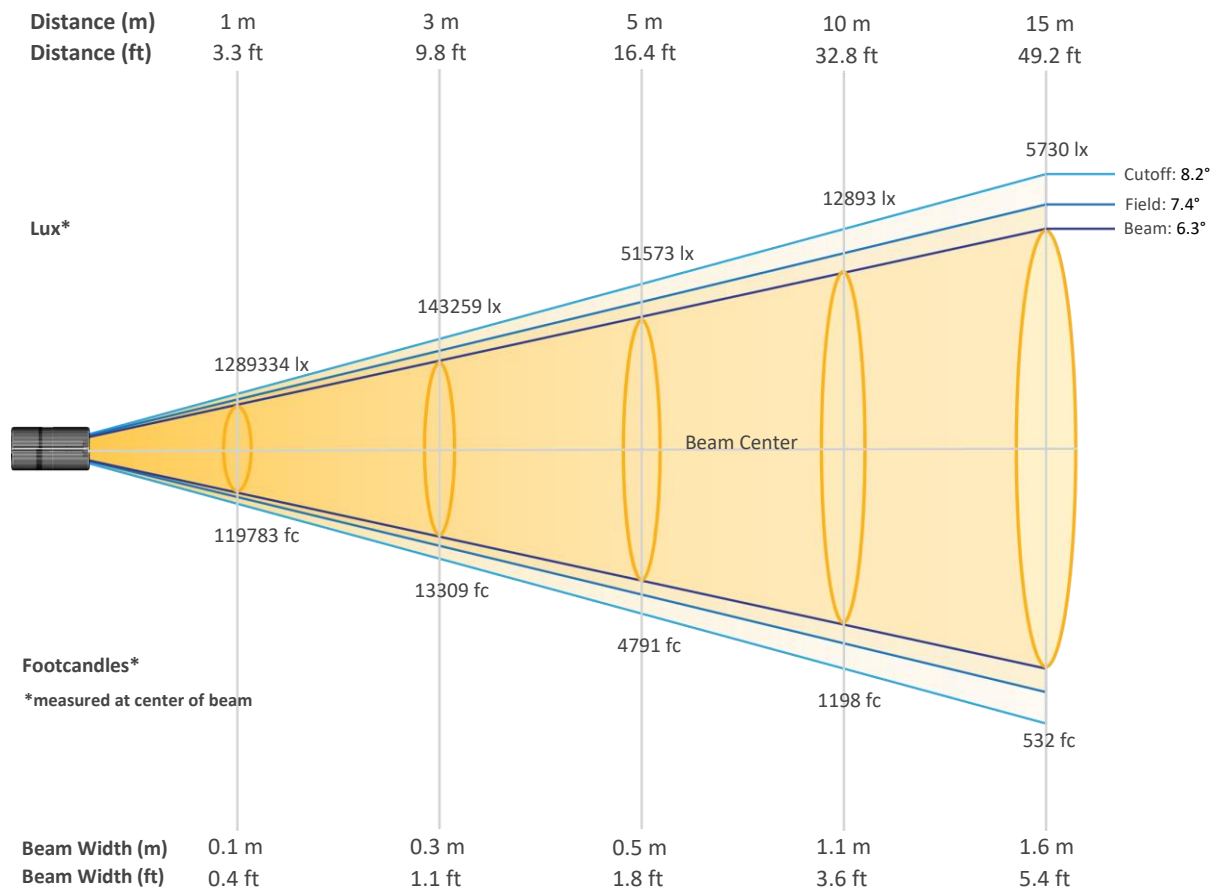
Color Temperature

6878 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-25

Beam Details

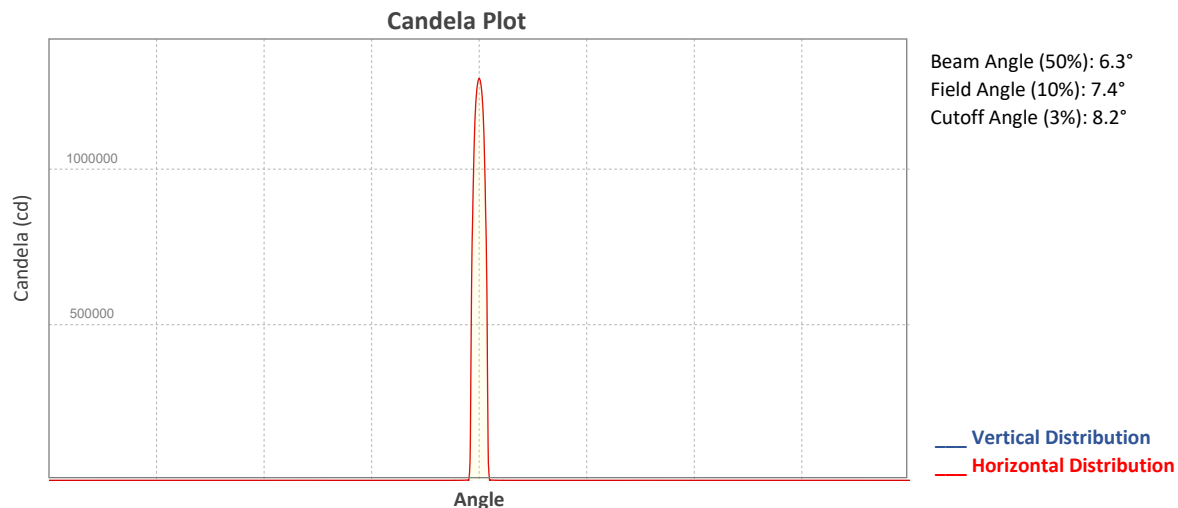


Beam Intensities from 1-20m (3.3-65.6ft)

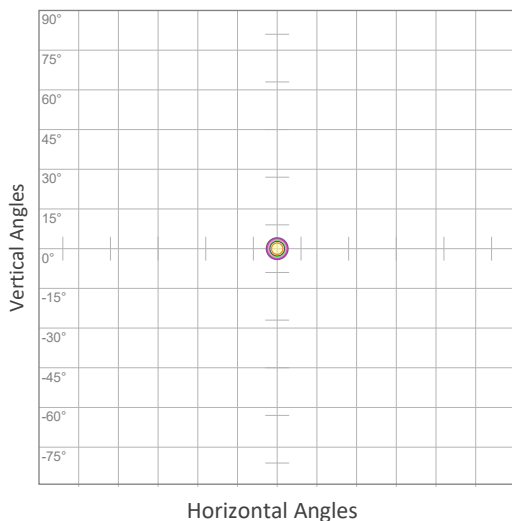
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1289334	322333	143259	80583	51573	35815	26313	20146	15918	12893
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10656	8954	7629	6578	5730	5036	4461	3979	3572	3223
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	119783	29946	13309	7486	4791	3327	2445	1872	1479	1198
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	990	832	709	611	532	468	414	370	332	299

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-25



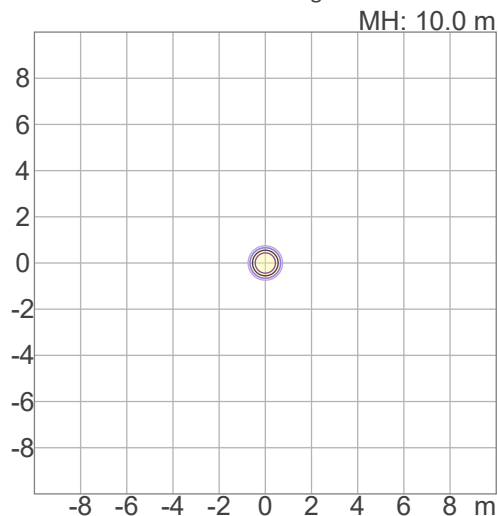
ISO Diagrams



ISO Candela Diagram

10%	128933 cd
20%	257867 cd
30%	386800 cd
40%	515734 cd
50%	644667 cd
60%	773600 cd
70%	902534 cd
80%	1031467 cd
90%	1160401 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1289334 cd



ISO Lux Diagram

3%	387 lx
5%	645 lx
10%	1289 lx
30%	3868 lx
50%	6447 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 12.9K lx

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

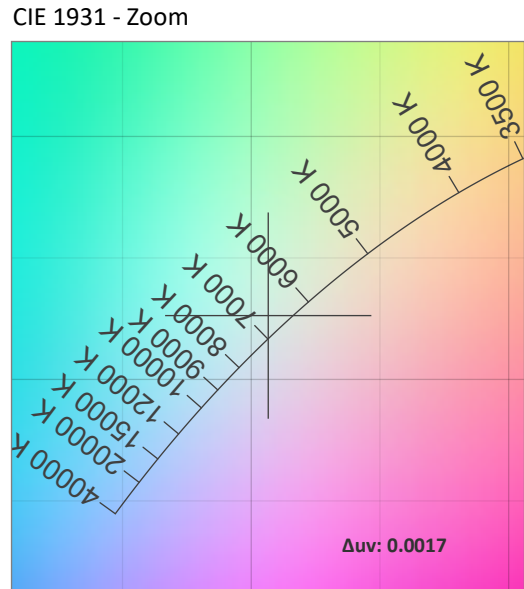
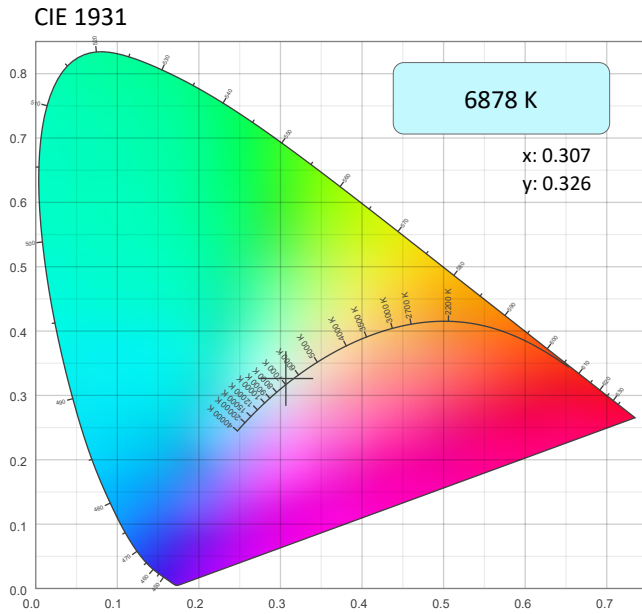
Mounting height: 10 meters / 33 feet



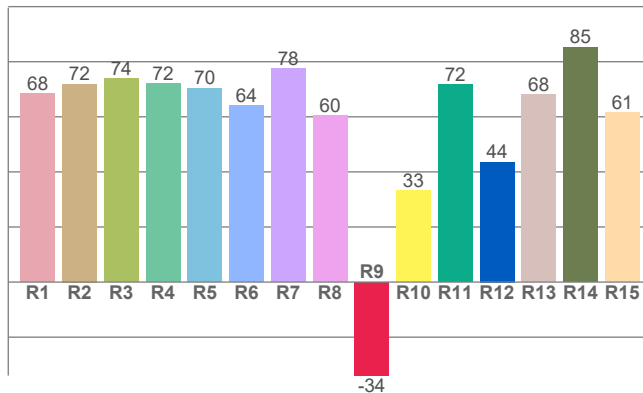
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-25

Chromaticity



CRI: 69.9 (R1-R8)

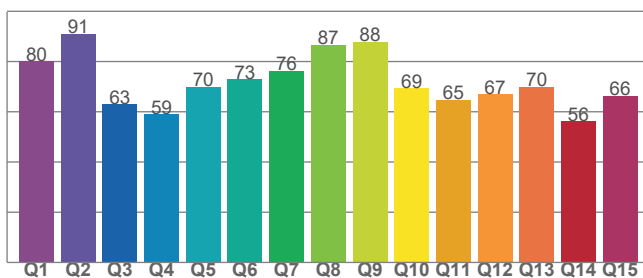


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6878 K	0.307	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0017	0.326	0.195

CQS: 70.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-33.9	70.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.1	95.0

Photometric & Chromaticity Report

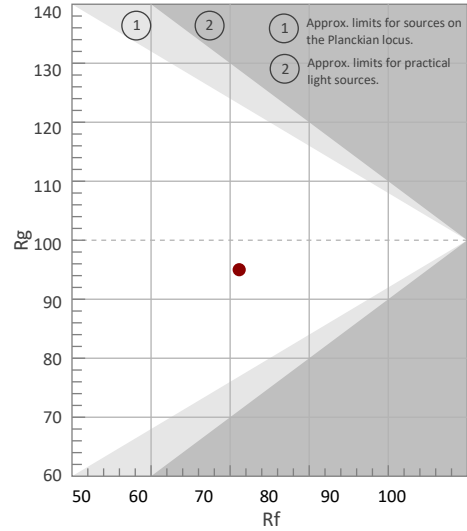
Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-25

TM-30 Details

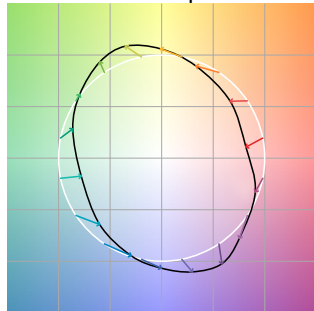
Rf 71.1
Fidelity Index (Rg)

Rg 95.0
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	64	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-2%
7	89	0%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	20%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-5%	-14%



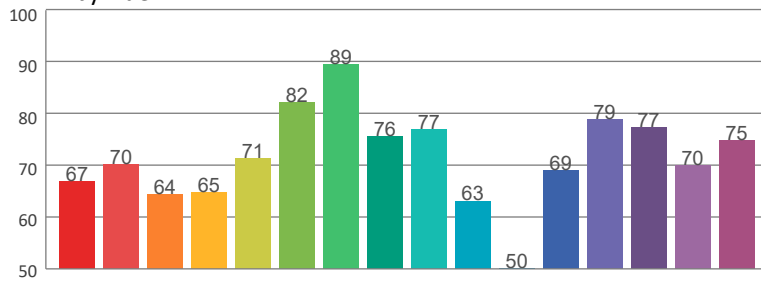
Color Vector Graphic



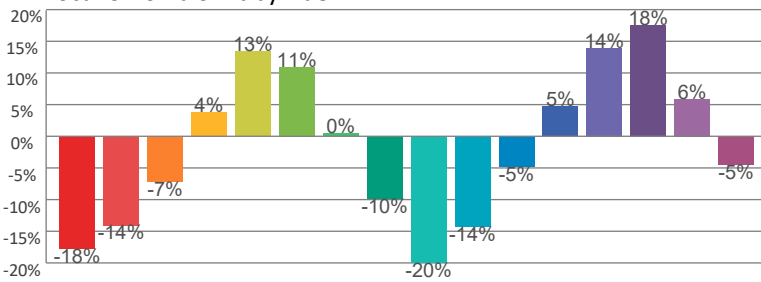
Color Distortion Graphic



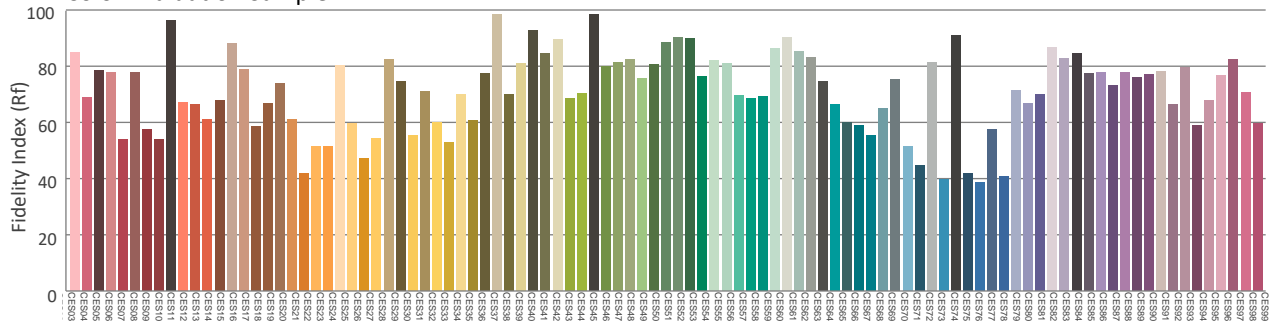
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 10292 lm
Fixture Peak: 1177289 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 47092 lux
Color Temperature: 6856 K
CRI: 69.6 CRI R9 Value: -34.8
CQS: 70.2
TLCI: 48
TM-30 Rf: 70.9
TM-30 Rg: 95.1
Beam Angle (50%): 5.6°
Field Angle (10%): 7.8°
Cutoff Angle (3%): 8.4°

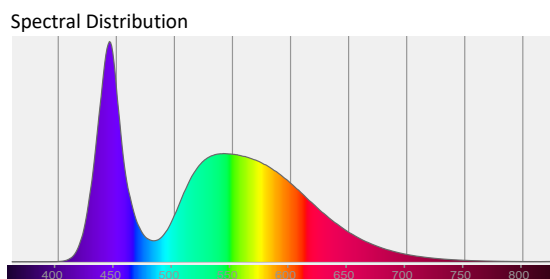
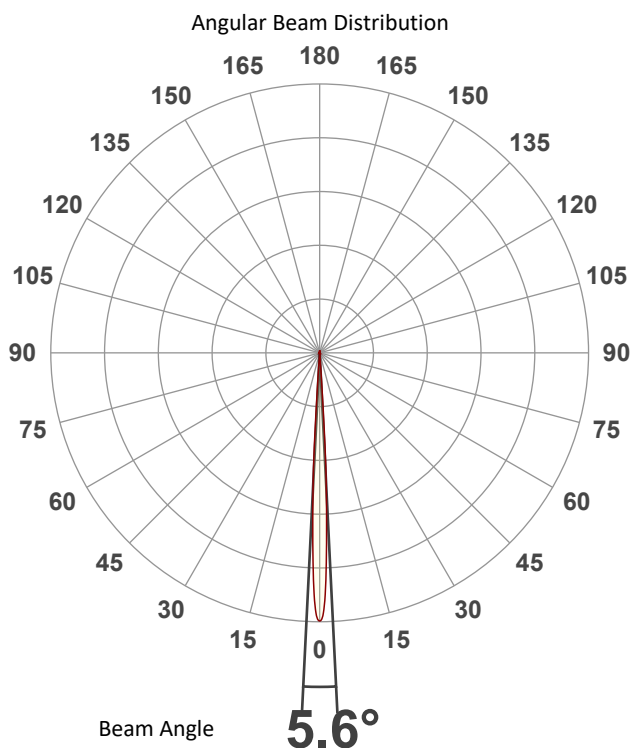


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

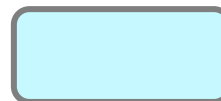
Overall Measurement



Tested Color (CIE 1931):

X: 0.307

Y: 0.327



Light Quality

CRI: 69.6

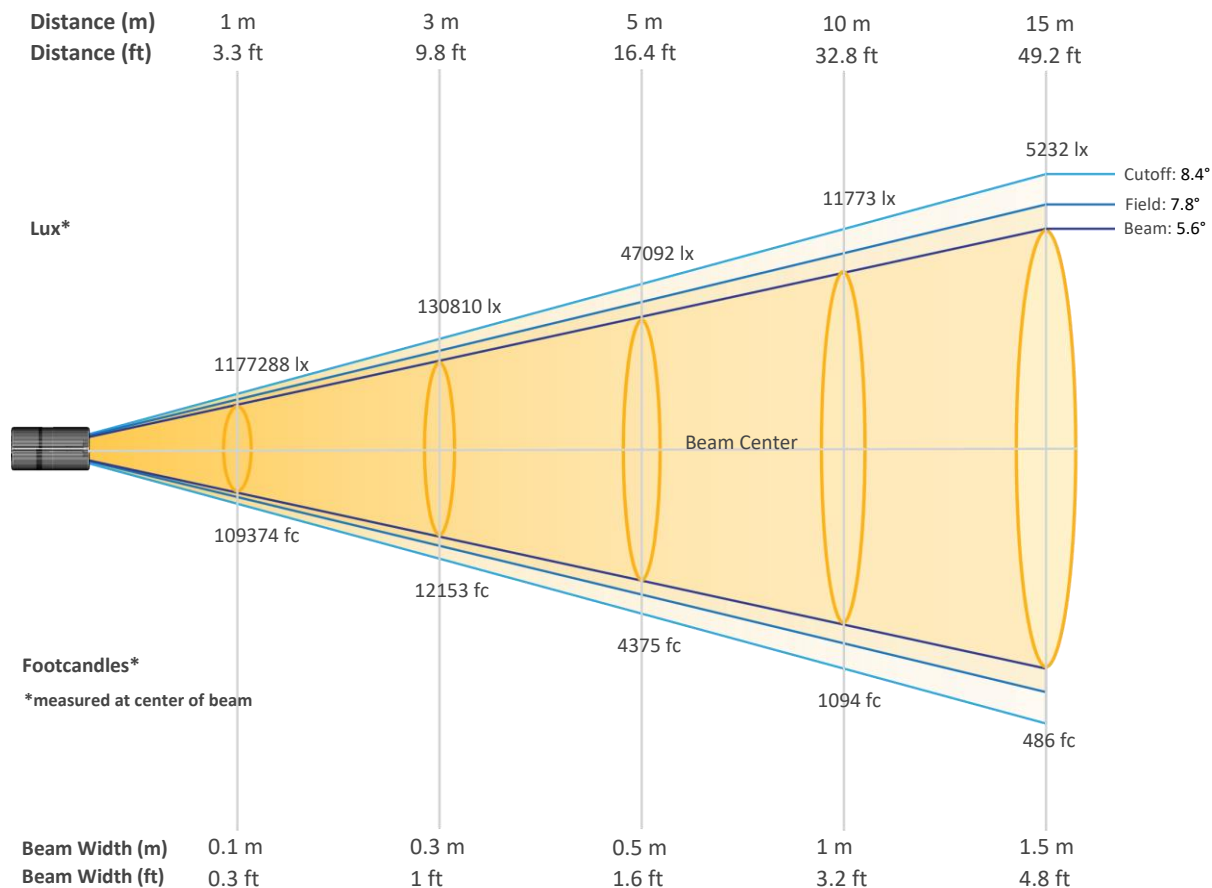
Color Temperature

6856 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-35

Beam Details

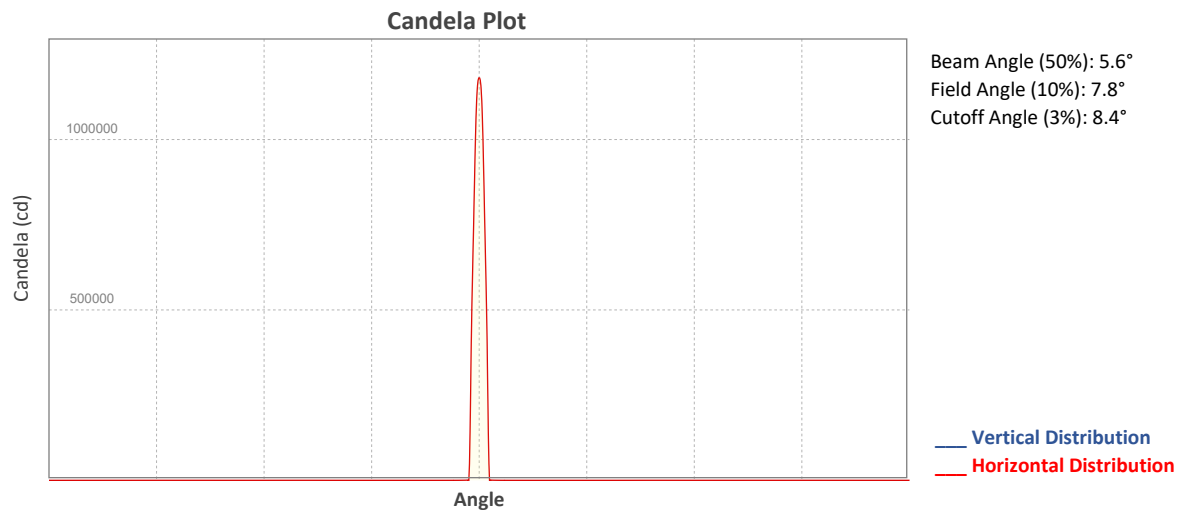


Beam Intensities from 1-20m (3.3-65.6ft)

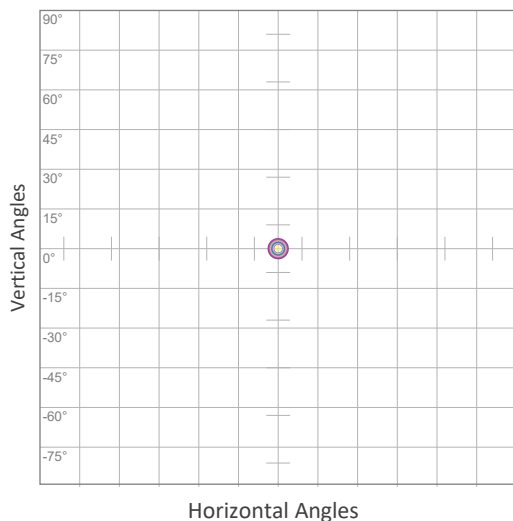
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1177288	294322	130810	73581	47092	32702	24026	18395	14534	11773
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	9730	8176	6966	6007	5232	4599	4074	3634	3261	2943
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	109374	27343	12153	6836	4375	3038	2232	1709	1350	1094
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	904	760	647	558	486	427	378	338	303	273

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-35



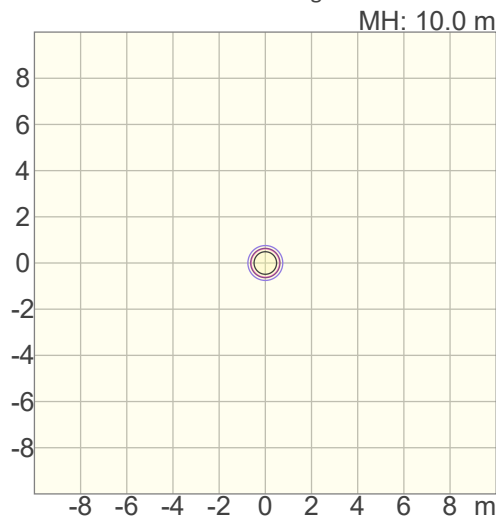
ISO Diagrams



ISO Candela Diagram

10%	117729 cd
20%	235458 cd
30%	353187 cd
40%	470915 cd
50%	588644 cd
60%	706373 cd
70%	824102 cd
80%	941831 cd
90%	1059560 cd

Conditions:
Number of c-planes: 2
Candela at center: 1177288 cd



ISO Lux Diagram

3%	353 lx
5%	589 lx
10%	1177 lx
30%	3532 lx
50%	5886 lx

Conditions:
Number of c-planes: 2
Candela at center: 11.8K lx

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

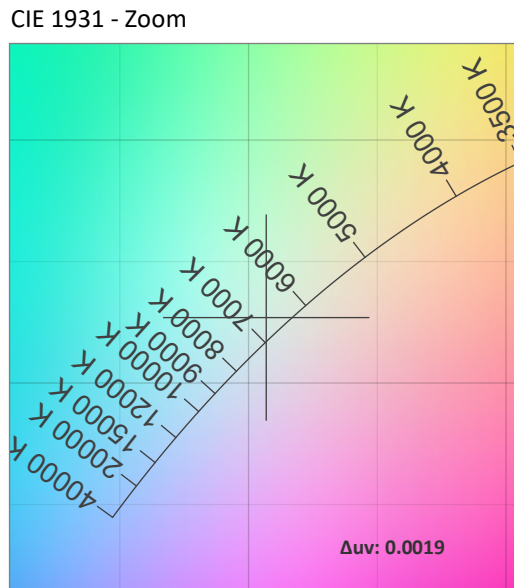
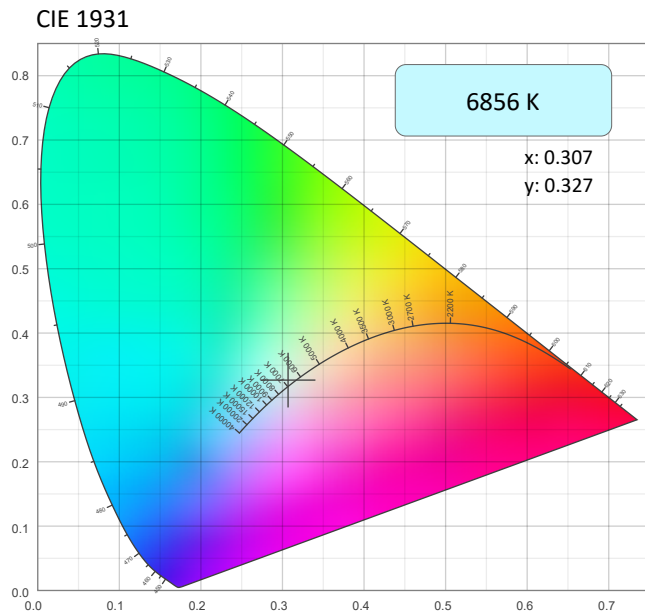
Mounting height: 10 meters / 33 feet



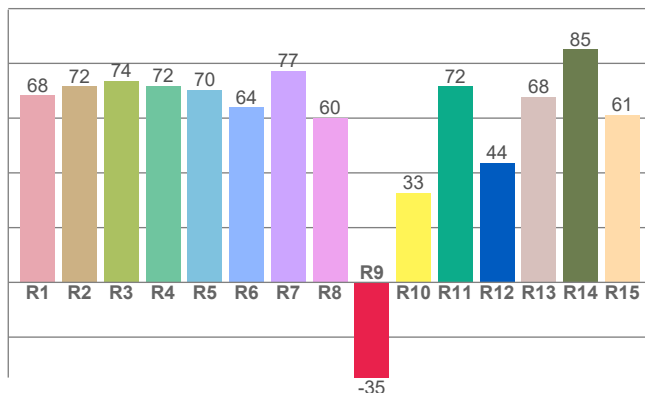
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-35

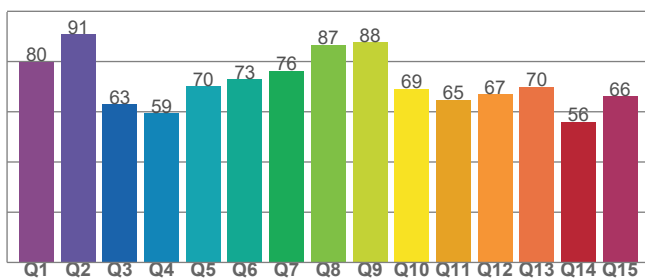
Chromaticity



CRI: 69.6 (R1-R8)



CQS: 70.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6856 K	0.307	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.327	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.6	-34.8	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.9	95.1

Photometric & Chromaticity Report

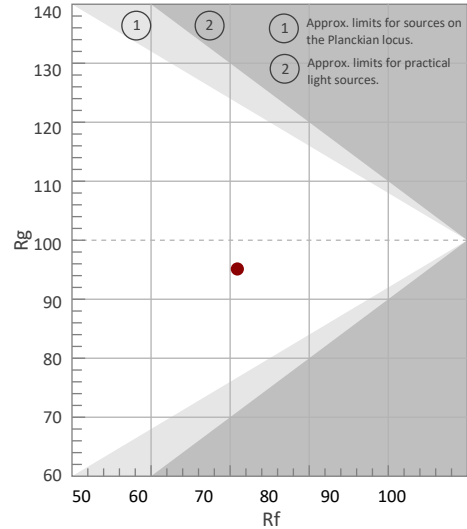
Maverick Storm 2 Profile: Full Spot - Full Power - Fan set to TV-35

TM-30 Details

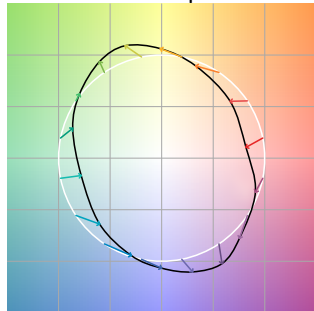
Rf 70.9
Fidelity Index (Rg)

Rg 95.1
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	70	-14%	9%
3	64	-7%	22%
4	64	4%	22%
5	71	14%	13%
6	82	11%	-2%
7	89	1%	-8%
8	75	-10%	-12%
9	77	-20%	1%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-4%	-15%



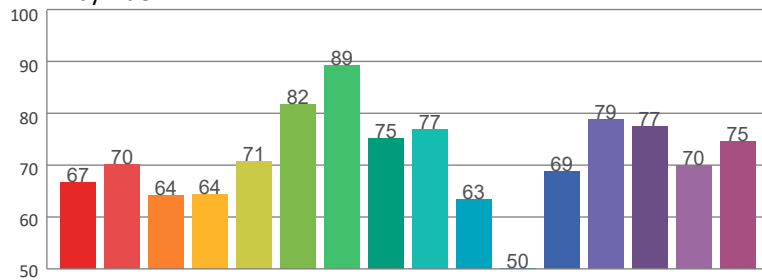
Color Vector Graphic



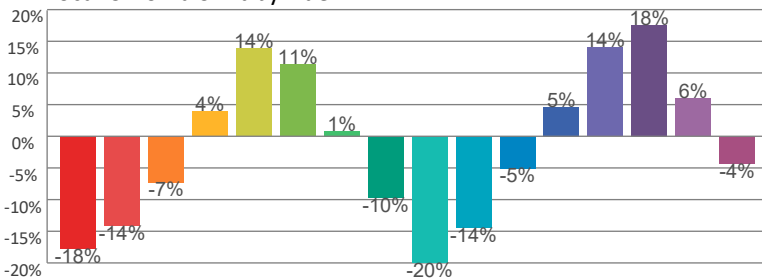
Color Distortion Graphic



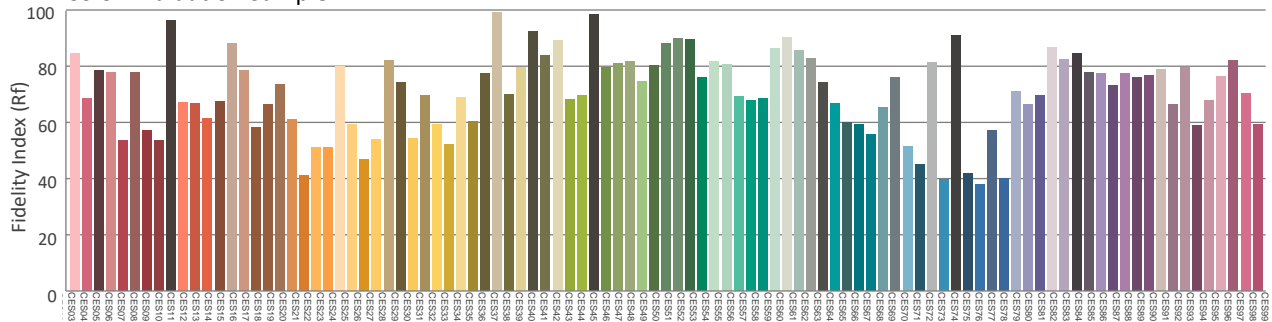
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 12925 lm
Fixture Peak: 1267771 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 50711 lux
Color Temperature: 6903 K
CRI: 69.9 CRI R9 Value: -33.4
CQS: 70.2
TLCI: 49
TM-30 Rf: 71.1
TM-30 Rg: 95.1
Beam Angle (50%): 6°
Field Angle (10%): 8.3°
Cutoff Angle (3%): 8.9°

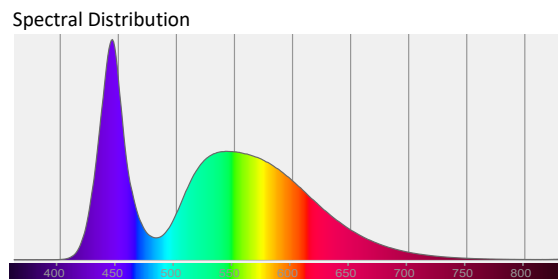
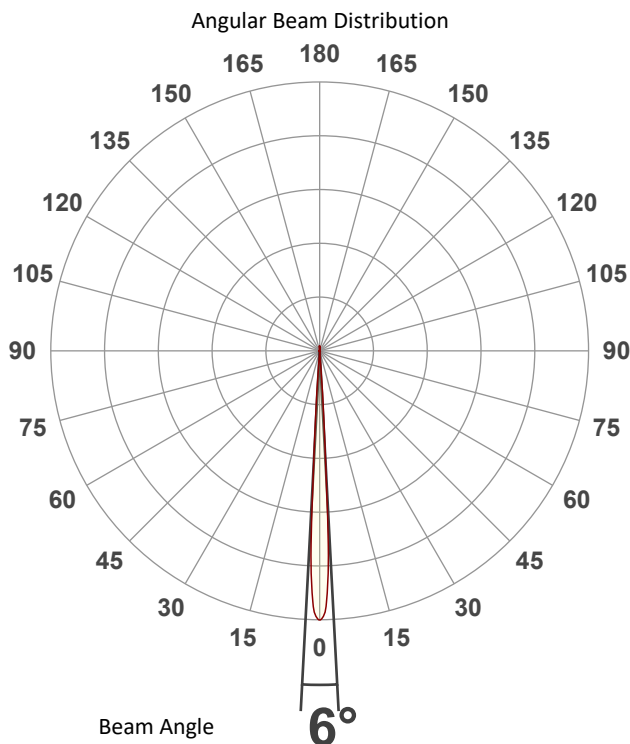


Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

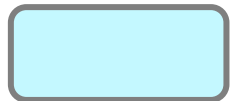
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.325



Light Quality

CRI: 69.9

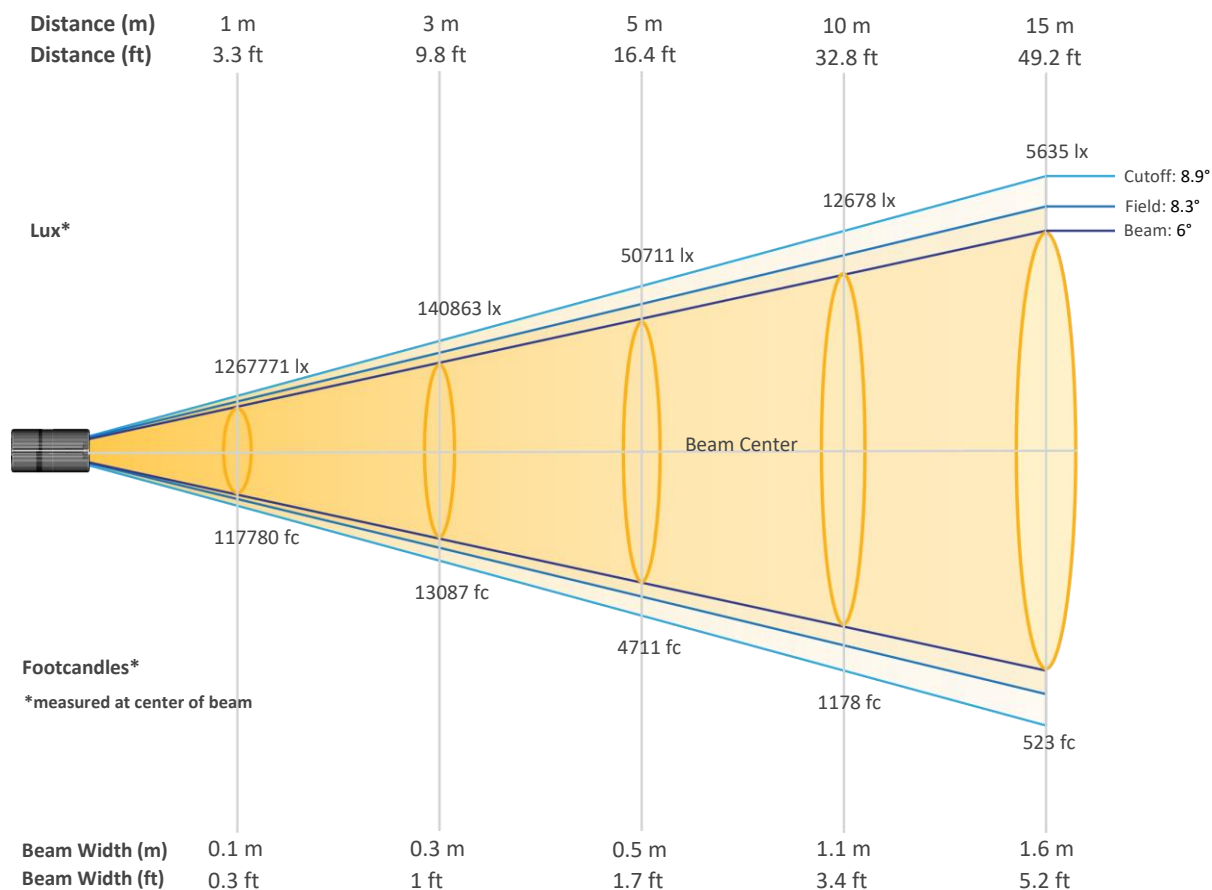
Color Temperature

6903 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-25

Beam Details

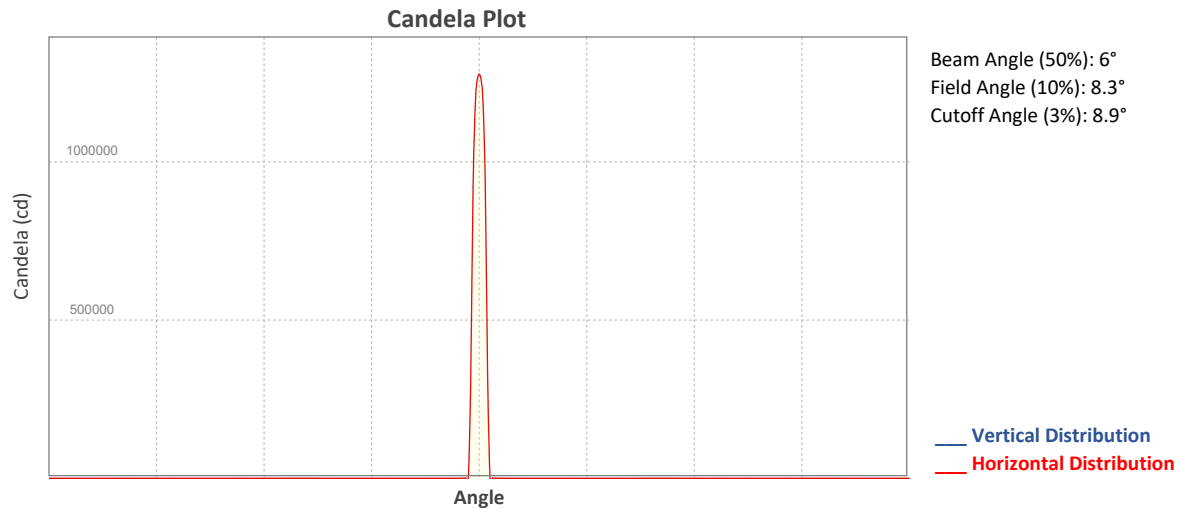


Beam Intensities from 1-20m (3.3-65.6ft)

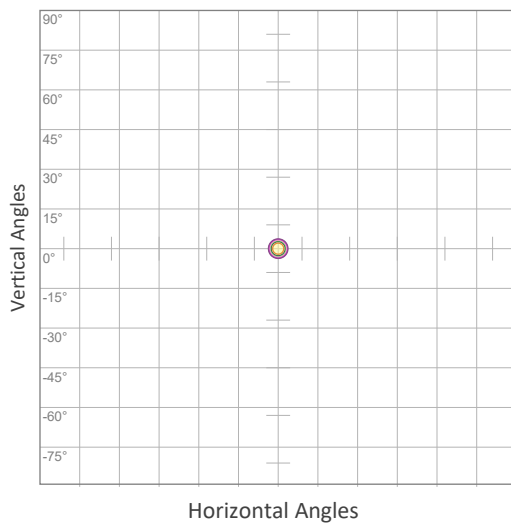
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1267771	316943	140863	79236	50711	35216	25873	19809	15651	12678
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10477	8804	7502	6468	5635	4952	4387	3913	3512	3169
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	117780	29445	13087	7361	4711	3272	2404	1840	1454	1178
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	973	818	697	601	523	460	408	364	326	294

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-25



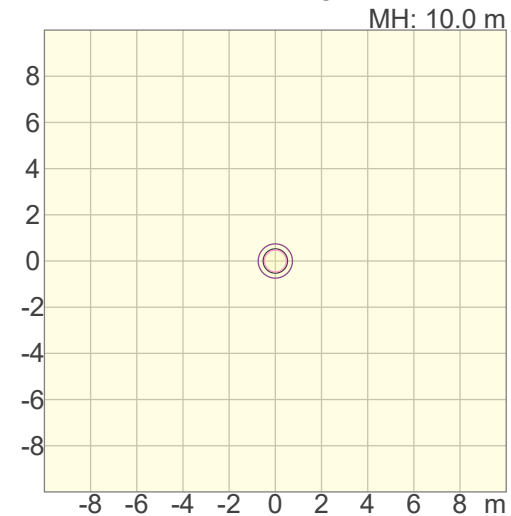
ISO Diagrams



ISO Candela Diagram

10%	126777 cd
20%	253554 cd
30%	380331 cd
40%	507108 cd
50%	633885 cd
60%	760663 cd
70%	887440 cd
80%	1014217 cd
90%	1140994 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 1267771 cd



ISO Lux Diagram

3%	380 lx
5%	634 lx
10%	1268 lx
30%	3803 lx
50%	6339 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 12.7K lx

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

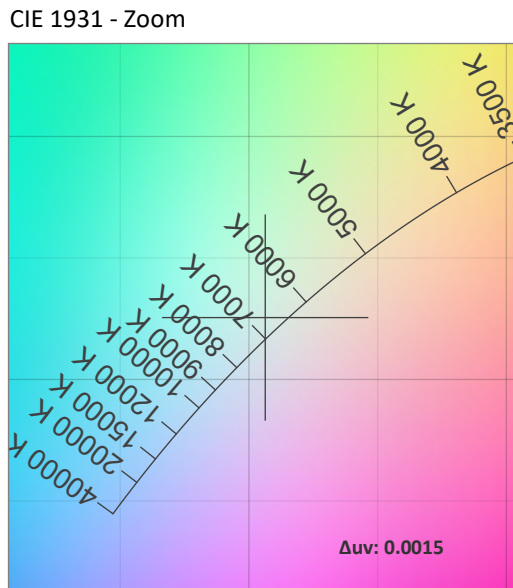
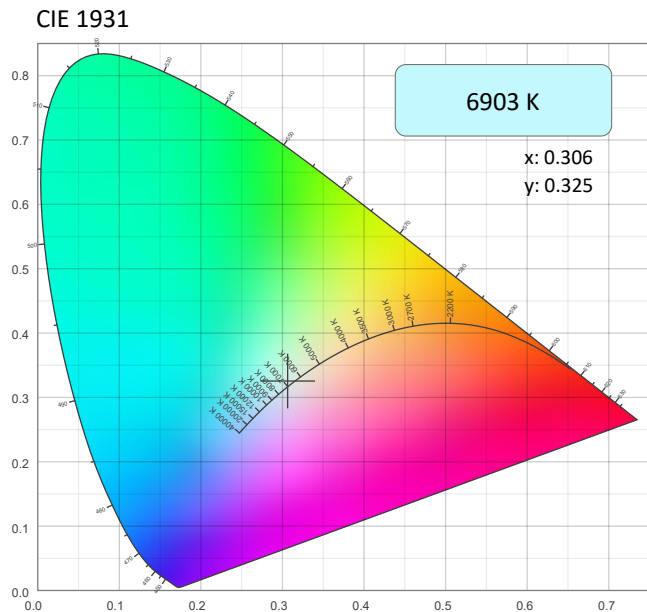
Mounting height: 10 meters / 33 feet



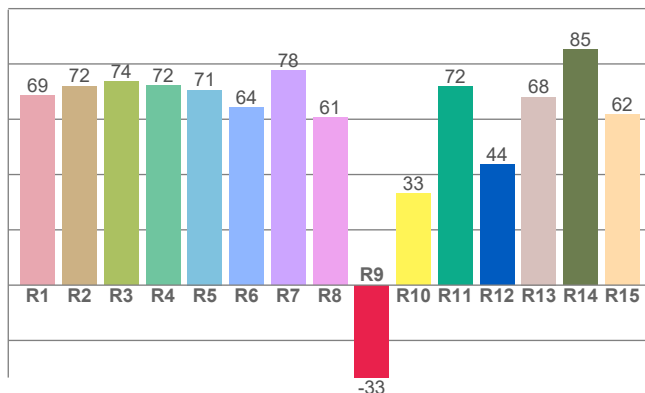
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-25

Chromaticity



CRI: 69.9 (R1-R8)

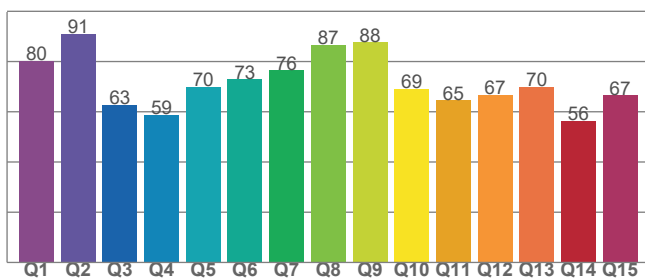


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6903 K	0.306	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0015	0.325	0.195

CQS: 70.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-33.4	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.1	95.1

Photometric & Chromaticity Report

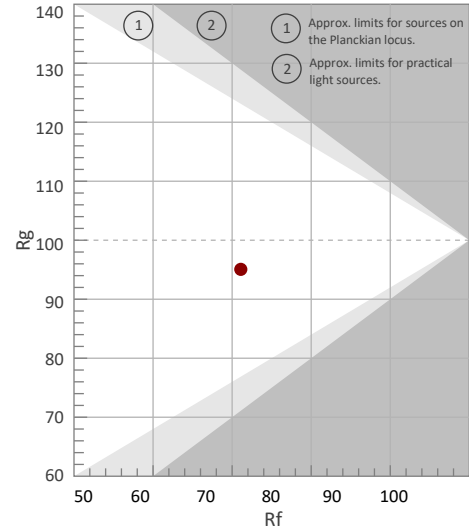
Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-25

TM-30 Details

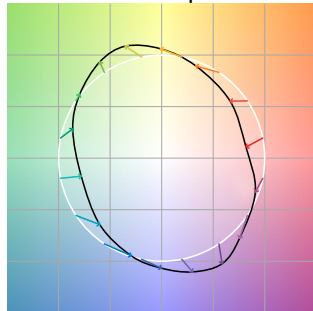
Rf 71.1
Fidelity Index
(Rg)

Rg 95.1
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	64	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-2%
7	90	0%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-5%	-14%



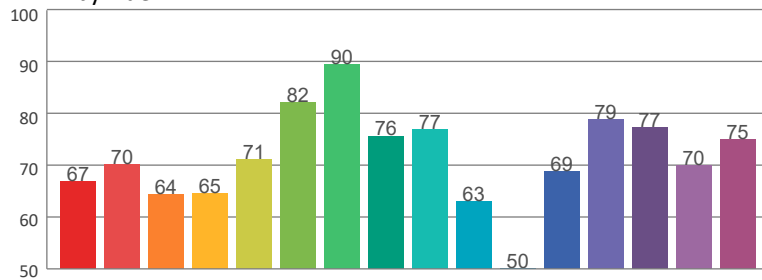
Color Vector Graphic



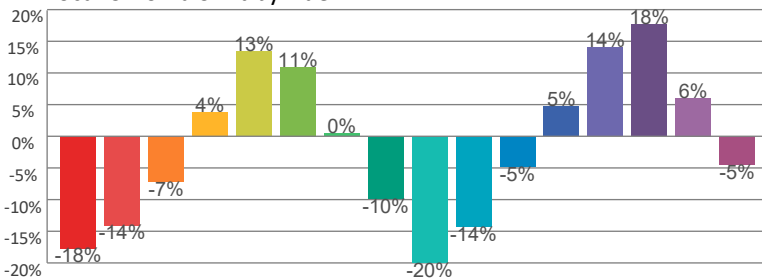
Color Distortion Graphic



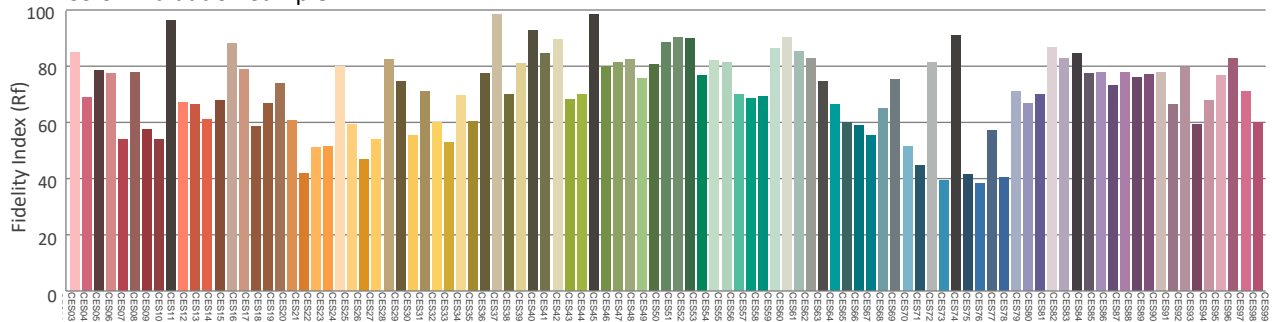
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 5538 lm
Fixture Peak: 563812 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 11049 lux
Color Temperature: 6225 K
CRI: 90.5 CRI R9 Value: 89.9
CQS: 93.7
TLCI: 94
TM-30 Rf: 91.9
TM-30 Rg: 103.3
Beam Angle (50%): 7°
Field Angle (10%): 7.7°
Cutoff Angle (3%): 8.3°

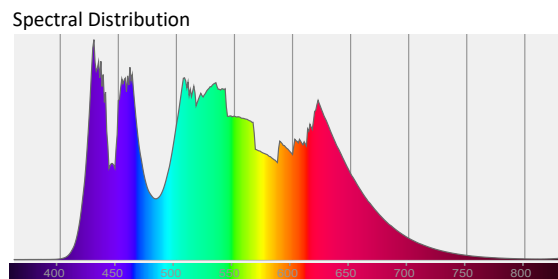
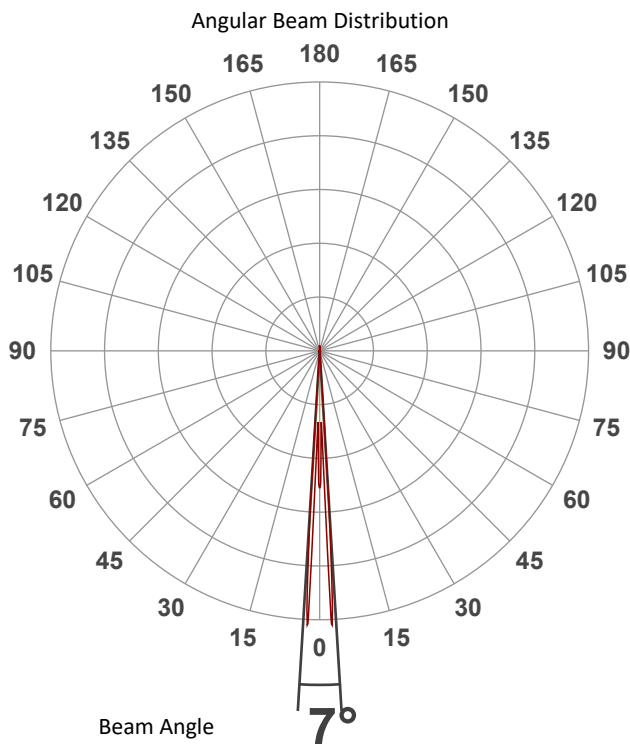


Conditions

AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

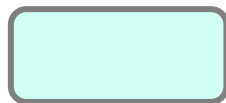
Overall Measurement



Tested Color (CIE 1931):

X: 0.317

Y: 0.345



Light Quality

CRI: 90.5

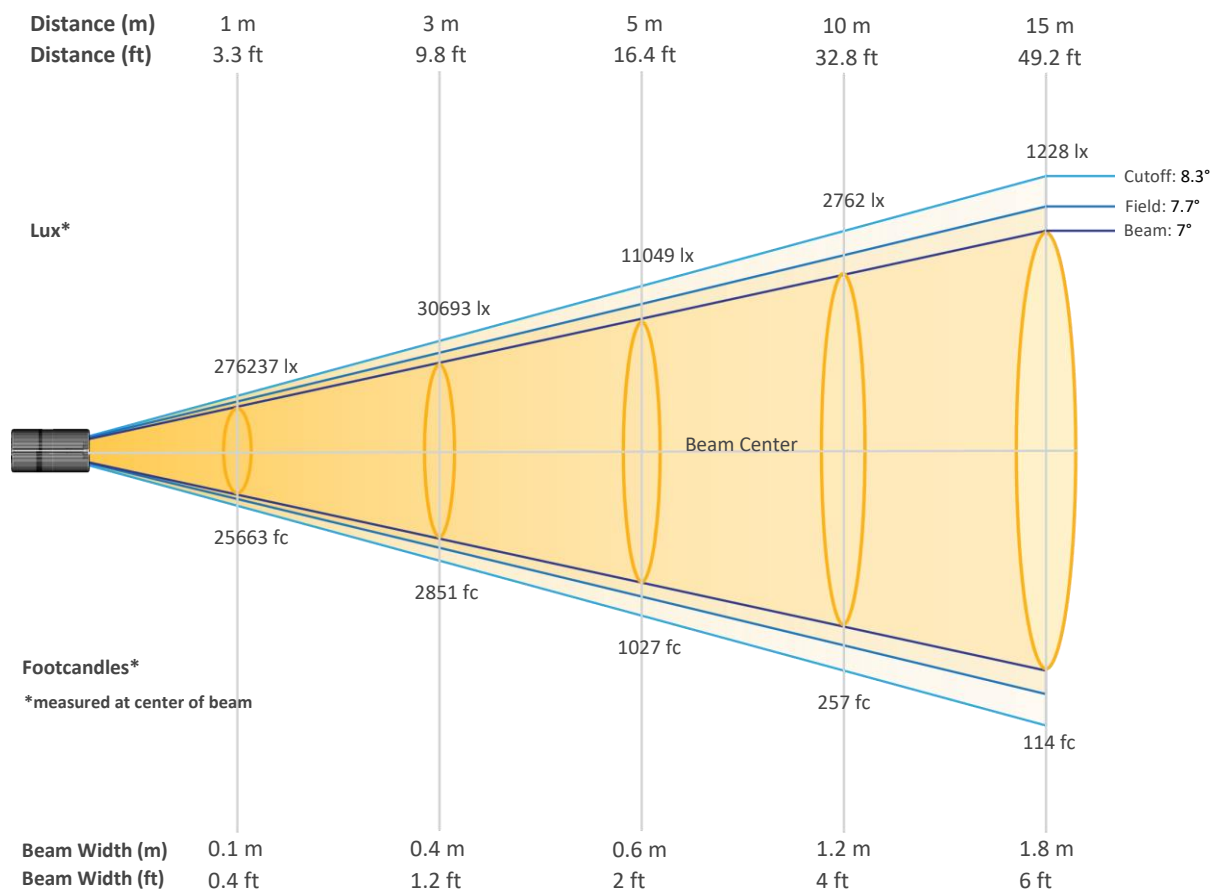
Color Temperature

6225 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-35

Beam Details

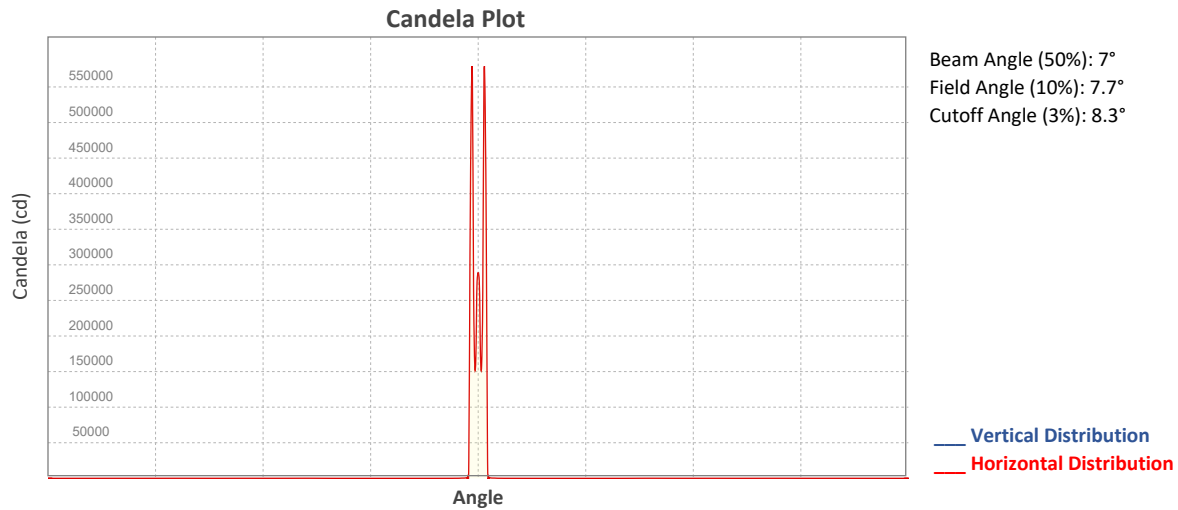


Beam Intensities from 1-20m (3.3-65.6ft)

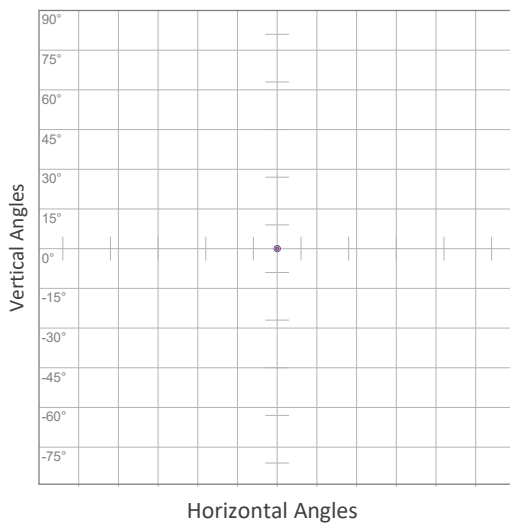
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	276237	69059	30693	17265	11049	7673	5637	4316	3410	2762
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2283	1918	1635	1409	1228	1079	956	853	765	691
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	25663	6416	2851	1604	1027	713	524	401	317	257
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	212	178	152	131	114	100	89	79	71	64

Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-35



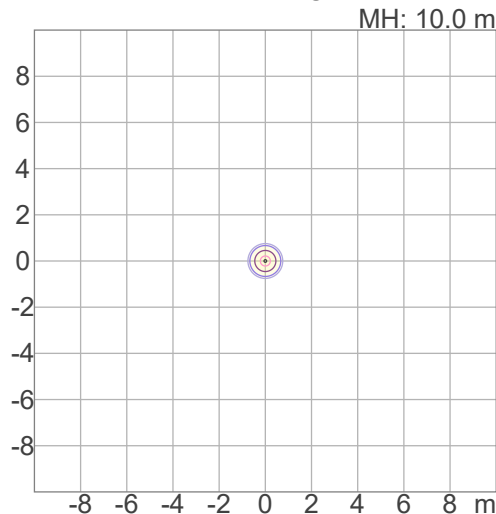
ISO Diagrams



ISO Candela Diagram

10%	27624 cd
20%	55247 cd
30%	82871 cd
40%	110495 cd
50%	138118 cd
60%	165742 cd
70%	193366 cd
80%	220990 cd
90%	248613 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 276237 cd



ISO Lux Diagram

3%	82.9 lx
5%	138 lx
10%	276 lx
30%	829 lx
50%	1381 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 2762 lx

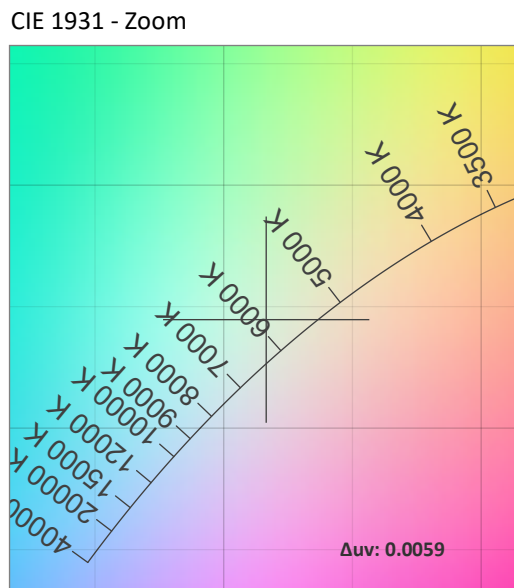
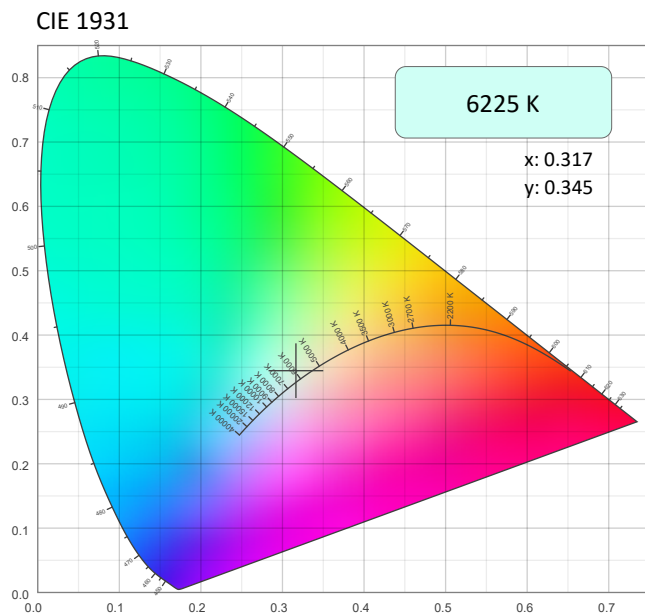
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

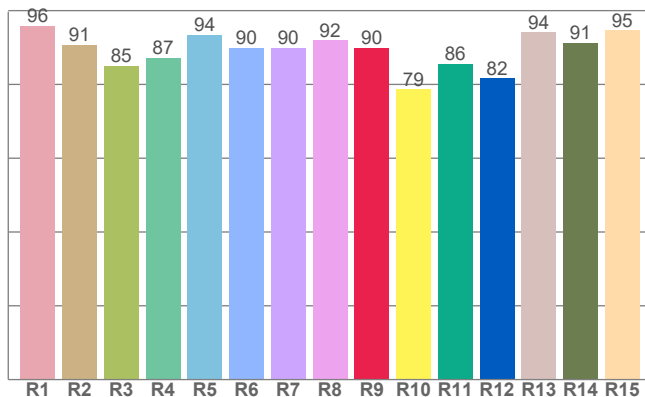
Photometric & Chromaticity Report

Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-35

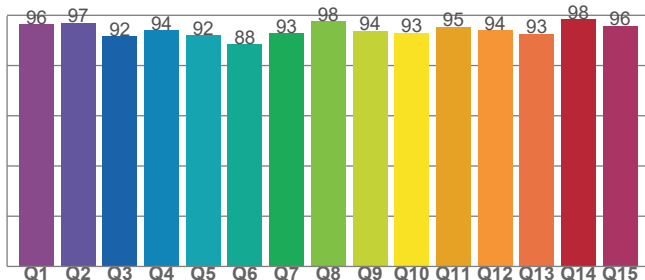
Chromaticity



CRI: 90.5 (R1-R8)



CQS: 93.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6225 K	0.317	0.345

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0059	0.345	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.5	89.9	93.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
94	91.9	103.3

Photometric & Chromaticity Report

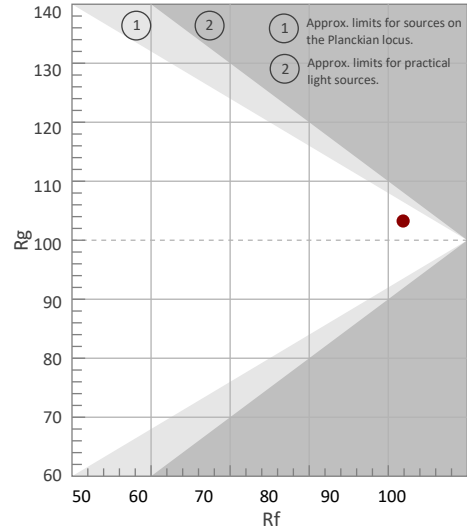
Maverick Storm 2 Profile: Full Spot - Full Power - Stable - Fan set to TV-35

TM-30 Details

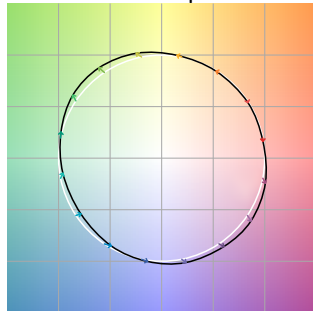
Rf 91.9
Fidelity Index (Rg)

Rg 103.3
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	-3%
2	95	-1%	-2%
3	94	-1%	3%
4	92	1%	5%
5	90	5%	4%
6	90	7%	2%
7	90	6%	-3%
8	90	1%	-6%
9	94	-3%	-4%
10	92	-5%	1%
11	89	-2%	7%
12	91	1%	6%
13	94	4%	3%
14	91	5%	3%
15	93	6%	-2%
16	91	3%	-4%



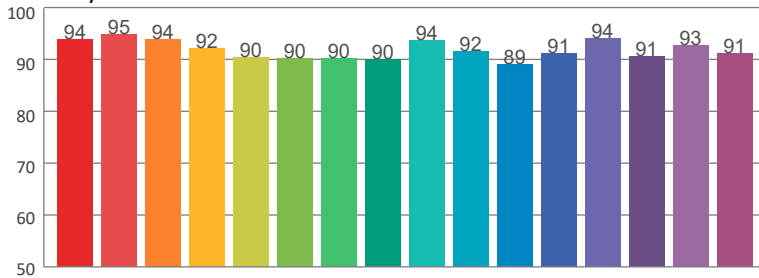
Color Vector Graphic



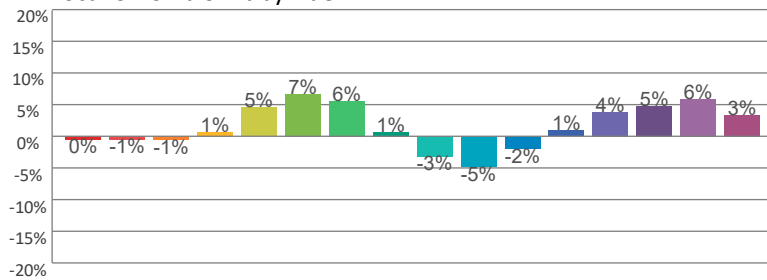
Color Distortion Graphic



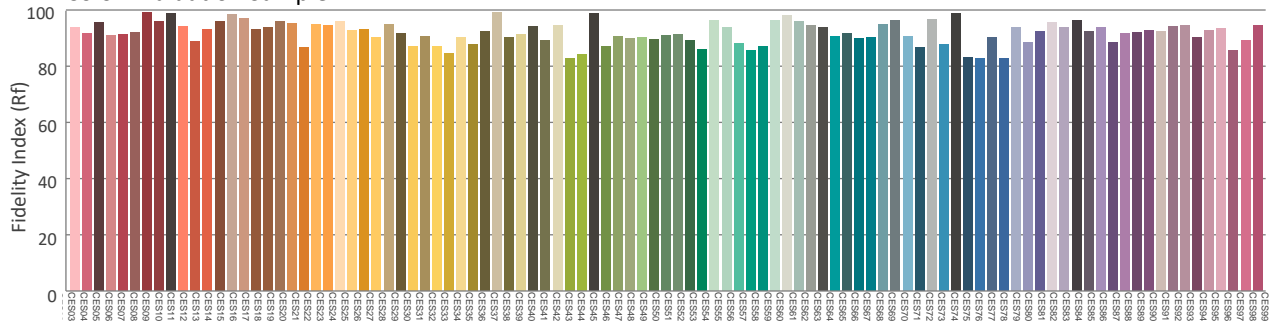
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 27864 lm
Fixture Peak: 222332 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8893 lux
Color Temperature: 6959 K
CRI: 71.1 CRI R9 Value: -29.1
CQS: 70.8
TLCI: 51
TM-30 Rf: 72.3
TM-30 Rg: 94.6
Beam Angle (50%): 22.7°
Field Angle (10%): 28.7°
Cutoff Angle (3%): 29.8°

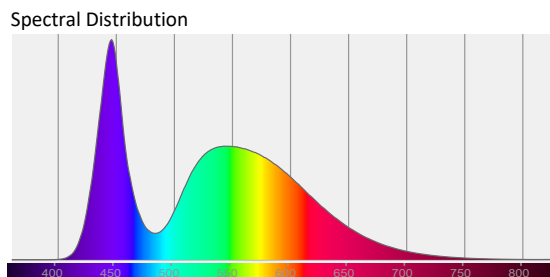
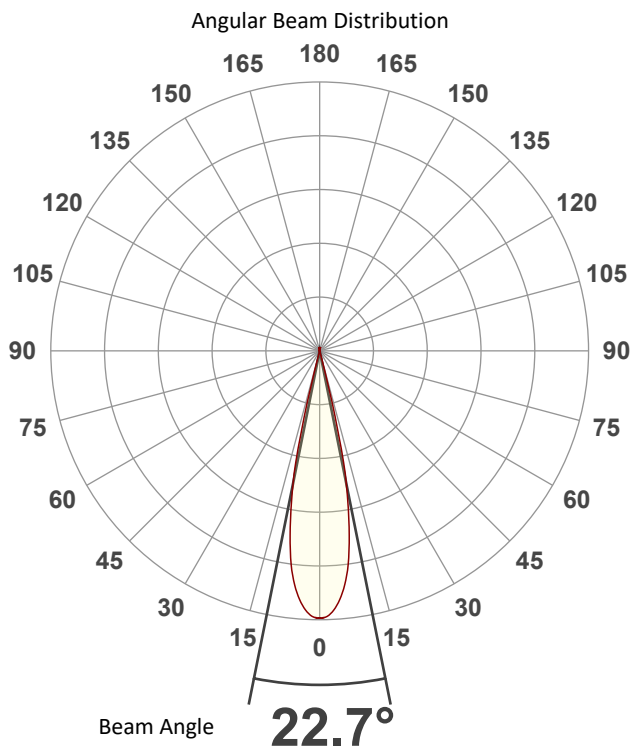


Conditions

AC Supply: 117 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

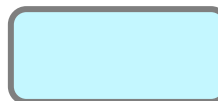
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.324



Light Quality

CRI: 71.1

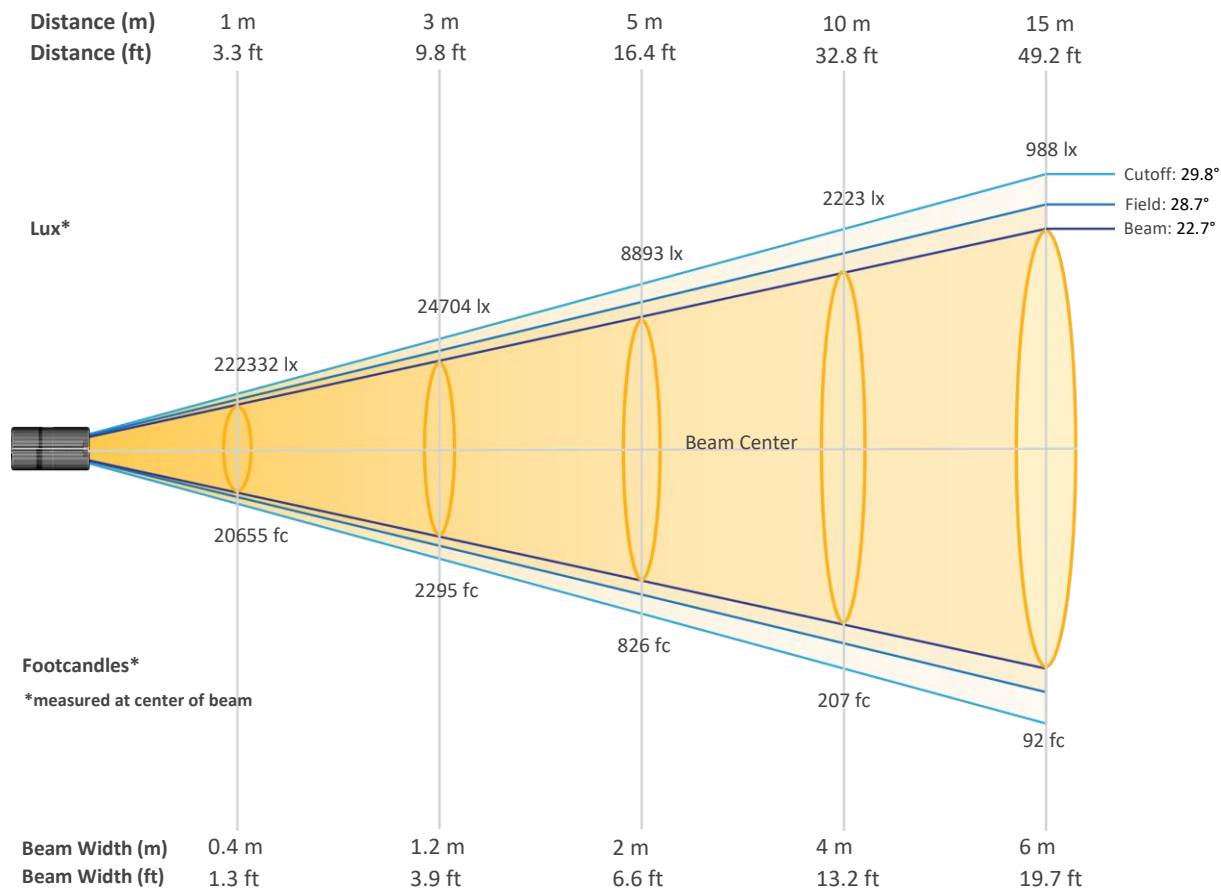
Color Temperature

6959 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Full

Beam Details

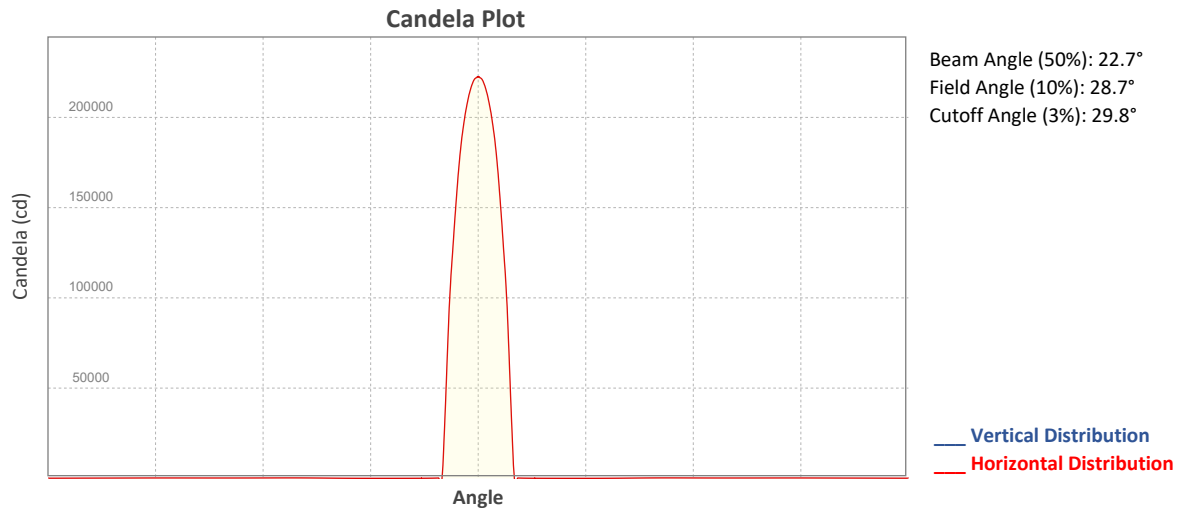


Beam Intensities from 1-20m (3.3-65.6ft)

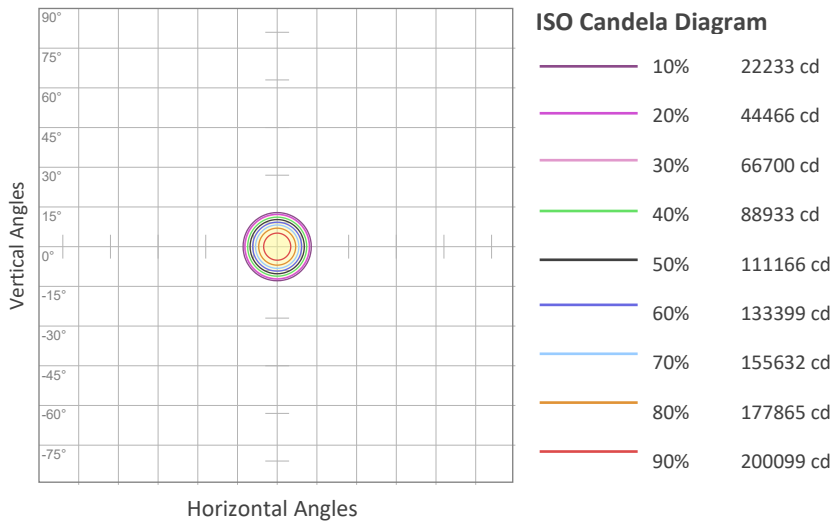
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	222332	55583	24704	13896	8893	6176	4537	3474	2745	2223
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1837	1544	1316	1134	988	868	769	686	616	556
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20655	5164	2295	1291	826	574	422	323	255	207
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	171	143	122	105	92	81	71	64	57	52

Photometric & Chromaticity Report

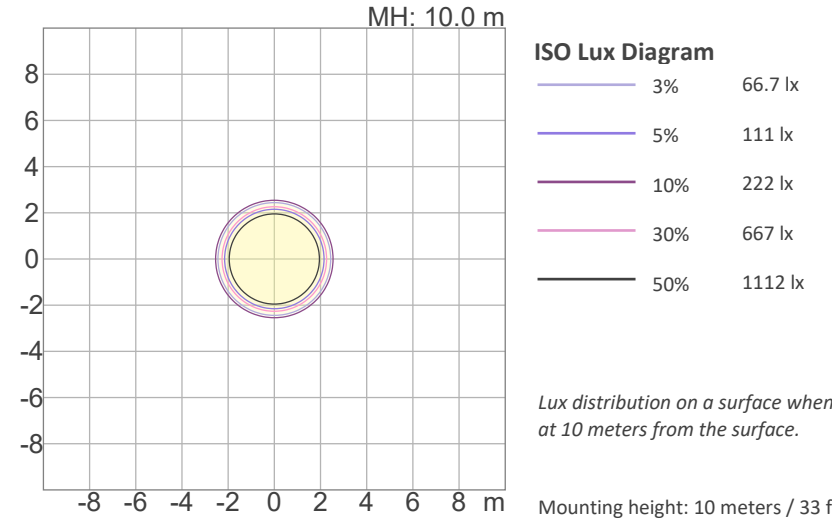
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Full



ISO Diagrams



Conditions:
 Number of c-planes: 2
 Candela at center: 222332 cd



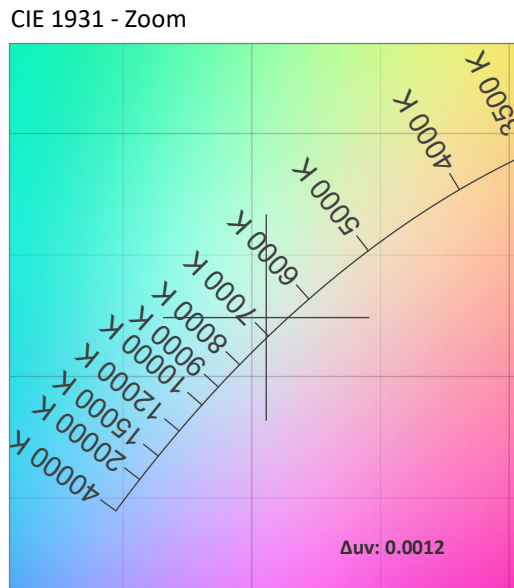
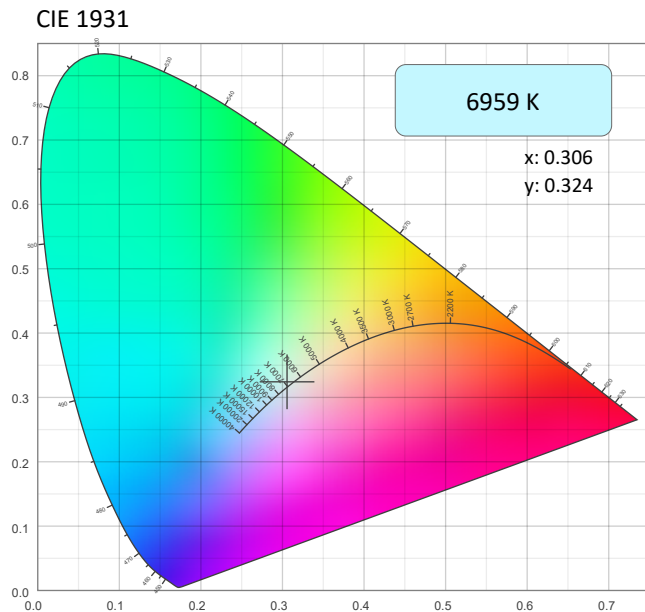
Conditions:
 Number of c-planes: 2
 Candela at center: 2223 lx



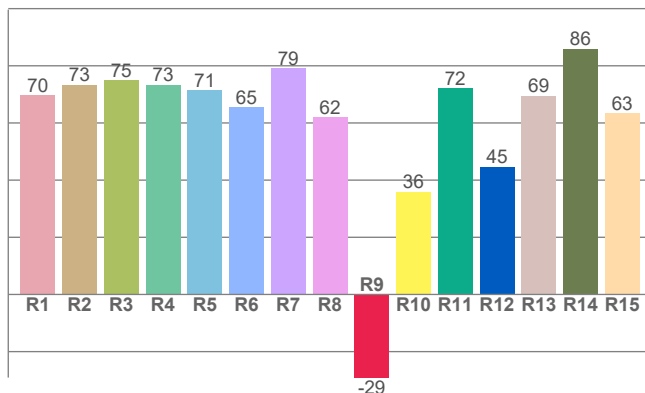
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Full

Chromaticity



CRI: 71.1 (R1-R8)

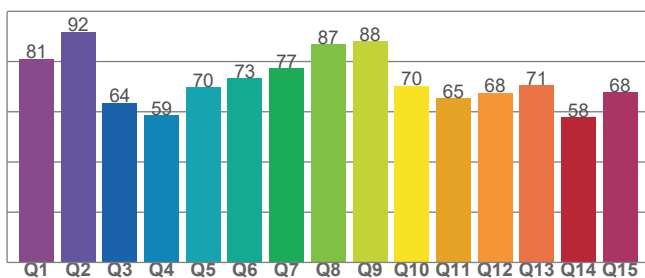


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6959 K	0.306	0.324

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

CQS: 70.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.1	-29.1	70.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.3	94.6

Photometric & Chromaticity Report

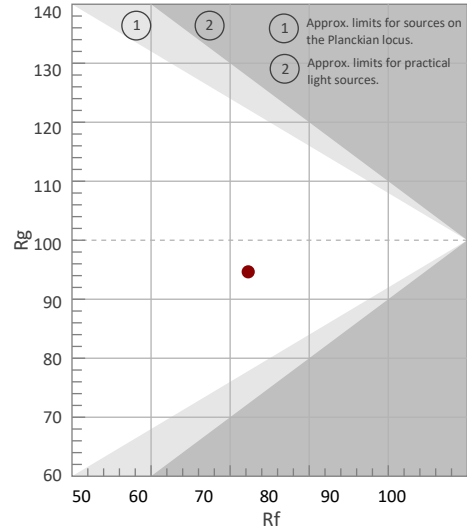
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Full

TM-30 Details

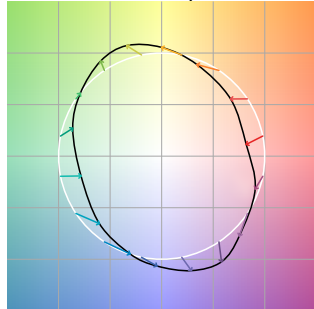
Rf 72.3
Fidelity Index (Rg)

Rg 94.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	66	3%	21%
5	73	12%	12%
6	84	10%	-2%
7	90	-1%	-7%
8	77	-10%	-10%
9	77	-20%	4%
10	63	-13%	21%
11	51	-4%	27%
12	71	5%	16%
13	81	15%	7%
14	77	17%	-9%
15	70	6%	-23%
16	76	-5%	-14%



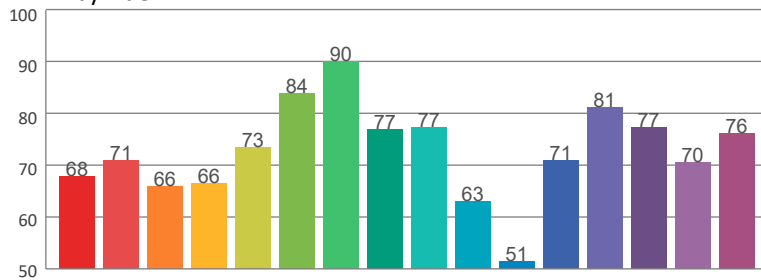
Color Vector Graphic



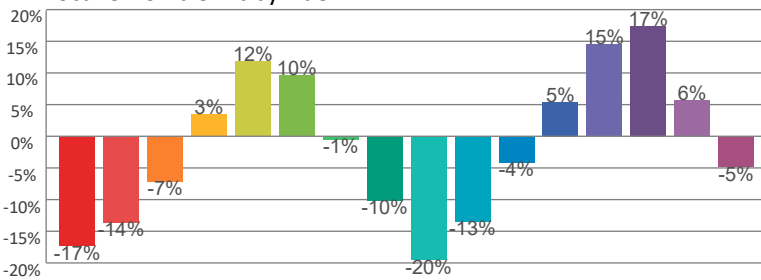
Color Distortion Graphic



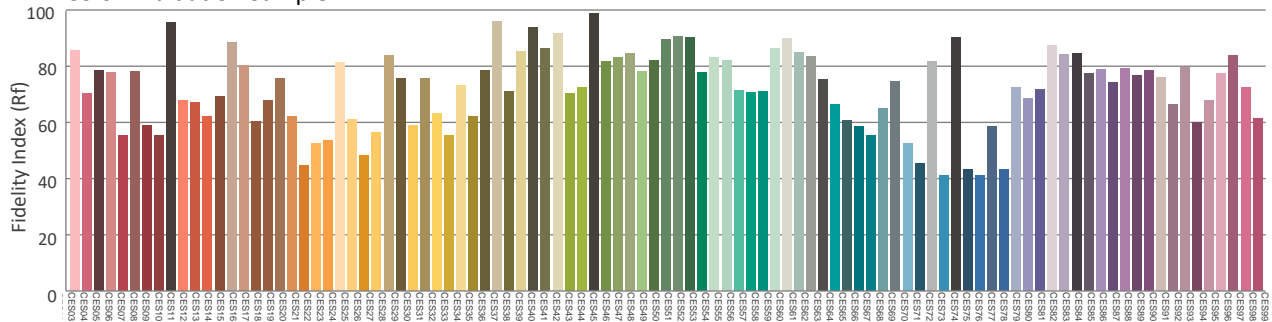
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Cyan - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 5097 lm
Fixture Peak: 38654 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1546 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCl: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 23.3°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 31.4°

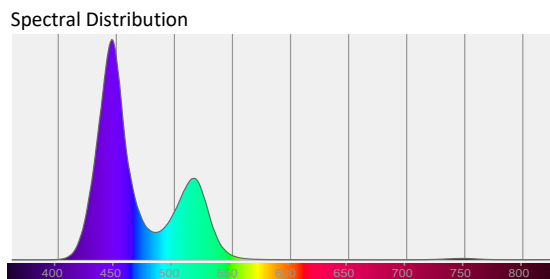
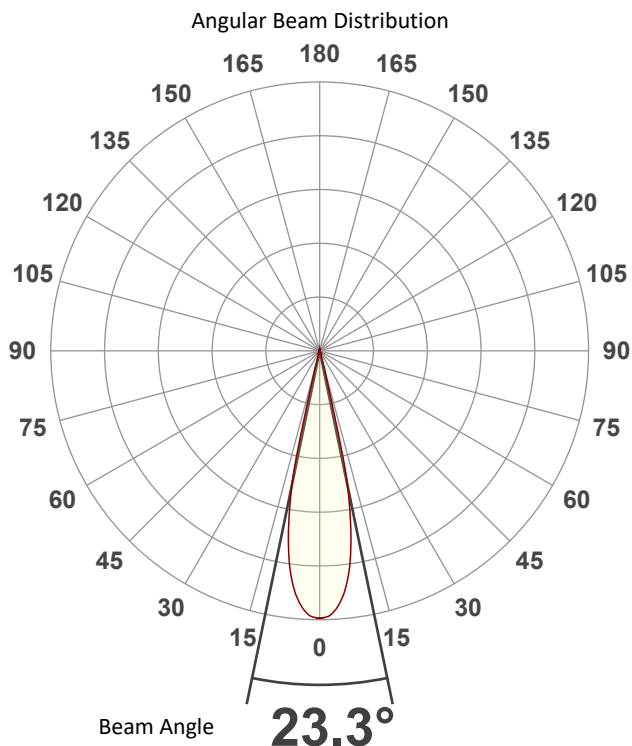


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

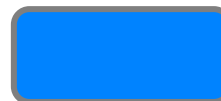
Overall Measurement



Tested Color (CIE 1931):

X: 0.145

Y: 0.130



Light Quality

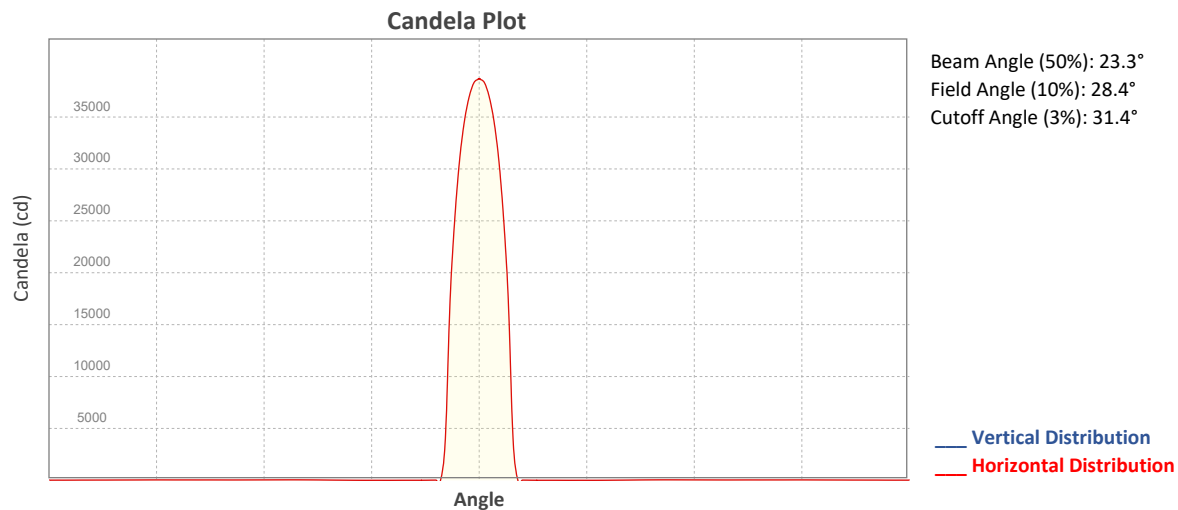
CRI: 0.0

Color Temperature

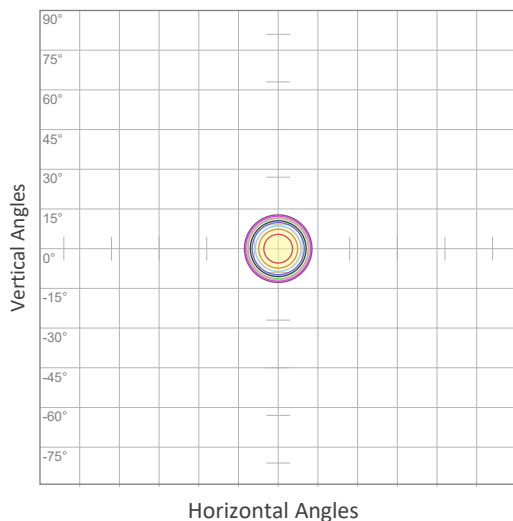
0 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Cyan - Full Power - Fan set to Full



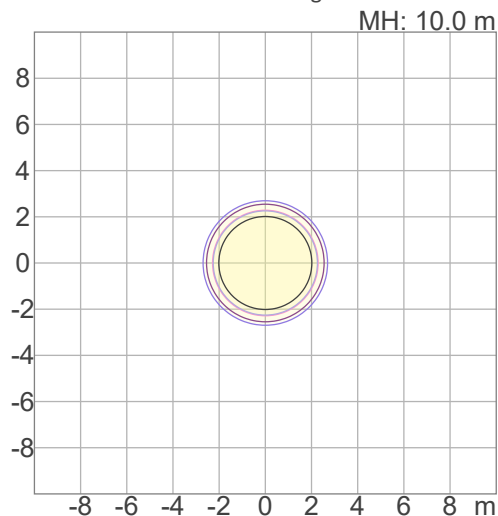
ISO Diagrams



ISO Candela Diagram

10%	3865 cd
20%	7731 cd
30%	11596 cd
40%	15462 cd
50%	19327 cd
60%	23192 cd
70%	27058 cd
80%	30923 cd
90%	34788 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 38654 cd



ISO Lux Diagram

3%	11.6 lx
5%	19.3 lx
10%	38.7 lx
30%	116 lx
50%	193 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 387 lx

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

Mounting height: 10 meters / 33 feet

Photometric & Chromaticity Report

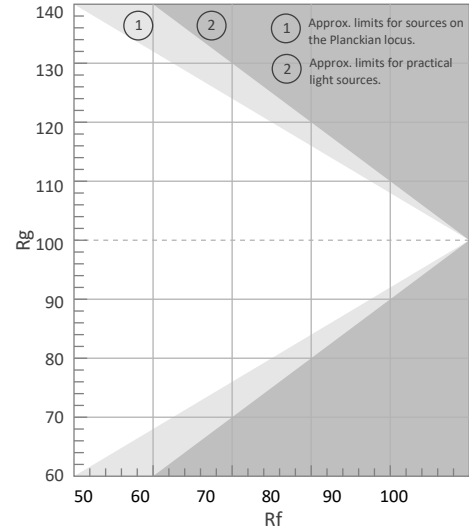
Maverick Storm 2 Profile: 50% Zoom-Cyan - Full Power - Fan set to Full

TM-30 Details

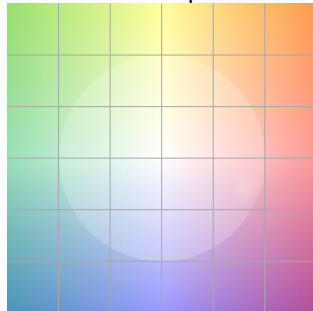
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

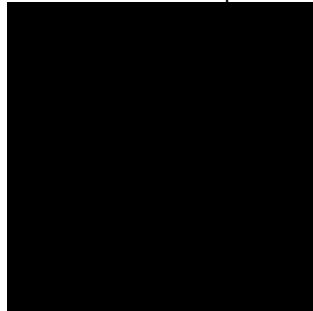
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



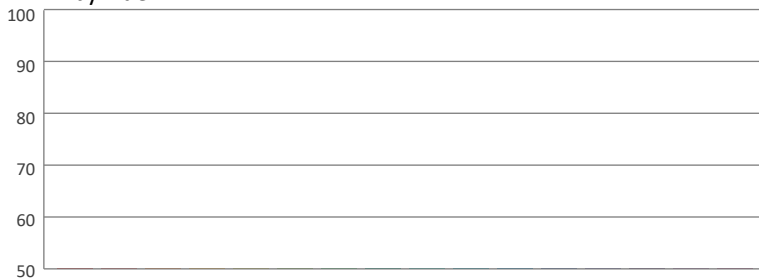
Color Vector Graphic



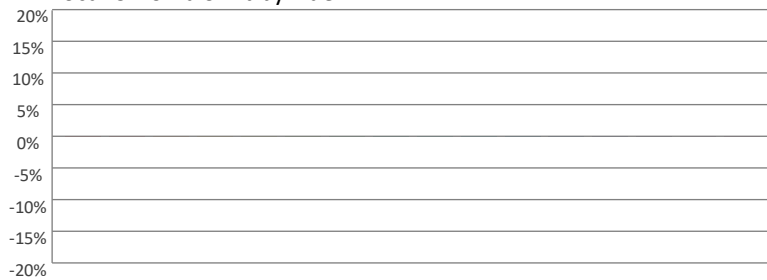
Color Distortion Graphic



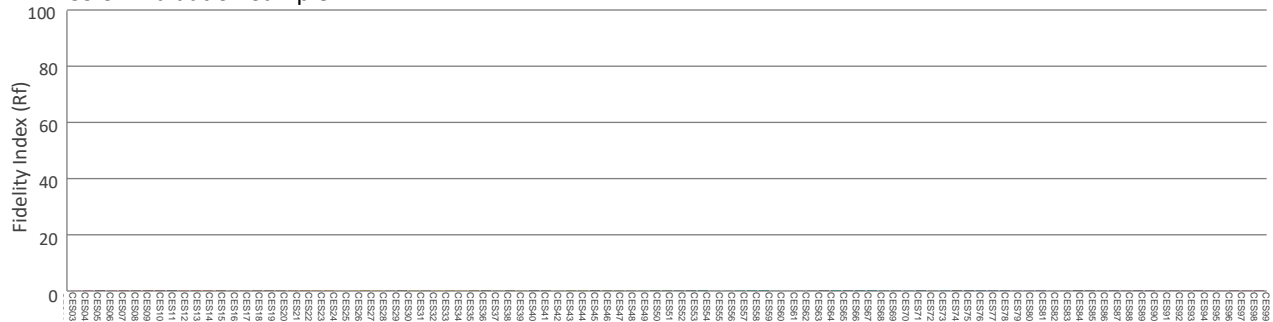
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Magenta - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 1278 lm
Fixture Peak: 9876 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 395 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCl: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 22.8°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 30°

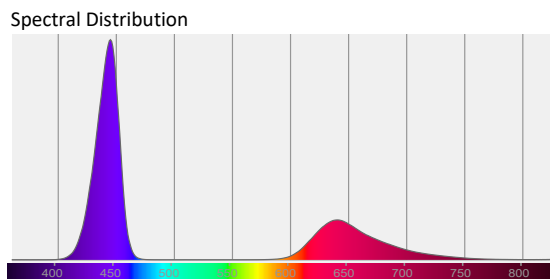
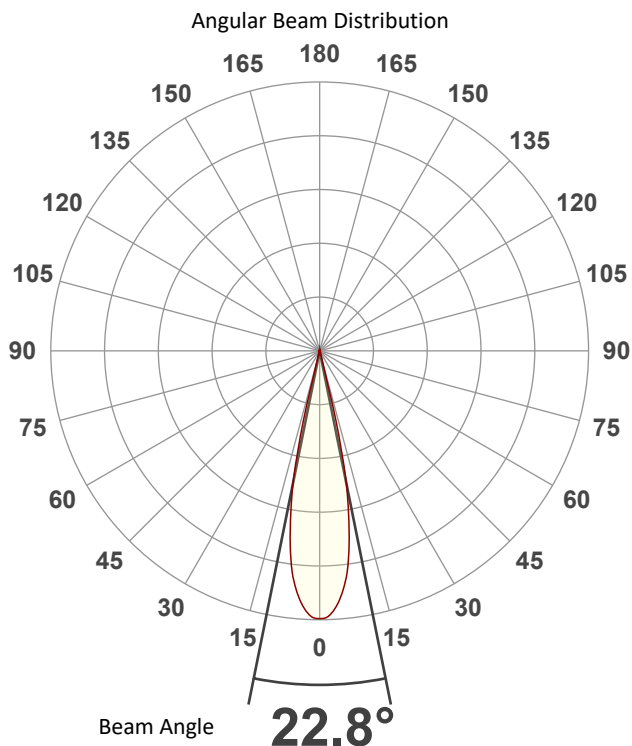


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

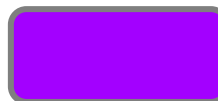
Overall Measurement



Tested Color (CIE 1931):

X: 0.225

Y: 0.048



Light Quality

CRI: 0.0

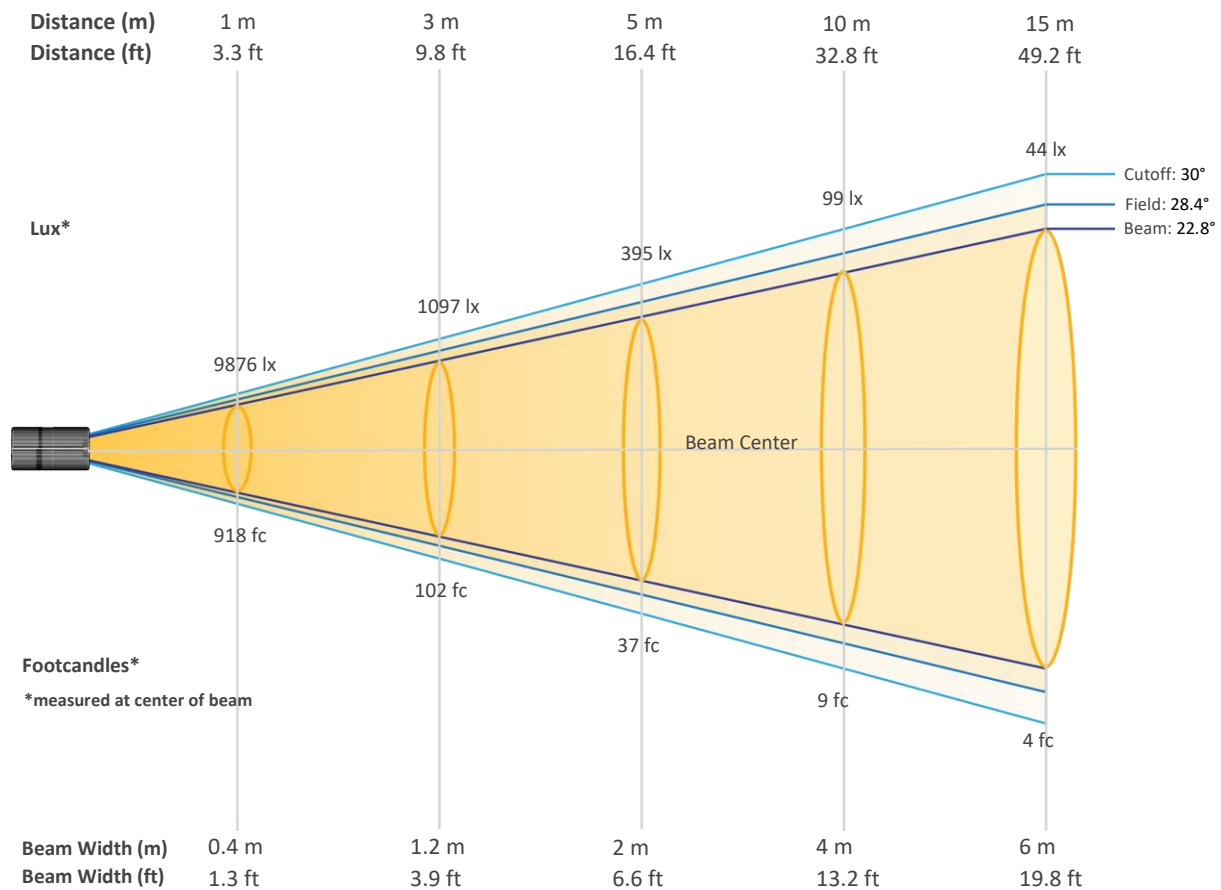
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Magenta - Full Power - Fan set to Full

Beam Details

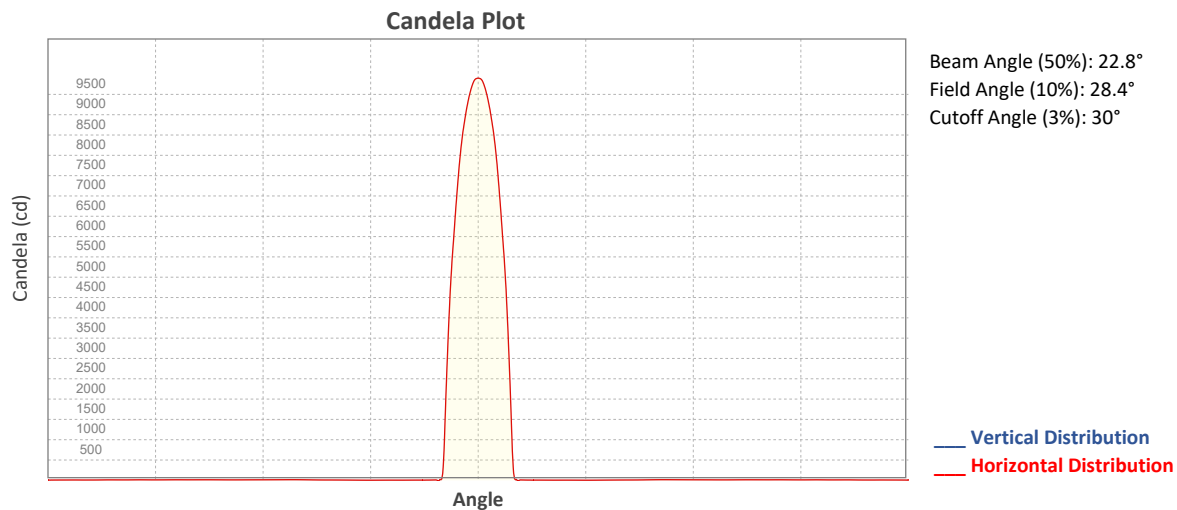


Beam Intensities from 1-20m (3.3-65.6ft)

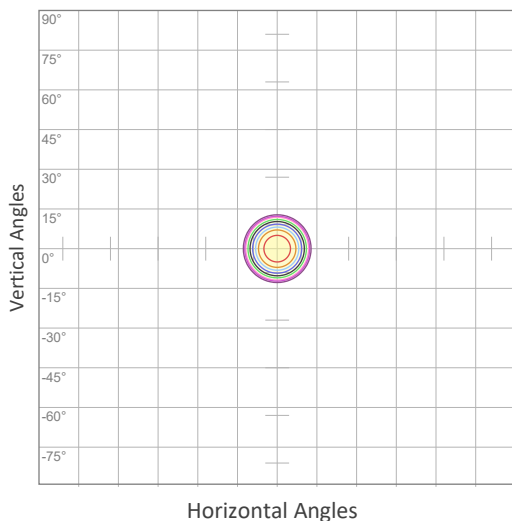
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9876	2469	1097	617	395	274	202	154	122	99
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	82	69	58	50	44	39	34	30	27	25
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	918	229	102	57	37	25	19	14	11	9
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	8	6	5	5	4	4	3	3	3	2

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Magenta - Full Power - Fan set to Full



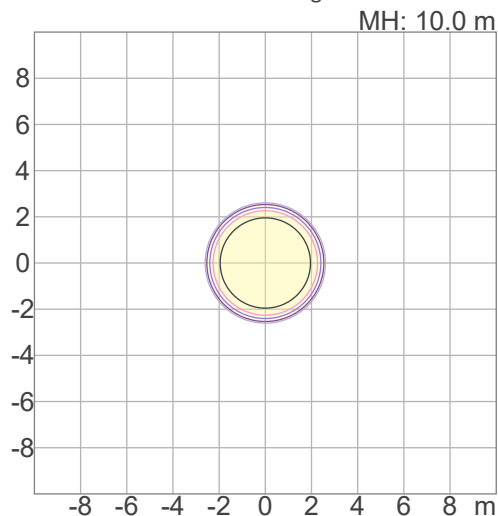
ISO Diagrams



ISO Candela Diagram

10%	988 cd
20%	1975 cd
30%	2963 cd
40%	3950 cd
50%	4938 cd
60%	5926 cd
70%	6913 cd
80%	7901 cd
90%	8888 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 9876 cd



ISO Lux Diagram

3%	2.96 lx
5%	4.94 lx
10%	9.88 lx
30%	29.6 lx
50%	49.4 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 98.8 lx

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

Mounting height: 10 meters / 33 feet



Photometric & Chromaticity Report

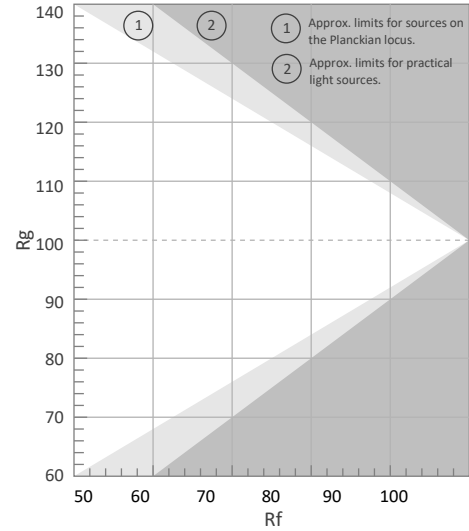
Maverick Storm 2 Profile: 50% Zoom-Magenta - Full Power - Fan set to Full

TM-30 Details

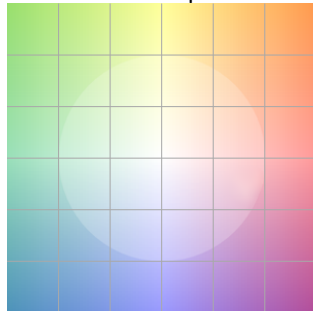
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

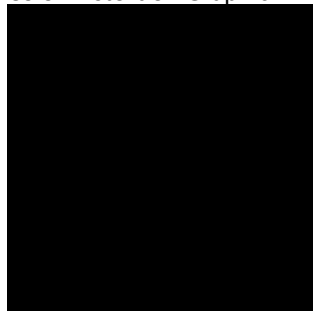
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



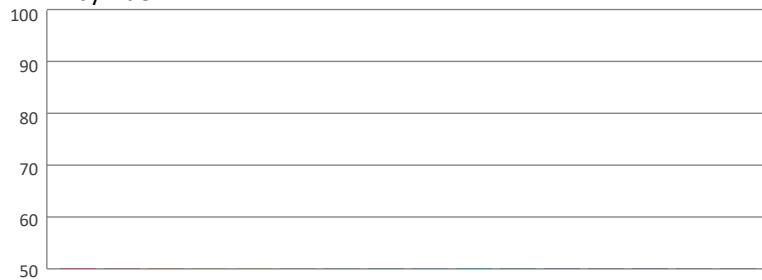
Color Vector Graphic



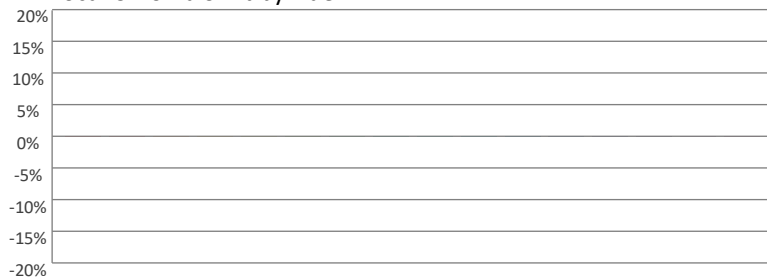
Color Distortion Graphic



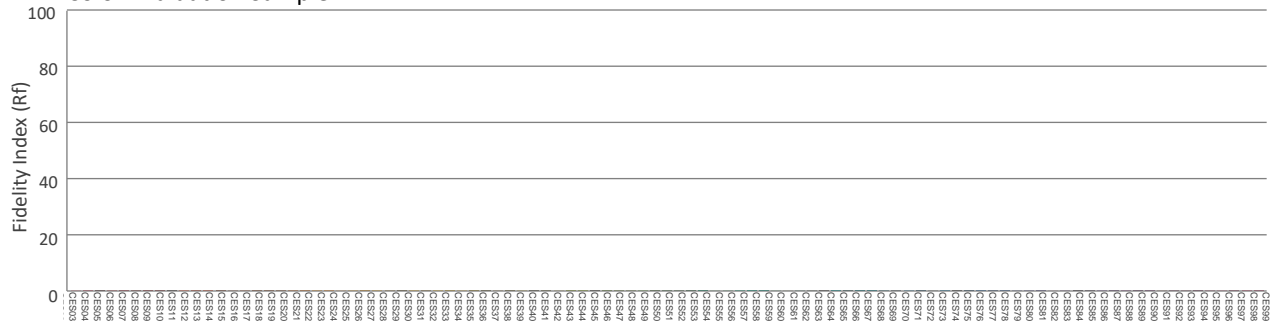
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Yellow - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 19976 lm
Fixture Peak: 158638 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6346 lux
Color Temperature: 3306 K
CRI: 28.1 CRI R9 Value: -111.8
CQS: 0.2
TLCI: 2
TM-30 Rf: 13.8
TM-30 Rg: 10.1
Beam Angle (50%): 22.8°
Field Angle (10%): 28.7°
Cutoff Angle (3%): 29.6°

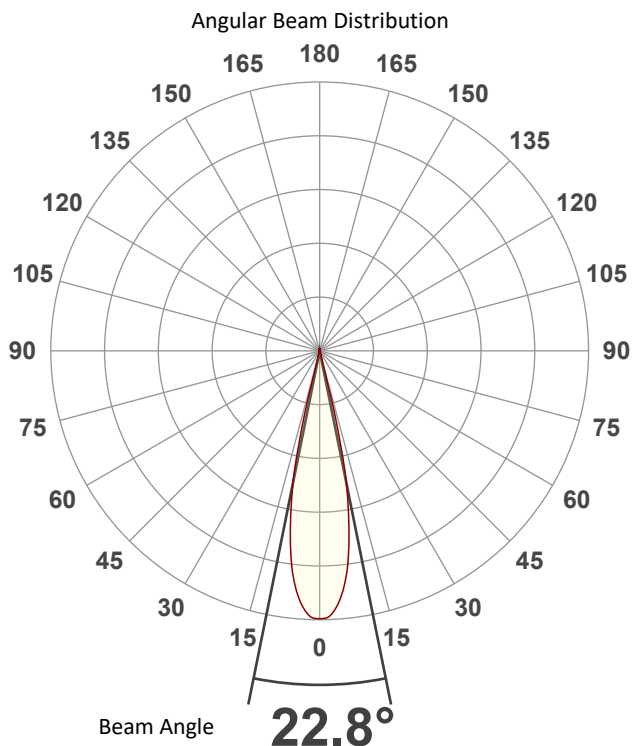


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.470

Y: 0.524



Light Quality

CRI: 28.1

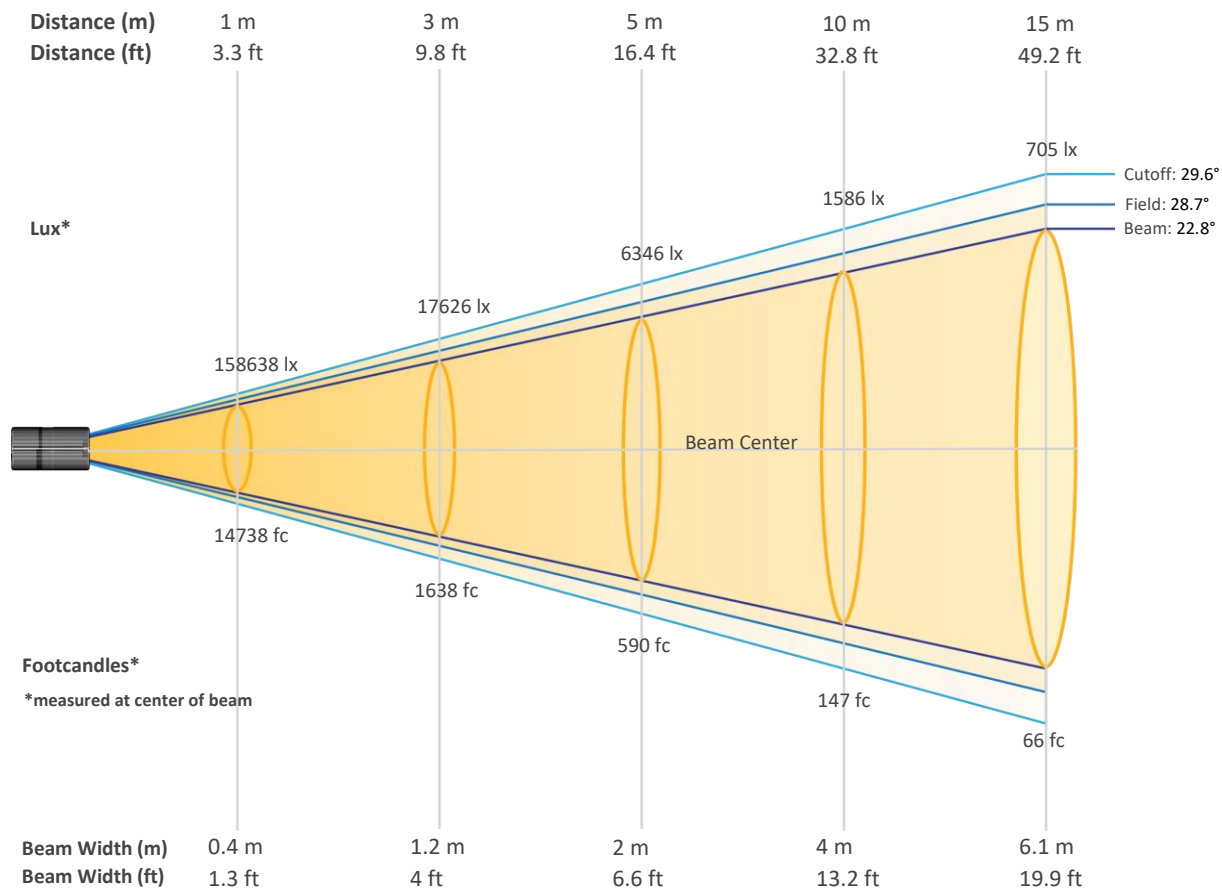
Color Temperature

3306 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Yellow - Full Power - Fan set to Full

Beam Details

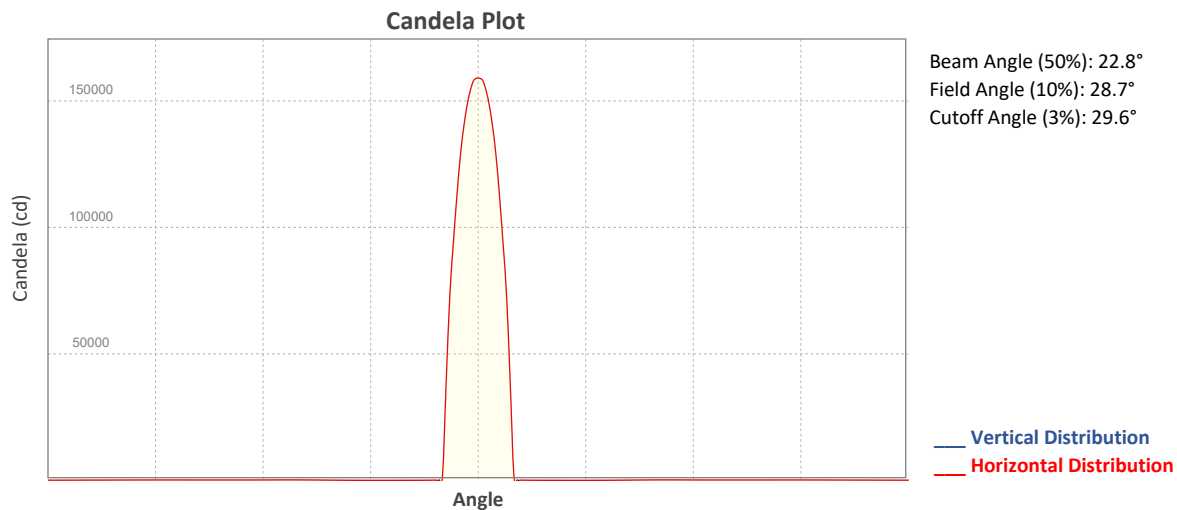


Beam Intensities from 1-20m (3.3-65.6ft)

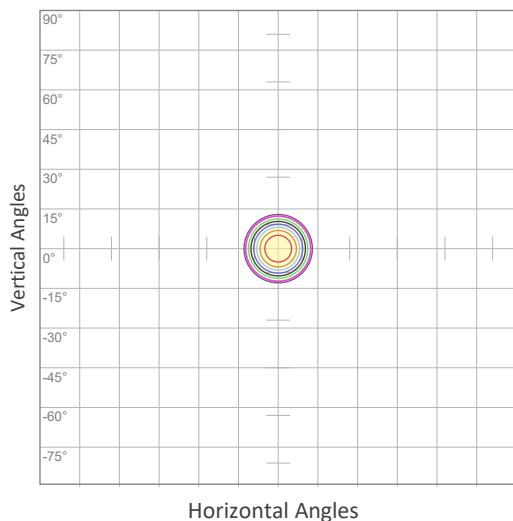
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	158638	39660	17626	9915	6346	4407	3238	2479	1958	1586
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1311	1102	939	809	705	620	549	490	439	397
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14738	3684	1638	921	590	409	301	230	182	147
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	122	102	87	75	66	58	51	45	41	37

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Yellow - Full Power - Fan set to Full



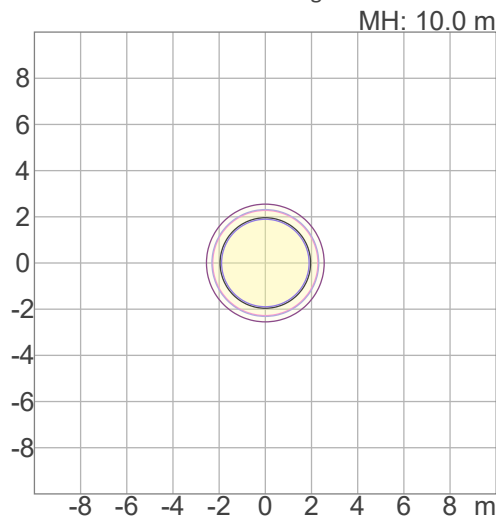
ISO Diagrams



ISO Candela Diagram

10%	15864 cd
20%	31728 cd
30%	47592 cd
40%	63455 cd
50%	79319 cd
60%	95183 cd
70%	111047 cd
80%	126911 cd
90%	142775 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 158638 cd



ISO Lux Diagram

3%	47.6 lx
5%	79.3 lx
10%	159 lx
30%	476 lx
50%	793 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1586 lx

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

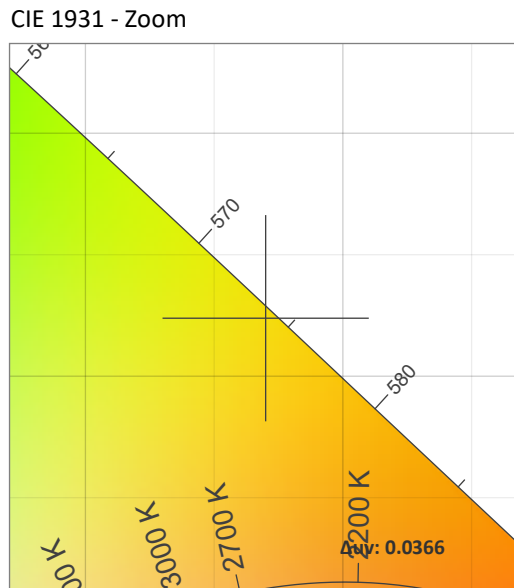
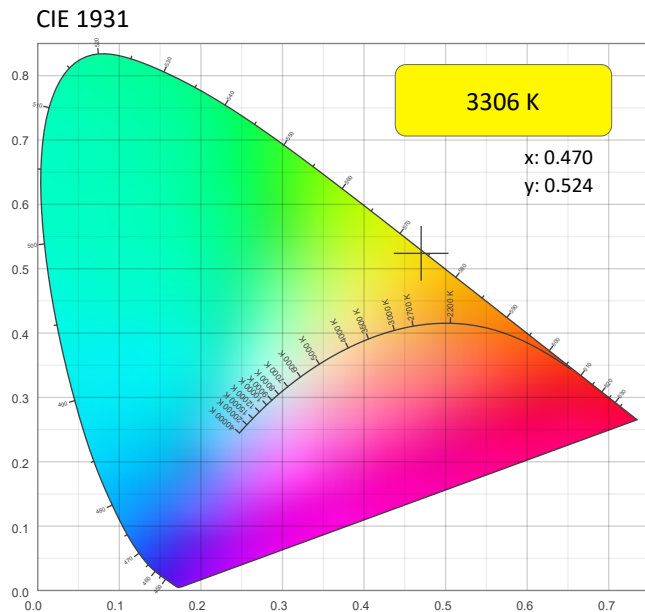
Mounting height: 10 meters / 33 feet



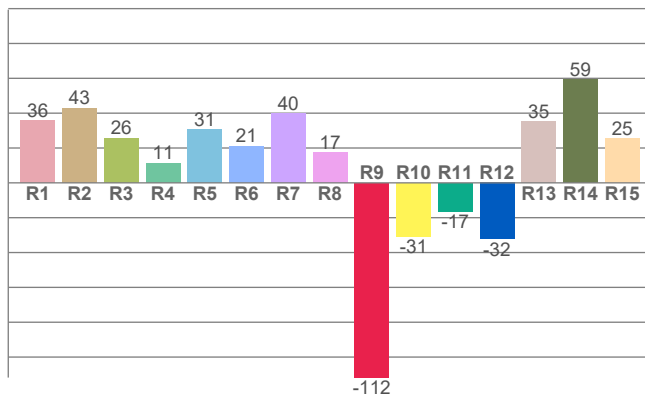
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-Yellow - Full Power - Fan set to Full

Chromaticity



CRI: 28.1 (R1-R8)



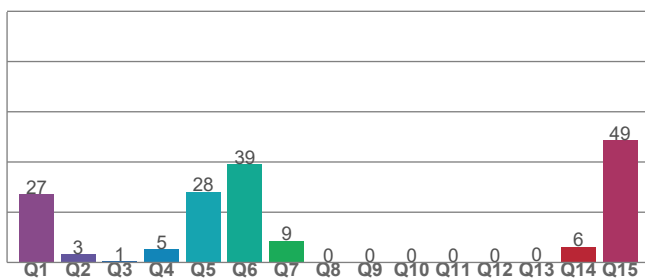
Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3306 K	0.470	0.524

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0366	0.524	0.225

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
28.1	-111.8	0.2

CQS: 0.2



Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	13.8	10.1

Photometric & Chromaticity Report

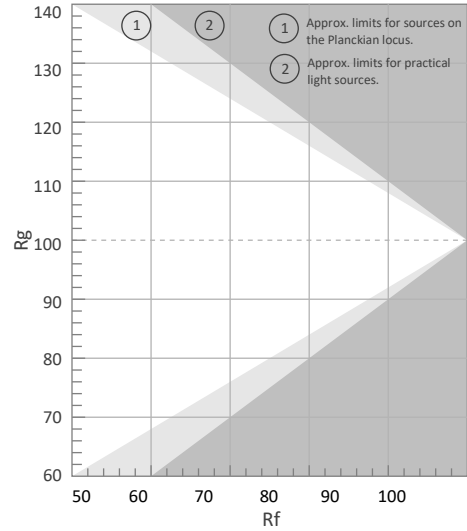
Maverick Storm 2 Profile: 50% Zoom-Yellow - Full Power - Fan set to Full

TM-30 Details

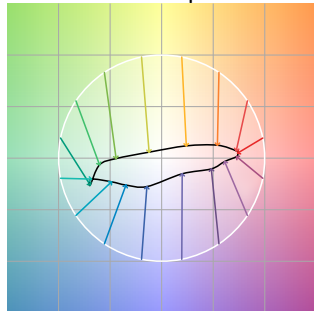
Rf 13.8
Fidelity Index (Rg)

Rg 10.1
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		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%	39%
8	16	-37%	39%
9	57	-29%	7%
10	30	-47%	-8%
11	7	-59%	-14%
12	9	-70%	-9%
13	5	-81%	17%
14	16	-65%	34%
15	19	-47%	31%
16	53	-29%	16%



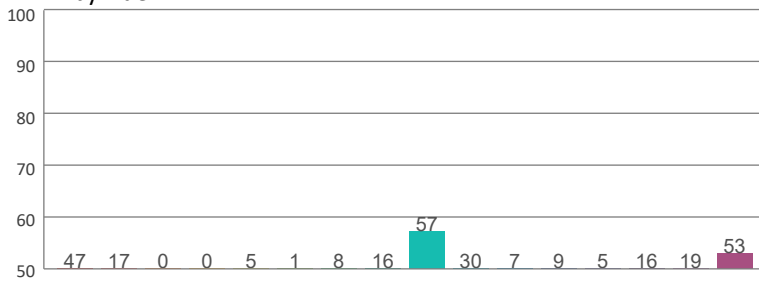
Color Vector Graphic



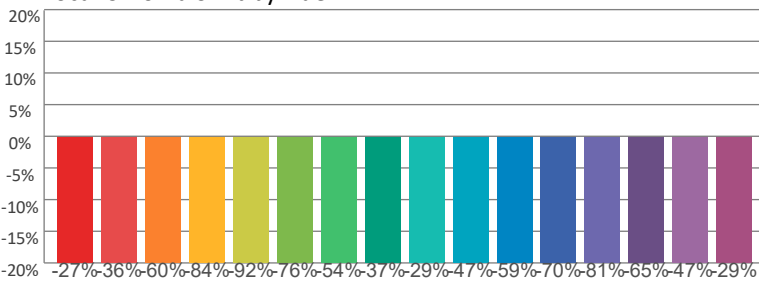
Color Distortion Graphic



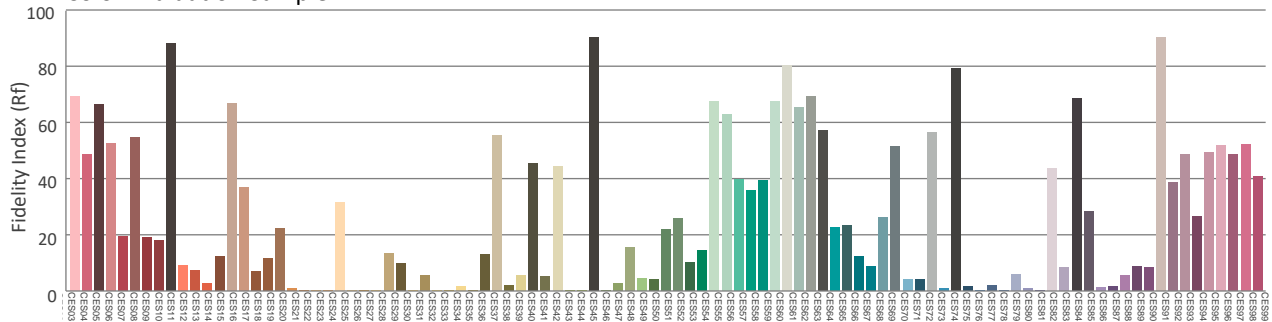
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 4000K - Magenta + Yellow - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 8449 lm
Fixture Peak: 131447 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 5258 lux
Color Temperature: 4059 K
CRI: 76.3 CRI R9 Value: 35.8
CQS: 75.3
TLCI: 57
TM-30 Rf: 75.4
TM-30 Rg: 99.7
Beam Angle (50%): 16.2°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 22.2°

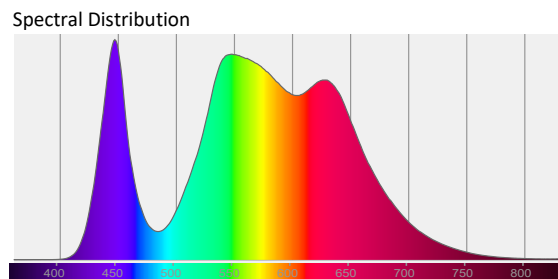
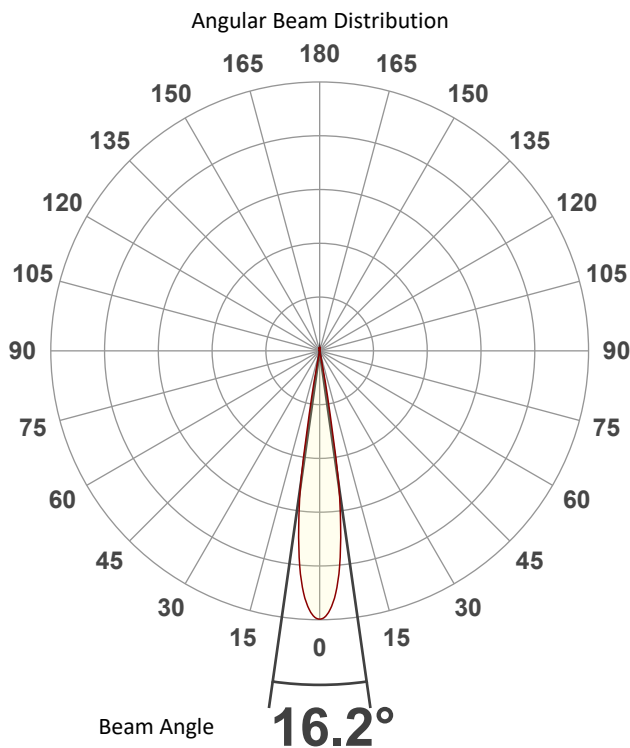


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/14/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.378
Y: 0.375

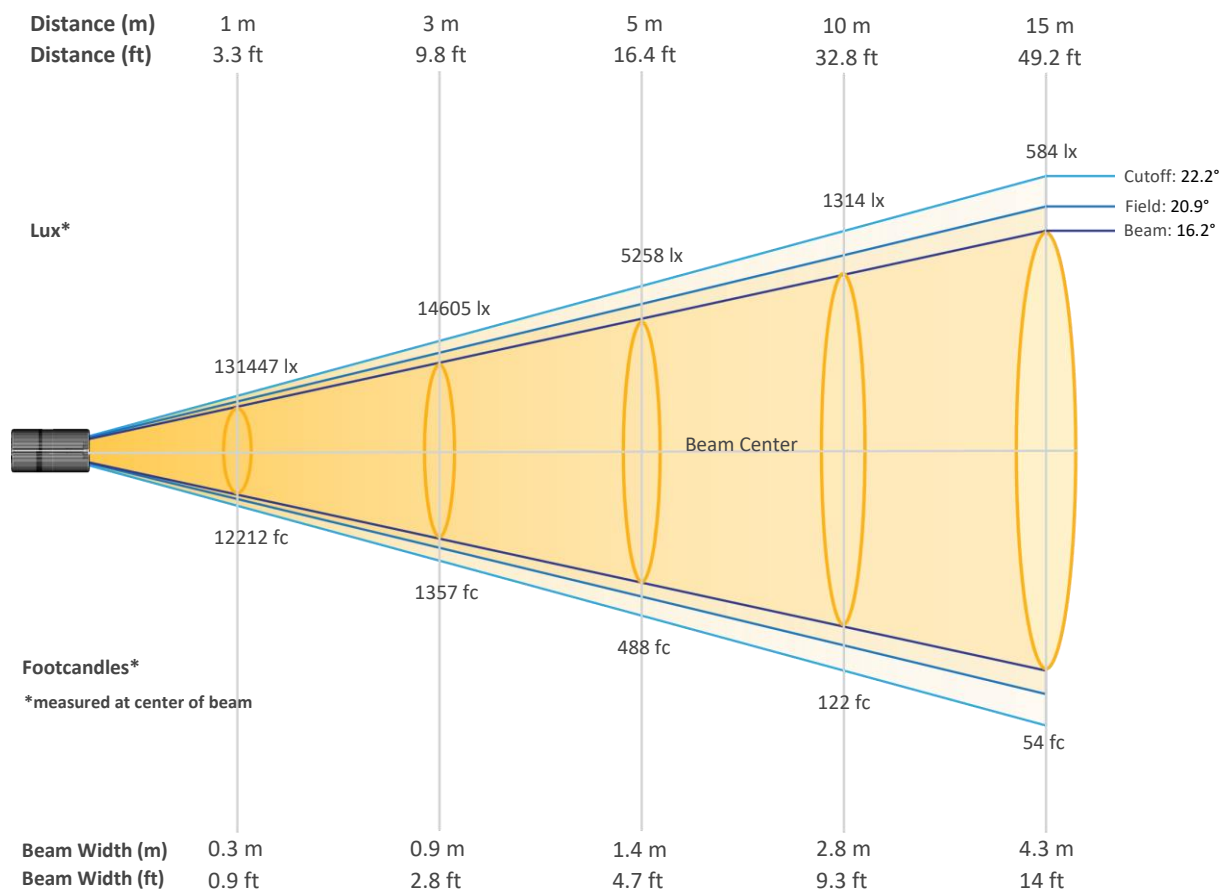
Light Quality
CRI: 76.3

Color Temperature
4059 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 4000K - Magenta + Yellow - Full Power - Fan set to Auto

Beam Details

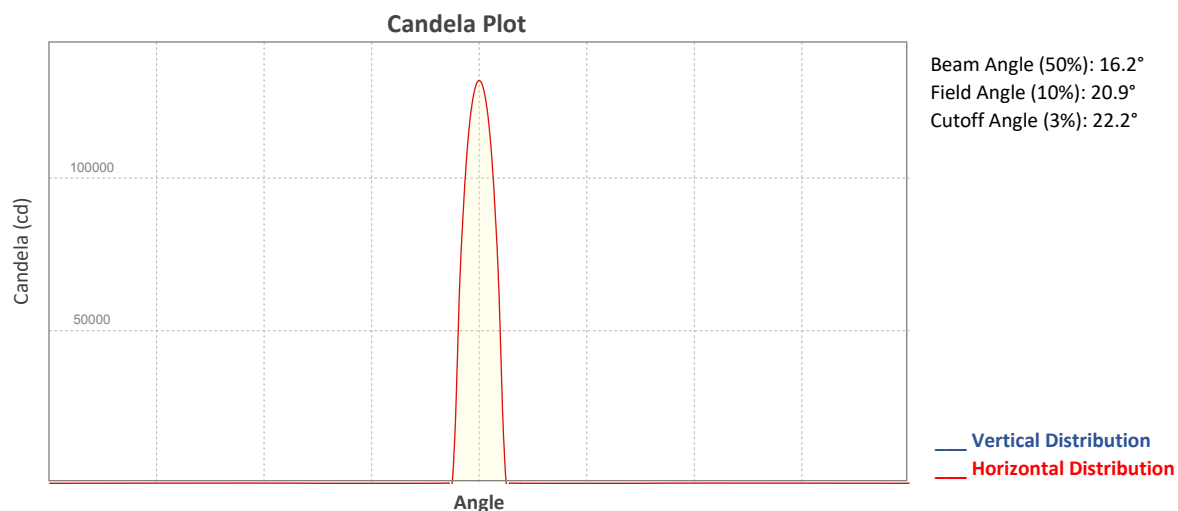


Beam Intensities from 1-20m (3.3-65.6ft)

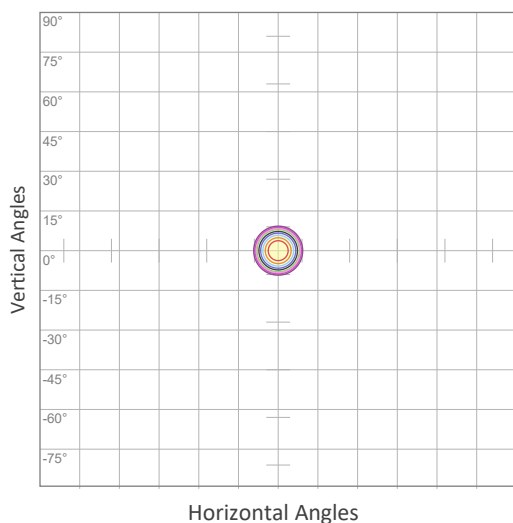
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	131447	32862	14605	8215	5258	3651	2683	2054	1623	1314
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1086	913	778	671	584	513	455	406	364	329
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12212	3053	1357	763	488	339	249	191	151	122
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	101	85	72	62	54	48	42	38	34	31

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 4000K - Magenta + Yellow - Full Power - Fan set to Auto



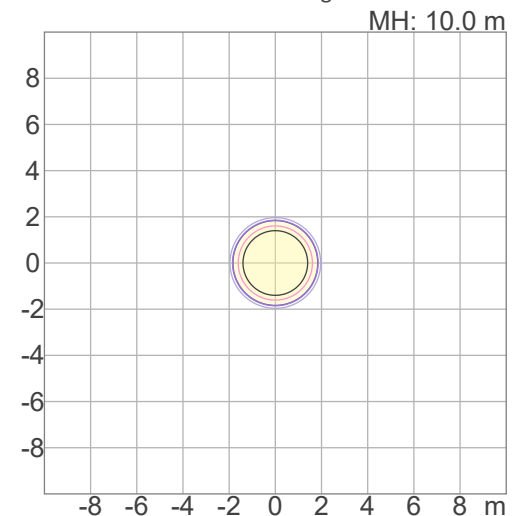
ISO Diagrams



ISO Candela Diagram

10%	13145 cd
20%	26289 cd
30%	39434 cd
40%	52579 cd
50%	65723 cd
60%	78868 cd
70%	92013 cd
80%	105157 cd
90%	118302 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 131447 cd



ISO Lux Diagram

3%	39.4 lx
5%	65.7 lx
10%	131 lx
30%	394 lx
50%	657 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1314 lx

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

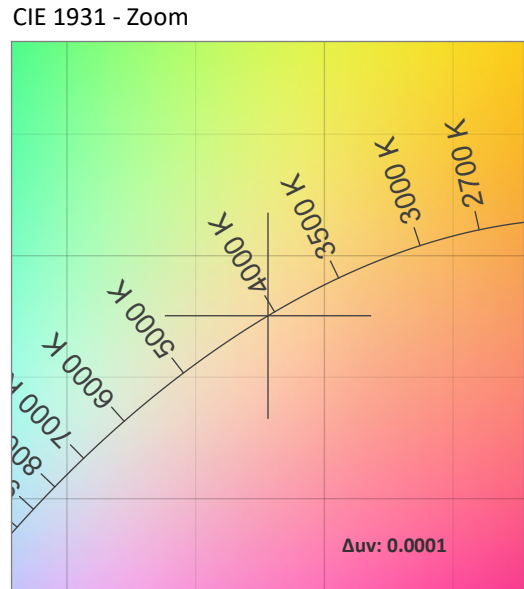
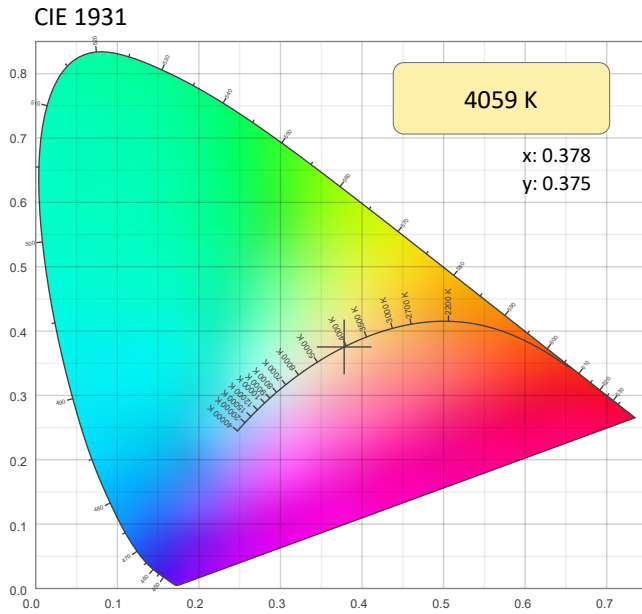
Mounting height: 10 meters / 33 feet



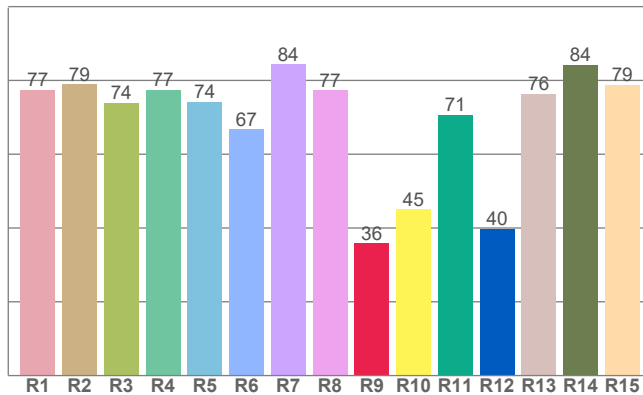
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 4000K - Magenta + Yellow - Full Power - Fan set to Auto

Chromaticity



CRI: 76.3 (R1-R8)

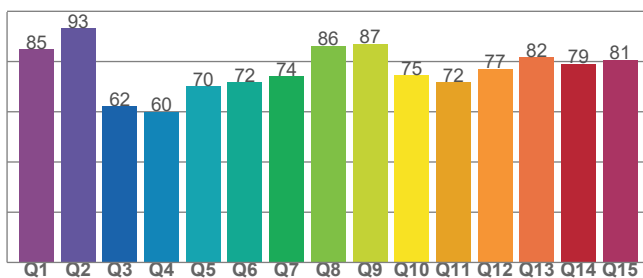


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4059 K	0.378	0.375

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.375	0.224

CQS: 75.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.3	35.8	75.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
57	75.4	99.7

Photometric & Chromaticity Report

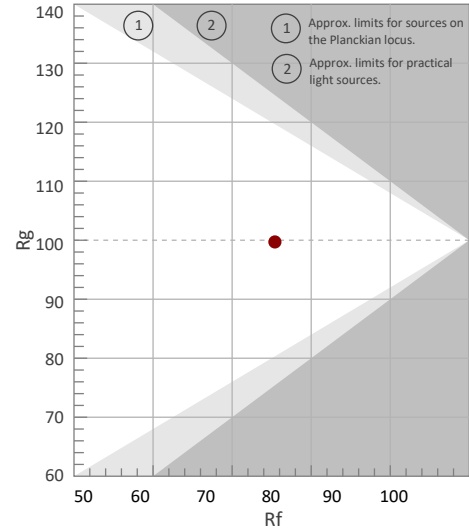
Maverick Storm 2 Profile: 50% Zoom-4000K - Magenta + Yellow - Full Power - Fan set to Auto

TM-30 Details

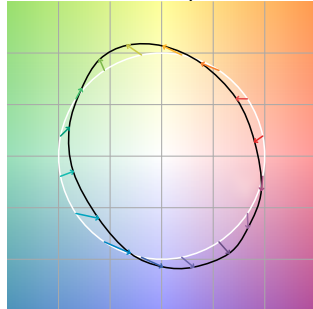
Rf 75.4
Fidelity Index
(Rg)

Rg 99.7
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-9%	-4%
2	82	-9%	6%
3	66	-4%	18%
4	69	5%	19%
5	77	12%	12%
6	82	11%	-2%
7	83	1%	-11%
8	81	-7%	-10%
9	81	-13%	-2%
10	64	-16%	16%
11	61	-5%	27%
12	61	5%	21%
13	80	12%	9%
14	80	15%	2%
15	81	8%	-11%
16	79	1%	-14%



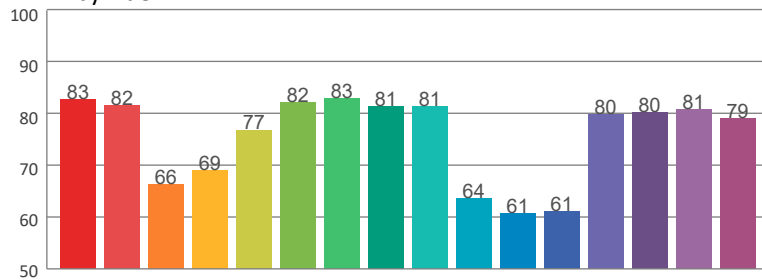
Color Vector Graphic



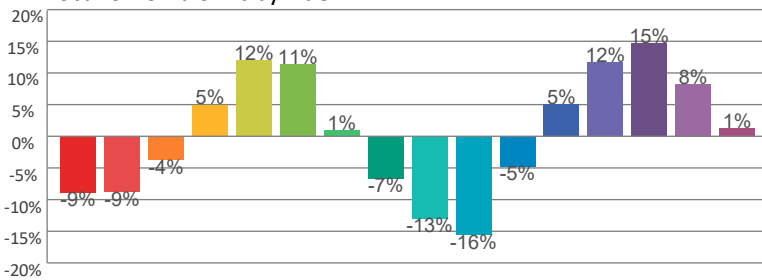
Color Distortion Graphic



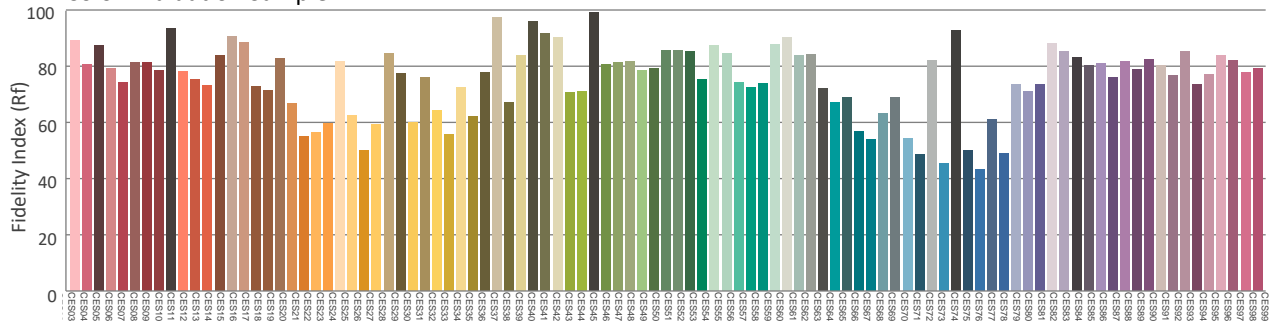
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 5600K - Magenta + Yellow - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 14269 lm
Fixture Peak: 224917 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8997 lux
Color Temperature: 5645 K
CRI: 74.4 CRI R9 Value: 7.1
CQS: 72.6
TLCI: 58
TM-30 Rf: 73.8
TM-30 Rg: 98.0
Beam Angle (50%): 15.7°
Field Angle (10%): 20.7°
Cutoff Angle (3%): 22.6°

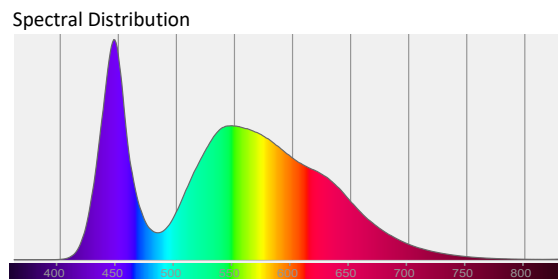
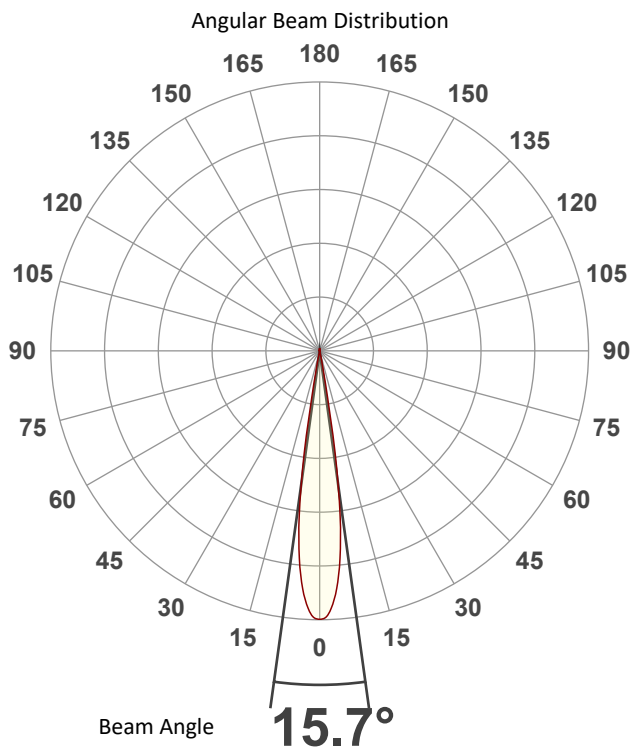


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/14/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.329
Y: 0.339

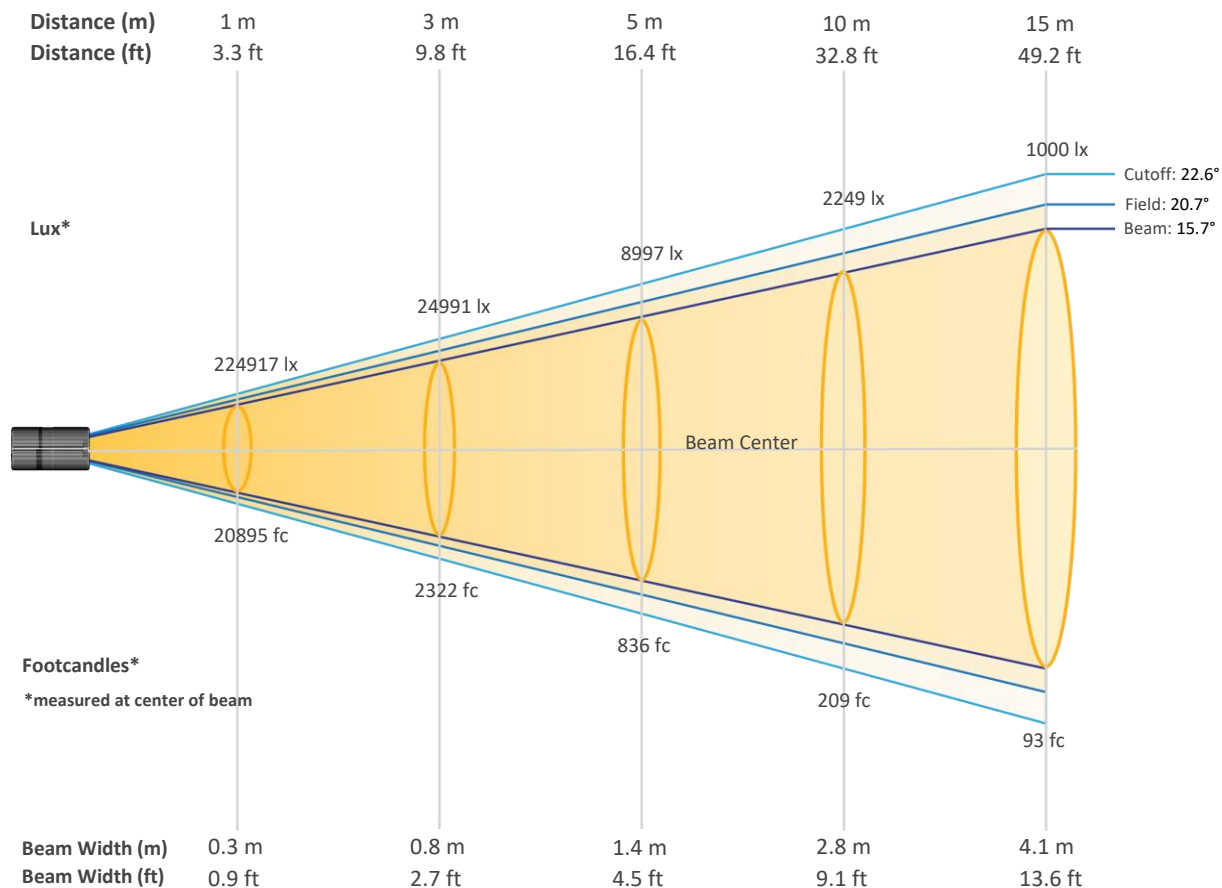
Light Quality
CRI: 74.4

Color Temperature
5645 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 5600K - Magenta + Yellow - Full Power - Fan set to Auto

Beam Details

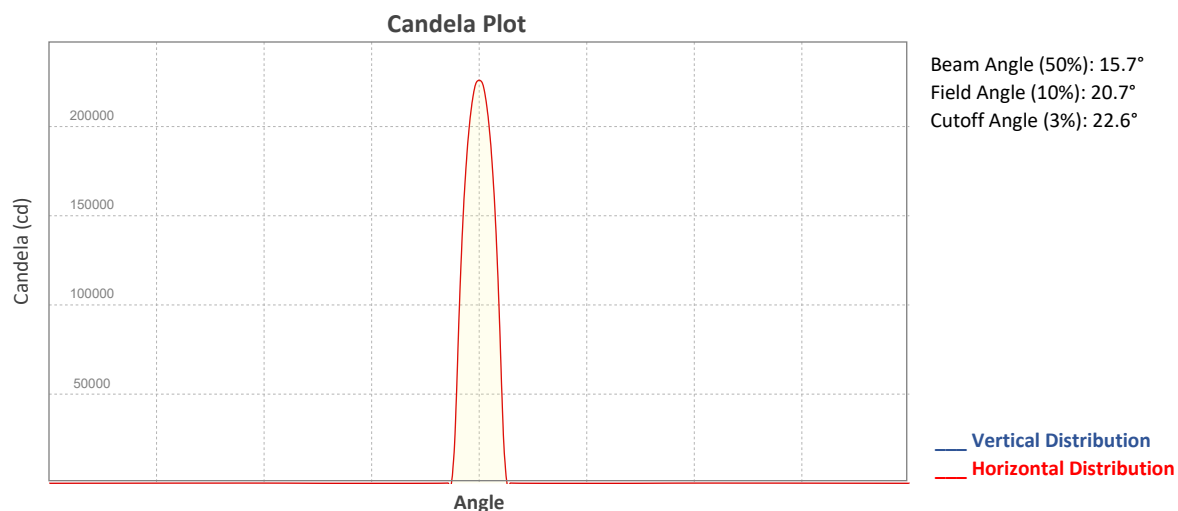


Beam Intensities from 1-20m (3.3-65.6ft)

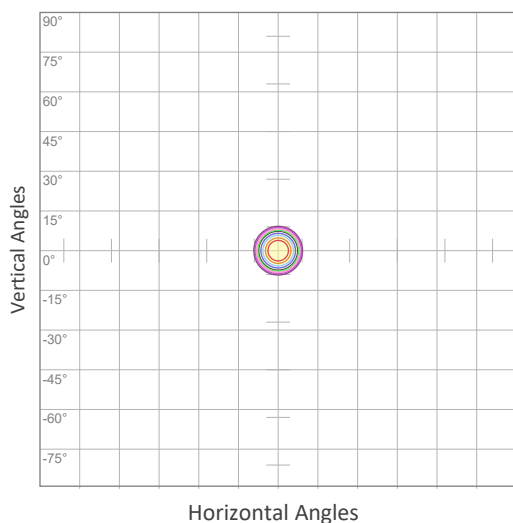
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	224917	56229	24991	14057	8997	6248	4590	3514	2777	2249
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1859	1562	1331	1148	1000	879	778	694	623	562
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20895	5224	2322	1306	836	580	426	326	258	209
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	173	145	124	107	93	82	72	64	58	52

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 5600K - Magenta + Yellow - Full Power - Fan set to Auto



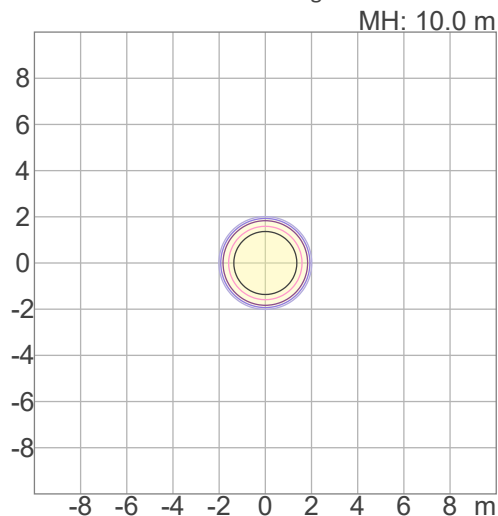
ISO Diagrams



ISO Candela Diagram

10%	22492 cd
20%	44983 cd
30%	67475 cd
40%	89967 cd
50%	112458 cd
60%	134950 cd
70%	157442 cd
80%	179933 cd
90%	202425 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 224917 cd



ISO Lux Diagram

3%	67.5 lx
5%	112 lx
10%	225 lx
30%	675 lx
50%	1125 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 2249 lx

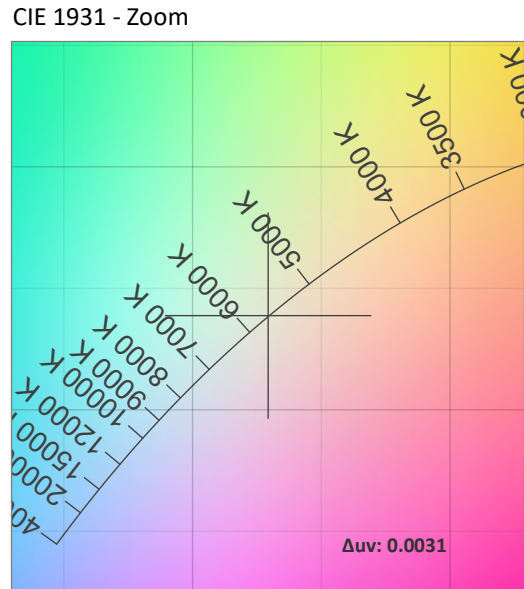
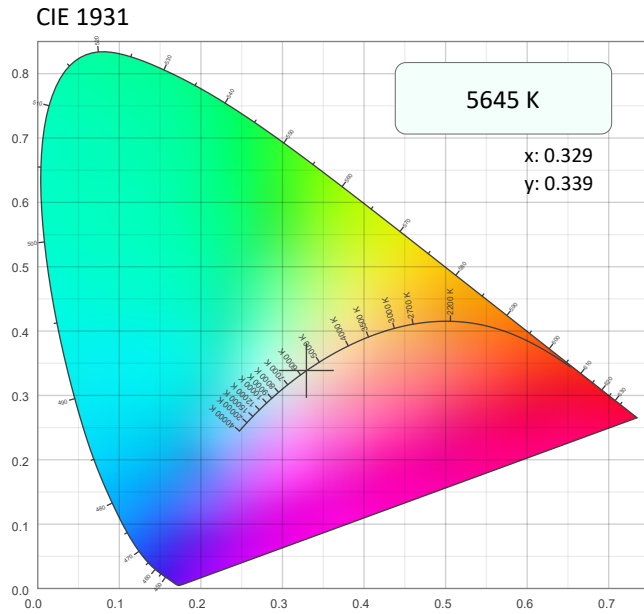
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

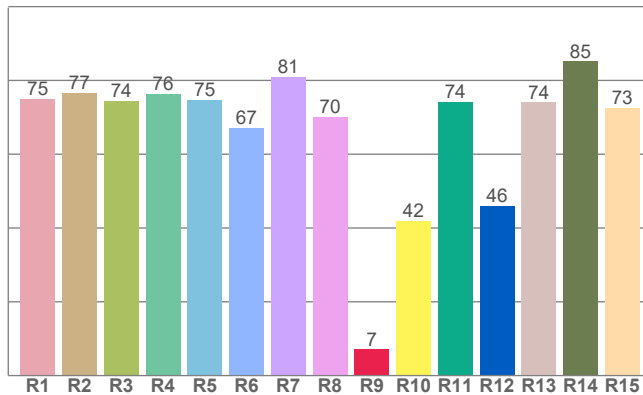
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - 5600K - Magenta + Yellow - Full Power - Fan set to Auto

Chromaticity



CRI: 74.4 (R1-R8)

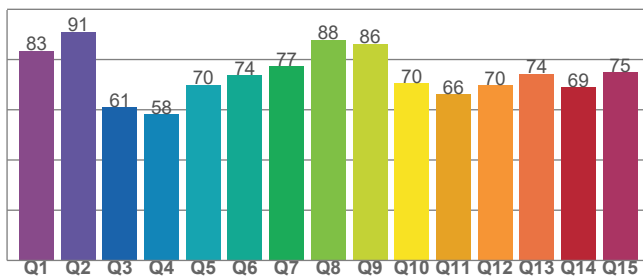


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5645 K	0.329	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0031	0.339	0.206

CQS: 72.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.4	7.1	72.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
58	73.8	98.0

Photometric & Chromaticity Report

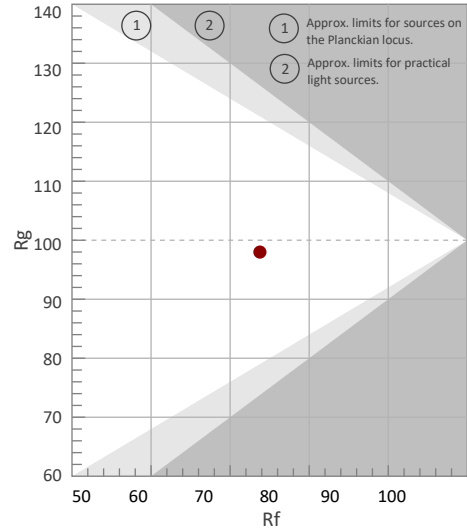
Maverick Storm 2 Profile: 50% Zoom - 5600K - Magenta + Yellow - Full Power - Fan set to Auto

TM-30 Details

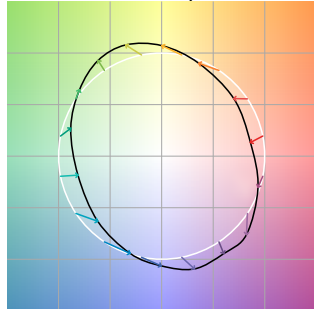
Rf 73.8
Fidelity Index (Rg)

Rg 98.0
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	75	-13%	-4%
2	78	-11%	8%
3	65	-5%	20%
4	67	5%	21%
5	74	13%	13%
6	83	11%	0%
7	85	2%	-9%
8	79	-8%	-9%
9	81	-17%	2%
10	63	-13%	18%
11	56	-5%	27%
12	70	4%	20%
13	80	13%	10%
14	78	12%	-2%
15	77	11%	-18%
16	81	-2%	-11%



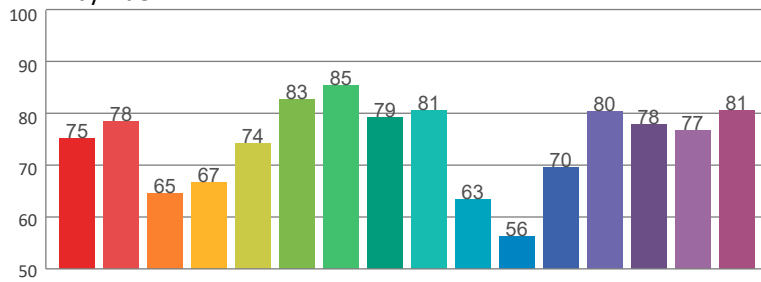
Color Vector Graphic



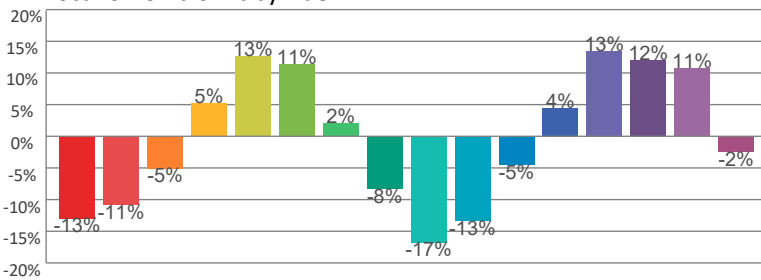
Color Distortion Graphic



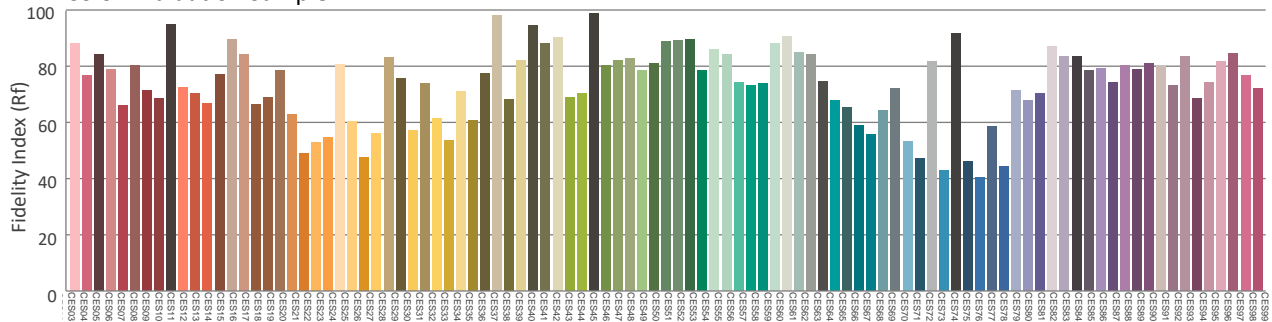
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 27448 lm
Fixture Peak: 219541 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8782 lux
Color Temperature: 6963 K
CRI: 71.3 CRI R9 Value: -28.8
CQS: 70.9
TLCI: 51
TM-30 Rf: 72.5
TM-30 Rg: 94.3
Beam Angle (50%): 22.6°
Field Angle (10%): 28.5°
Cutoff Angle (3%): 29.6°

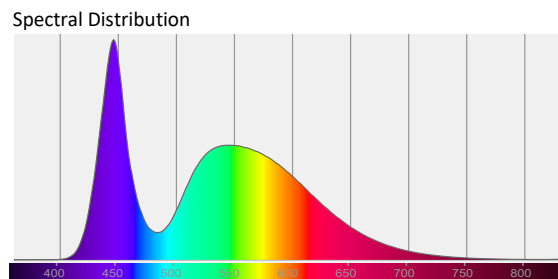
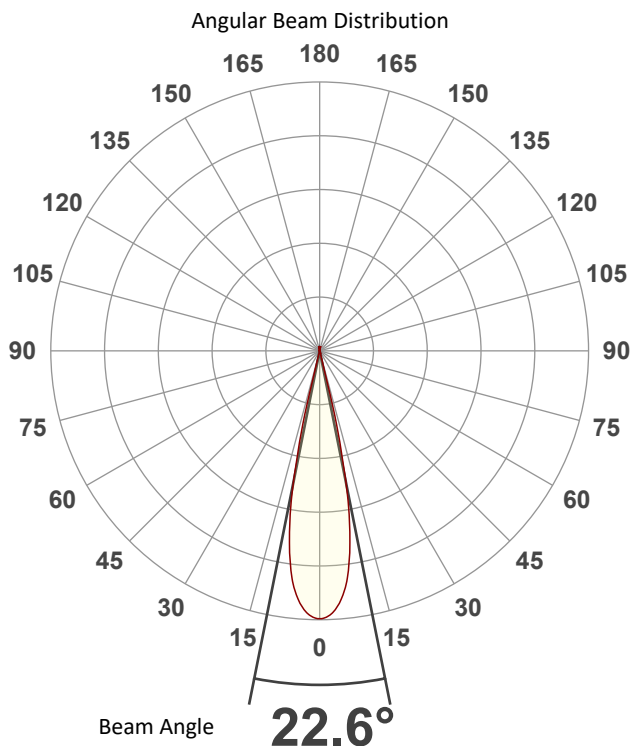


Conditions

AC Supply: 117 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

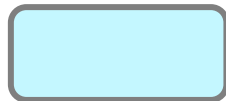
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.324



Light Quality

CRI: 71.3

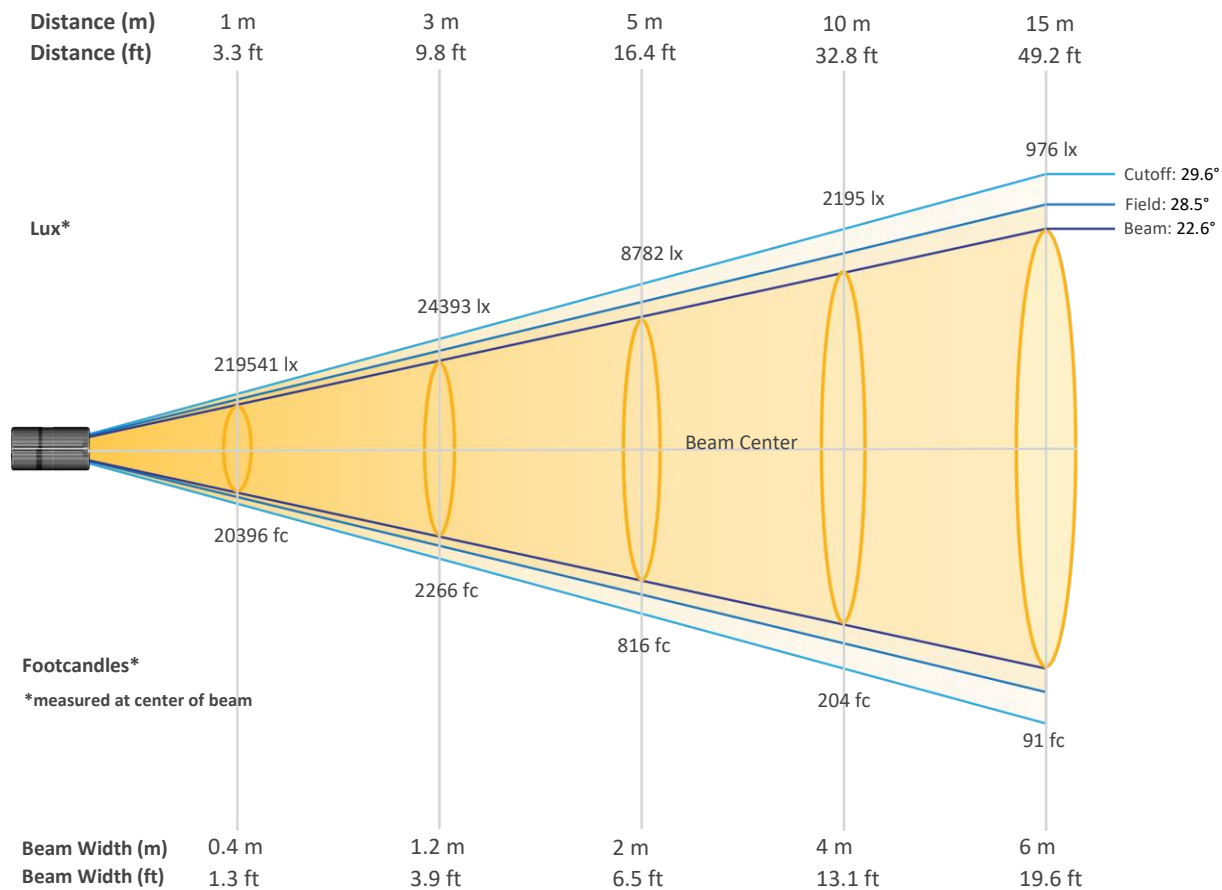
Color Temperature

6963 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Auto

Beam Details

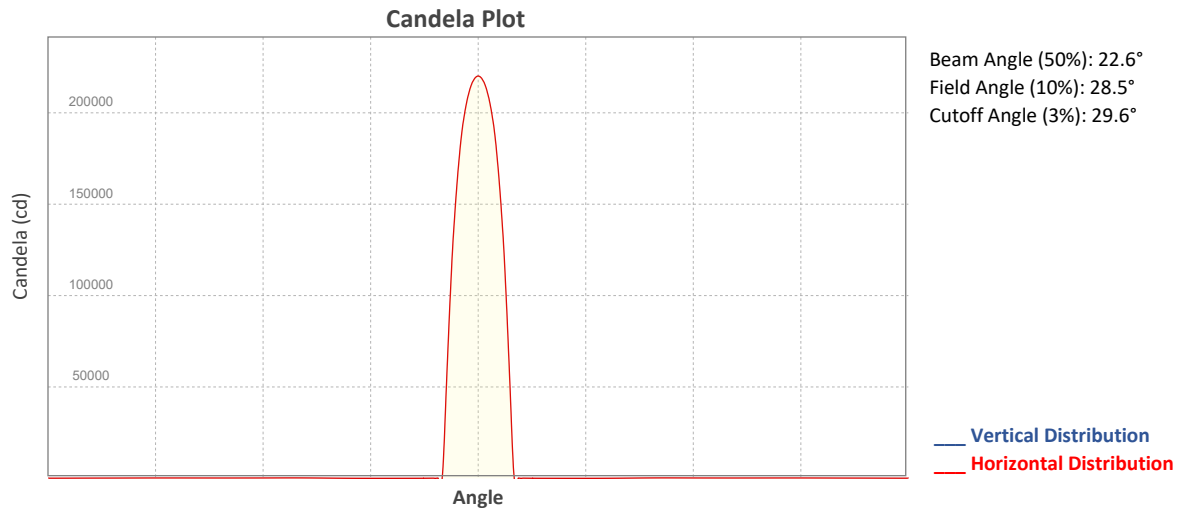


Beam Intensities from 1-20m (3.3-65.6ft)

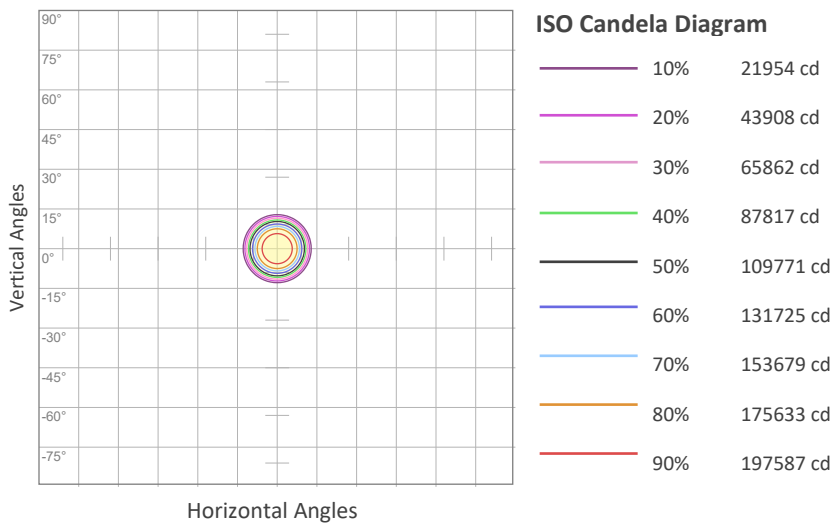
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	219541	54885	24393	13721	8782	6098	4480	3430	2710	2195
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1814	1525	1299	1120	976	858	760	678	608	549
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20396	5099	2266	1275	816	567	416	319	252	204
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	169	142	121	104	91	80	71	63	56	51

Photometric & Chromaticity Report

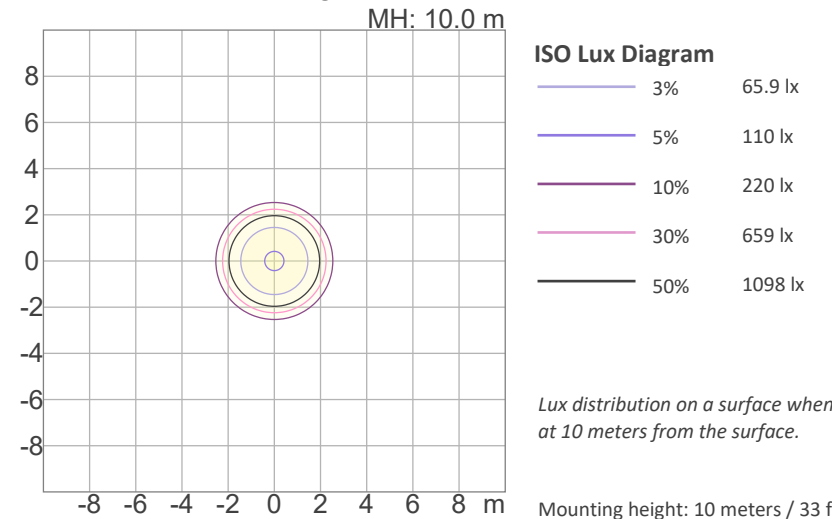
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Auto



ISO Diagrams



Conditions:
 Number of c-planes: 2
 Candela at center: 219541 cd



Conditions:
 Number of c-planes: 2
 Candela at center: 2195 lx

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

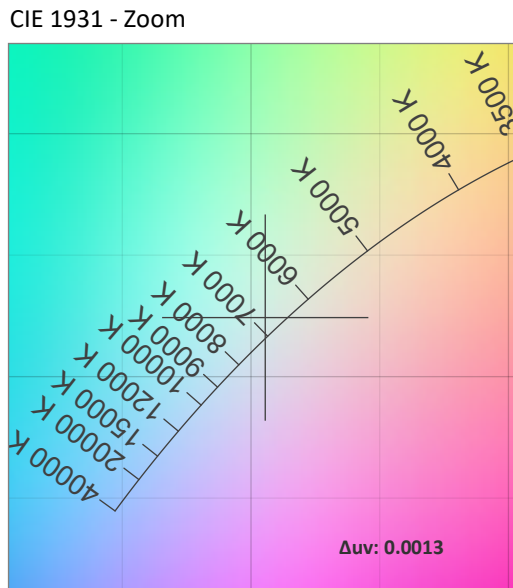
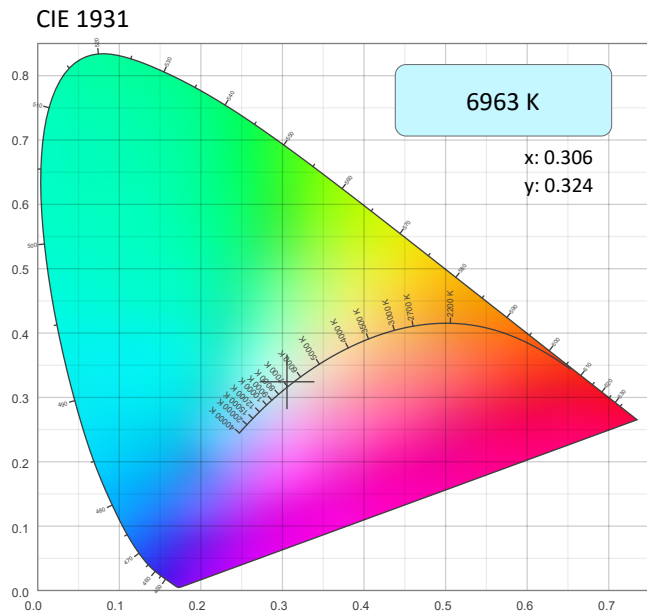
Mounting height: 10 meters / 33 feet



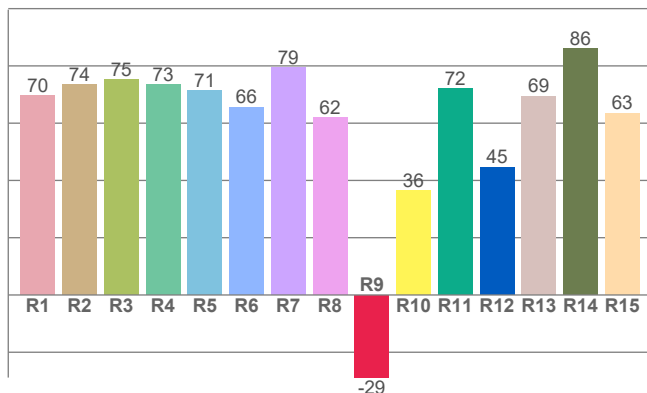
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Auto

Chromaticity



CRI: 71.3 (R1-R8)

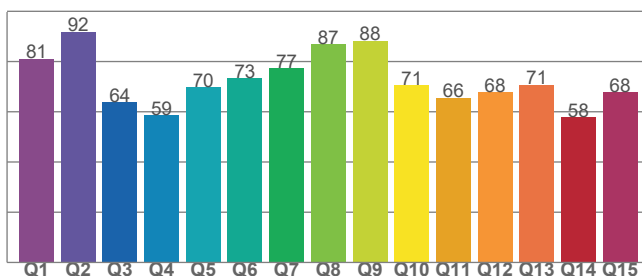


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6963 K	0.306	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0013	0.324	0.195

CQS: 70.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.3	-28.8	70.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.5	94.3

Photometric & Chromaticity Report

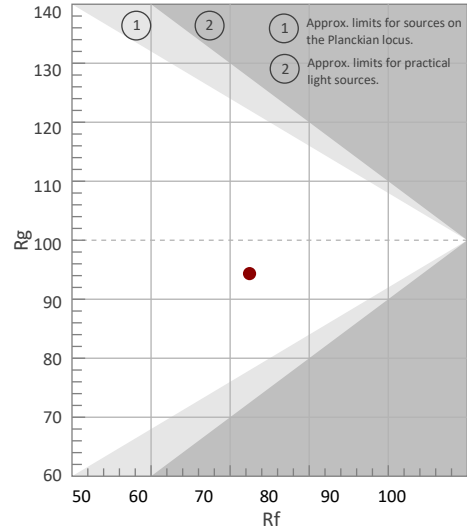
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Auto

TM-30 Details

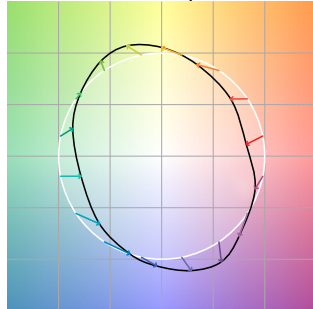
Rf 72.5
Fidelity Index (Rg)

Rg 94.3
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	67	3%	20%
5	74	12%	12%
6	84	9%	-2%
7	90	-1%	-7%
8	77	-10%	-9%
9	77	-19%	4%
10	65	-13%	21%
11	46	-4%	27%
12	71	5%	16%
13	81	14%	6%
14	77	17%	-9%
15	70	6%	-23%
16	76	-5%	-13%



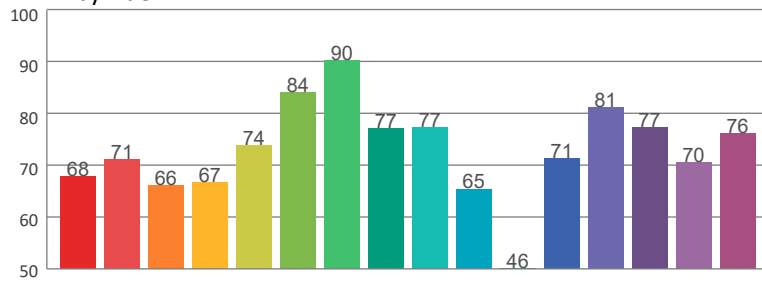
Color Vector Graphic



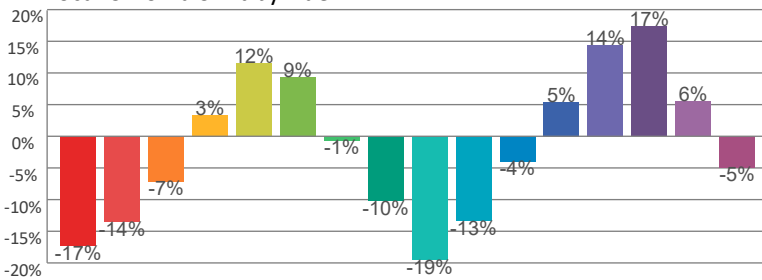
Color Distortion Graphic



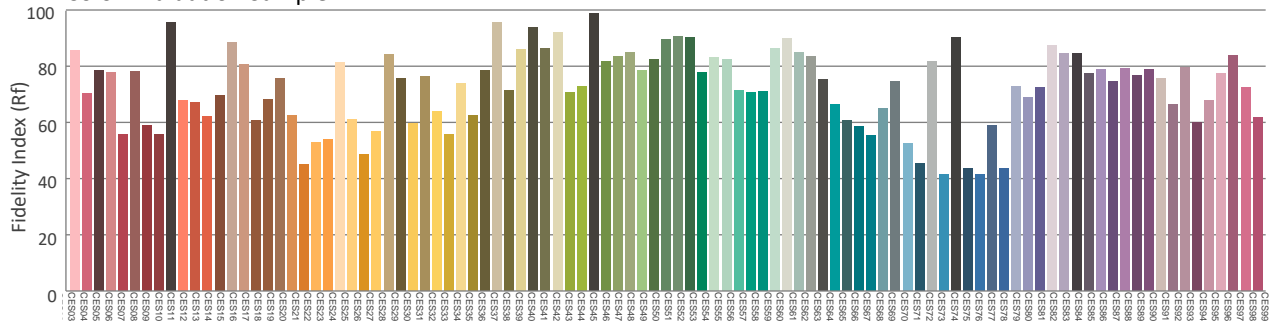
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Eco

Report Summary

Measurements

Fixture Output: 26896 lm
Fixture Peak: 216861 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8674 lux
Color Temperature: 6960 K
CRI: 71.4 CRI R9 Value: -28.6
CQS: 71.0
TLCI: 51
TM-30 Rf: 72.6
TM-30 Rg: 94.3
Beam Angle (50%): 22.4°
Field Angle (10%): 28.5°
Cutoff Angle (3%): 29.6°

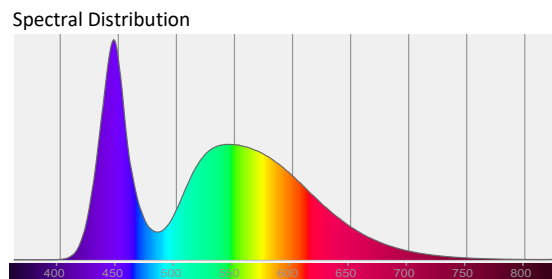
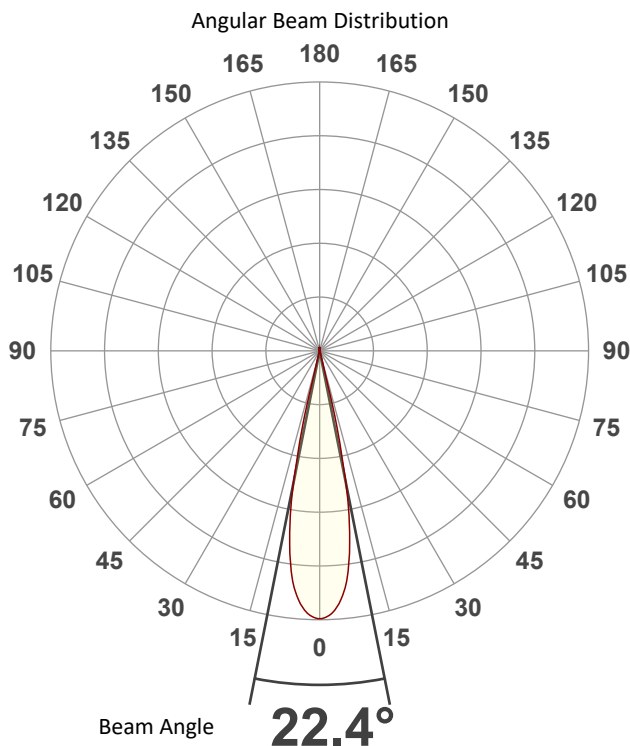


Conditions

AC Supply: 117 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

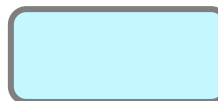
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.324



Light Quality

CRI: 71.4

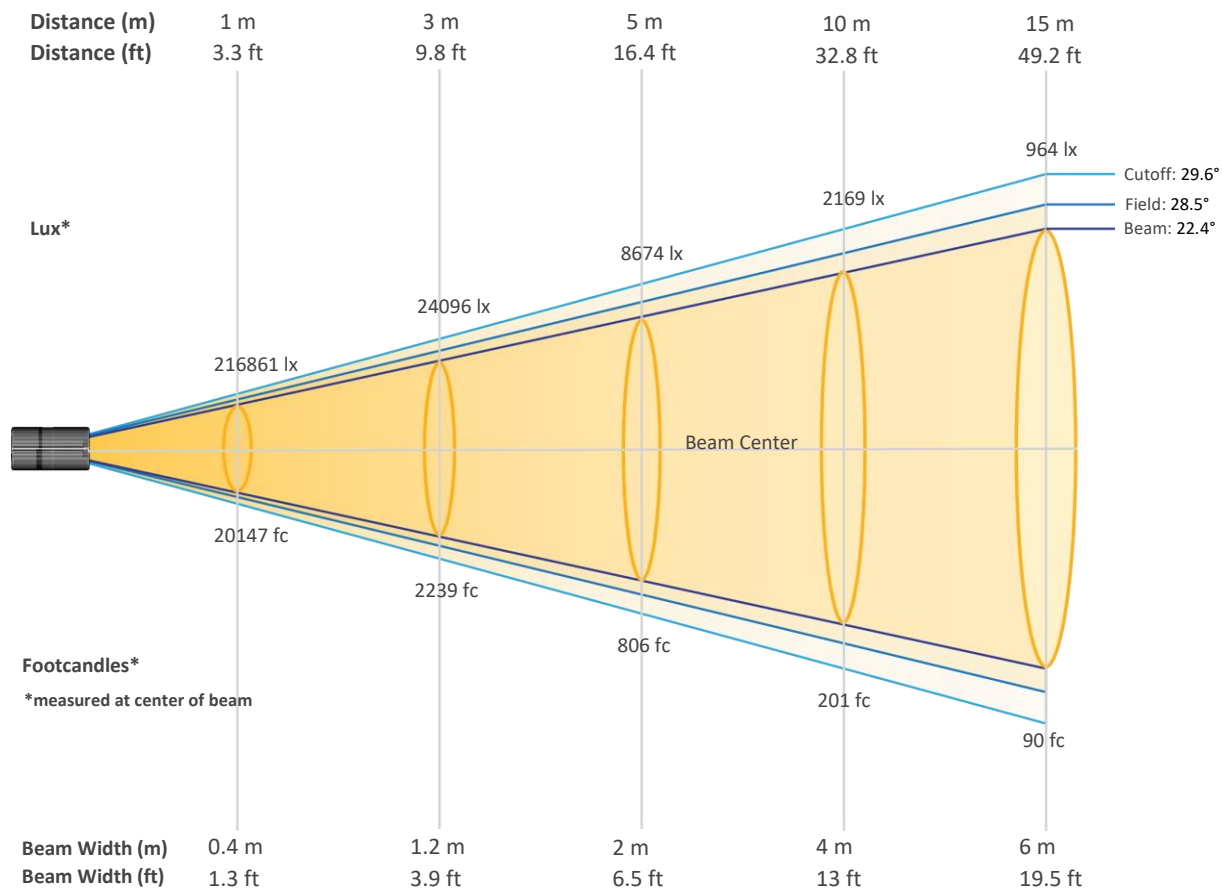
Color Temperature

6960 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Eco

Beam Details

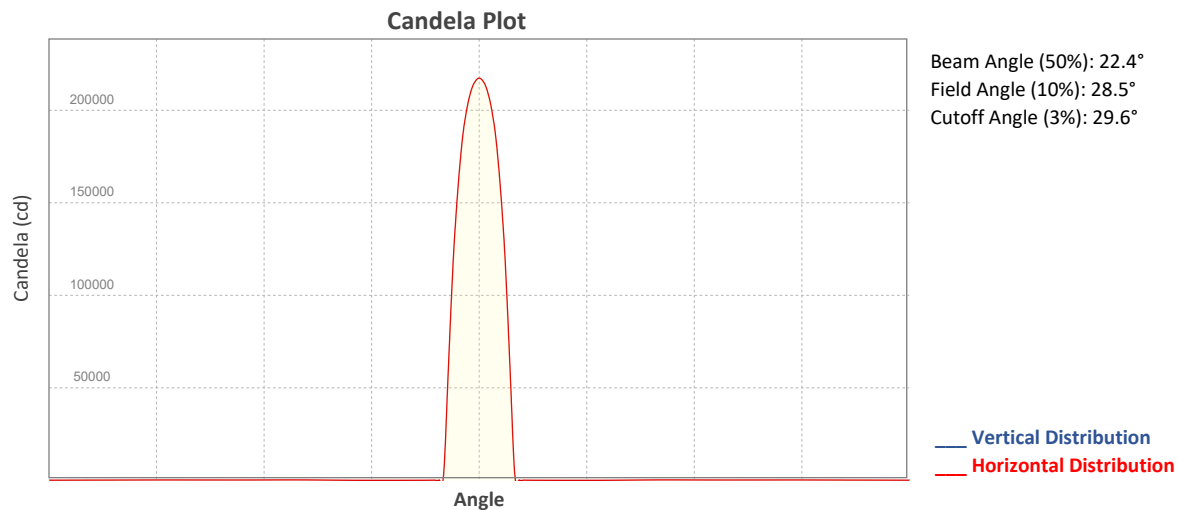


Beam Intensities from 1-20m (3.3-65.6ft)

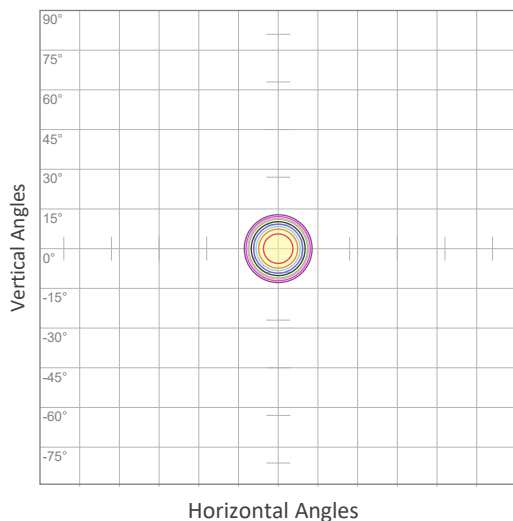
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	216861	54215	24096	13554	8674	6024	4426	3388	2677	2169
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1792	1506	1283	1106	964	847	750	669	601	542
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20147	5037	2239	1259	806	560	411	315	249	201
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	167	140	119	103	90	79	70	62	56	50

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Eco



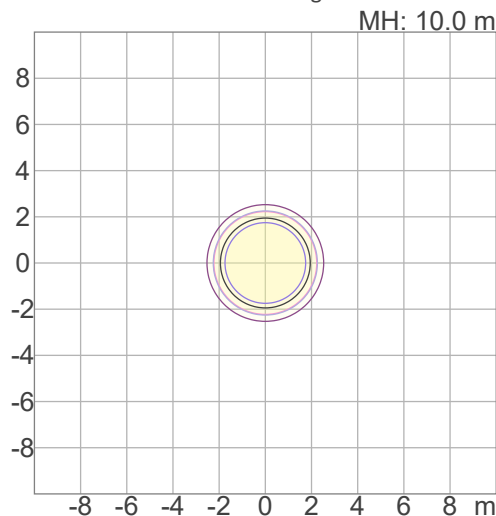
ISO Diagrams



ISO Candela Diagram

10%	21686 cd
20%	43372 cd
30%	65058 cd
40%	86744 cd
50%	108430 cd
60%	130117 cd
70%	151803 cd
80%	173489 cd
90%	195175 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 216861 cd



ISO Lux Diagram

3%	65.1 lx
5%	108 lx
10%	217 lx
30%	651 lx
50%	1084 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 2169 lx

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

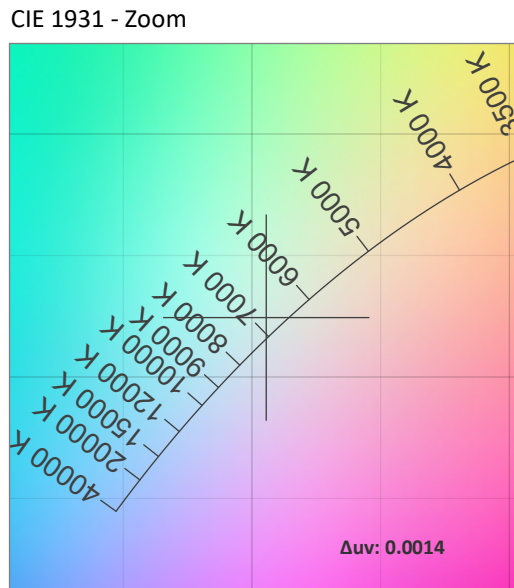
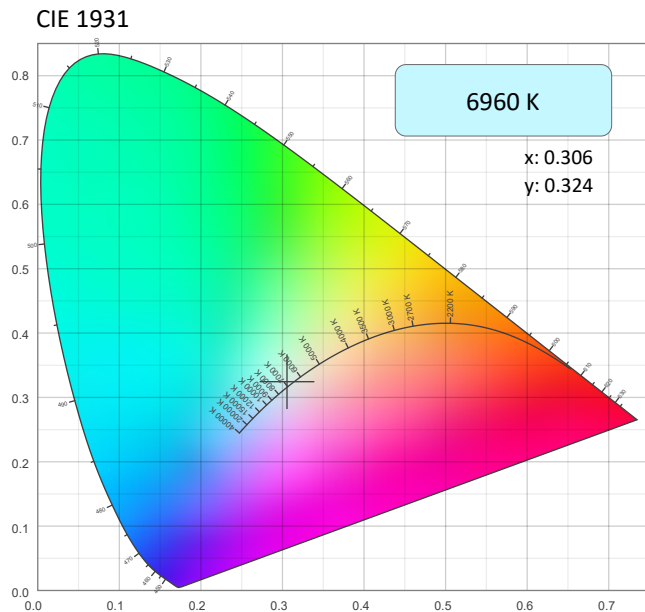
Mounting height: 10 meters / 33 feet



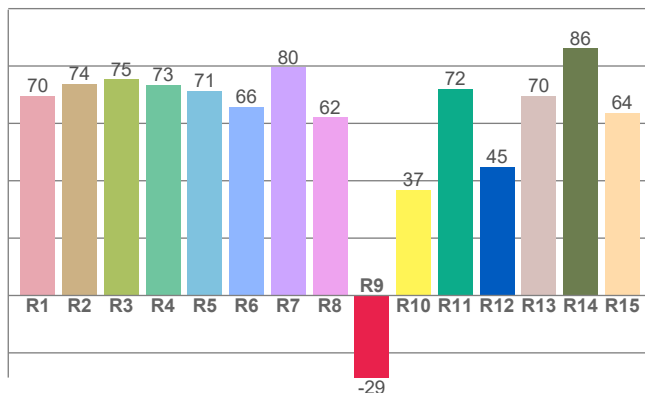
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Eco

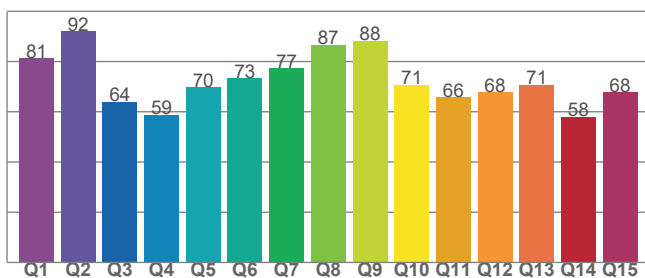
Chromaticity



CRI: 71.4 (R1-R8)



CQS: 71.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6960 K	0.306	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.324	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.4	-28.6	71.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.6	94.3

Photometric & Chromaticity Report

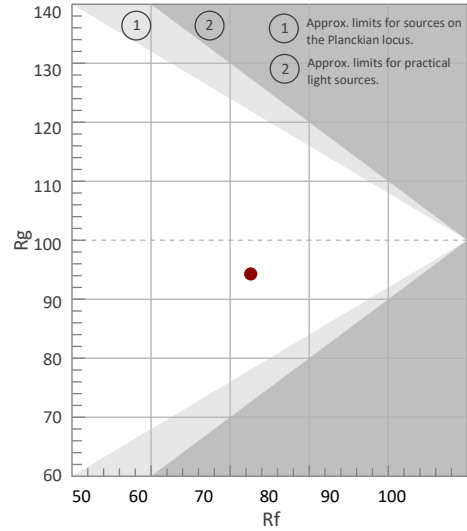
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to Eco

TM-30 Details

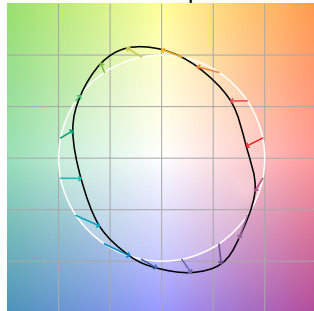
Rf 72.6
Fidelity Index (Rg)

Rg 94.3
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-5%
2	71	-14%	9%
3	66	-7%	21%
4	67	3%	20%
5	74	11%	12%
6	84	9%	-2%
7	90	-1%	-7%
8	77	-10%	-9%
9	77	-19%	4%
10	65	-13%	21%
11	46	-4%	27%
12	72	5%	16%
13	81	14%	6%
14	77	17%	-9%
15	70	5%	-23%
16	76	-5%	-13%



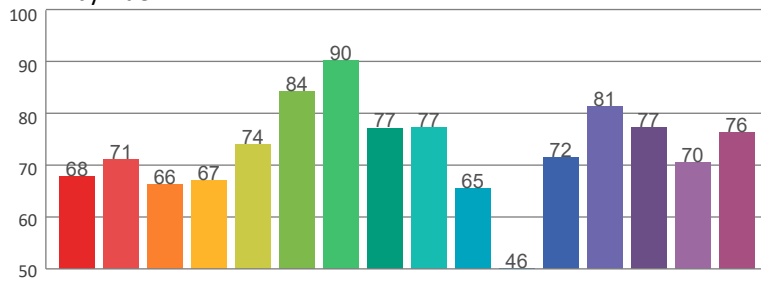
Color Vector Graphic



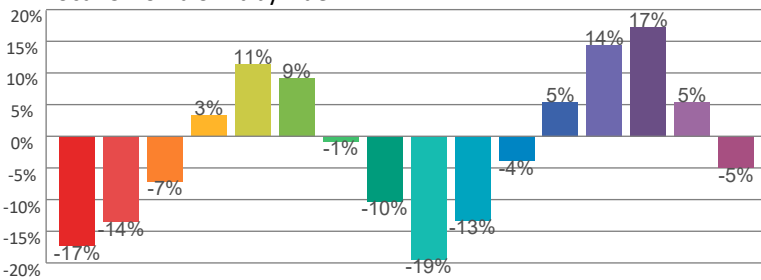
Color Distortion Graphic



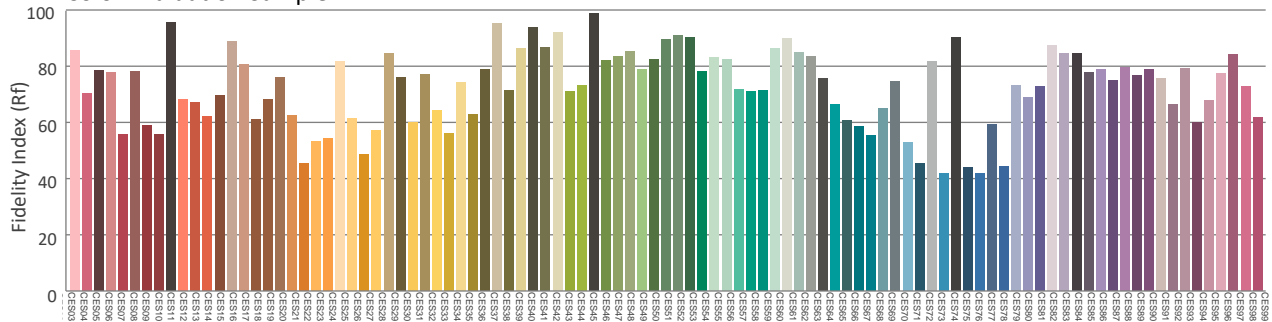
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 19906 lm
Fixture Peak: 160089 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6404 lux
Color Temperature: 6787 K
CRI: 69.7 CRI R9 Value: -34.6
CQS: 70.4
TLCI: 49
TM-30 Rf: 71.2
TM-30 Rg: 94.9
Beam Angle (50%): 22.3°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 31°

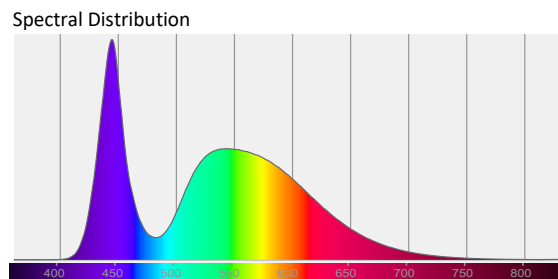
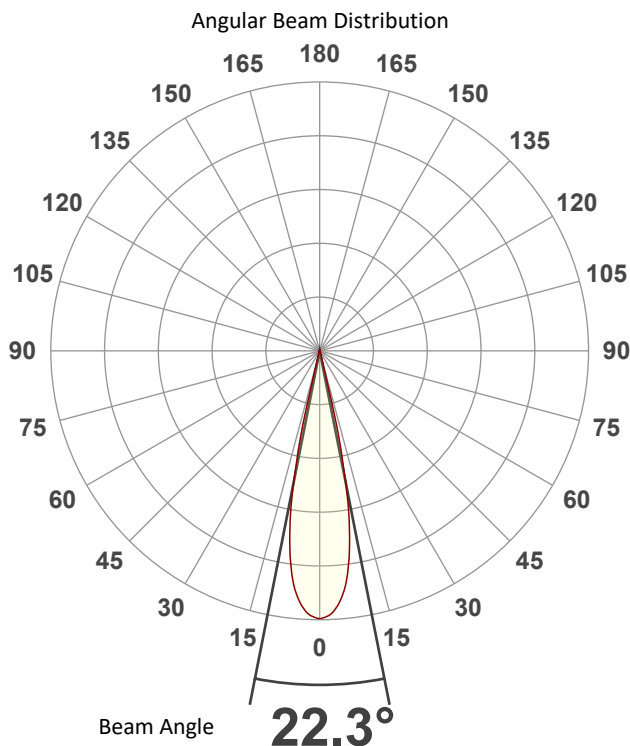


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

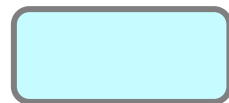
Overall Measurement



Tested Color (CIE 1931):

X: 0.308

Y: 0.329



Light Quality

CRI: 69.7

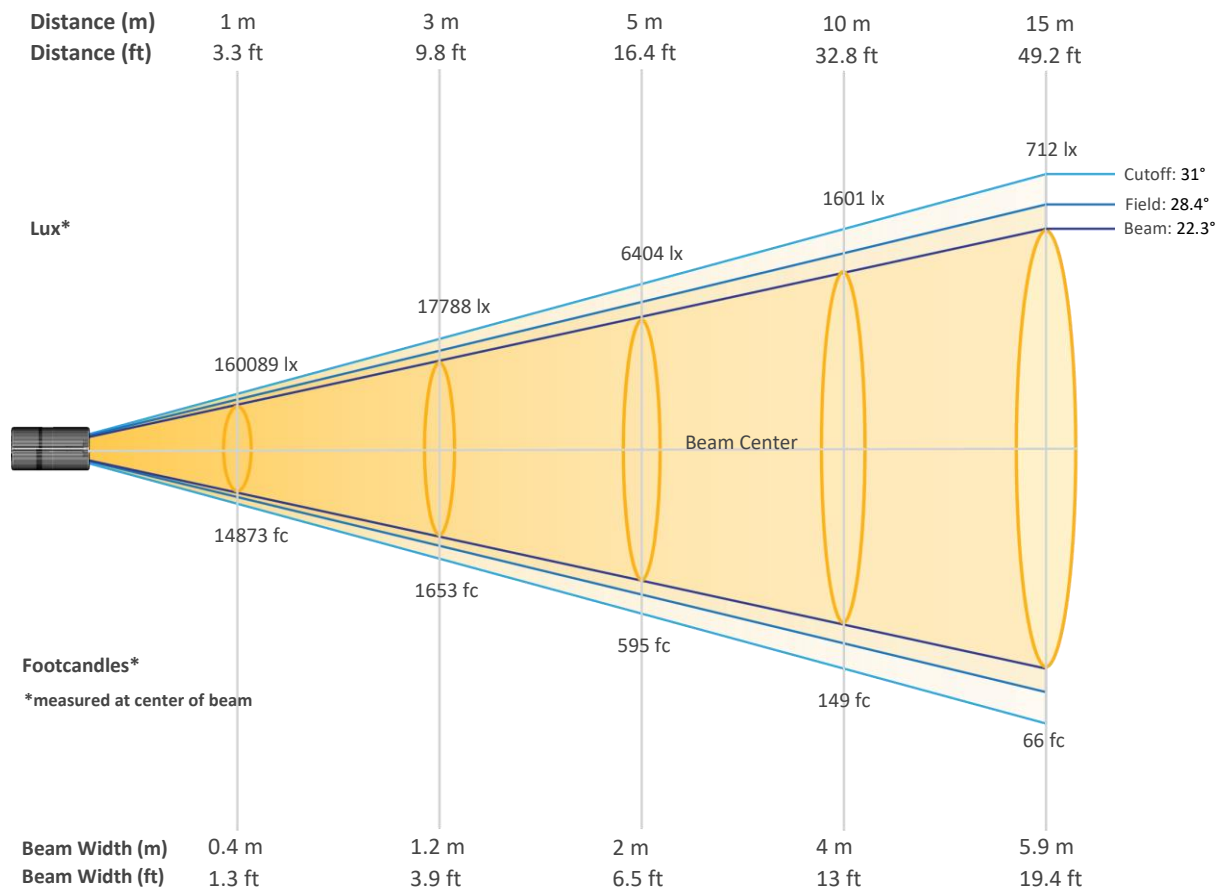
Color Temperature

6787 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-25

Beam Details

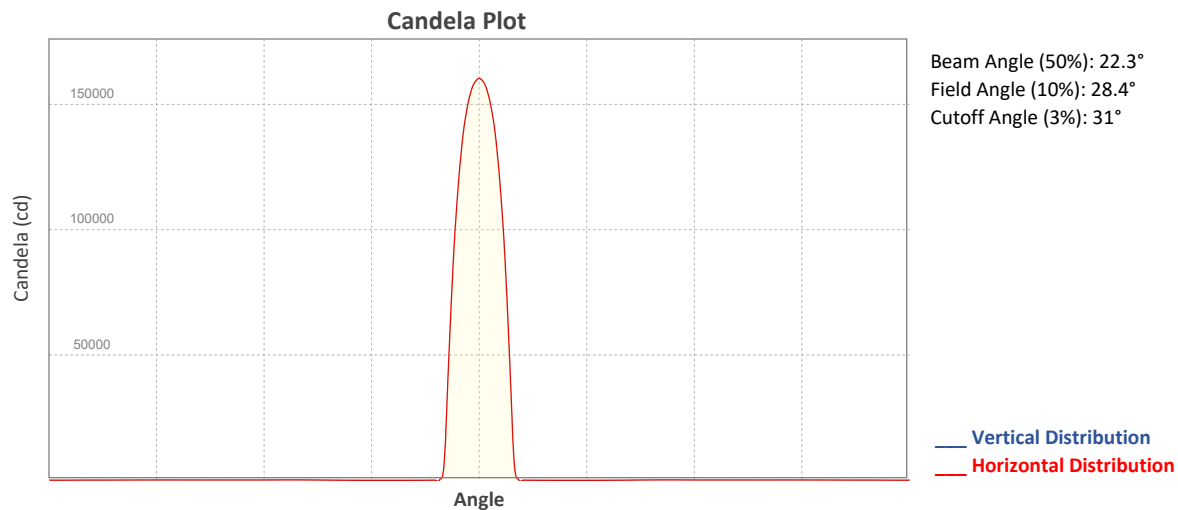


Beam Intensities from 1-20m (3.3-65.6ft)

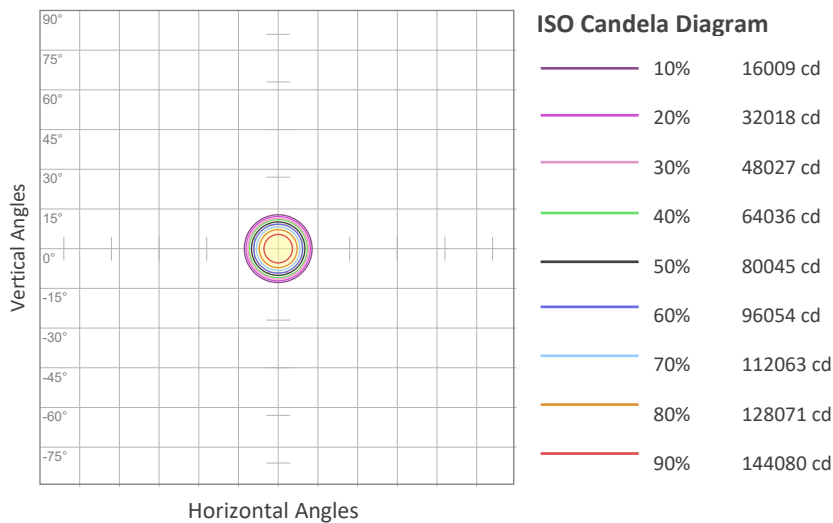
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	160089	40022	17788	10006	6404	4447	3267	2501	1976	1601
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1323	1112	947	817	712	625	554	494	443	400
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14873	3718	1653	930	595	413	304	232	184	149
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	123	103	88	76	66	58	51	46	41	37

Photometric & Chromaticity Report

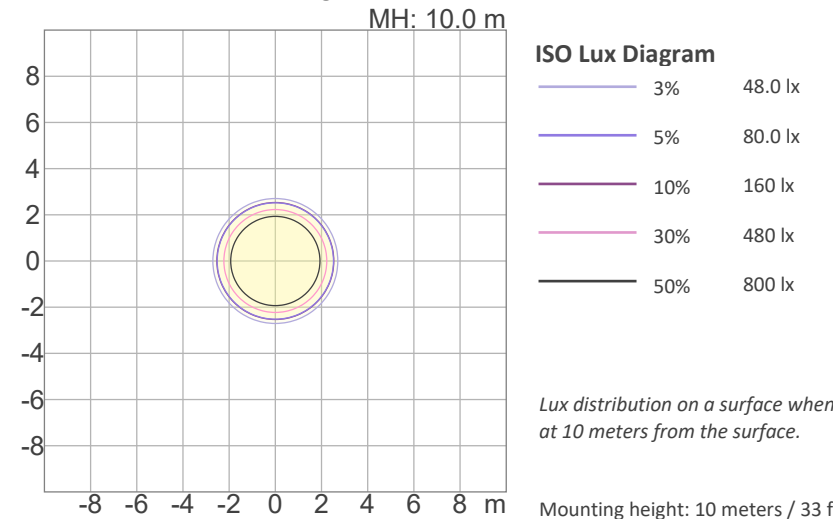
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-25



ISO Diagrams



Conditions:
 Number of c-planes: 2
 Candela at center: 160089 cd



Conditions:
 Number of c-planes: 2
 Candela at center: 1601 lx

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

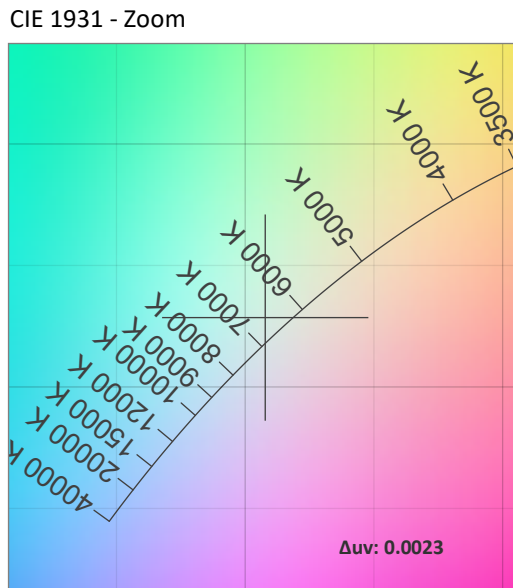
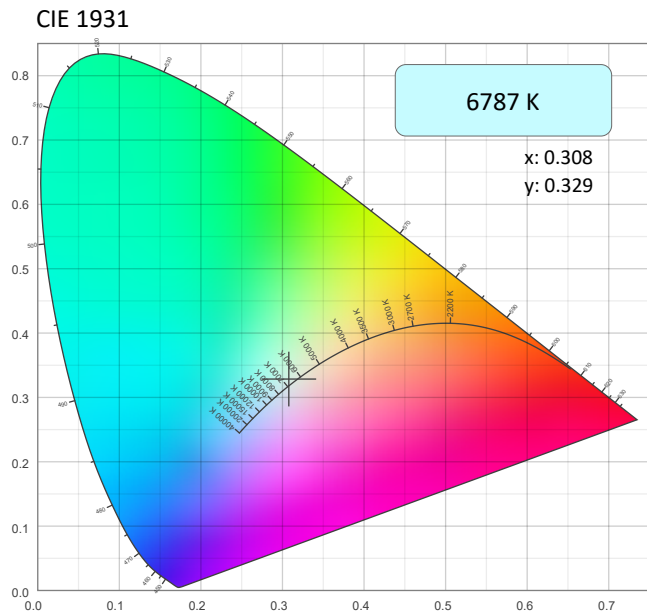
Mounting height: 10 meters / 33 feet



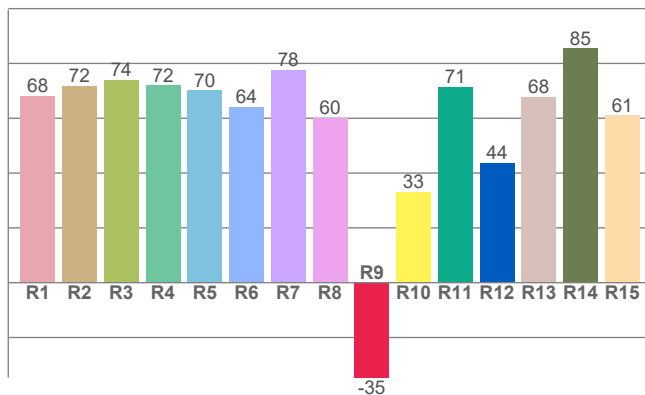
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-25

Chromaticity



CRI: 69.7 (R1-R8)

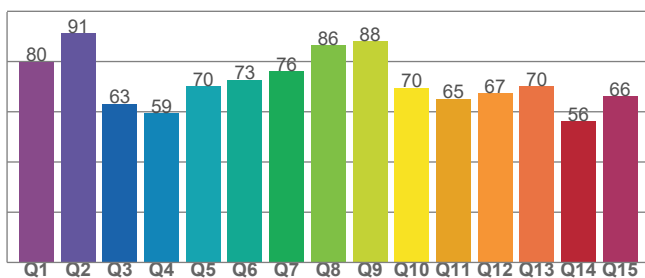


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6787 K	0.308	0.329

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0023	0.329	0.195

CQS: 70.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	-34.6	70.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.2	94.9

Photometric & Chromaticity Report

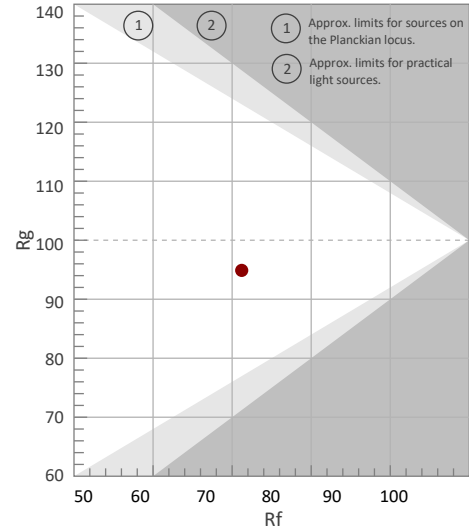
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-25

TM-30 Details

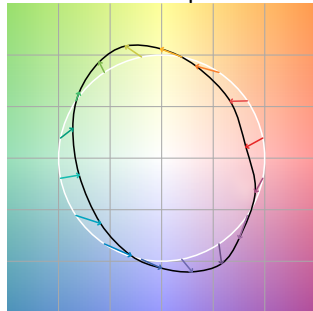
Rf 71.2
Fidelity Index (Rg)

Rg 94.9
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	70	-14%	9%
3	65	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-1%
7	87	2%	-9%
8	75	-10%	-11%
9	79	-18%	0%
10	63	-16%	20%
11	50	-5%	28%
12	69	5%	20%
13	79	14%	7%
14	77	17%	-8%
15	70	6%	-23%
16	75	-5%	-15%



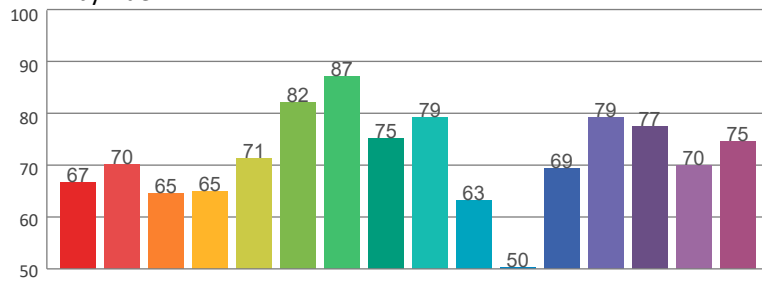
Color Vector Graphic



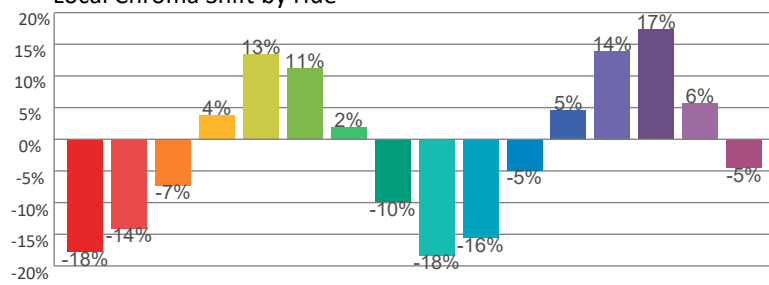
Color Distortion Graphic



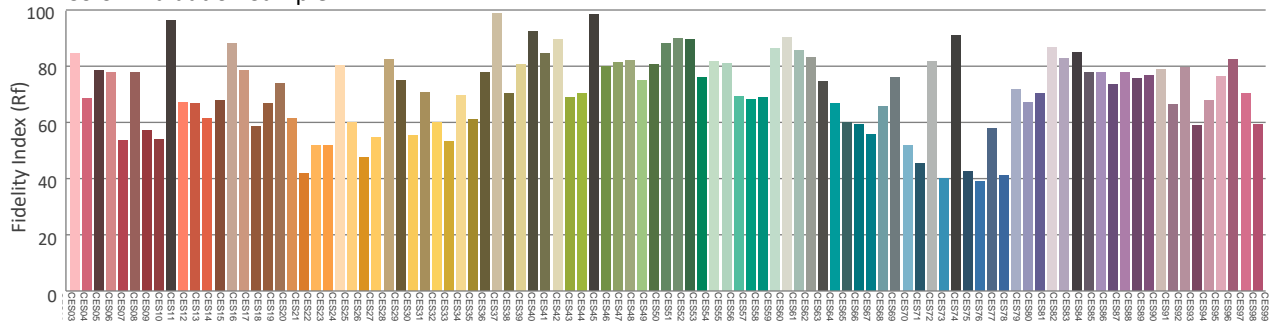
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 13417 lm
Fixture Peak: 105728 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4229 lux
Color Temperature: 6795 K
CRI: 69.7 CRI R9 Value: -34.8
CQS: 70.4
TLCI: 49
TM-30 Rf: 71.2
TM-30 Rg: 94.9
Beam Angle (50%): 22.9°
Field Angle (10%): 28.5°
Cutoff Angle (3%): 30.7°

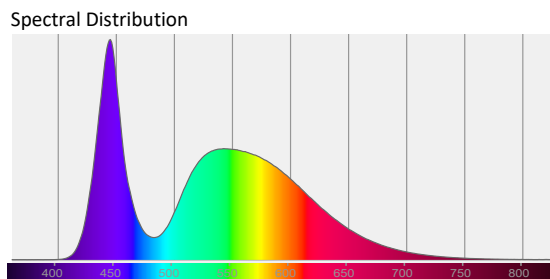
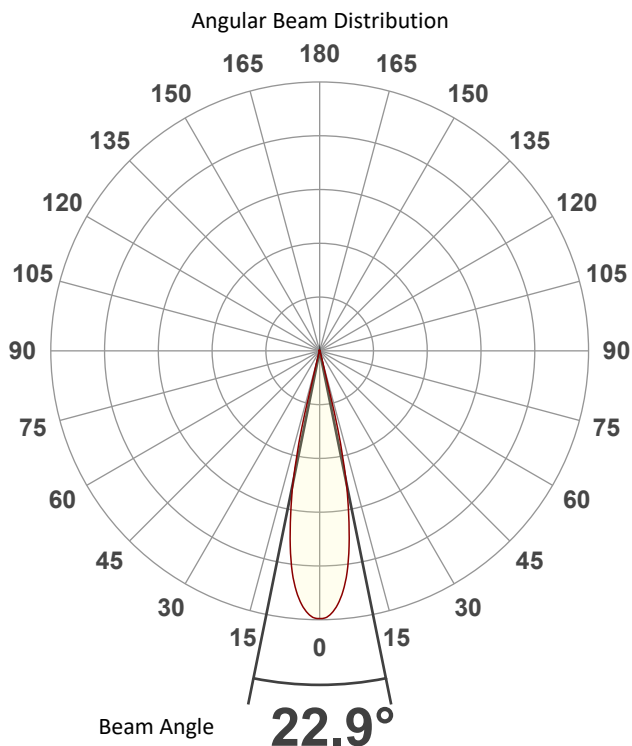


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

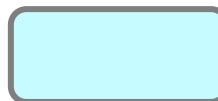
Overall Measurement



Tested Color (CIE 1931):

X: 0.308

Y: 0.328



Light Quality

CRI: 69.7

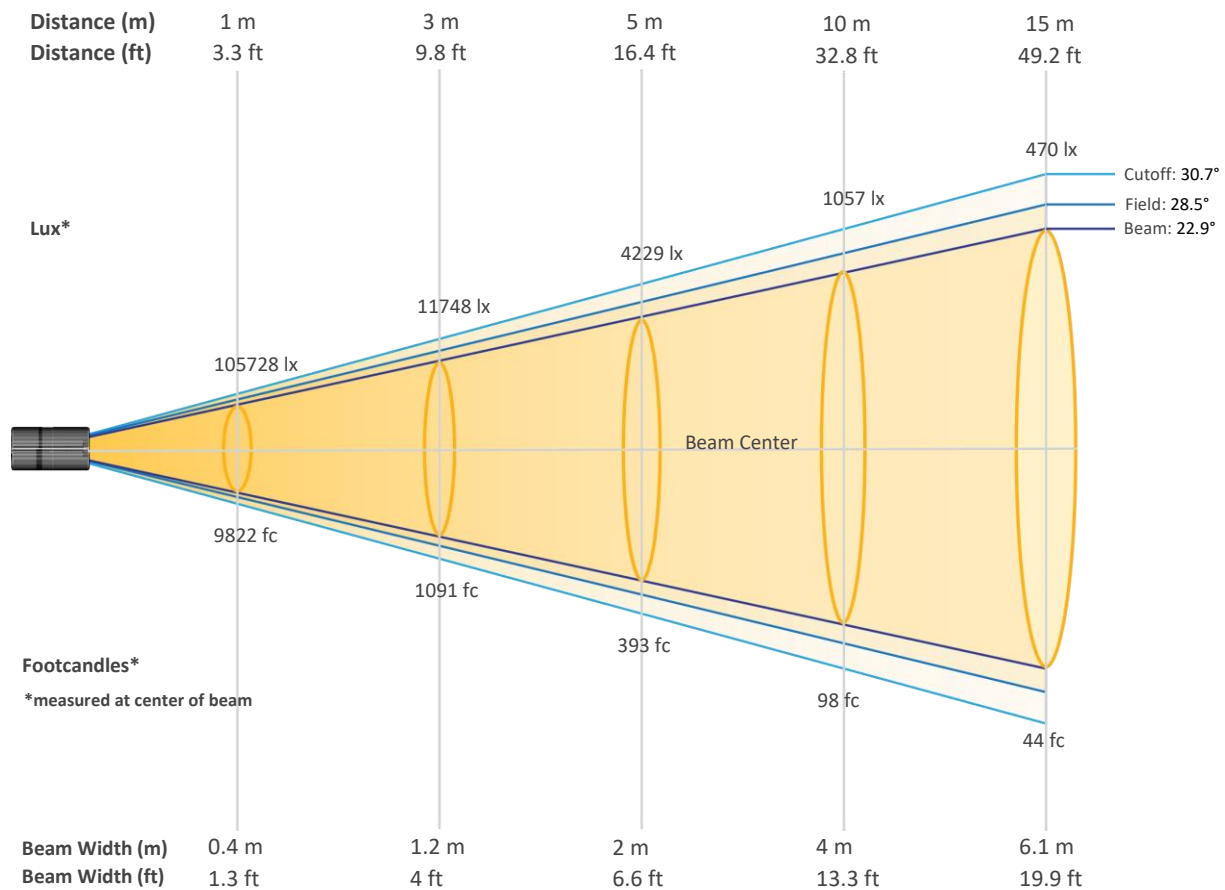
Color Temperature

6795 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-35

Beam Details

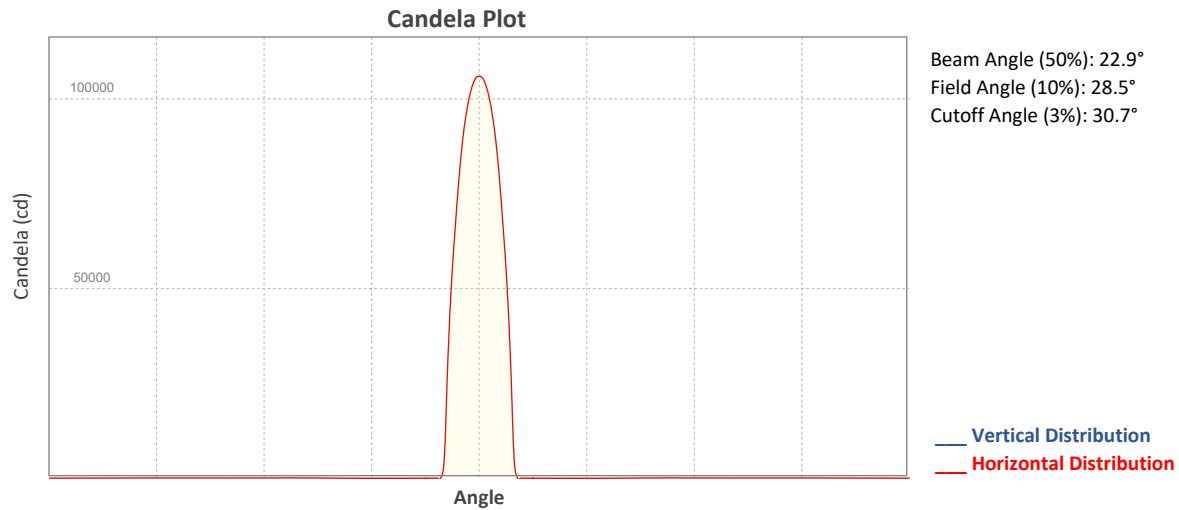


Beam Intensities from 1-20m (3.3-65.6ft)

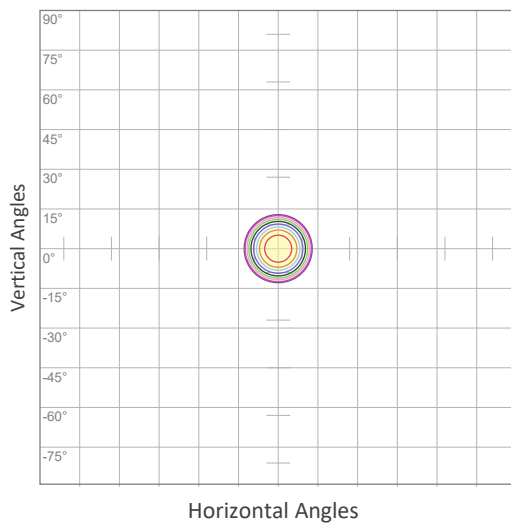
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	105728	26432	11748	6608	4229	2937	2158	1652	1305	1057
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	874	734	626	539	470	413	366	326	293	264
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9822	2456	1091	614	393	273	200	153	121	98
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	81	68	58	50	44	38	34	30	27	25

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-35



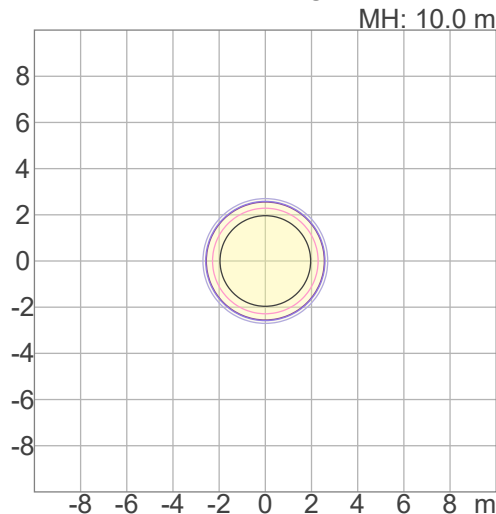
ISO Diagrams



ISO Candela Diagram

10%	10573 cd
20%	21146 cd
30%	31718 cd
40%	42291 cd
50%	52864 cd
60%	63437 cd
70%	74010 cd
80%	84582 cd
90%	95155 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 105728 cd



ISO Lux Diagram

3%	31.7 lx
5%	52.9 lx
10%	106 lx
30%	317 lx
50%	529 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1057 lx

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

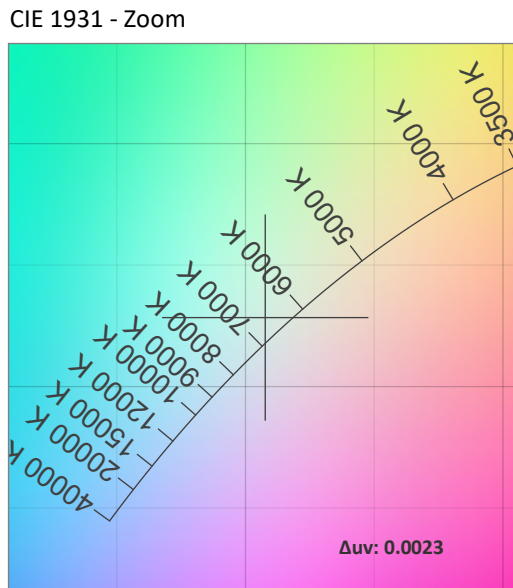
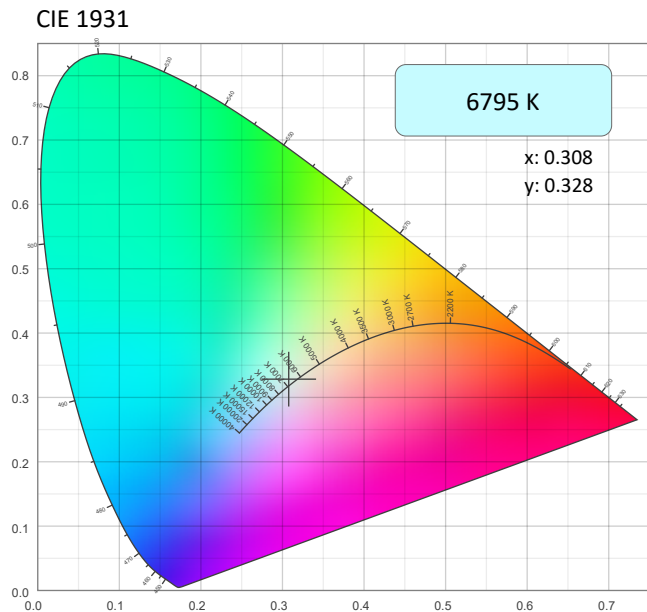
Mounting height: 10 meters / 33 feet



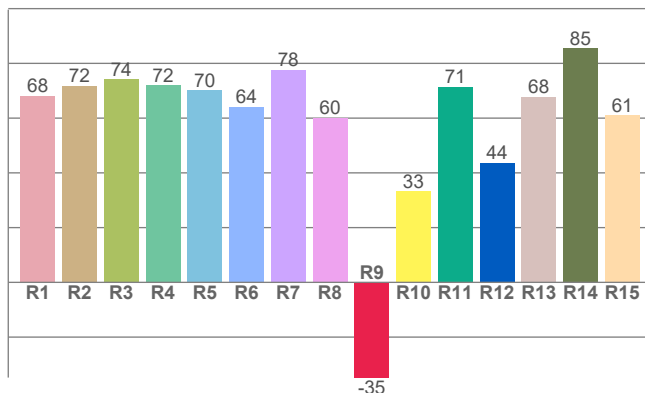
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-35

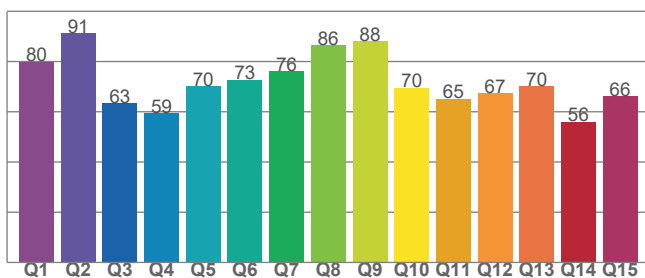
Chromaticity



CRI: 69.7 (R1-R8)



CQS: 70.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6795 K	0.308	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0023	0.328	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	-34.8	70.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.2	94.9

Photometric & Chromaticity Report

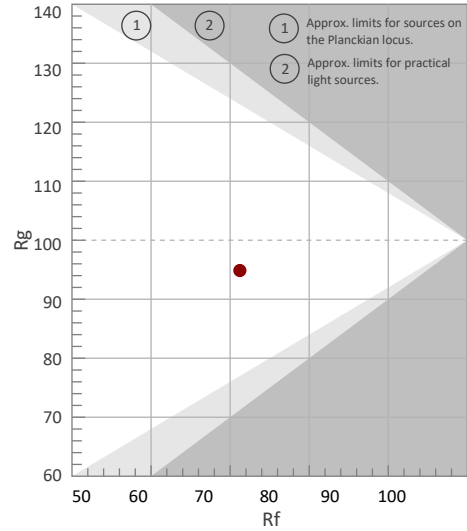
Maverick Storm 2 Profile: 50% Zoom - Full Power - Fan set to TV-35

TM-30 Details

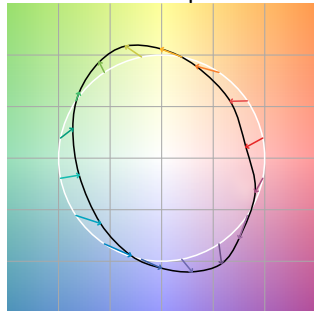
Rf 71.2
Fidelity Index
(Rg)

Rg 94.9
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	70	-14%	9%
3	65	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-1%
7	87	2%	-9%
8	75	-10%	-11%
9	79	-18%	1%
10	63	-16%	20%
11	50	-5%	28%
12	69	5%	20%
13	79	14%	7%
14	77	17%	-9%
15	70	6%	-23%
16	75	-5%	-14%



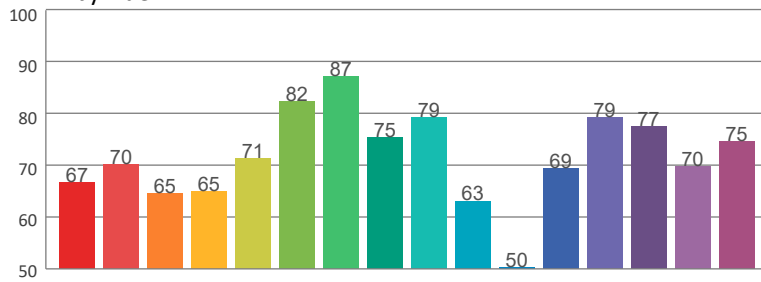
Color Vector Graphic



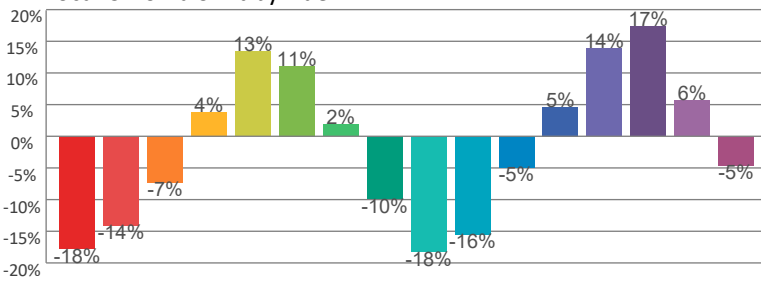
Color Distortion Graphic



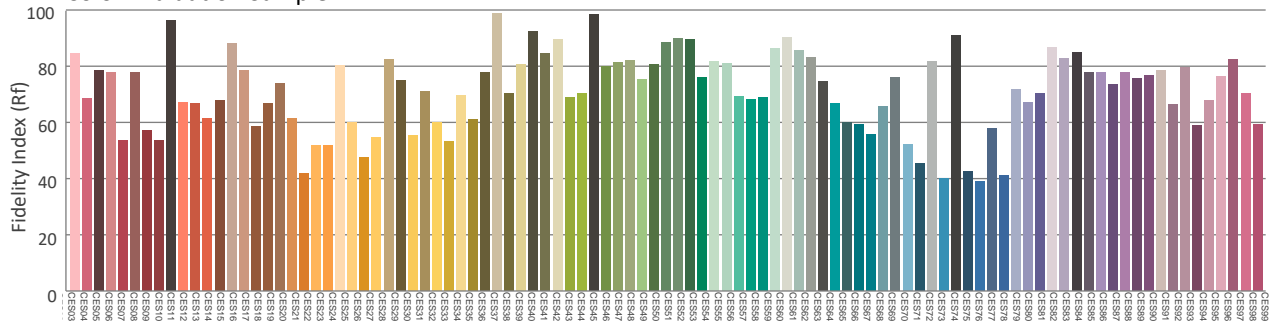
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 20644 lm
Fixture Peak: 163889 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6556 lux
Color Temperature: 6104 K
CRI: 89.1 CRI R9 Value: 31.0
CQS: 87.2
TLCI: 70
TM-30 Rf: 86.5
TM-30 Rg: 103.6
Beam Angle (50%): 22.8°
Field Angle (10%): 28.7°
Cutoff Angle (3%): 29.7°

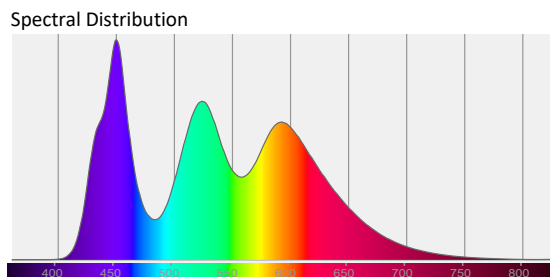
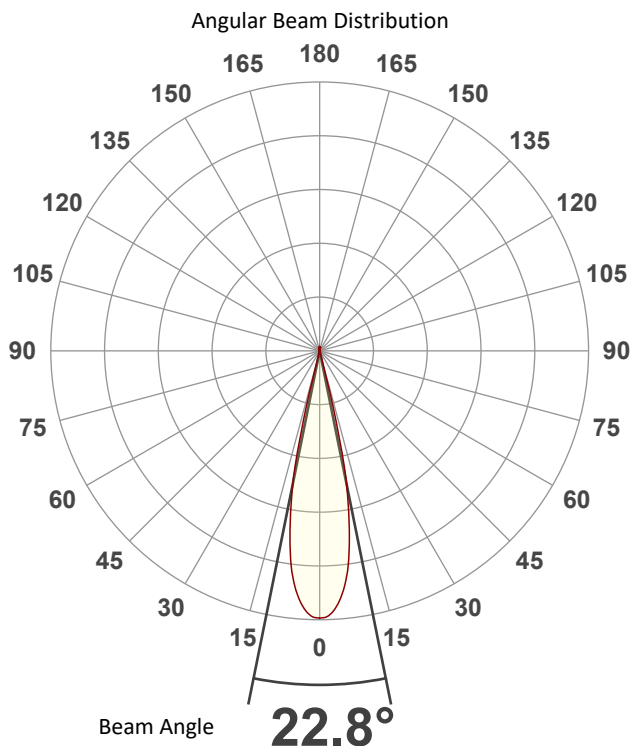


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

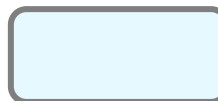
Overall Measurement



Tested Color (CIE 1931):

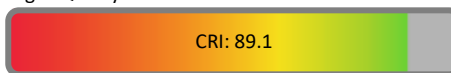
X: 0.321

Y: 0.326



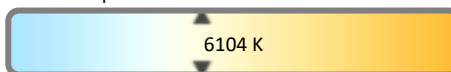
Light Quality

CRI: 89.1



Color Temperature

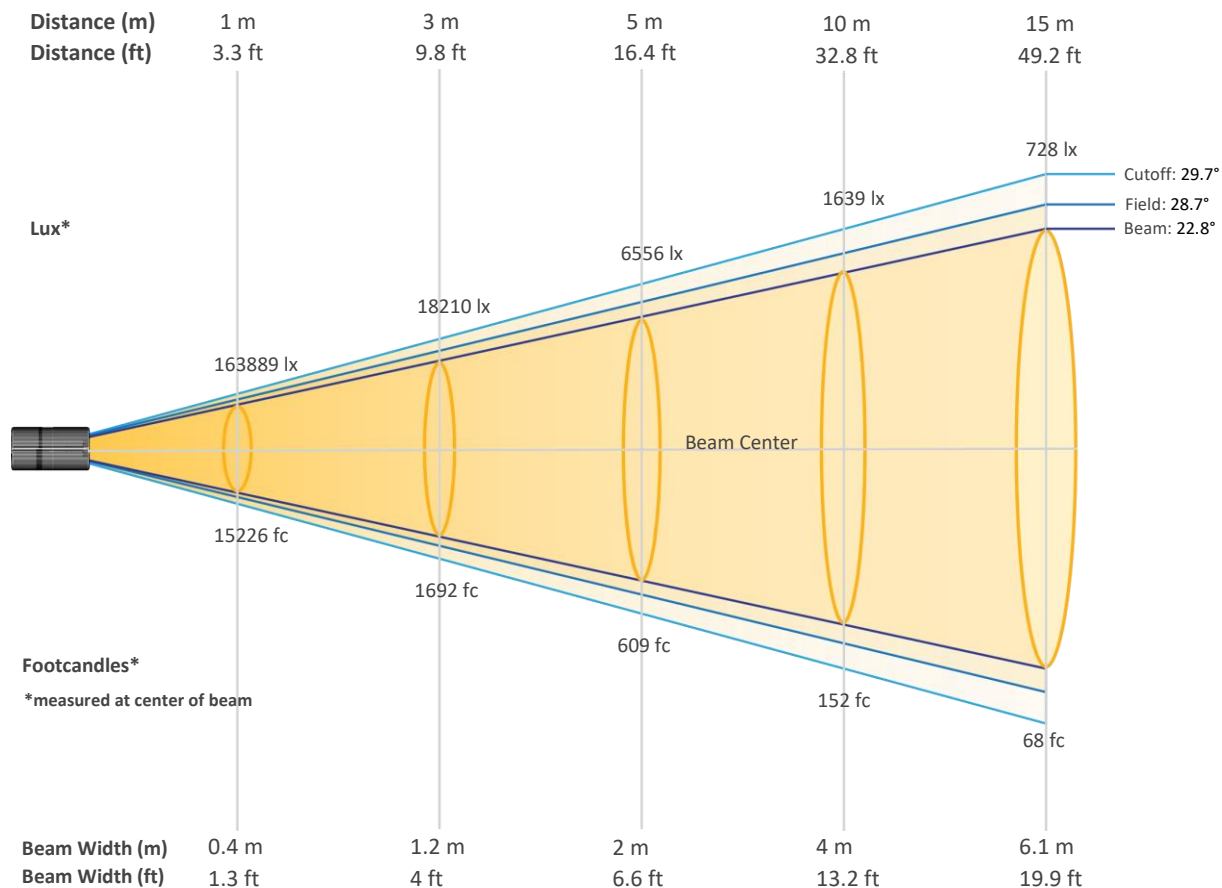
6104 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Full

Beam Details

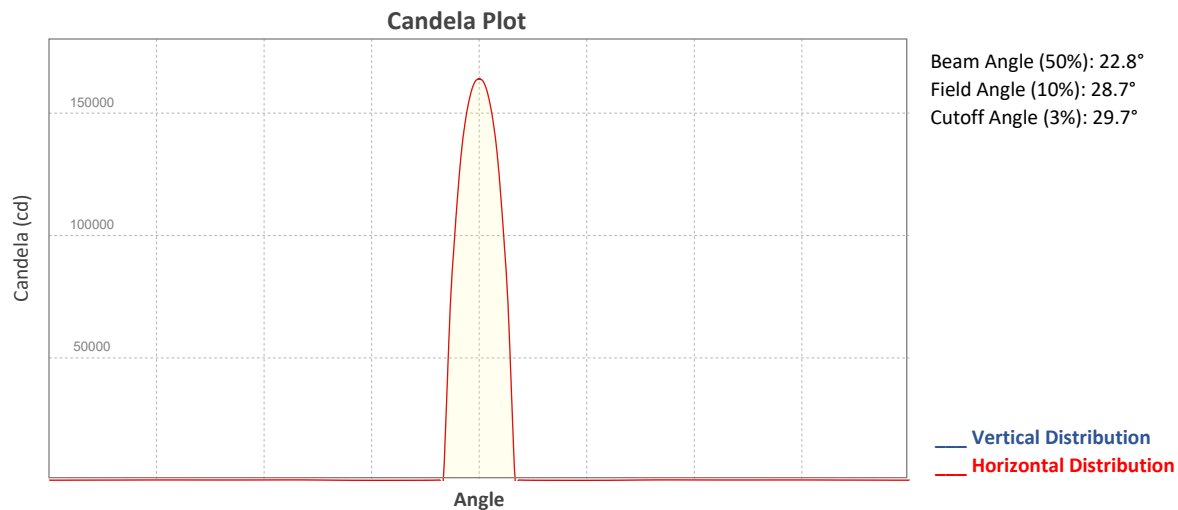


Beam Intensities from 1-20m (3.3-65.6ft)

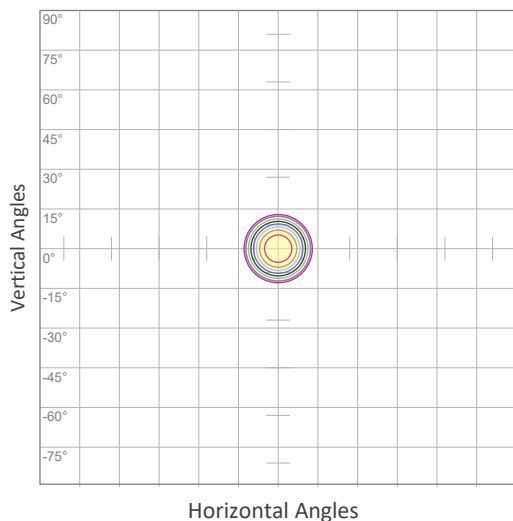
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	163889	40972	18210	10243	6556	4552	3345	2561	2023	1639
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1354	1138	970	836	728	640	567	506	454	410
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15226	3806	1692	952	609	423	311	238	188	152
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	126	106	90	78	68	59	53	47	42	38

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Full



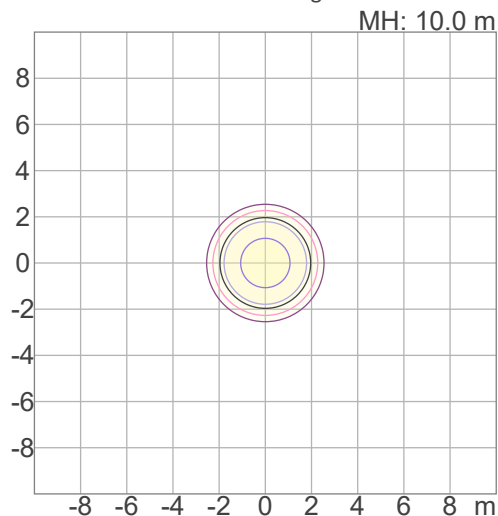
ISO Diagrams



ISO Candela Diagram

10%	16389 cd
20%	32778 cd
30%	49167 cd
40%	65556 cd
50%	81944 cd
60%	98333 cd
70%	114722 cd
80%	131111 cd
90%	147500 cd

Conditions:
Number of c-planes: 2
Candela at center: 163889 cd



ISO Lux Diagram

3%	49.2 lx
5%	81.9 lx
10%	164 lx
30%	492 lx
50%	819 lx

Conditions:
Number of c-planes: 2
Candela at center: 1639 lx

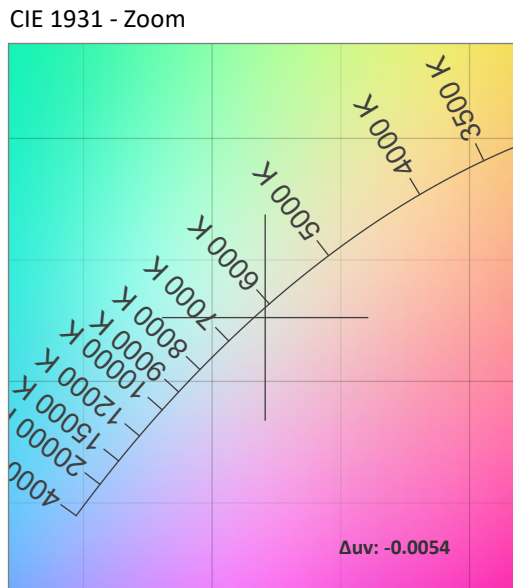
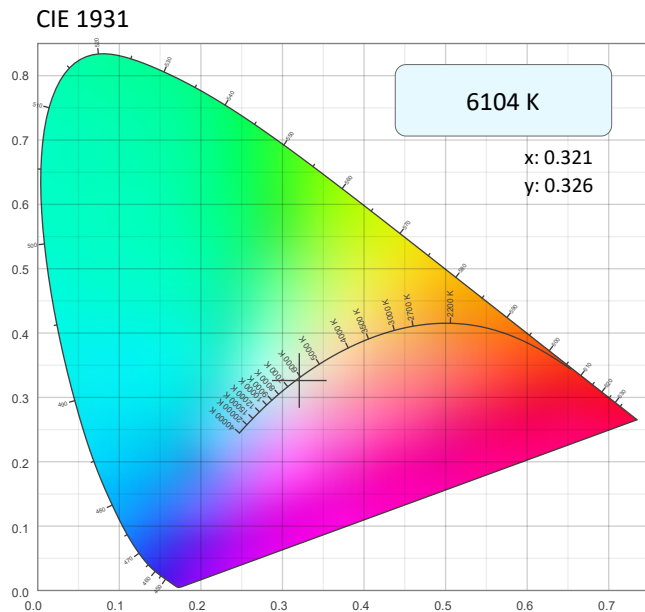
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

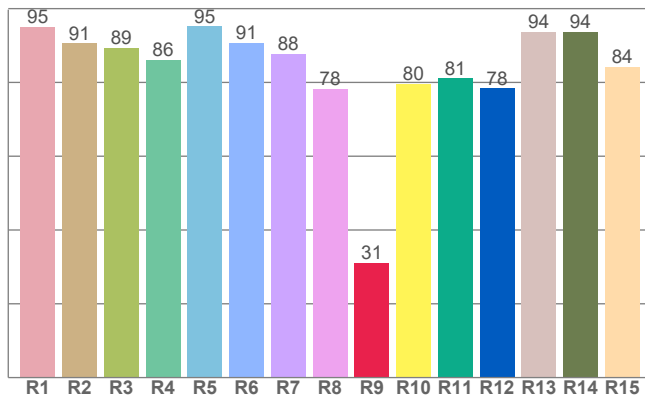
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Full

Chromaticity



CRI: 89.1 (R1-R8)

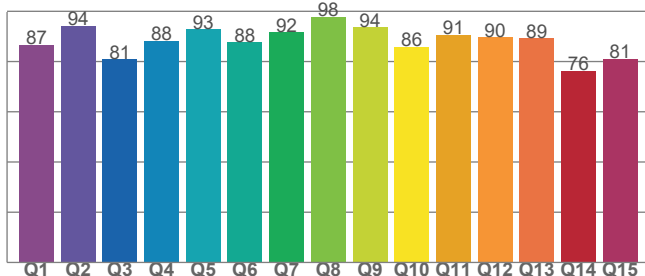


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6104 K	0.321	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0054	0.326	0.204

CQS: 87.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
89.1	31.0	87.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
70	86.5	103.6

Photometric & Chromaticity Report

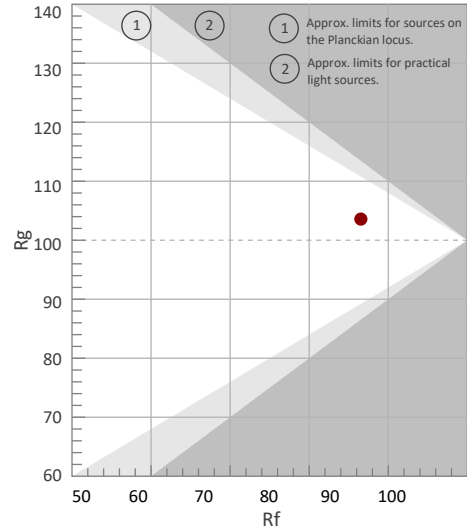
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Full

TM-30 Details

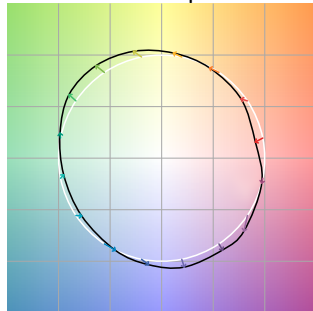
Rf 86.5
Fidelity Index (Rg)

Rg 103.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	85	-8%	-2%
2	90	-4%	5%
3	83	-1%	10%
4	86	2%	9%
5	85	7%	7%
6	85	10%	3%
7	87	9%	-1%
8	92	1%	-5%
9	94	-4%	-3%
10	90	-4%	4%
11	80	-1%	12%
12	87	4%	8%
13	89	8%	1%
14	88	7%	0%
15	83	6%	-14%
16	91	0%	-5%



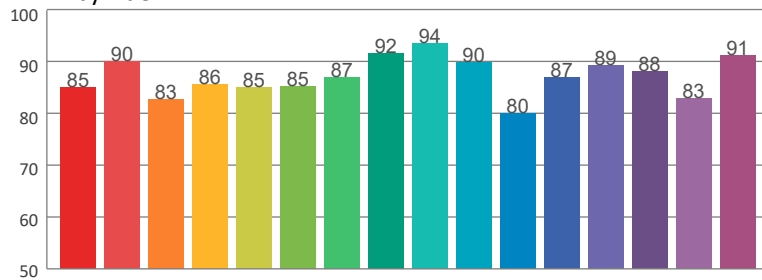
Color Vector Graphic



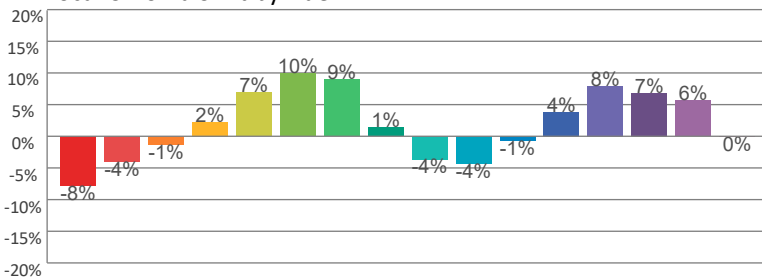
Color Distortion Graphic



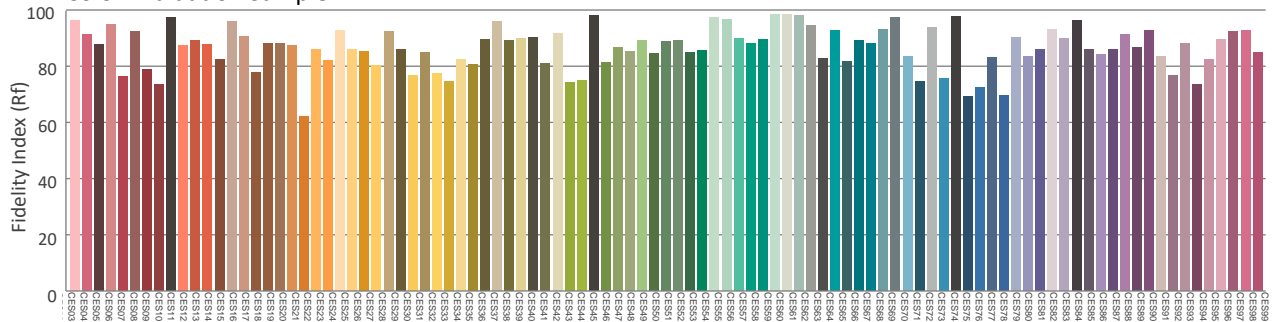
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 19483 lm
Fixture Peak: 154698 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6188 lux
Color Temperature: 6231 K
CRI: 90.2 CRI R9 Value: 35.5
CQS: 87.8
TLCI: 73
TM-30 Rf: 87.5
TM-30 Rg: 103.2
Beam Angle (50%): 22.8°
Field Angle (10%): 28.5°
Cutoff Angle (3%): 30.3°

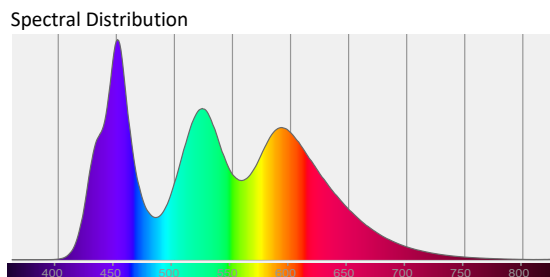
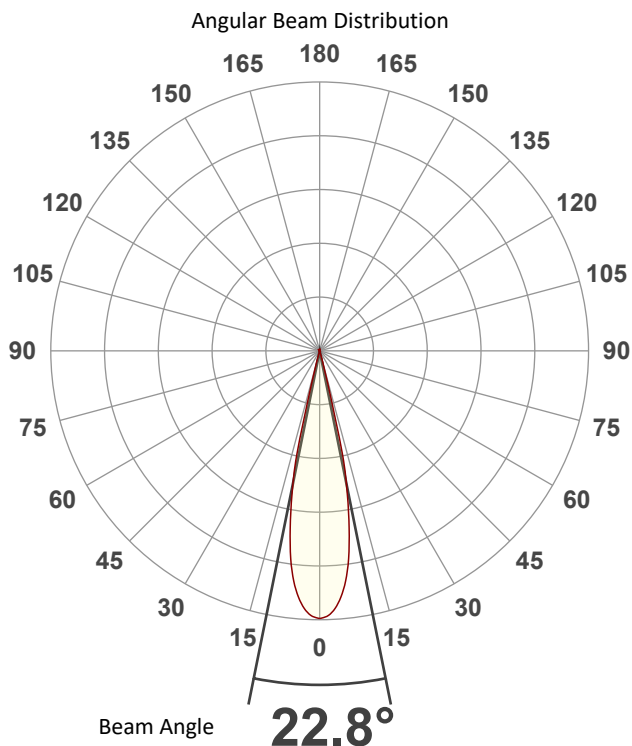


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

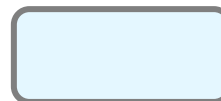
Overall Measurement



Tested Color (CIE 1931):

X: 0.319

Y: 0.323



Light Quality

CRI: 90.2

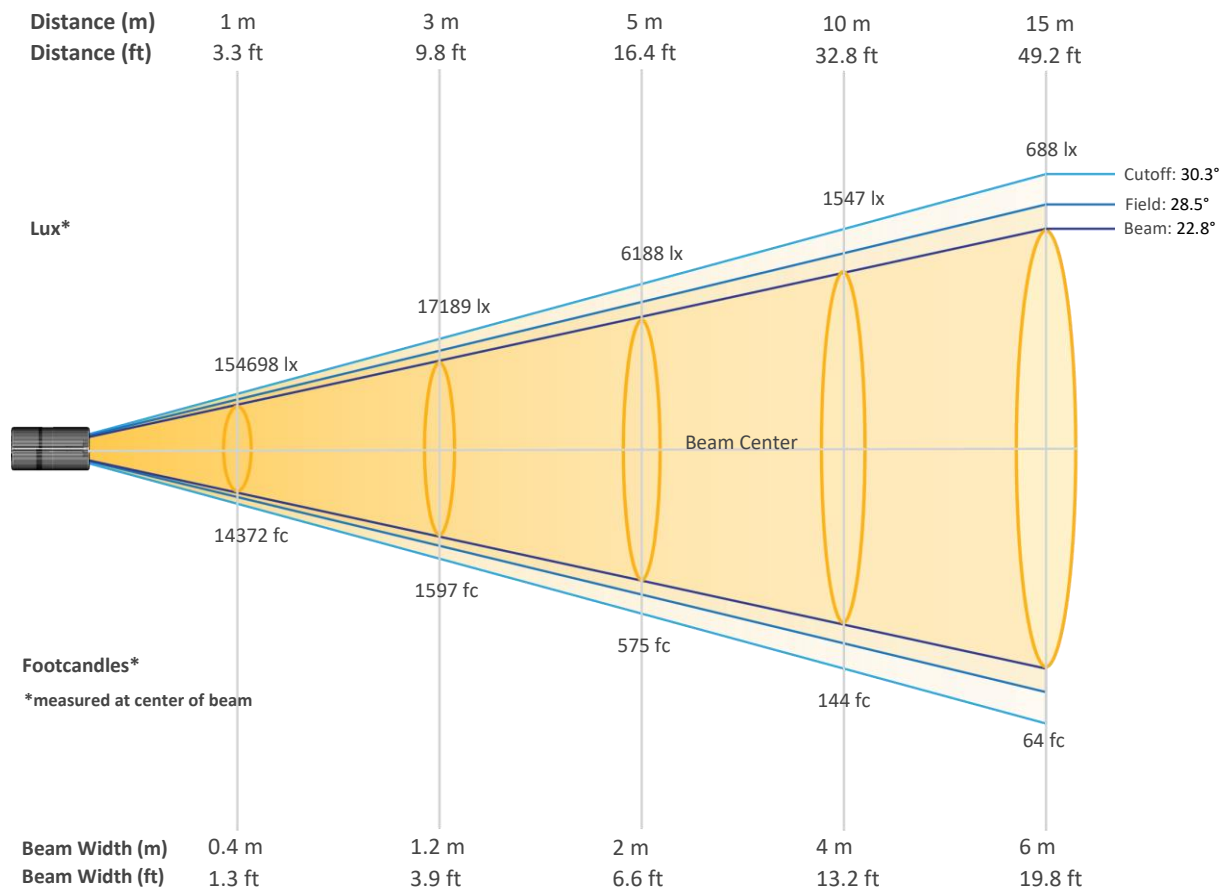
Color Temperature

6231 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Auto

Beam Details

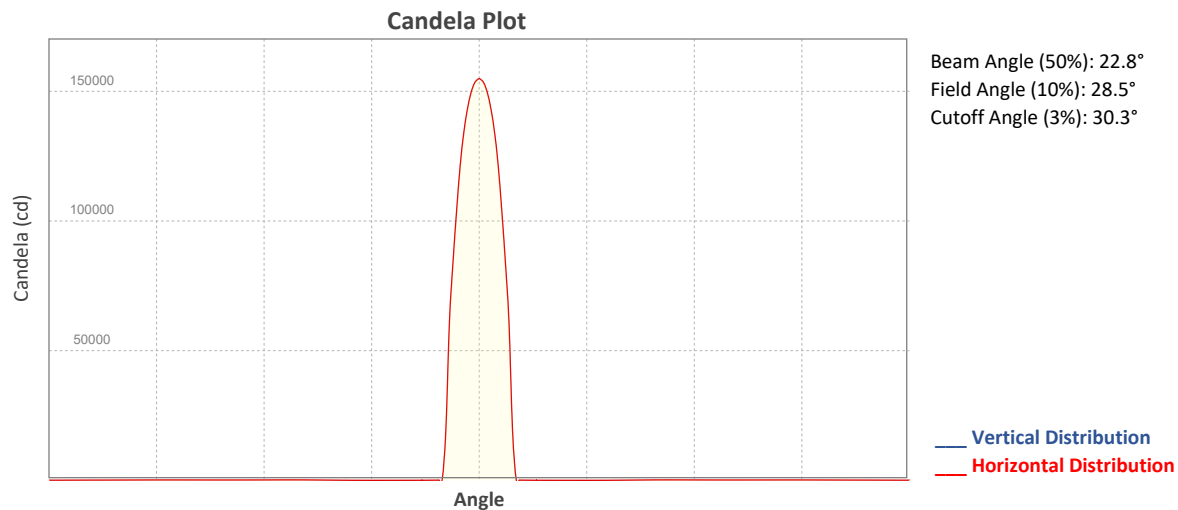


Beam Intensities from 1-20m (3.3-65.6ft)

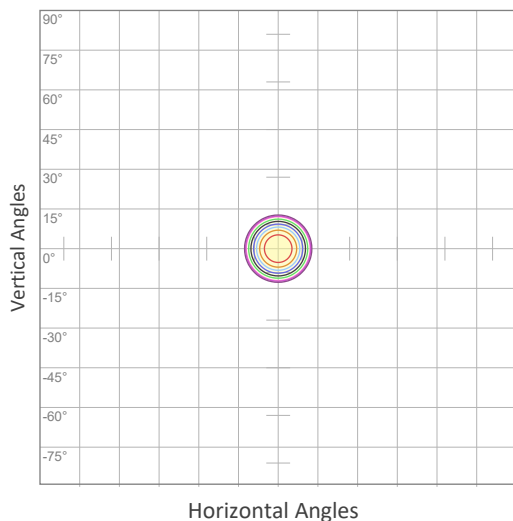
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	154698	38675	17189	9669	6188	4297	3157	2417	1910	1547
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1278	1074	915	789	688	604	535	477	429	387
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14372	3593	1597	898	575	399	293	225	177	144
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	119	100	85	73	64	56	50	44	40	36

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Auto



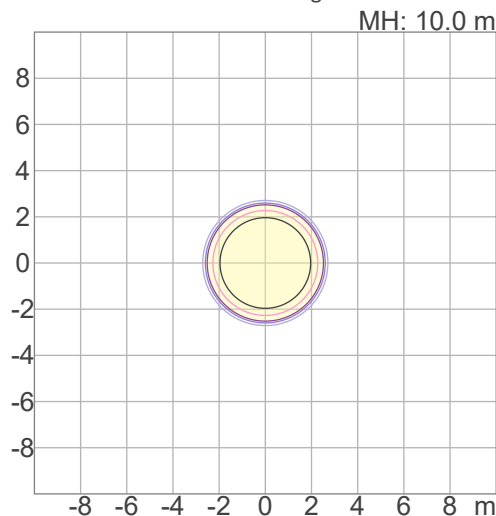
ISO Diagrams



ISO Candela Diagram

10%	15470 cd
20%	30940 cd
30%	46410 cd
40%	61879 cd
50%	77349 cd
60%	92819 cd
70%	108289 cd
80%	123759 cd
90%	139229 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 154698 cd



ISO Lux Diagram

3%	46.4 lx
5%	77.3 lx
10%	155 lx
30%	464 lx
50%	773 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1547 lx

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

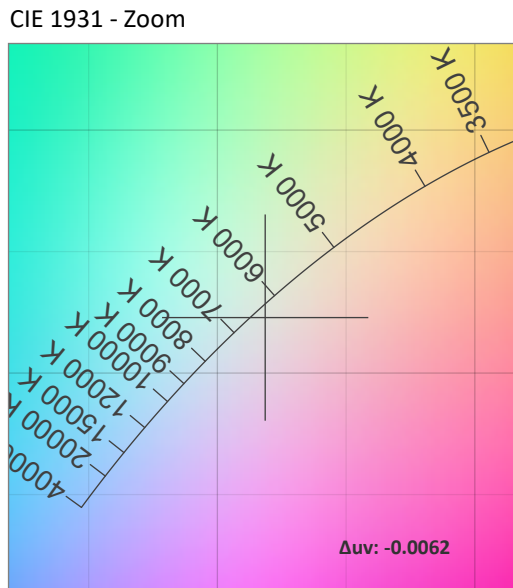
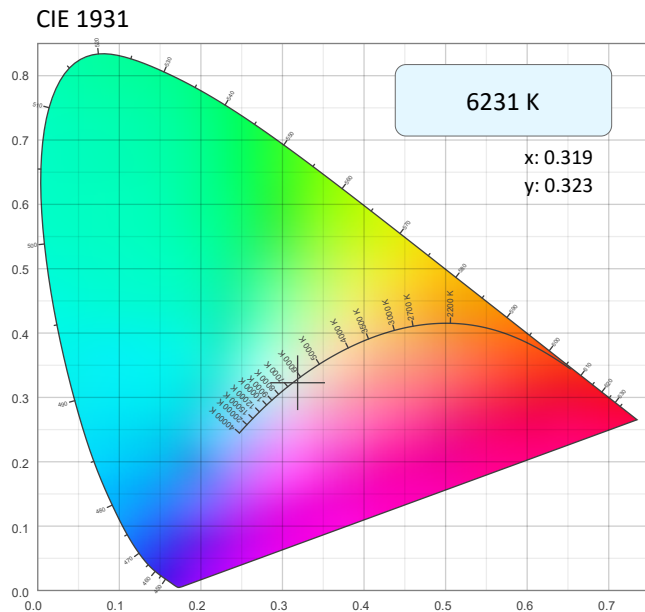
Mounting height: 10 meters / 33 feet



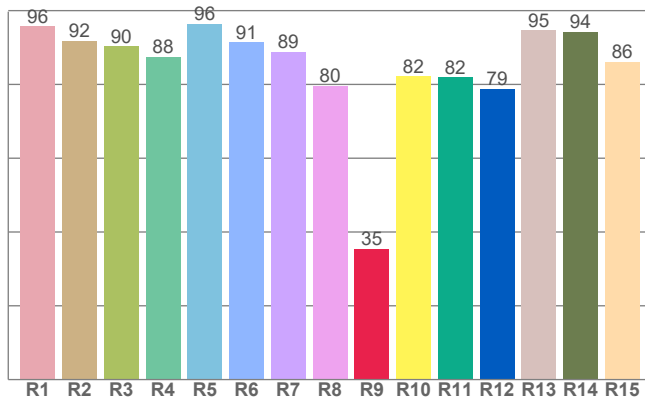
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Auto

Chromaticity



CRI: 90.2 (R1-R8)

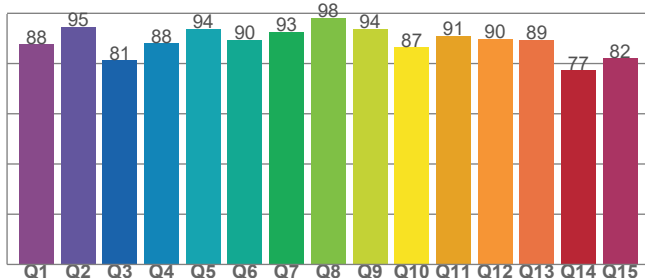


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6231 K	0.319	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0062	0.323	0.204

CQS: 87.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.2	35.5	87.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
73	87.5	103.2

Photometric & Chromaticity Report

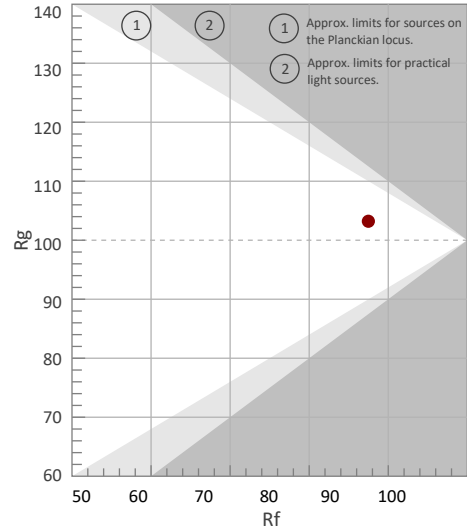
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Auto

TM-30 Details

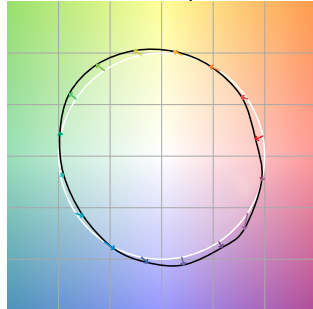
Rf 87.5
Fidelity Index (Rg)

Rg 103.2
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	86	-7%	-2%
2	90	-4%	5%
3	84	-1%	9%
4	87	2%	8%
5	87	6%	6%
6	87	9%	3%
7	88	8%	-1%
8	93	1%	-3%
9	94	-3%	-1%
10	87	-5%	6%
11	81	0%	12%
12	88	4%	7%
13	90	8%	0%
14	89	6%	0%
15	83	6%	-14%
16	92	0%	-4%



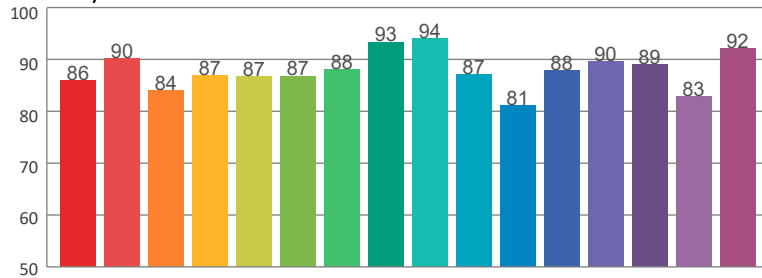
Color Vector Graphic



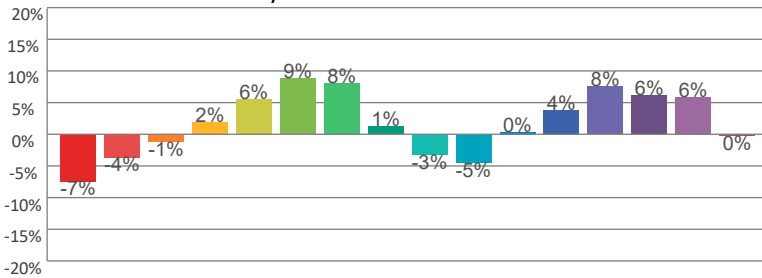
Color Distortion Graphic



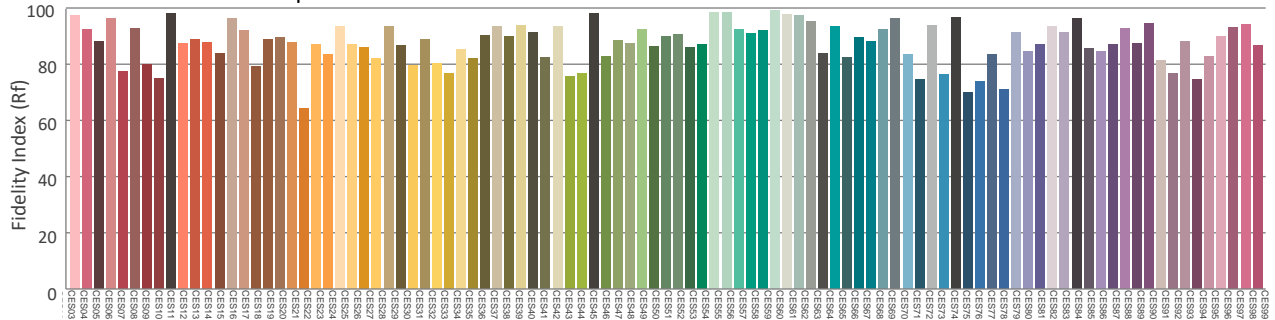
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Eco

Report Summary

Measurements

Fixture Output: 19444 lm
Fixture Peak: 153463 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6139 lux
Color Temperature: 6248 K
CRI: 90.3 CRI R9 Value: 36.0
CQS: 87.9
TLCI: 73
TM-30 Rf: 87.6
TM-30 Rg: 103.2
Beam Angle (50%): 22.8°
Field Angle (10%): 28.9°
Cutoff Angle (3%): 30.1°

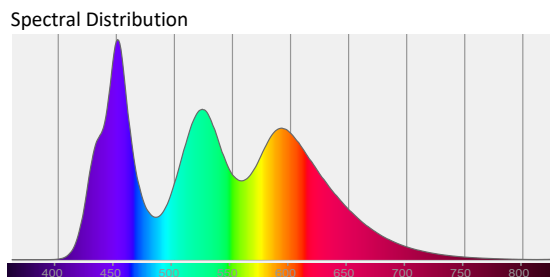
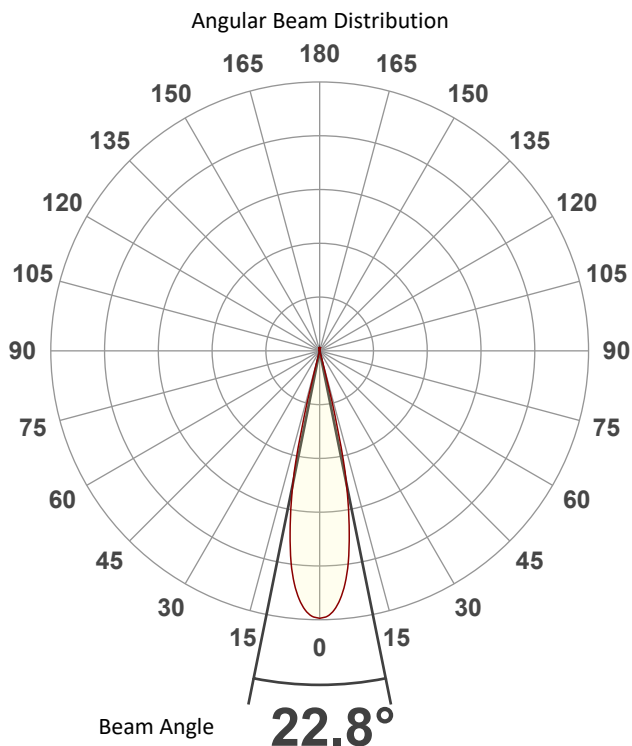


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

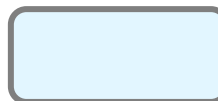
Overall Measurement



Tested Color (CIE 1931):

X: 0.318

Y: 0.322



Light Quality

CRI: 90.3

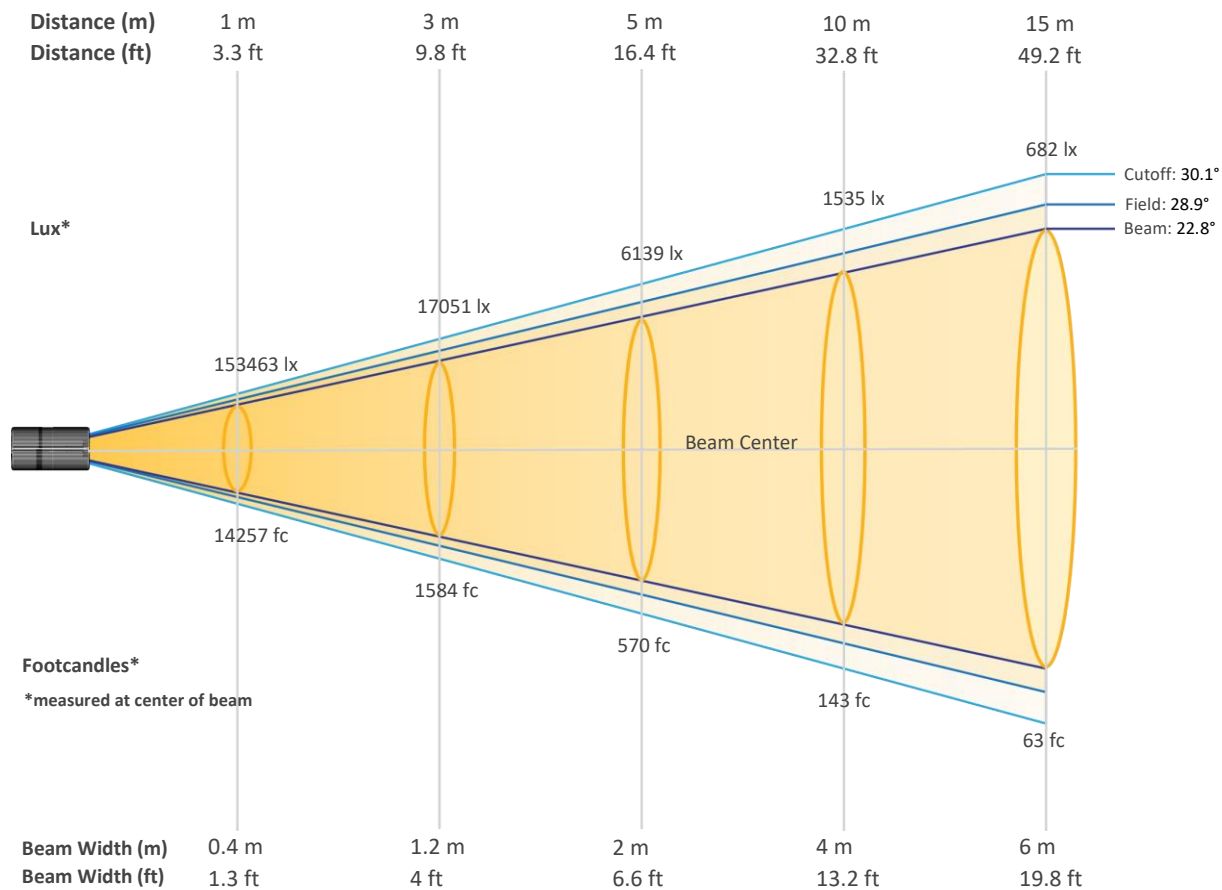
Color Temperature

6248 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Eco

Beam Details

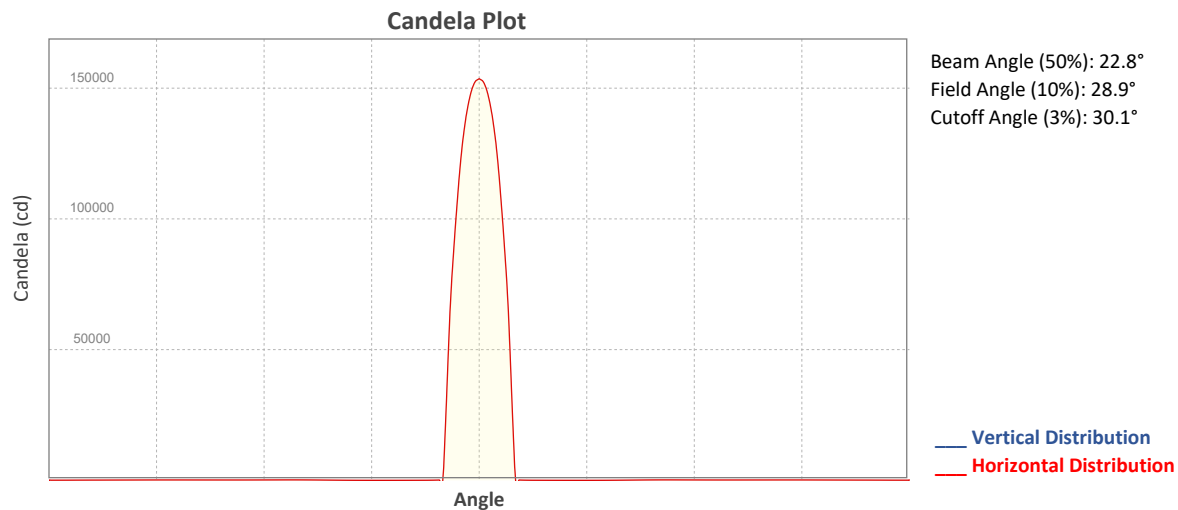


Beam Intensities from 1-20m (3.3-65.6ft)

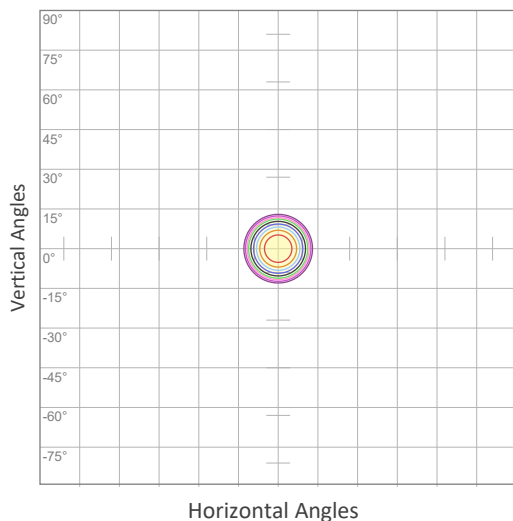
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	153463	38366	17051	9591	6139	4263	3132	2398	1895	1535
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1268	1066	908	783	682	599	531	474	425	384
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14257	3564	1584	891	570	396	291	223	176	143
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	118	99	84	73	63	56	49	44	39	36

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Eco



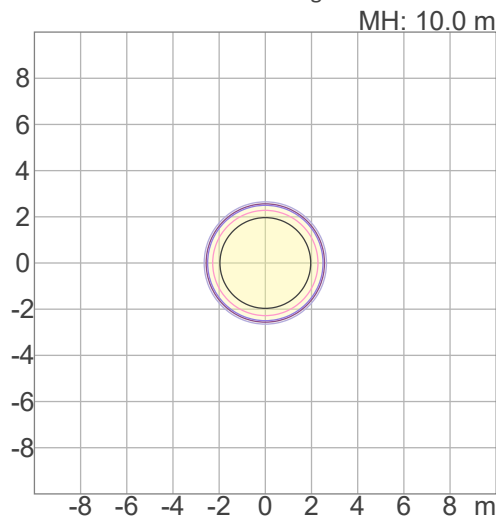
ISO Diagrams



ISO Candela Diagram

10%	15346 cd
20%	30693 cd
30%	46039 cd
40%	61385 cd
50%	76732 cd
60%	92078 cd
70%	107424 cd
80%	122771 cd
90%	138117 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 153463 cd



ISO Lux Diagram

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

Conditions:
 Number of c-planes: 2
 Candela at center: 1535 lx

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

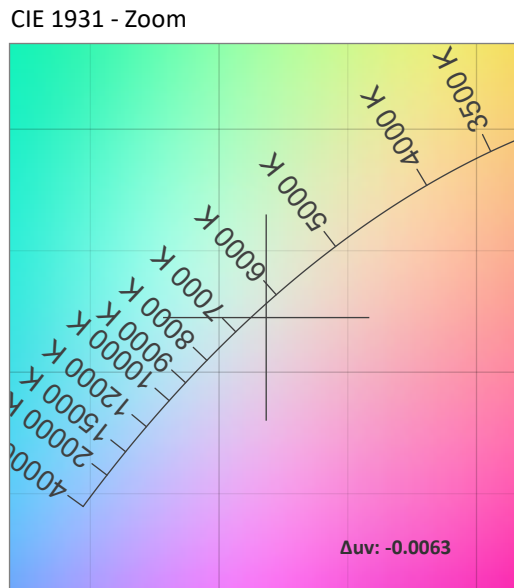
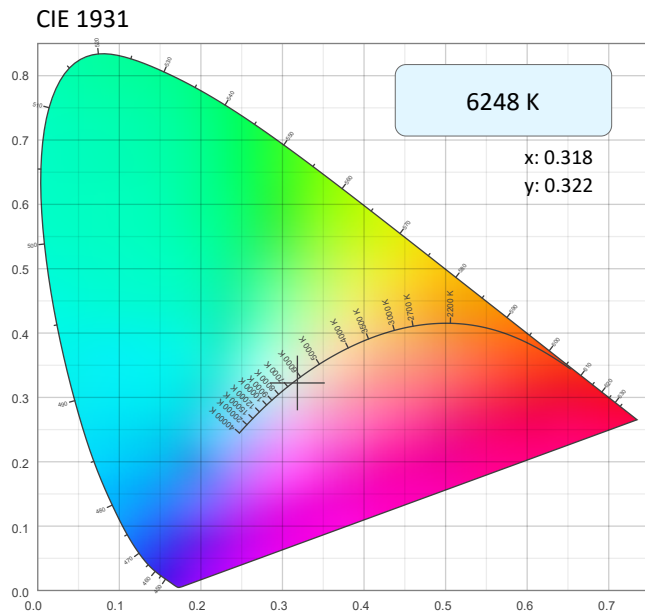
Mounting height: 10 meters / 33 feet



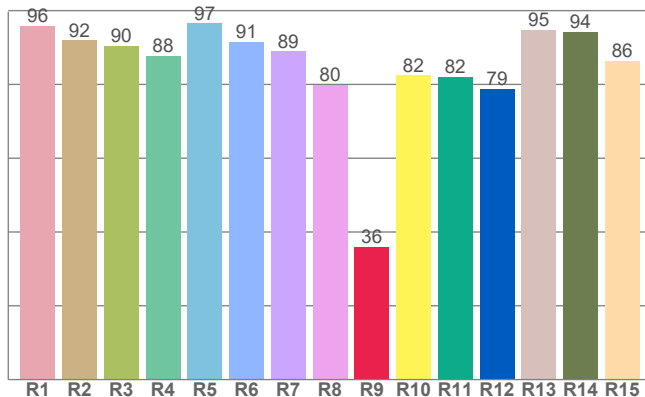
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Eco

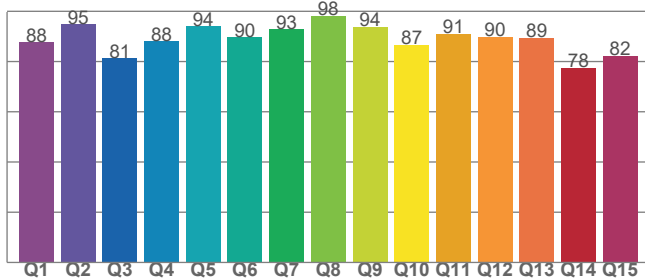
Chromaticity



CRI: 90.3 (R1-R8)



CQS: 87.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6248 K	0.318	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0063	0.322	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
90.3	36.0	87.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
73	87.6	103.2

Photometric & Chromaticity Report

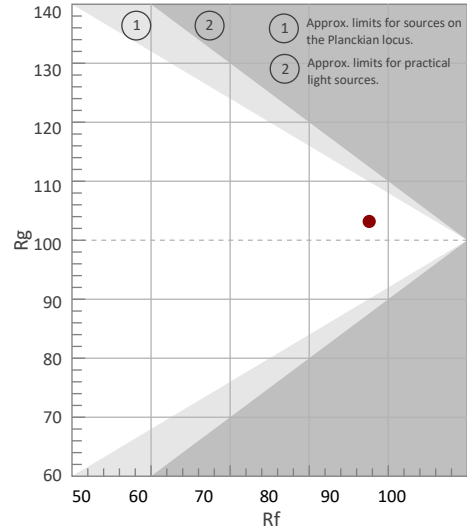
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to Eco

TM-30 Details

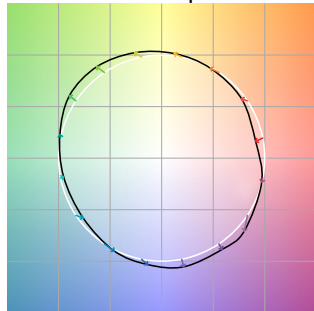
Rf 87.6
Fidelity Index (Rg)

Rg 103.2
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	86	-7%	-2%
2	90	-4%	5%
3	84	-1%	9%
4	87	2%	8%
5	87	5%	6%
6	87	9%	3%
7	88	8%	-1%
8	94	1%	-3%
9	94	-3%	-1%
10	87	-4%	6%
11	81	0%	12%
12	88	4%	7%
13	90	8%	0%
14	89	6%	0%
15	83	6%	-14%
16	92	0%	-4%



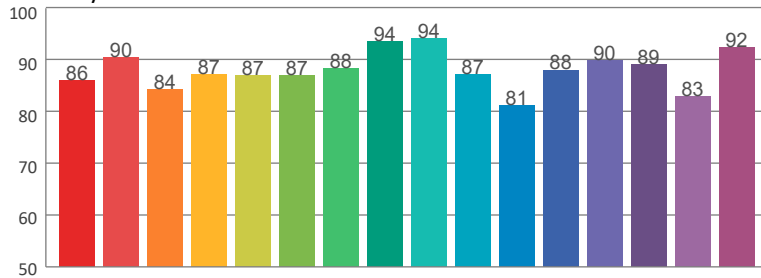
Color Vector Graphic



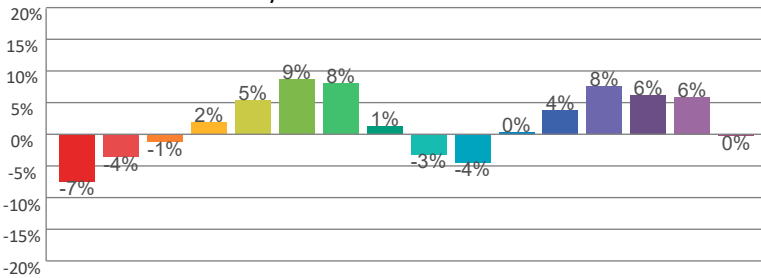
Color Distortion Graphic



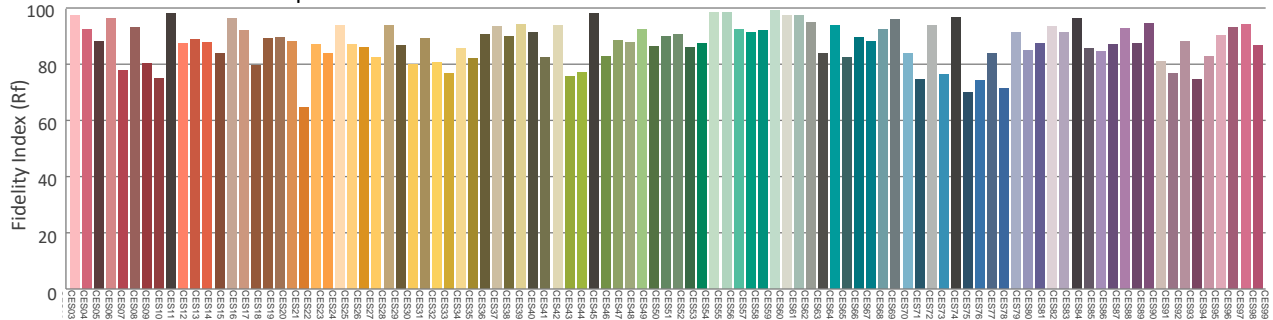
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 14072 lm
Fixture Peak: 111799 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4472 lux
Color Temperature: 6016 K
CRI: 88.5 CRI R9 Value: 27.8
CQS: 86.9
TLCI: 69
TM-30 Rf: 86.1
TM-30 Rg: 103.6
Beam Angle (50%): 22.8°
Field Angle (10%): 28.7°
Cutoff Angle (3%): 30.3°

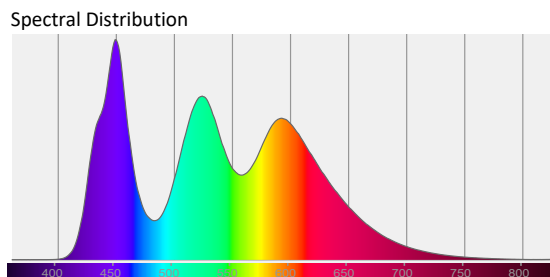
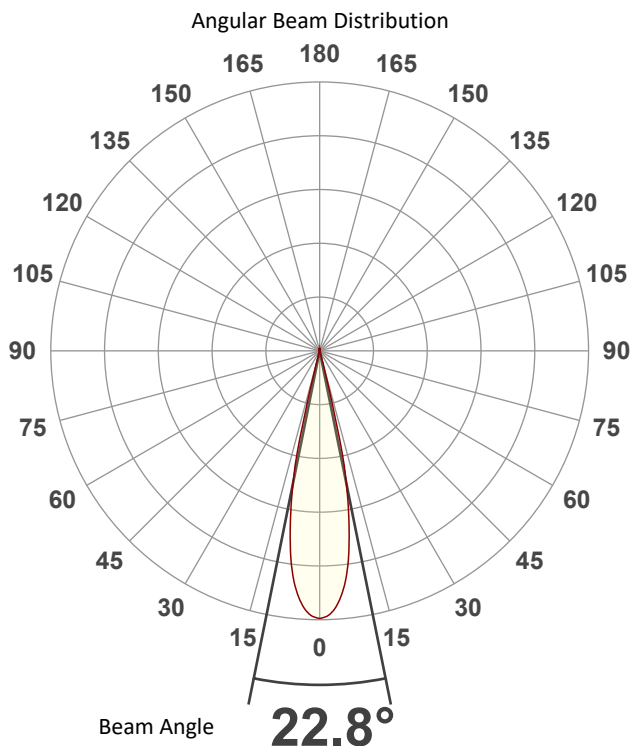


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

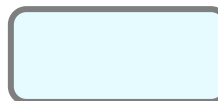
Overall Measurement



Tested Color (CIE 1931):

X: 0.322

Y: 0.329



Light Quality

CRI: 88.5

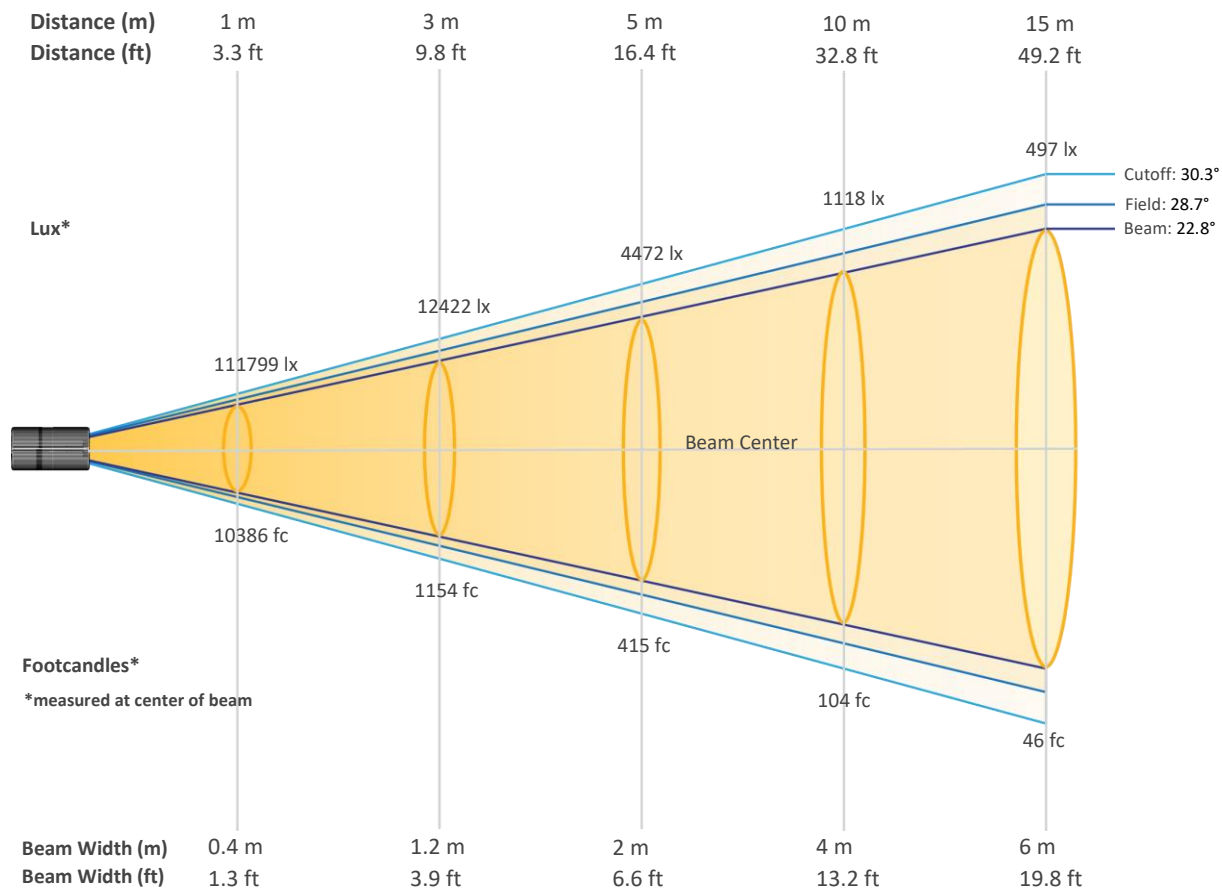
Color Temperature

6016 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-25

Beam Details

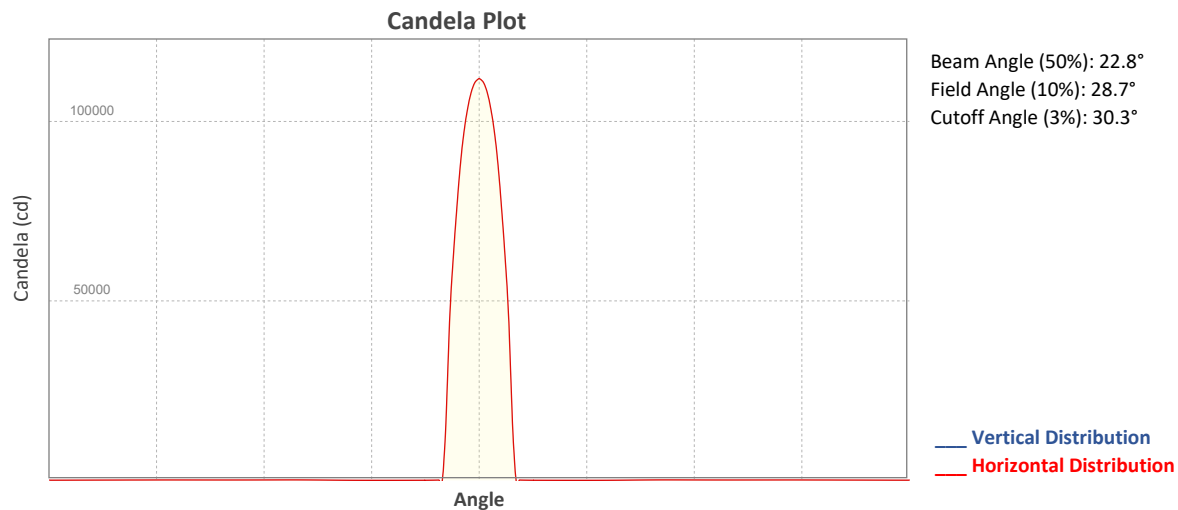


Beam Intensities from 1-20m (3.3-65.6ft)

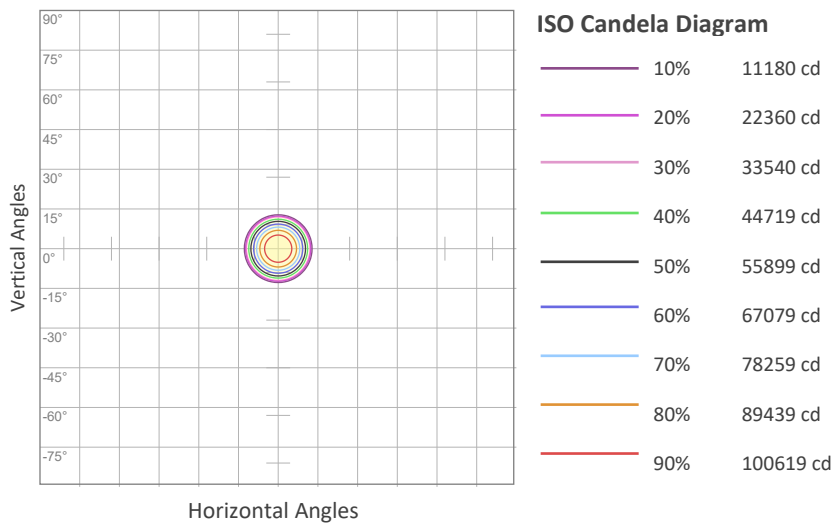
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	111799	27950	12422	6987	4472	3106	2282	1747	1380	1118
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	924	776	662	570	497	437	387	345	310	279
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10386	2597	1154	649	415	289	212	162	128	104
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	86	72	61	53	46	41	36	32	29	26

Photometric & Chromaticity Report

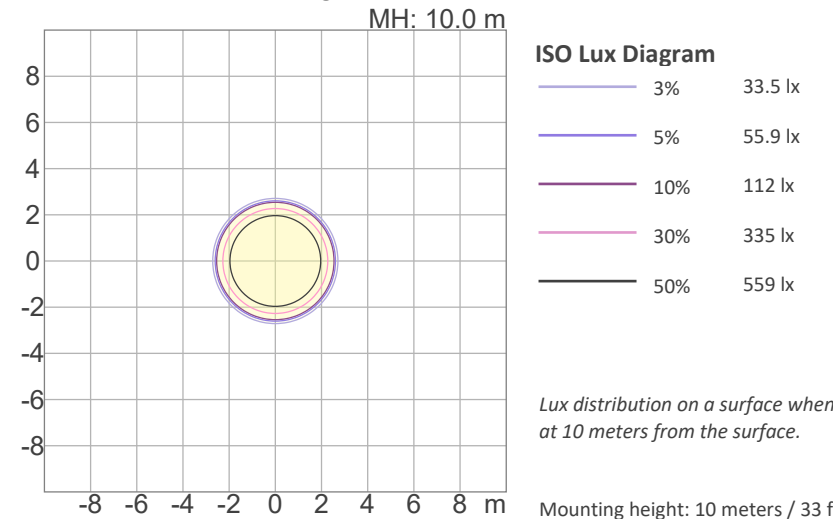
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-25



ISO Diagrams



Conditions:
 Number of c-planes: 2
 Candela at center: 111799 cd



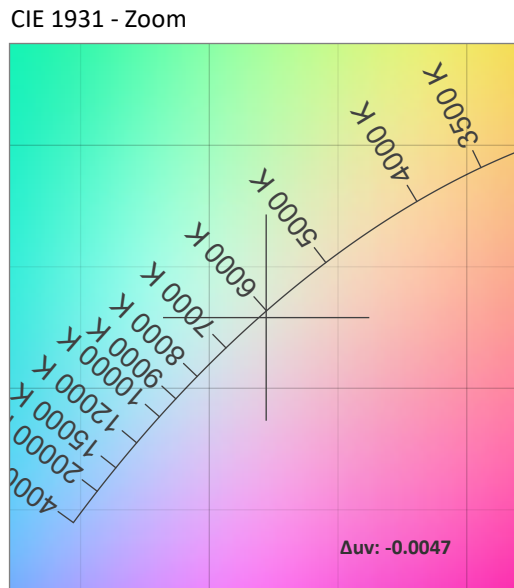
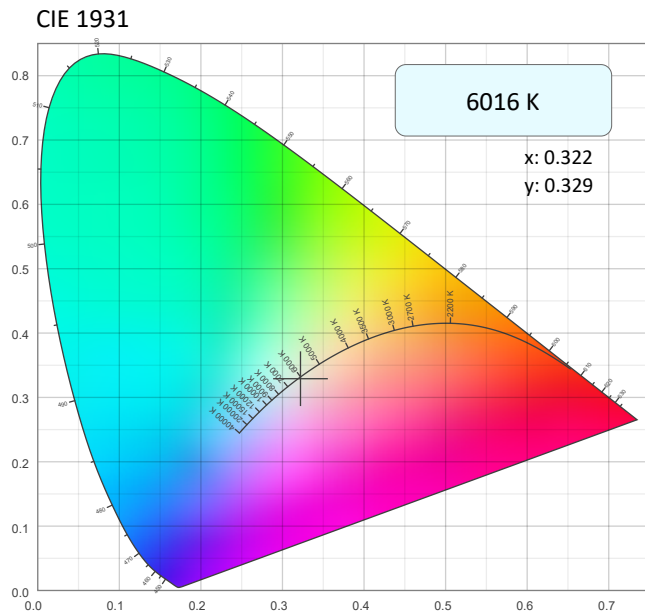
Conditions:
 Number of c-planes: 2
 Candela at center: 1118 lx



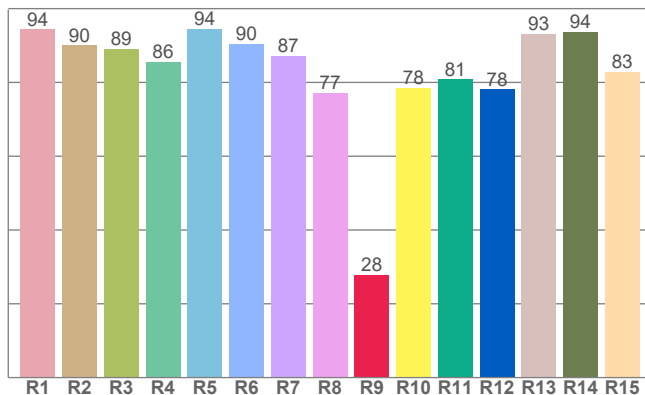
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-25

Chromaticity



CRI: 88.5 (R1-R8)

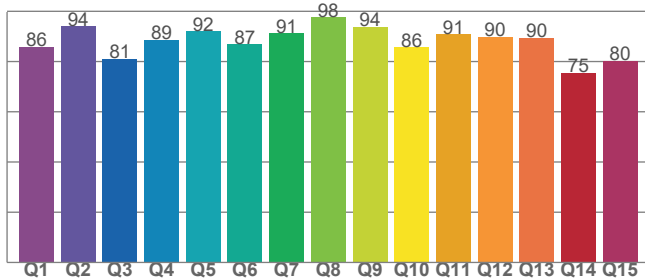


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6016 K	0.322	0.329

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0047	0.329	0.204

CQS: 86.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.5	27.8	86.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
69	86.1	103.6

Photometric & Chromaticity Report

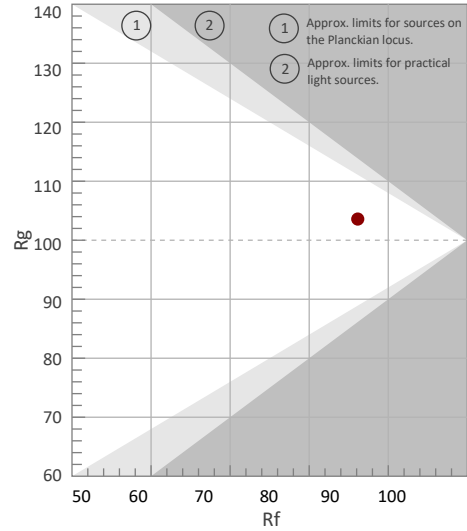
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-25

TM-30 Details

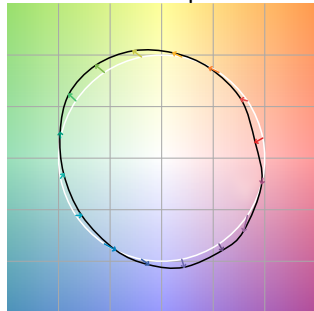
Rf 86.1
Fidelity Index (Rg)

Rg 103.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	84	-8%	-3%
2	90	-4%	5%
3	82	-2%	10%
4	85	2%	9%
5	84	8%	7%
6	85	10%	3%
7	86	9%	-2%
8	90	1%	-5%
9	93	-4%	-4%
10	90	-5%	3%
11	80	-1%	12%
12	87	4%	8%
13	89	8%	1%
14	88	7%	-1%
15	83	5%	-15%
16	91	0%	-5%



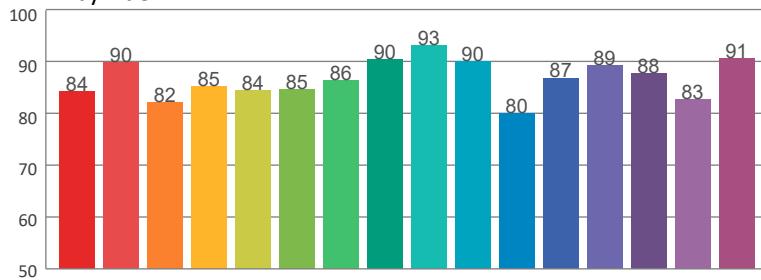
Color Vector Graphic



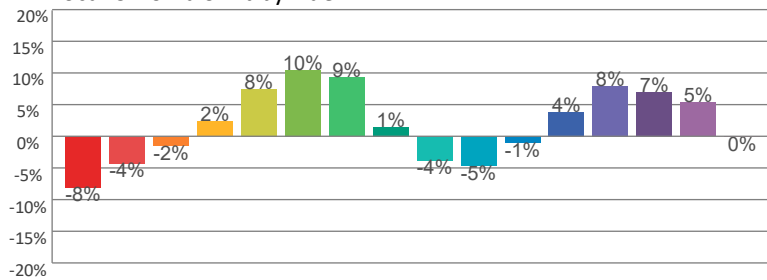
Color Distortion Graphic



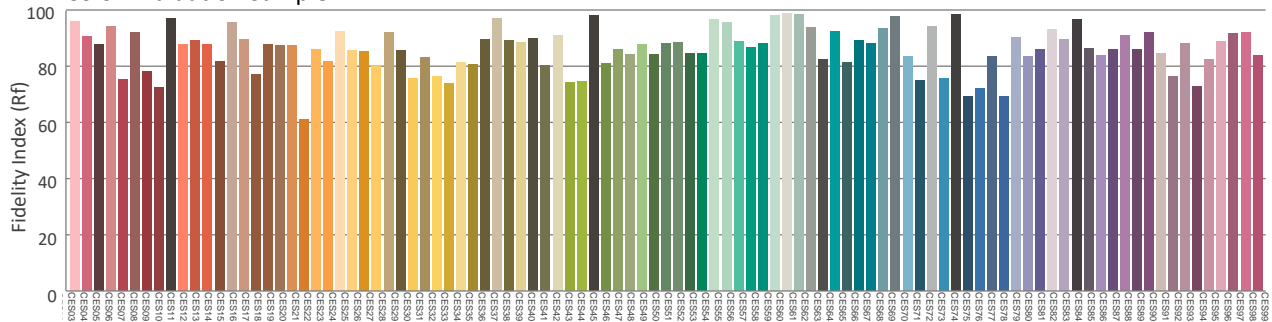
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 9511 lm
Fixture Peak: 76184 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3047 lux
Color Temperature: 5934 K
CRI: 87.8 CRI R9 Value: 23.9
CQS: 86.5
TLCI: 67
TM-30 Rf: 85.6
TM-30 Rg: 103.6
Beam Angle (50%): 22.4°
Field Angle (10%): 28.3°
Cutoff Angle (3%): 31.1°

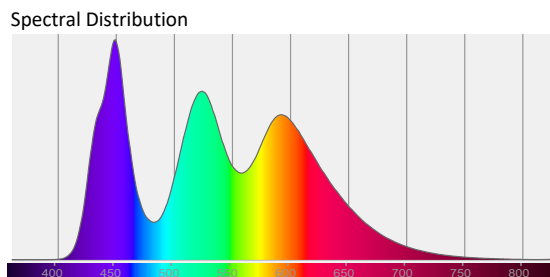
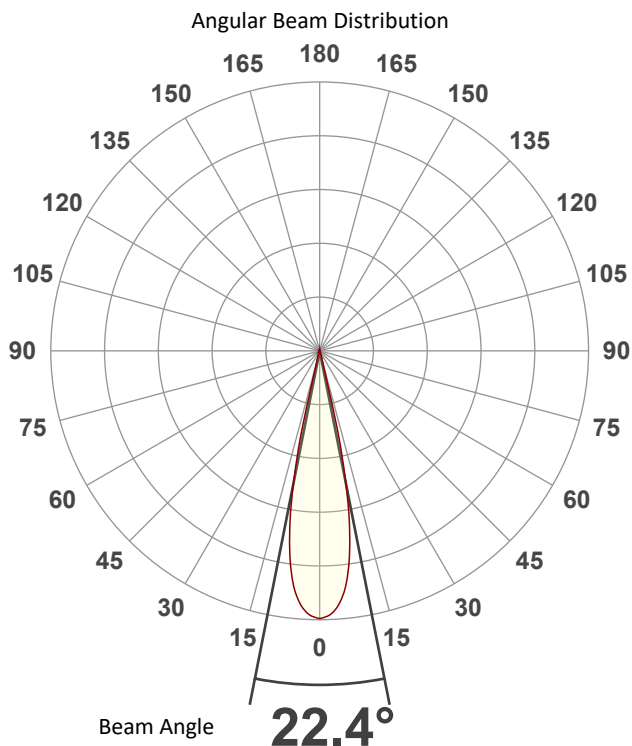


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

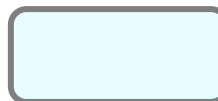
Overall Measurement



Tested Color (CIE 1931):

X: 0.324

Y: 0.332



Light Quality

CRI: 87.8

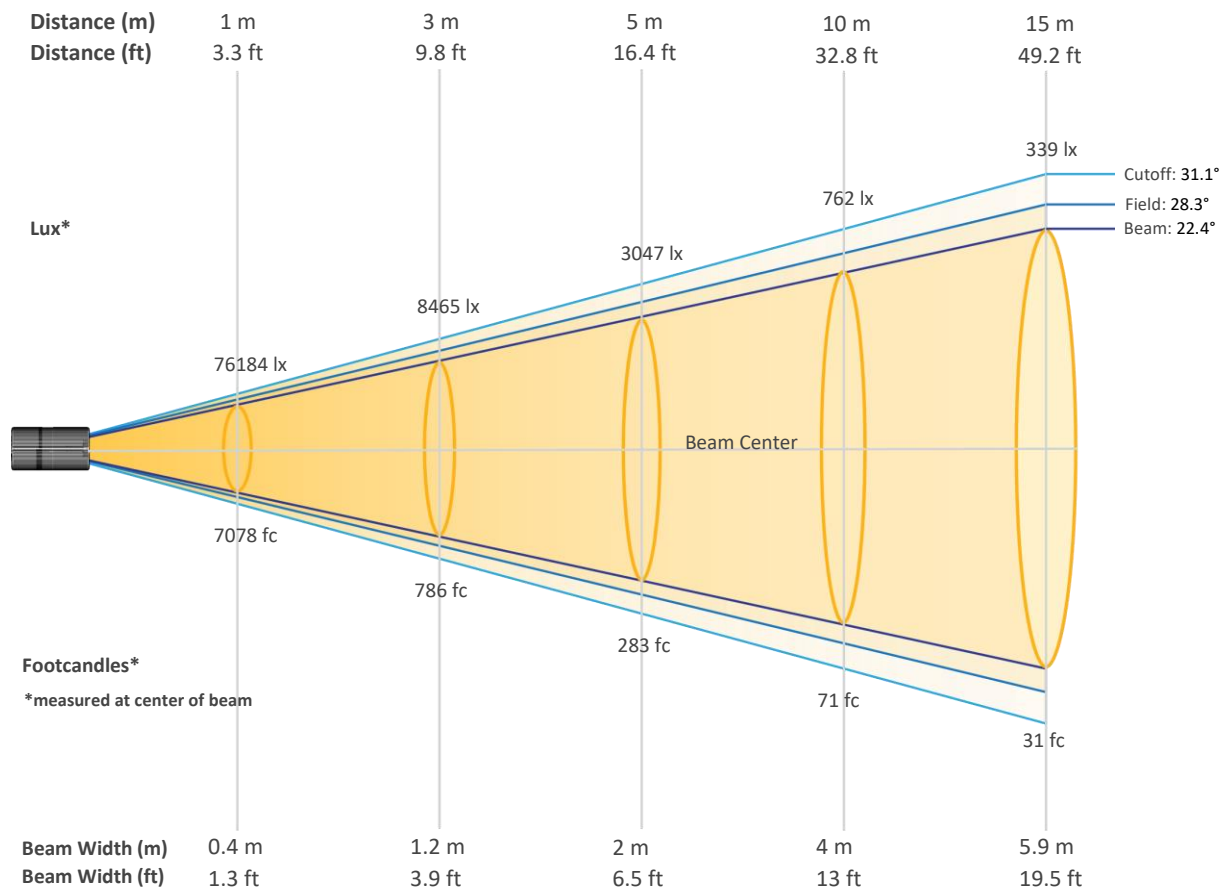
Color Temperature

5934 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-35

Beam Details

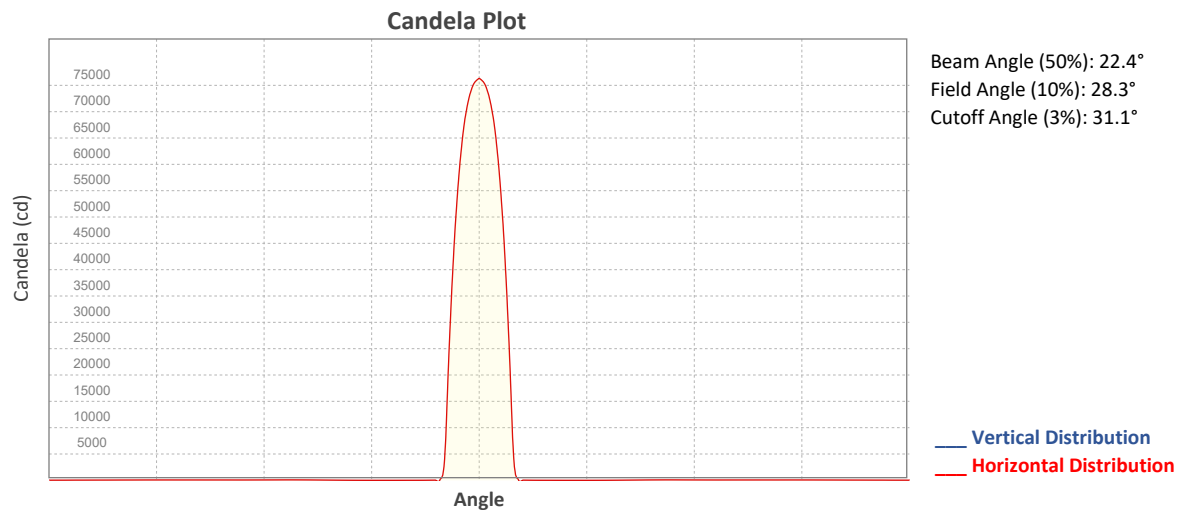


Beam Intensities from 1-20m (3.3-65.6ft)

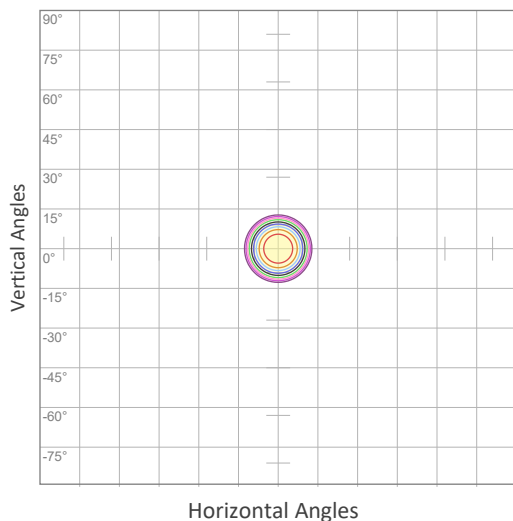
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	76184	19046	8465	4761	3047	2116	1555	1190	941	762
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	630	529	451	389	339	298	264	235	211	190
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7078	1769	786	442	283	197	144	111	87	71
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	58	49	42	36	31	28	24	22	20	18

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-35



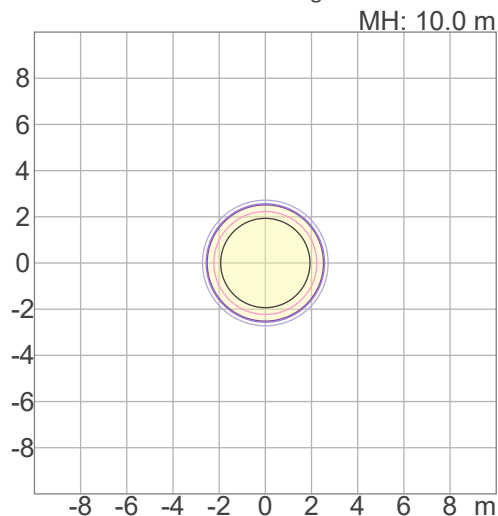
ISO Diagrams



ISO Candela Diagram

—	10%	7618 cd
—	20%	15237 cd
—	30%	22855 cd
—	40%	30474 cd
—	50%	38092 cd
—	60%	45710 cd
—	70%	53329 cd
—	80%	60947 cd
—	90%	68565 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 76184 cd



ISO Lux Diagram

—	3%	22.9 lx
—	5%	38.1 lx
—	10%	76.2 lx
—	30%	229 lx
—	50%	381 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 762 lx

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

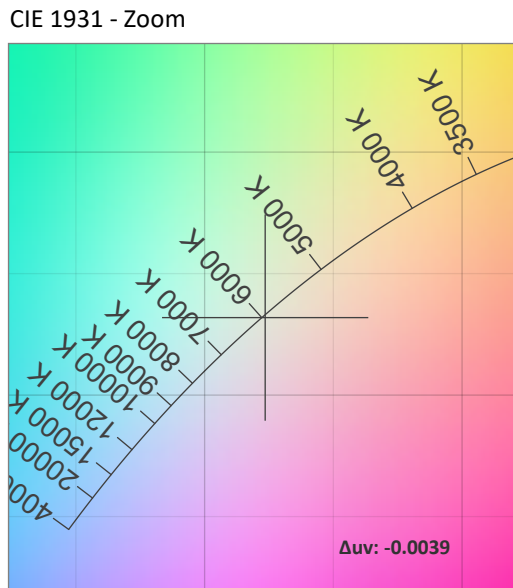
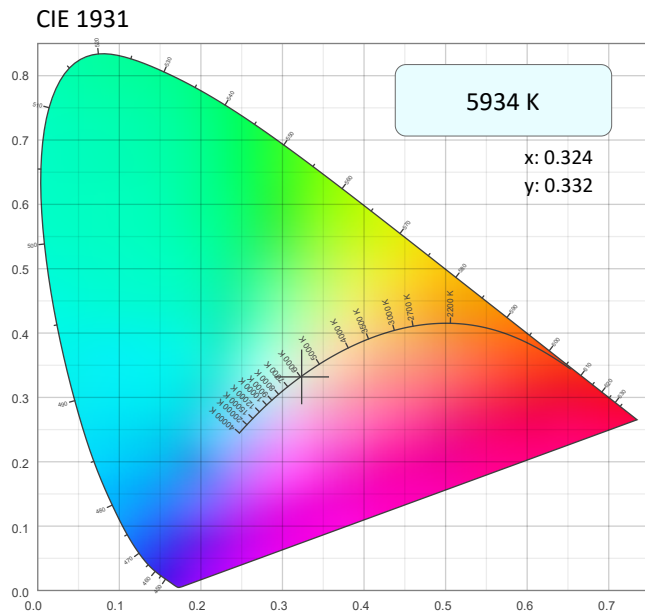
Mounting height: 10 meters / 33 feet



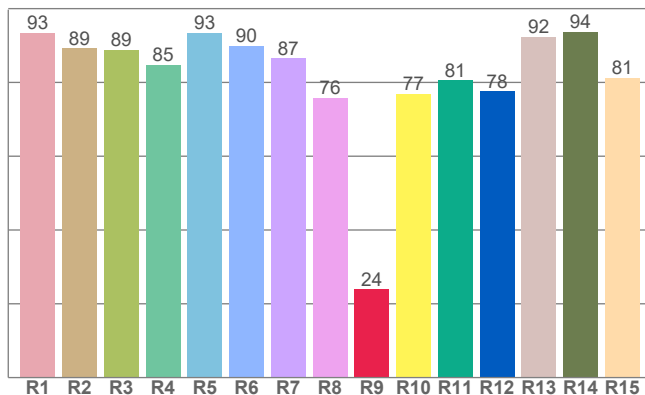
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-35

Chromaticity



CRI: 87.8 (R1-R8)

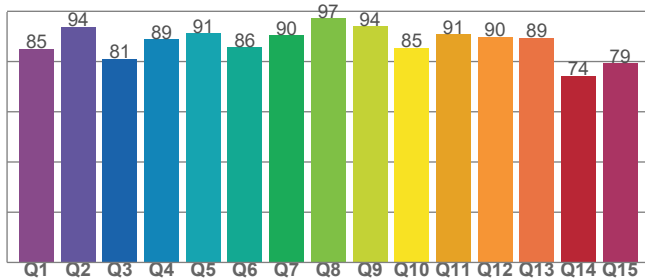


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5934 K	0.324	0.332

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0039	0.332	0.204

CQS: 86.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.8	23.9	86.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
67	85.6	103.6

Photometric & Chromaticity Report

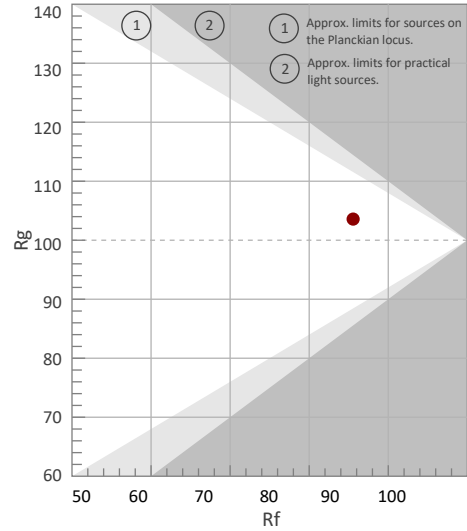
Maverick Storm 2 Profile: 50% Zoom-CRI - Full Power - Fan set to TV-35

TM-30 Details

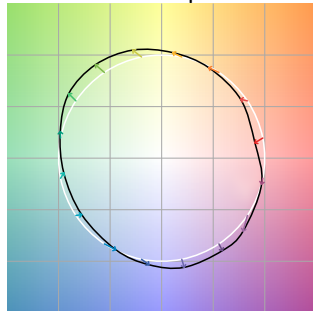
Rf 85.6
Fidelity Index
(Rg)

Rg 103.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	83	-8%	-3%
2	90	-5%	5%
3	81	-2%	11%
4	85	2%	9%
5	84	8%	7%
6	84	11%	3%
7	86	10%	-2%
8	89	1%	-6%
9	92	-4%	-5%
10	90	-5%	2%
11	80	-1%	12%
12	87	4%	8%
13	89	8%	1%
14	87	7%	-1%
15	82	5%	-15%
16	90	0%	-6%



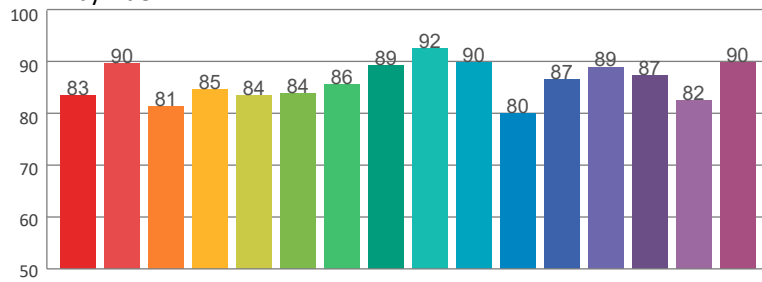
Color Vector Graphic



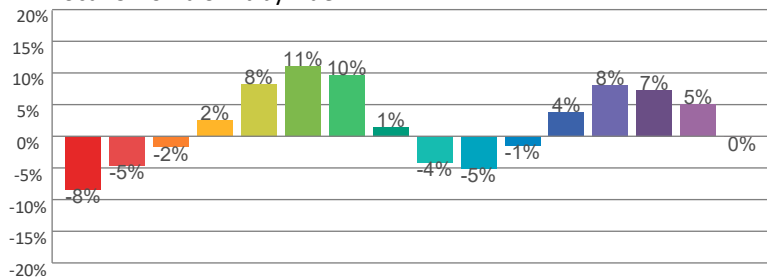
Color Distortion Graphic



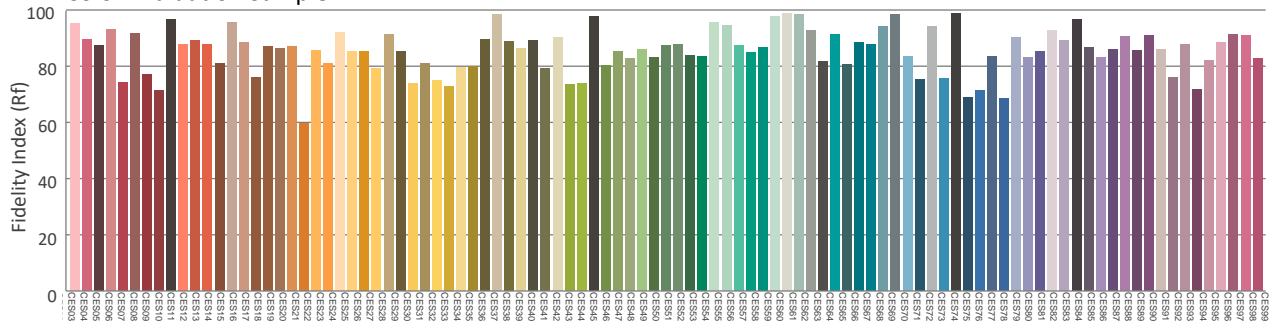
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 12589 lm
Fixture Peak: 97369 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3895 lux
Color Temperature: 2967 K
CRI: 53.0 CRI R9 Value: -81.4
CQS: 56.0
TLCI: 23
TM-30 Rf: 60.9
TM-30 Rg: 83.0
Beam Angle (50%): 23.1°
Field Angle (10%): 29.3°
Cutoff Angle (3%): 30.5°

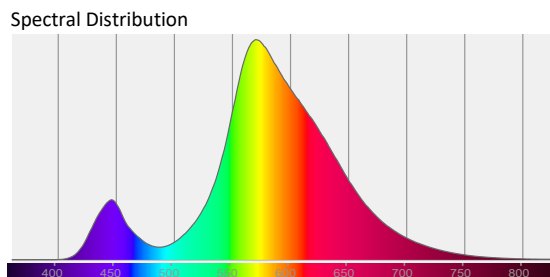
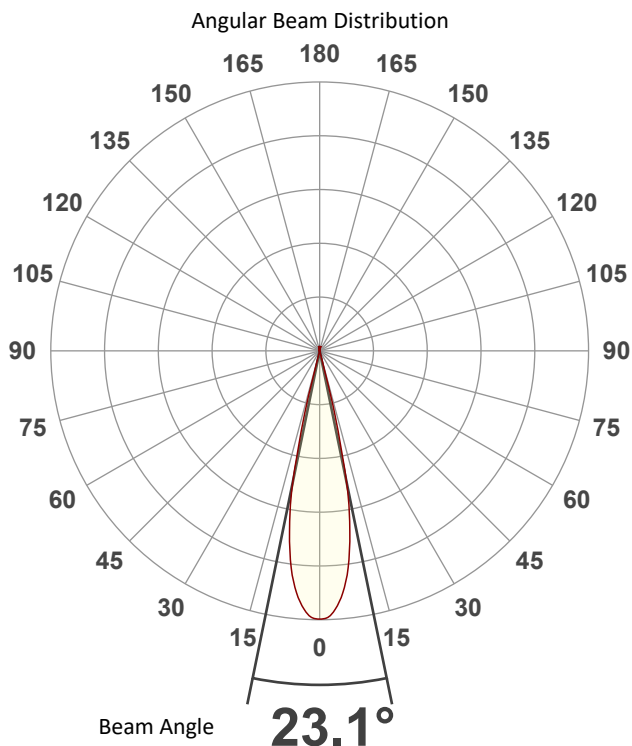


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.453

Y: 0.431



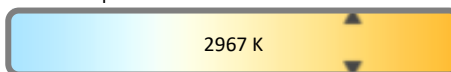
Light Quality

CRI: 53.0



Color Temperature

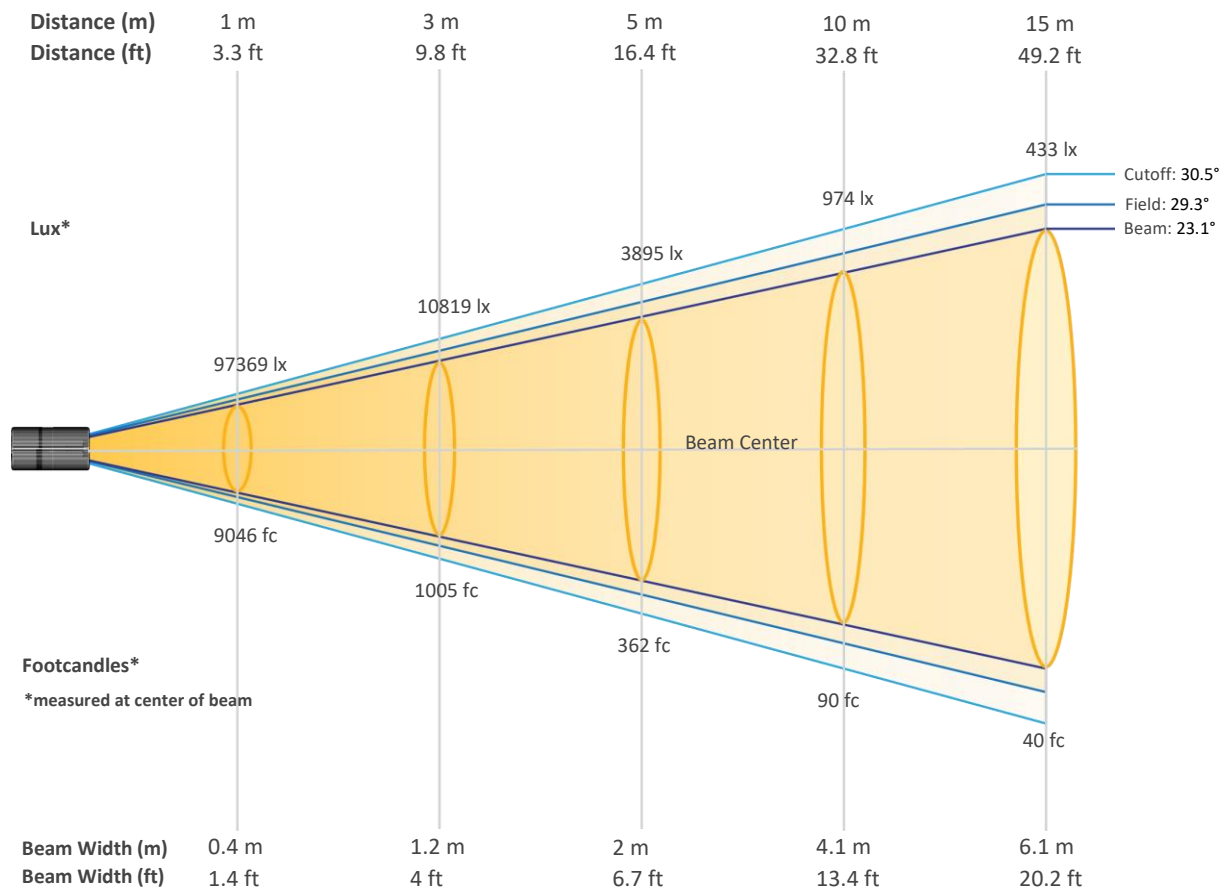
2967 K



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Full

Beam Details

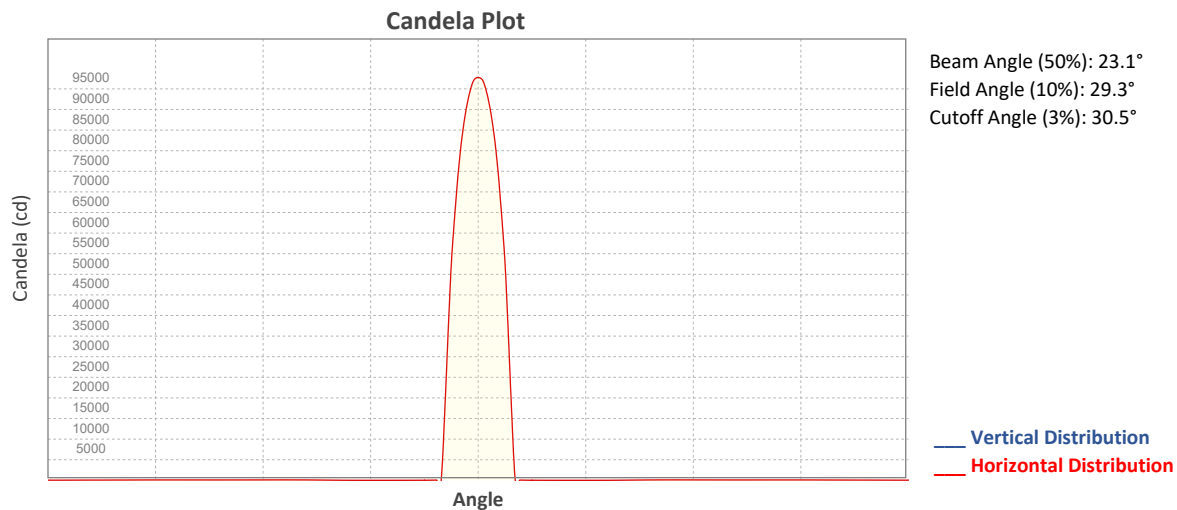


Beam Intensities from 1-20m (3.3-65.6ft)

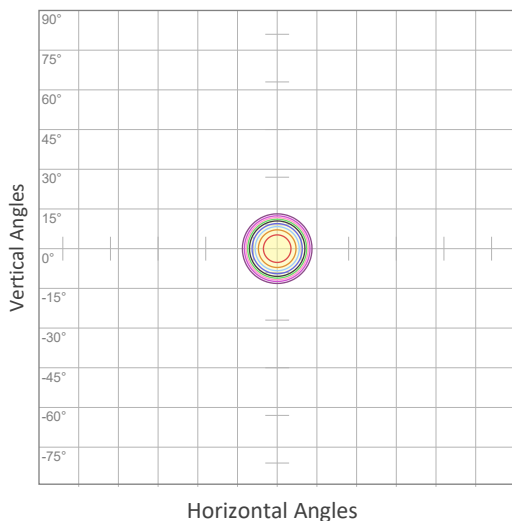
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	97369	24342	10819	6086	3895	2705	1987	1521	1202	974
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	805	676	576	497	433	380	337	301	270	243
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9046	2261	1005	565	362	251	185	141	112	90
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	46	40	35	31	28	25	23

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Full



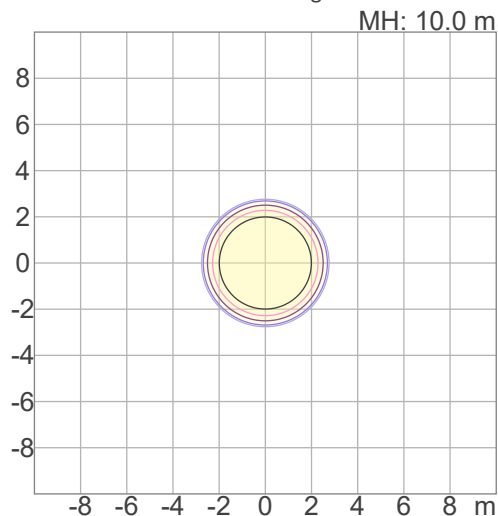
ISO Diagrams



ISO Candela Diagram

10%	9737 cd
20%	19474 cd
30%	29211 cd
40%	38948 cd
50%	48684 cd
60%	58421 cd
70%	68158 cd
80%	77895 cd
90%	87632 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 97369 cd



ISO Lux Diagram

3%	29.2 lx
5%	48.7 lx
10%	97.4 lx
30%	292 lx
50%	487 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 974 lx

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

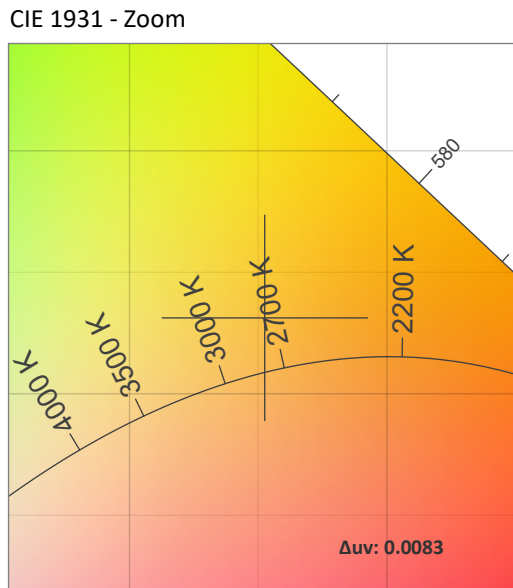
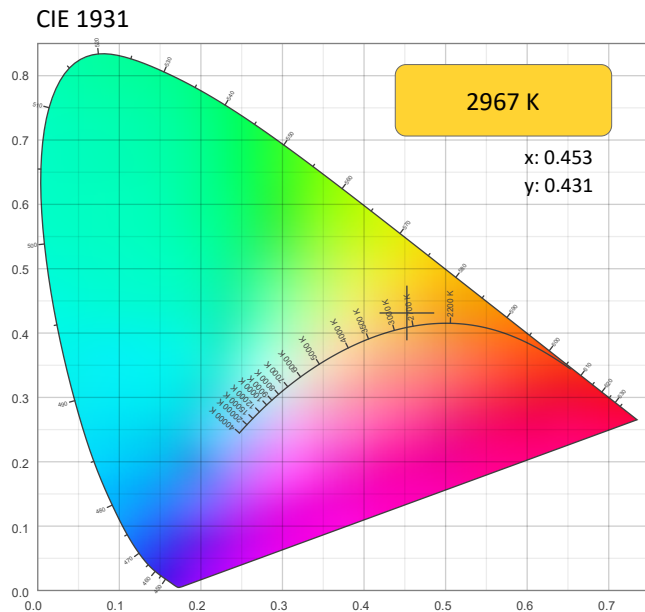
Mounting height: 10 meters / 33 feet



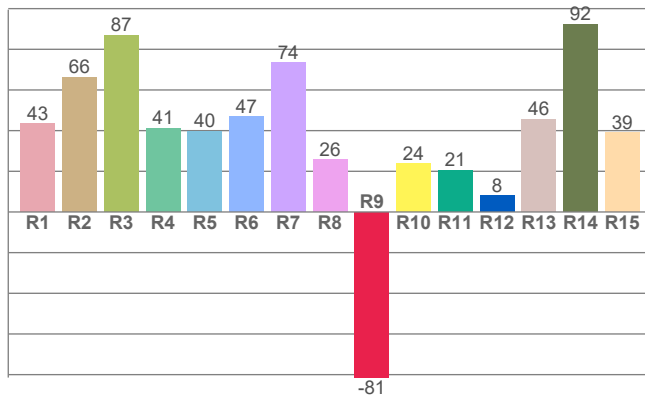
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Full

Chromaticity



CRI: 53.0 (R1-R8)

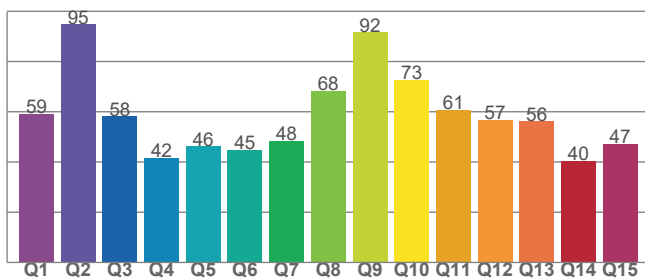


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2967 K	0.453	0.431

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0083	0.431	0.249

CQS: 56.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.0	-81.4	56.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	60.9	83.0

Photometric & Chromaticity Report

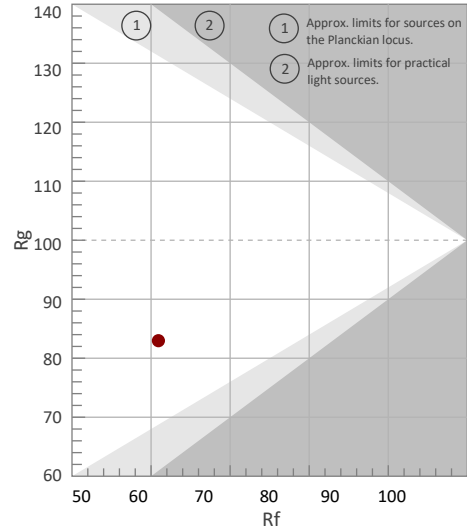
Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Full

TM-30 Details

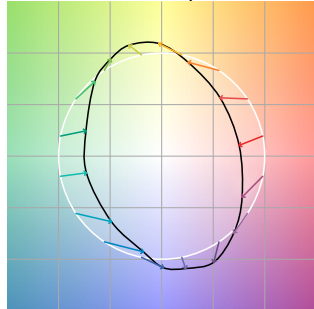
Rf 60.9
Fidelity Index (Rg)

Rg 83.0
Gammut Index (Rg)

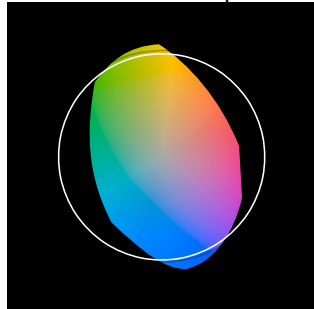
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	55	-24%	-4%
2	54	-21%	16%
3	42	-10%	29%
4	64	7%	24%
5	78	12%	10%
6	81	6%	-11%
7	62	-6%	-24%
8	60	-23%	-10%
9	59	-25%	2%
10	46	-24%	26%
11	47	-13%	37%
12	62	6%	23%
13	81	11%	2%
14	71	14%	-15%
15	62	0%	-23%
16	64	-16%	-24%



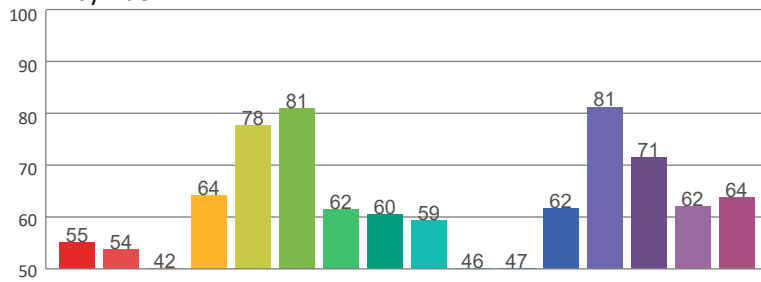
Color Vector Graphic



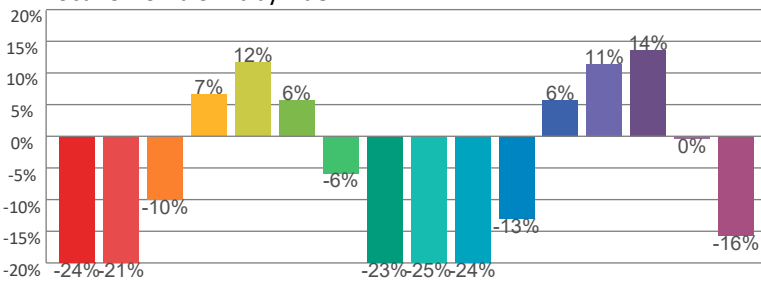
Color Distortion Graphic



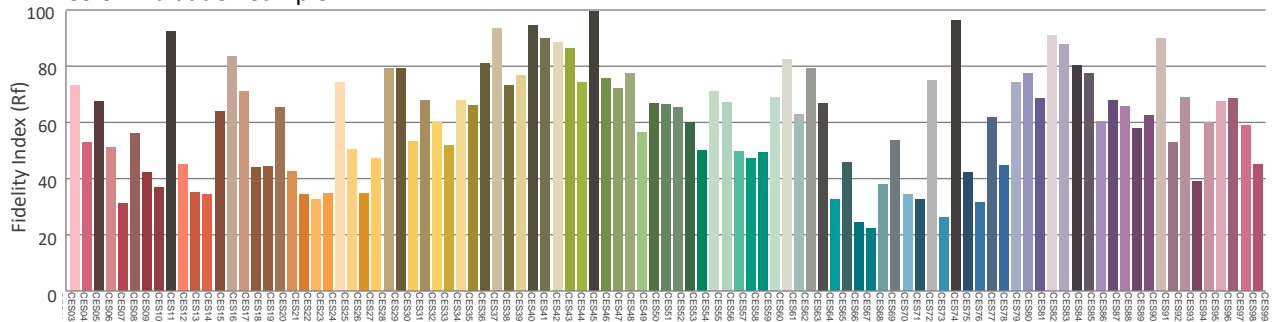
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Auto

Report Summary

Measurements

Fixture Output: 12049 lm
Fixture Peak: 95935 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3837 lux
Color Temperature: 2968 K
CRI: 53.1 CRI R9 Value: -80.9
CQS: 56.1
TLCI: 23
TM-30 Rf: 61.1
TM-30 Rg: 82.9
Beam Angle (50%): 22.5°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 31.1°

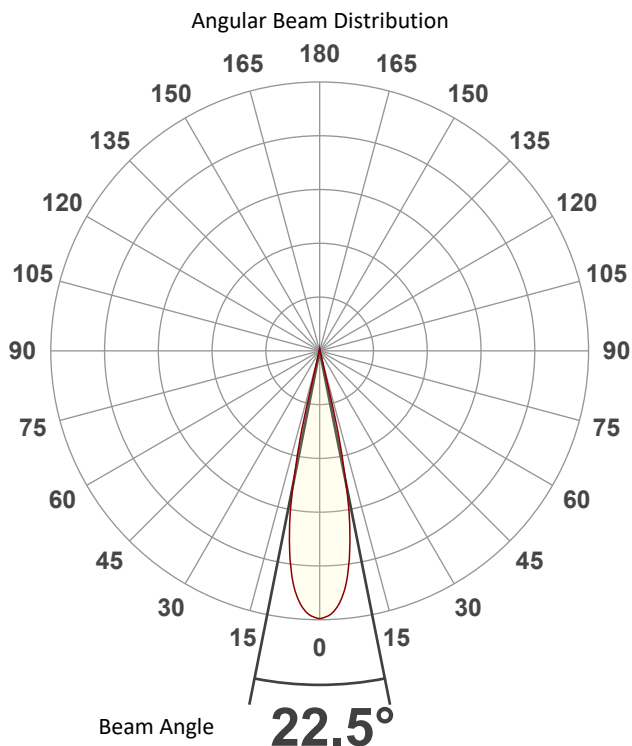


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.452

Y: 0.431



Light Quality

CRI: 53.1

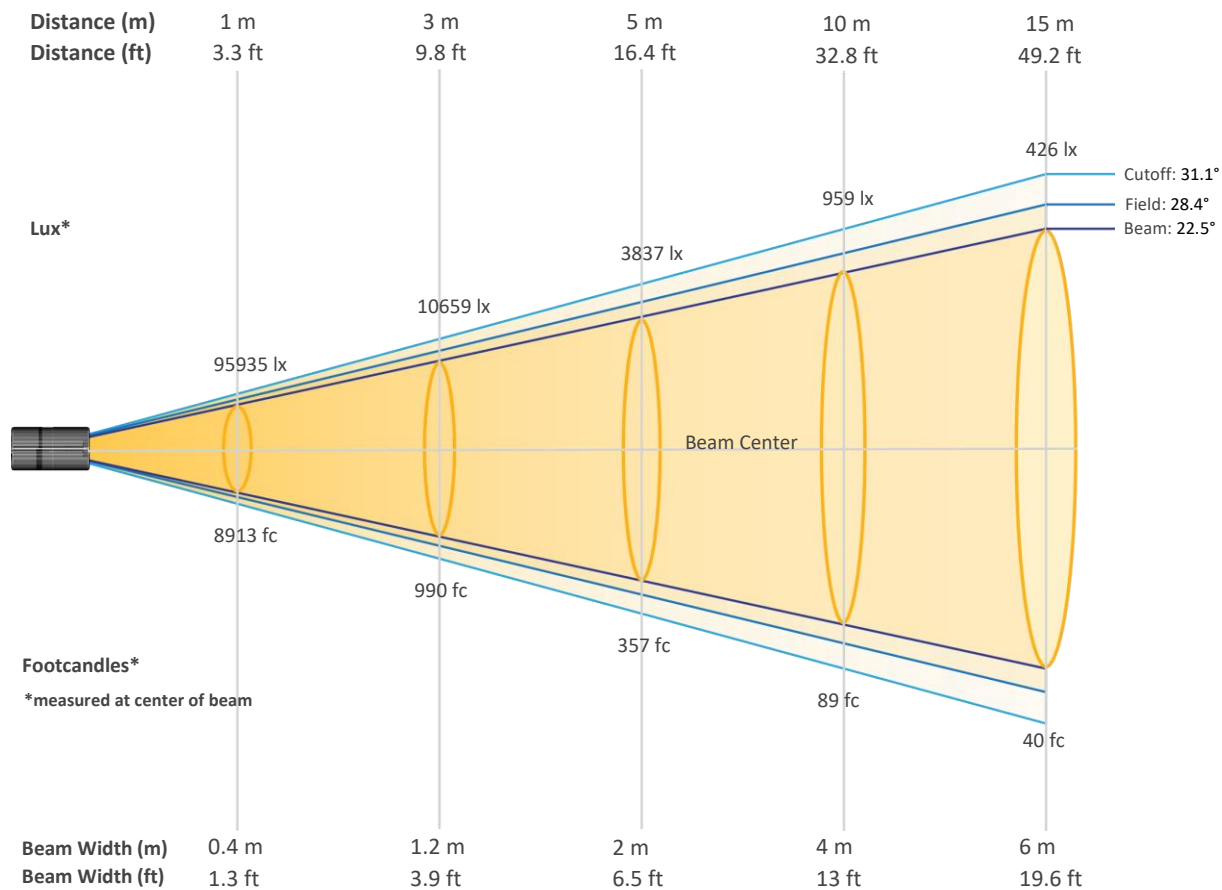
Color Temperature

2968 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Auto

Beam Details

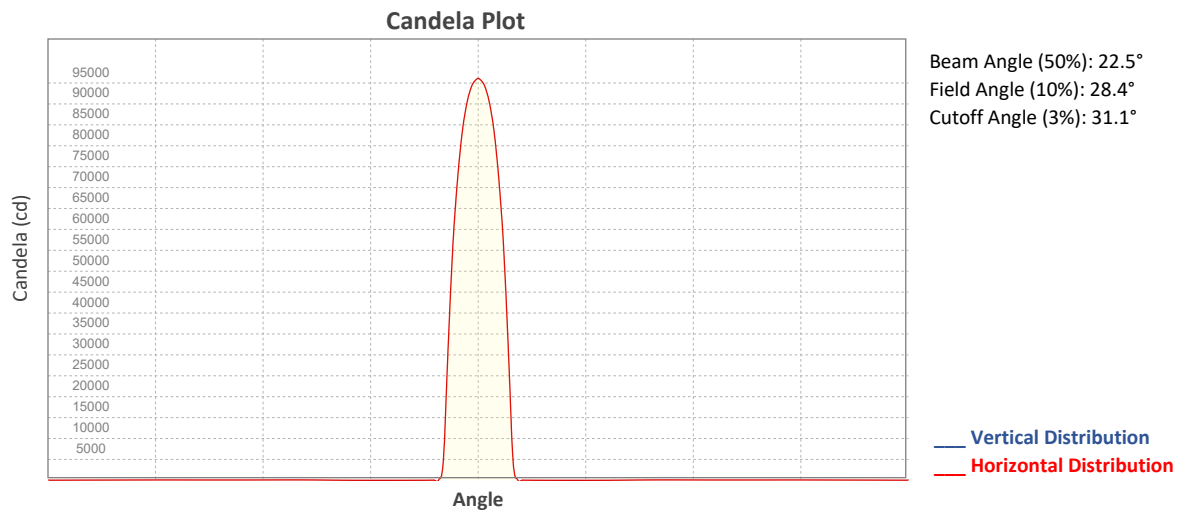


Beam Intensities from 1-20m (3.3-65.6ft)

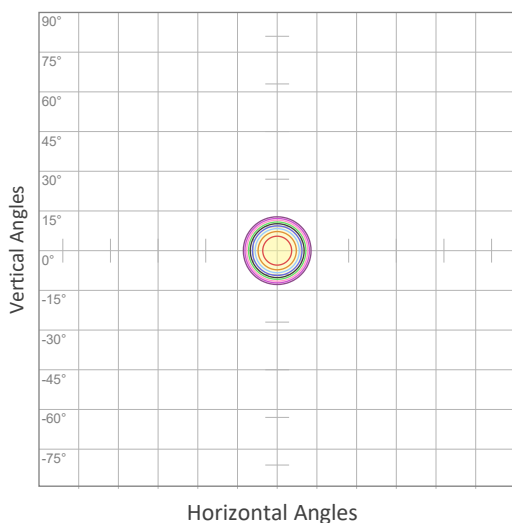
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	95935	23984	10659	5996	3837	2665	1958	1499	1184	959
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	793	666	568	489	426	375	332	296	266	240
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8913	2228	990	557	357	248	182	139	110	89
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	74	62	53	45	40	35	31	28	25	22

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Auto



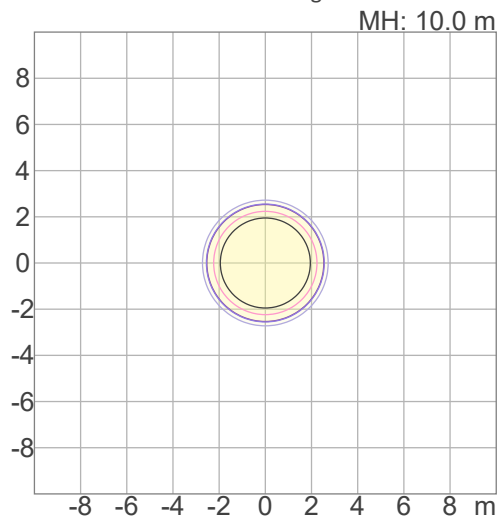
ISO Diagrams



ISO Candela Diagram

10%	9594 cd
20%	19187 cd
30%	28781 cd
40%	38374 cd
50%	47968 cd
60%	57561 cd
70%	67155 cd
80%	76748 cd
90%	86342 cd

Conditions:
Number of c-planes: 2
Candela at center: 95935 cd



ISO Lux Diagram

3%	28.8 lx
5%	48.0 lx
10%	95.9 lx
30%	288 lx
50%	480 lx

Conditions:
Number of c-planes: 2
Candela at center: 959 lx

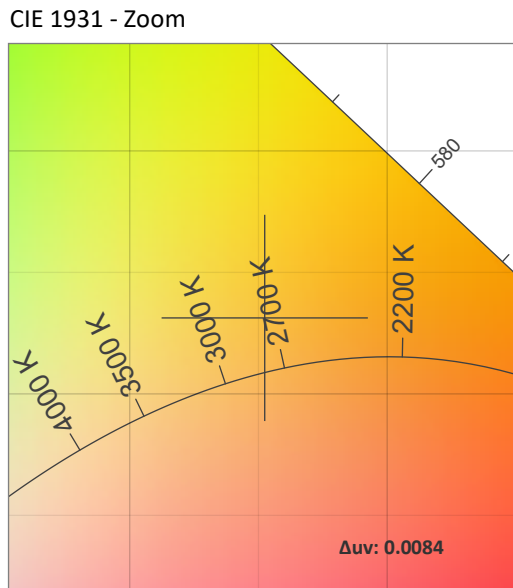
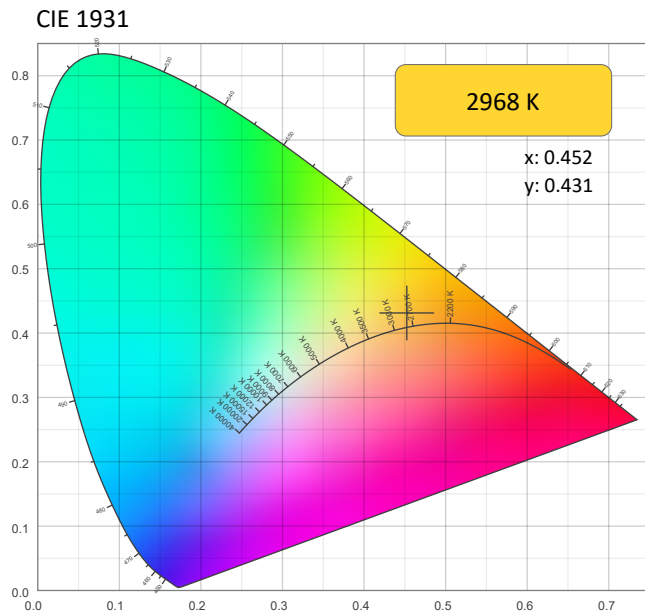
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

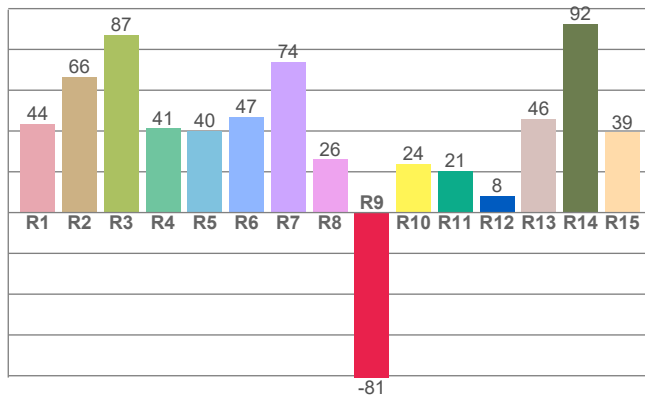
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Auto

Chromaticity



CRI: 53.1 (R1-R8)

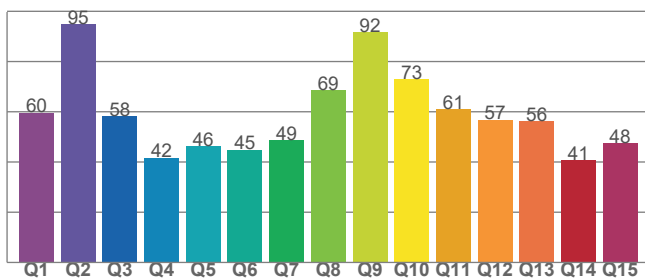


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2968 K	0.452	0.431

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0084	0.431	0.249

CQS: 56.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.1	-80.9	56.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	61.1	82.9

Photometric & Chromaticity Report

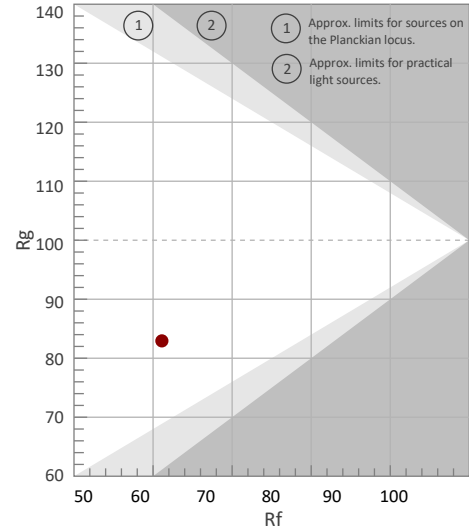
Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Auto

TM-30 Details

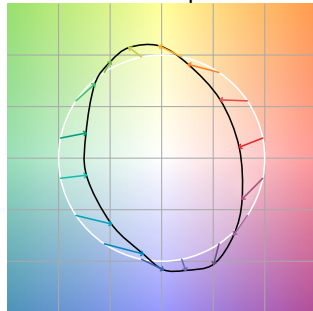
Rf 61.1
Fidelity Index (Rg)

Rg 82.9
Gammut Index (Rg)

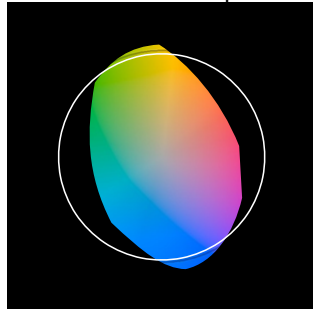
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	55	-24%	-4%
2	54	-21%	15%
3	43	-10%	29%
4	65	6%	24%
5	78	11%	10%
6	81	5%	-11%
7	62	-6%	-24%
8	61	-23%	-10%
9	60	-25%	2%
10	46	-24%	26%
11	47	-13%	37%
12	62	6%	23%
13	81	11%	1%
14	72	14%	-15%
15	62	-1%	-23%
16	64	-16%	-24%



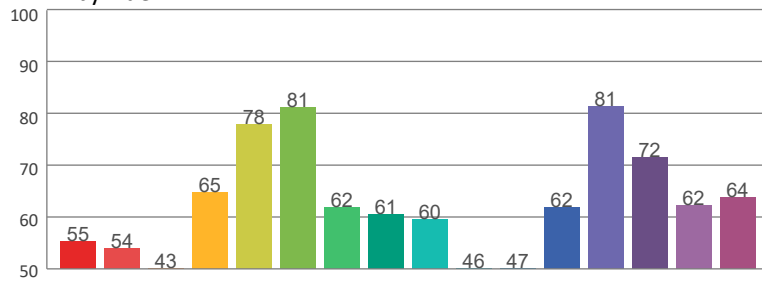
Color Vector Graphic



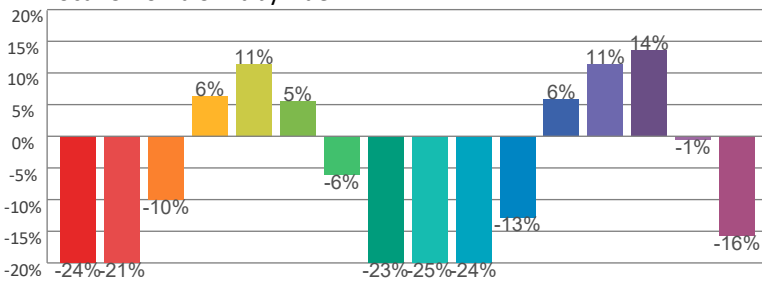
Color Distortion Graphic



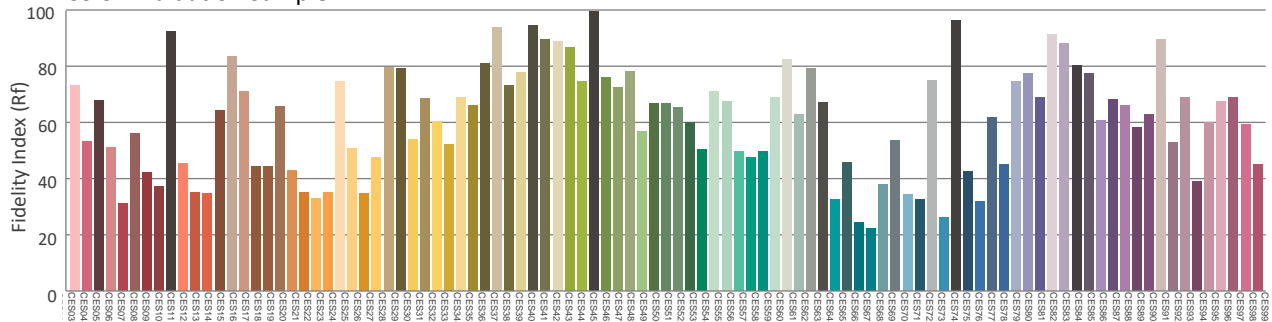
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Eco

Report Summary

Measurements

Fixture Output: 12087 lm
Fixture Peak: 96533 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3861 lux
Color Temperature: 2969 K
CRI: 53.1 CRI R9 Value: -80.9
CQS: 56.1
TLCI: 23
TM-30 Rf: 61.1
TM-30 Rg: 82.9
Beam Angle (50%): 22.5°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 31.1°

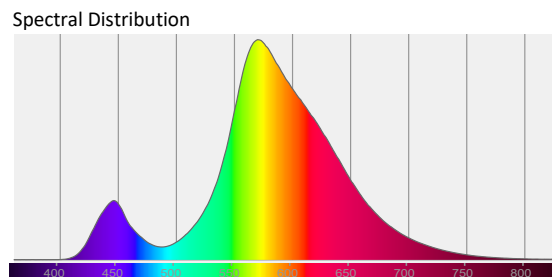
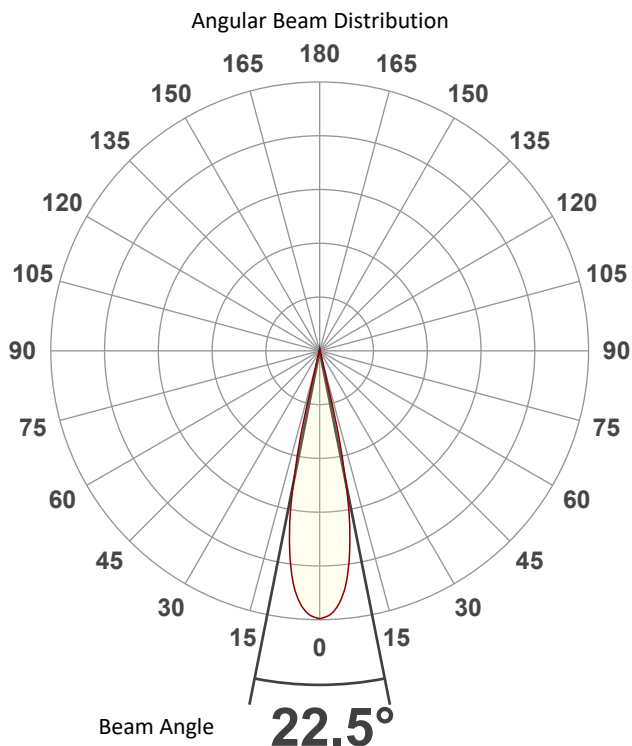


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.452

Y: 0.431



Light Quality

CRI: 53.1

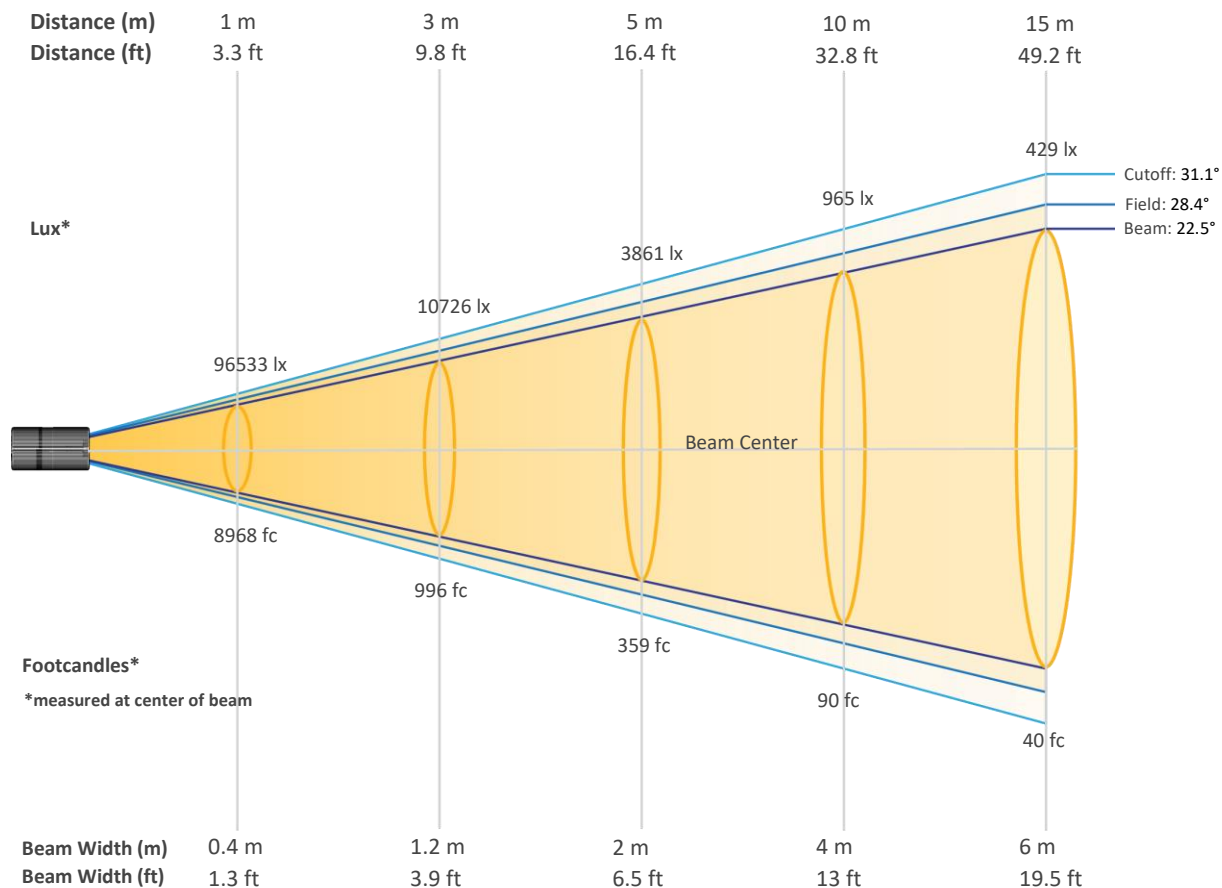
Color Temperature

2969 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Eco

Beam Details

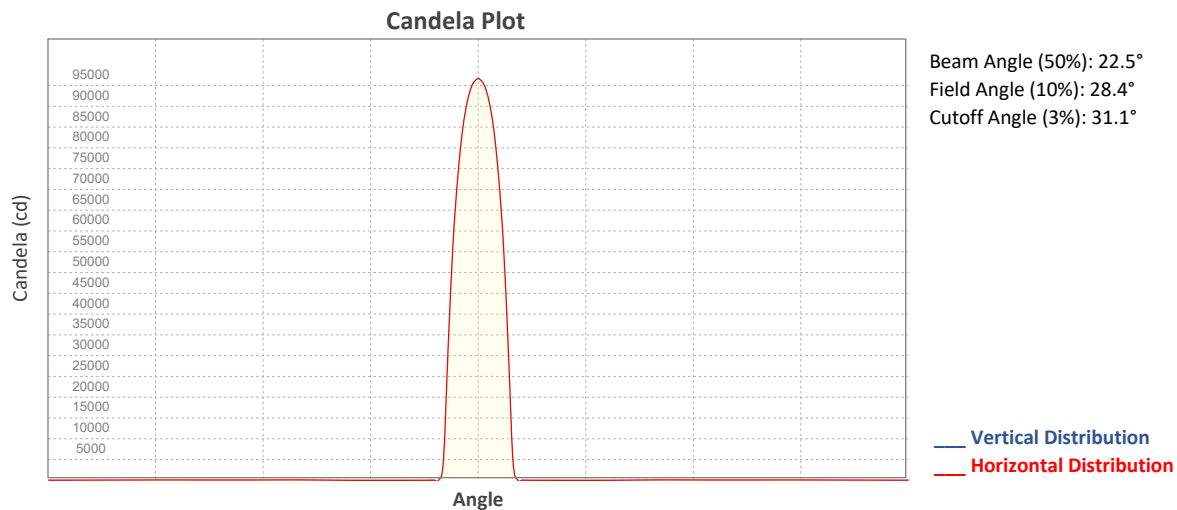


Beam Intensities from 1-20m (3.3-65.6ft)

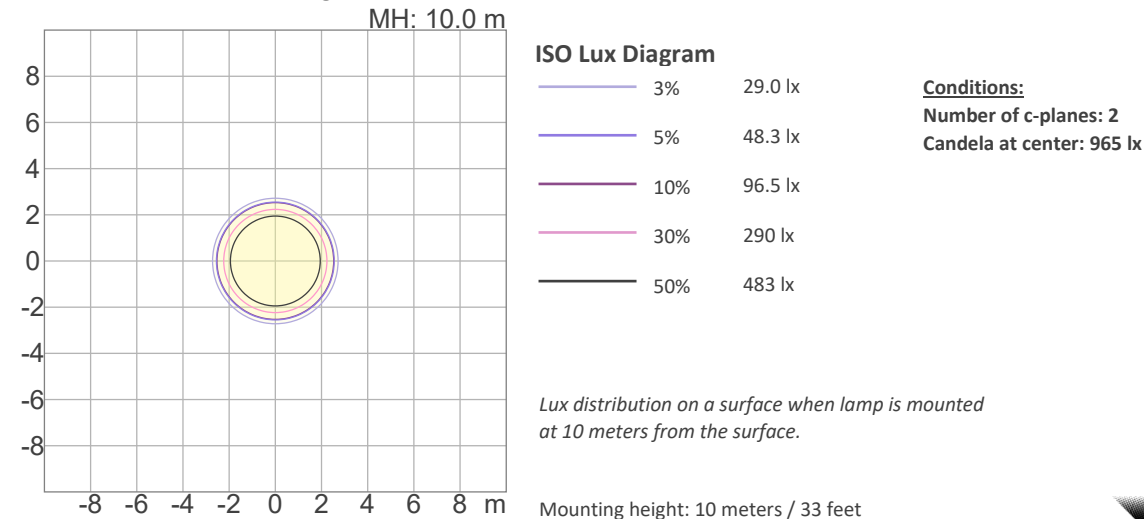
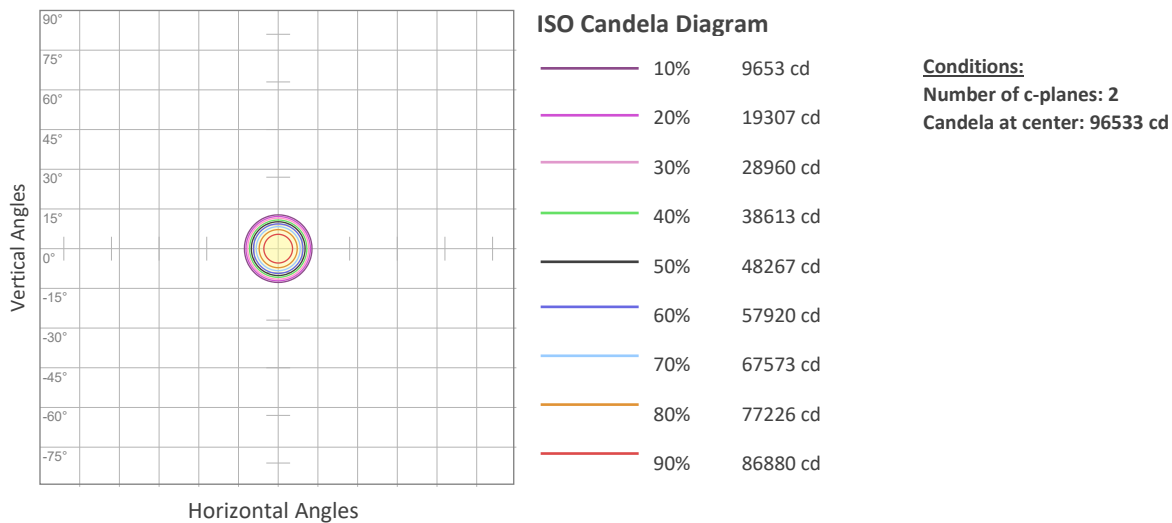
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	96533	24133	10726	6033	3861	2681	1970	1508	1192	965
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	798	670	571	493	429	377	334	298	267	241
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8968	2242	996	561	359	249	183	140	111	90
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	74	62	53	46	40	35	31	28	25	22

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Eco



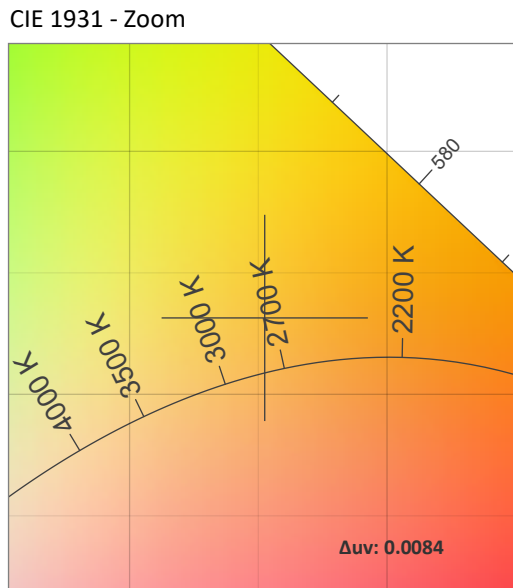
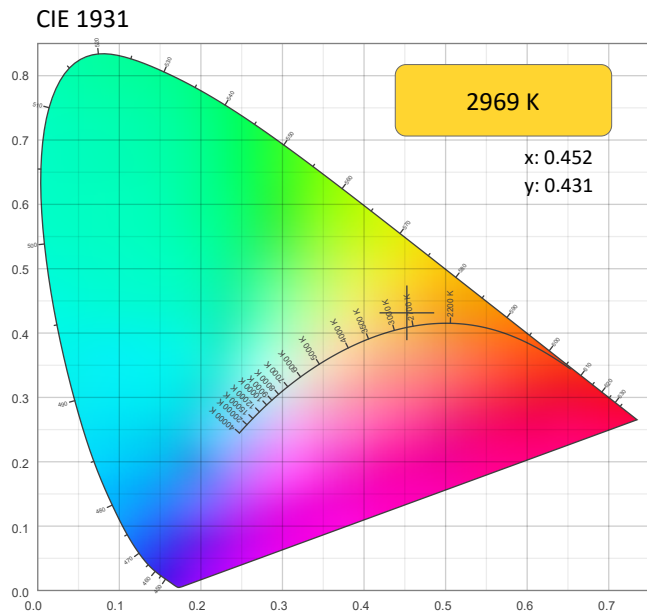
ISO Diagrams



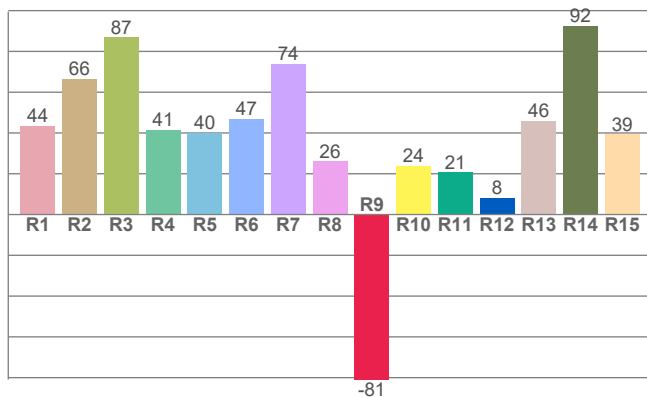
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Eco

Chromaticity



CRI: 53.1 (R1-R8)

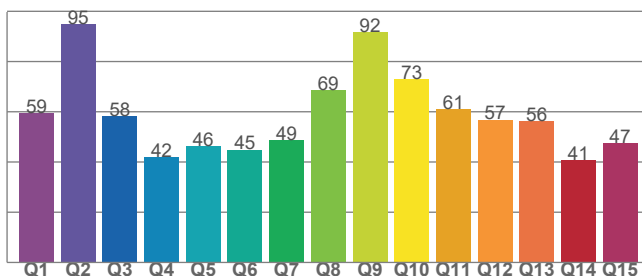


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2969 K	0.452	0.431

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0084	0.431	0.249

CQS: 56.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.1	-80.9	56.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	61.1	82.9

Photometric & Chromaticity Report

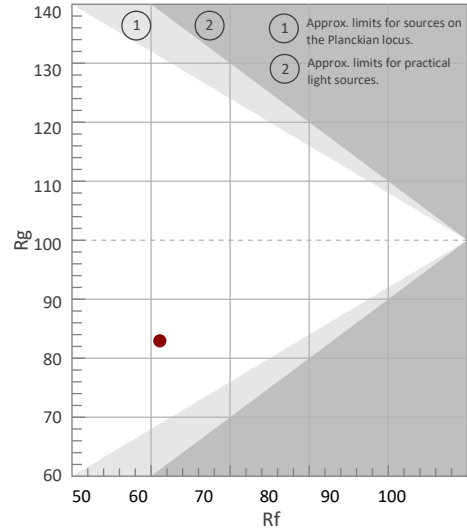
Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to Eco

TM-30 Details

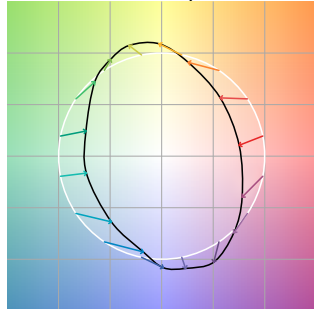
Rf 61.1
Fidelity Index (Rg)

Rg 82.9
Gammut Index (Rg)

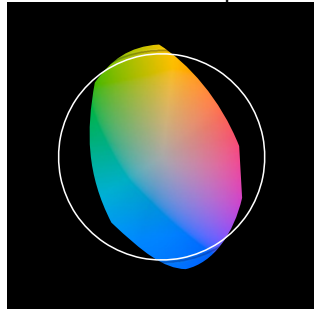
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	55	-24%	-4%
2	54	-21%	15%
3	43	-10%	29%
4	65	6%	24%
5	78	11%	10%
6	81	6%	-11%
7	62	-6%	-24%
8	61	-23%	-10%
9	60	-25%	2%
10	46	-24%	26%
11	47	-13%	37%
12	62	6%	23%
13	81	11%	2%
14	72	14%	-15%
15	62	-1%	-23%
16	64	-16%	-24%



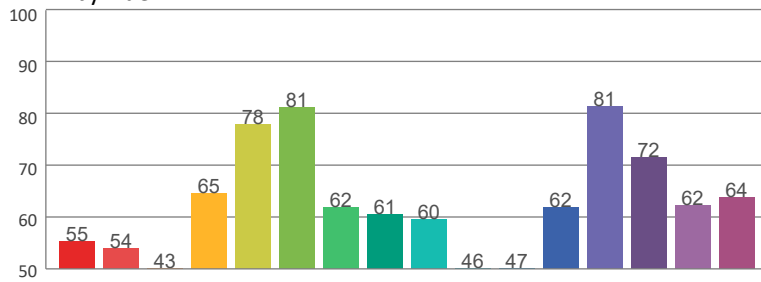
Color Vector Graphic



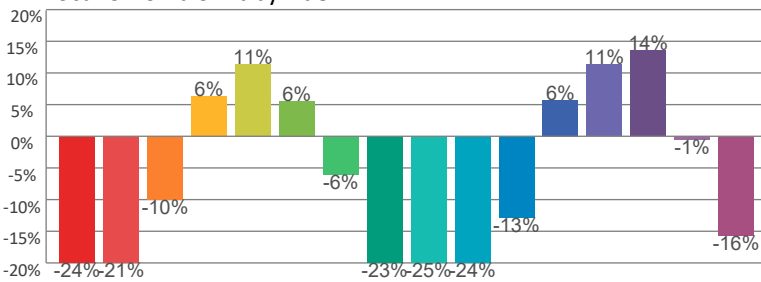
Color Distortion Graphic



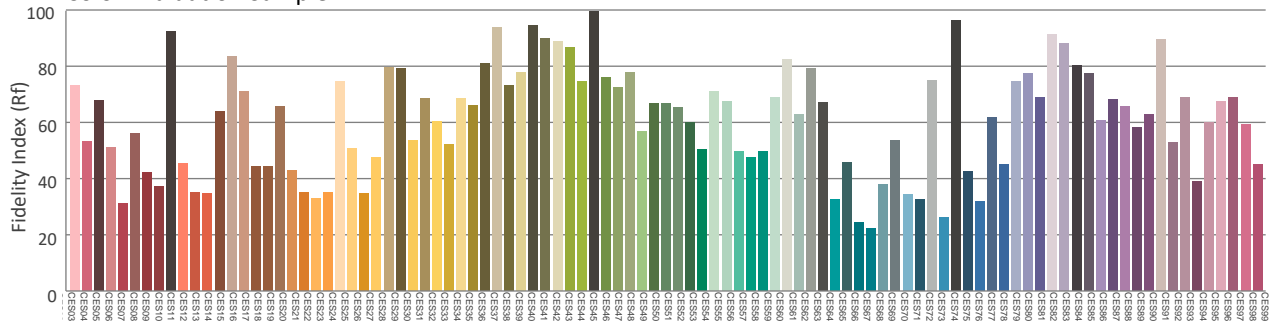
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 8908 lm
Fixture Peak: 71461 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2858 lux
Color Temperature: 2966 K
CRI: 52.5 CRI R9 Value: -83.6
CQS: 55.8
TLCI: 23
TM-30 Rf: 60.6
TM-30 Rg: 82.9
Beam Angle (50%): 22.5°
Field Angle (10%): 28.4°
Cutoff Angle (3%): 30.9°

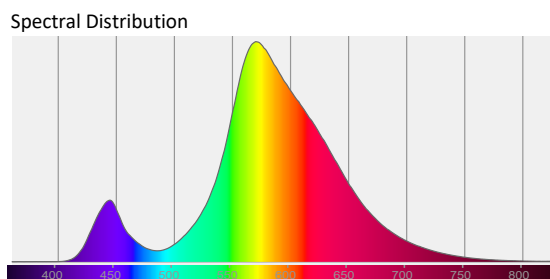
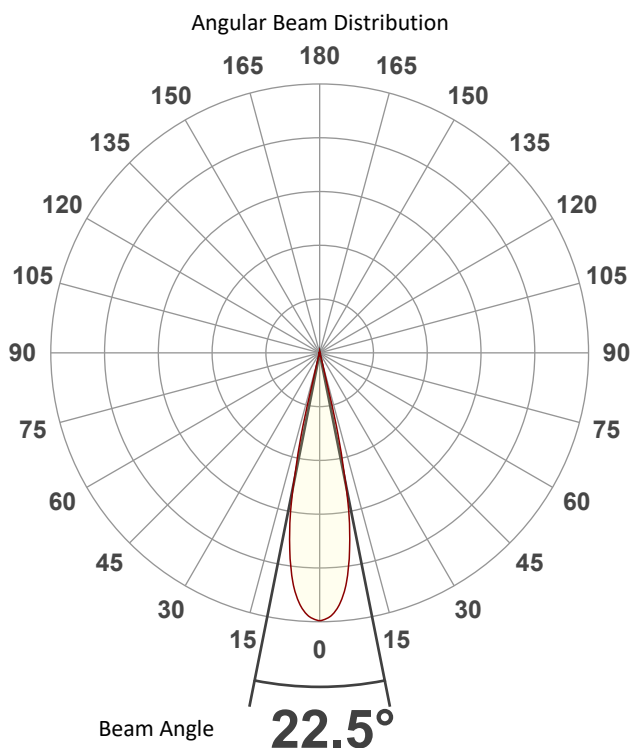


Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.454

Y: 0.434



Light Quality

CRI: 52.5

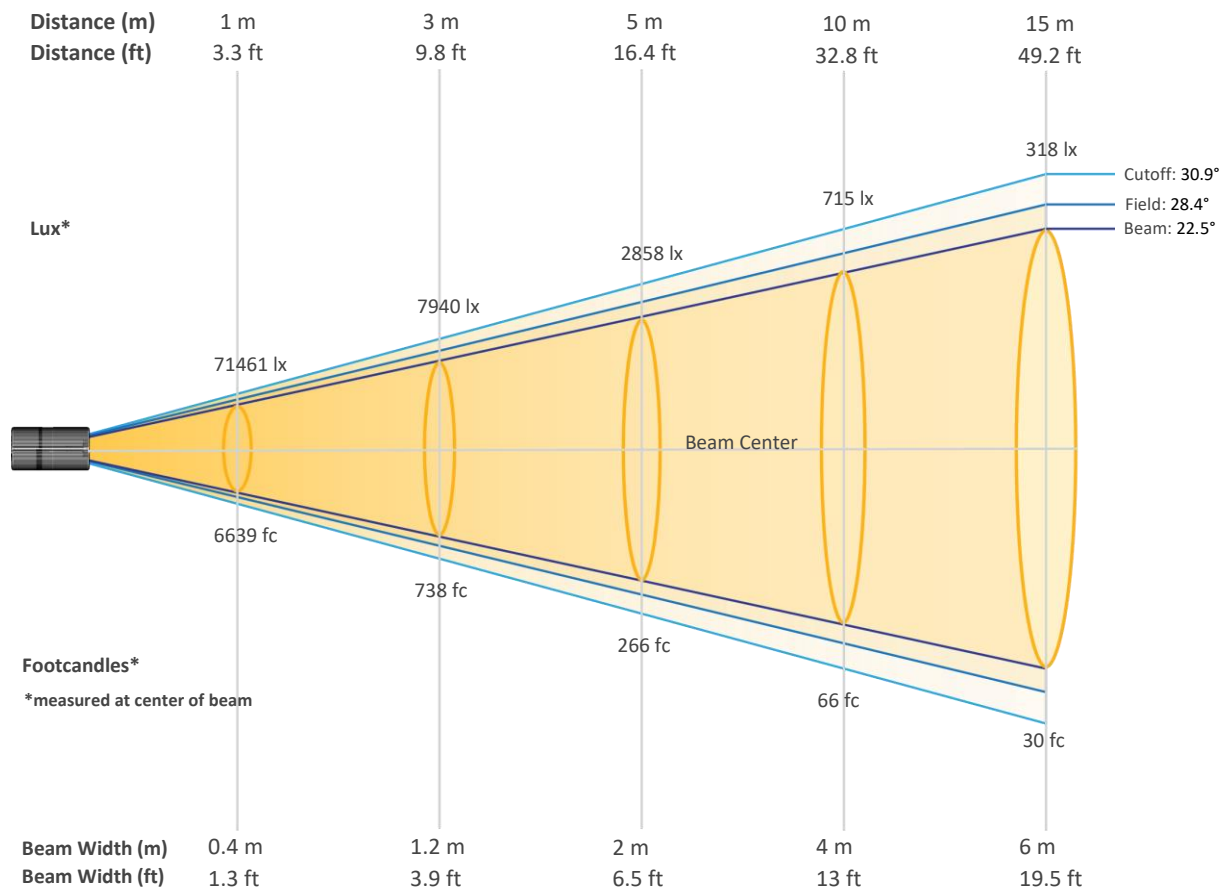
Color Temperature

2966 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-25

Beam Details

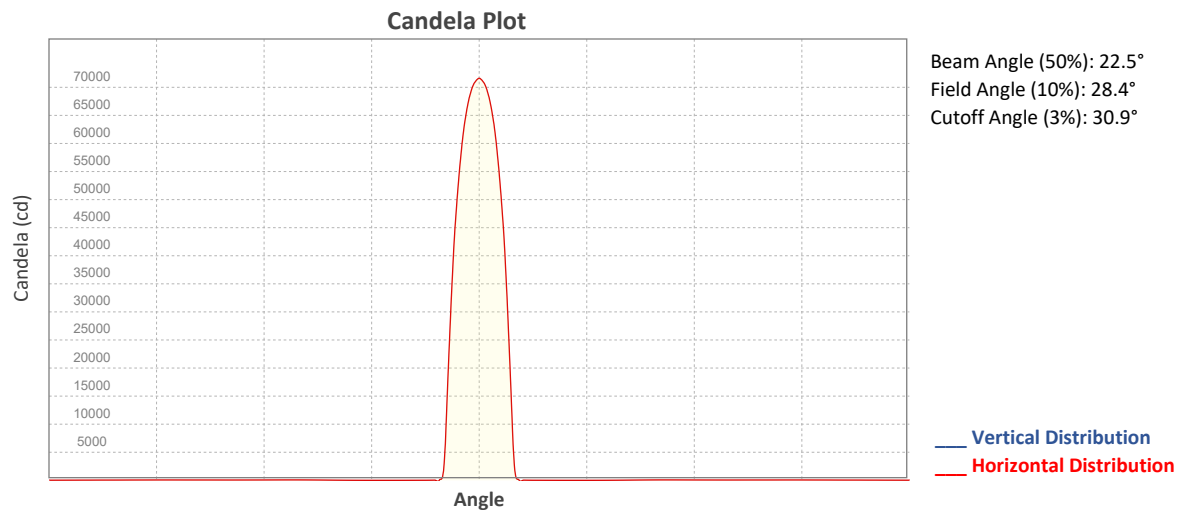


Beam Intensities from 1-20m (3.3-65.6ft)

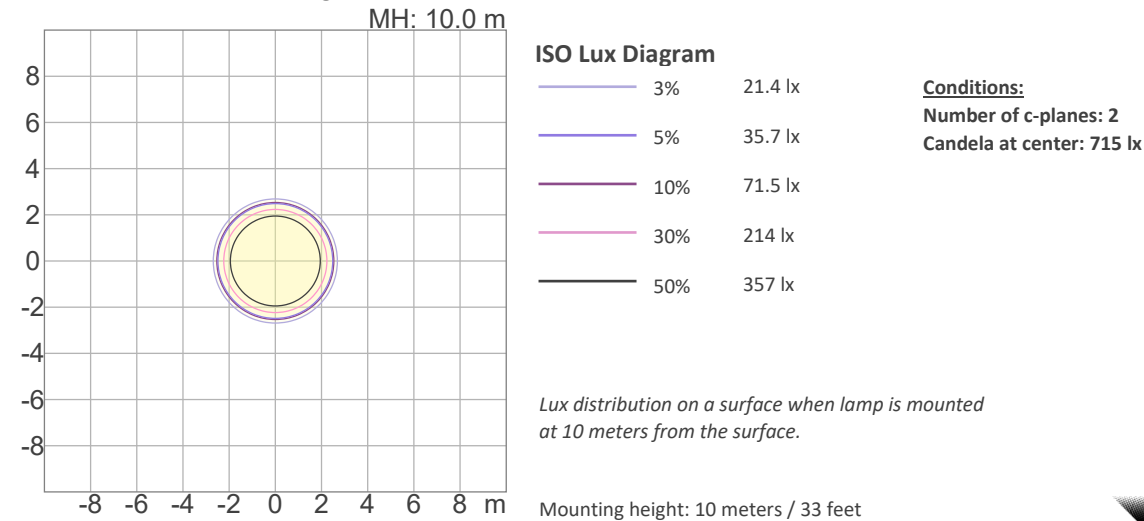
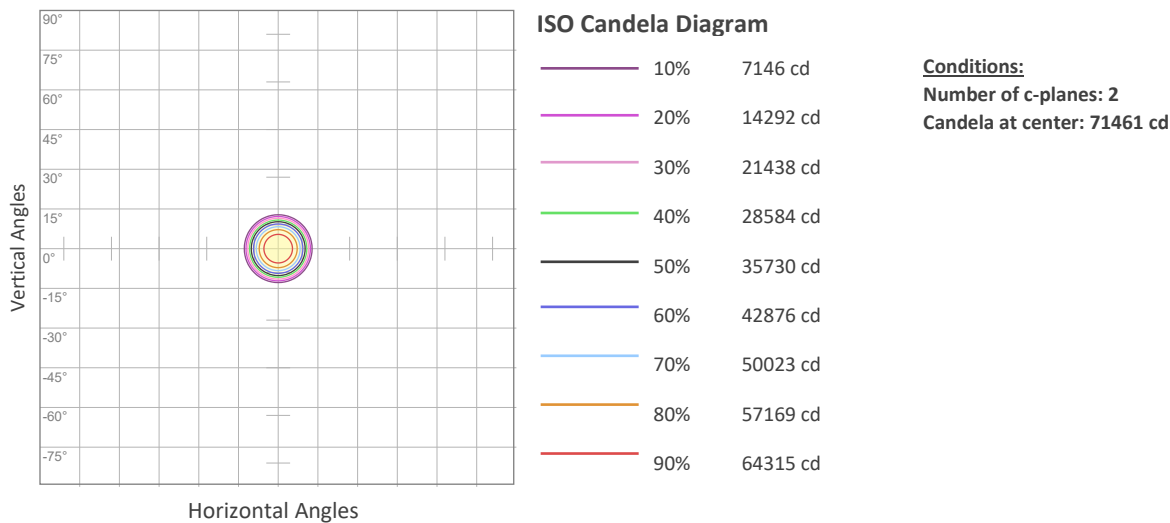
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	71461	17865	7940	4466	2858	1985	1458	1117	882	715
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	591	496	423	365	318	279	247	221	198	179
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6639	1660	738	415	266	184	135	104	82	66
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	55	46	39	34	30	26	23	20	18	17

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-25



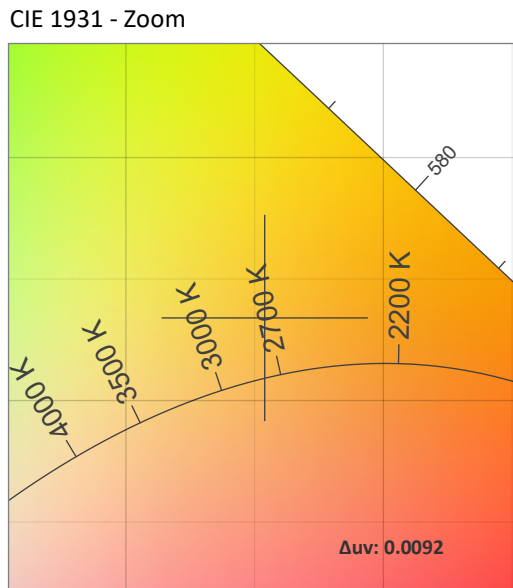
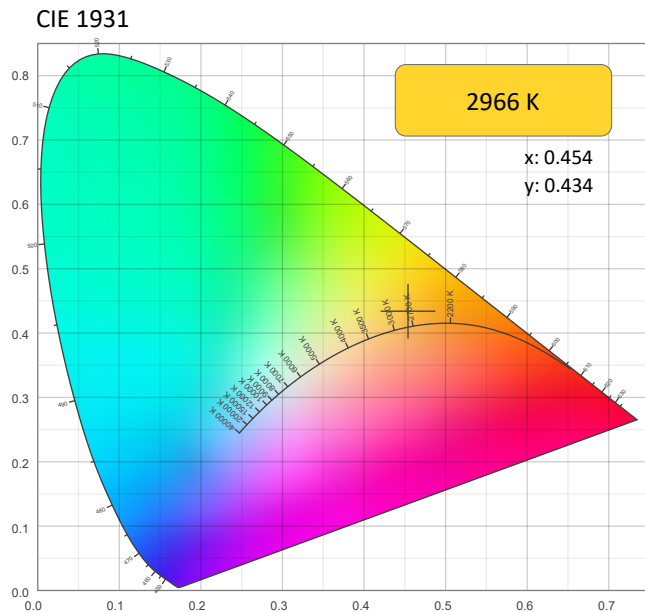
ISO Diagrams



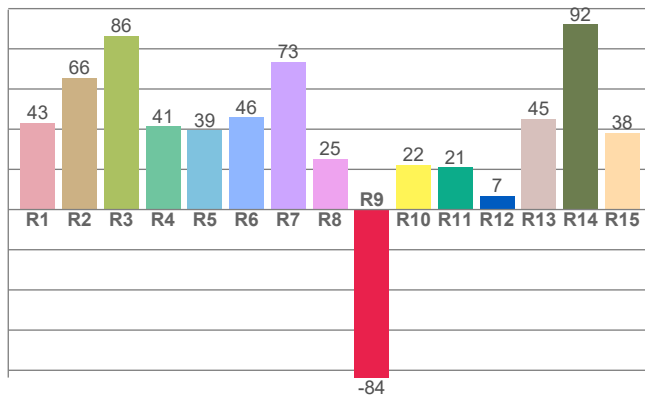
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-25

Chromaticity



CRI: 52.5 (R1-R8)

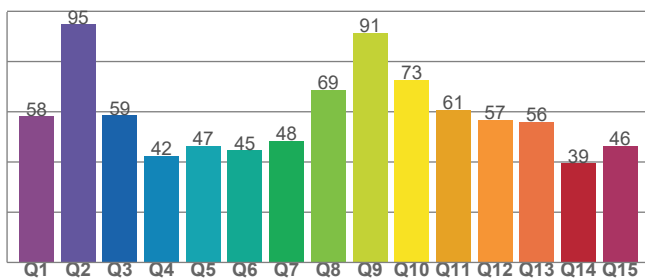


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2966 K	0.454	0.434

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0092	0.434	0.249

CQS: 55.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
52.5	-83.6	55.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	60.6	82.9

Photometric & Chromaticity Report

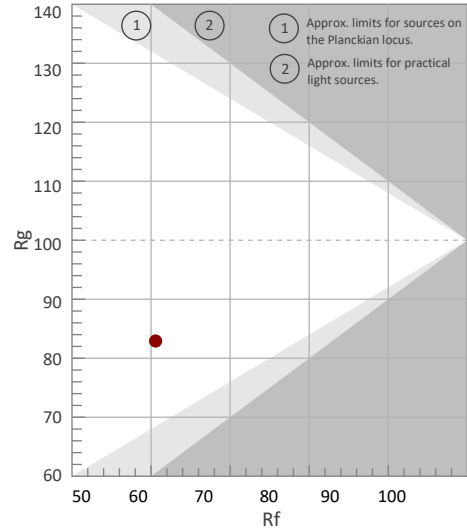
Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-25

TM-30 Details

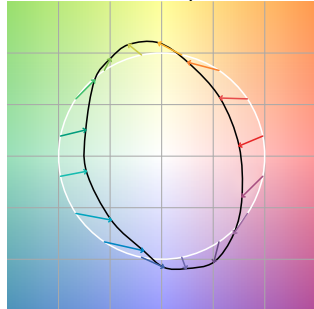
Rf 60.6
Fidelity Index (Rg)

Rg 82.9
Gammut Index (Rg)

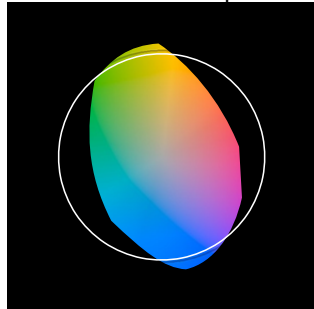
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	55	-24%	-5%
2	54	-22%	15%
3	42	-10%	29%
4	63	7%	24%
5	77	12%	10%
6	80	6%	-11%
7	60	-5%	-25%
8	61	-23%	-11%
9	59	-26%	0%
10	46	-25%	24%
11	47	-14%	36%
12	61	5%	23%
13	81	12%	2%
14	72	14%	-15%
15	61	0%	-24%
16	64	-16%	-23%



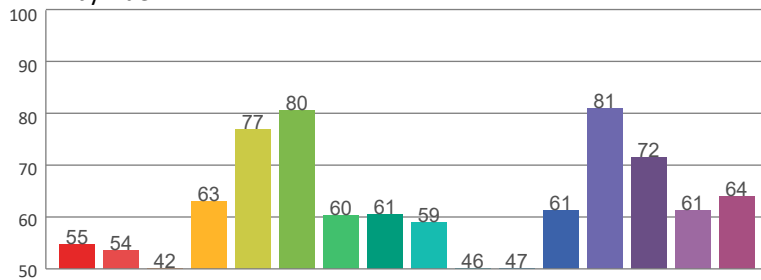
Color Vector Graphic



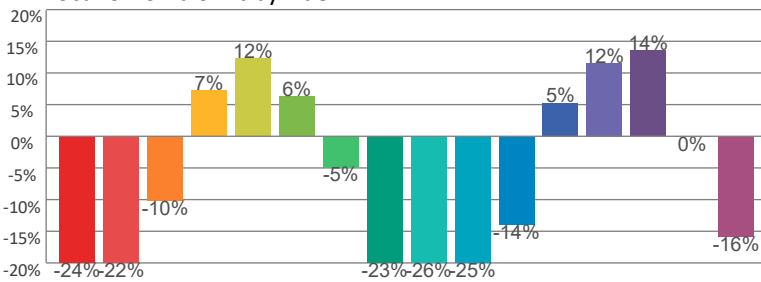
Color Distortion Graphic



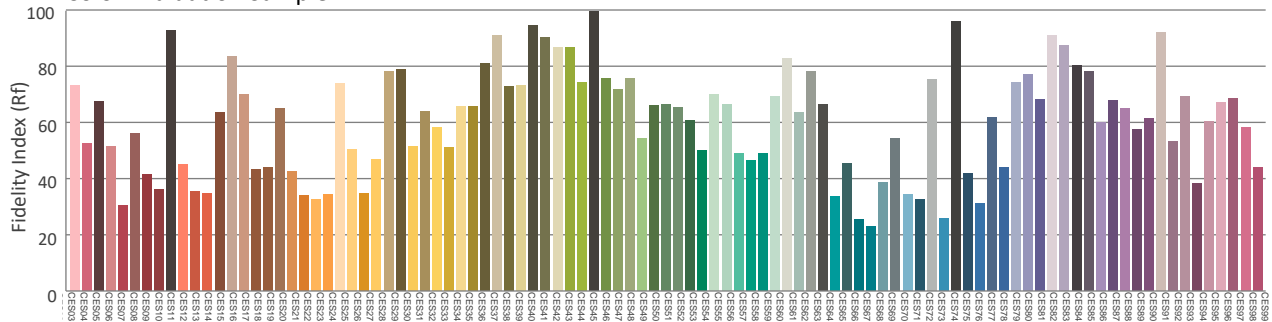
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 6519 lm
Fixture Peak: 57503 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2300 lux
Color Temperature: 2974 K
CRI: 52.1 CRI R9 Value: -86.1
CQS: 55.6
TLCI: 23
TM-30 Rf: 60.2
TM-30 Rg: 82.8
Beam Angle (50%): 21.6°
Field Angle (10%): 28.6°
Cutoff Angle (3%): 29.8°

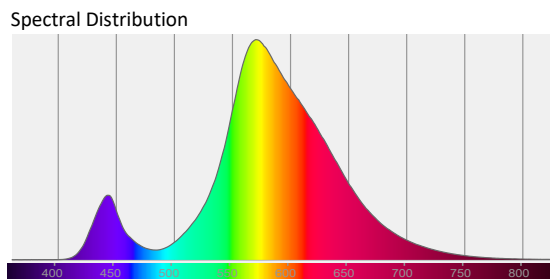
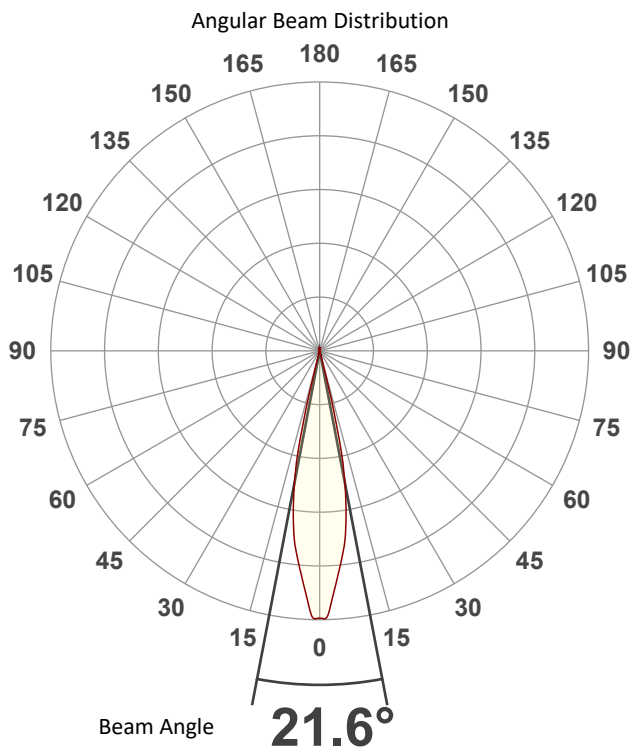


Conditions

AC Supply: 118 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/9/2022 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.454

Y: 0.436



Light Quality

CRI: 52.1

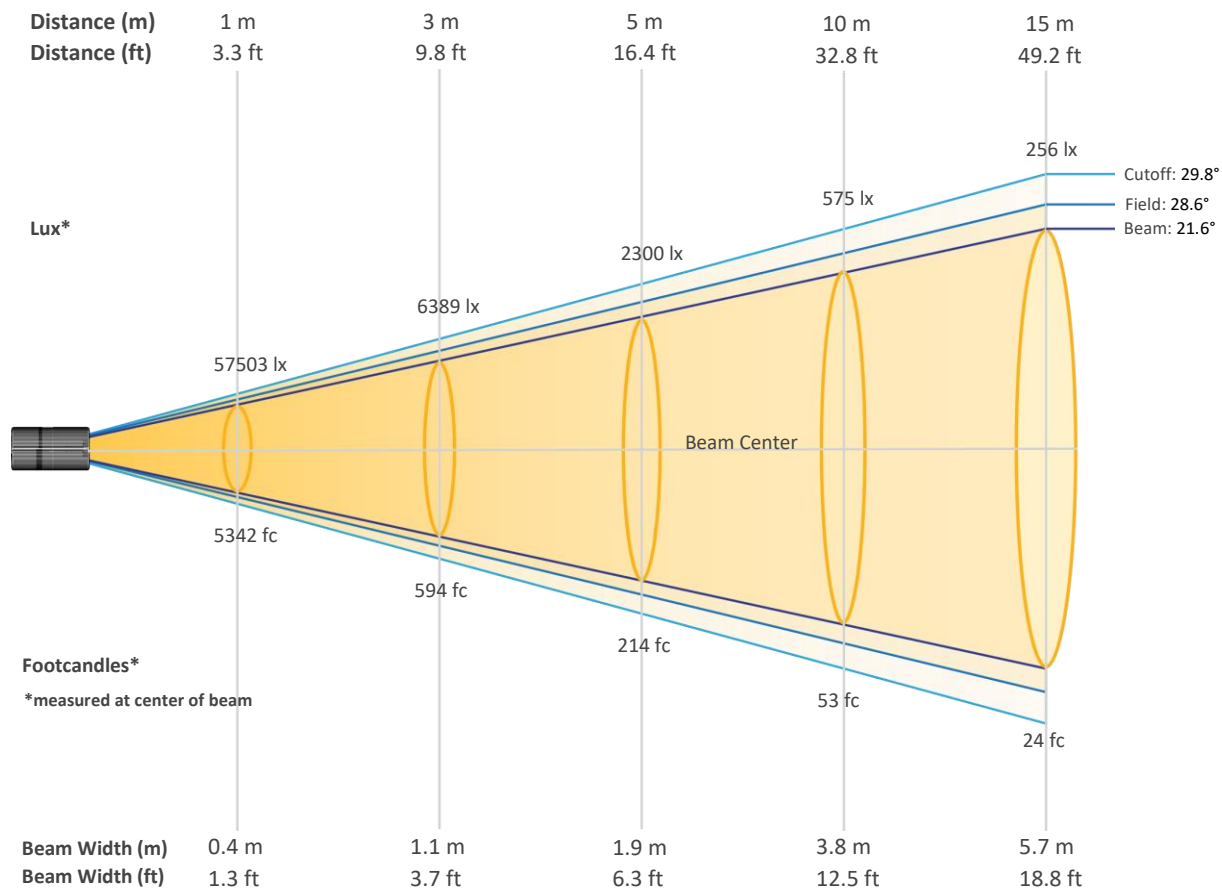
Color Temperature

2974 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-35

Beam Details

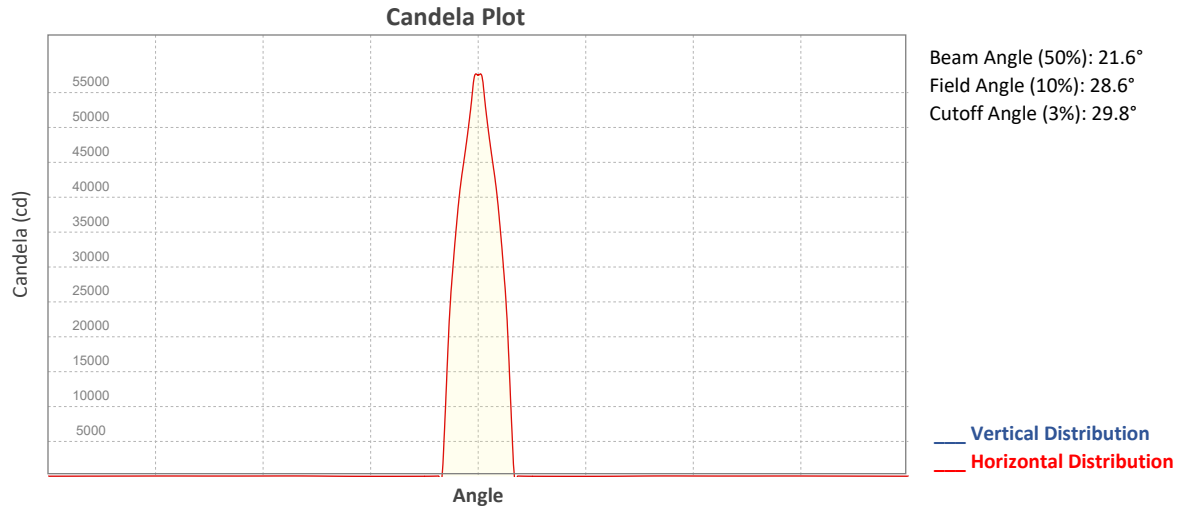


Beam Intensities from 1-20m (3.3-65.6ft)

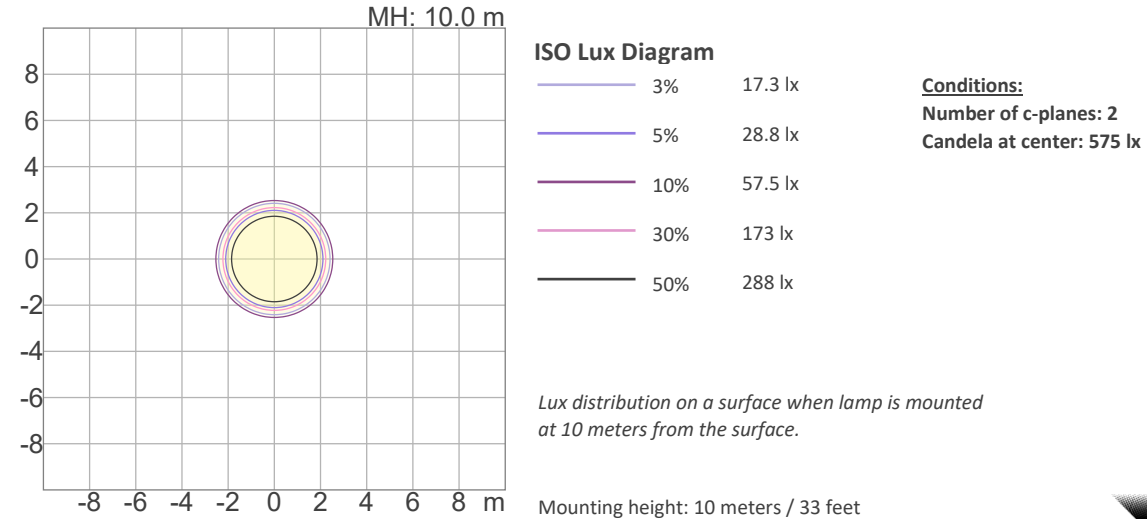
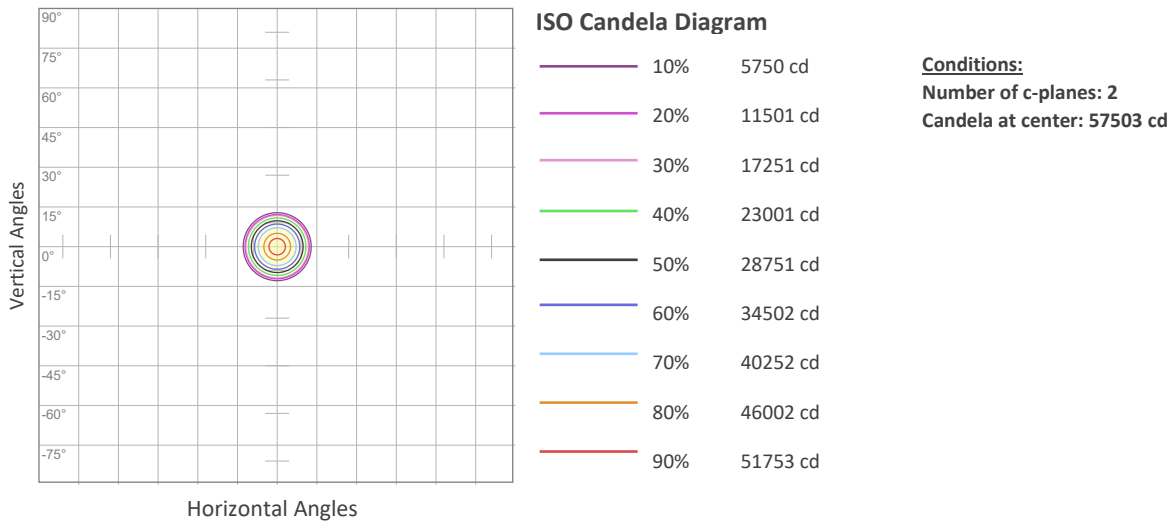
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	57503	14376	6389	3594	2300	1597	1174	898	710	575
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	475	399	340	293	256	225	199	177	159	144
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5342	1336	594	334	214	148	109	83	66	53
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	44	37	32	27	24	21	18	16	15	13

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-35



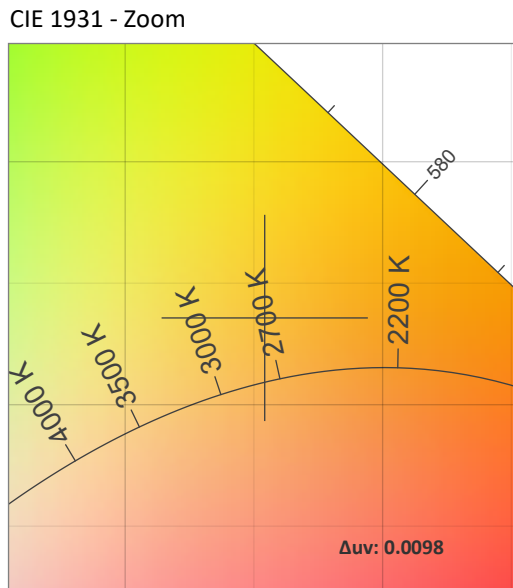
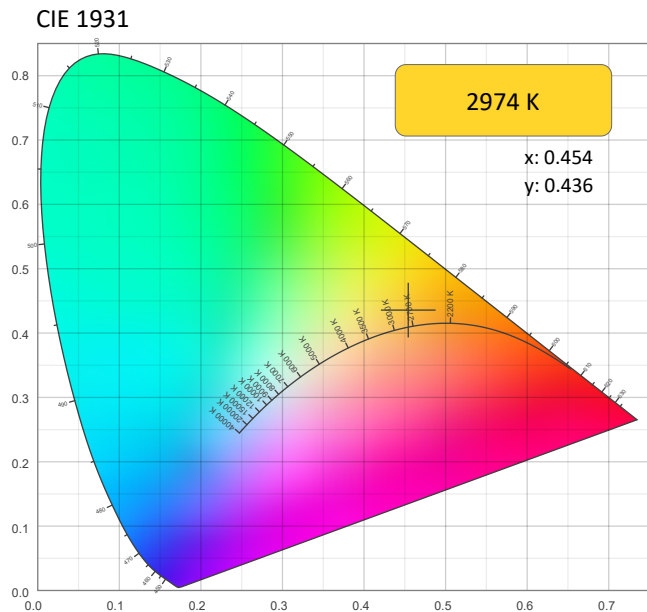
ISO Diagrams



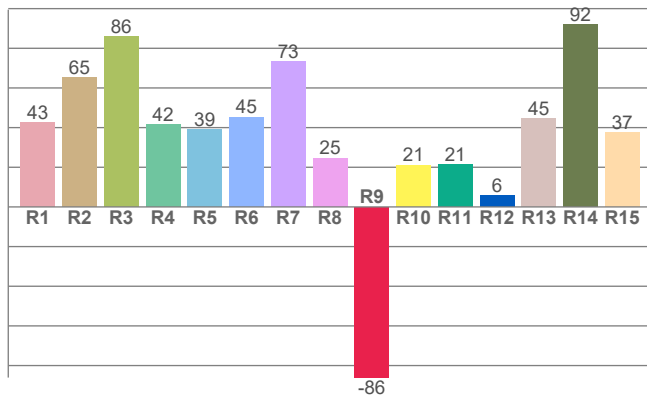
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-35

Chromaticity



CRI: 52.1 (R1-R8)

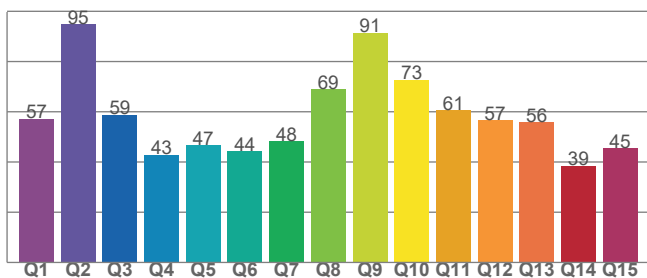


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2974 K	0.454	0.436

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0098	0.436	0.248

CQS: 55.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
52.1	-86.1	55.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	60.2	82.8

Photometric & Chromaticity Report

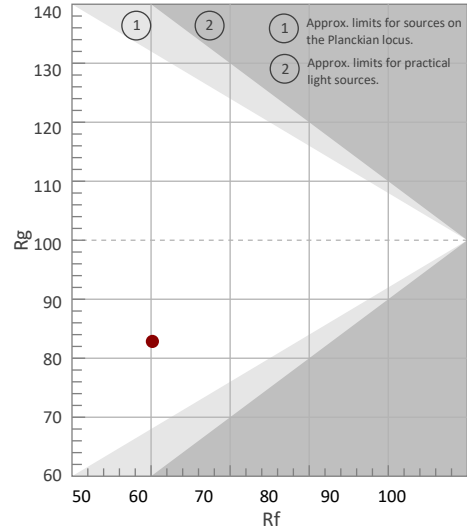
Maverick Storm 2 Profile: 50% Zoom-CTO - Full Power - Fan set to TV-35

TM-30 Details

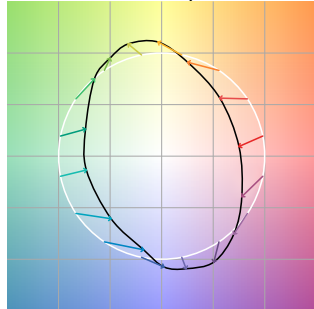
Rf 60.2
Fidelity Index (Rg)

Rg 82.8
Gammut Index (Rg)

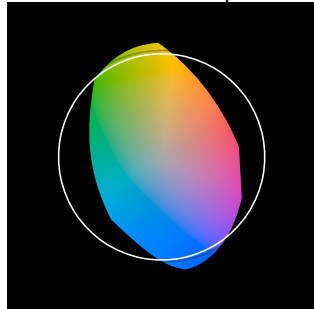
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	54	-25%	-5%
2	53	-22%	15%
3	42	-10%	30%
4	62	8%	25%
5	76	13%	11%
6	80	7%	-11%
7	59	-4%	-26%
8	61	-22%	-11%
9	59	-26%	-1%
10	47	-26%	23%
11	47	-15%	36%
12	61	5%	23%
13	81	12%	2%
14	72	13%	-15%
15	60	0%	-24%
16	64	-16%	-23%



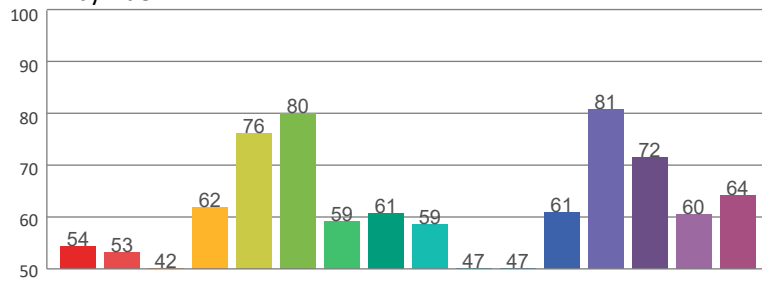
Color Vector Graphic



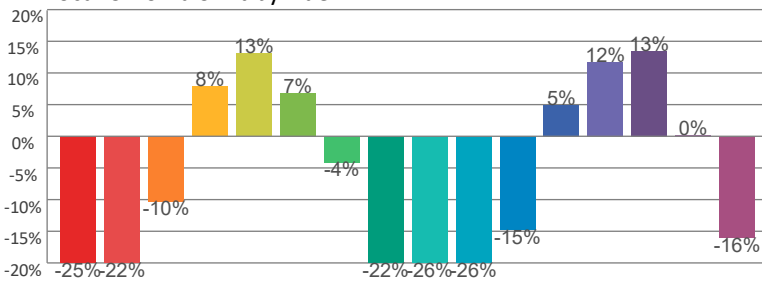
Color Distortion Graphic



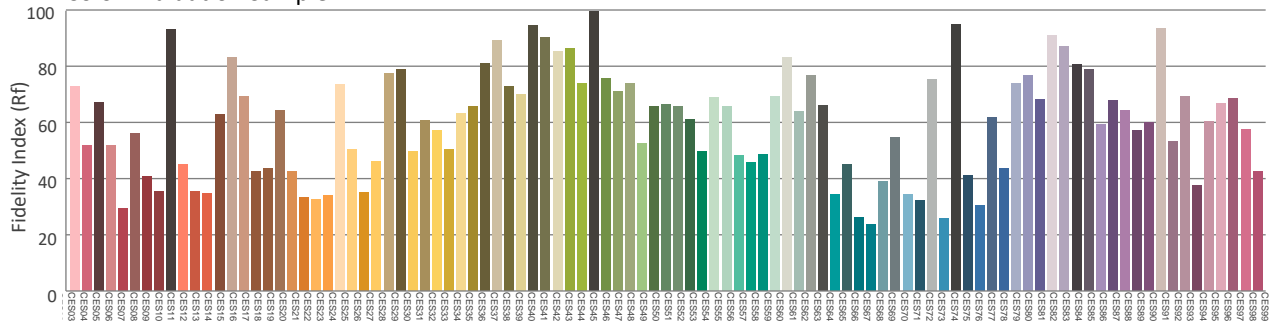
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-25

Report Summary

Measurements

Fixture Output: 19870 lm
Fixture Peak: 159183 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6367 lux
Color Temperature: 6895 K
CRI: 69.9 CRI R9 Value: -32.8
CQS: 70.3
TLCI: 49
TM-30 Rf: 71.1
TM-30 Rg: 95.2
Beam Angle (50%): 22.9°
Field Angle (10%): 28.6°
Cutoff Angle (3%): 29.5°

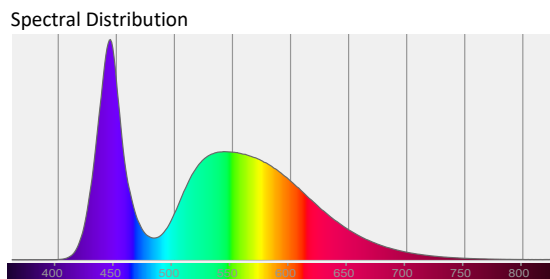
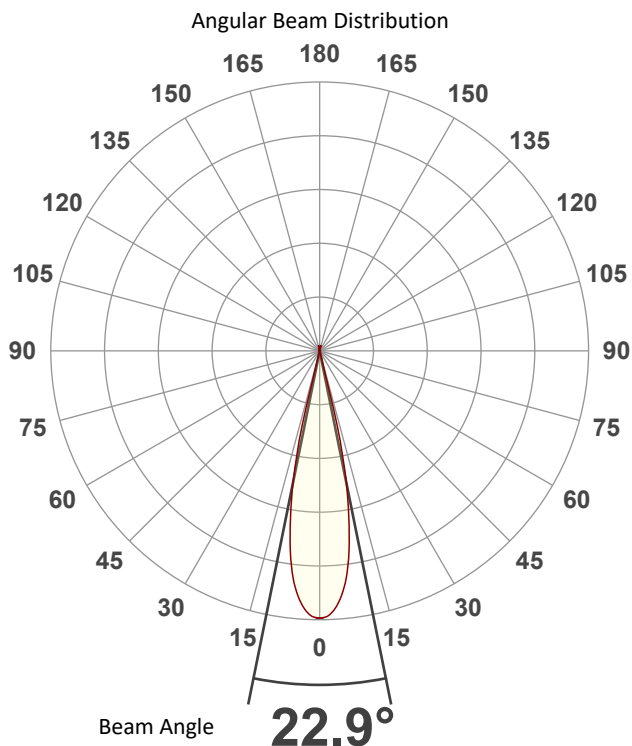


Conditions

AC Supply: 119 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

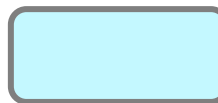
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.325



Light Quality

CRI: 69.9

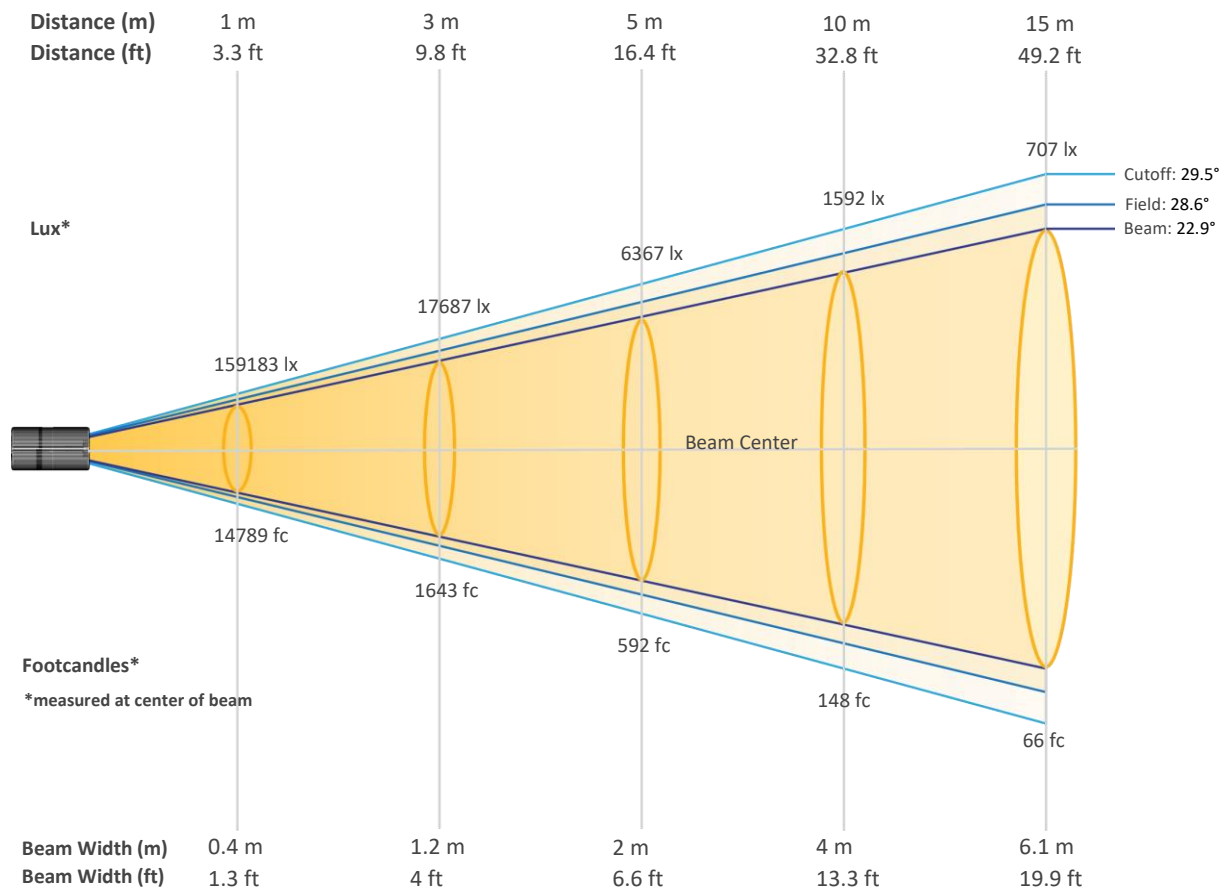
Color Temperature

6895 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-25

Beam Details

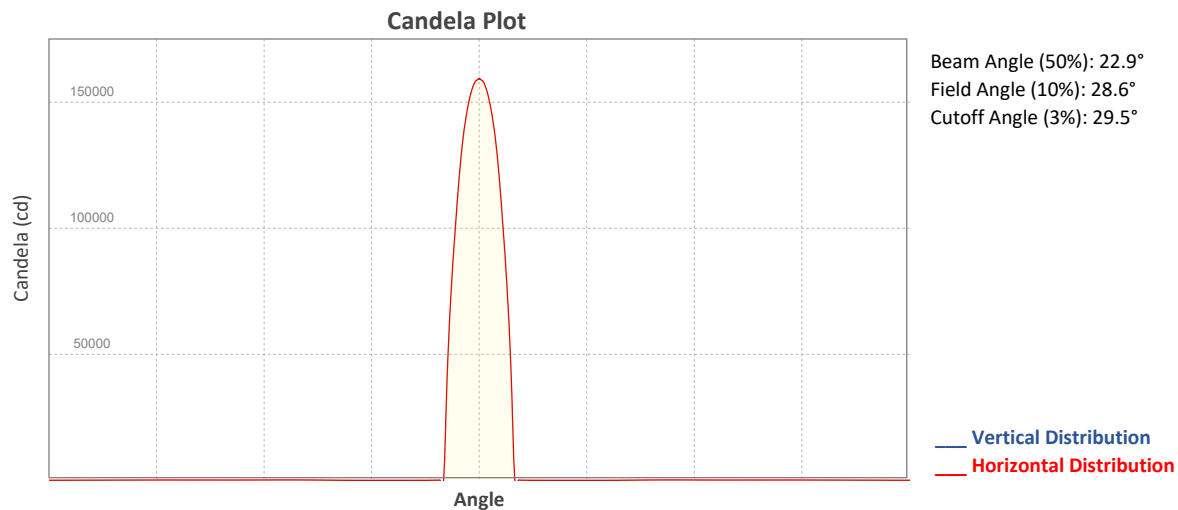


Beam Intensities from 1-20m (3.3-65.6ft)

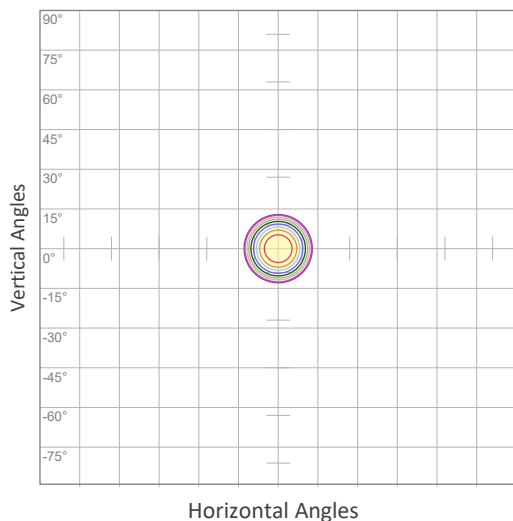
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	159183	39796	17687	9949	6367	4422	3249	2487	1965	1592
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1316	1105	942	812	707	622	551	491	441	398
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14789	3697	1643	924	592	411	302	231	183	148
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	122	103	88	75	66	58	51	46	41	37

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-25



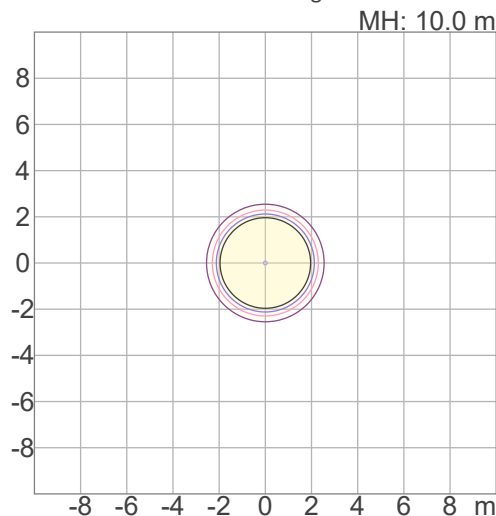
ISO Diagrams



ISO Candela Diagram

10%	15918 cd
20%	31837 cd
30%	47755 cd
40%	63673 cd
50%	79591 cd
60%	95510 cd
70%	111428 cd
80%	127346 cd
90%	143264 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 159183 cd



ISO Lux Diagram

3%	47.8 lx
5%	79.6 lx
10%	159 lx
30%	478 lx
50%	796 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1592 lx

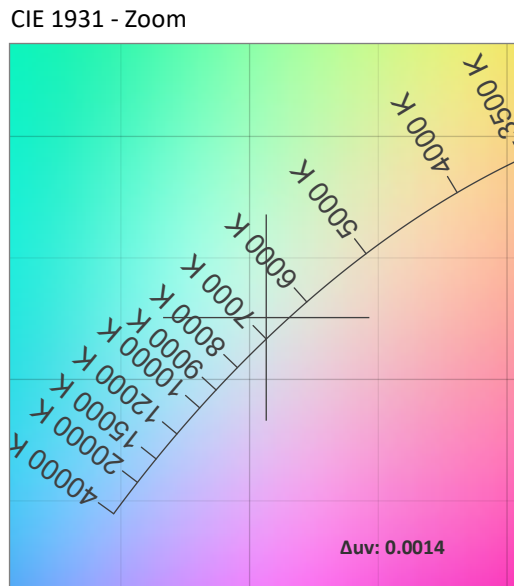
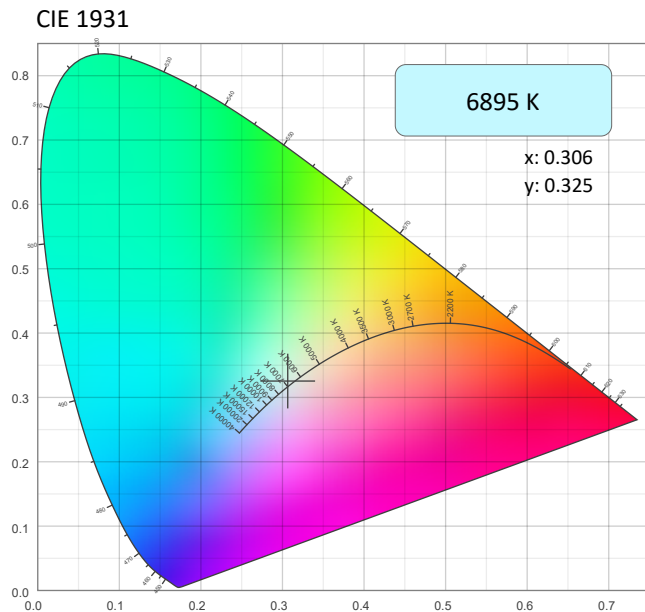
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

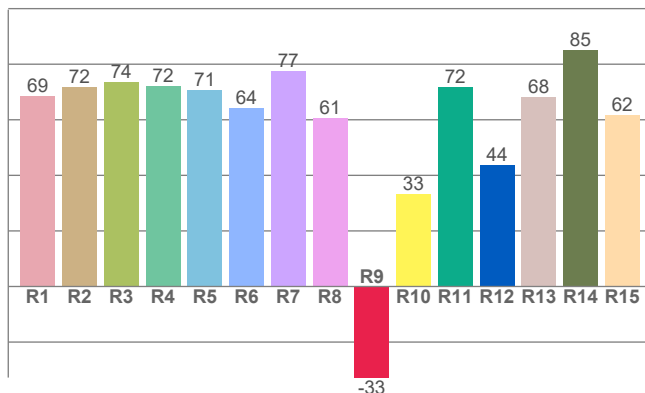
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-25

Chromaticity



CRI: 69.9 (R1-R8)

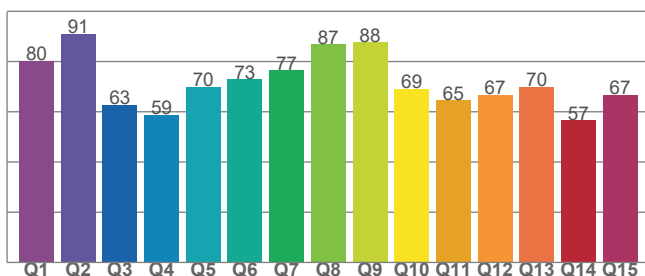


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6895 K	0.306	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.325	0.195

CQS: 70.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-32.8	70.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.1	95.2

Photometric & Chromaticity Report

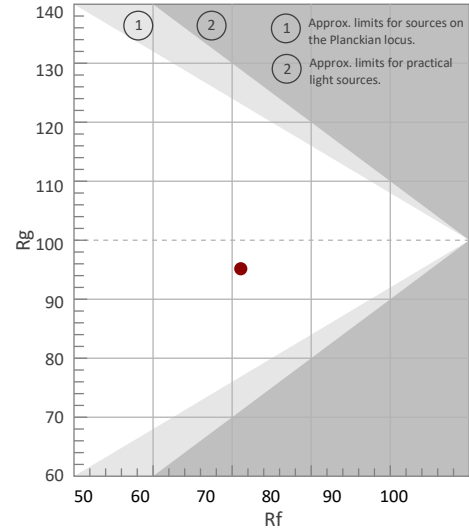
Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-25

TM-30 Details

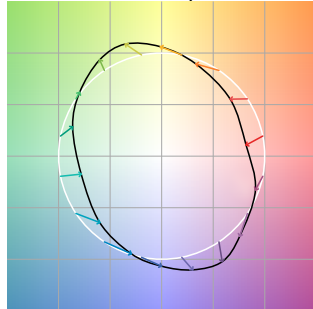
Rf 71.1
Fidelity Index (Rg)

Rg 95.2
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	9%
3	64	-7%	22%
4	65	4%	22%
5	71	13%	13%
6	82	11%	-2%
7	89	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-4%	-14%



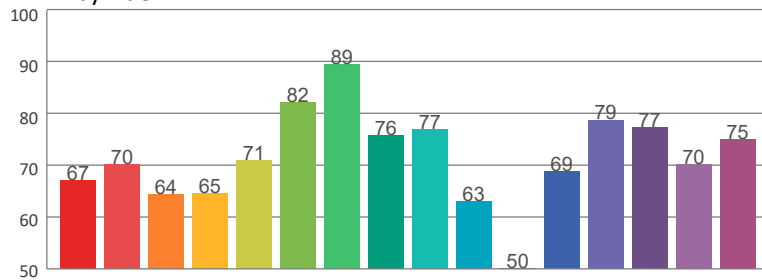
Color Vector Graphic



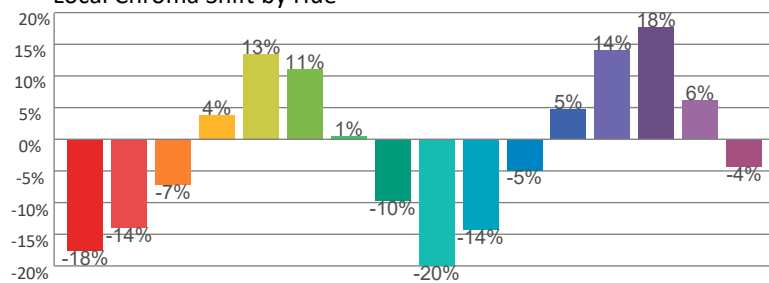
Color Distortion Graphic



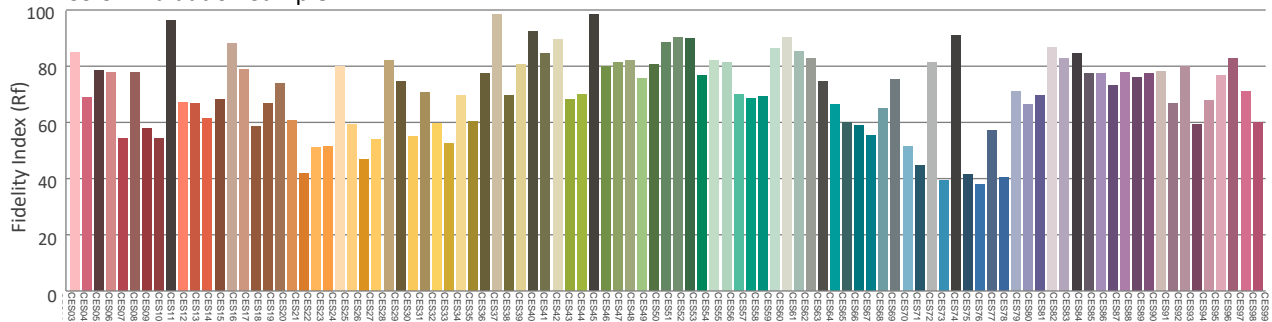
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-35

Report Summary

Measurements

Fixture Output: 20240 lm
Fixture Peak: 160100 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6404 lux
Color Temperature: 6893 K
CRI: 69.9 CRI R9 Value: -33.1
CQS: 70.2
TLCI: 49
TM-30 Rf: 71.0
TM-30 Rg: 95.2
Beam Angle (50%): 22.8°
Field Angle (10%): 28.8°
Cutoff Angle (3%): 29.9°

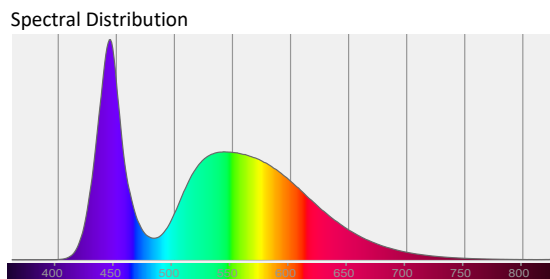
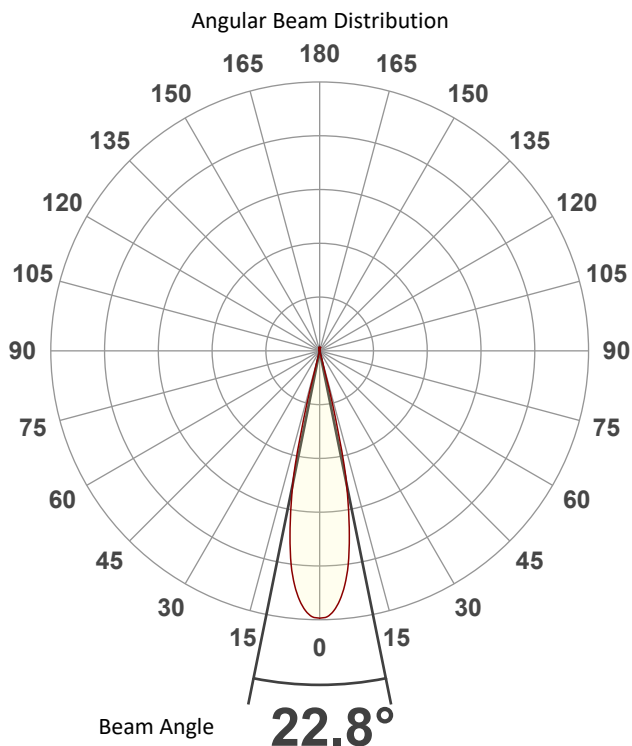


Conditions

AC Supply: 119 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/12/2022 to LM-63-2002 Standards.

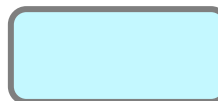
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.326



Light Quality

CRI: 69.9

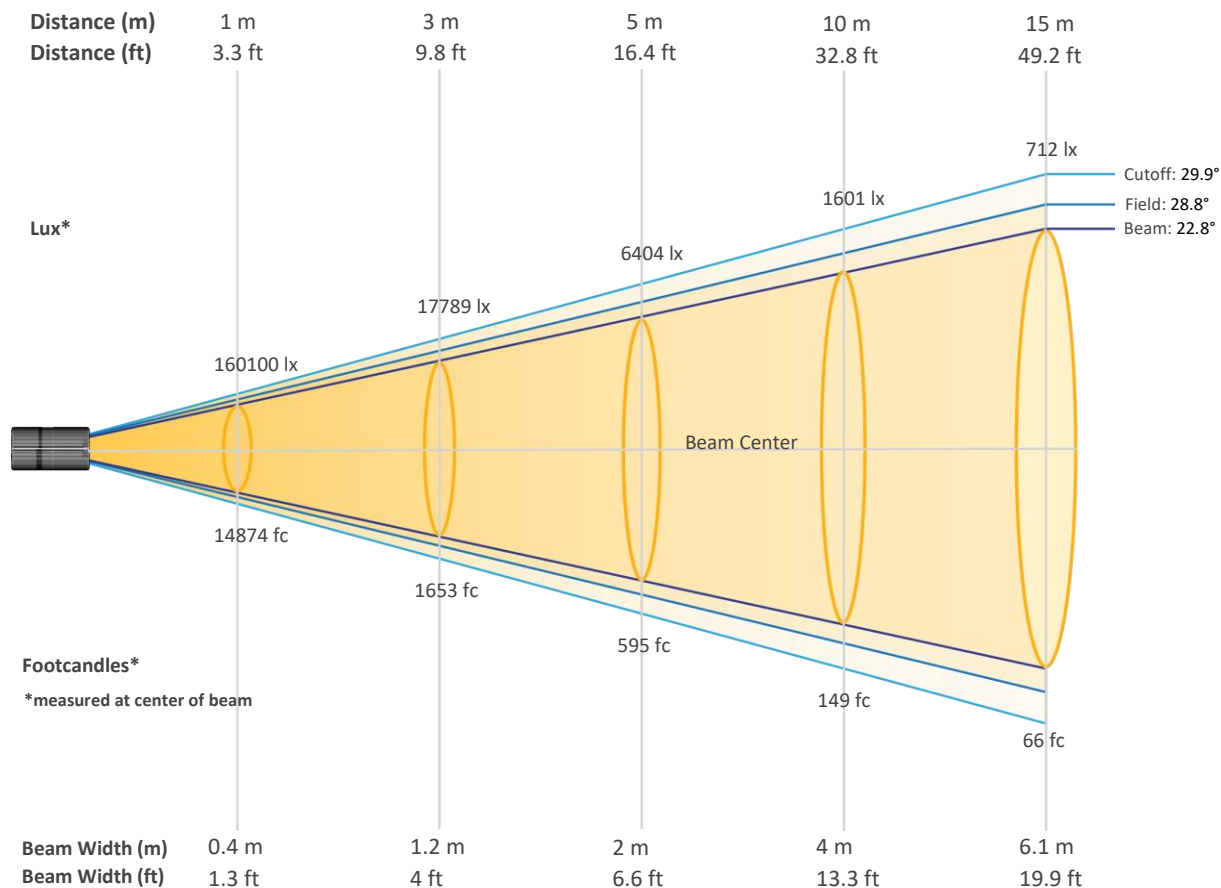
Color Temperature

6893 K

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-35

Beam Details

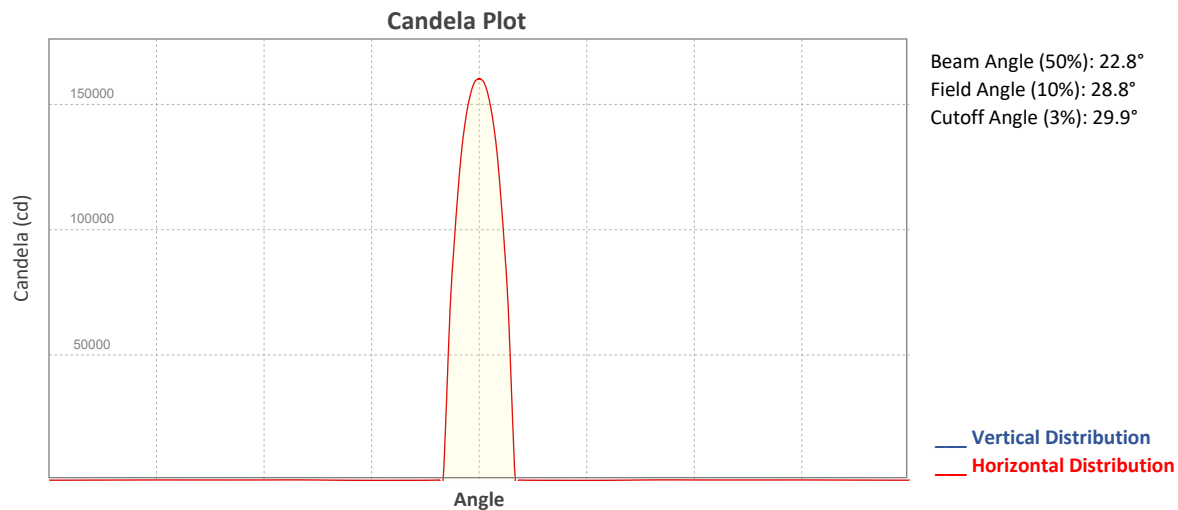


Beam Intensities from 1-20m (3.3-65.6ft)

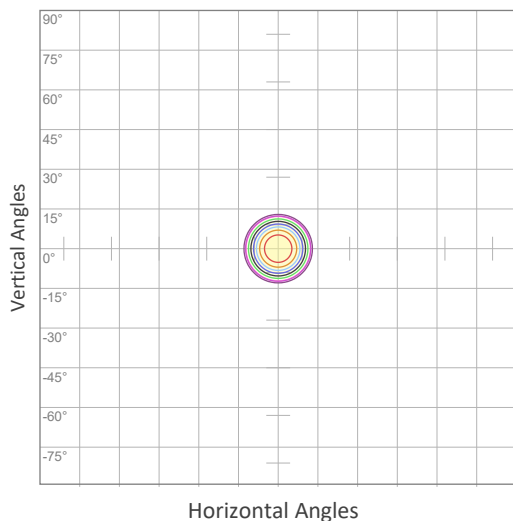
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	160100	40025	17789	10006	6404	4447	3267	2502	1977	1601
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1323	1112	947	817	712	625	554	494	443	400
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14874	3718	1653	930	595	413	304	232	184	149
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	123	103	88	76	66	58	51	46	41	37

Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-35



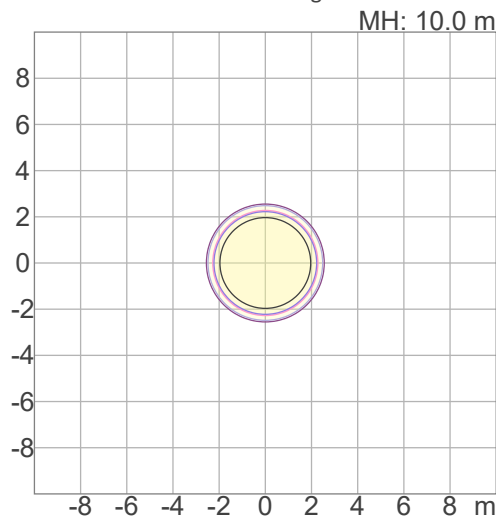
ISO Diagrams



ISO Candela Diagram

10%	16010 cd
20%	32020 cd
30%	48030 cd
40%	64040 cd
50%	80050 cd
60%	96060 cd
70%	112070 cd
80%	128080 cd
90%	144090 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 160100 cd



ISO Lux Diagram

3%	48.0 lx
5%	80.1 lx
10%	160 lx
30%	480 lx
50%	801 lx

Conditions:
 Number of c-planes: 2
 Candela at center: 1601 lx

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

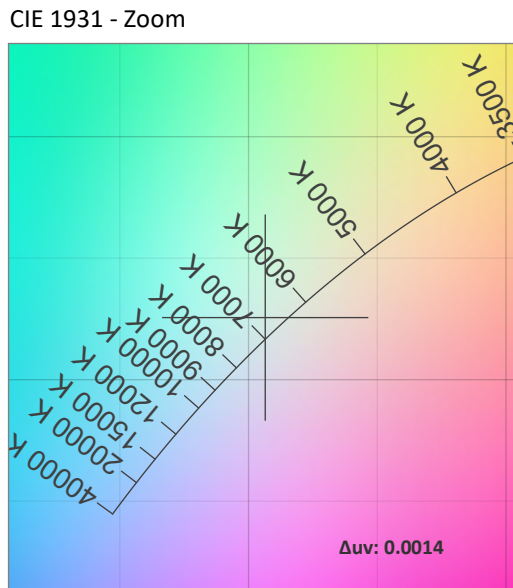
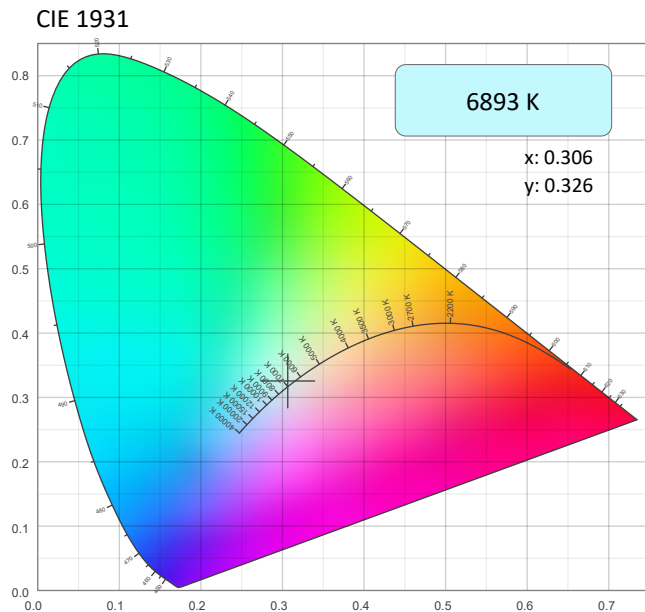
Mounting height: 10 meters / 33 feet



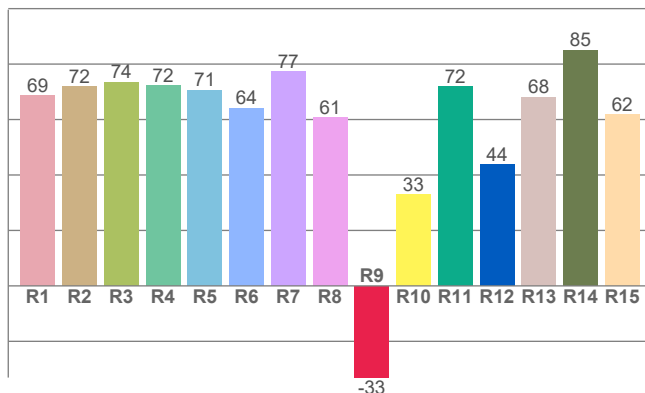
Photometric & Chromaticity Report

Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-35

Chromaticity



CRI: 69.9 (R1-R8)

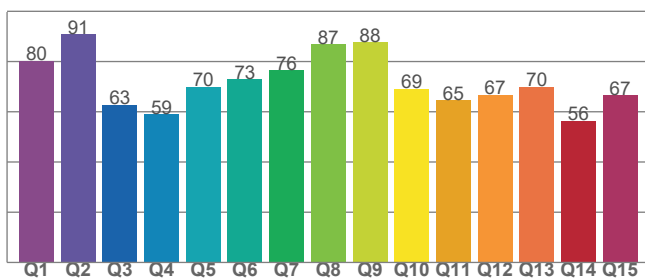


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6893 K	0.306	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.326	0.195

CQS: 70.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-33.1	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.0	95.2

Photometric & Chromaticity Report

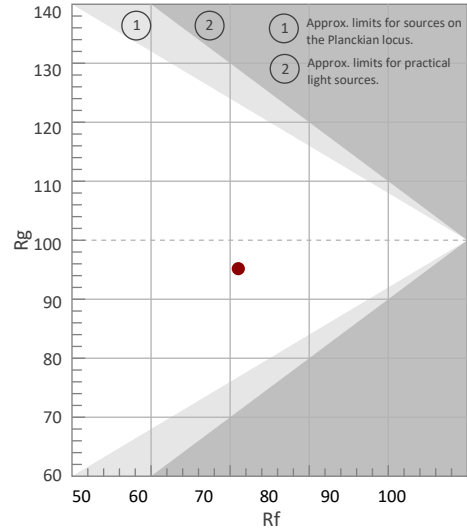
Maverick Storm 2 Profile: 50% Zoom - Full Power Stable - Fan set to TV-35

TM-30 Details

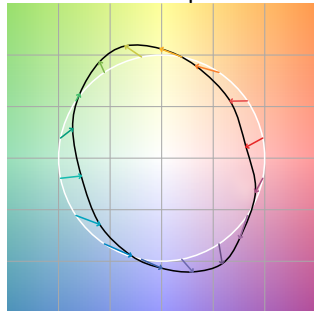
Rf 71.0
Fidelity Index (Rg)

Rg 95.2
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	70	-14%	9%
3	64	-7%	22%
4	64	4%	22%
5	71	14%	13%
6	82	11%	-2%
7	89	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	63	-14%	20%
11	50	-5%	28%
12	69	5%	21%
13	79	14%	8%
14	77	18%	-8%
15	70	6%	-23%
16	75	-4%	-14%



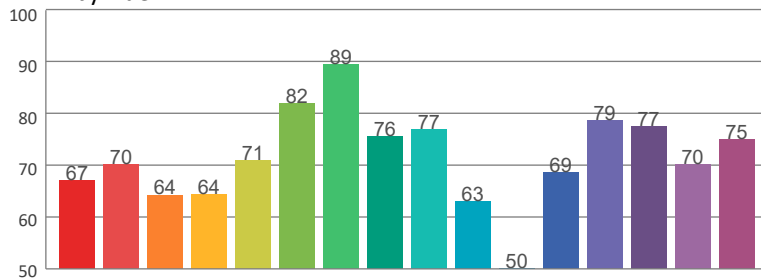
Color Vector Graphic



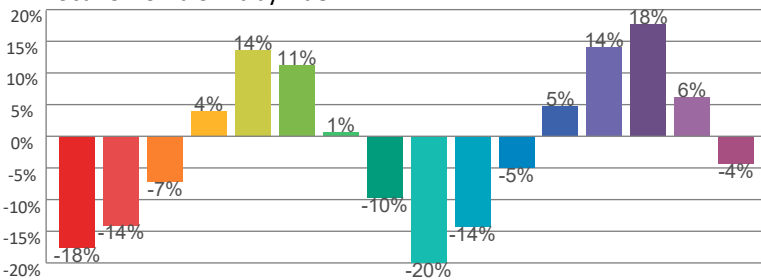
Color Distortion Graphic



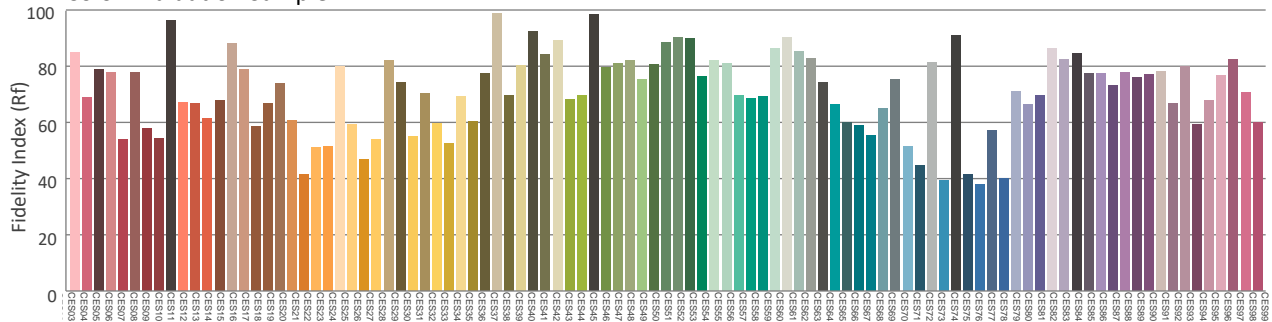
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

General Information	Technical Support
Chauvet World Headquarters	
3360 Davie Rd. 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.	
Unit 1C Brookhill Road Industrial Estate Pinxton, Nottingham, UK NG16 6NT 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@chauvetlighting.de Website: www.chauvetprofessional.eu

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.