

MAVERICK STORM

3 BEAMWASH

PHOTOMETRICS REPORT



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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 Davie, 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
3 BEAMWASH

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Full power

Report Summary

Measurements

Fixture Output: 18594 lm
Fixture Peak: 55274 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2211 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 36.4°
Field Angle (10%): 48.7°
Cutoff Angle (3%): 53.8°

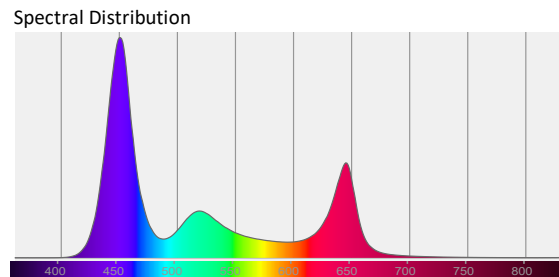
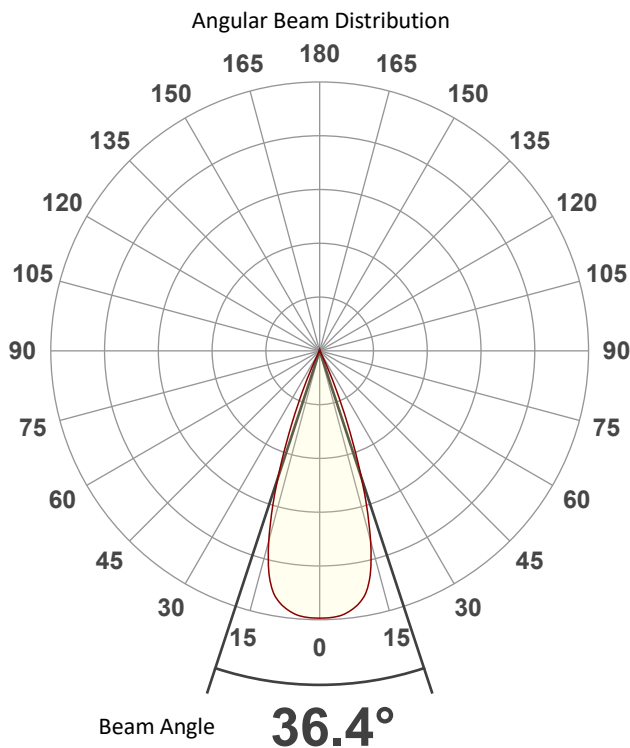


Conditions

AC Supply: 105 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

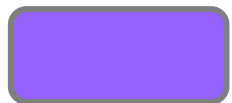
Overall Measurement



Tested Color (CIE 1931):

X: 0.238

Y: 0.175



Light Quality

CRI: 0.0

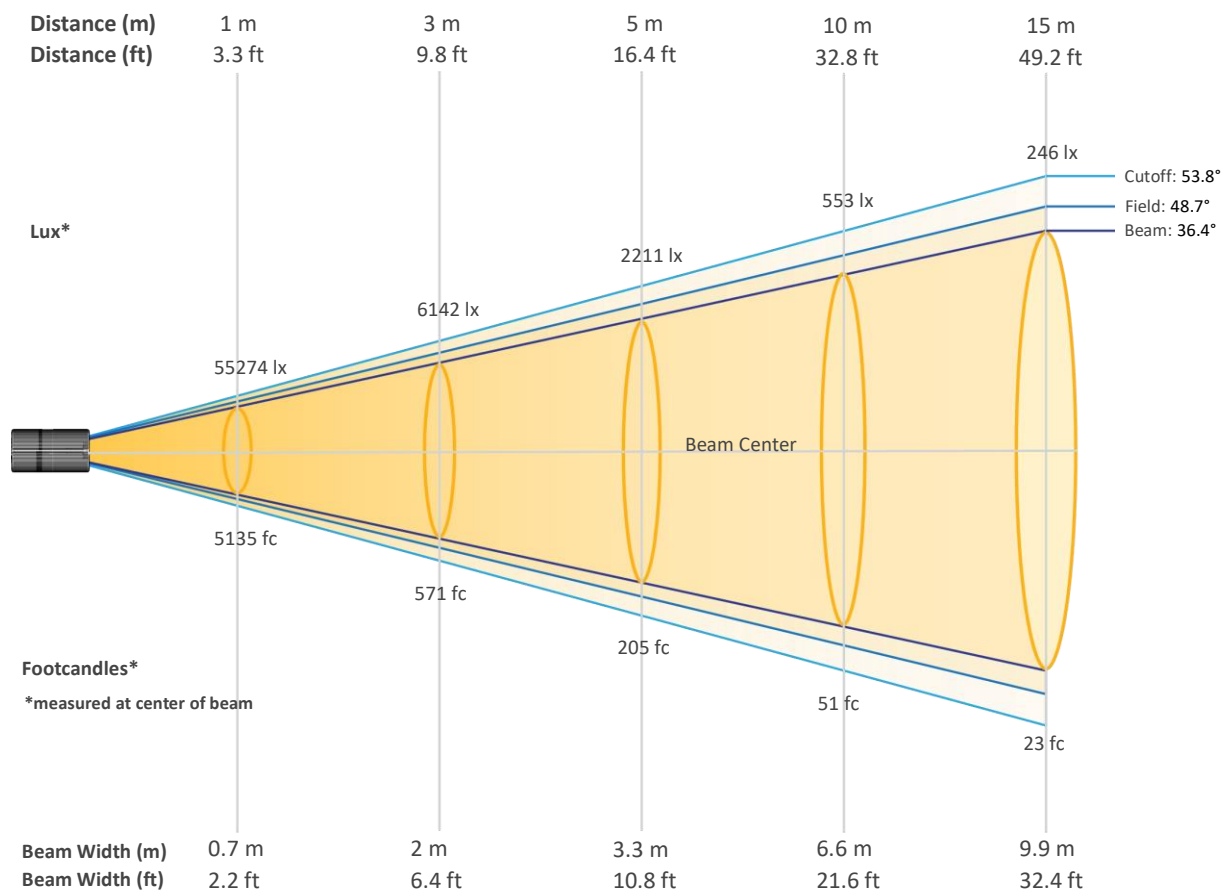
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Full power

Beam Details

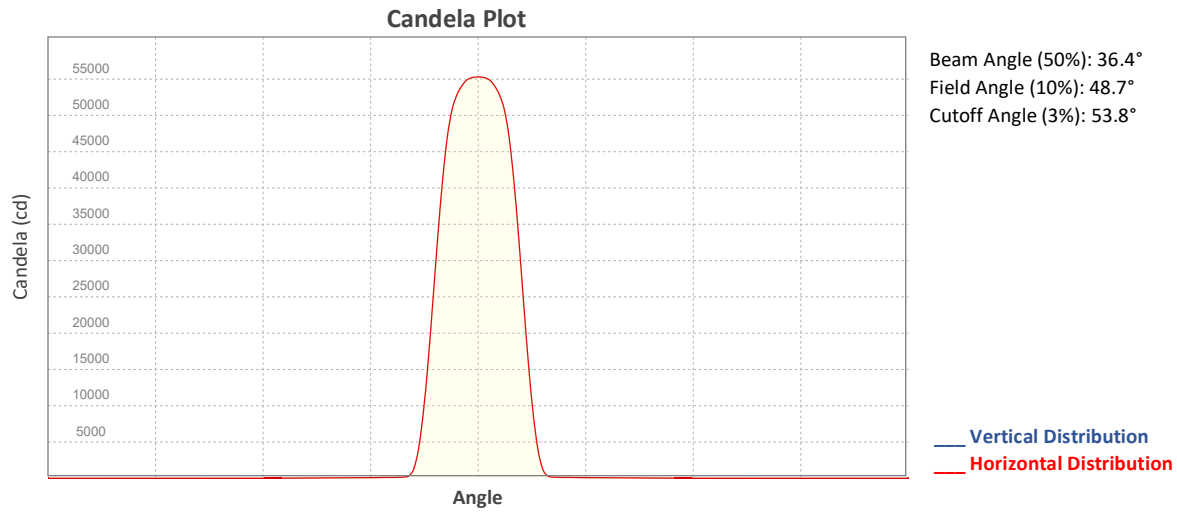


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	55274	13819	6142	3455	2211	1535	1128	864	682	553
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	457	384	327	282	246	216	191	171	153	138
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5135	1284	571	321	205	143	105	80	63	51
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	42	36	30	26	23	20	18	16	14	13

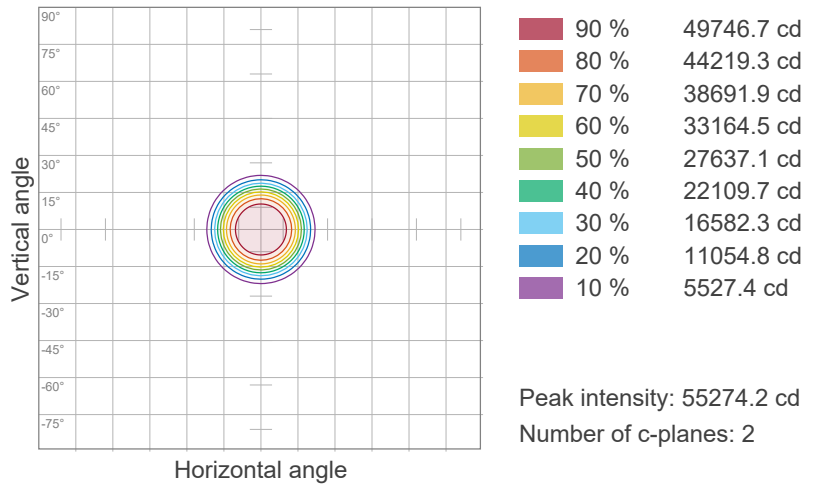
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Full power

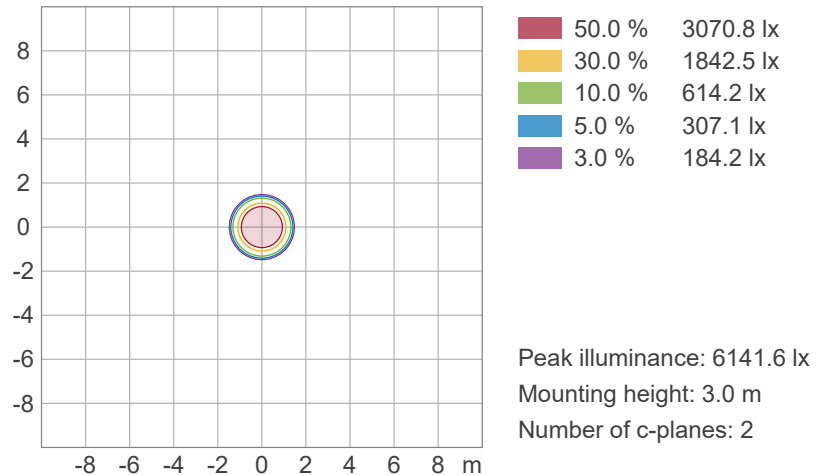


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

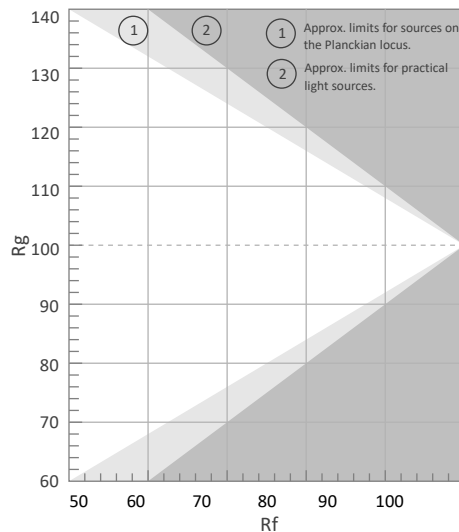
Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Full power

TM-30 Details

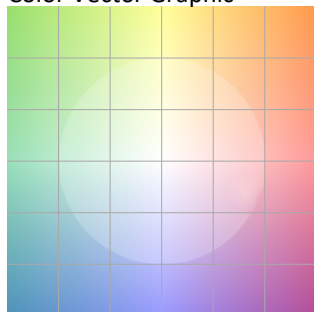
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

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



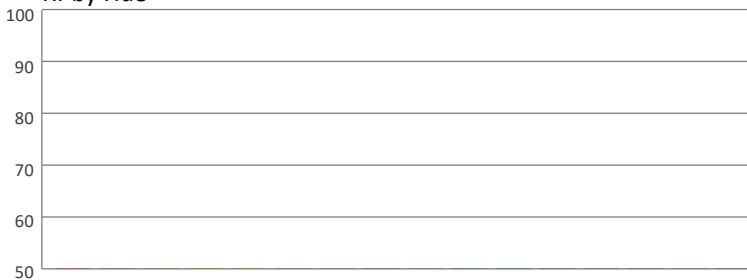
Color Vector Graphic



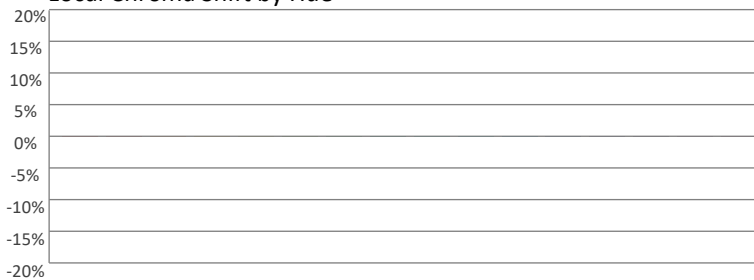
Color Distortion Graphic



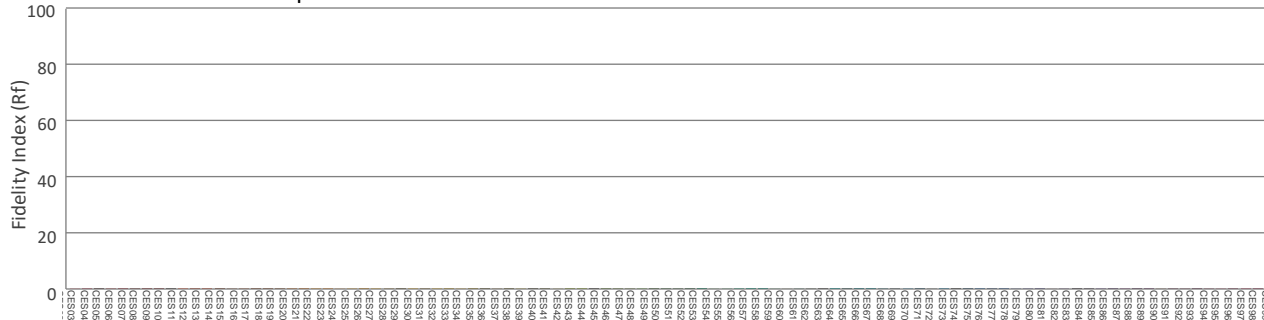
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Red

Report Summary

Measurements

Fixture Output: 3357 lm
Fixture Peak: 10460 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 418 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 35.3°
Field Angle (10%): 47.9°
Cutoff Angle (3%): 53.9°

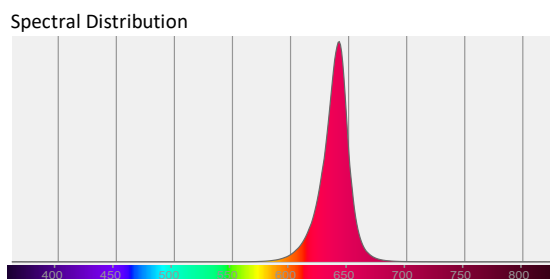
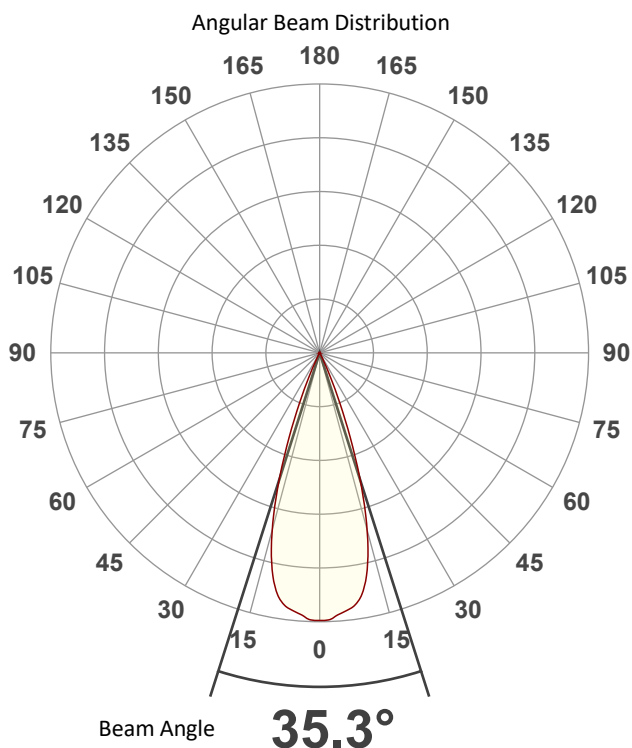


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.296



Light Quality

CRI: 0.0

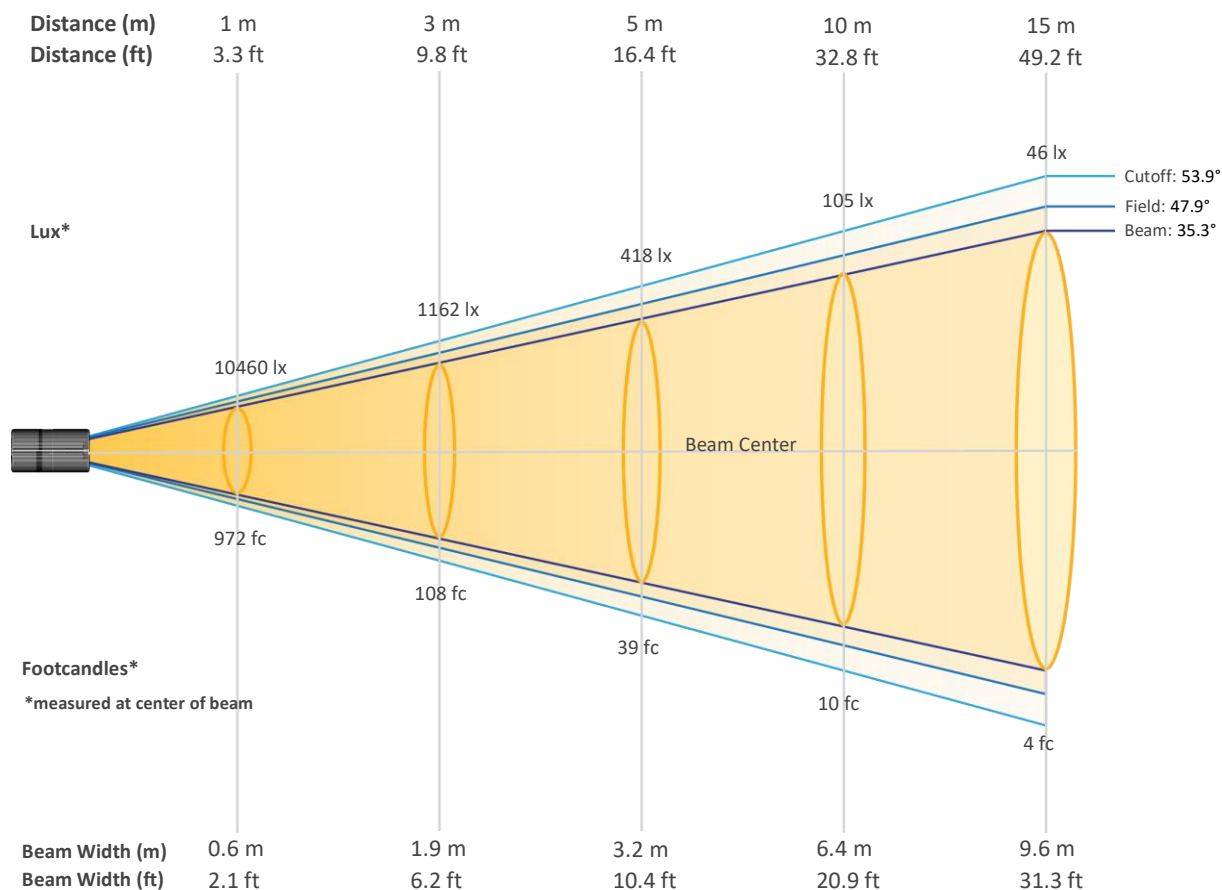
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Red Only

Beam Details

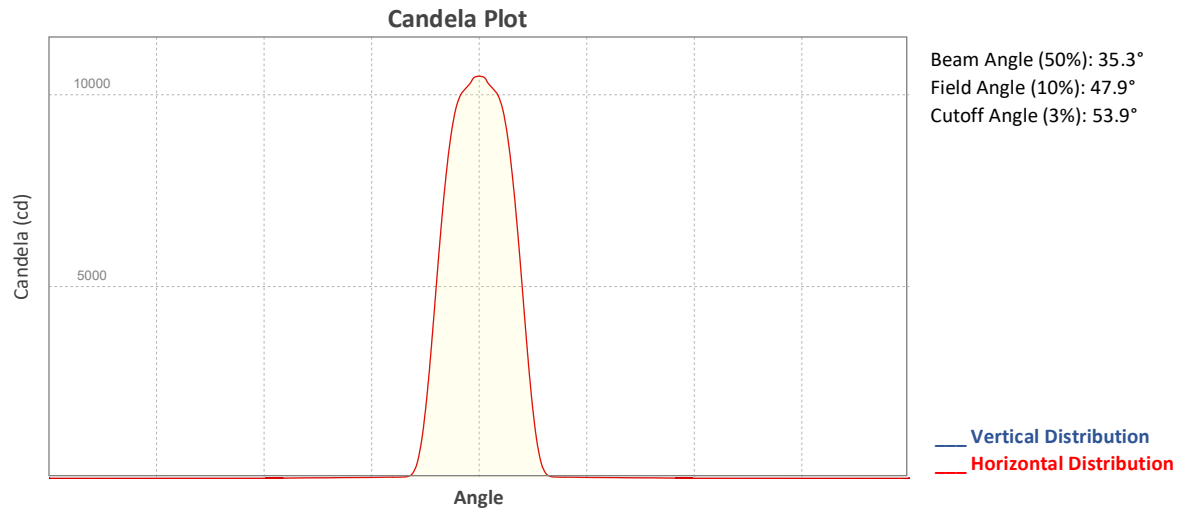


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10460	2615	1162	654	418	291	213	163	129	105
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	86	73	62	53	46	41	36	32	29	26
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	972	243	108	61	39	27	20	15	12	10
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	8	7	6	5	4	4	3	3	3	2

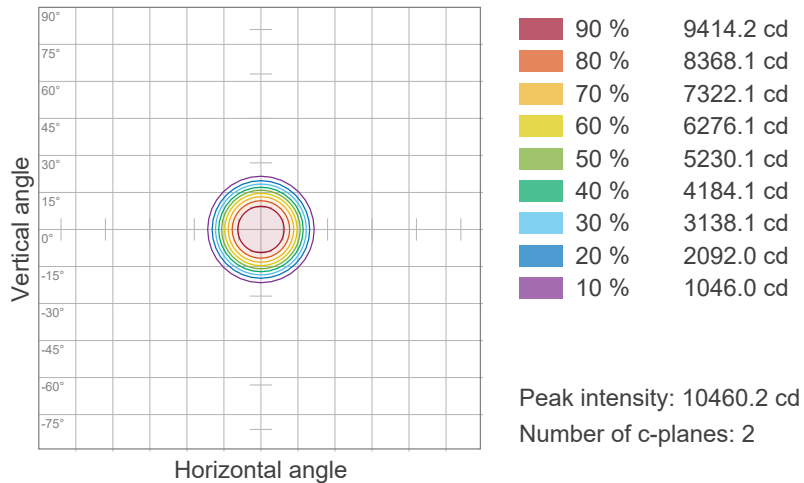
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Red Only

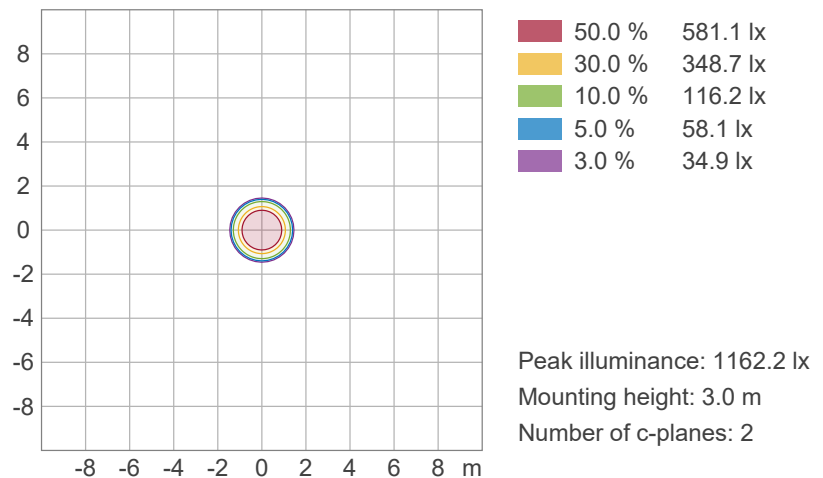


ISO Diagrams

ISO Candela Diagram



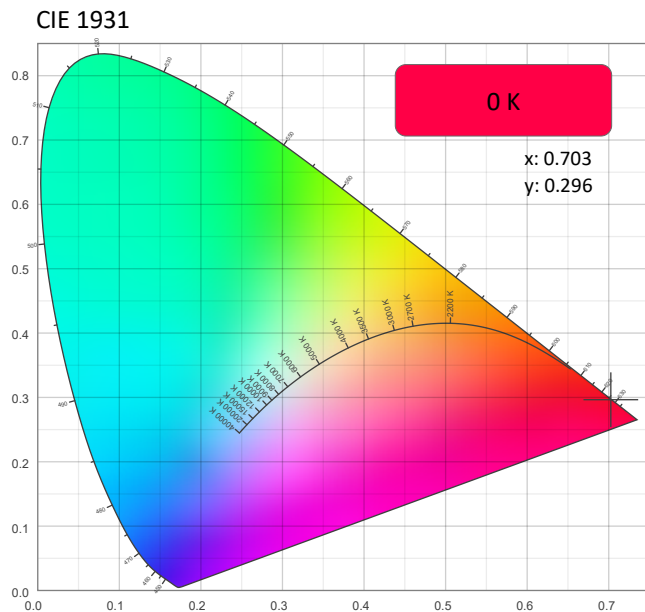
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.703	0.296

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.296	0.545

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

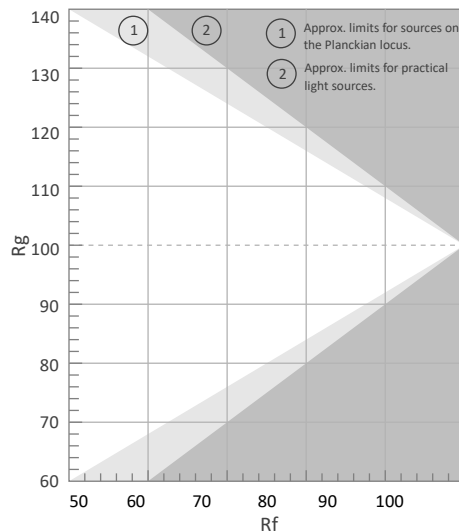
Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Red Only

TM-30 Details

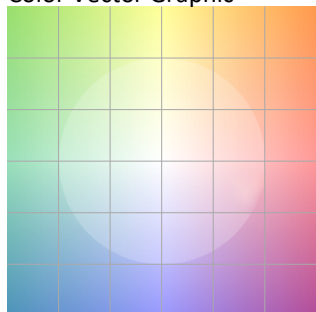
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

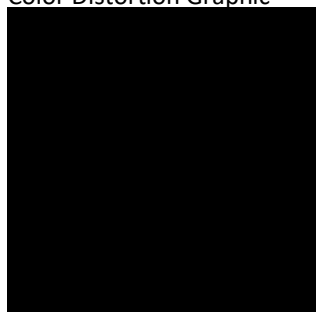
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



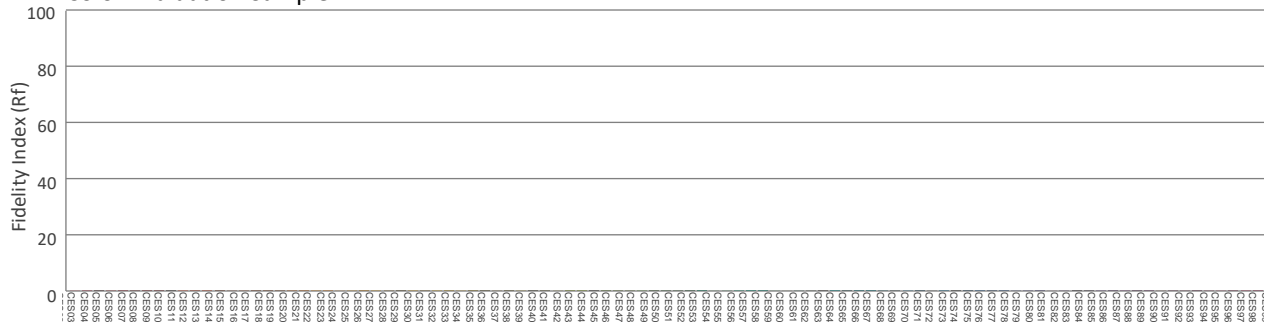
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Green

Report Summary

Measurements

Fixture Output: 6070 lm
Fixture Peak: 18257 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 730 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 36°
Field Angle (10%): 48.4°
Cutoff Angle (3%): 54°

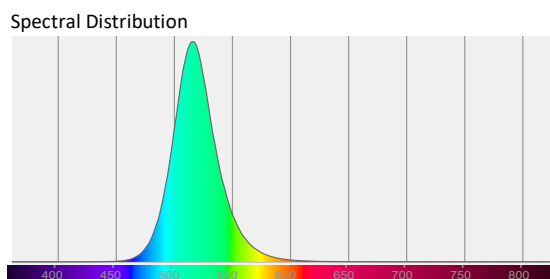
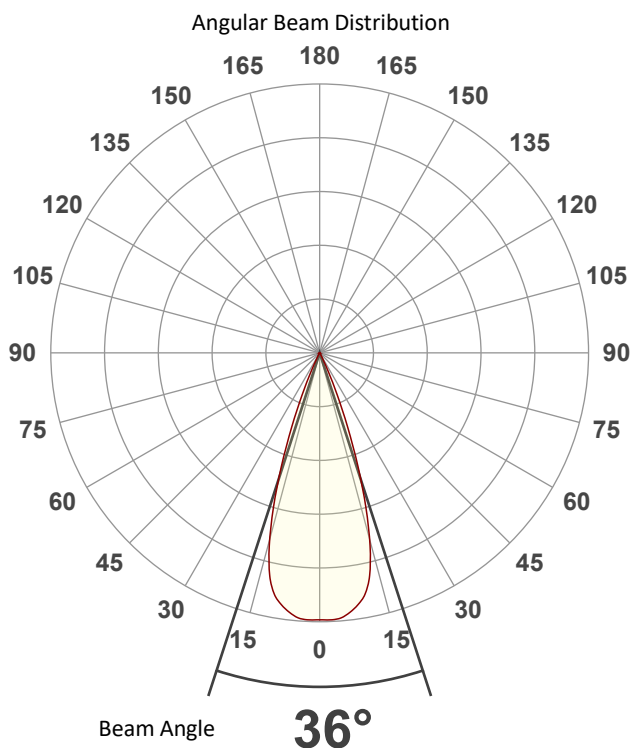


Conditions

AC Supply: 114 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.145

Y: 0.684



Light Quality

CRI: 0.0

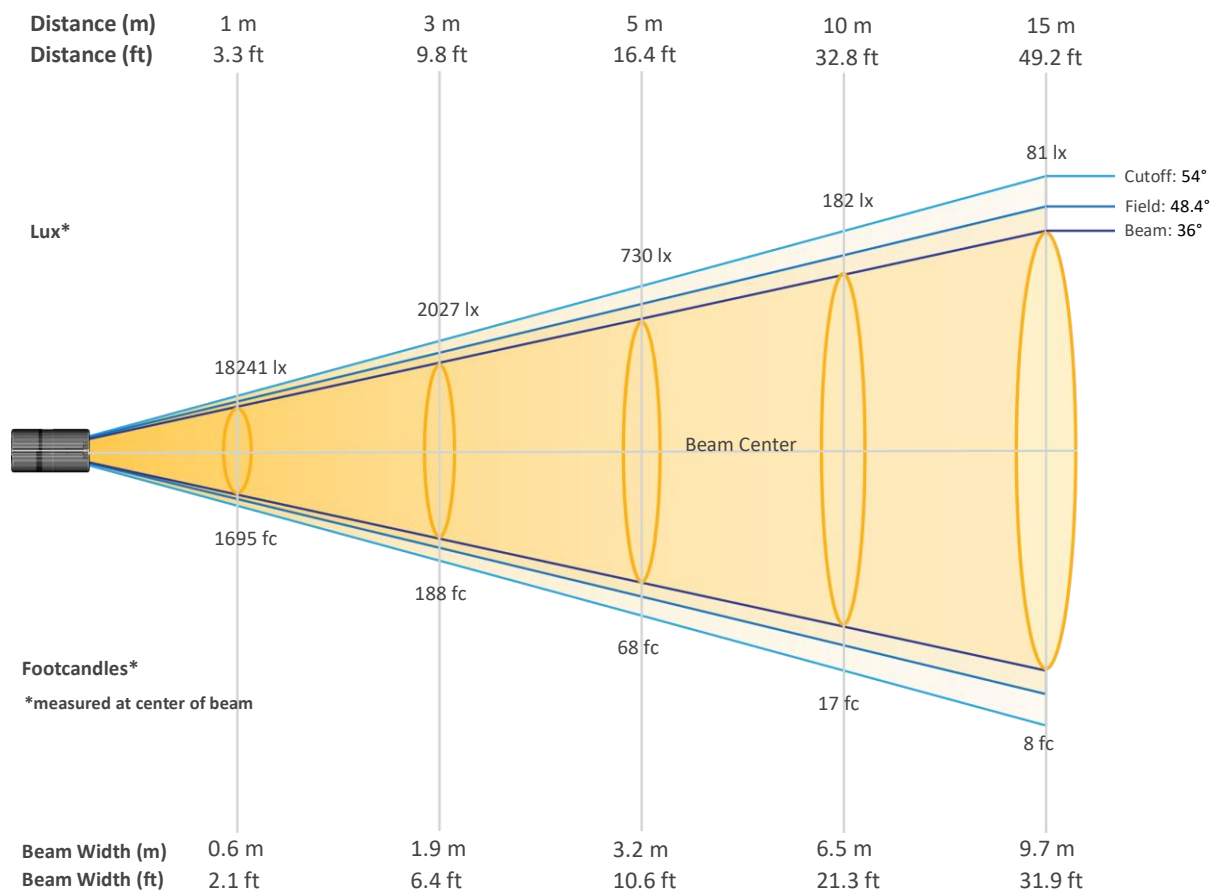
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Green Only

Beam Details

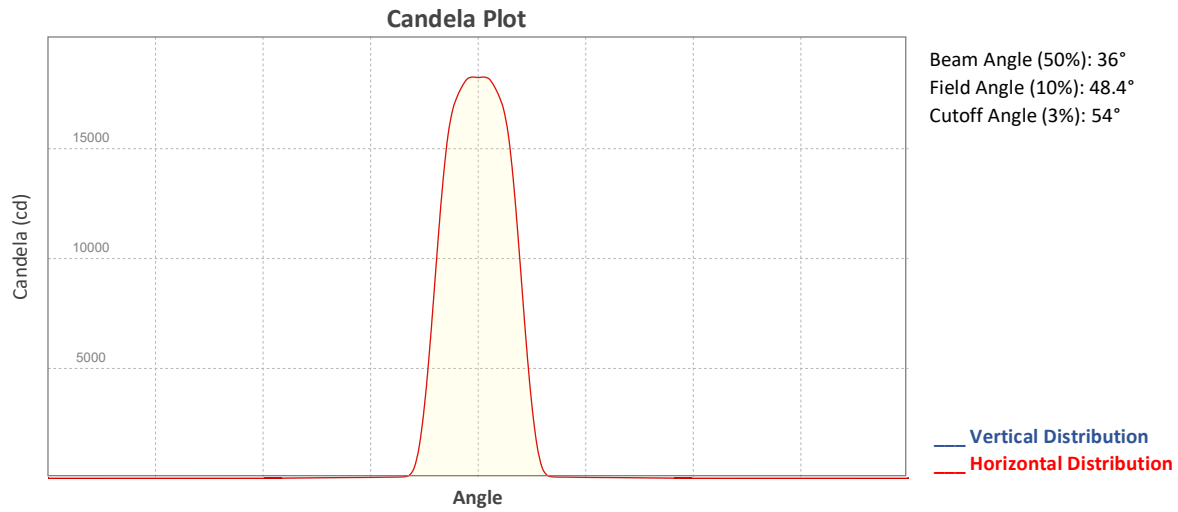


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18241	4560	2027	1140	730	507	372	285	225	182
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	151	127	108	93	81	71	63	56	51	46
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1695	424	188	106	68	47	35	26	21	17
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	14	12	10	9	8	7	6	5	5	4

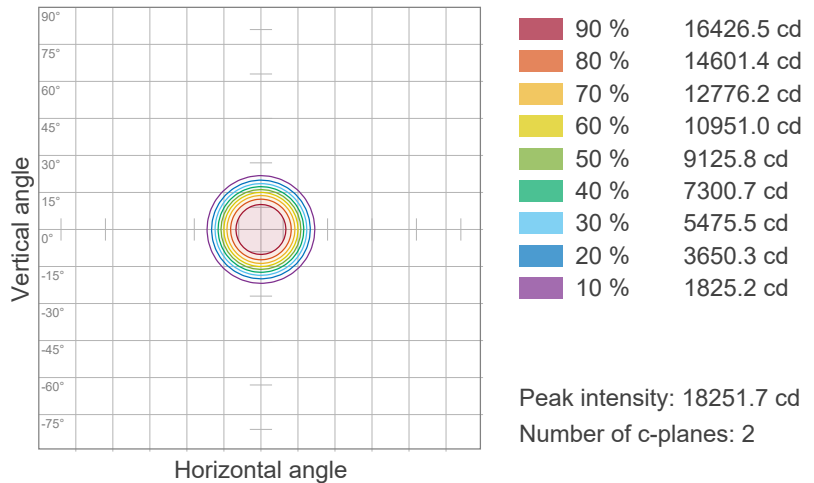
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Green Only

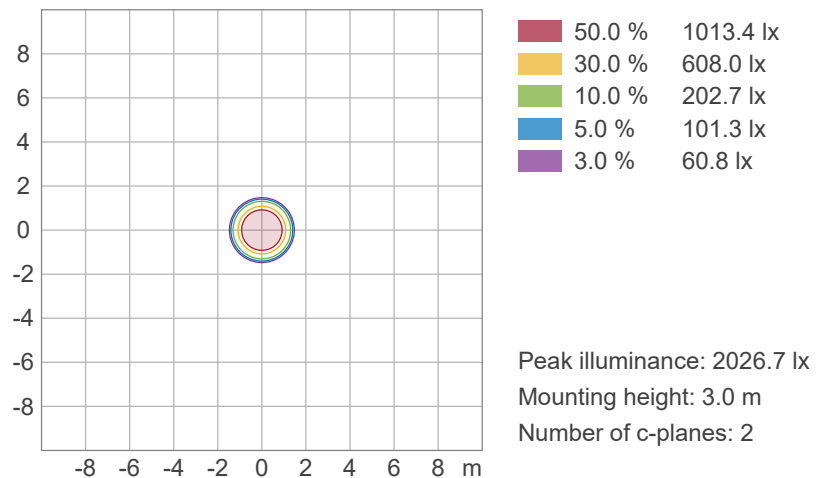


ISO Diagrams

ISO Candela Diagram



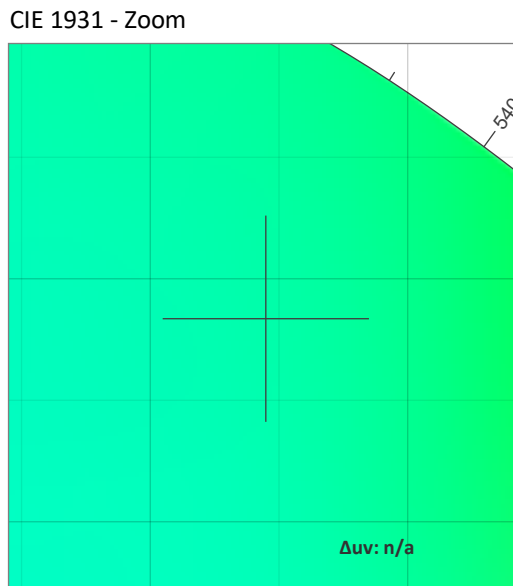
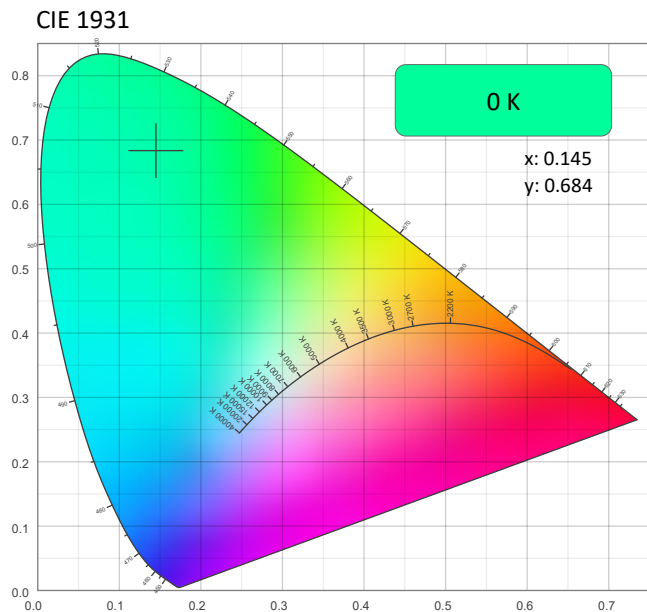
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.145	0.684

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.684	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

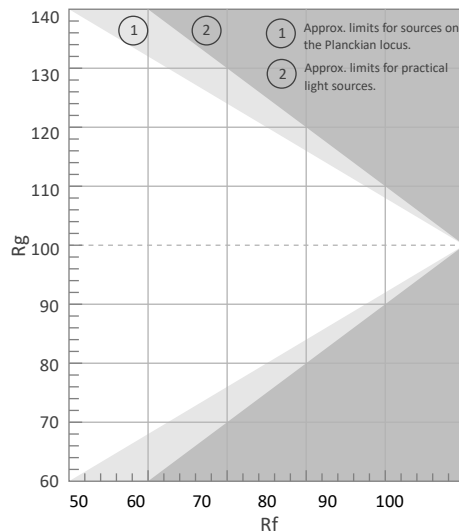
Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Green Only

TM-30 Details

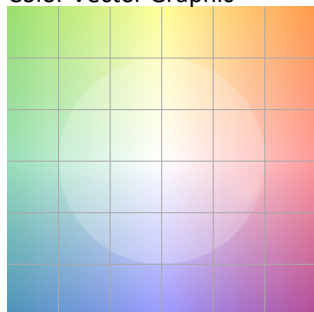
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



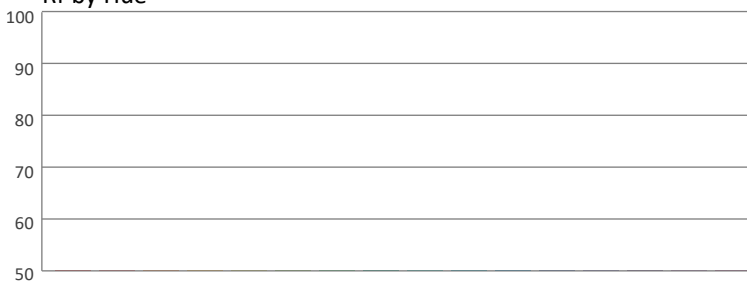
Color Vector Graphic



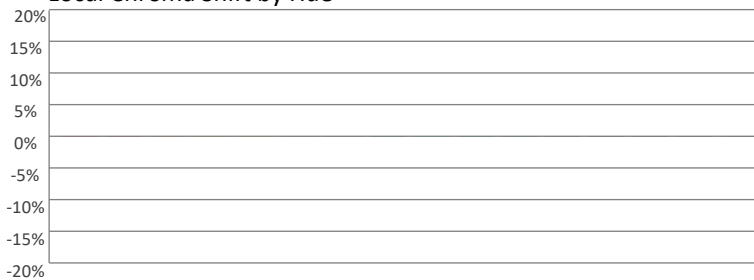
Color Distortion Graphic



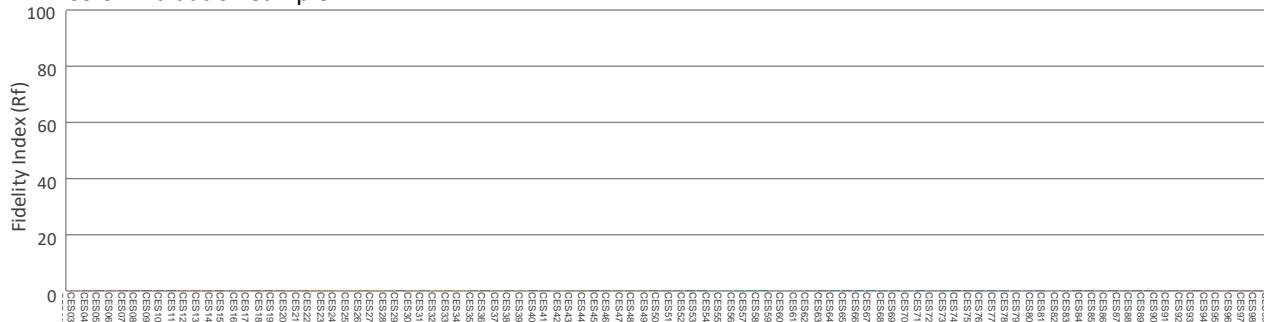
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Blue

Report Summary

Measurements

Fixture Output: 1880 lm
Fixture Peak: 5547 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 222 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 36.2°
Field Angle (10%): 48.3°
Cutoff Angle (3%): 54°

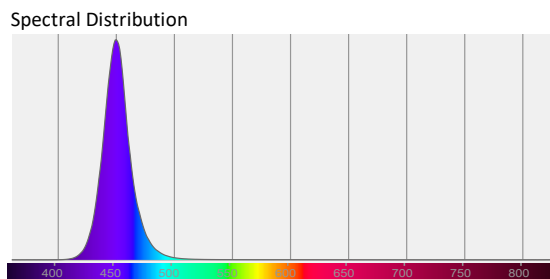
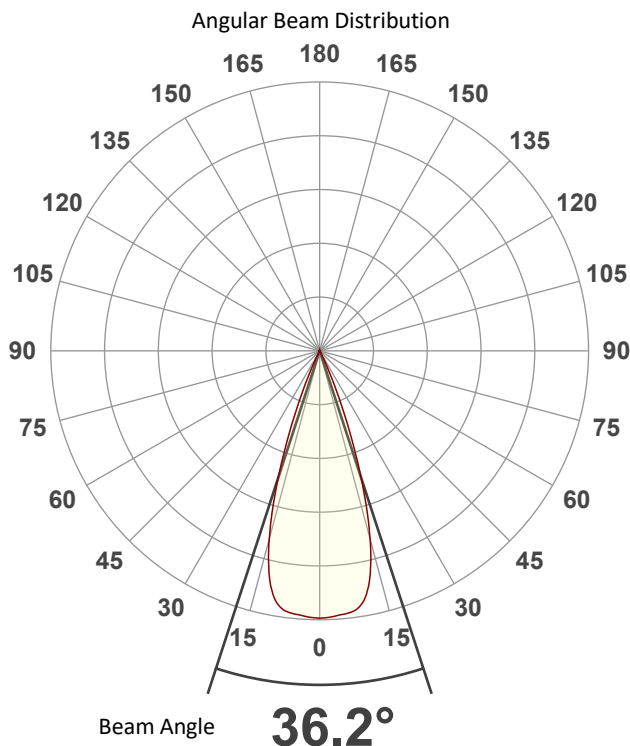


Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

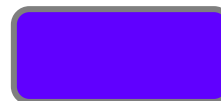
Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.025



Light Quality

CRI: 0.0

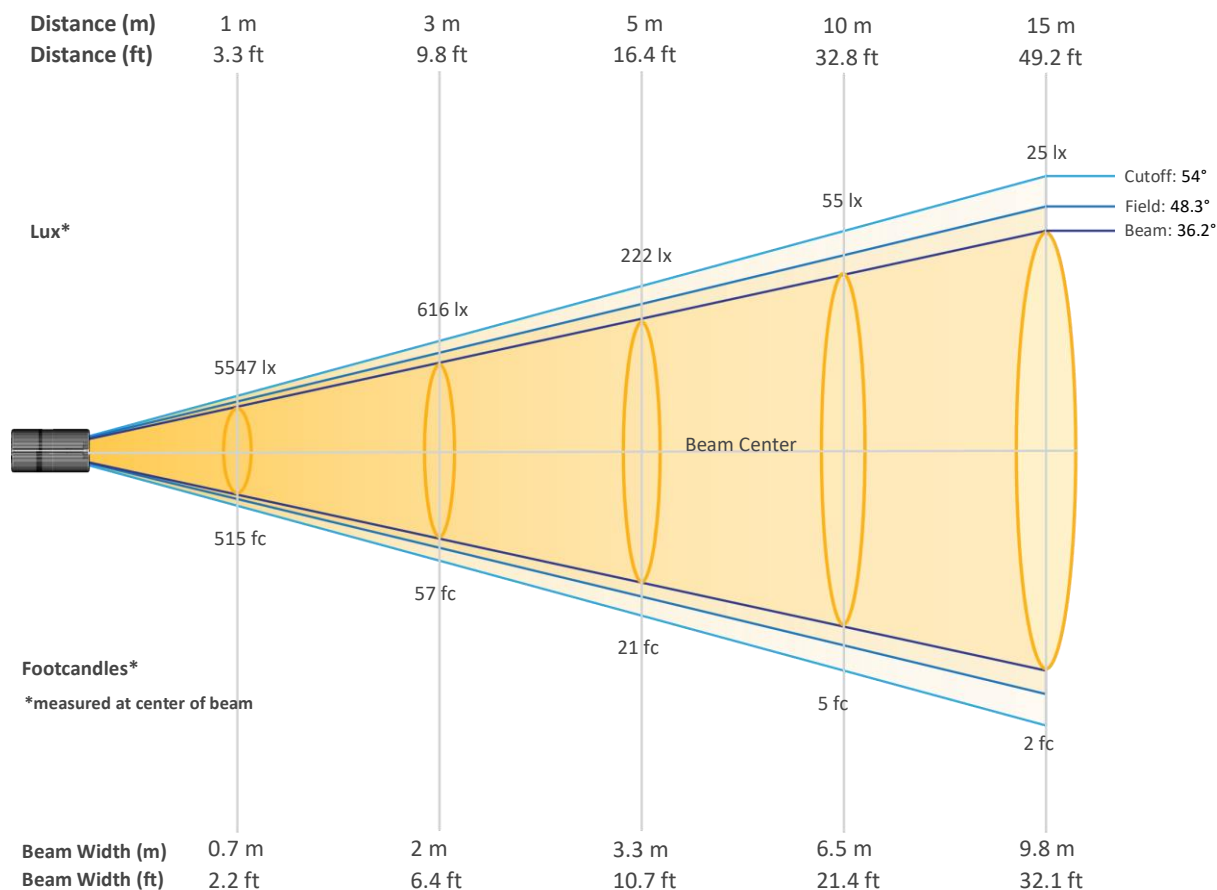
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Blue Only

Beam Details

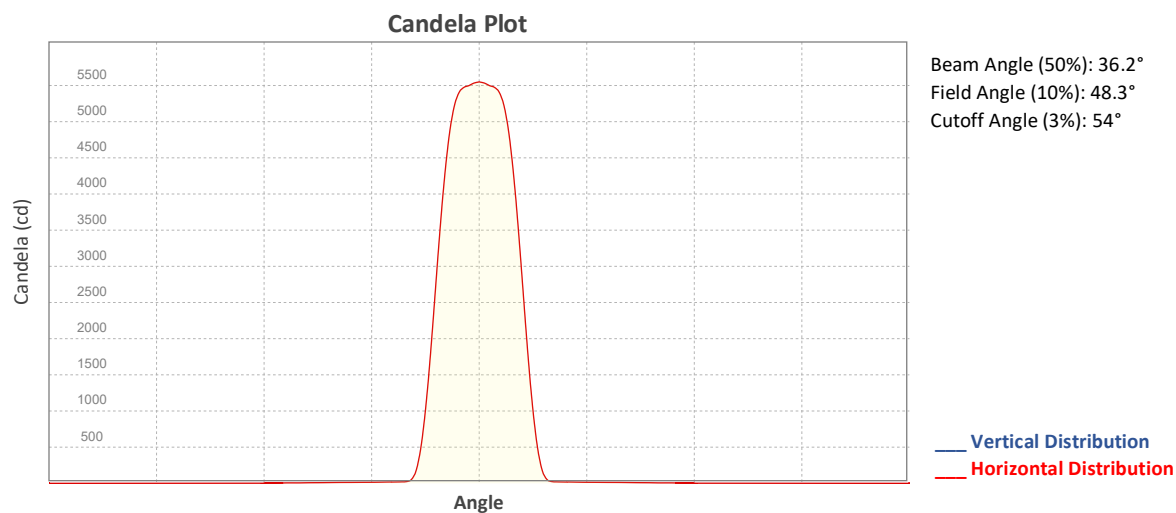


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5547	1387	616	347	222	154	113	87	68	55
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	46	39	33	28	25	22	19	17	15	14
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	515	129	57	32	21	14	11	8	6	5
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	4	4	3	3	2	2	2	2	1	1

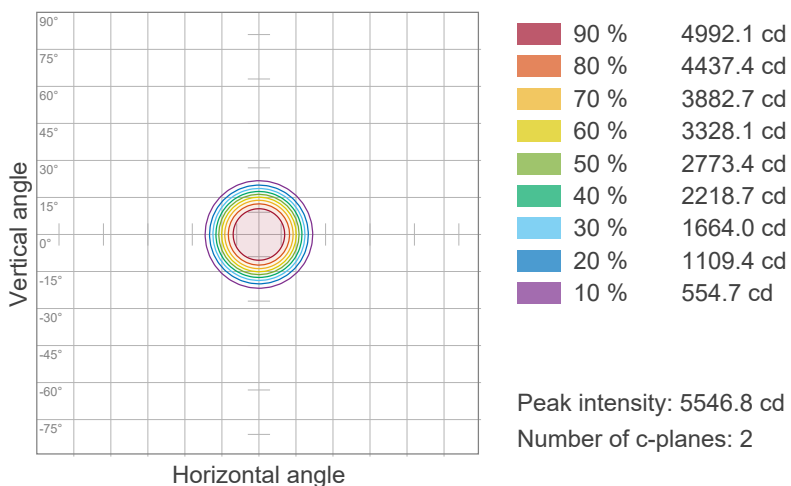
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Blue Only

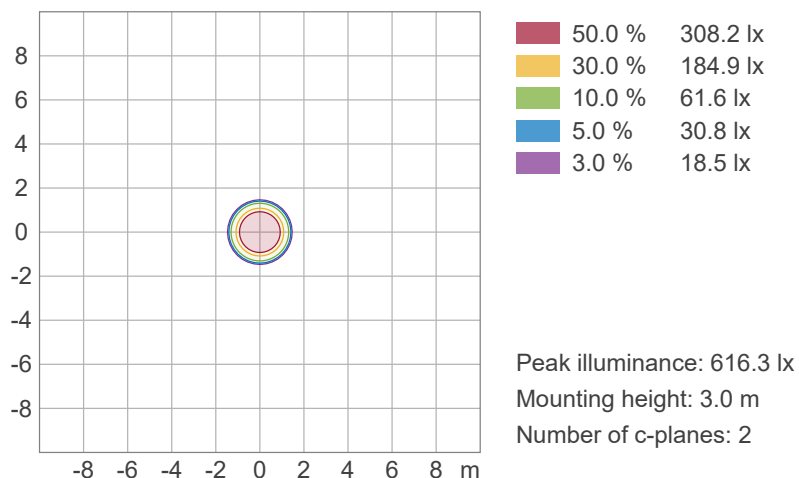


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

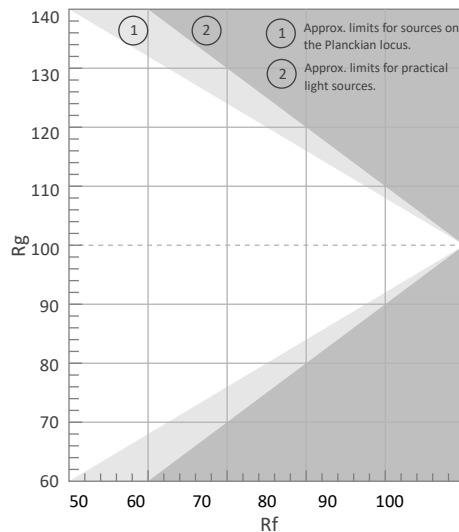
Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - Blue Only

TM-30 Details

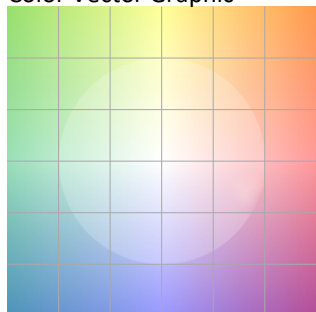
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

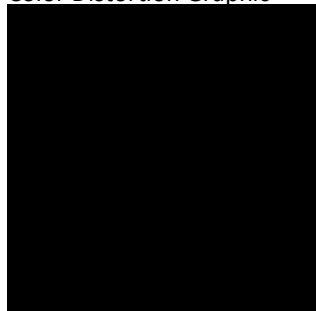
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



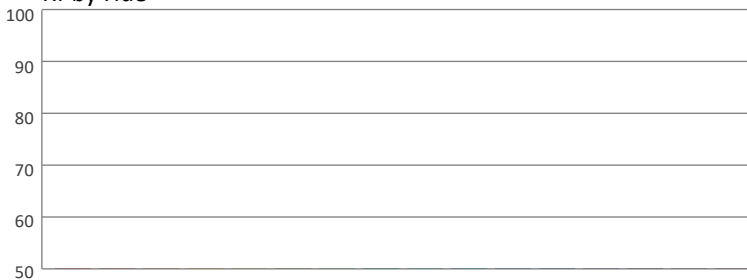
Color Vector Graphic



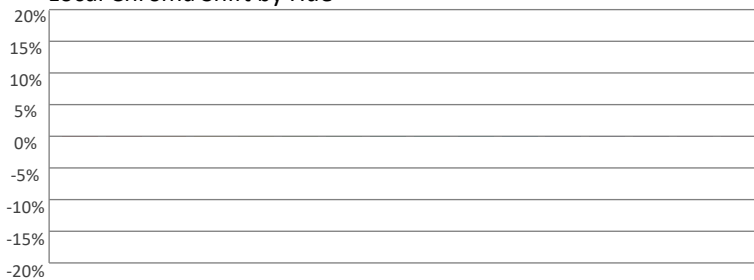
Color Distortion Graphic



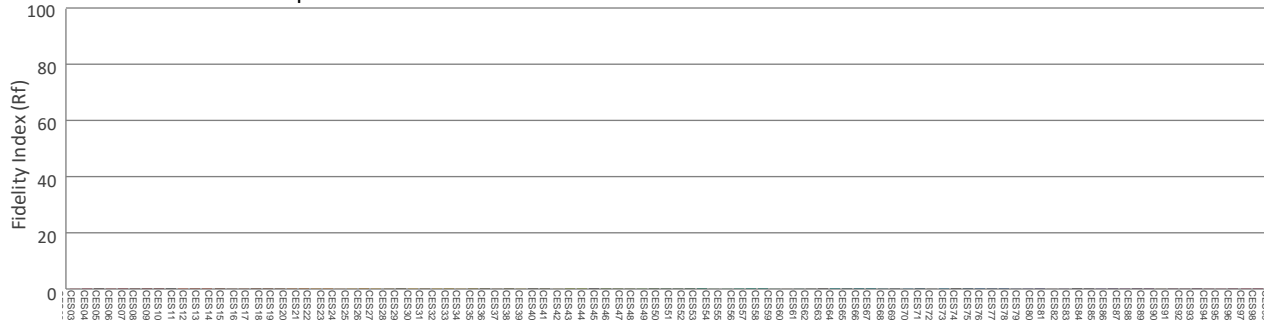
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - White

Report Summary

Measurements

Fixture Output: 8931 lm
Fixture Peak: 25826 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1032 lux
Color Temperature: 7601 K
CRI: 71.3 CRI R9 Value: -1.9
CQS: 66.3
TLCI: 44
TM-30 Rf: 67.0
TM-30 Rg: 97.8
Beam Angle (50%): 37.2°
Field Angle (10%): 49.3°
Cutoff Angle (3%): 54.3°

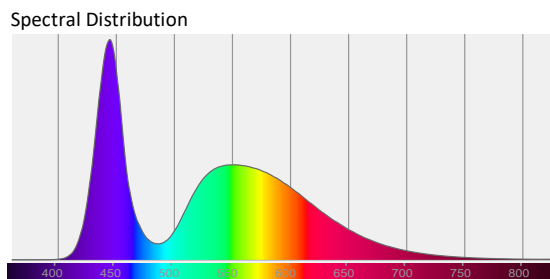
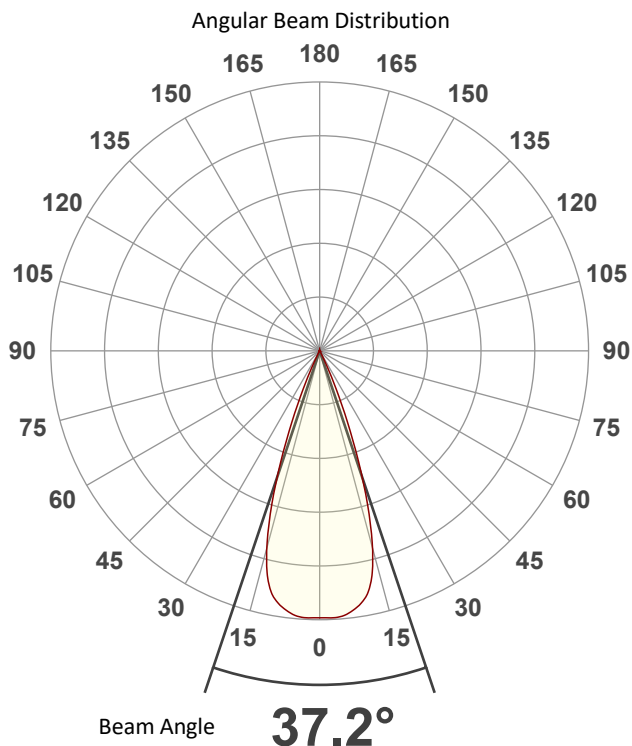


Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.302
Y: 0.298

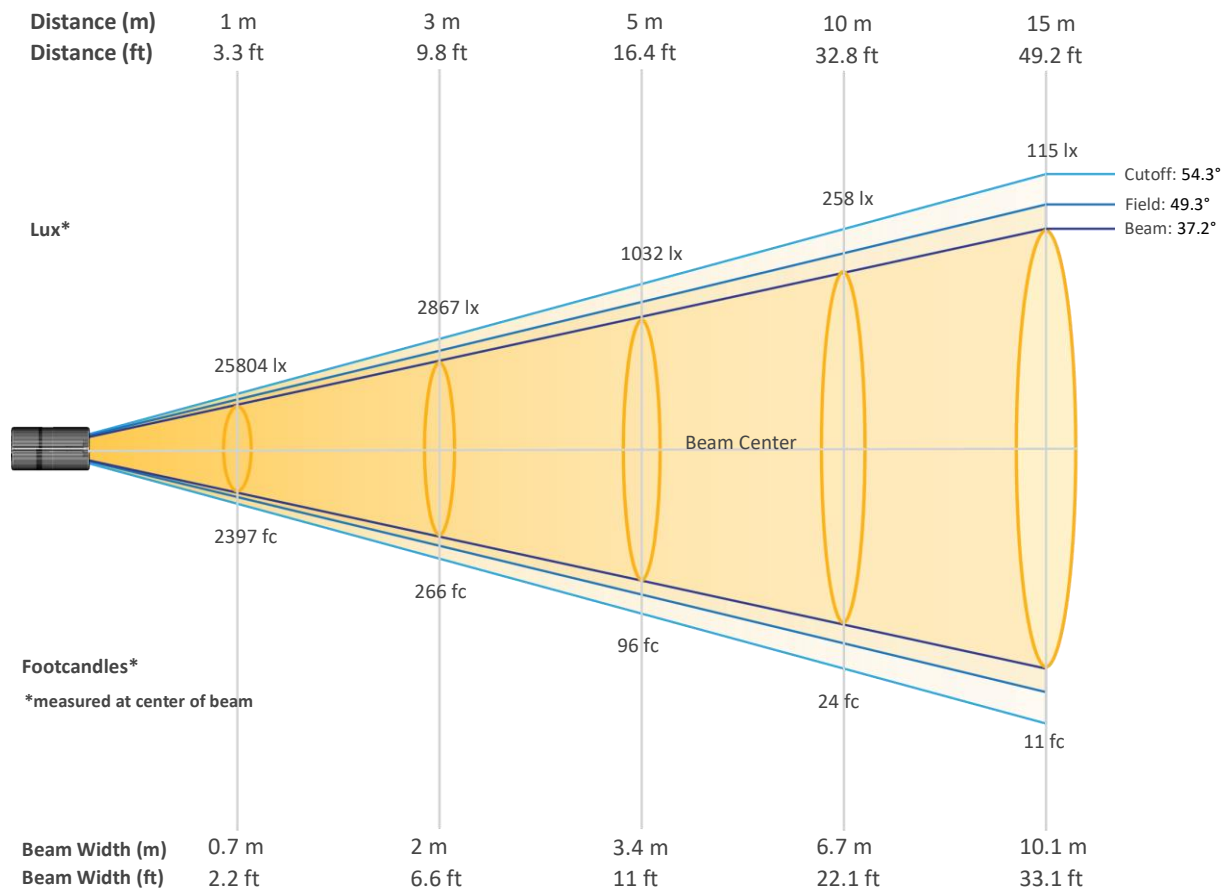
Light Quality
CRI: 71.3

Color Temperature
7601 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - White Only

Beam Details

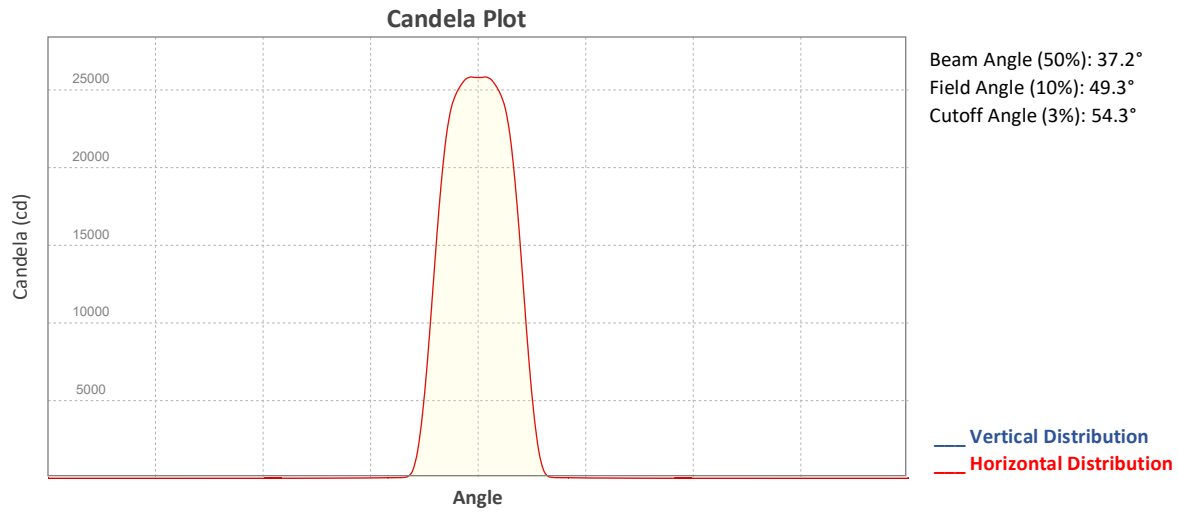


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	25804	6451	2867	1613	1032	717	527	403	319	258
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	213	179	153	132	115	101	89	80	71	65
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2397	599	266	150	96	67	49	37	30	24
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	20	17	14	12	11	9	8	7	7	6

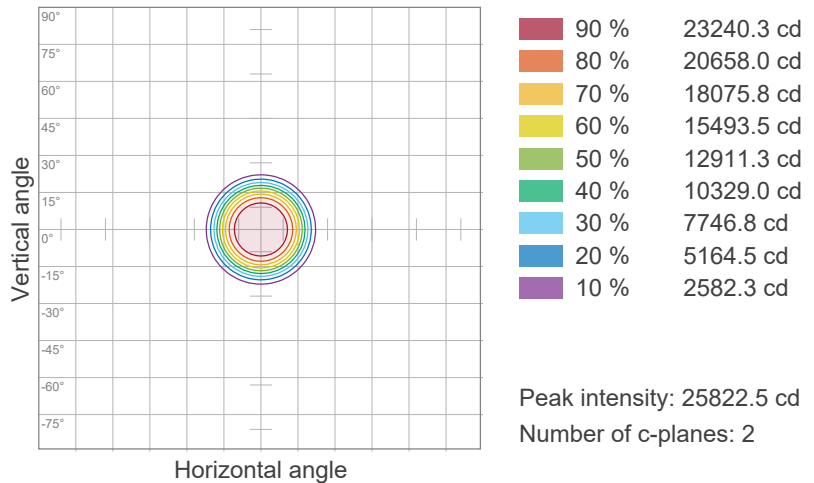
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - White Only

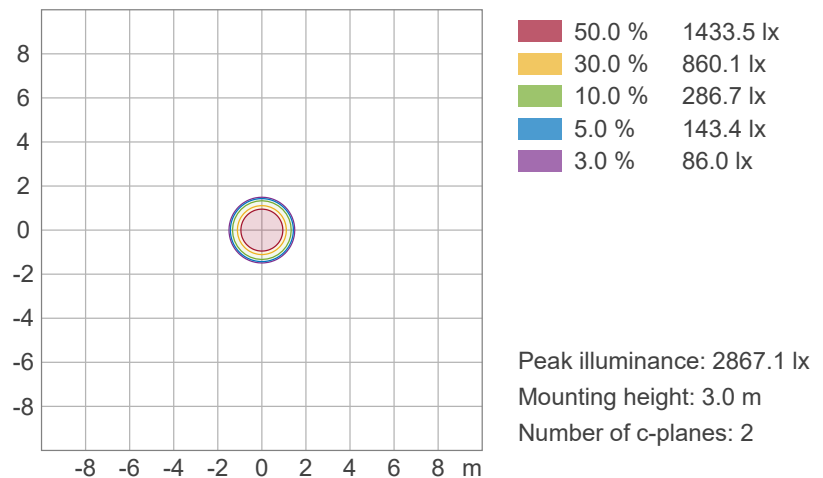


ISO Diagrams

ISO Candela Diagram



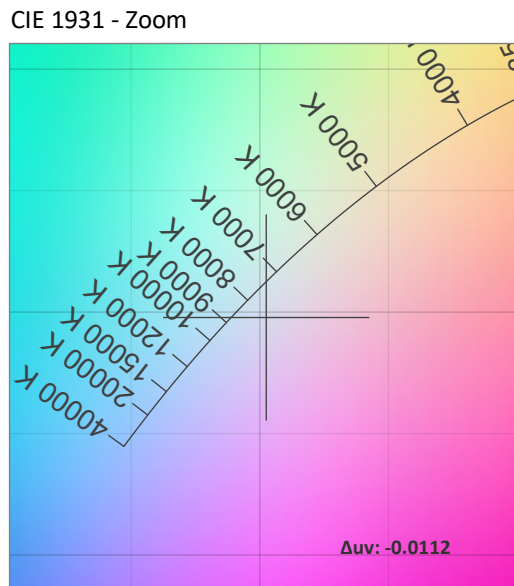
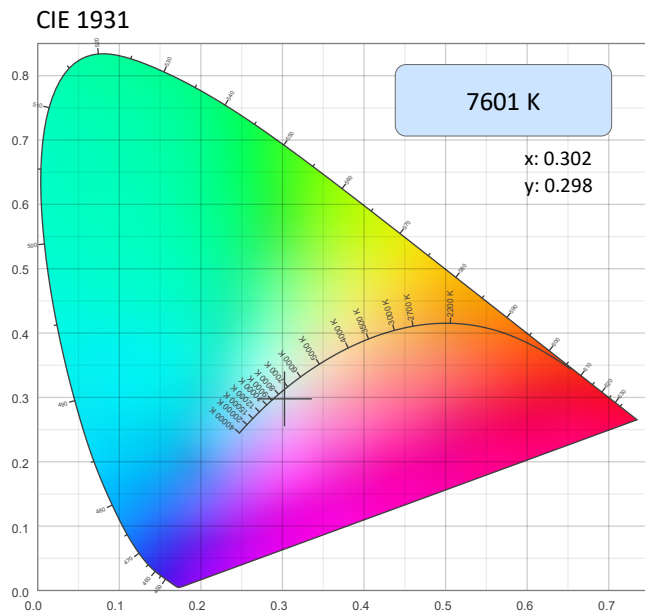
ISO Lux Diagram



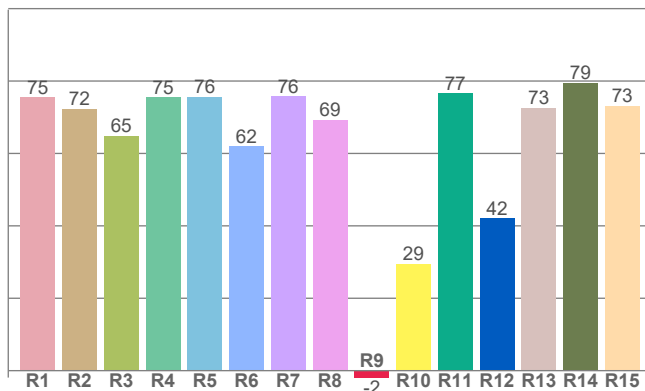
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - White Only

Chromaticity



CRI: 71.3 (R1-R8)

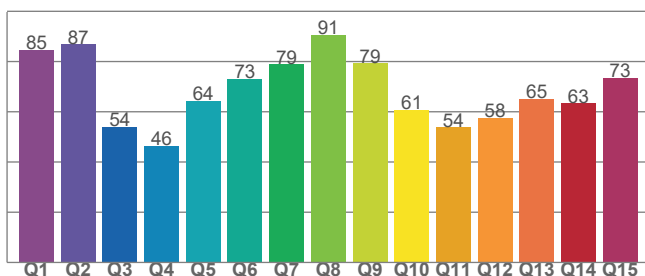


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7601 K	0.302	0.298

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0112	0.298	0.203

CQS: 66.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.3	-1.9	66.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	67.0	97.8

Photometric & Chromaticity Report

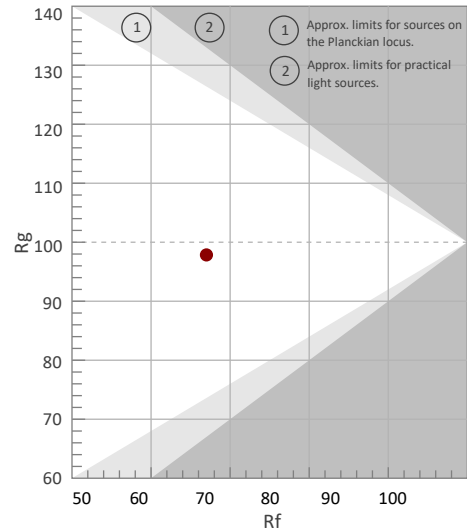
Maverick Storm 3 Beam Wash - 2: Full Food-w/Both Zoom Zone - White Only

TM-30 Details

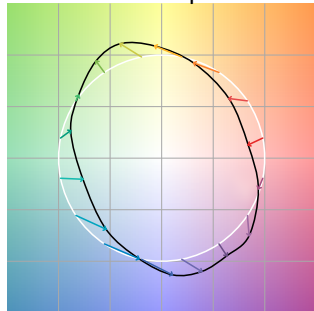
Rf 67.0
Fidelity Index (Rg)

Rg 97.8
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	54	5%	28%
5	63	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-9%
9	74	-21%	5%
10	55	-17%	27%
11	28	-7%	36%
12	64	9%	32%
13	72	15%	17%
14	76	14%	0%
15	75	12%	-15%
16	80	-2%	-11%



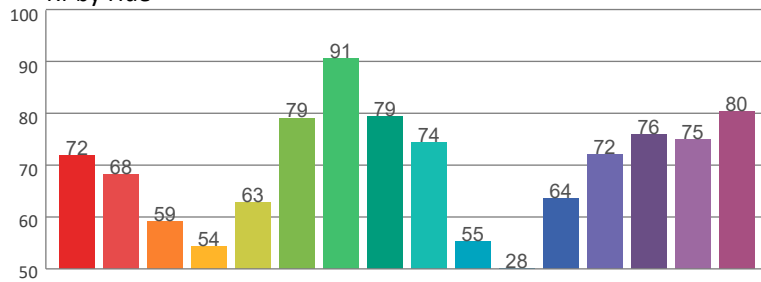
Color Vector Graphic



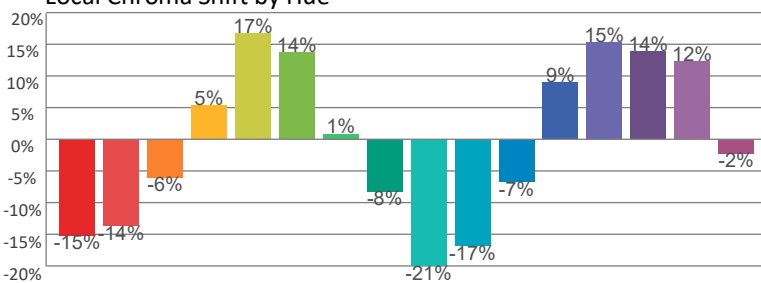
Color Distortion Graphic



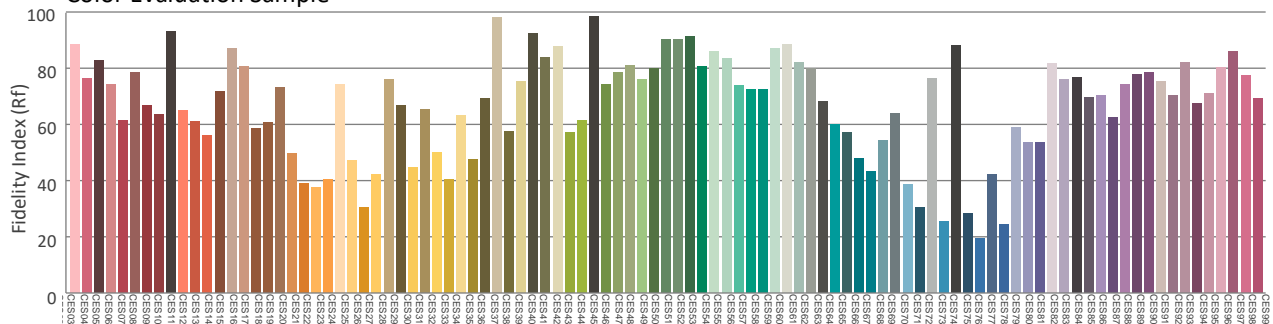
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 6729 lm
Fixture Peak: 1208229 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 48329 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 4.1°
Field Angle (10%): 6.6°
Cutoff Angle (3%): 7.7°

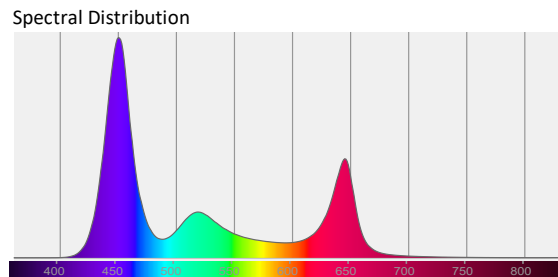
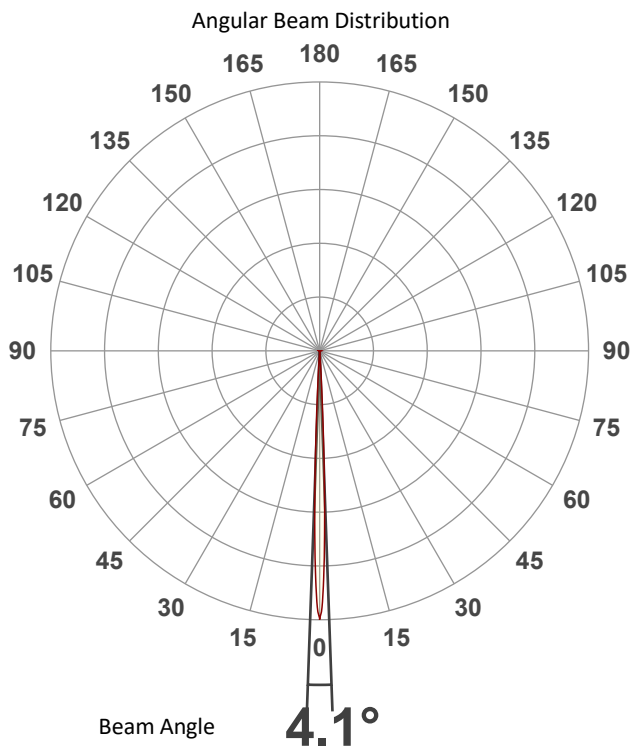


Conditions

AC Supply: 103 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.239

Y: 0.172



Light Quality

CRI: 0.0

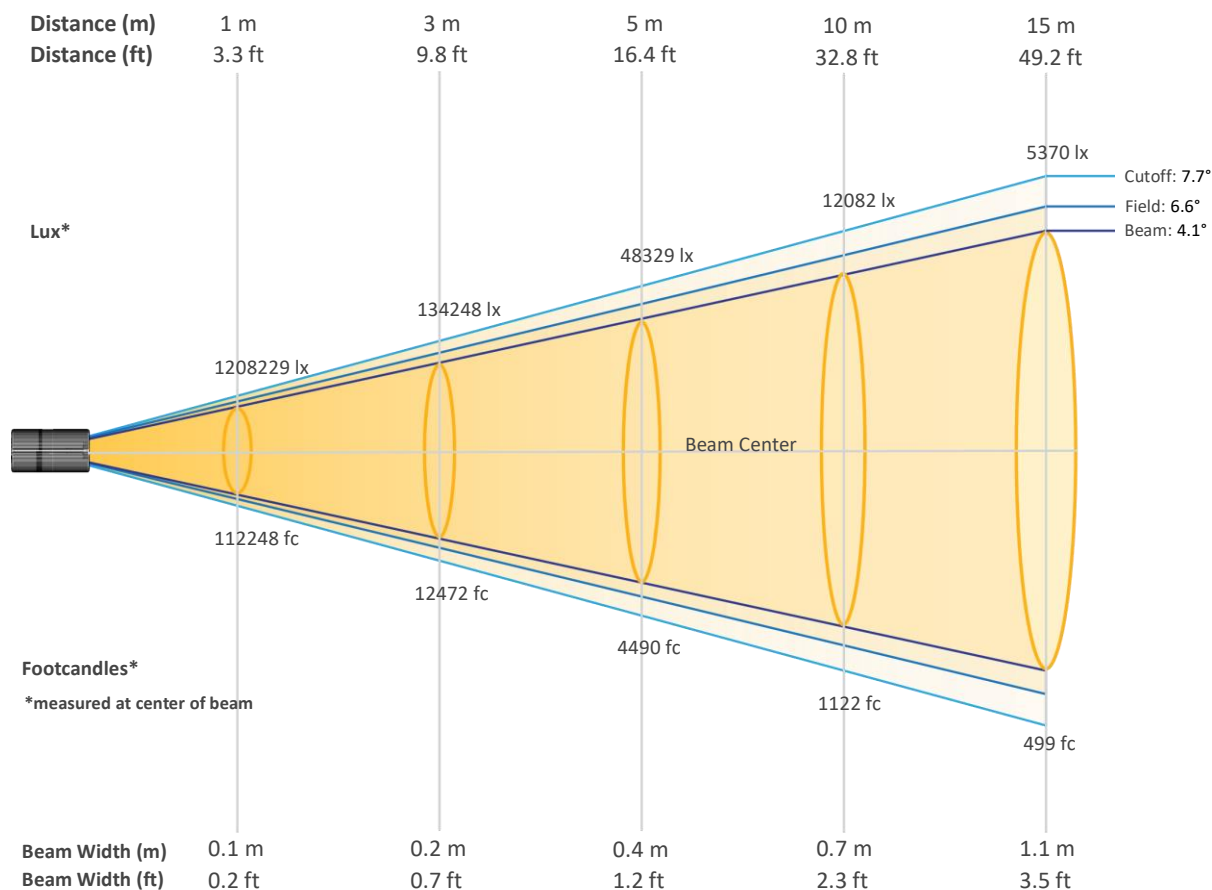
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Full Power

Beam Details

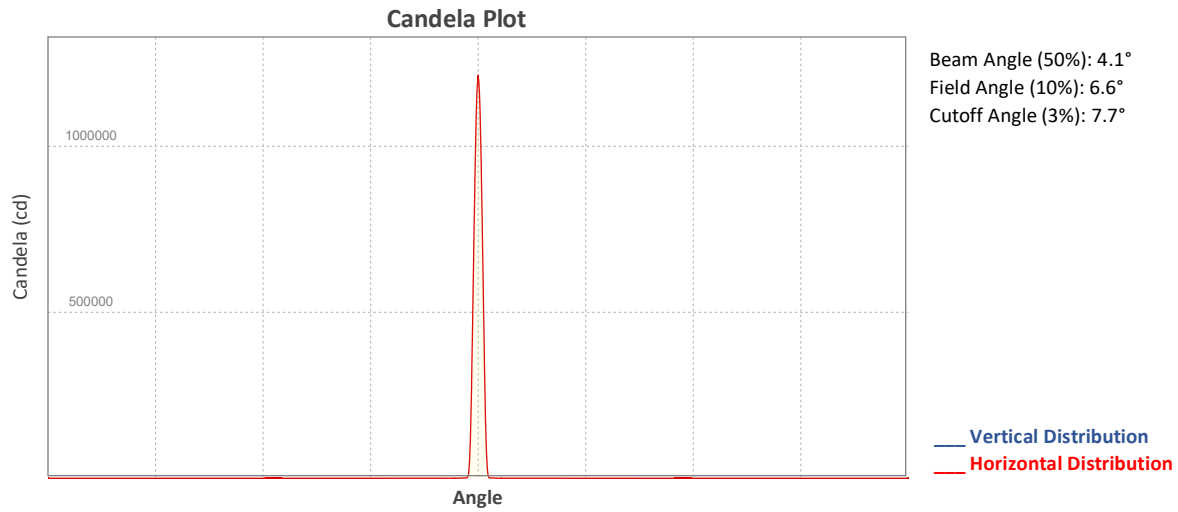


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1208229	302057	134248	75514	48329	33562	24658	18879	14916	12082
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	9985	8390	7149	6164	5370	4720	4181	3729	3347	3021
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	112248	28062	12472	7016	4490	3118	2291	1754	1386	1122
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	928	780	664	573	499	438	388	346	311	281

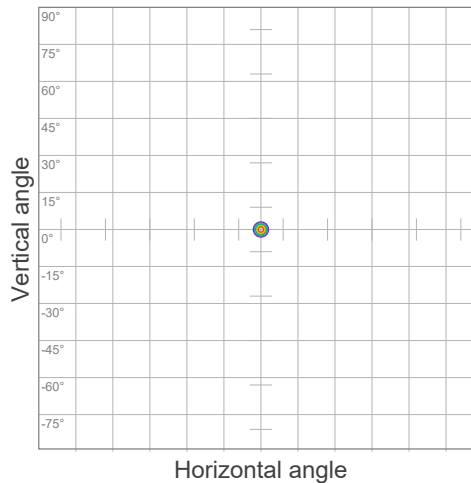
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Full Power



ISO Diagrams

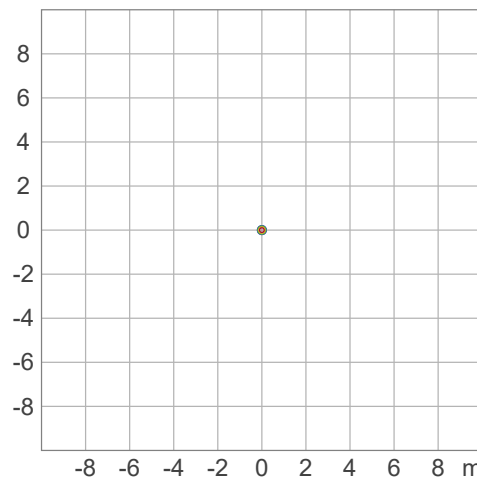
ISO Candela Diagram



90 %	1087406.0 cd
80 %	966583.5 cd
70 %	845760.6 cd
60 %	724937.6 cd
50 %	604114.7 cd
40 %	483291.8 cd
30 %	362468.8 cd
20 %	241645.9 cd
10 %	120822.9 cd

Peak intensity: 1208229.0 cd
 Number of c-planes: 2

ISO Lux Diagram



50.0 %	67123.9 lx
30.0 %	40274.3 lx
10.0 %	13424.8 lx
5.0 %	6712.4 lx
3.0 %	4027.4 lx

Peak illuminance: 134247.7 lx
 Mounting height: 3.0 m
 Number of c-planes: 2



Photometric & Chromaticity Report

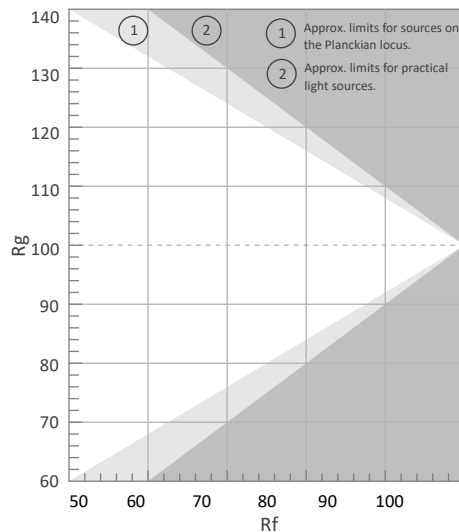
Maverick Storm 3 Beam Wash - 2: Full Spot - Full Power

TM-30 Details

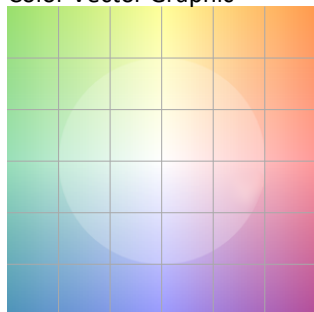
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

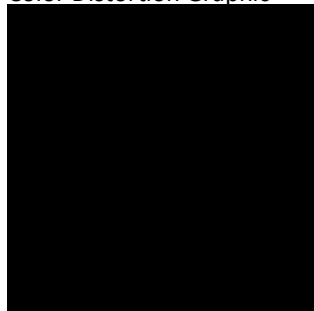
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



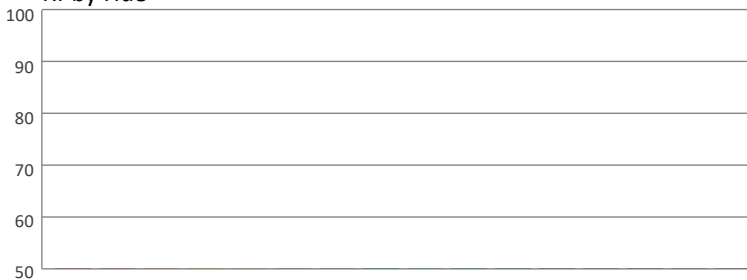
Color Vector Graphic



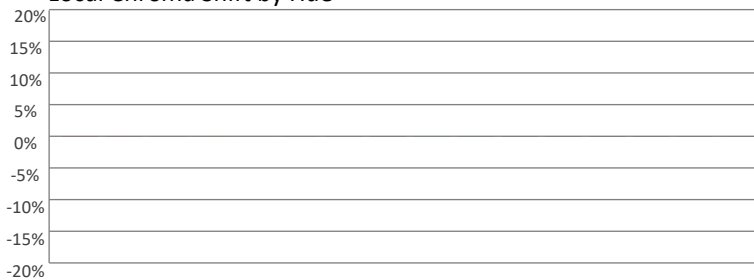
Color Distortion Graphic



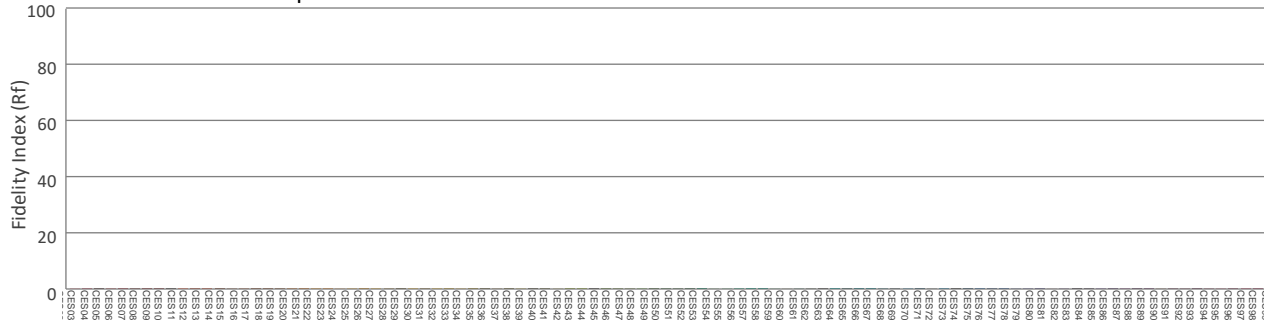
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Red

Report Summary

Measurements

Fixture Output: 1752 lm
Fixture Peak: 208082 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8323 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 4.7°
Field Angle (10%): 8°
Cutoff Angle (3%): 9.6°

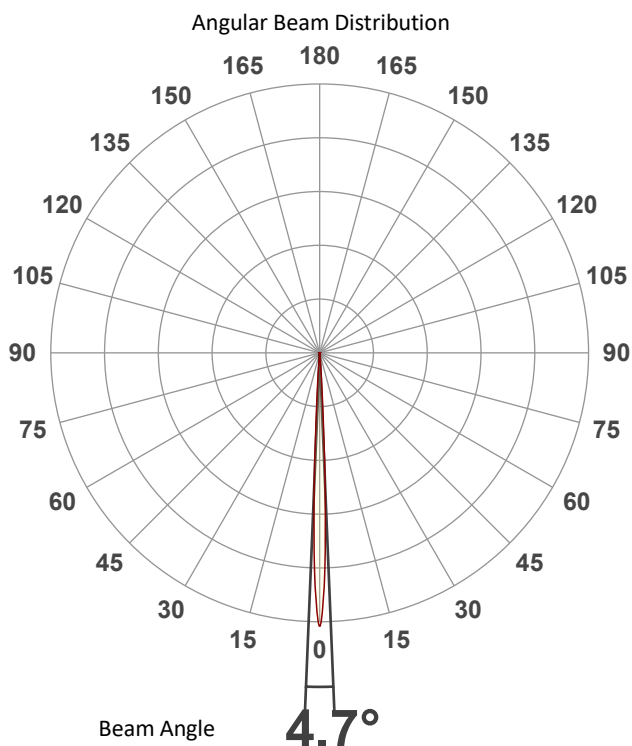


Conditions

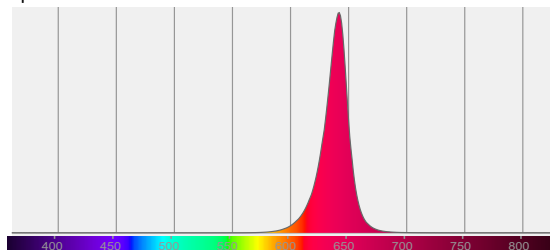
AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.703

Y: 0.296



Light Quality

CRI: 0.0

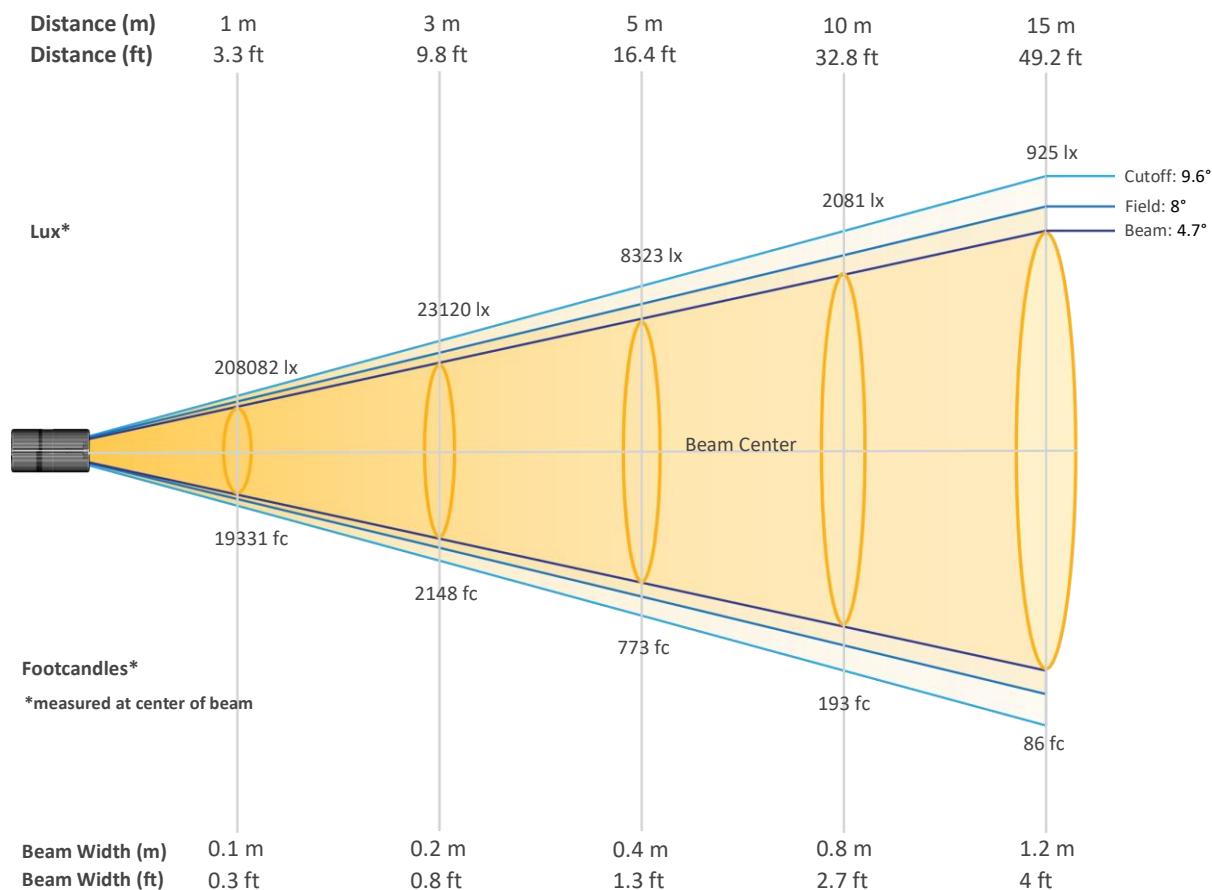
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Red Only

Beam Details

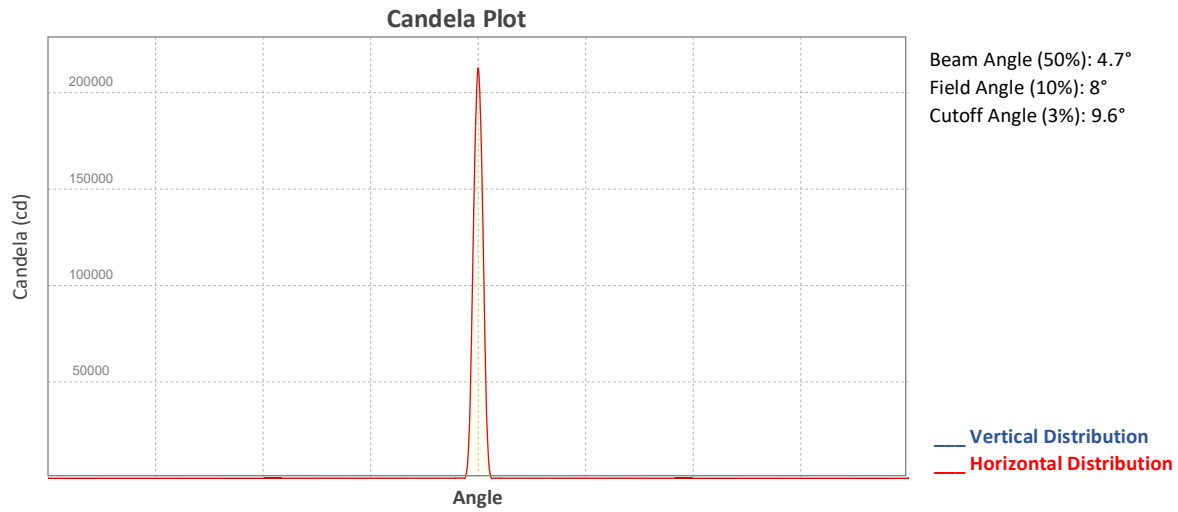


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	208082	52020	23120	13005	8323	5780	4247	3251	2569	2081
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1720	1445	1231	1062	925	813	720	642	576	520
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	19331	4833	2148	1208	773	537	395	302	239	193
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	160	134	114	99	86	76	67	60	54	48

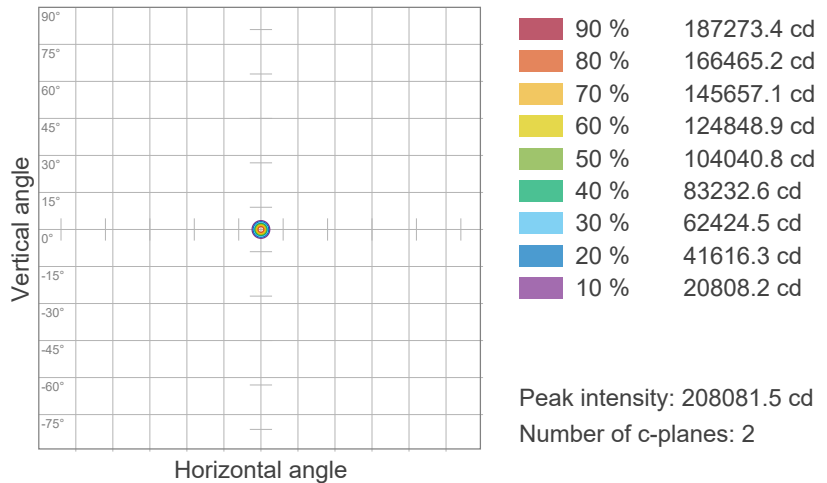
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Red Only

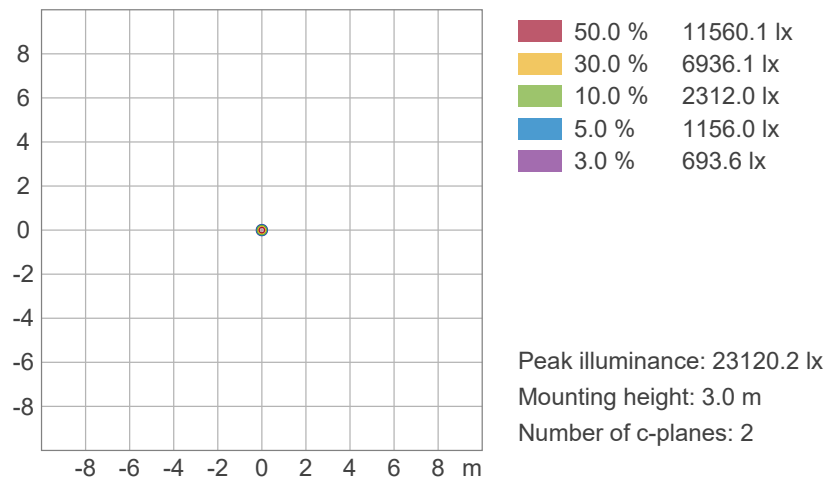


ISO Diagrams

ISO Candela Diagram



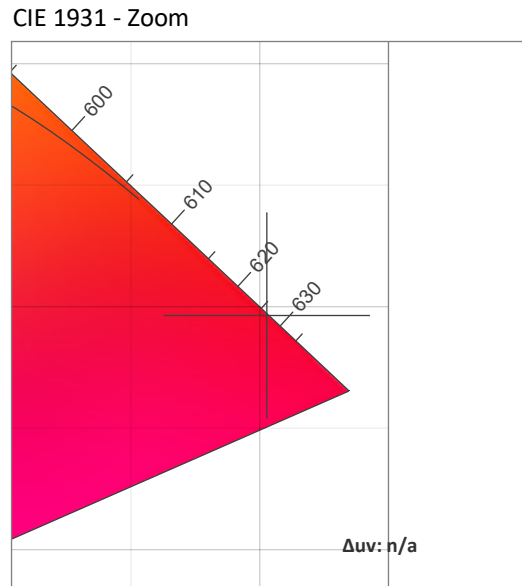
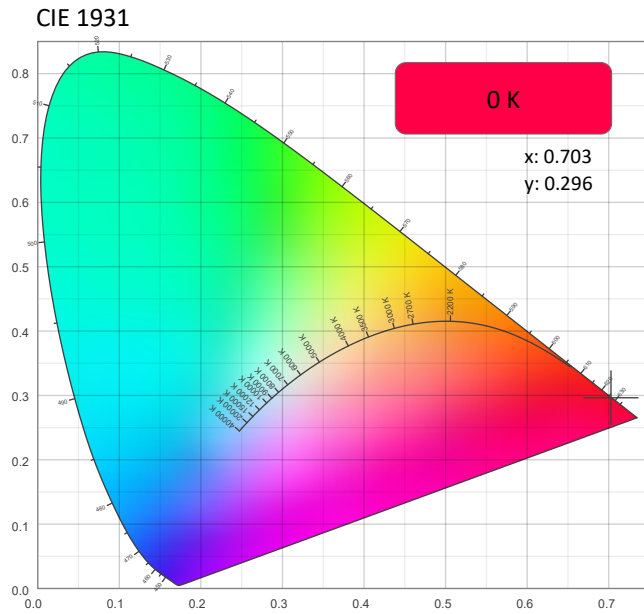
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.703	0.296

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.296	0.546

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

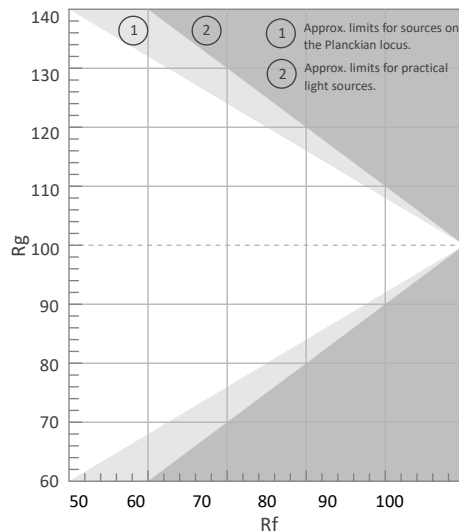
Maverick Storm 3 Beam Wash - 2: Full Spot - Red Only

TM-30 Details

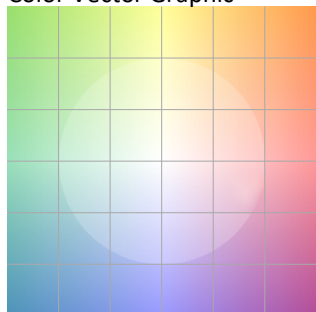
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

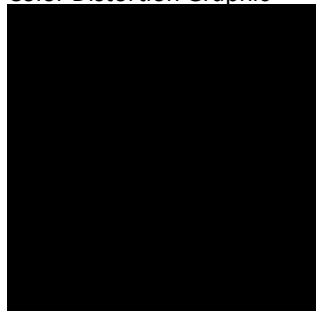
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



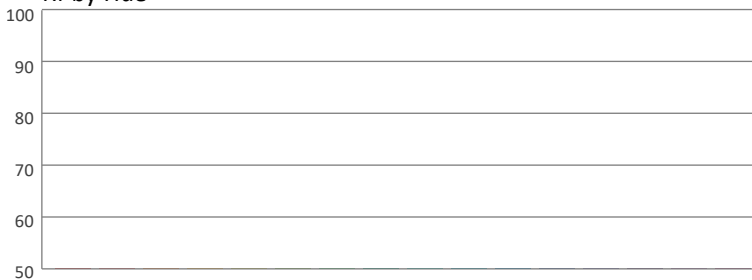
Color Vector Graphic



Color Distortion Graphic



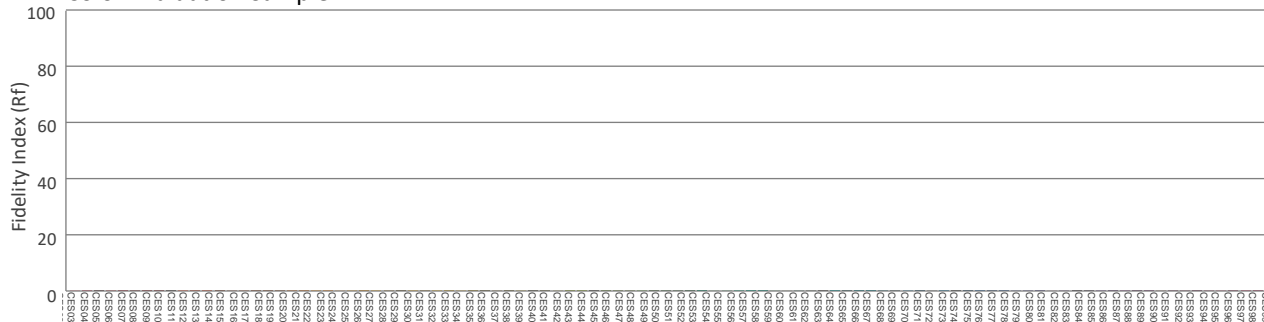
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Green

Report Summary

Measurements

Fixture Output: 2724 lm
Fixture Peak: 384670 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 15387 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 4.6°
Field Angle (10%): 7.8°
Cutoff Angle (3%): 9.3°

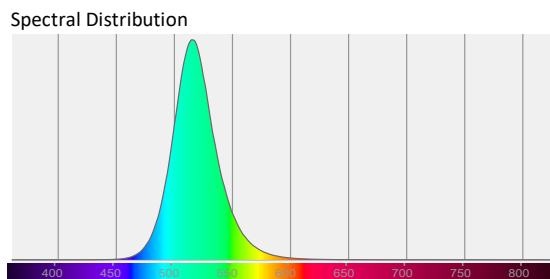
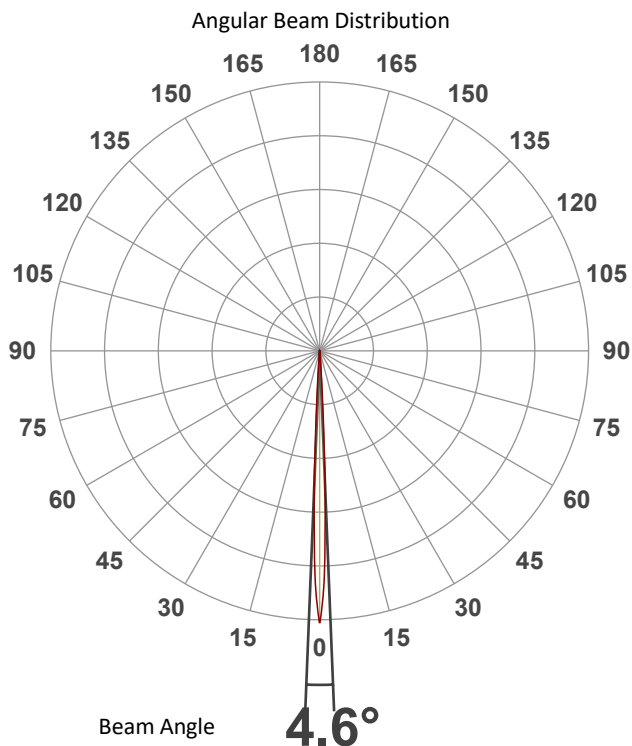


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.144
Y: 0.682

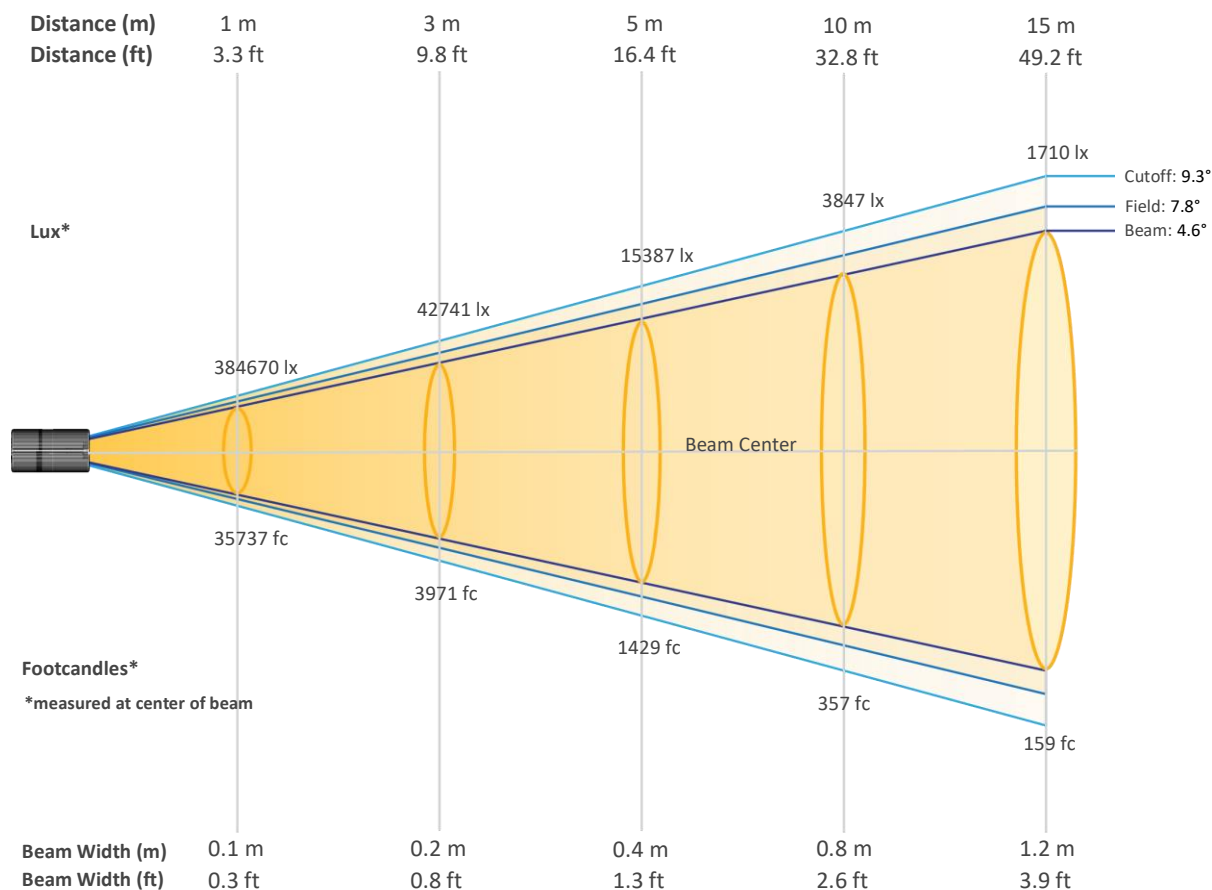
Light Quality
CRI: 0.0

Color Temperature
0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Green Only

Beam Details

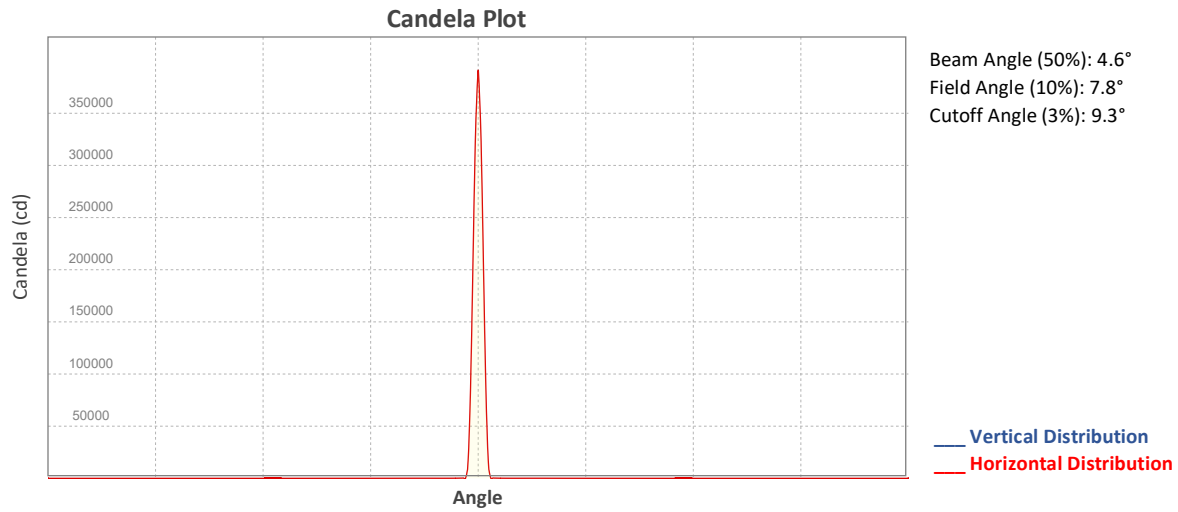


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	384670	96168	42741	24042	15387	10685	7850	6010	4749	3847
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3179	2671	2276	1963	1710	1503	1331	1187	1066	962
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	35737	8934	3971	2234	1429	993	729	558	441	357
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	295	248	211	182	159	140	124	110	99	89

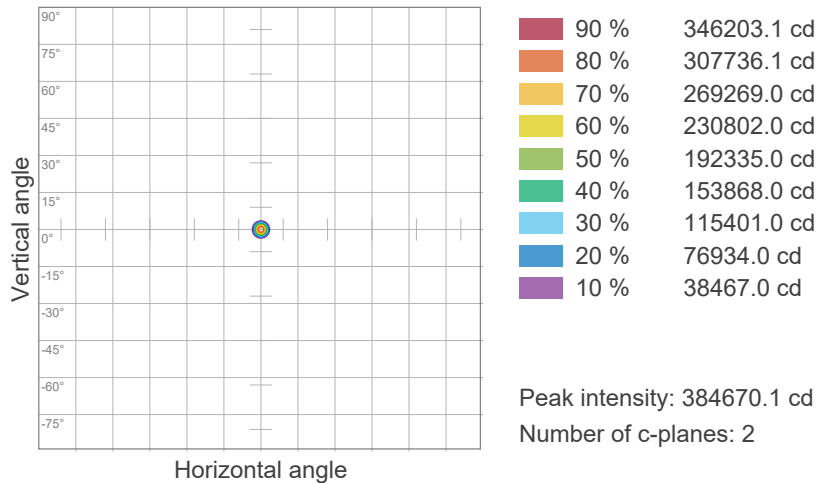
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Green Only

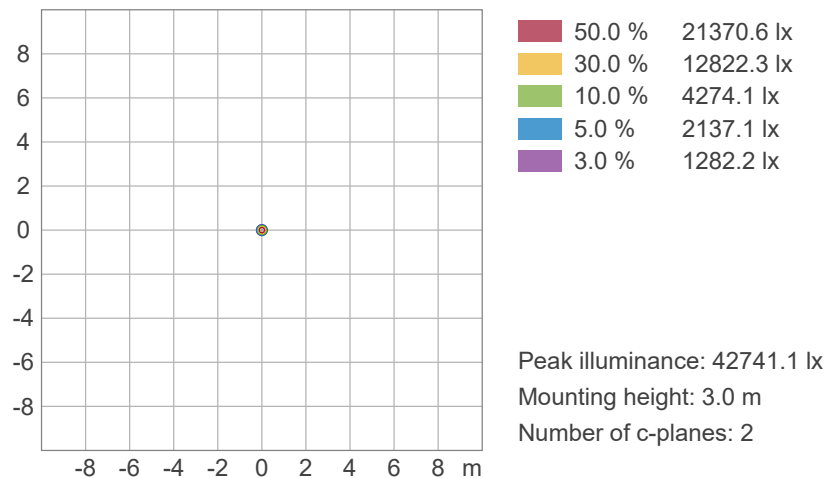


ISO Diagrams

ISO Candela Diagram



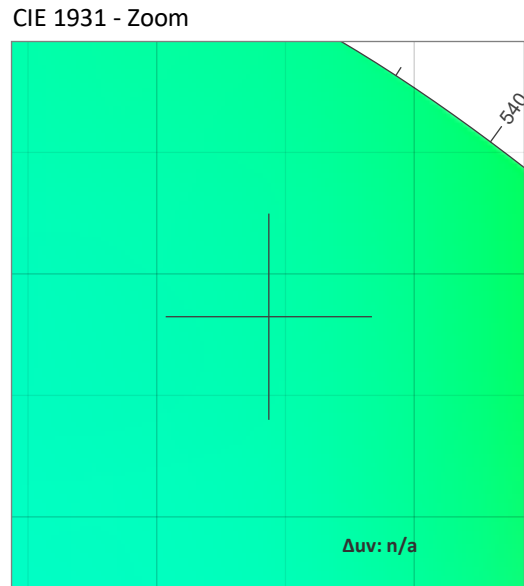
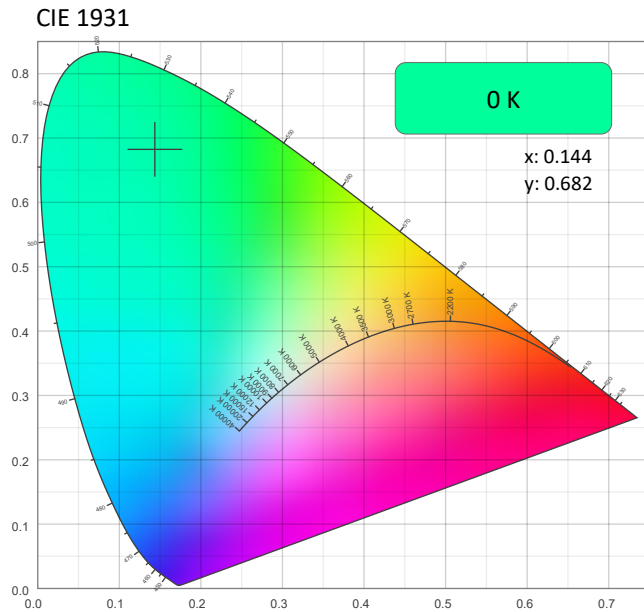
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.144	0.682

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.682	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

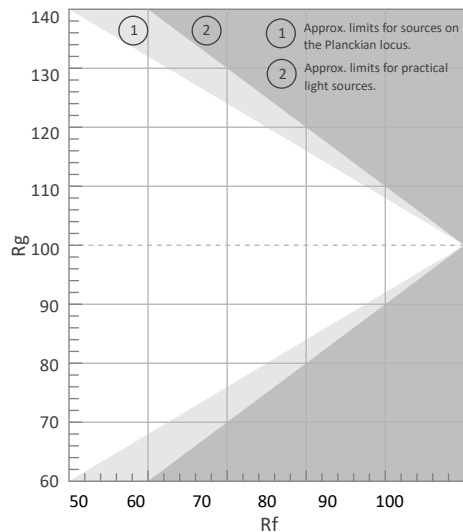
Maverick Storm 3 Beam Wash - 2: Full Spot - Green Only

TM-30 Details

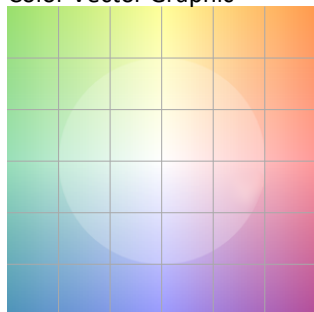
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

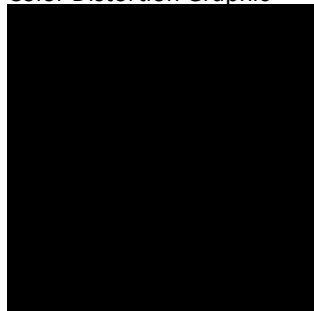
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



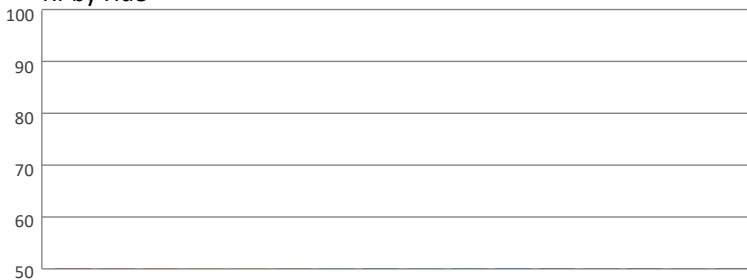
Color Vector Graphic



Color Distortion Graphic



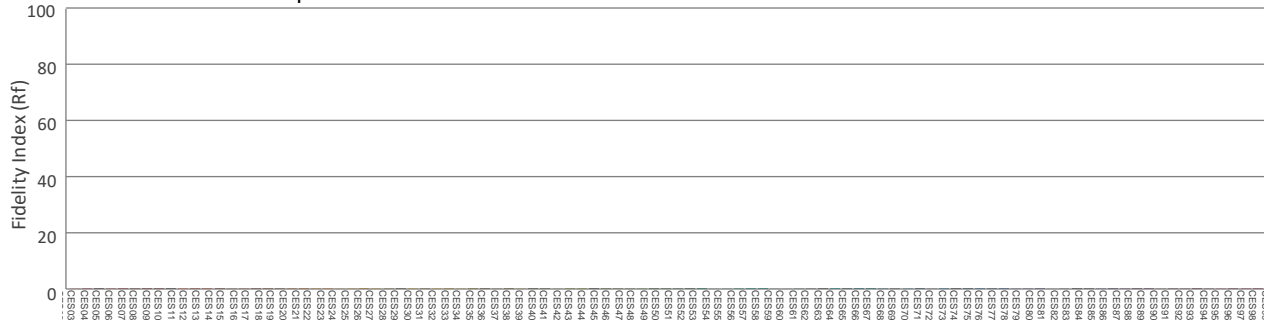
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Blue

Report Summary

Measurements

Fixture Output: 1125 lm
Fixture Peak: 114194 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4568 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 4.2°
Field Angle (10%): 6.5°
Cutoff Angle (3%): 7.6°

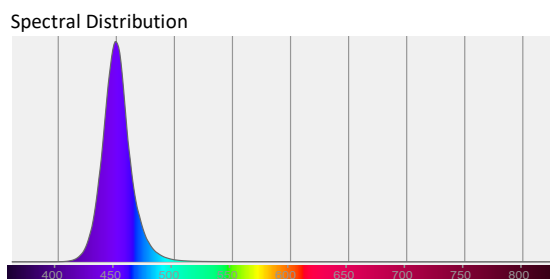
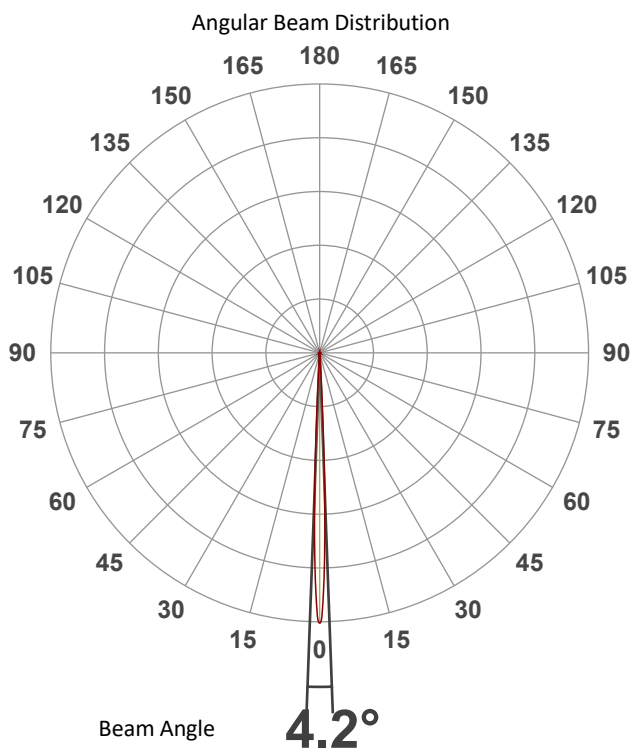


Conditions

AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

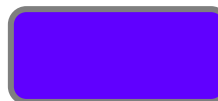
Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.025



Light Quality

CRI: 0.0

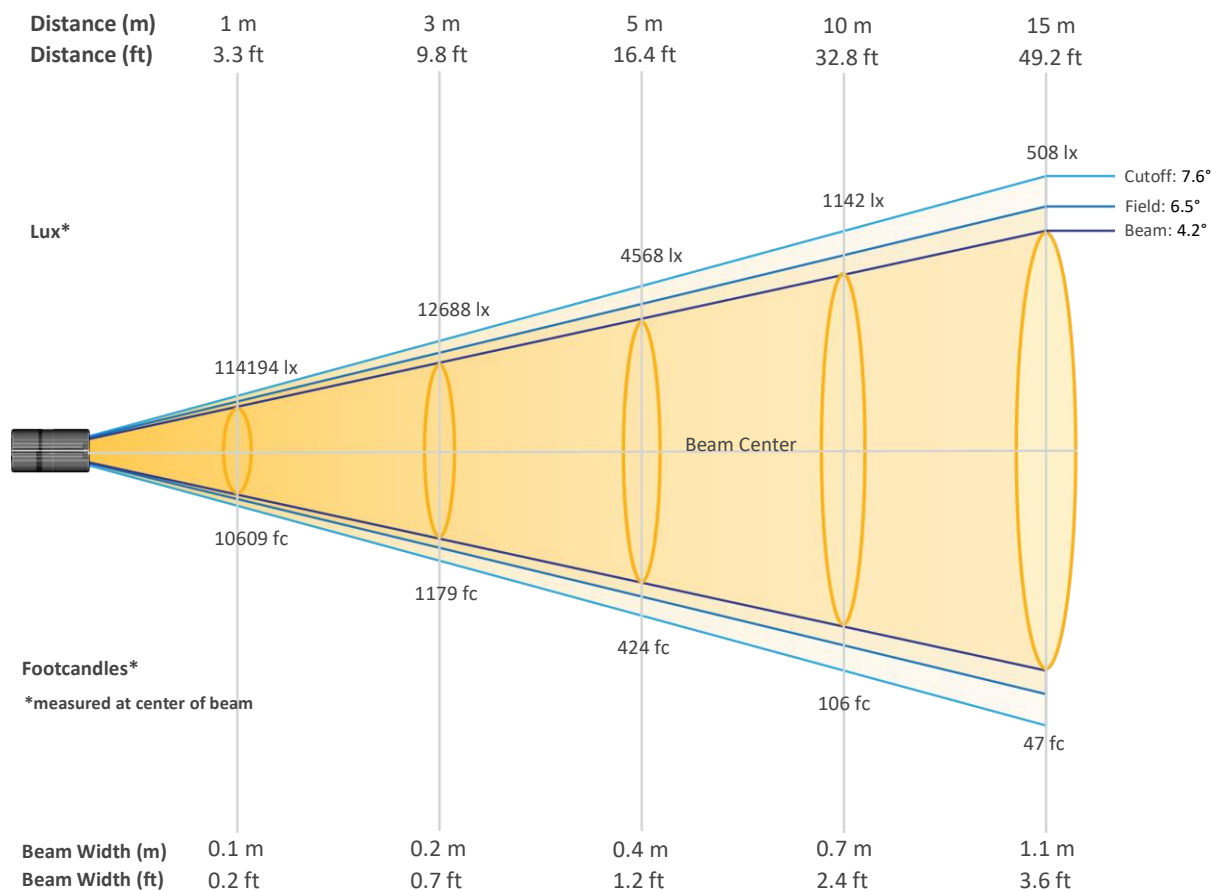
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Blue Only

Beam Details

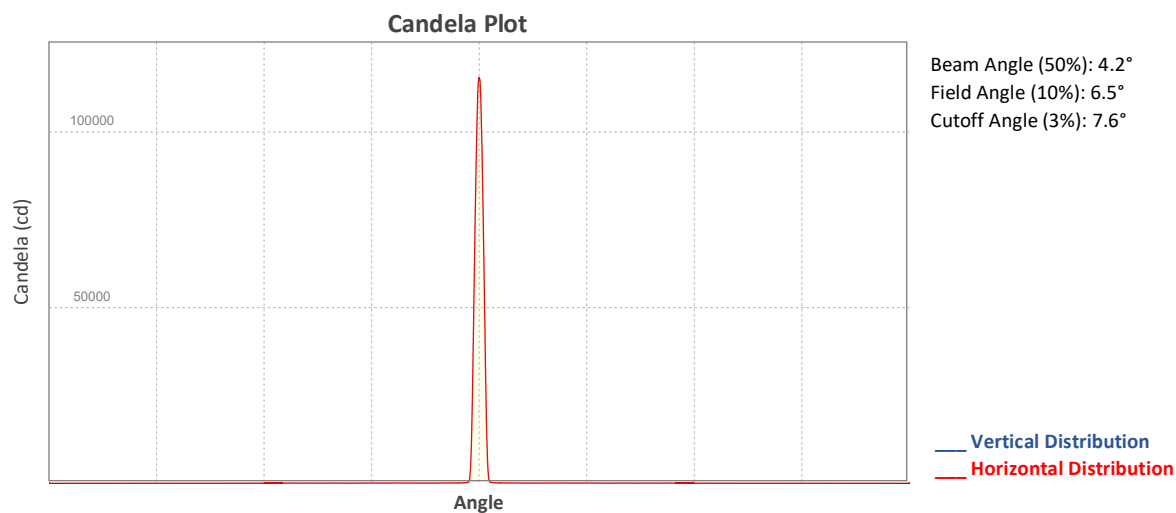


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	114194	28549	12688	7137	4568	3172	2330	1784	1410	1142
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	944	793	676	583	508	446	395	352	316	285
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10609	2652	1179	663	424	295	217	166	131	106
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	88	74	63	54	47	41	37	33	29	27

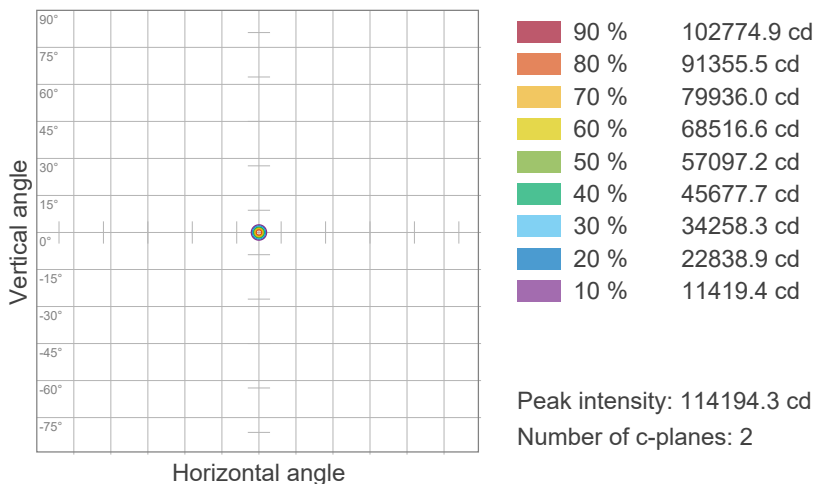
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - Blue Only

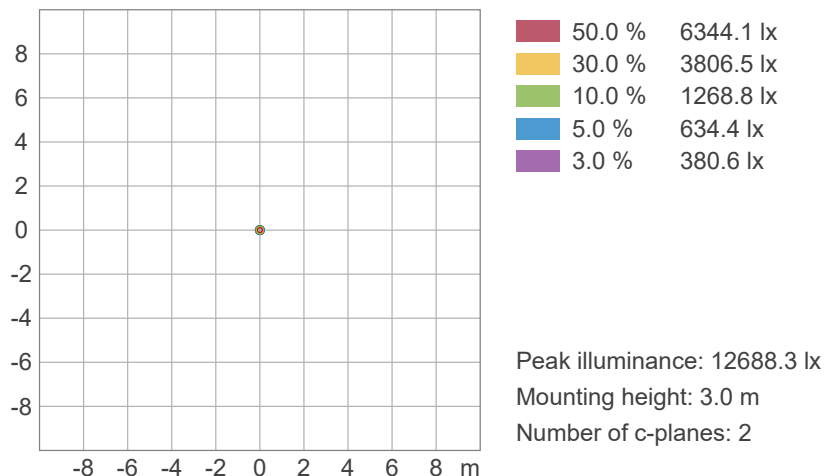


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

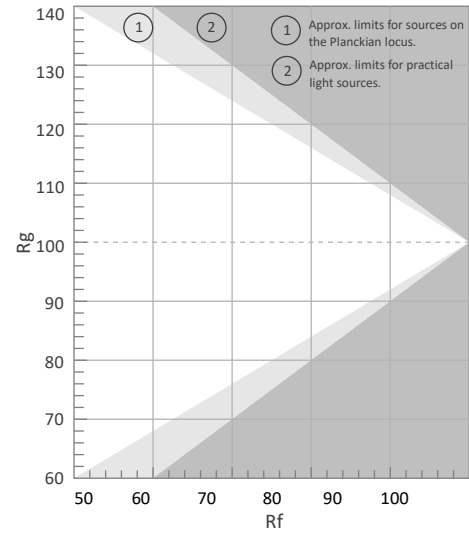
Maverick Storm 3 Beam Wash - 2: Full Spot - Blue Only

TM-30 Details

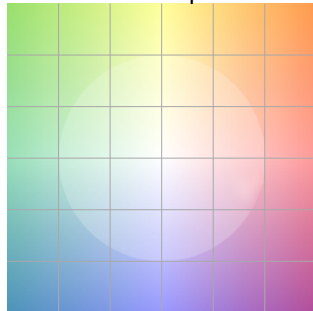
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

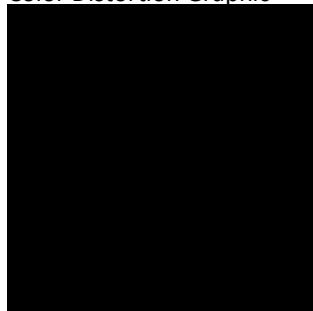
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



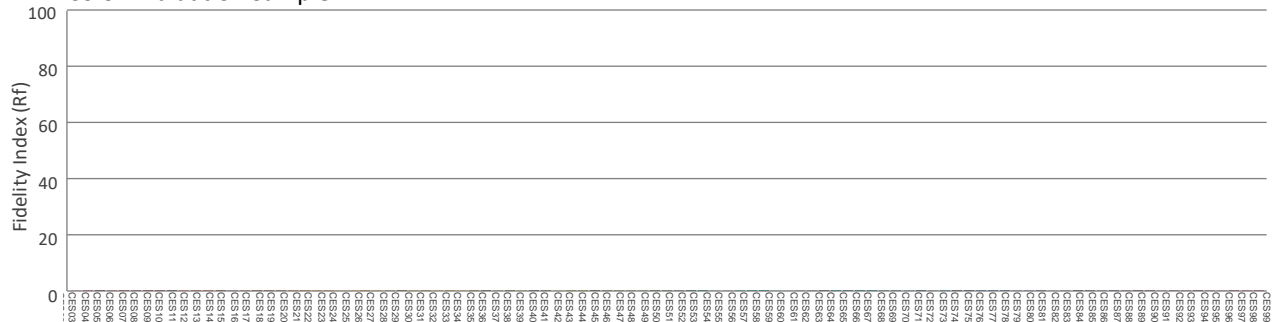
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - White

Report Summary

Measurements

Fixture Output: 3651 lm
Fixture Peak: 532646 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 21306 lux
Color Temperature: 8321 K
CRI: 72.0 CRI R9 Value: 6.8
CQS: 65.9
TLCI: 43
TM-30 Rf: 66.5
TM-30 Rg: 97.6
Beam Angle (50%): 4.6°
Field Angle (10%): 7.6°
Cutoff Angle (3%): 9.1°

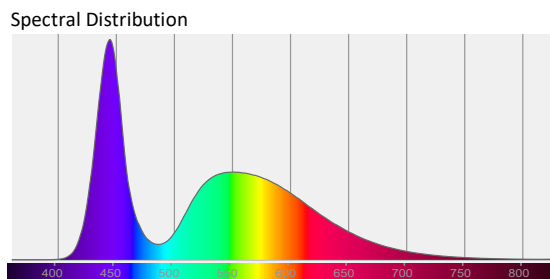
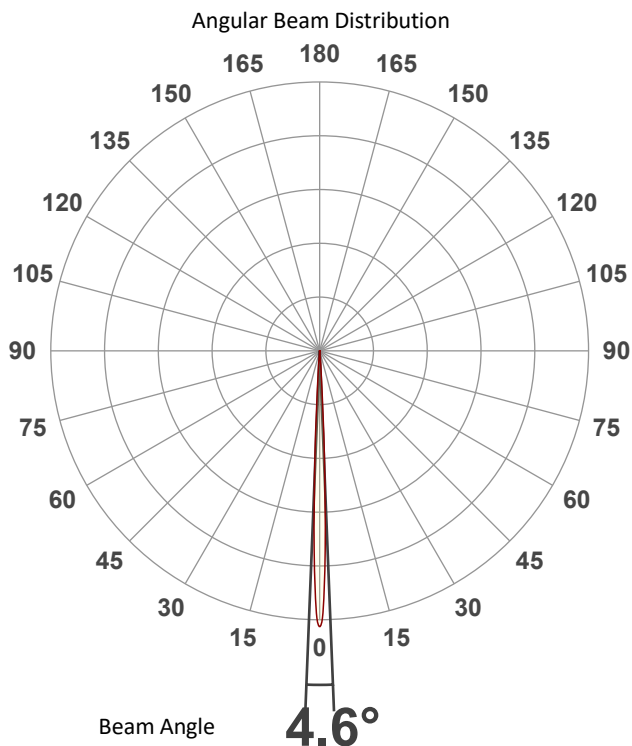


Conditions

AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.297
Y: 0.288

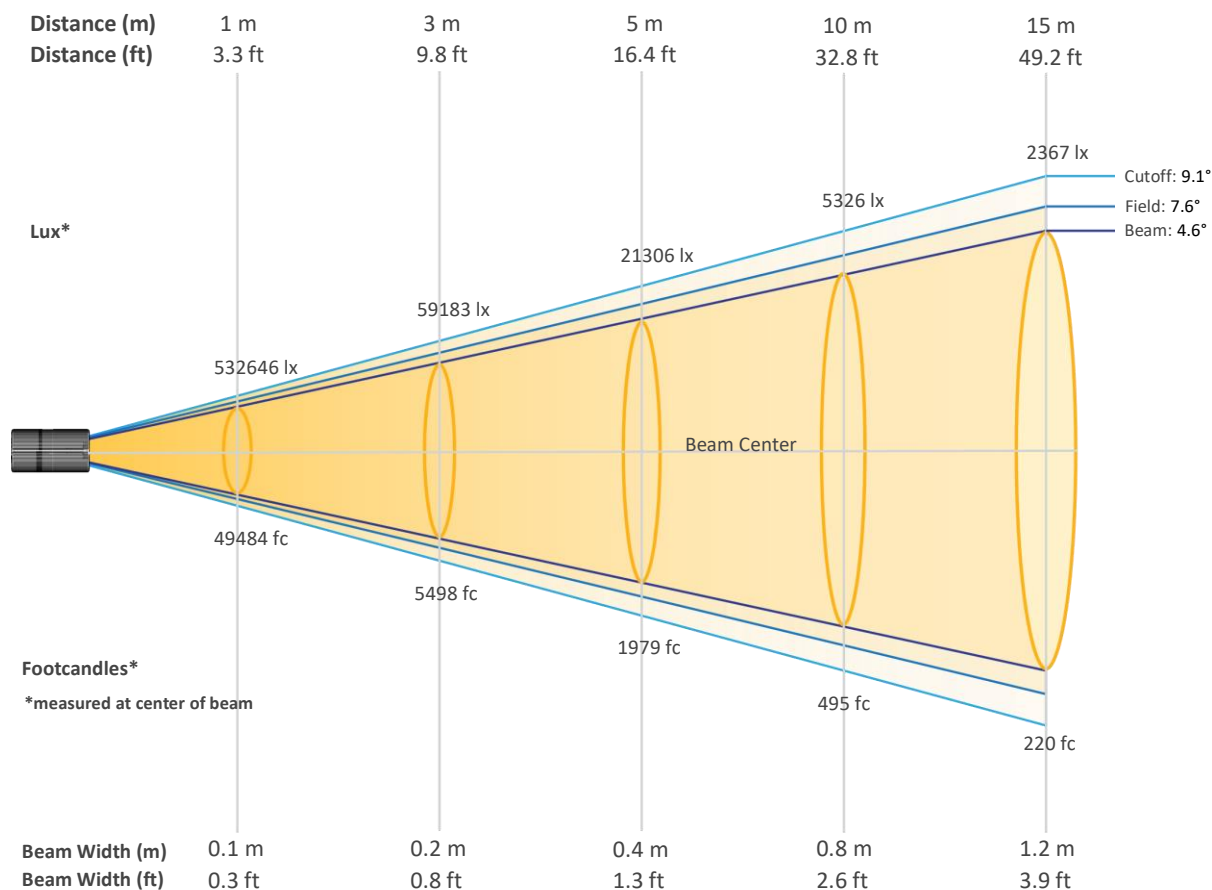
Light Quality
CRI: 72.0

Color Temperature
8321 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - White Only

Beam Details

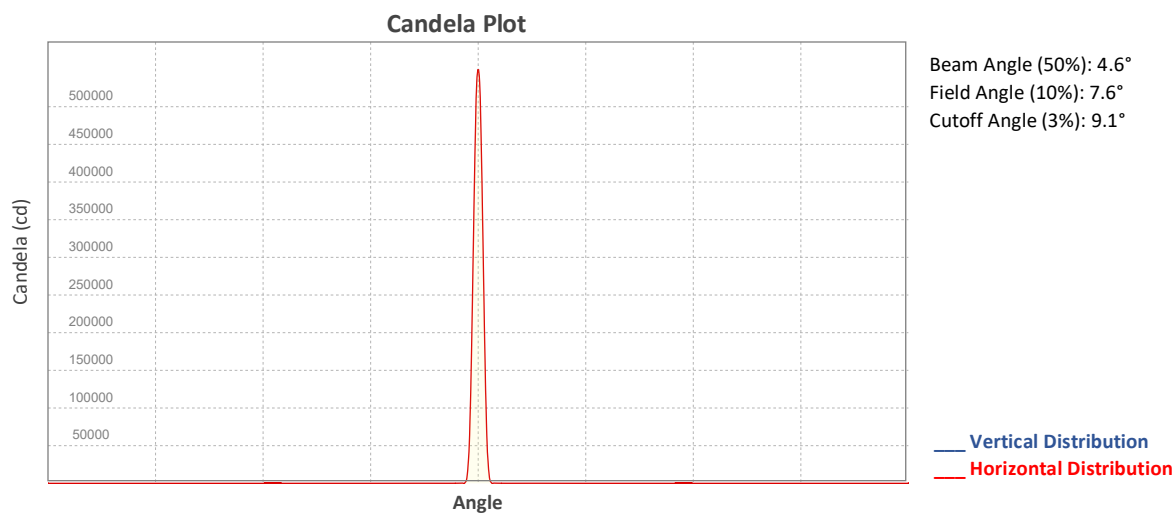


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	532646	133162	59183	33290	21306	14796	10870	8323	6576	5326
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	4402	3699	3152	2718	2367	2081	1843	1644	1475	1332
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	49484	12371	5498	3093	1979	1375	1010	773	611	495
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	409	344	293	252	220	193	171	153	137	124

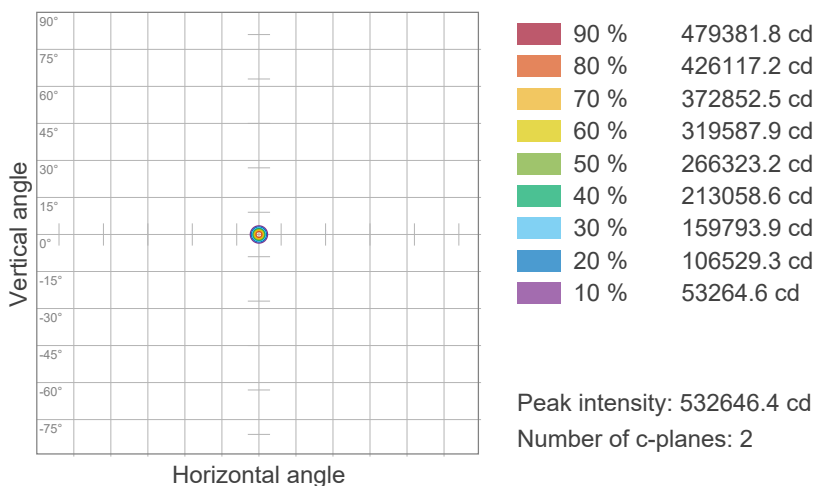
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot - White Only

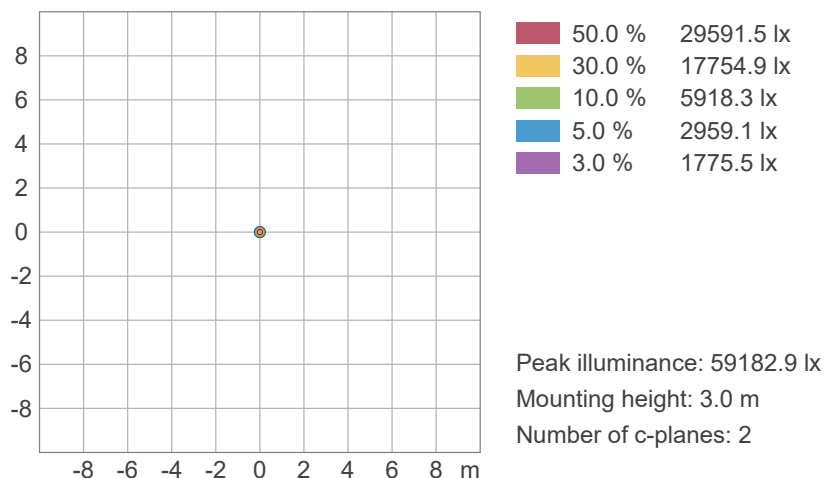


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

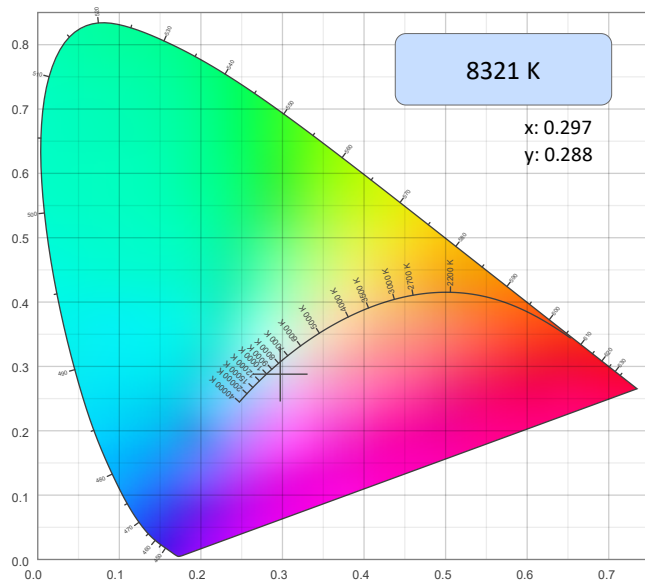


Photometric & Chromaticity Report

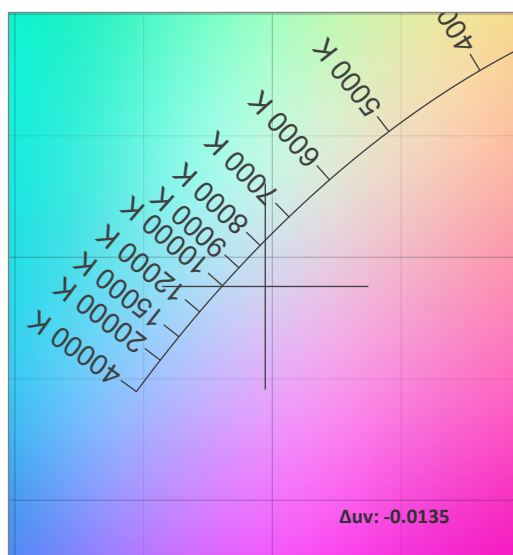
Maverick Storm 3 Beam Wash - 2: Full Spot - White Only

Chromaticity

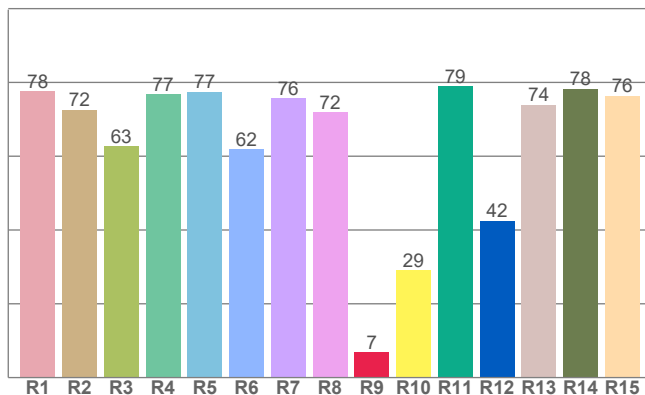
CIE 1931



CIE 1931 - Zoom



CRI: 72.0 (R1-R8)

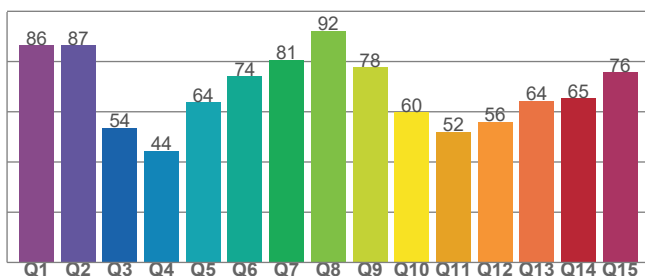


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8321 K	0.297	0.288

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0135	0.288	0.203

CQS: 65.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	6.8	65.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
43	66.5	97.6

Photometric & Chromaticity Report

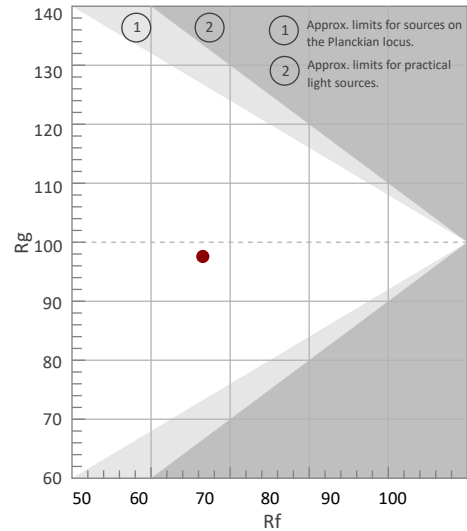
Maverick Storm 3 Beam Wash - 2: Full Spot - White Only

TM-30 Details

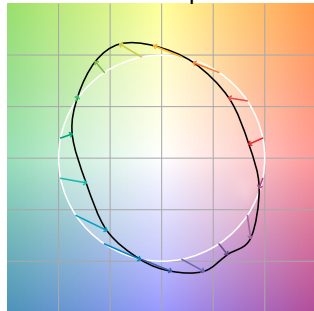
Rf 66.5
Fidelity Index (Rg)

Rg 97.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	73	-14%	-3%
2	68	-13%	12%
3	59	-6%	26%
4	53	5%	29%
5	62	16%	18%
6	79	14%	1%
7	91	1%	-5%
8	79	-10%	-6%
9	74	-23%	9%
10	53	-17%	29%
11	25	-7%	38%
12	58	6%	31%
13	70	16%	19%
14	76	13%	1%
15	75	15%	-17%
16	82	-2%	-10%



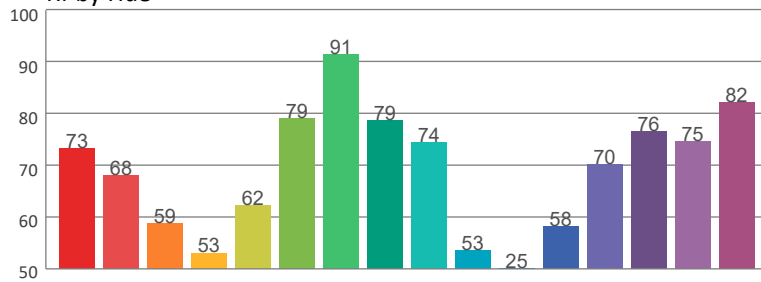
Color Vector Graphic



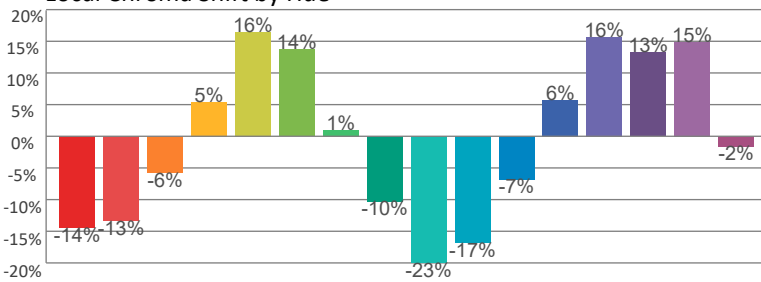
Color Distortion Graphic



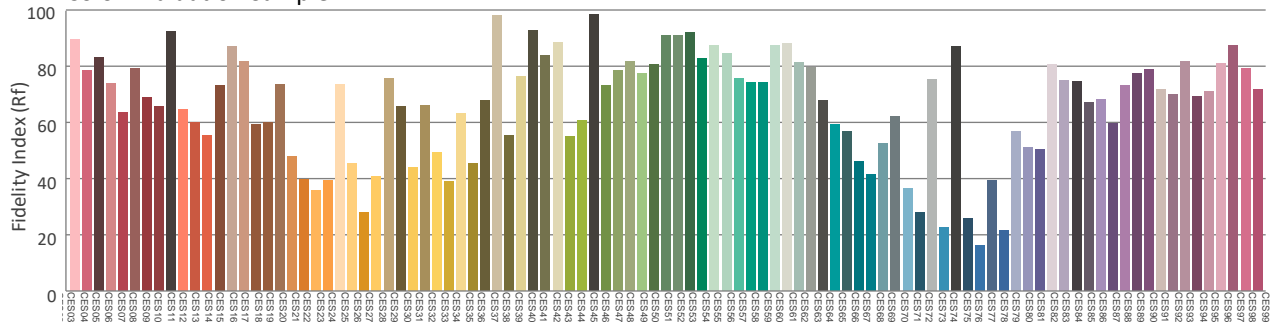
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

Report Summary

Measurements

Fixture Output: 8211 lm
Fixture Peak: 1533450 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 61338 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 3.9°
Field Angle (10%): 6.7°
Cutoff Angle (3%): 7.9°

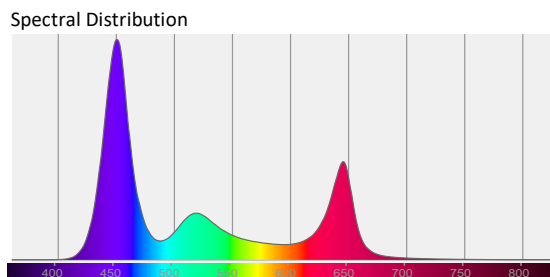
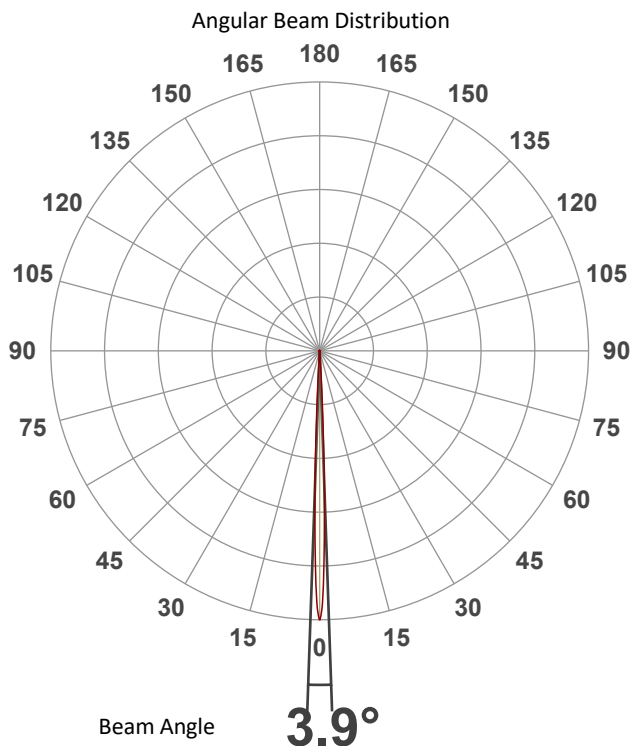


Conditions

AC Supply: 103 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.238

Y: 0.174



Light Quality

CRI: 0.0

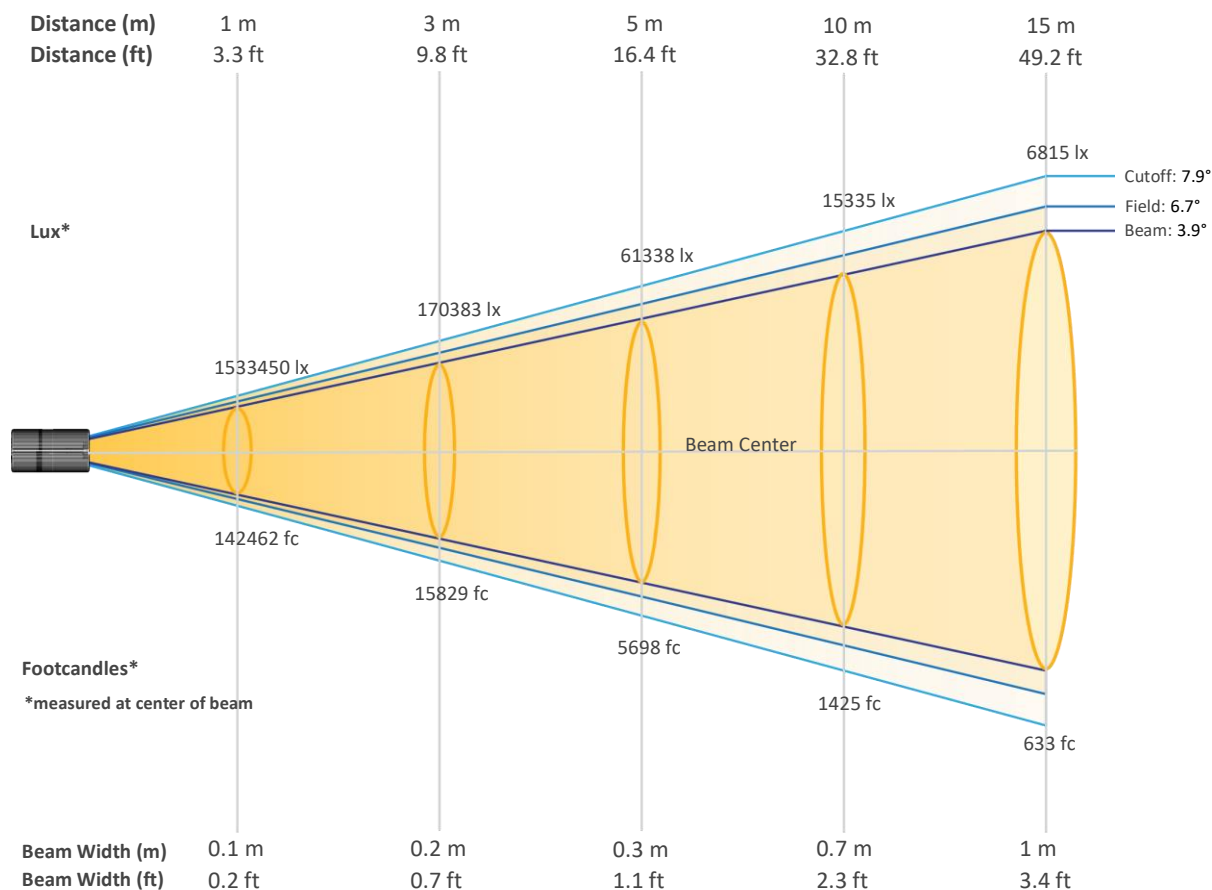
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

Beam Details

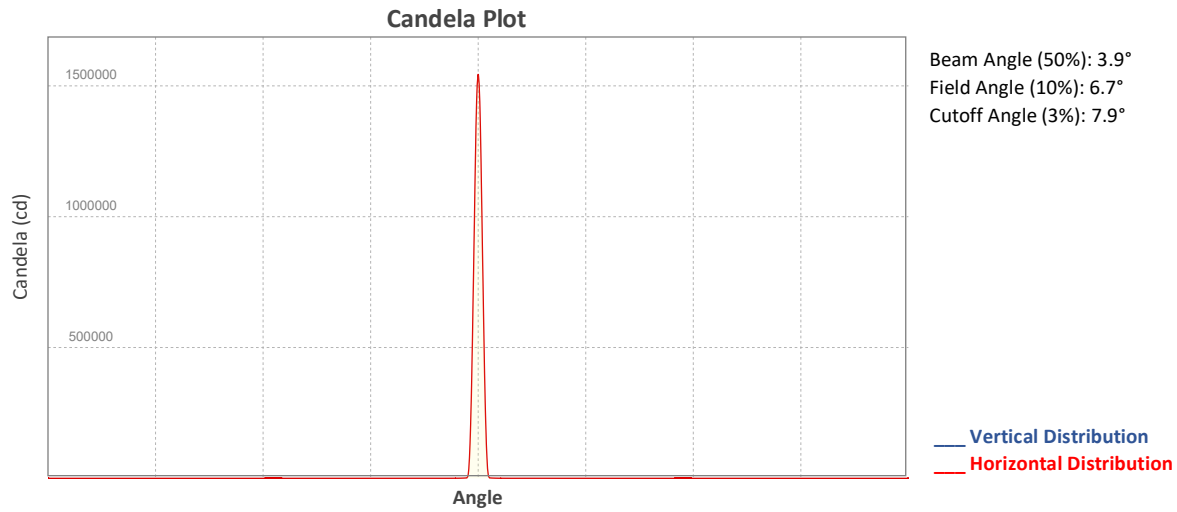


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1533450	383363	170383	95841	61338	42596	31295	23960	18931	15335
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	12673	10649	9074	7824	6815	5990	5306	4733	4248	3834
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	142462	35616	15829	8904	5698	3957	2907	2226	1759	1425
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1177	989	843	727	633	556	493	440	395	356

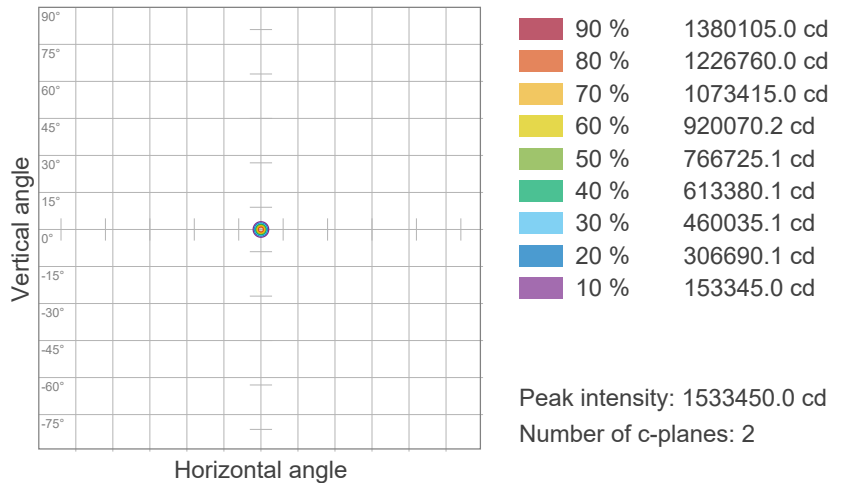
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

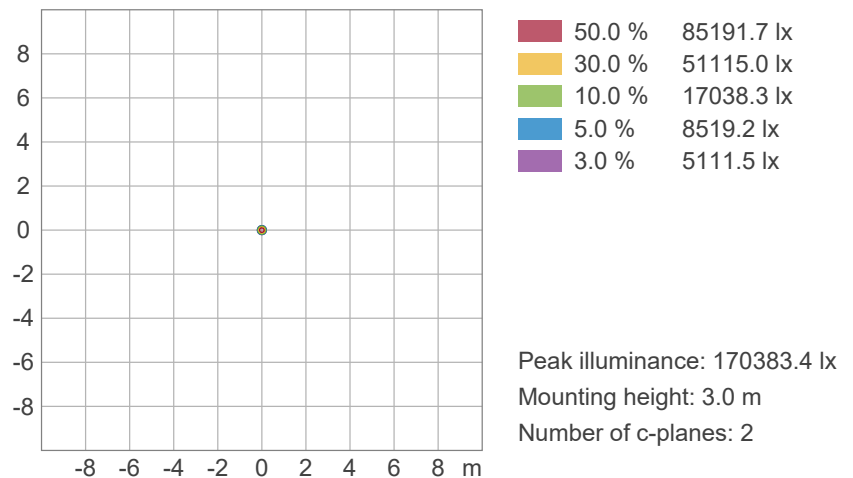


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

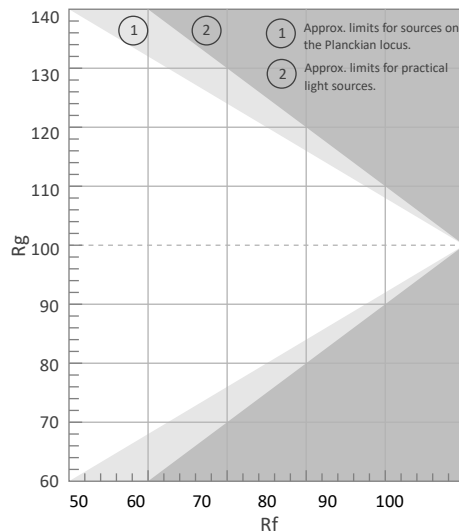
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

TM-30 Details

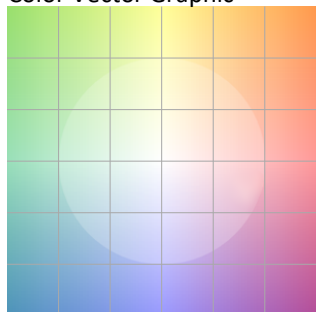
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

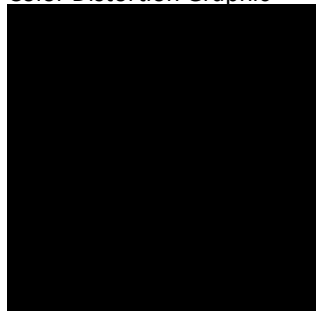
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



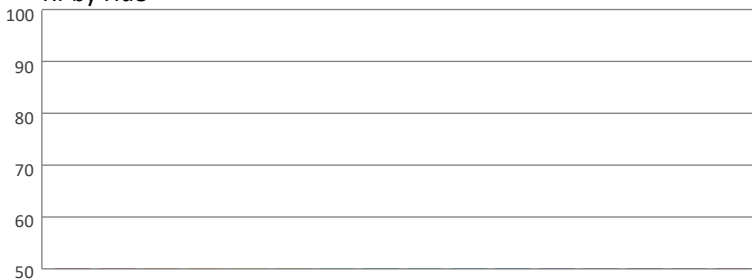
Color Vector Graphic



Color Distortion Graphic



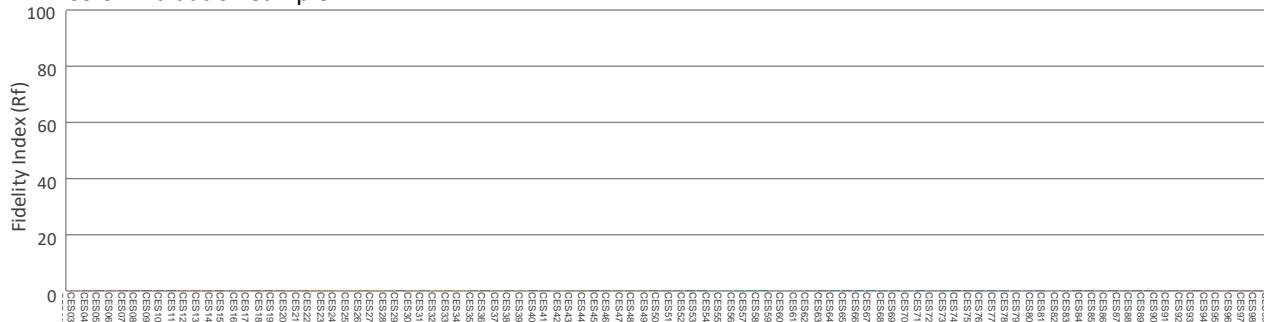
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power - Cali On

Report Summary

Measurements

Fixture Output: 12047 lm
Fixture Peak: 175079 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 7003 lux
Color Temperature: 8395 K
CRI: 75.1 CRI R9 Value: -37.8
CQS: 85.6
TLCI: 64
TM-30 Rf: 80.8
TM-30 Rg: 114.9
Beam Angle (50%): 15.9°
Field Angle (10%): 22.1°
Cutoff Angle (3%): 25.6°

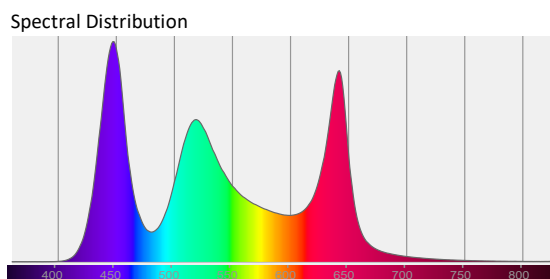
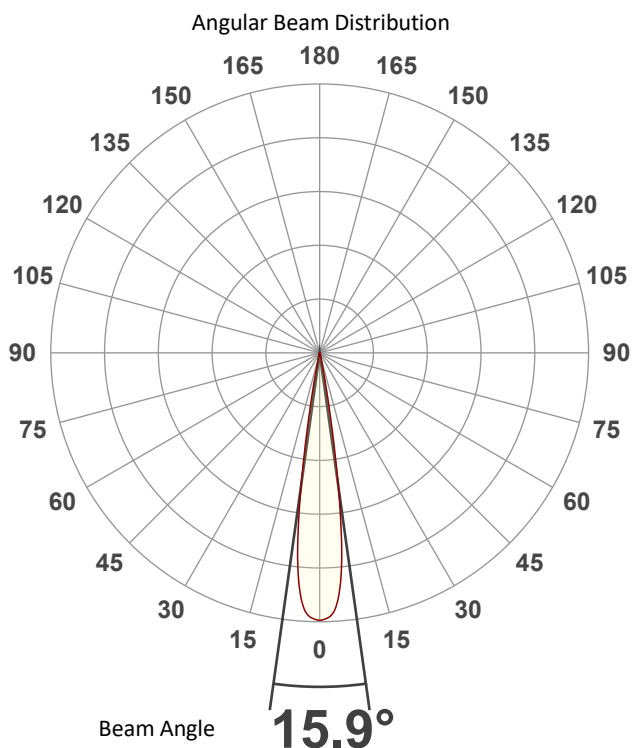


Conditions

AC Supply: 110 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/12/2024 to LM-63-2002 Standards.

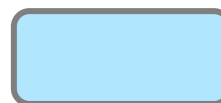
Overall Measurement



Tested Color (CIE 1931):

X: 0.291

Y: 0.302



Light Quality

CRI: 75.1

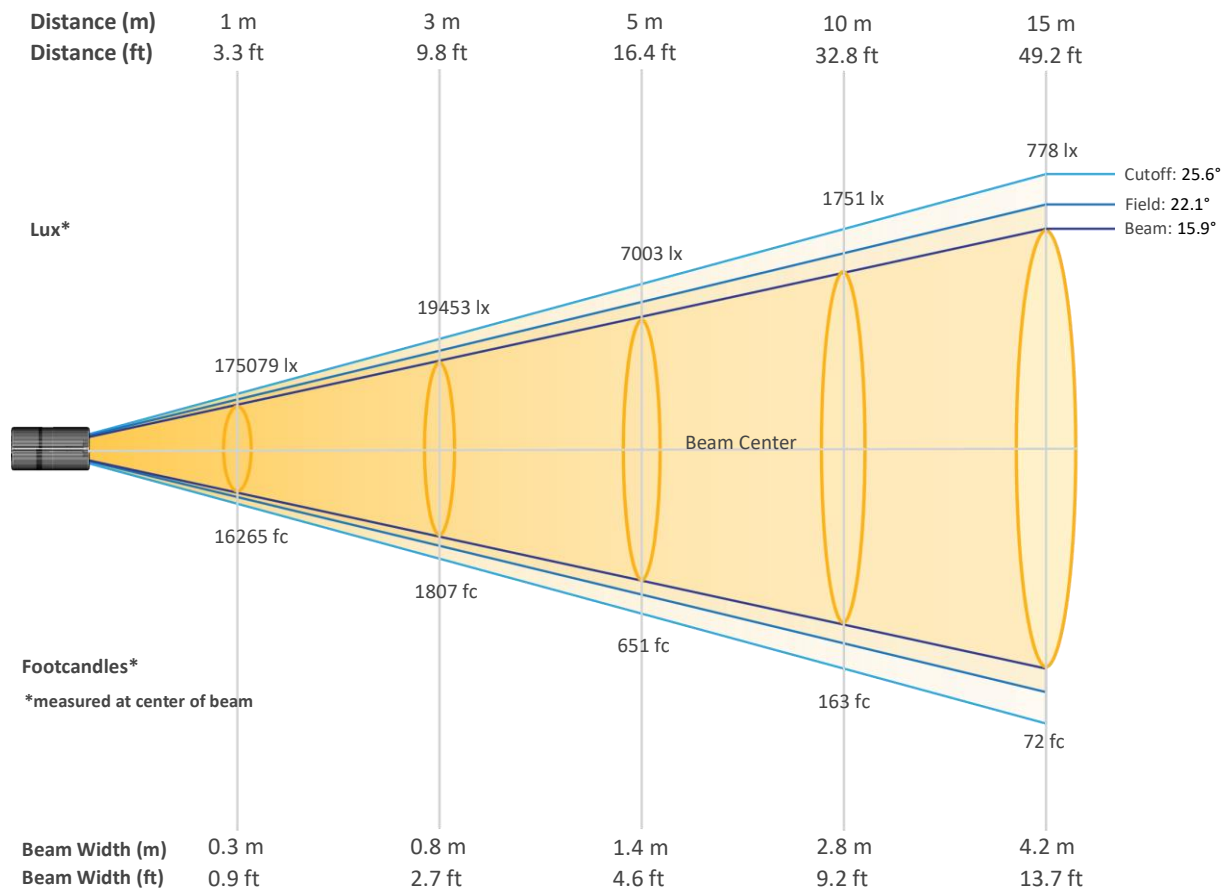
Color Temperature

8395 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

Beam Details

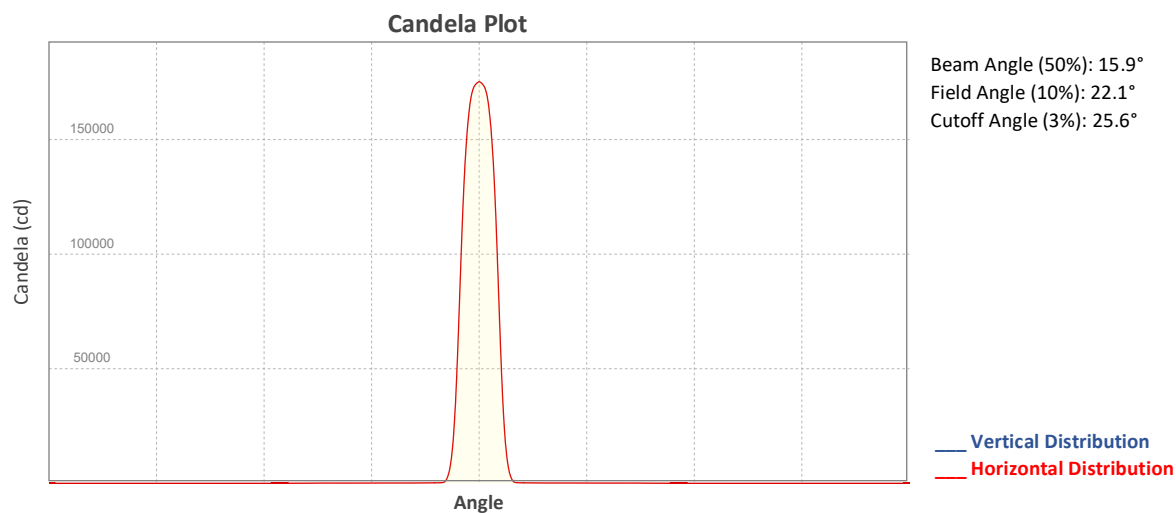


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	175079	43770	19453	10942	7003	4863	3573	2736	2161	1751
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1447	1216	1036	893	778	684	606	540	485	438
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16265	4066	1807	1017	651	452	332	254	201	163
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	134	113	96	83	72	64	56	50	45	41

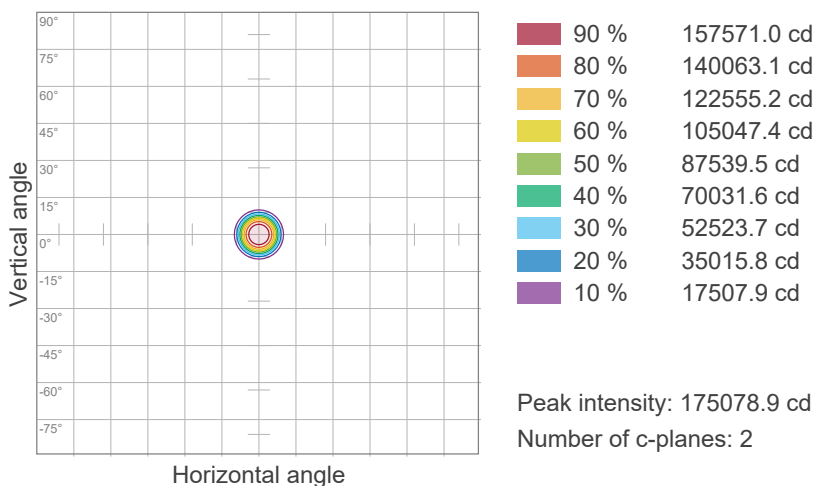
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

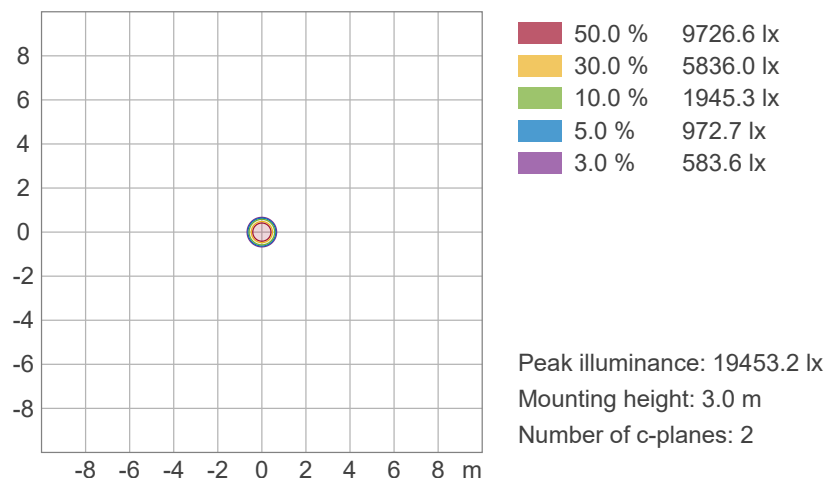


ISO Diagrams

ISO Candela Diagram



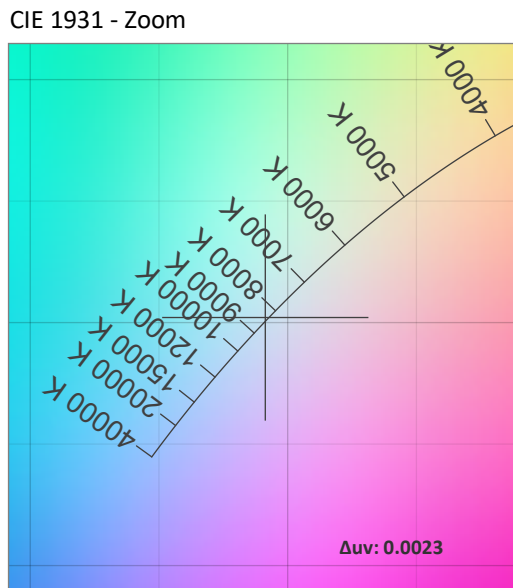
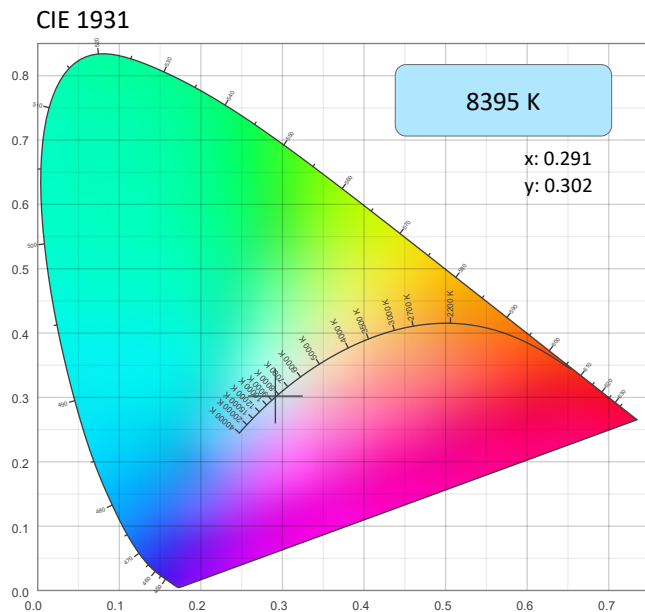
ISO Lux Diagram



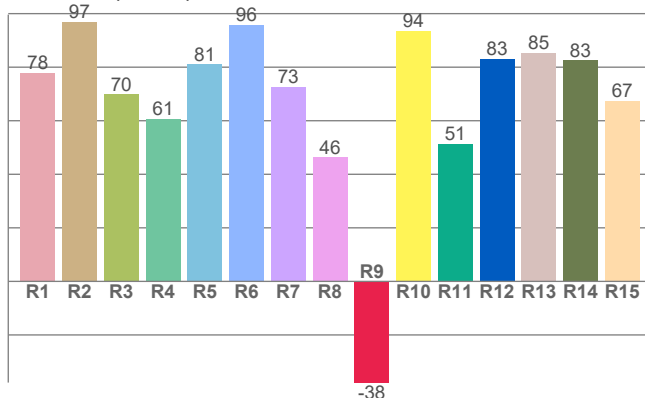
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

Chromaticity



CRI: 75.1 (R1-R8)

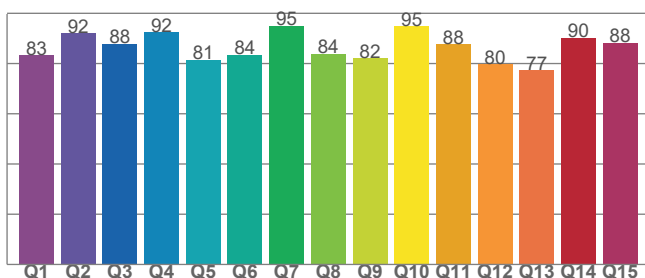


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8395 K	0.291	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0023	0.302	0.193

CQS: 85.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.1	-37.8	85.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	80.8	114.9

Photometric & Chromaticity Report

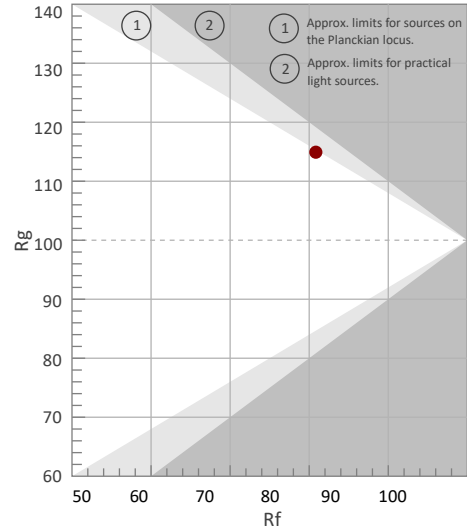
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Full Power

TM-30 Details

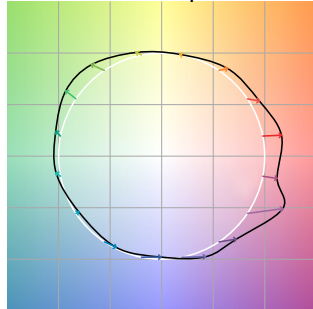
Rf 80.8
Fidelity Index (Rg)

Rg 114.9
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	67	18%	-3%
2	78	9%	-8%
3	85	6%	-6%
4	94	0%	2%
5	87	3%	5%
6	80	12%	7%
7	80	13%	-1%
8	80	5%	-3%
9	92	4%	-4%
10	92	-3%	0%
11	76	-2%	12%
12	76	-4%	18%
13	73	4%	23%
14	73	7%	15%
15	64	26%	23%
16	73	14%	1%



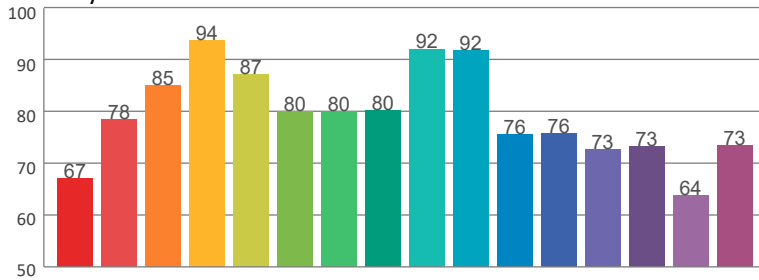
Color Vector Graphic



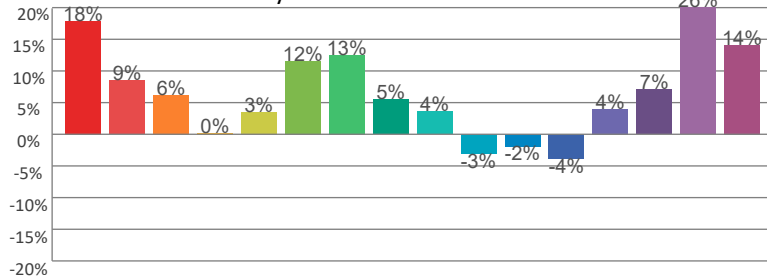
Color Distortion Graphic



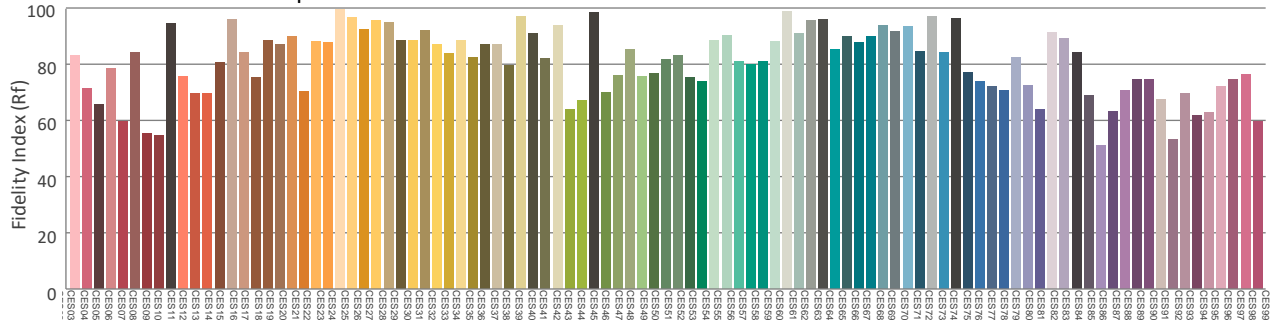
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Red

Report Summary

Measurements

Fixture Output: 2674 lm
Fixture Peak: 39049 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1562 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.7°
Field Angle (10%): 22.1°
Cutoff Angle (3%): 25.2°

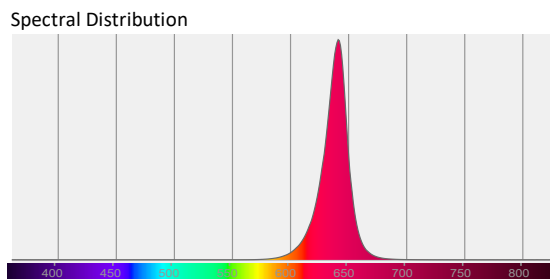
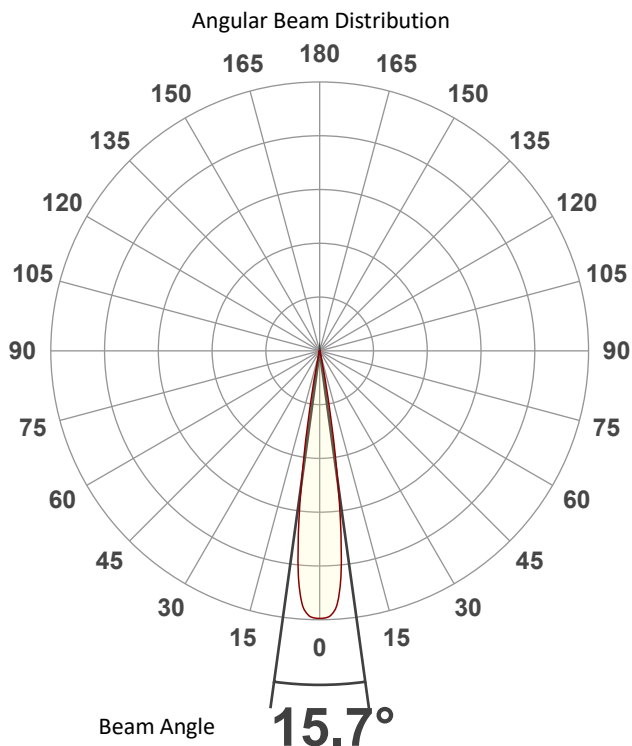


Conditions

AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.297



Light Quality

CRI: 0.0

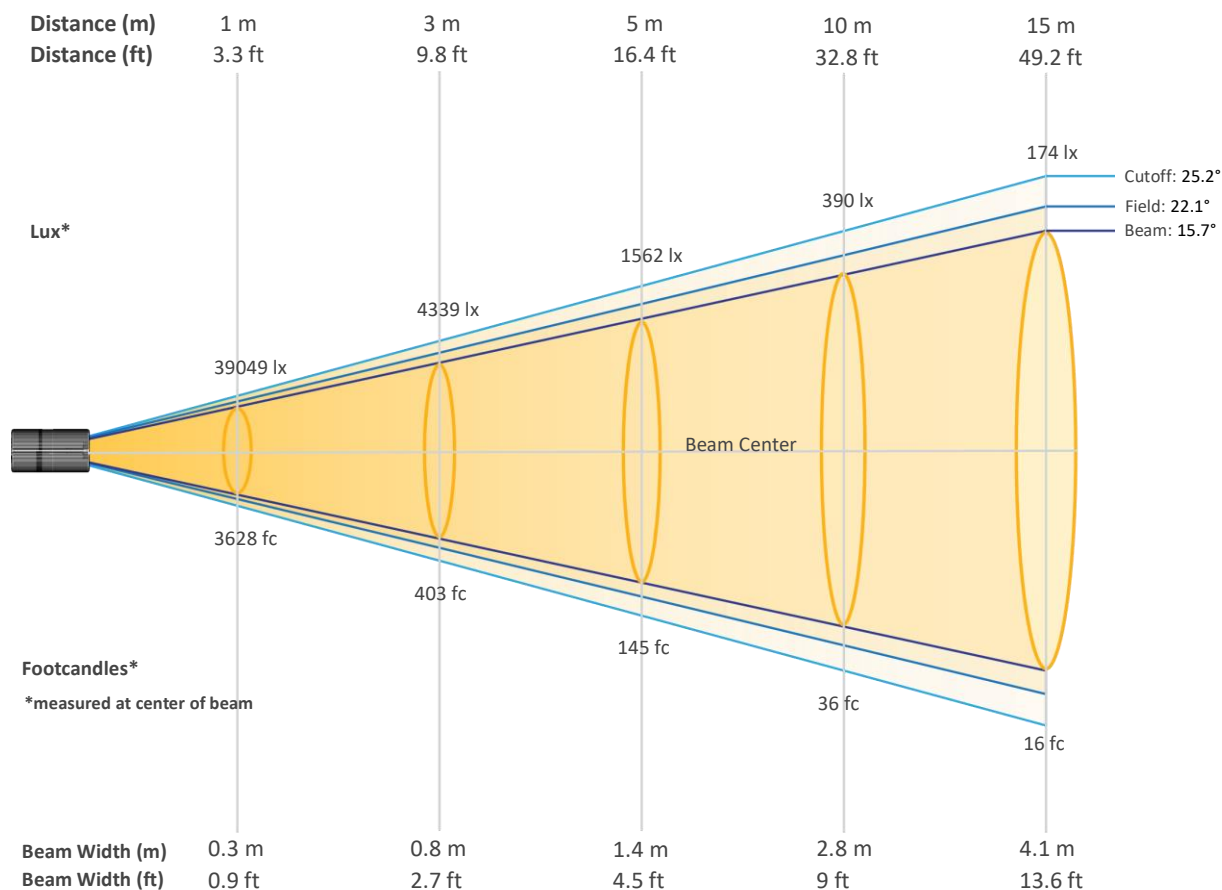
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Red Only

Beam Details

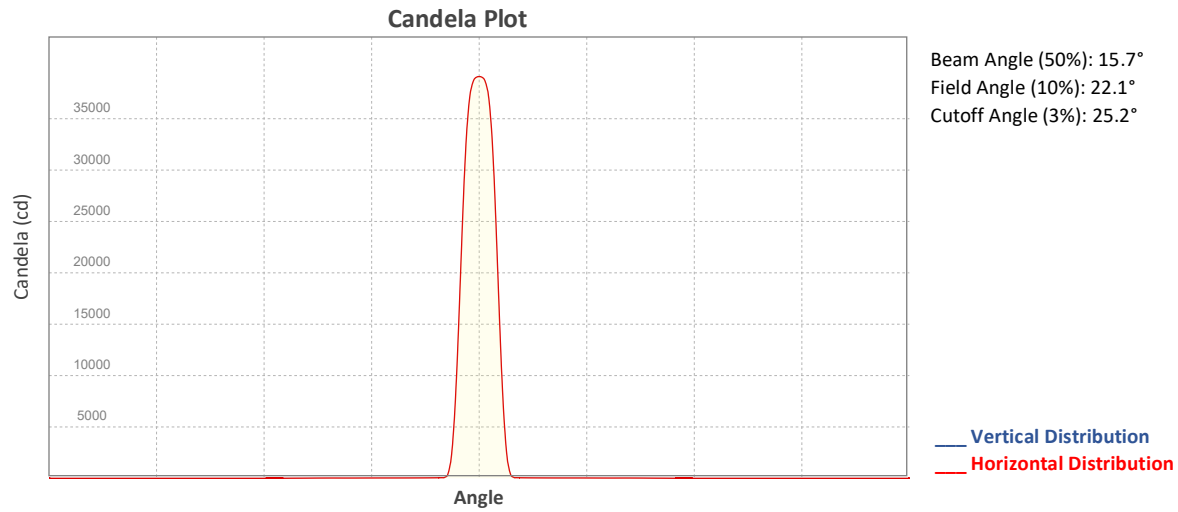


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39049	9762	4339	2441	1562	1085	797	610	482	390
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	323	271	231	199	174	153	135	121	108	98
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3628	907	403	227	145	101	74	57	45	36
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	30	25	21	19	16	14	13	11	10	9

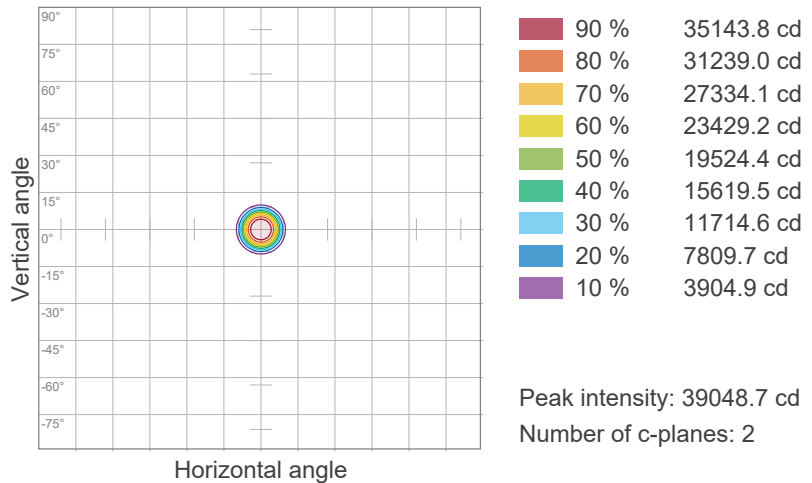
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Red Only

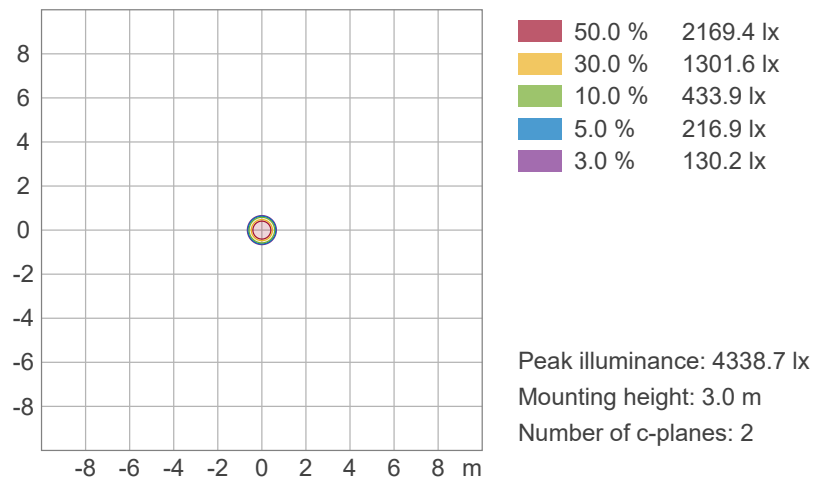


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

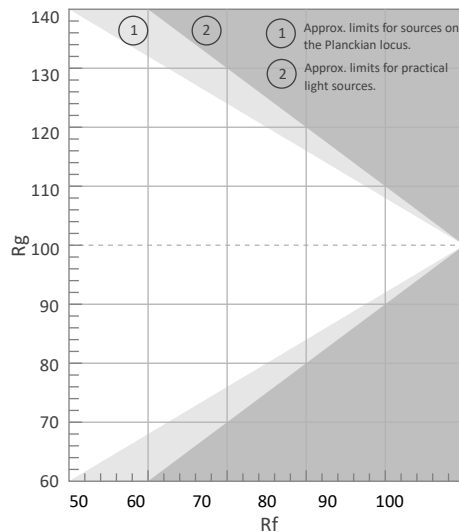
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Red Only

TM-30 Details

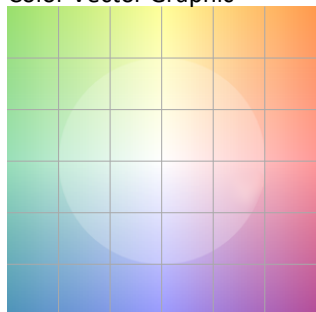
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

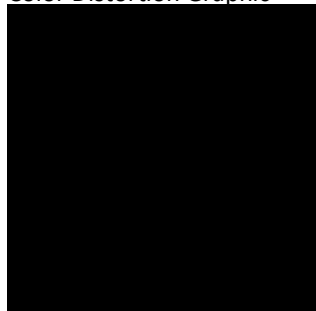
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



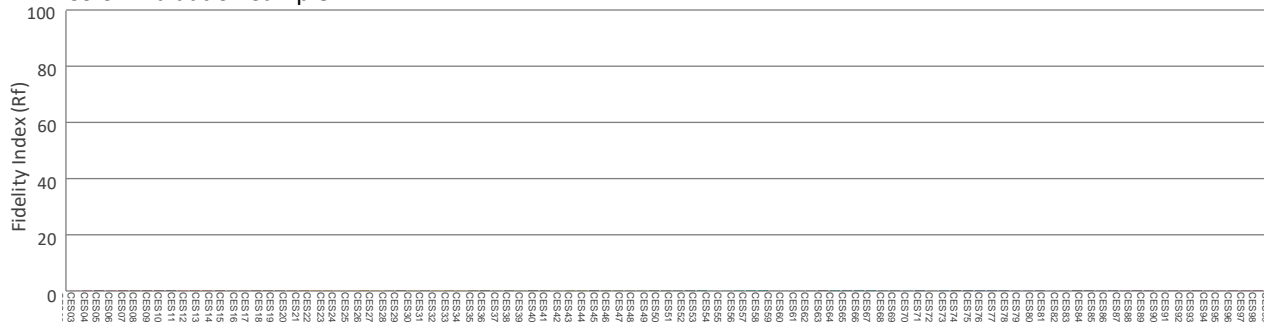
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Green

Report Summary

Measurements

Fixture Output: 4594 lm
Fixture Peak: 70765 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2831 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.1°
Field Angle (10%): 22.3°
Cutoff Angle (3%): 25.2°

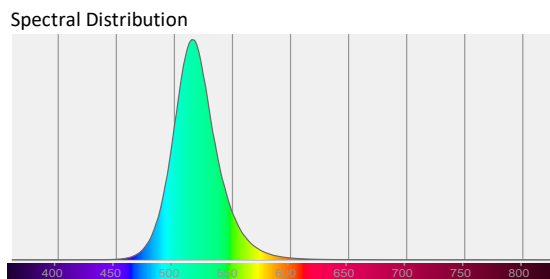
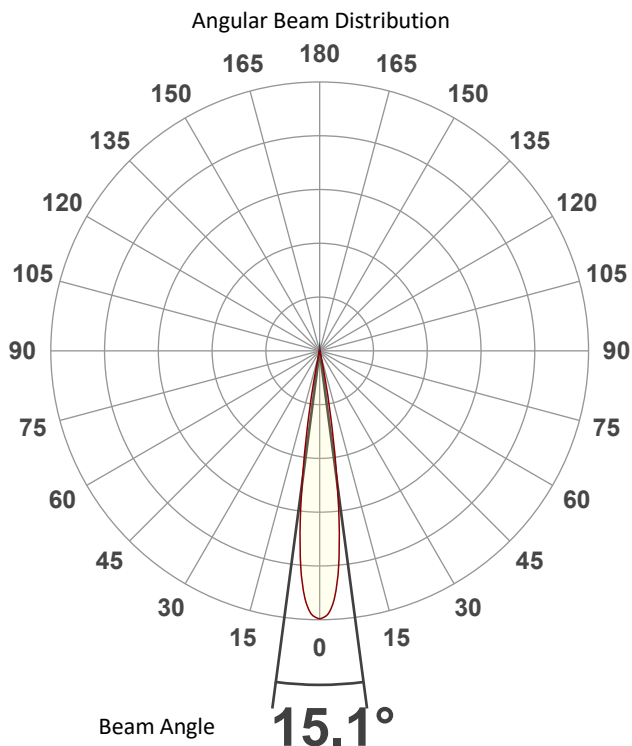


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.144

Y: 0.684



Light Quality

CRI: 0.0

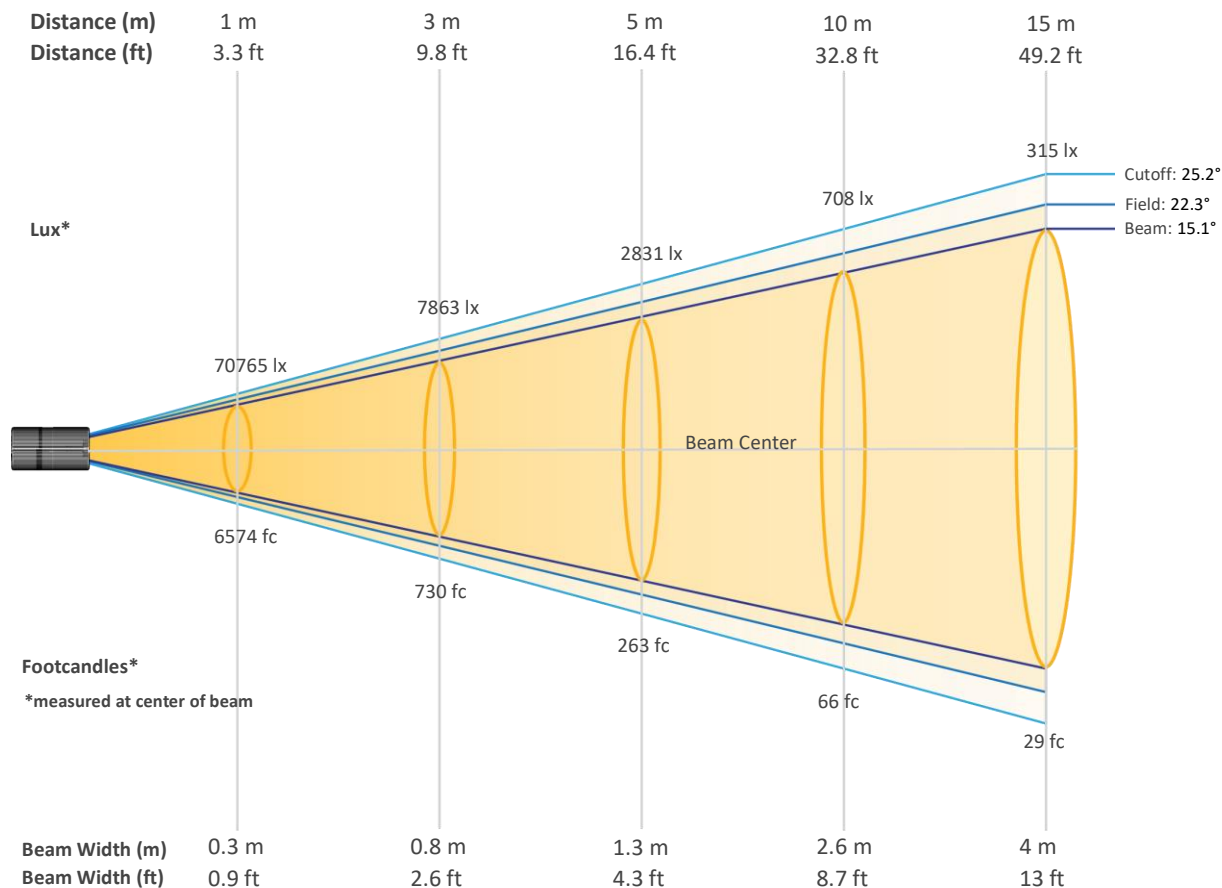
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Green Only

Beam Details

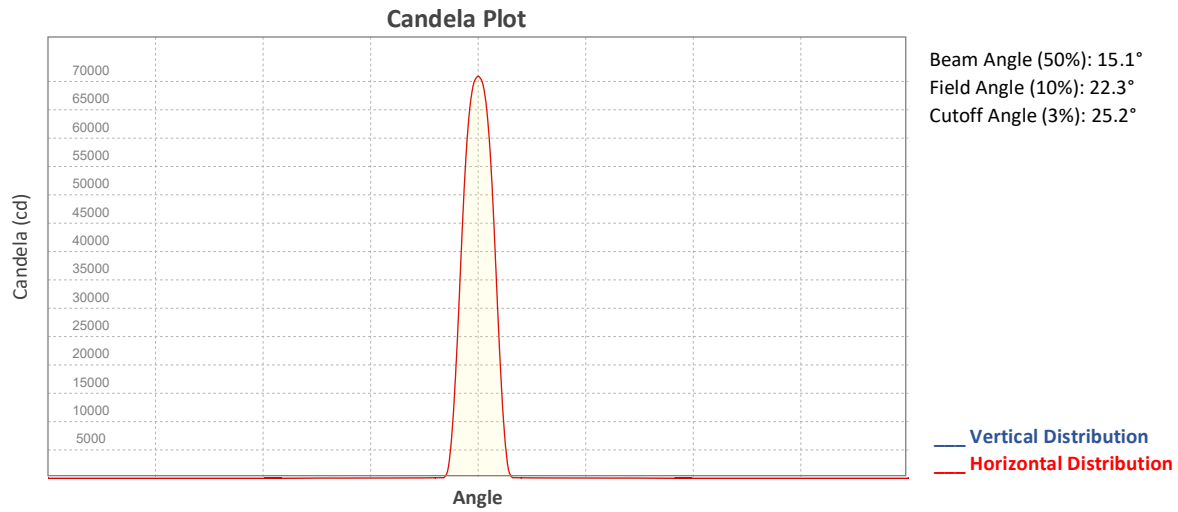


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	70765	17691	7863	4423	2831	1966	1444	1106	874	708
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	585	491	419	361	315	276	245	218	196	177
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6574	1644	730	411	263	183	134	103	81	66
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	54	46	39	34	29	26	23	20	18	16

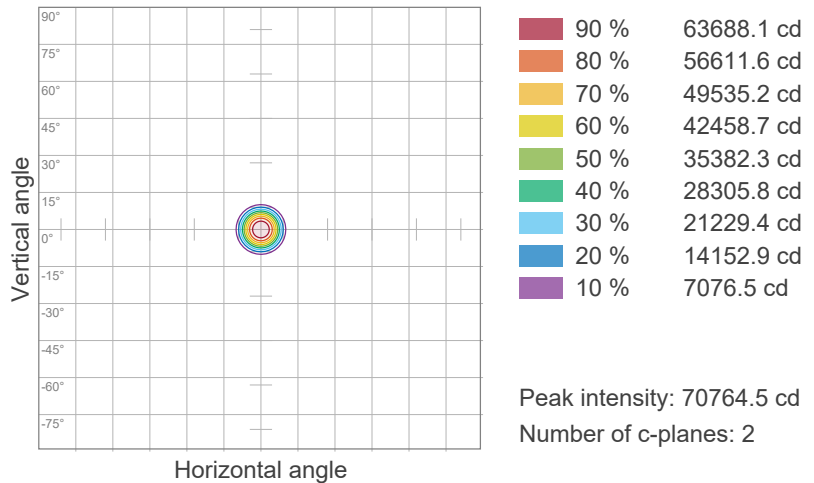
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Green Only

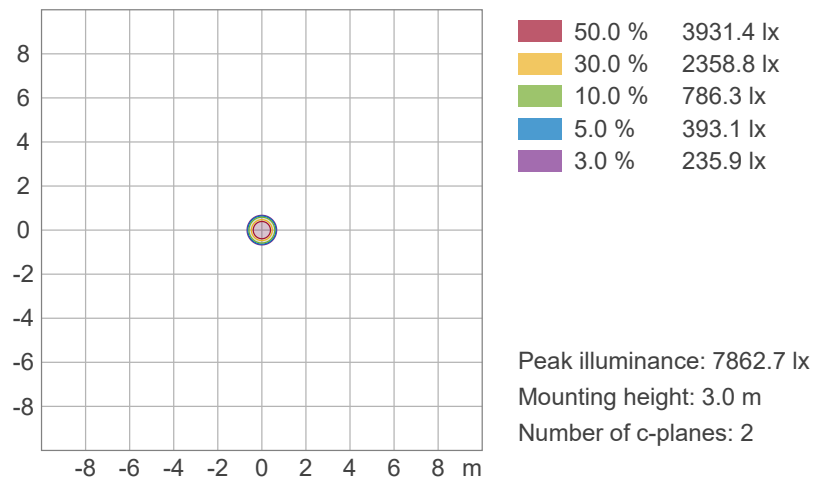


ISO Diagrams

ISO Candela Diagram



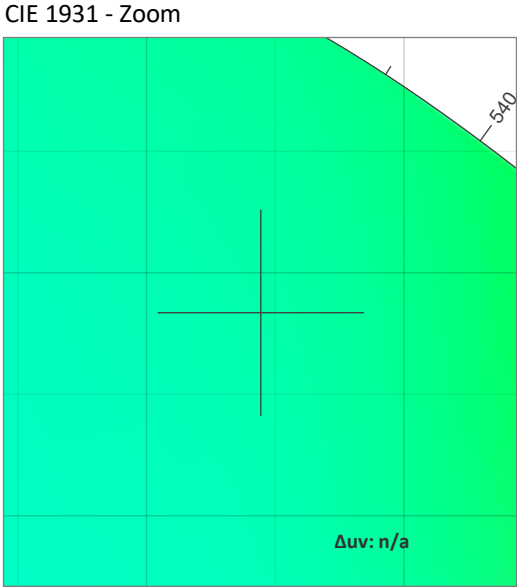
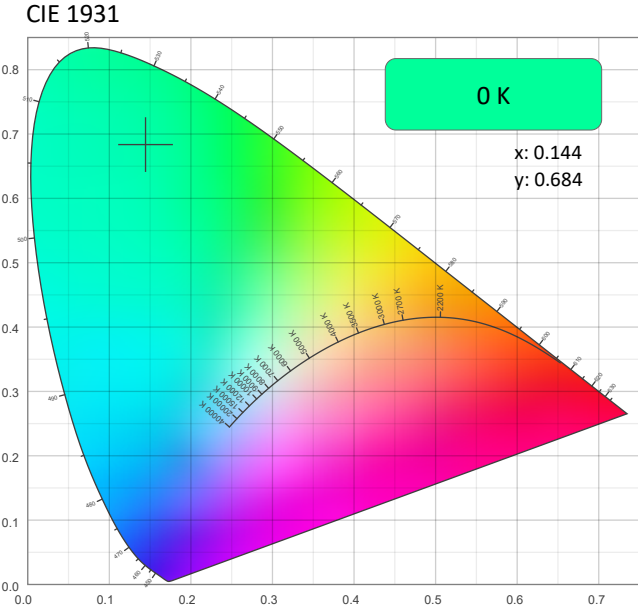
ISO Lux Diagram



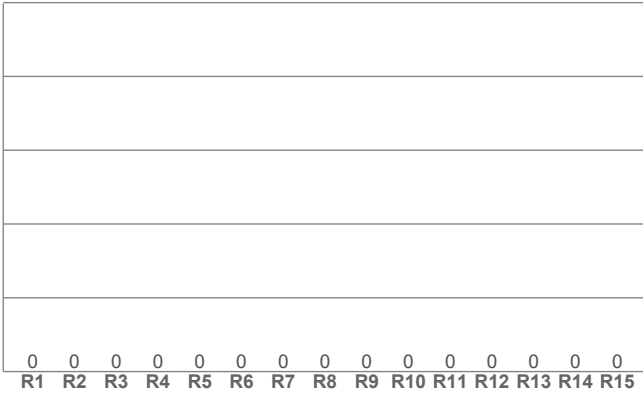
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Green Only

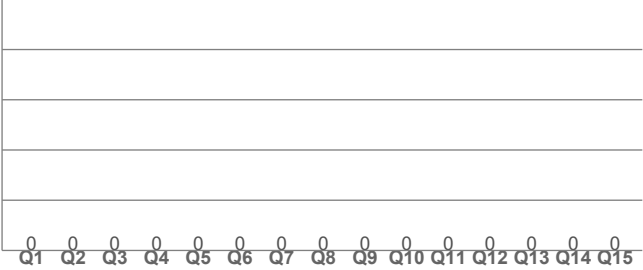
Chromaticity



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.144	0.684

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.684	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

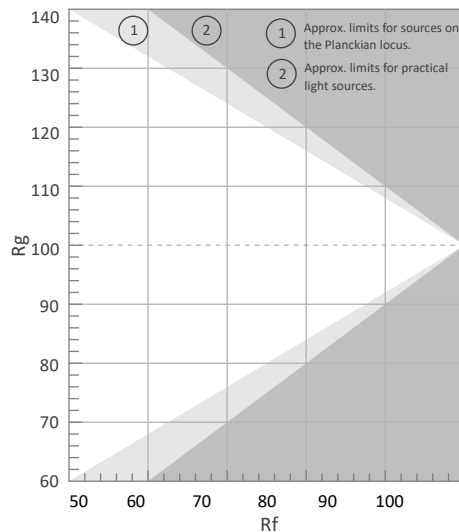
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Green Only

TM-30 Details

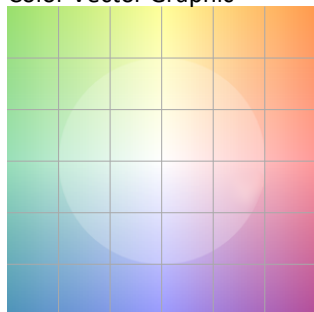
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

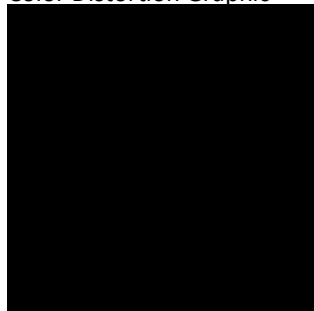
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



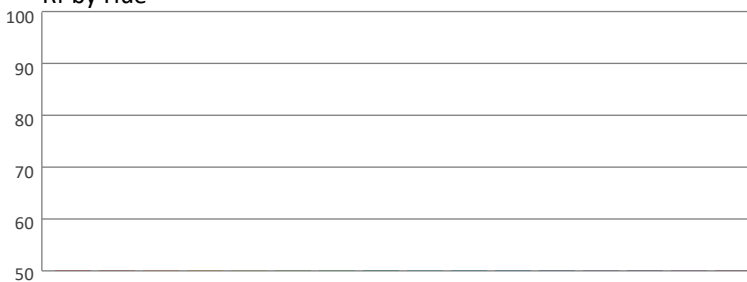
Color Vector Graphic



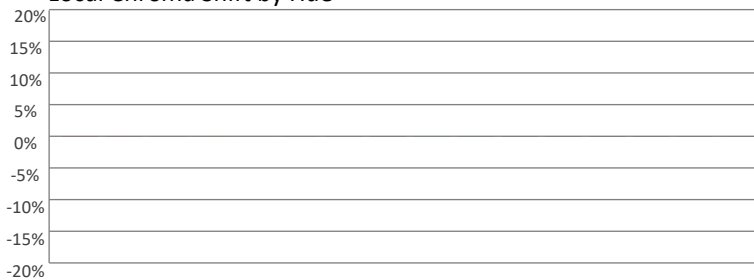
Color Distortion Graphic



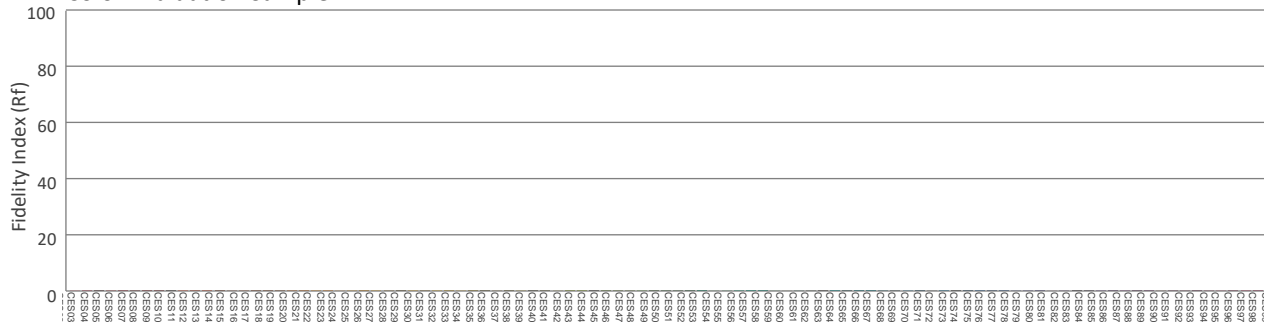
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Blue

Report Summary

Measurements

Fixture Output: 1486 lm
Fixture Peak: 21638 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 866 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.4°
Field Angle (10%): 21.5°
Cutoff Angle (3%): 24.6°

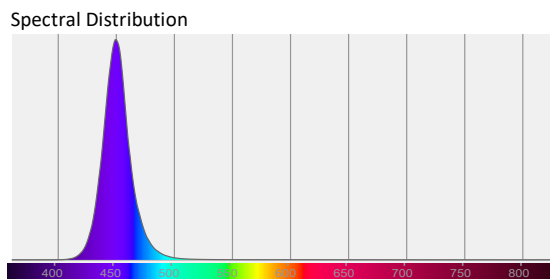
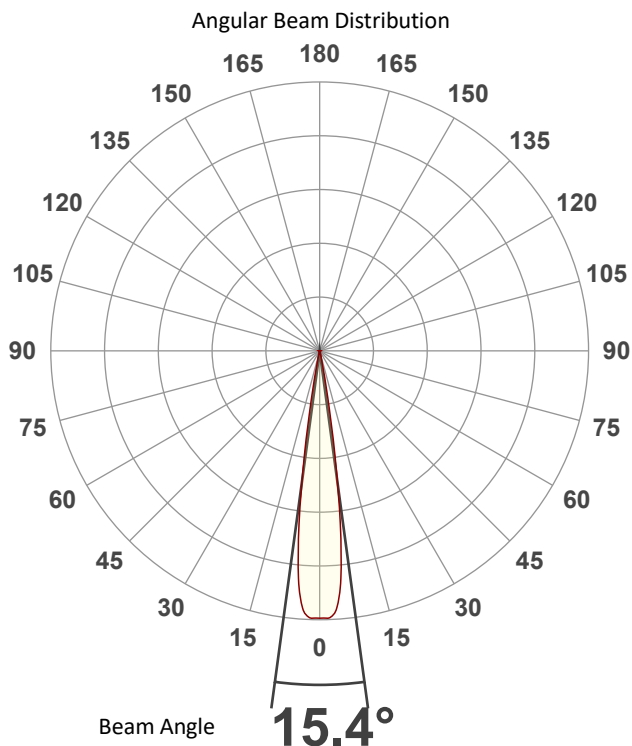


Conditions

AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.154
Y: 0.025

Light Quality
CRI: 0.0

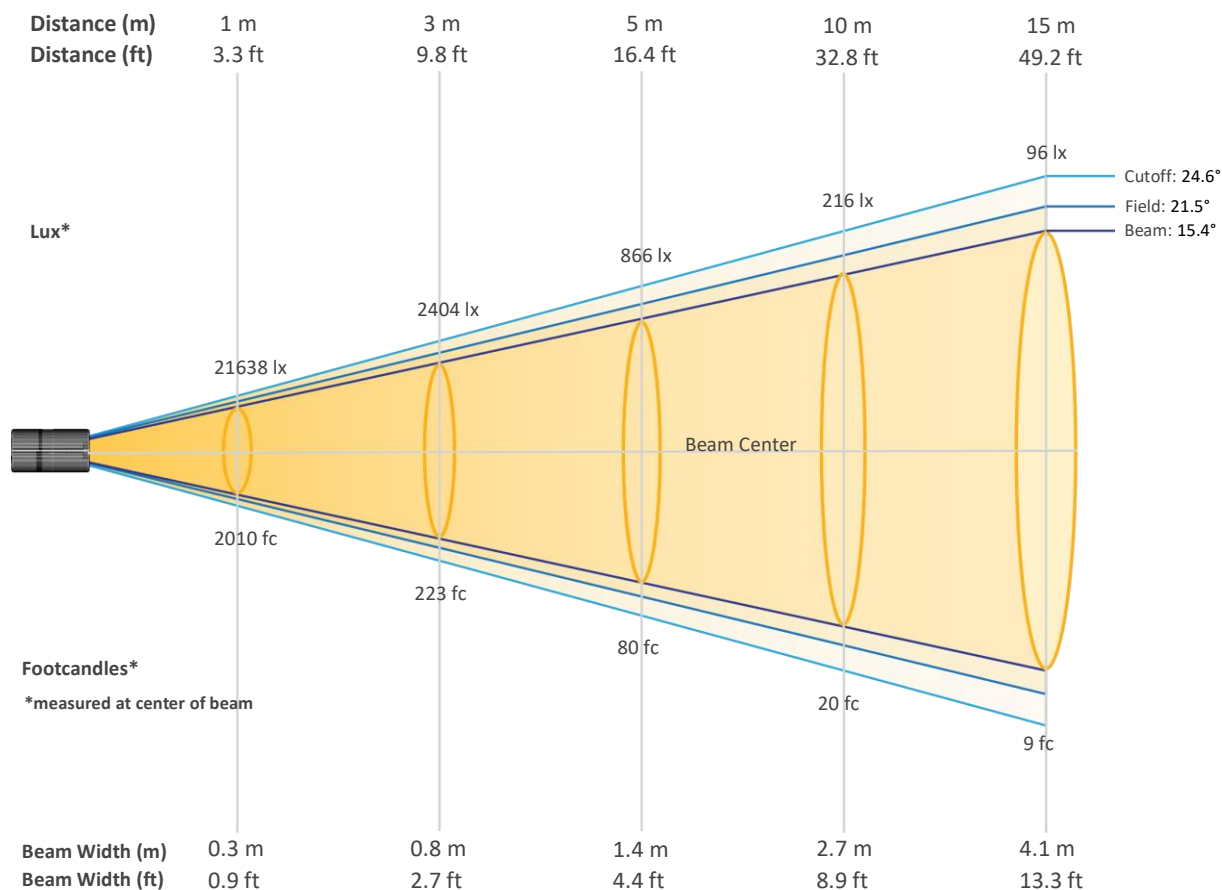
Color Temperature
0 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Blue Only

Beam Details

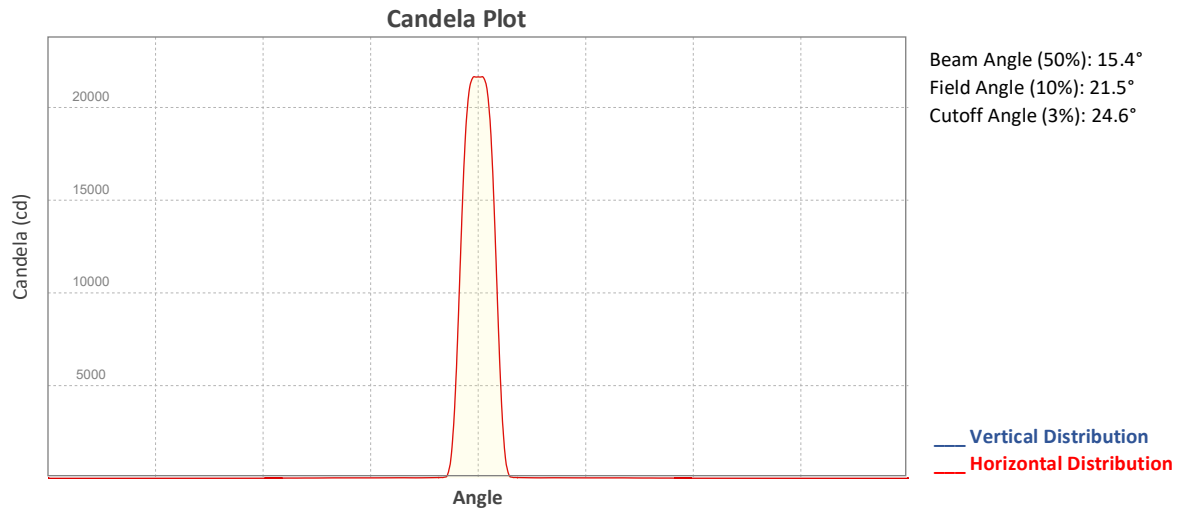


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	21638	5410	2404	1352	866	601	442	338	267	216
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	179	150	128	110	96	85	75	67	60	54
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2010	503	223	126	80	56	41	31	25	20
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	17	14	12	10	9	8	7	6	6	5

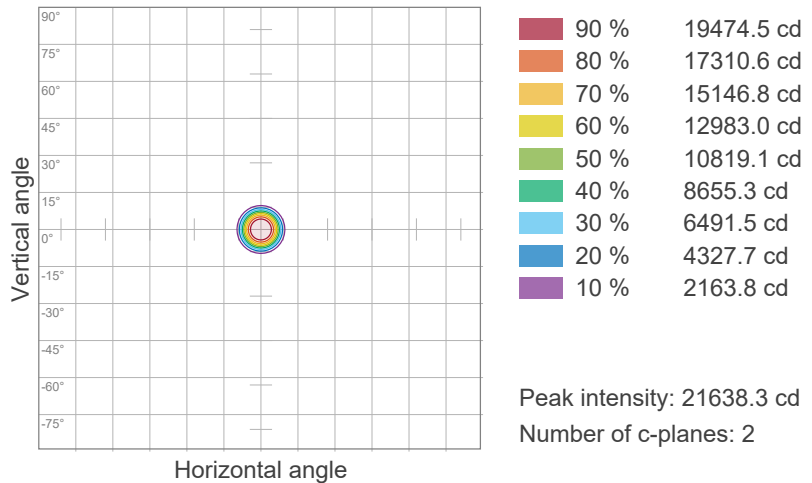
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Blue Only

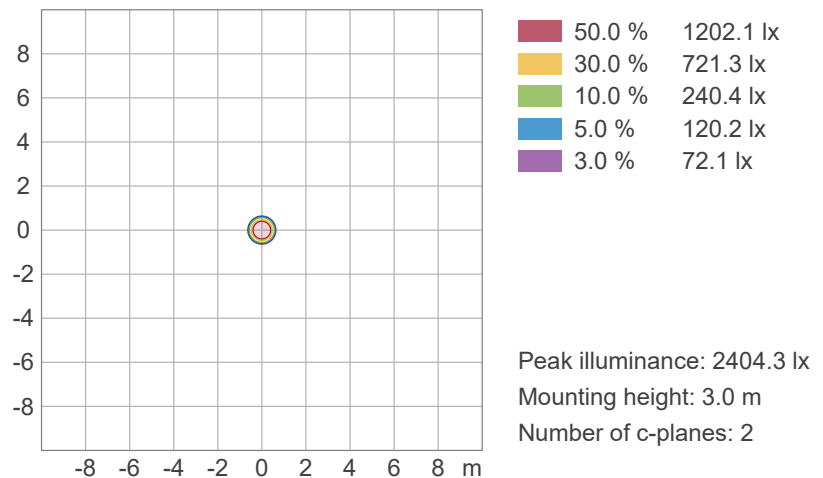


ISO Diagrams

ISO Candela Diagram



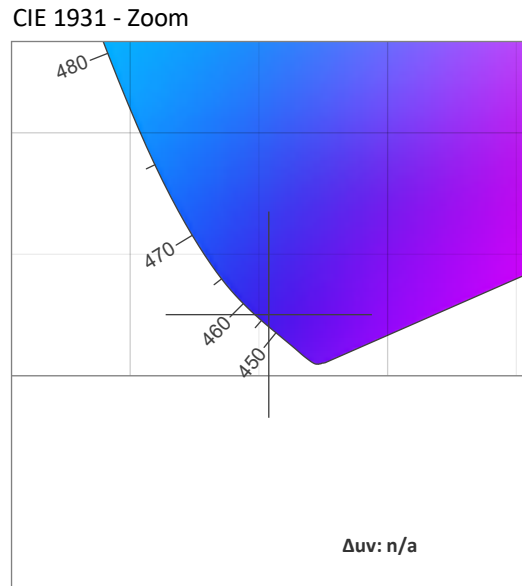
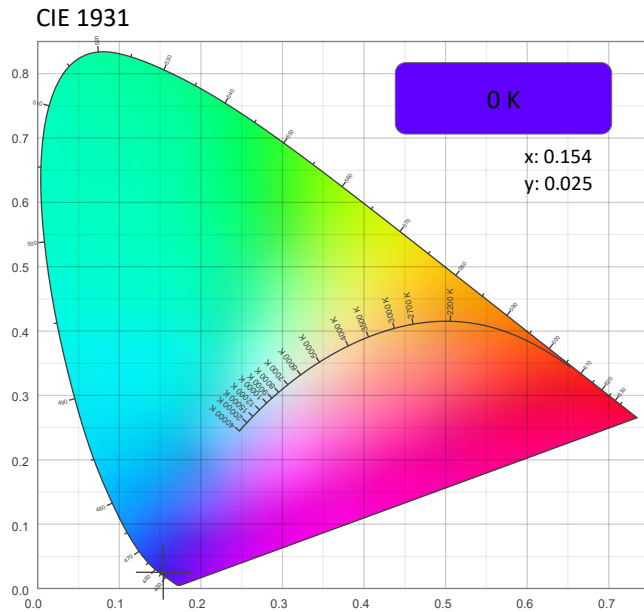
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Blue Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.154	0.025

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.025	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

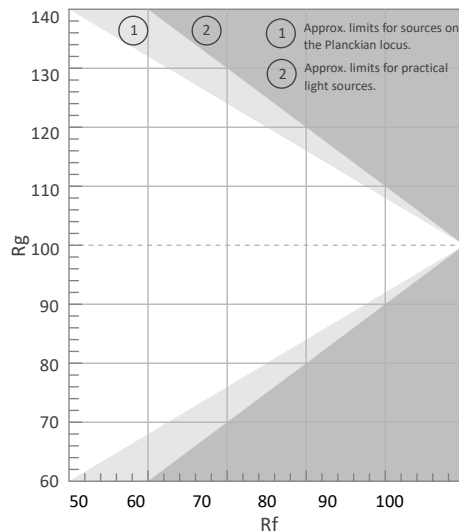
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - Blue Only

TM-30 Details

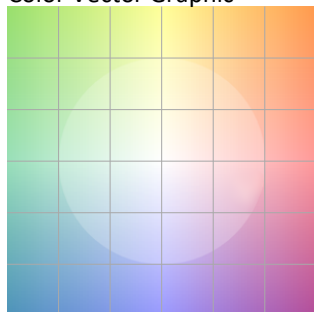
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

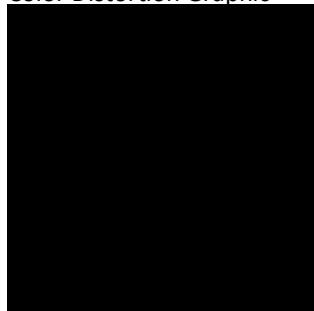
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



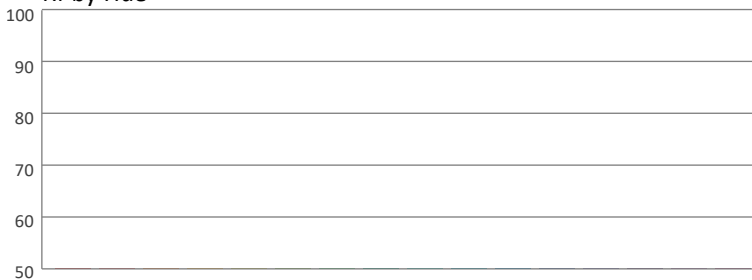
Color Vector Graphic



Color Distortion Graphic



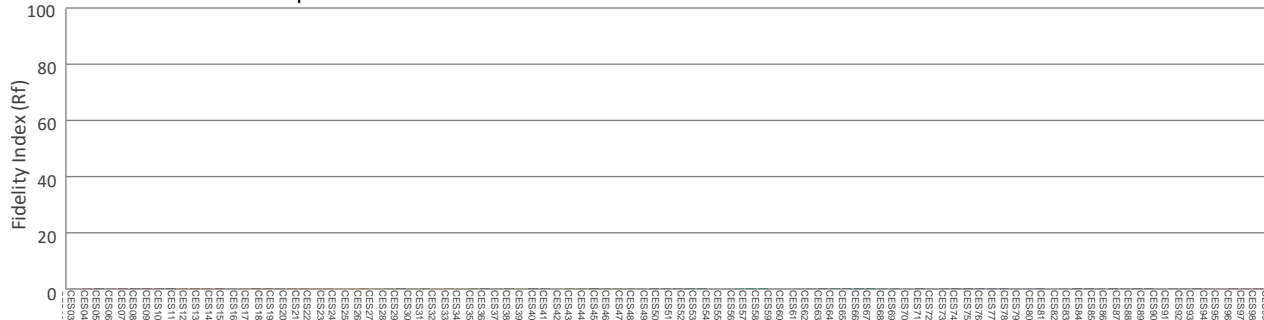
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - White

Report Summary

Measurements

Fixture Output: 6641 lm
Fixture Peak: 99881 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3995 lux
Color Temperature: 7851 K
CRI: 71.4 CRI R9 Value: 1.2
CQS: 66.1
TLCI: 44
TM-30 Rf: 66.6
TM-30 Rg: 97.1
Beam Angle (50%): 15.6°
Field Angle (10%): 22.5°
Cutoff Angle (3%): 25.5°

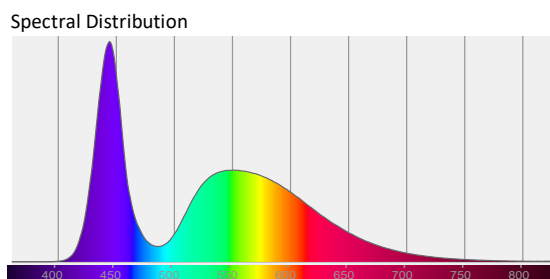
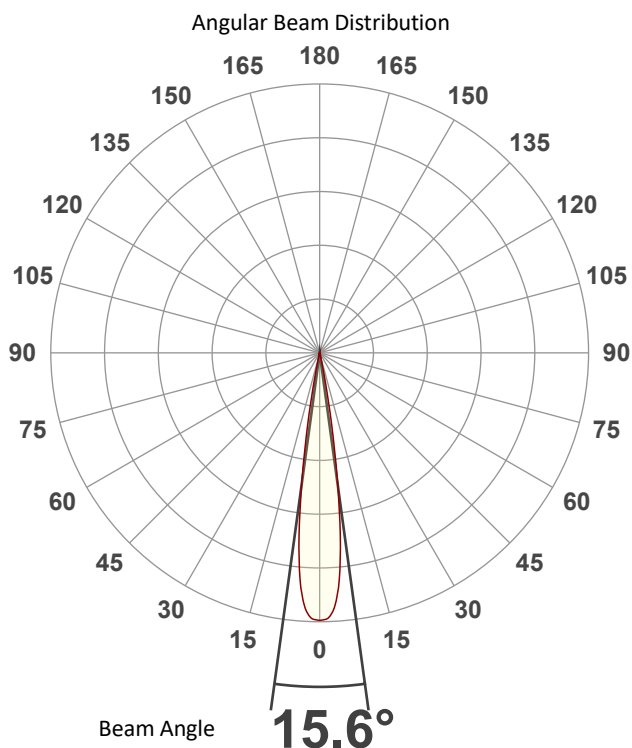


Conditions

AC Supply: 116 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

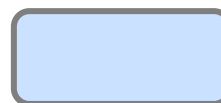
Overall Measurement



Tested Color (CIE 1931):

X: 0.301

Y: 0.294



Light Quality

CRI: 71.4

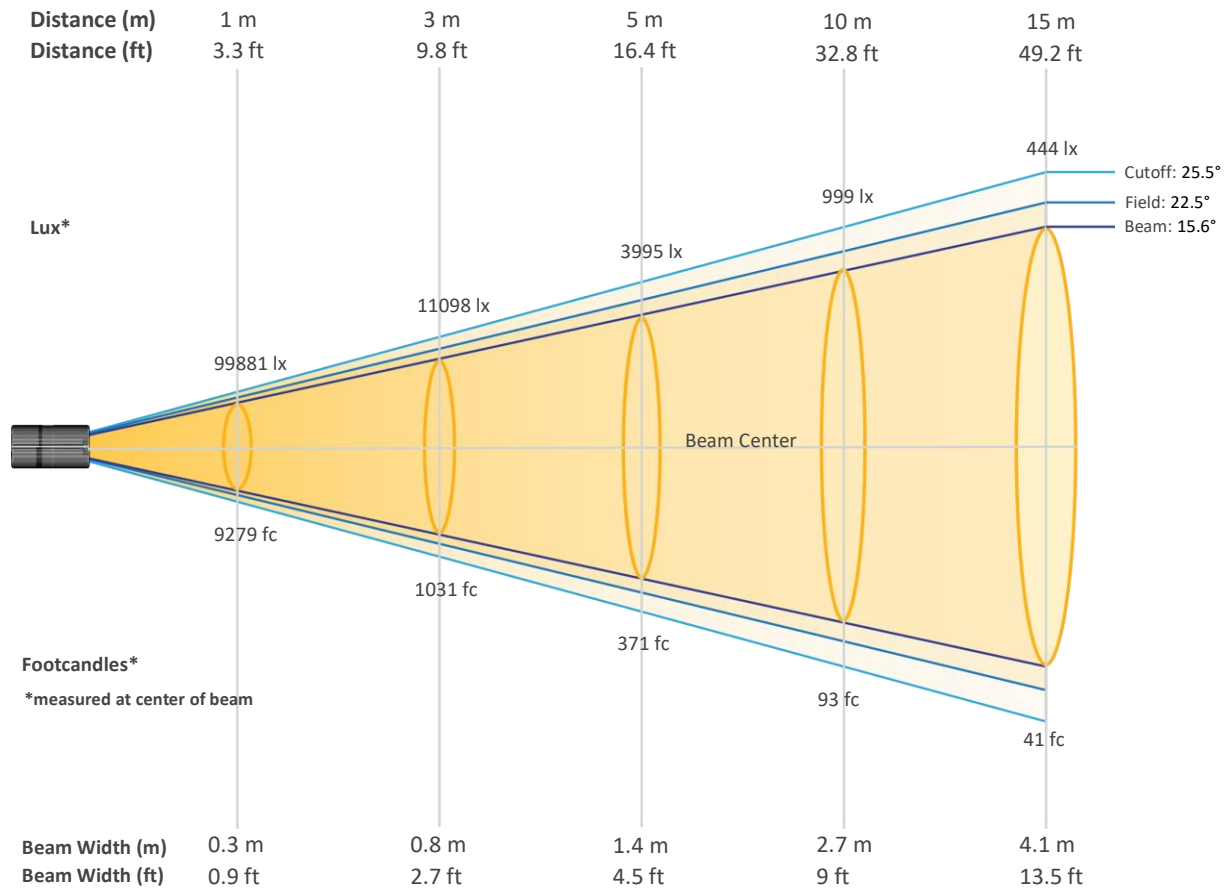
Color Temperature

7851 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - White Only

Beam Details

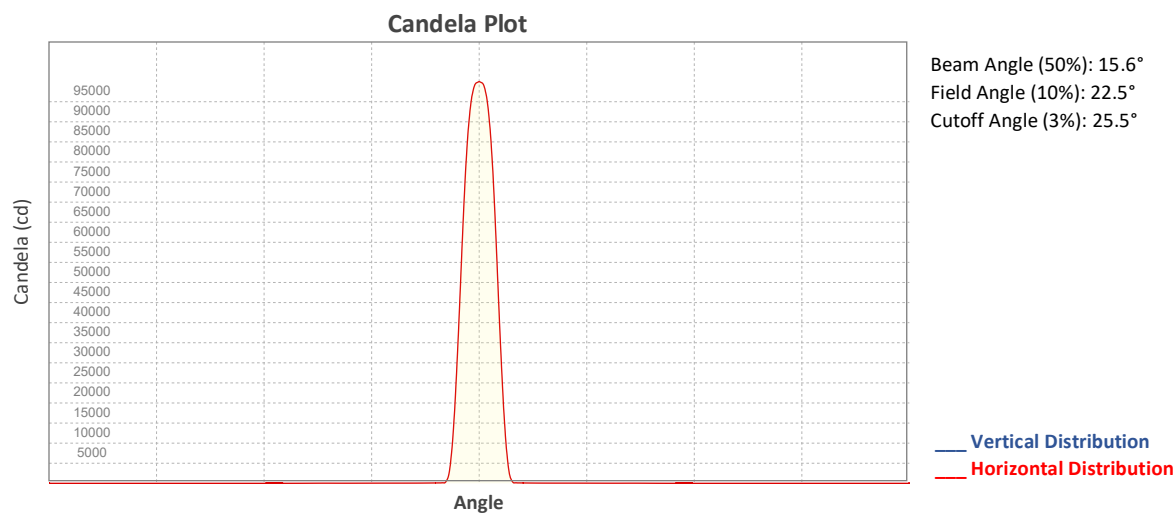


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99881	24970	11098	6243	3995	2774	2038	1561	1233	999
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	825	694	591	510	444	390	346	308	277	250
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9279	2320	1031	580	371	258	189	145	115	93
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	77	64	55	47	41	36	32	29	26	23

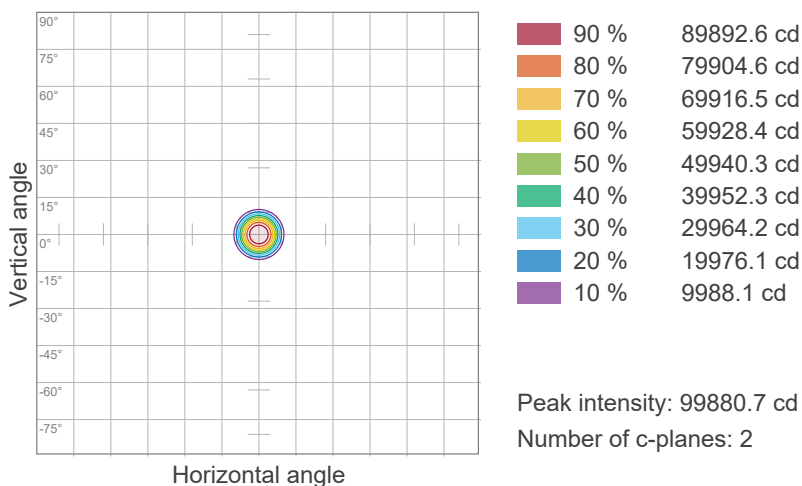
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - White Only

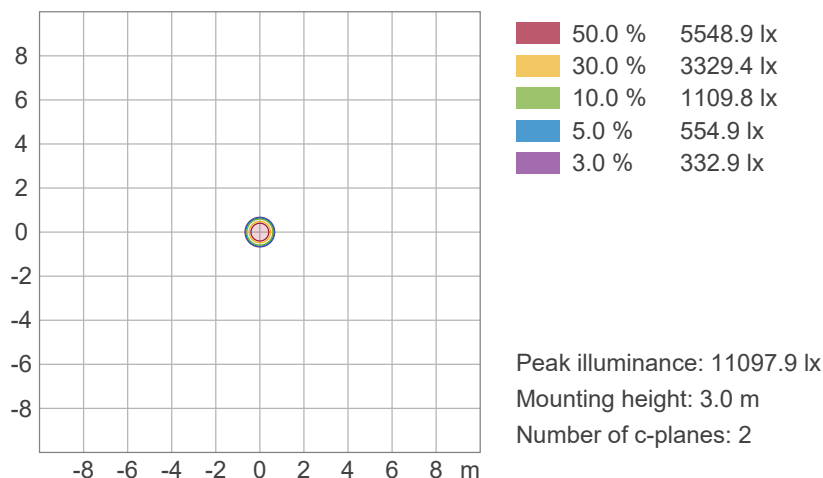


ISO Diagrams

ISO Candela Diagram



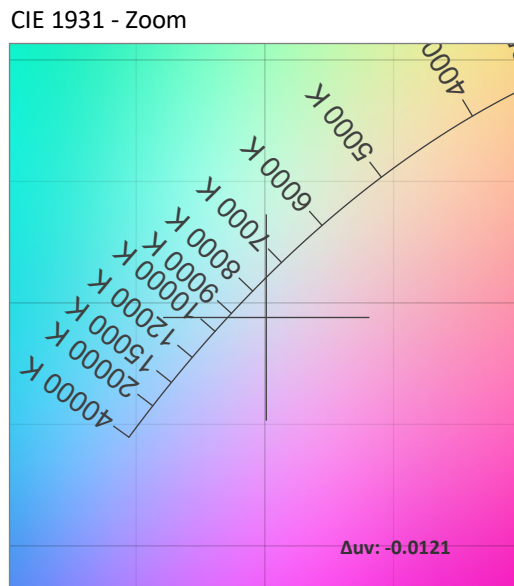
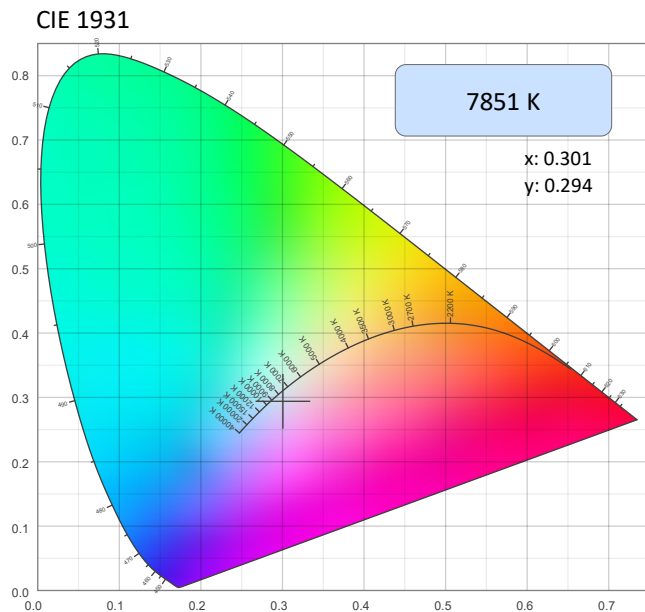
ISO Lux Diagram



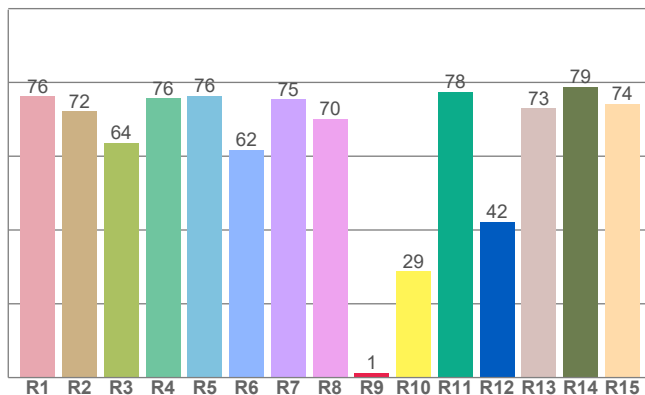
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - White Only

Chromaticity



CRI: 71.4 (R1-R8)

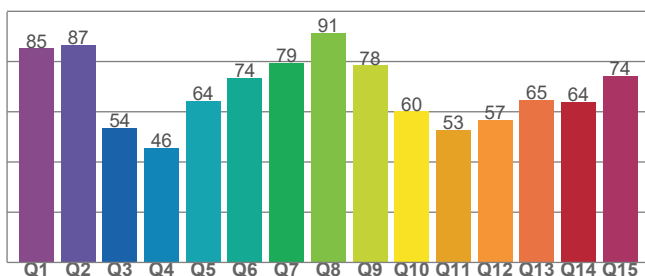


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7851 K	0.301	0.294

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0121	0.294	0.203

CQS: 66.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.4	1.2	66.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.6	97.1

Photometric & Chromaticity Report

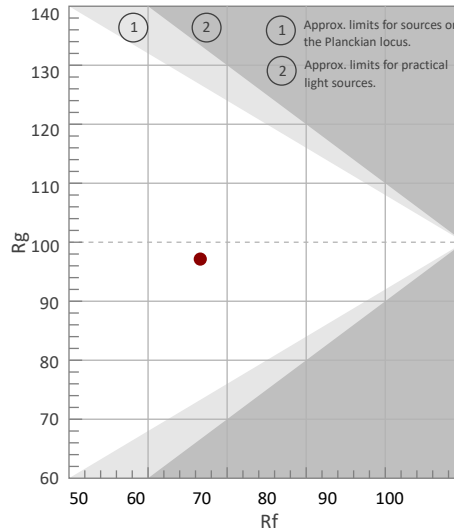
Maverick Storm 3 Beam Wash - 2: Full Spot-w/Both Zoom Zone - White Only

TM-30 Details

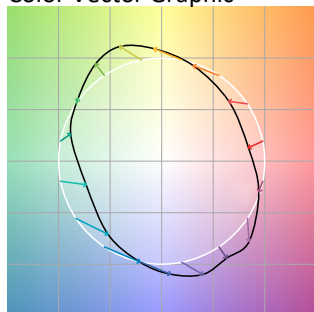
Rf 66.6
Fidelity Index (Rg)

Rg 97.1
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	53	5%	28%
5	62	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-9%
9	75	-24%	8%
10	57	-17%	30%
11	26	-7%	37%
12	59	6%	30%
13	71	16%	18%
14	76	13%	0%
15	74	14%	-18%
16	81	-2%	-11%



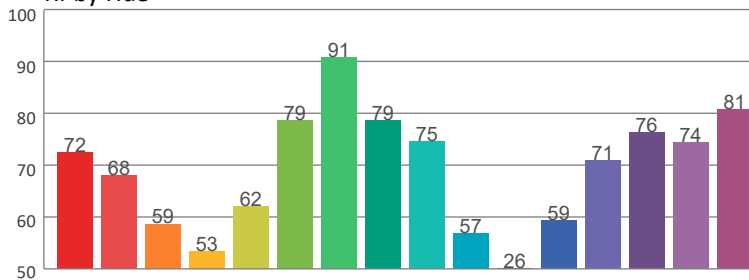
Color Vector Graphic



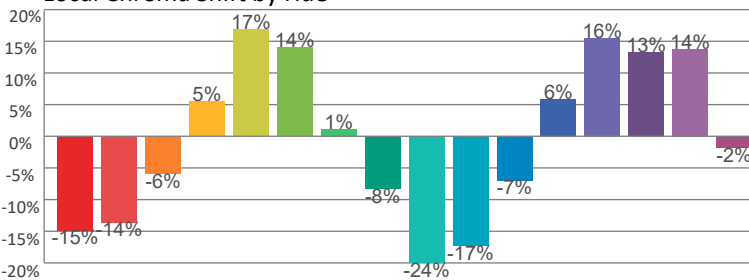
Color Distortion Graphic



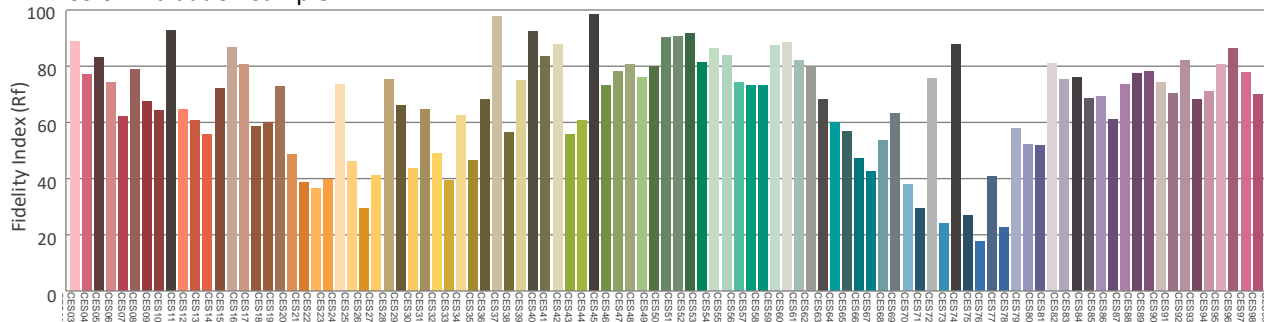
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - Full Power

Report Summary

Measurements

Fixture Output: 6233 lm
Fixture Peak: 96792 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3872 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.7°
Field Angle (10%): 21.4°
Cutoff Angle (3%): 24.3°

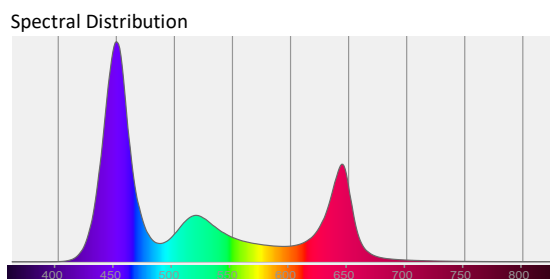
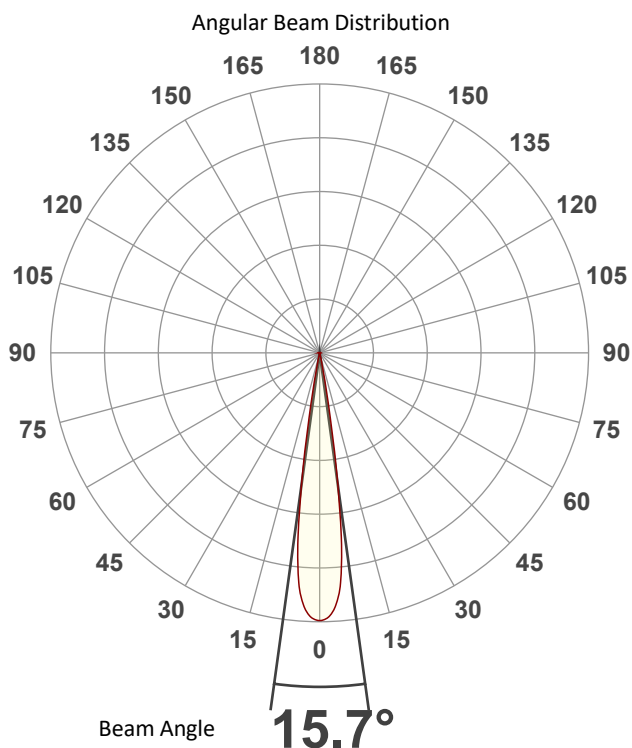


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.240

Y: 0.174



Light Quality

CRI: 0.0

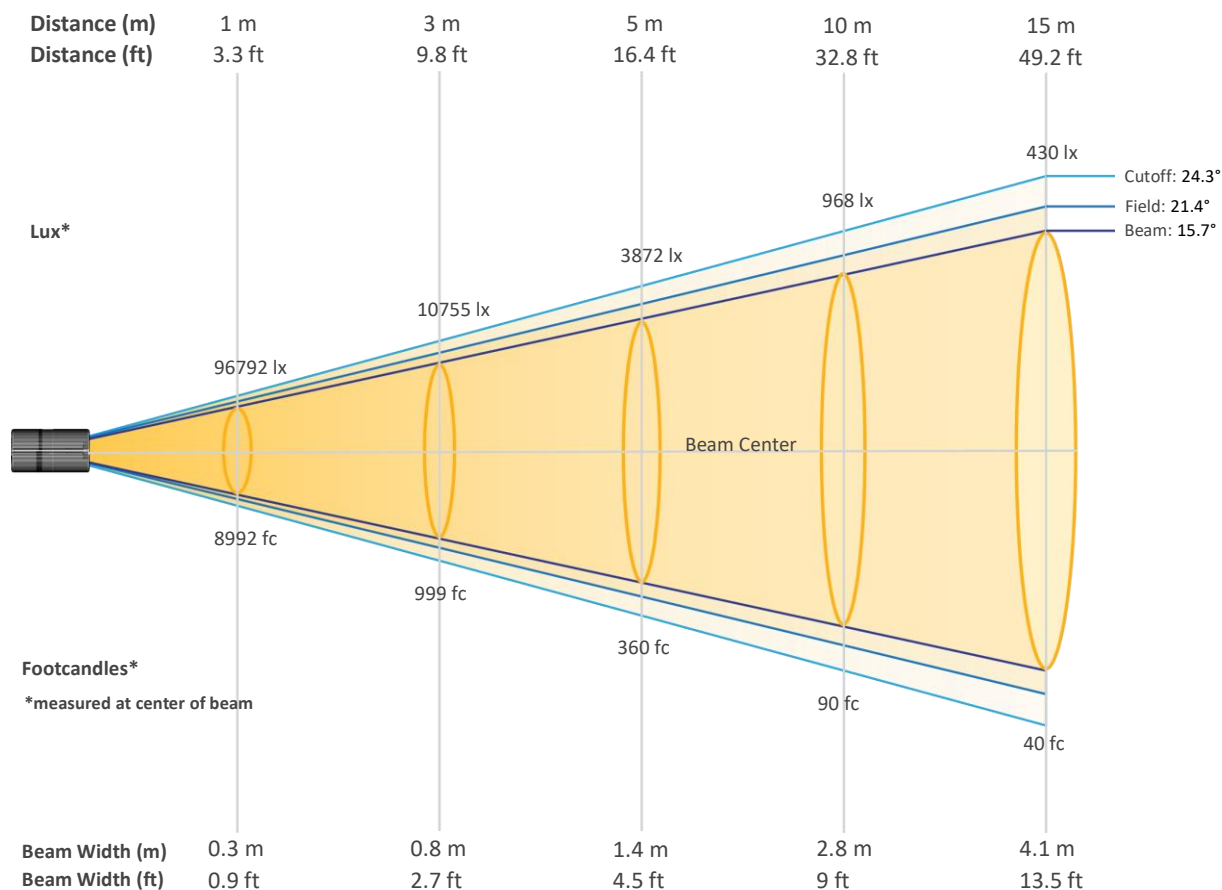
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

Beam Details

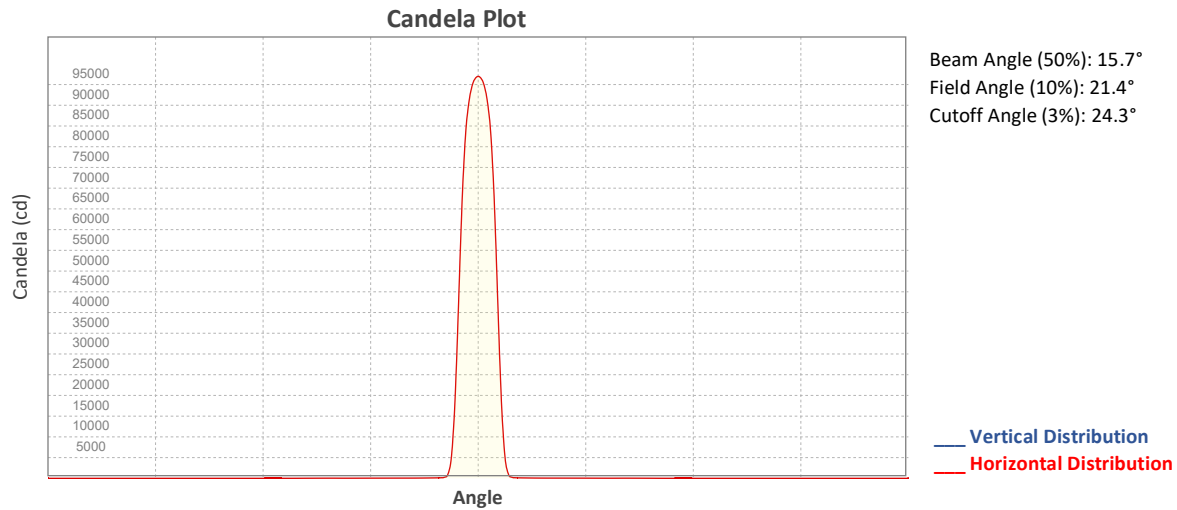


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	96792	24198	10755	6050	3872	2689	1975	1512	1195	968
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	800	672	573	494	430	378	335	299	268	242
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8992	2248	999	562	360	250	184	141	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

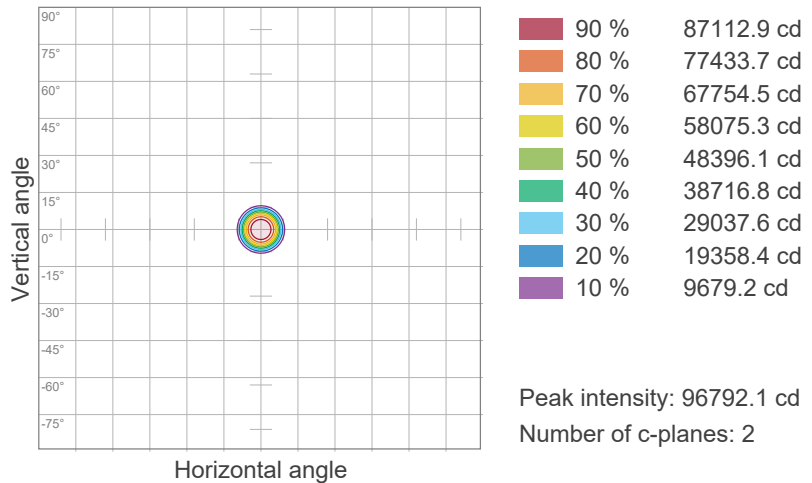
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

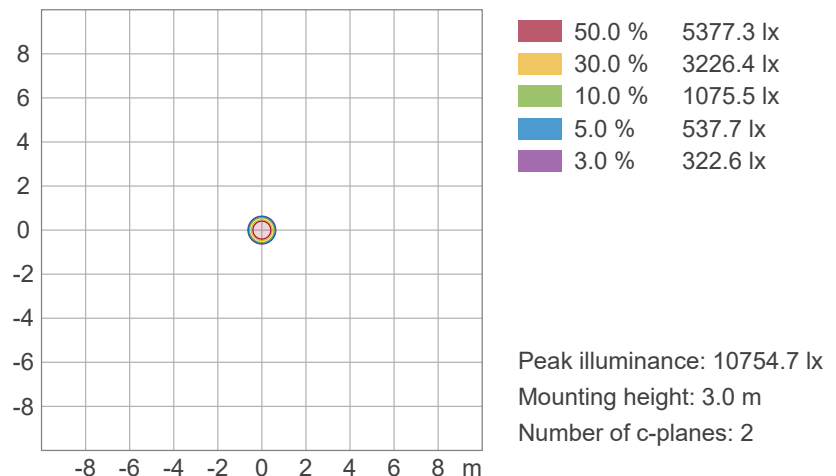


ISO Diagrams

ISO Candela Diagram



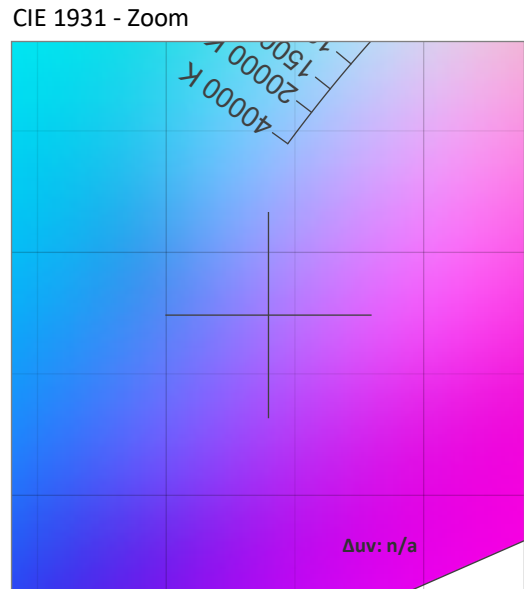
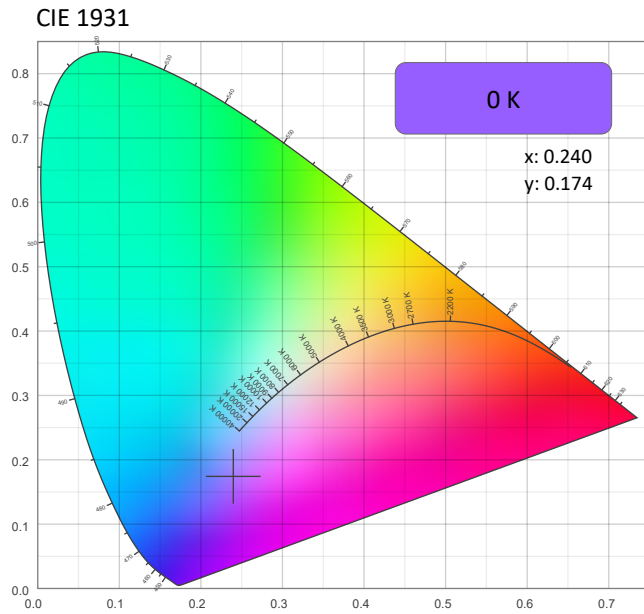
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.240	0.174

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.174	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

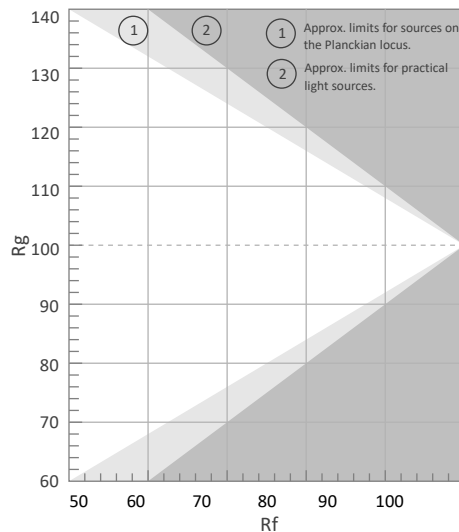
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

TM-30 Details

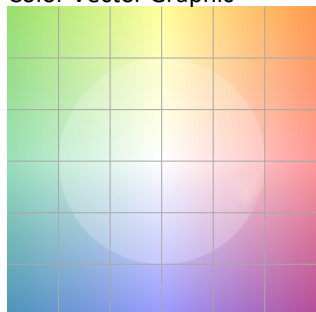
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

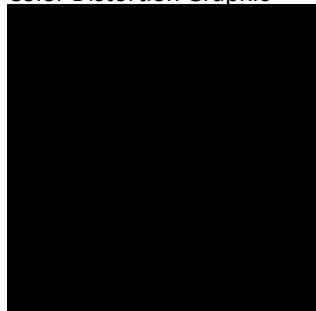
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



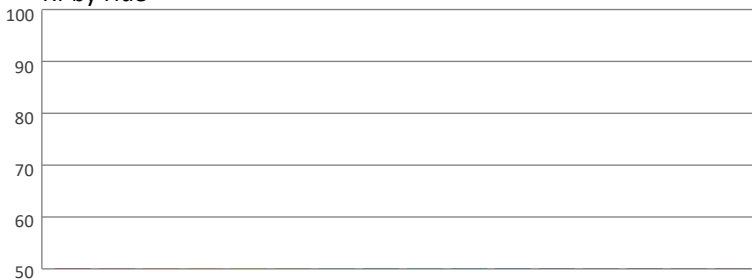
Color Vector Graphic



Color Distortion Graphic



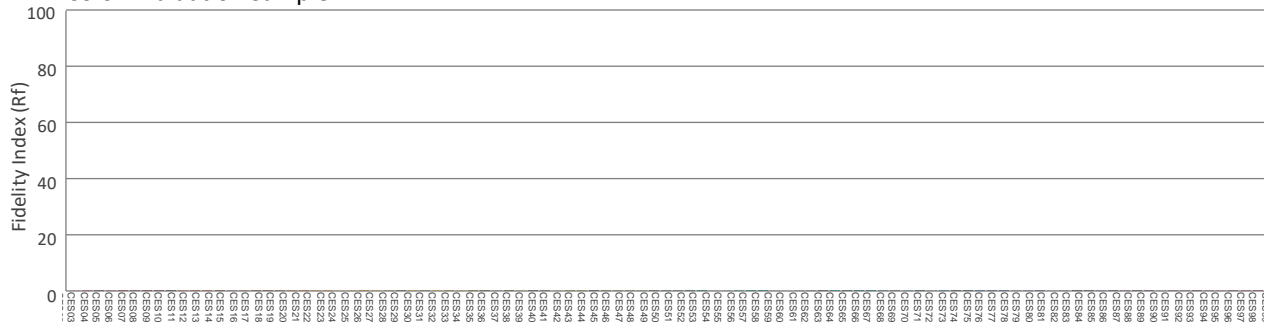
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - Full Power - Cali On

Report Summary

Measurements

Fixture Output: 5285 lm
Fixture Peak: 82633 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3305 lux
Color Temperature: 8285 K
CRI: 75.2 CRI R9 Value: -36.2
CQS: 85.6
TLCI: 64
TM-30 Rf: 80.9
TM-30 Rg: 114.9
Beam Angle (50%): 15.4°
Field Angle (10%): 21.7°
Cutoff Angle (3%): 24.4°

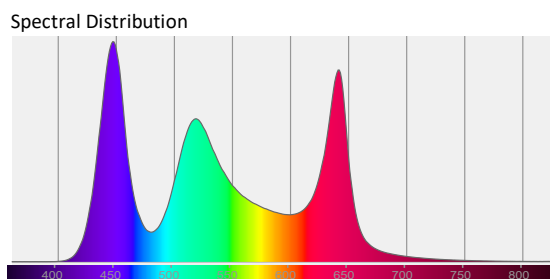
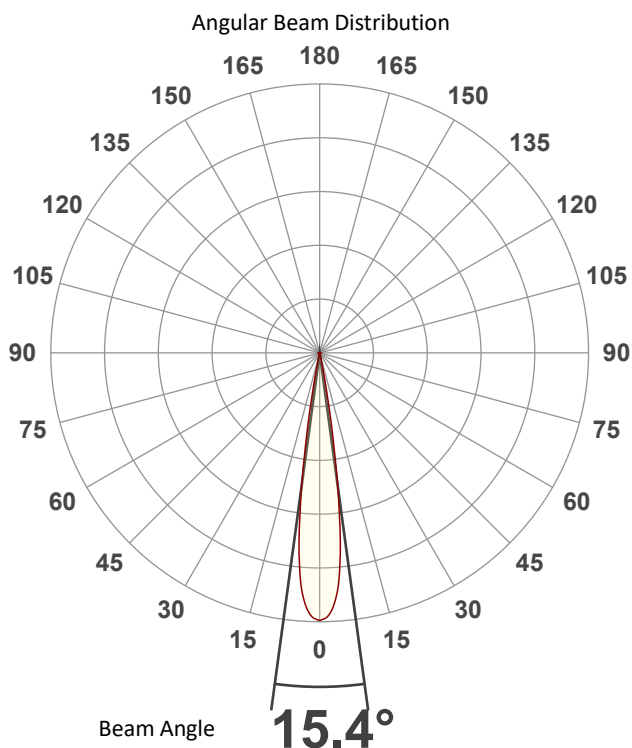


Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

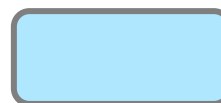
Overall Measurement



Tested Color (CIE 1931):

X: 0.292

Y: 0.303



Light Quality

CRI: 75.2

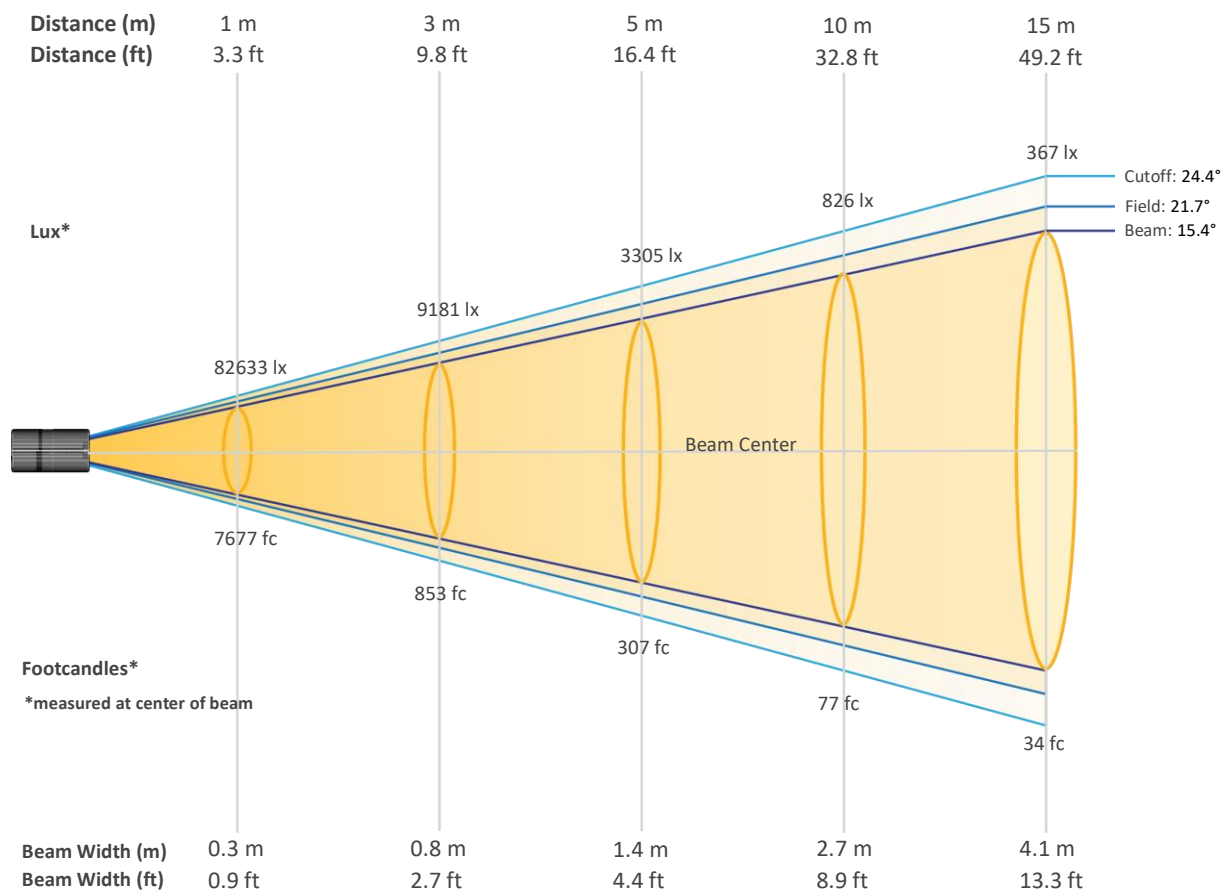
Color Temperature

8285 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

Beam Details

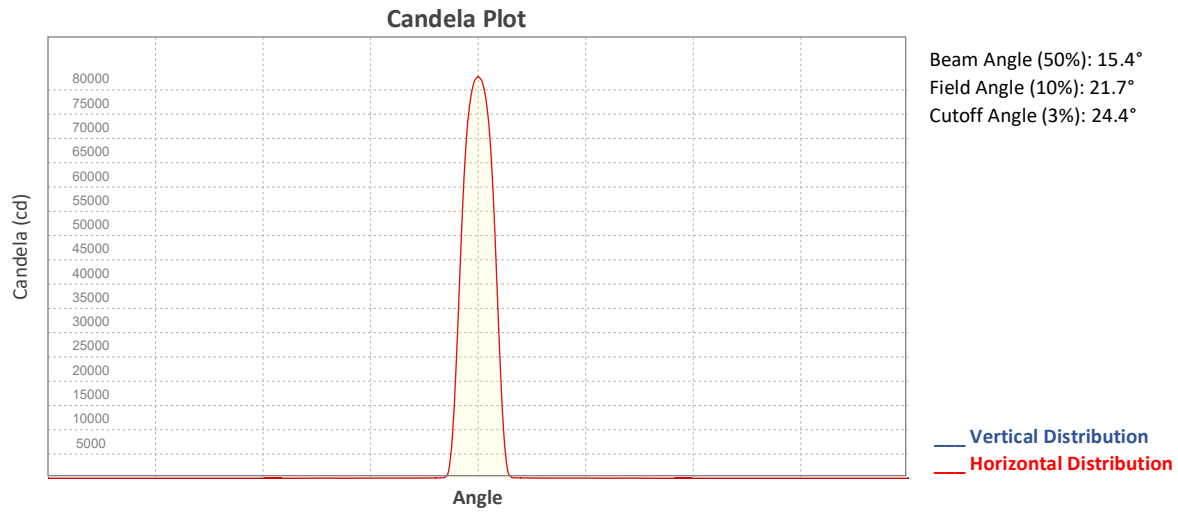


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	82633	20658	9181	5165	3305	2295	1686	1291	1020	826
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	683	574	489	422	367	323	286	255	229	207
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7677	1919	853	480	307	213	157	120	95	77
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	63	53	45	39	34	30	27	24	21	19

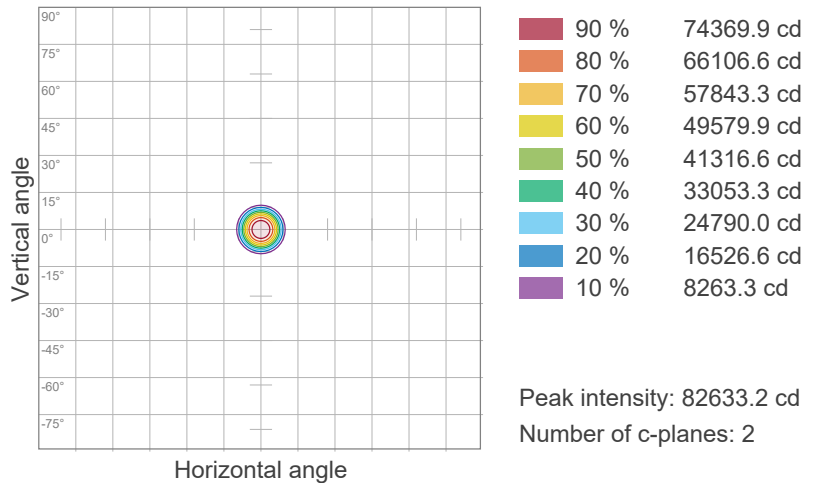
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

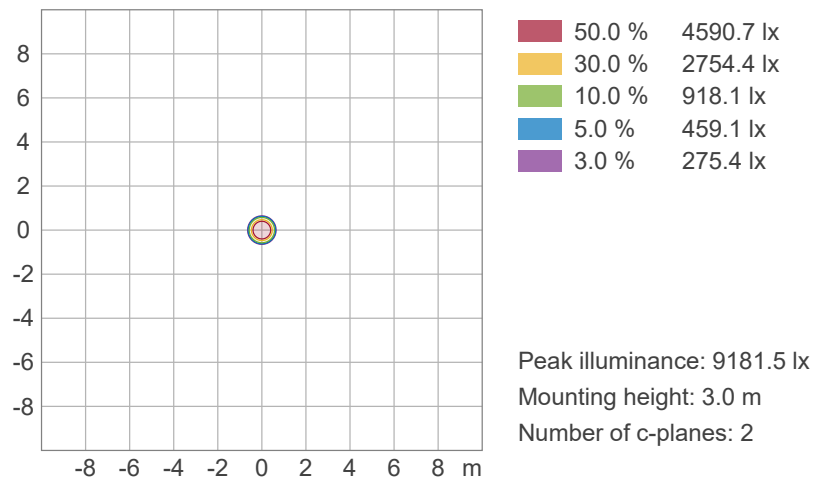


ISO Diagrams

ISO Candela Diagram



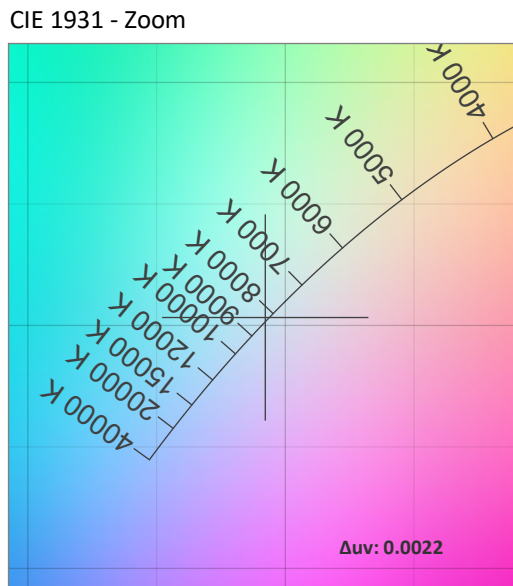
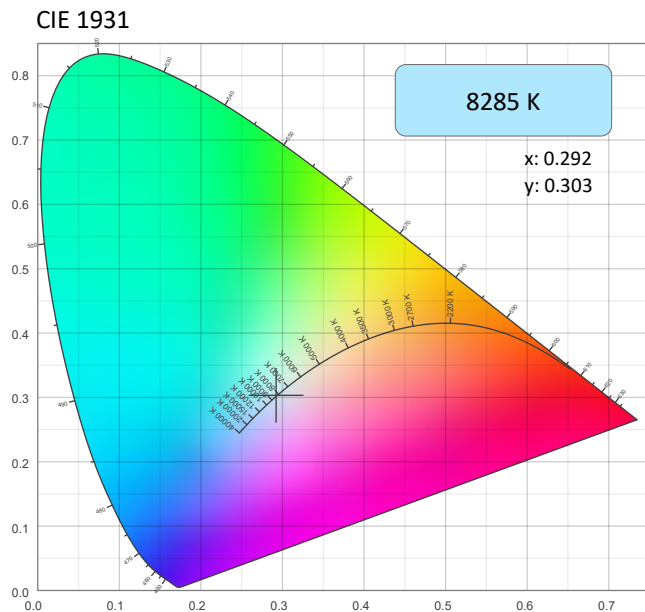
ISO Lux Diagram



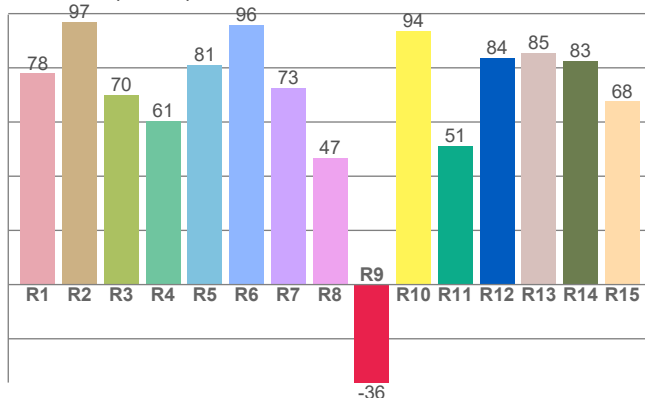
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

Chromaticity



CRI: 75.2 (R1-R8)

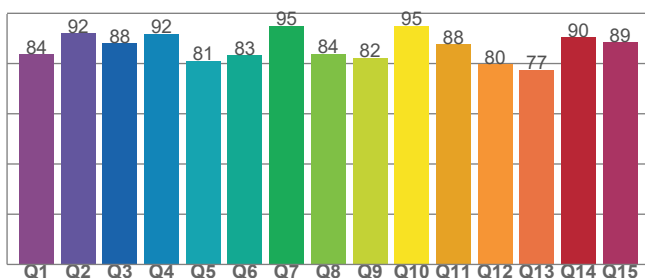


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8285 K	0.292	0.303

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0022	0.303	0.193

CQS: 85.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.2	-36.2	85.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	80.9	114.9

Photometric & Chromaticity Report

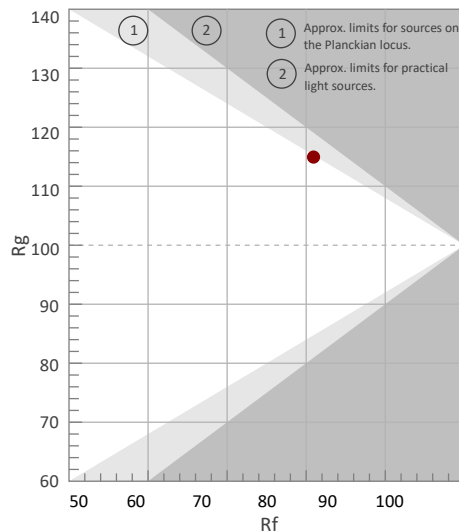
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Full Power

TM-30 Details

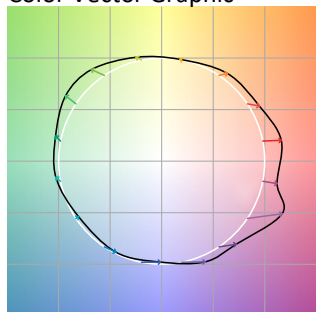
Rf 80.9
Fidelity Index (Rg)

Rg 114.9
Gammut Index (Rg)

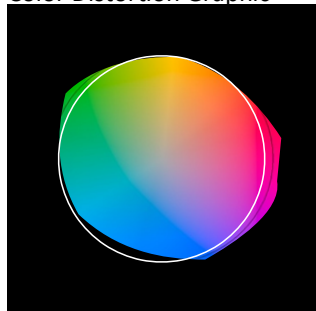
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	67	18%	-3%
2	78	8%	-8%
3	85	6%	-6%
4	94	0%	2%
5	87	4%	5%
6	80	12%	7%
7	80	13%	-1%
8	80	6%	-4%
9	92	4%	-5%
10	92	-3%	0%
11	76	-2%	12%
12	76	-4%	18%
13	73	4%	22%
14	73	7%	15%
15	64	25%	22%
16	73	14%	1%



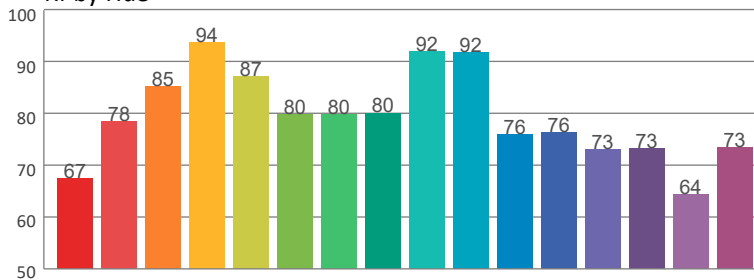
Color Vector Graphic



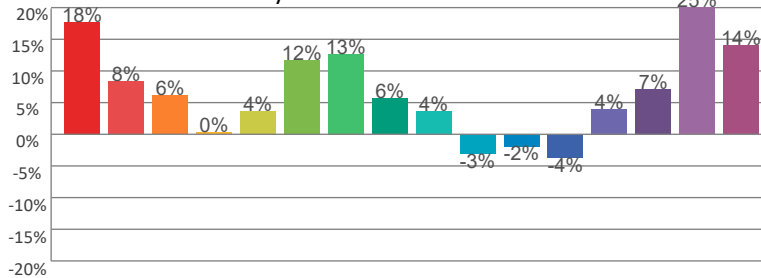
Color Distortion Graphic



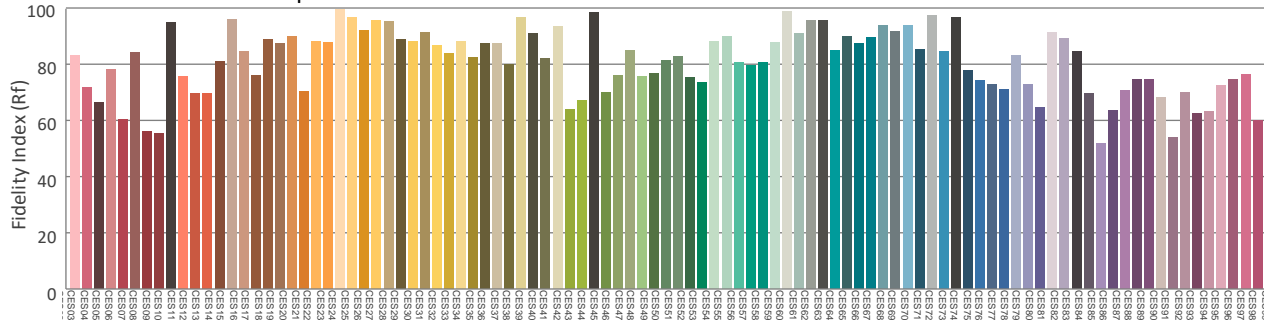
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - Red

Report Summary

Measurements

Fixture Output: 1118 lm
Fixture Peak: 17631 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 705 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.2°
Field Angle (10%): 21.7°
Cutoff Angle (3%): 24.3°

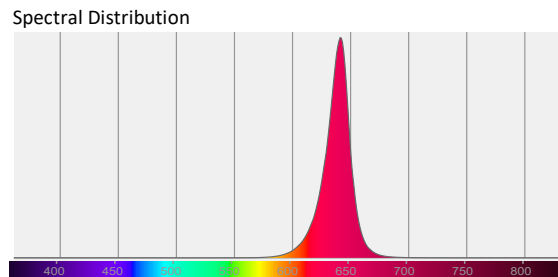
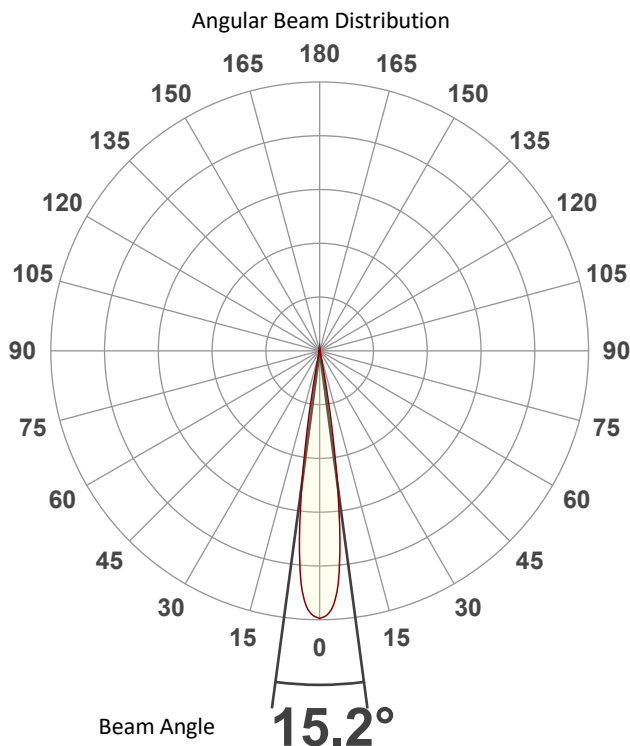


Conditions

AC Supply: 118 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.297



Light Quality

CRI: 0.0

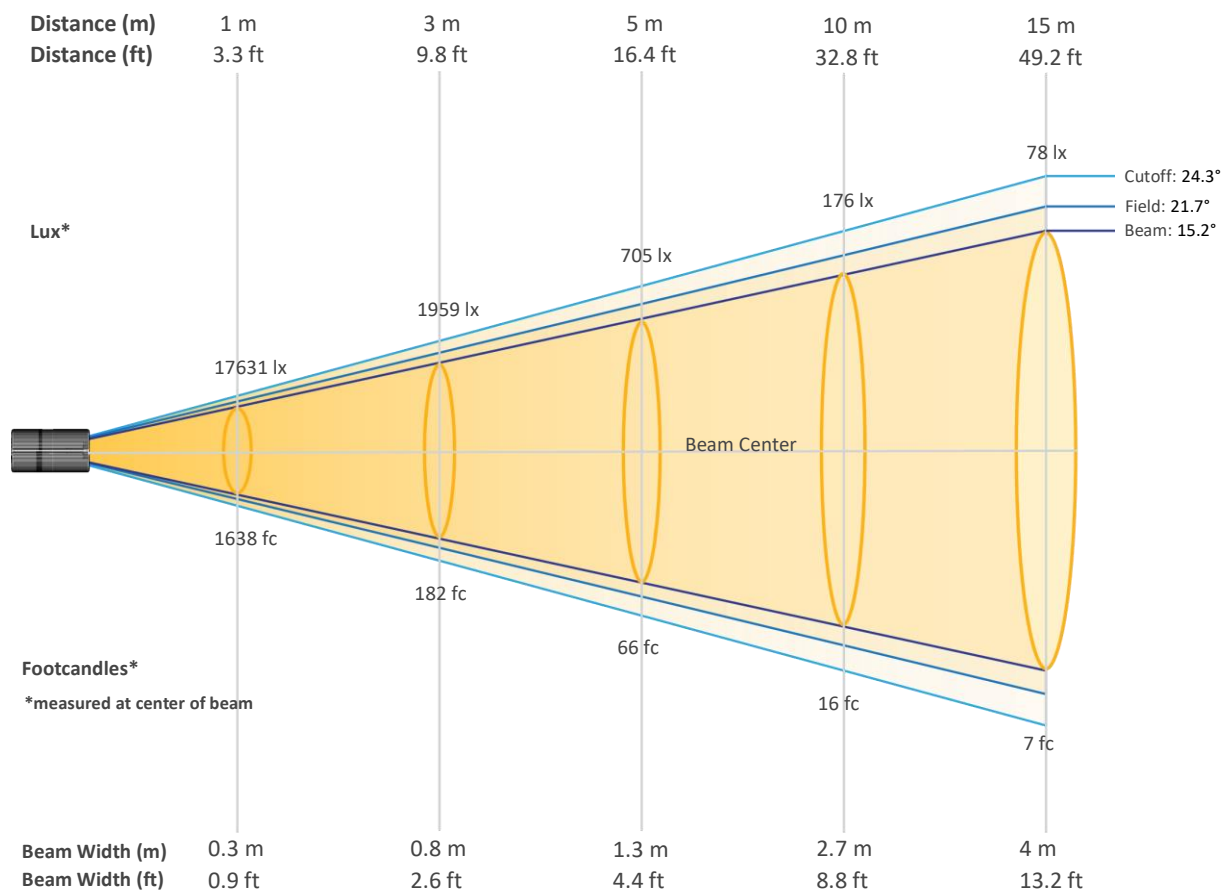
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Red Only

Beam Details

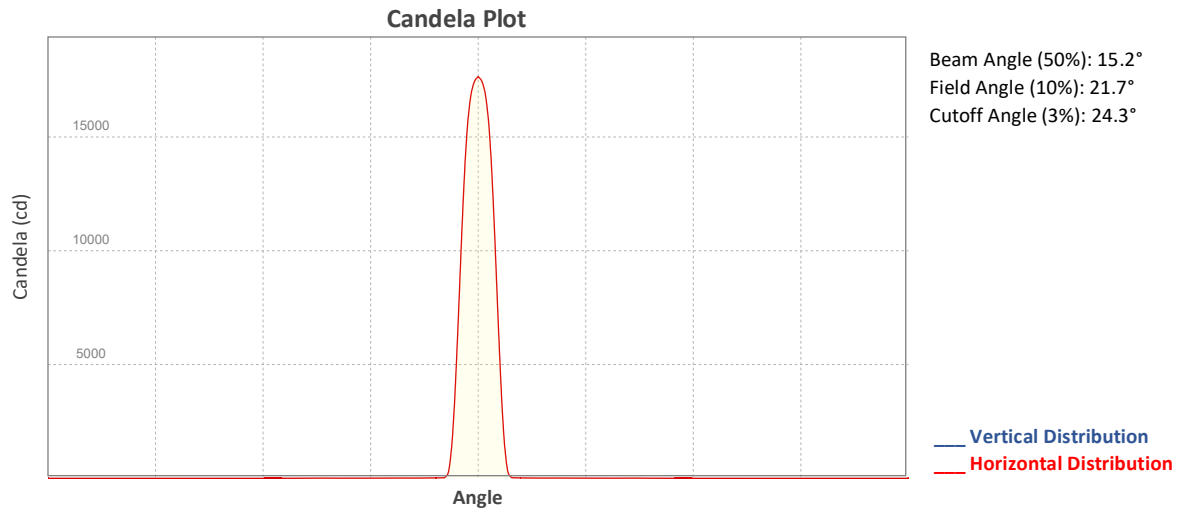


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17631	4408	1959	1102	705	490	360	275	218	176
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	146	122	104	90	78	69	61	54	49	44
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1638	410	182	102	66	46	33	26	20	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	14	11	10	8	7	6	6	5	5	4

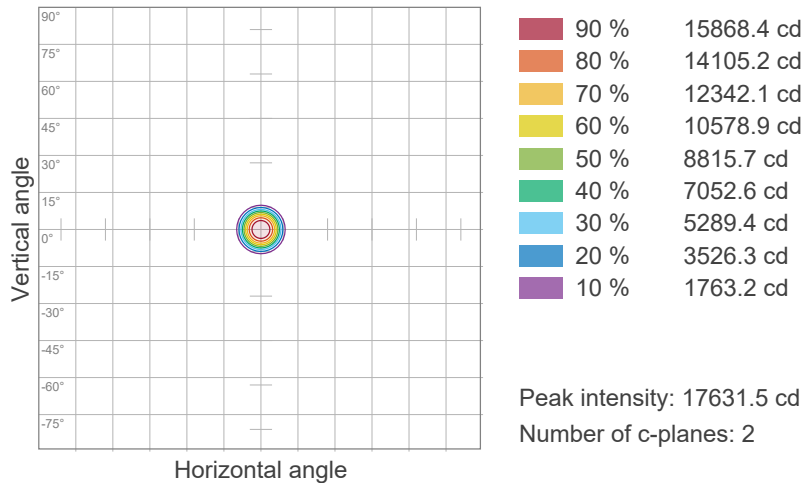
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Red Only

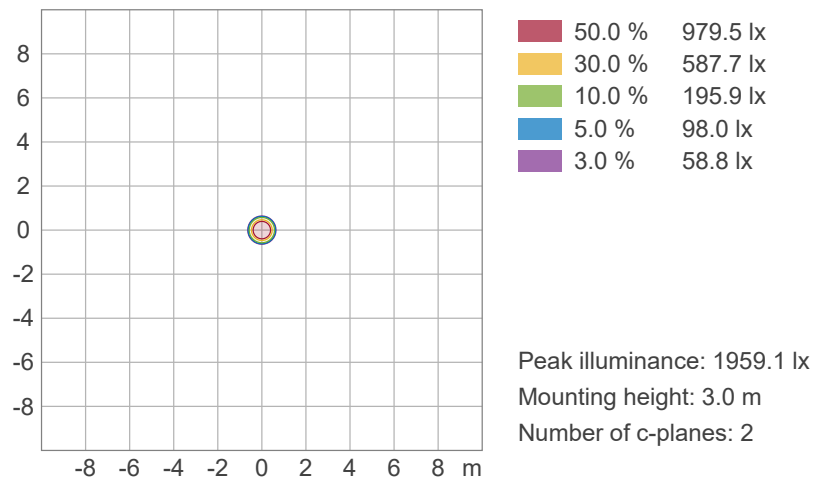


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

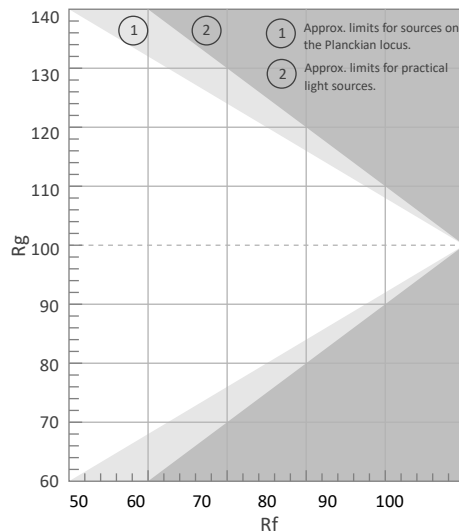
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Red Only

TM-30 Details

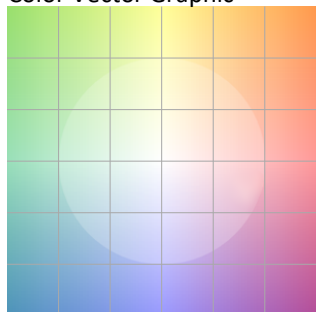
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

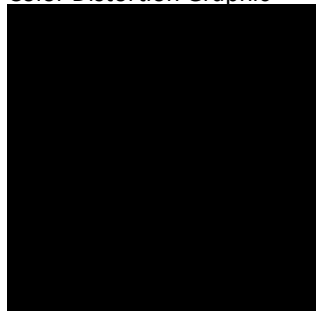
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



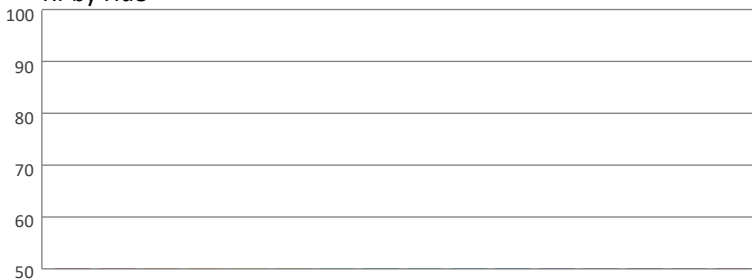
Color Vector Graphic



Color Distortion Graphic



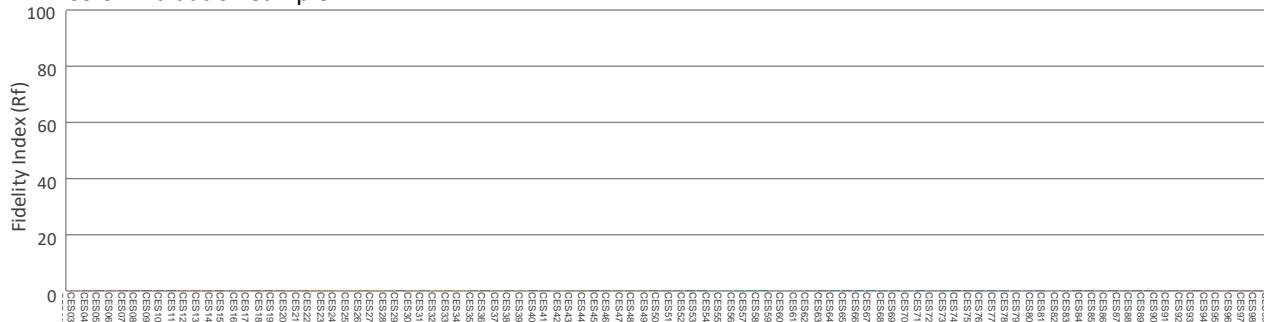
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - Green

Report Summary

Measurements

Fixture Output: 1888 lm
Fixture Peak: 32314 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1293 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 14.7°
Field Angle (10%): 20.6°
Cutoff Angle (3%): 23.8°

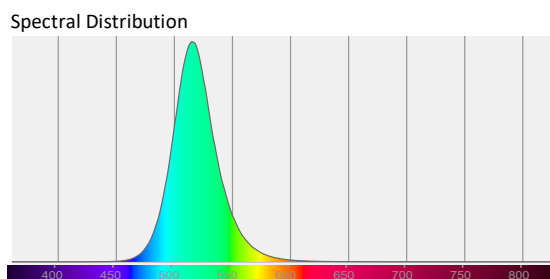
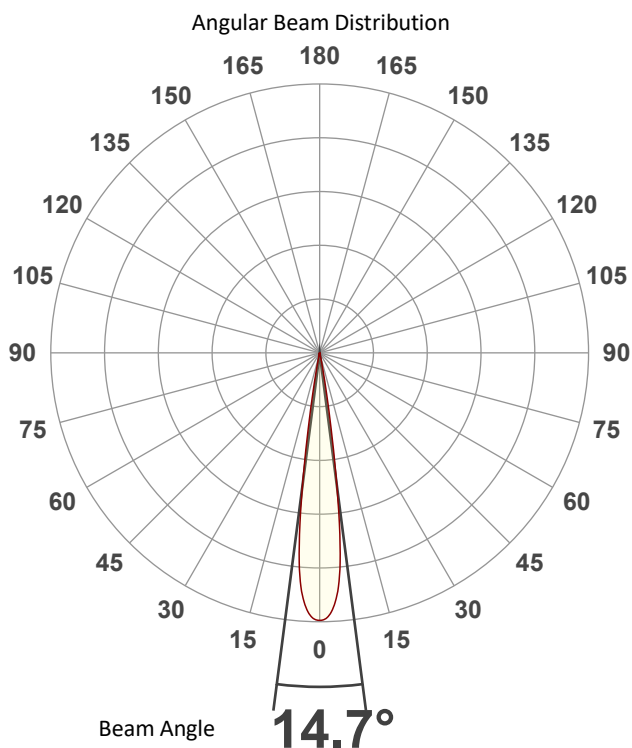


Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.143

Y: 0.682



Light Quality

CRI: 0.0

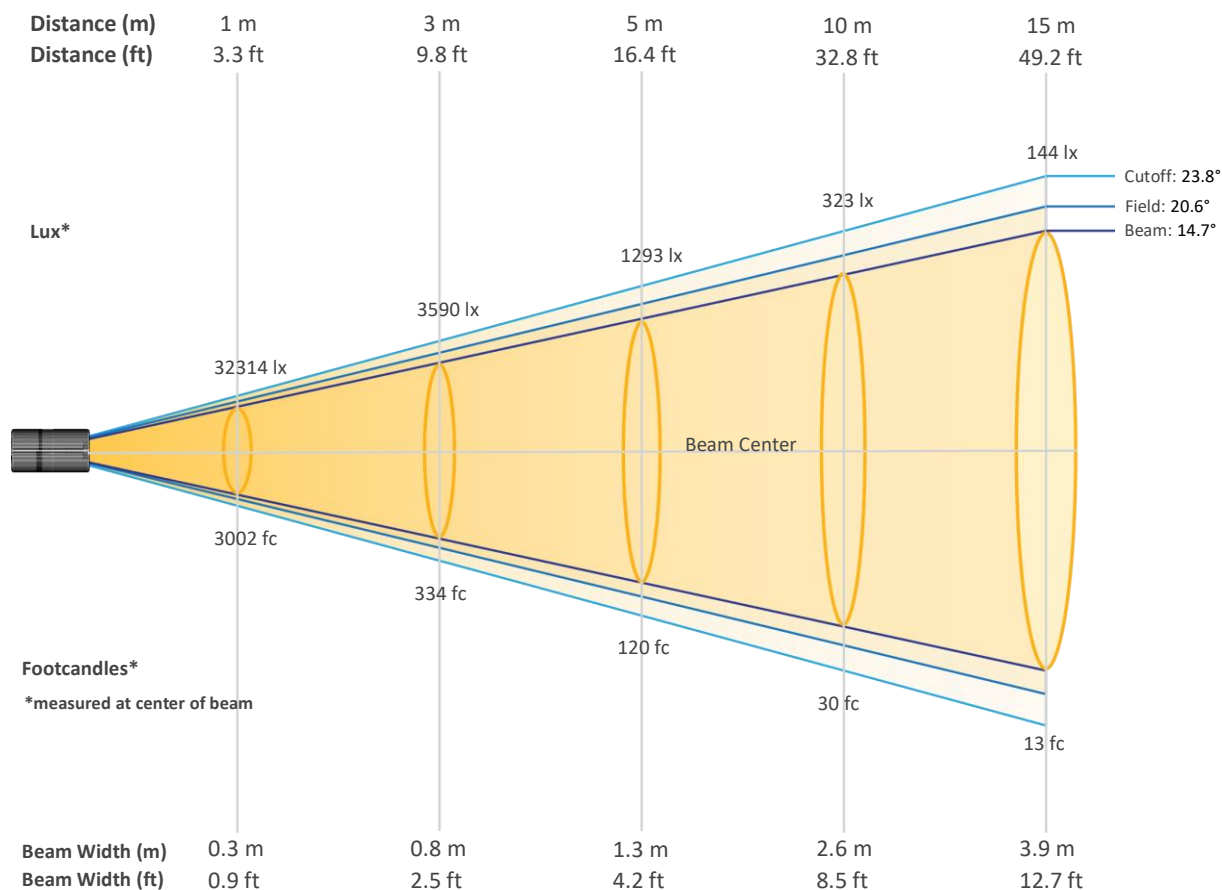
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Green Only

Beam Details

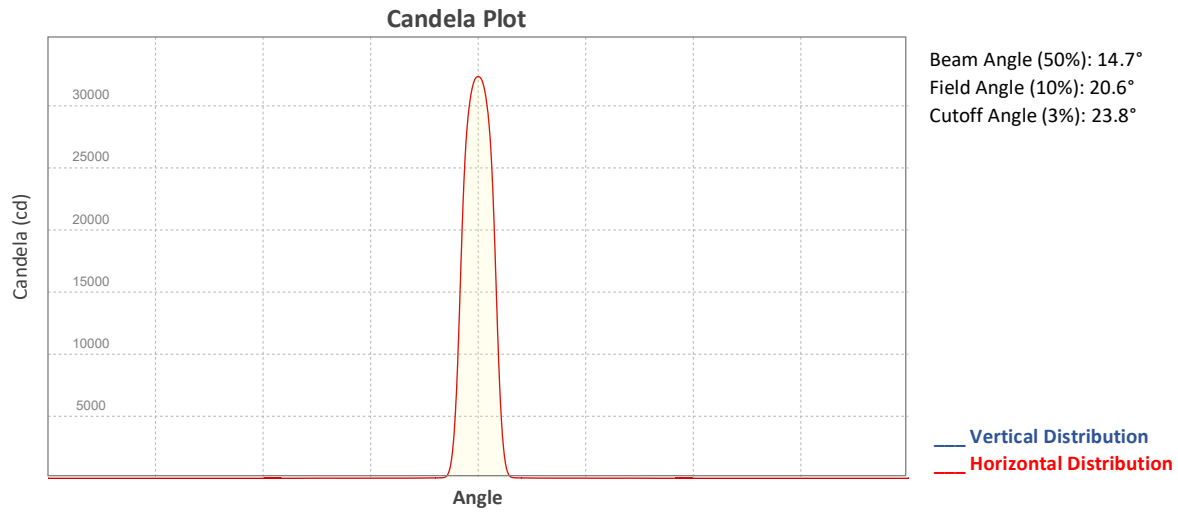


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	32314	8079	3590	2020	1293	898	659	505	399	323
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	267	224	191	165	144	126	112	100	90	81
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3002	751	334	188	120	83	61	47	37	30
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	25	21	18	15	13	12	10	9	8	8

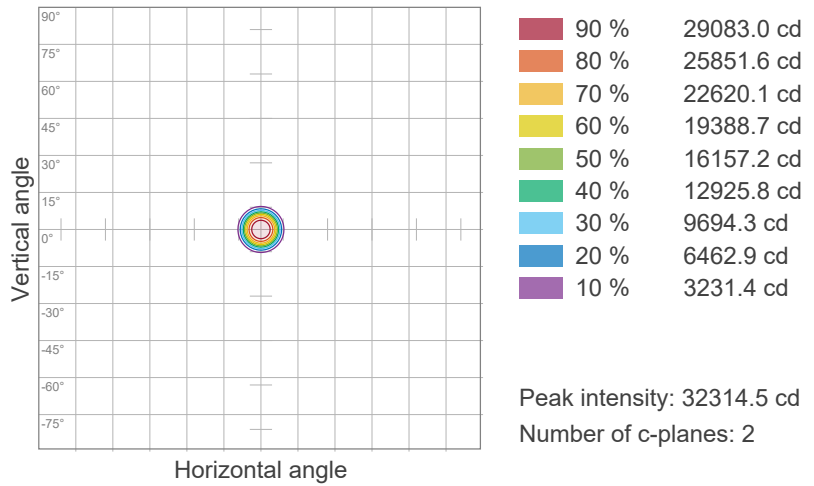
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Green Only

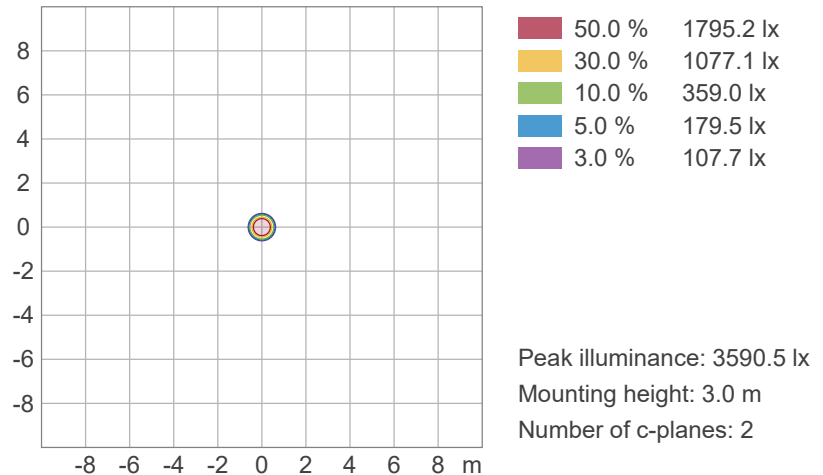


ISO Diagrams

ISO Candela Diagram



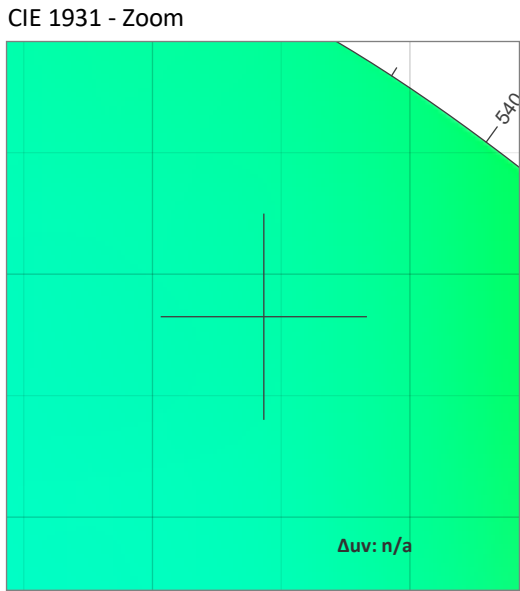
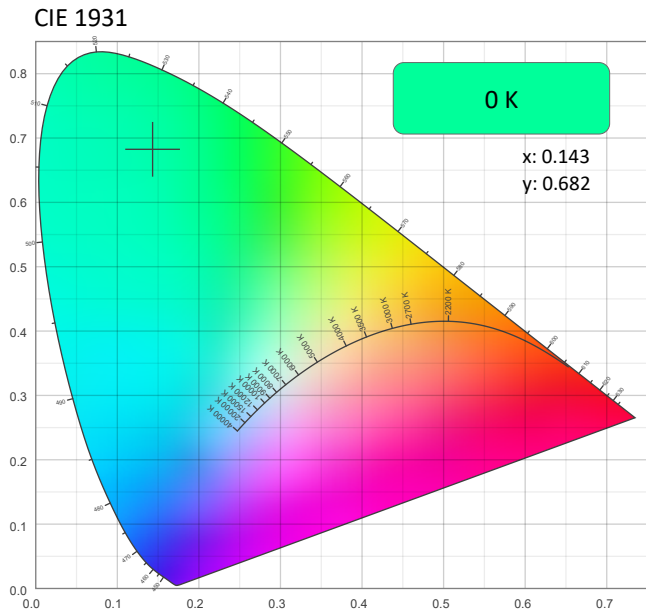
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.143	0.682

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.682	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

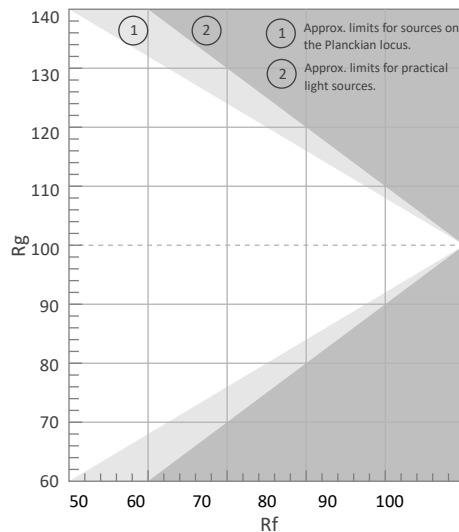
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Green Only

TM-30 Details

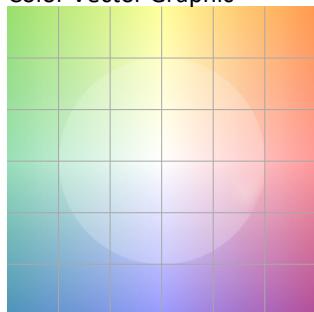
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

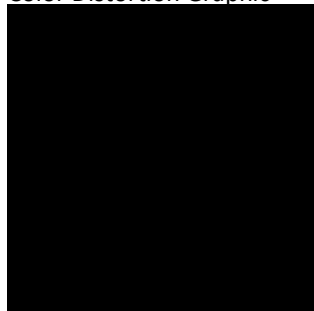
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



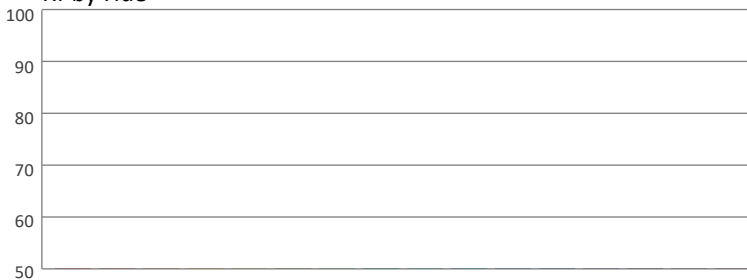
Color Vector Graphic



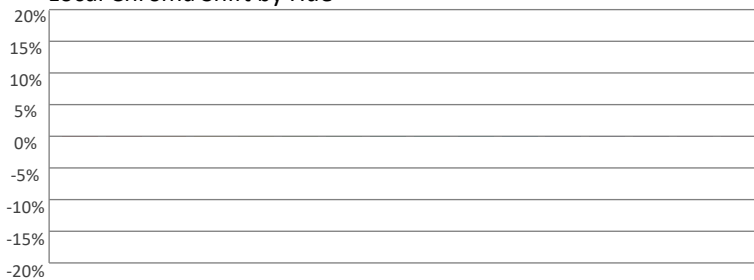
Color Distortion Graphic



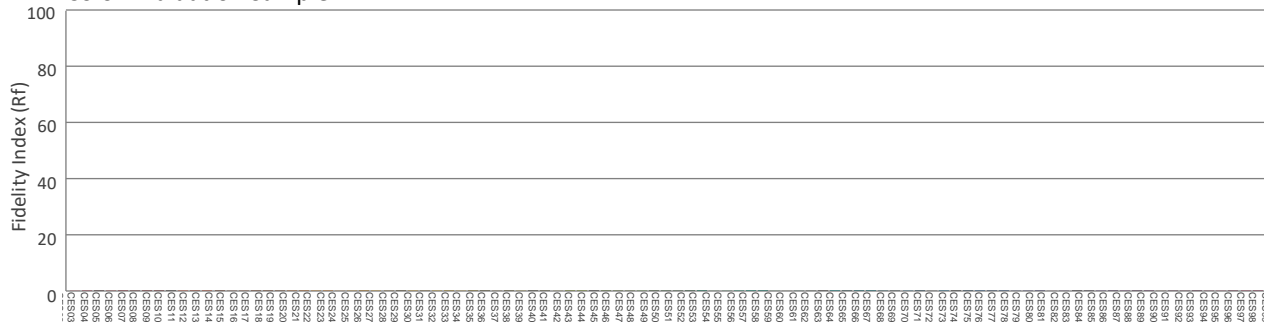
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - Blue

Report Summary

Measurements

Fixture Output: 596 lm
Fixture Peak: 9849 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 394 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 14.5°
Field Angle (10%): 20.3°
Cutoff Angle (3%): 23.4°

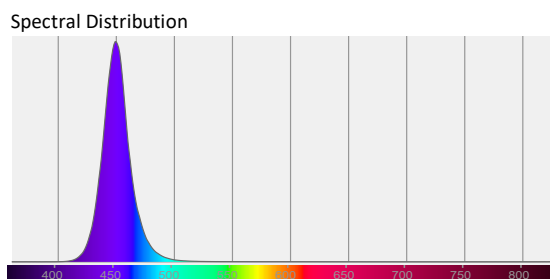
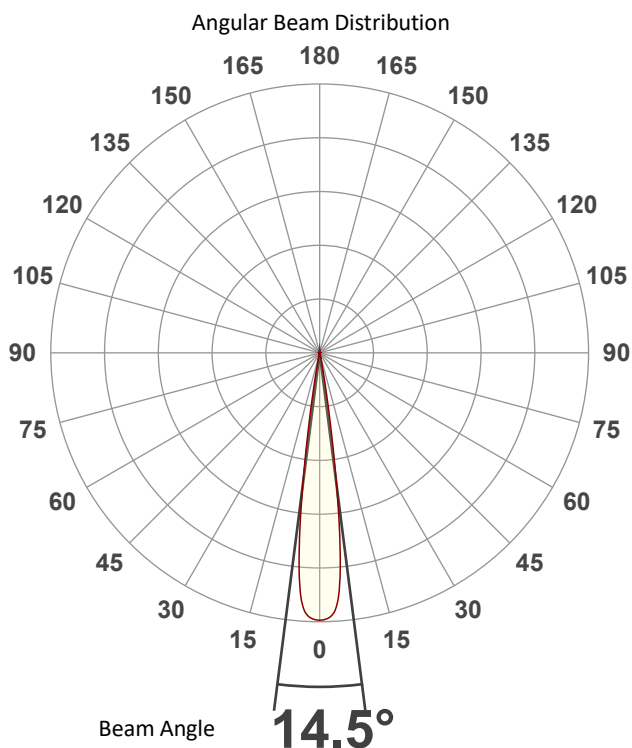


Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.025



Light Quality

CRI: 0.0

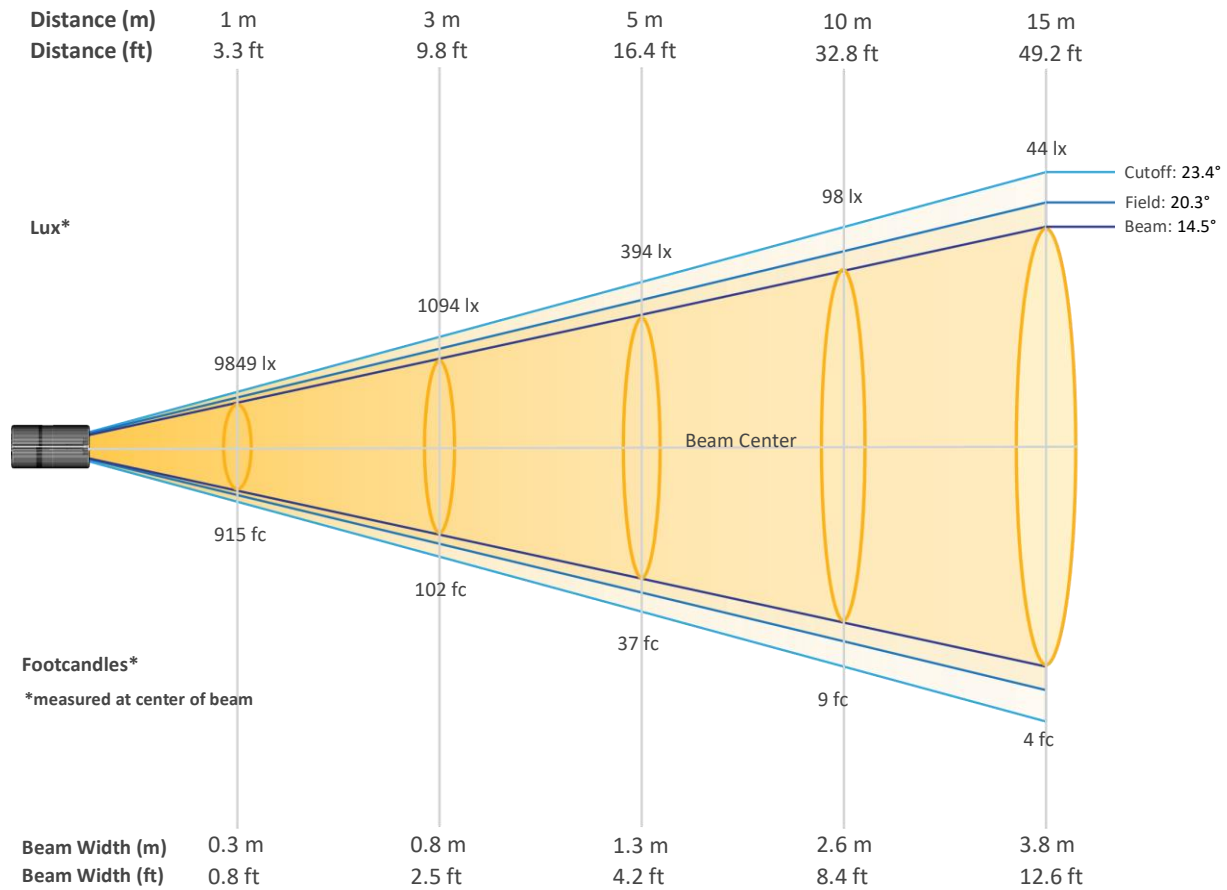
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Blue Only

Beam Details

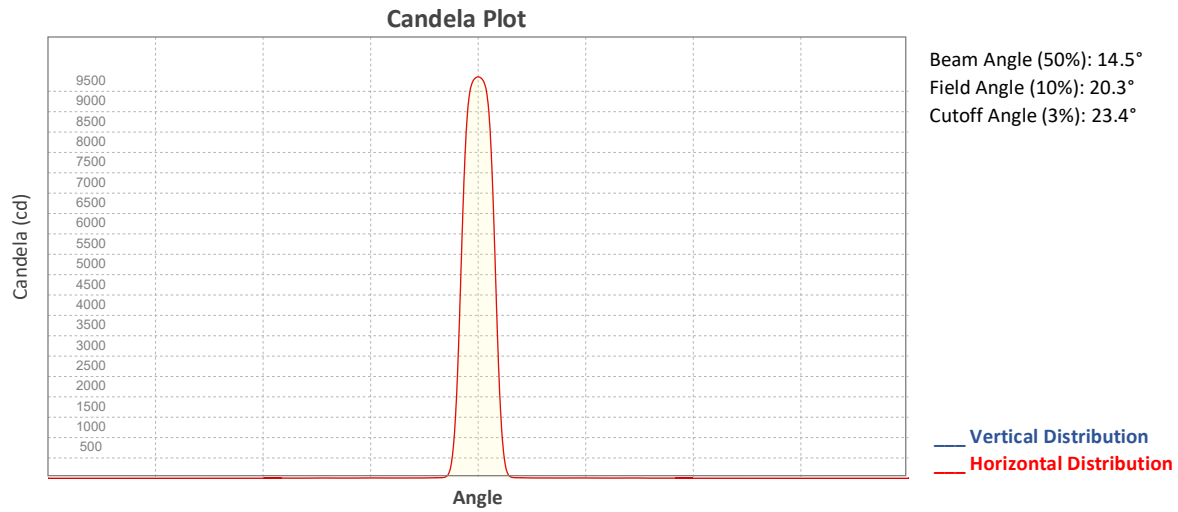


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9849	2462	1094	616	394	274	201	154	122	98
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	81	68	58	50	44	38	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	915	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

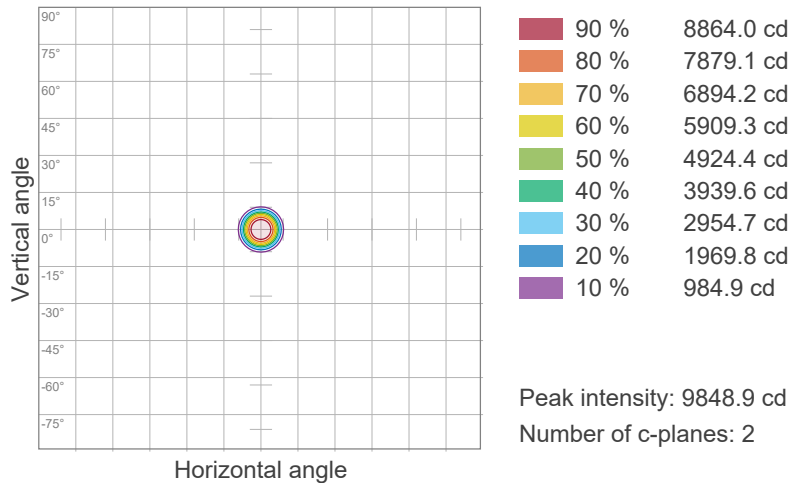
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Blue Only

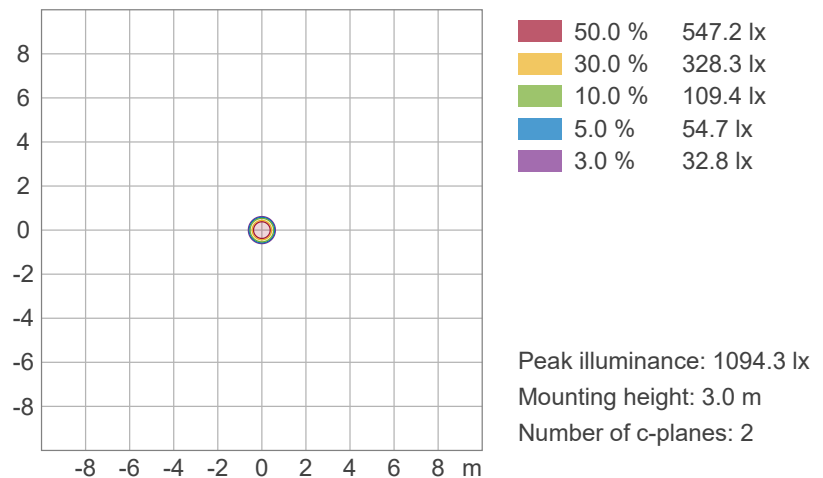


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

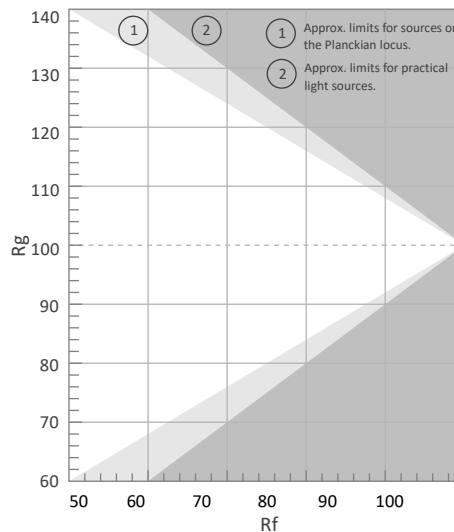
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - Blue Only

TM-30 Details

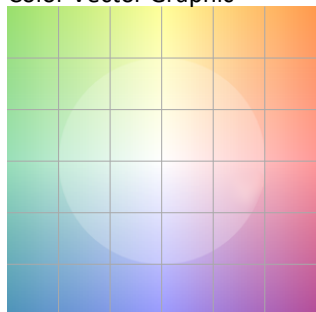
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

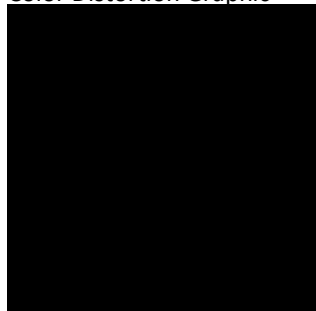
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



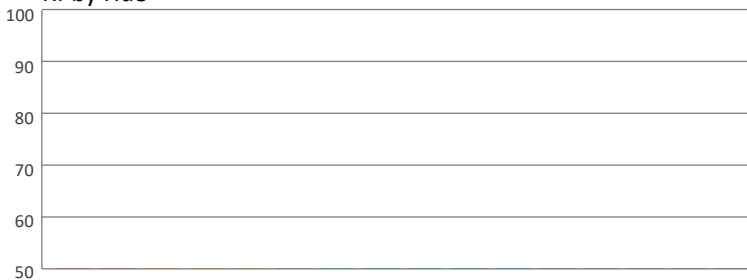
Color Vector Graphic



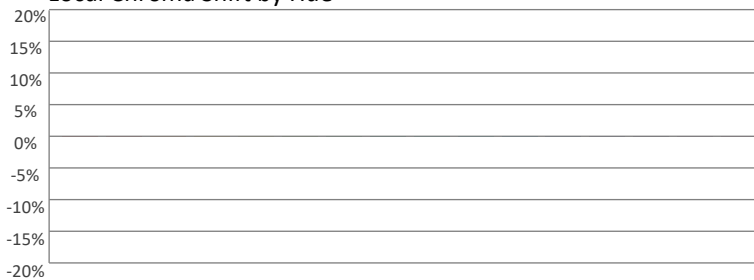
Color Distortion Graphic



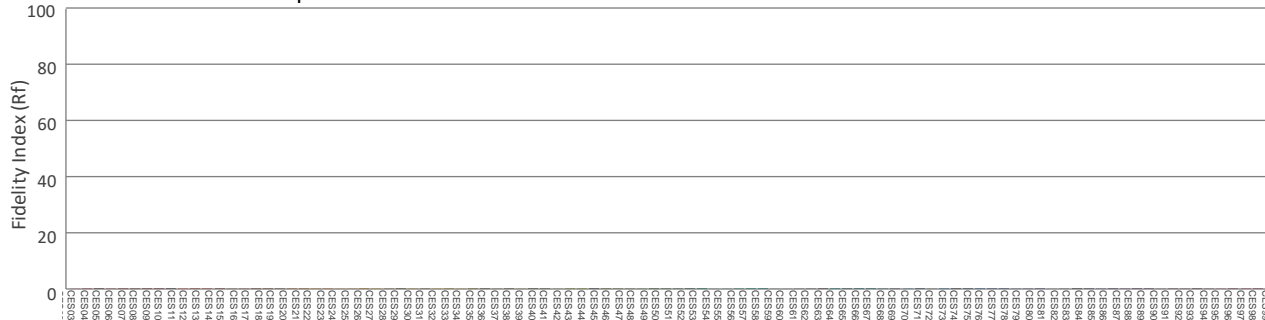
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Inner Zoom Zone - White

Report Summary

Measurements

Fixture Output: 2904 lm
Fixture Peak: 44992 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1800 lux
Color Temperature: 7846 K
CRI: 71.6 CRI R9 Value: 1.4
CQS: 66.2
TLCI: 44
TM-30 Rf: 66.8
TM-30 Rg: 97.1
Beam Angle (50%): 15.6°
Field Angle (10%): 21.8°
Cutoff Angle (3%): 24.3°

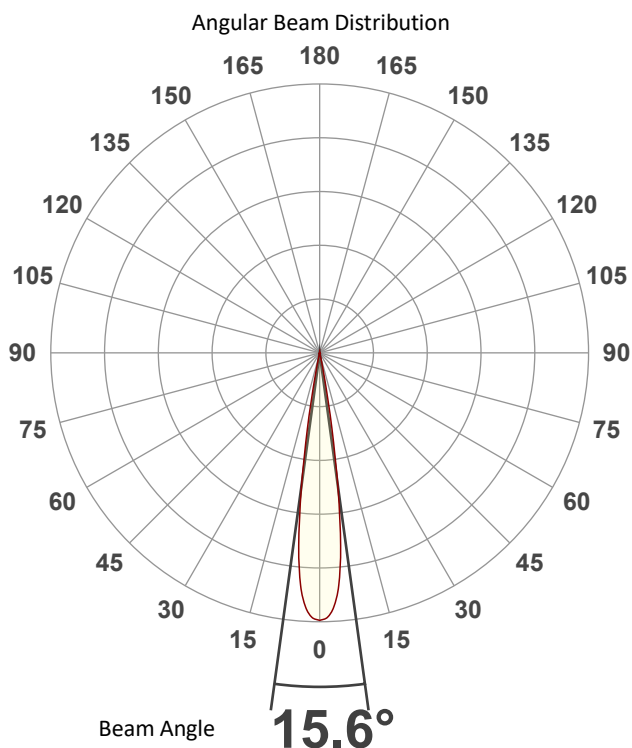


Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

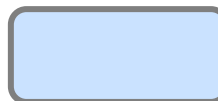
Overall Measurement



Tested Color (CIE 1931):

X: 0.301

Y: 0.294



Light Quality

CRI: 71.6

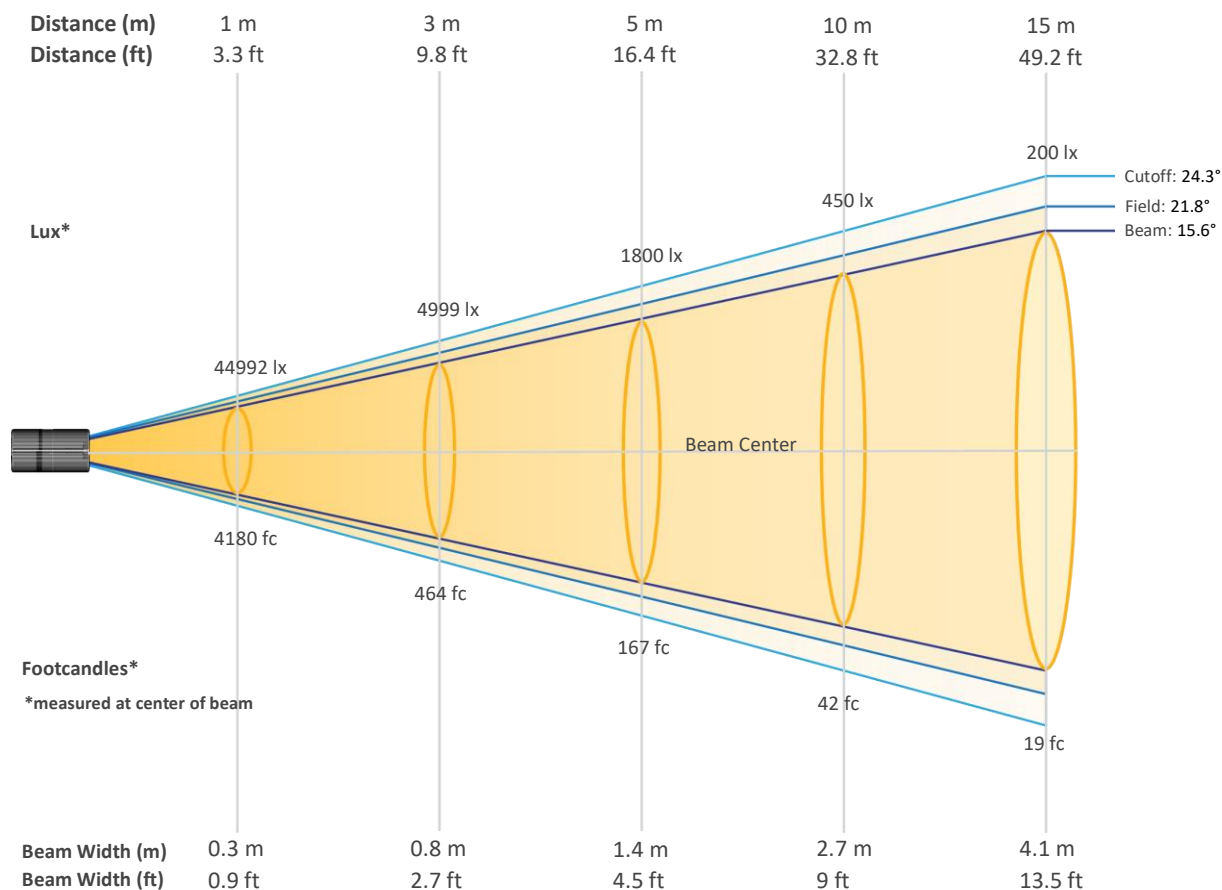
Color Temperature

7846 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - White Only

Beam Details

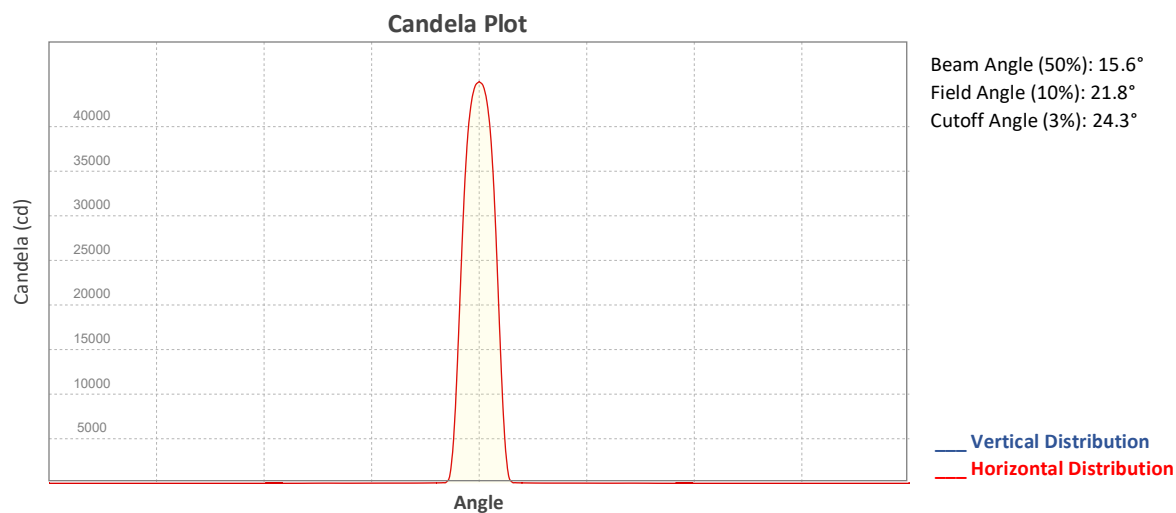


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	44992	11248	4999	2812	1800	1250	918	703	555	450
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	372	312	266	230	200	176	156	139	125	112
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4180	1045	464	261	167	116	85	65	52	42
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	35	29	25	21	19	16	14	13	12	10

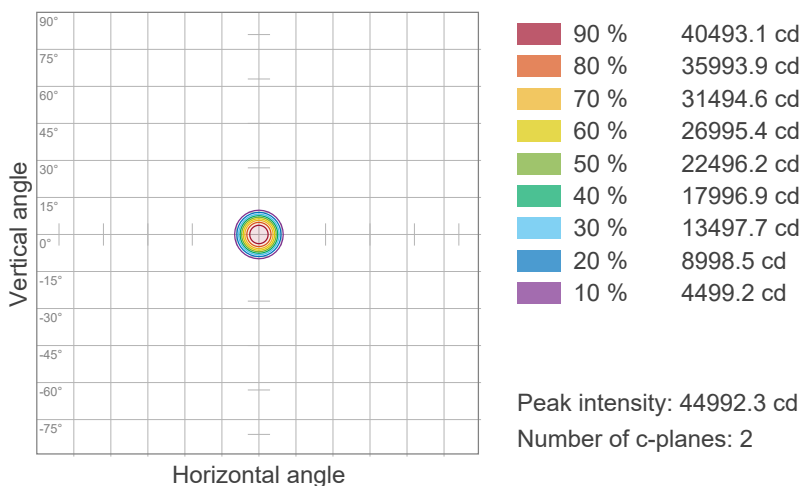
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - White Only

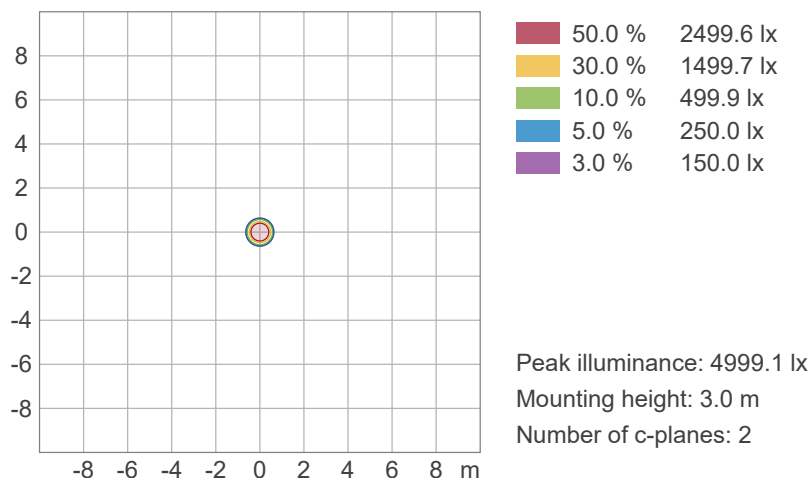


ISO Diagrams

ISO Candela Diagram



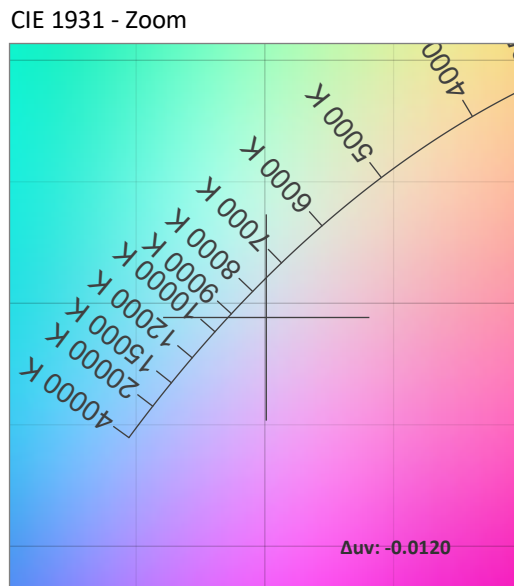
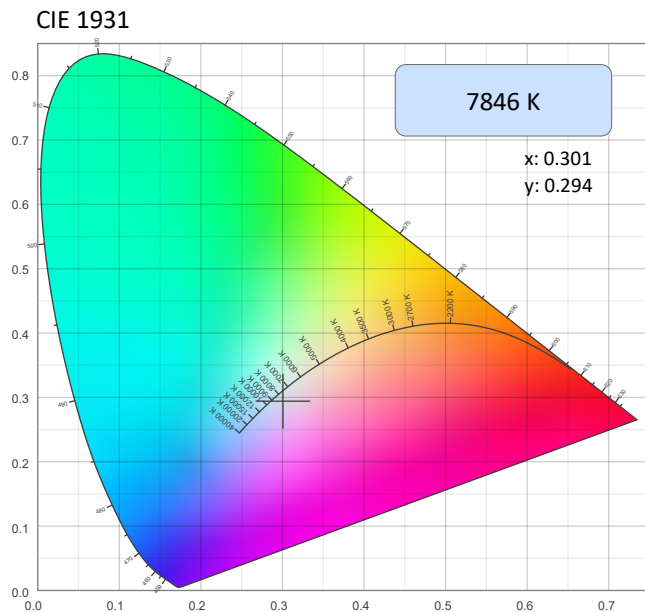
ISO Lux Diagram



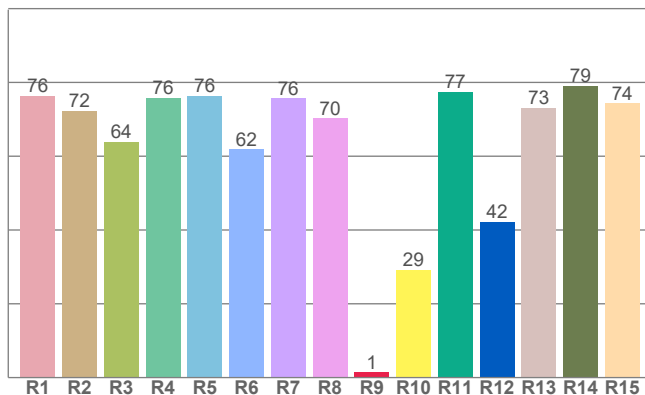
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - White Only

Chromaticity



CRI: 71.6 (R1-R8)

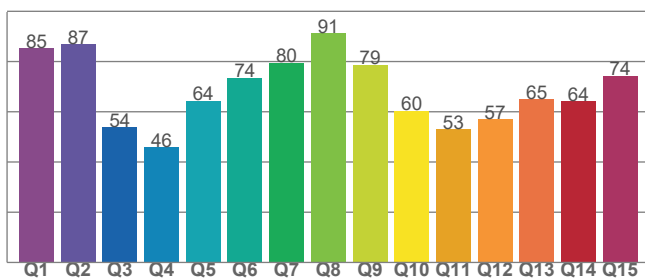


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7846 K	0.301	0.294

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0120	0.294	0.203

CQS: 66.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	1.4	66.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.8	97.1

Photometric & Chromaticity Report

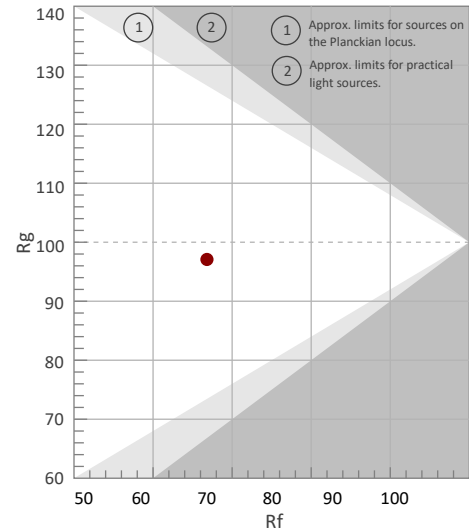
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Inner Zoom Zone - White Only

TM-30 Details

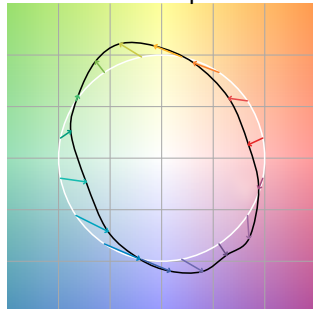
Rf 66.8
Fidelity Index
(Rg)

Rg 97.1
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	54	5%	28%
5	63	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-9%
9	75	-24%	8%
10	57	-17%	30%
11	27	-7%	37%
12	60	6%	29%
13	71	15%	17%
14	77	13%	0%
15	74	14%	-18%
16	81	-2%	-11%



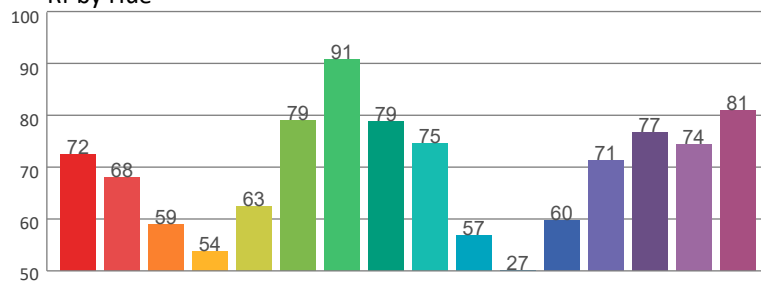
Color Vector Graphic



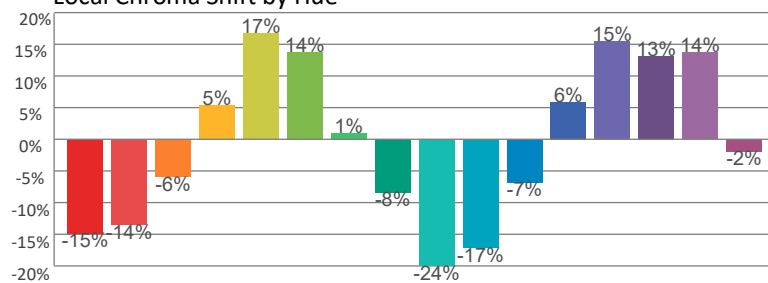
Color Distortion Graphic



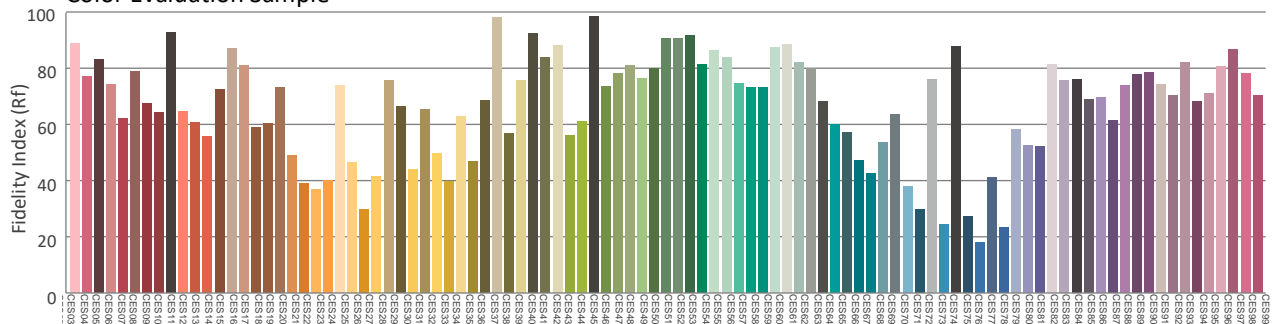
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - Full

Report Summary

Measurements

Fixture Output: 7552 lm
Fixture Peak: 105475 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4218 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.3°
Field Angle (10%): 23°
Cutoff Angle (3%): 26.2°

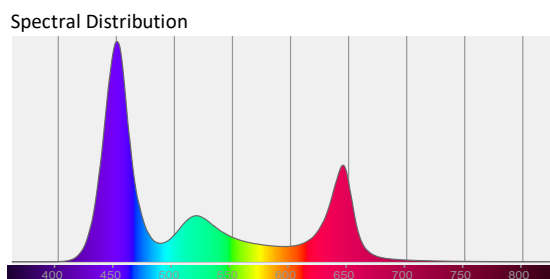
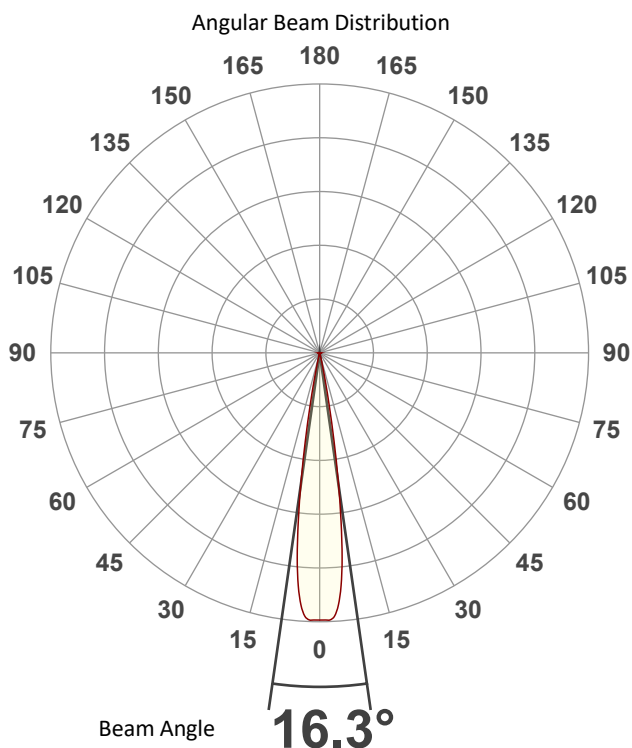


Conditions

AC Supply: 111 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.238

Y: 0.173



Light Quality

CRI: 0.0

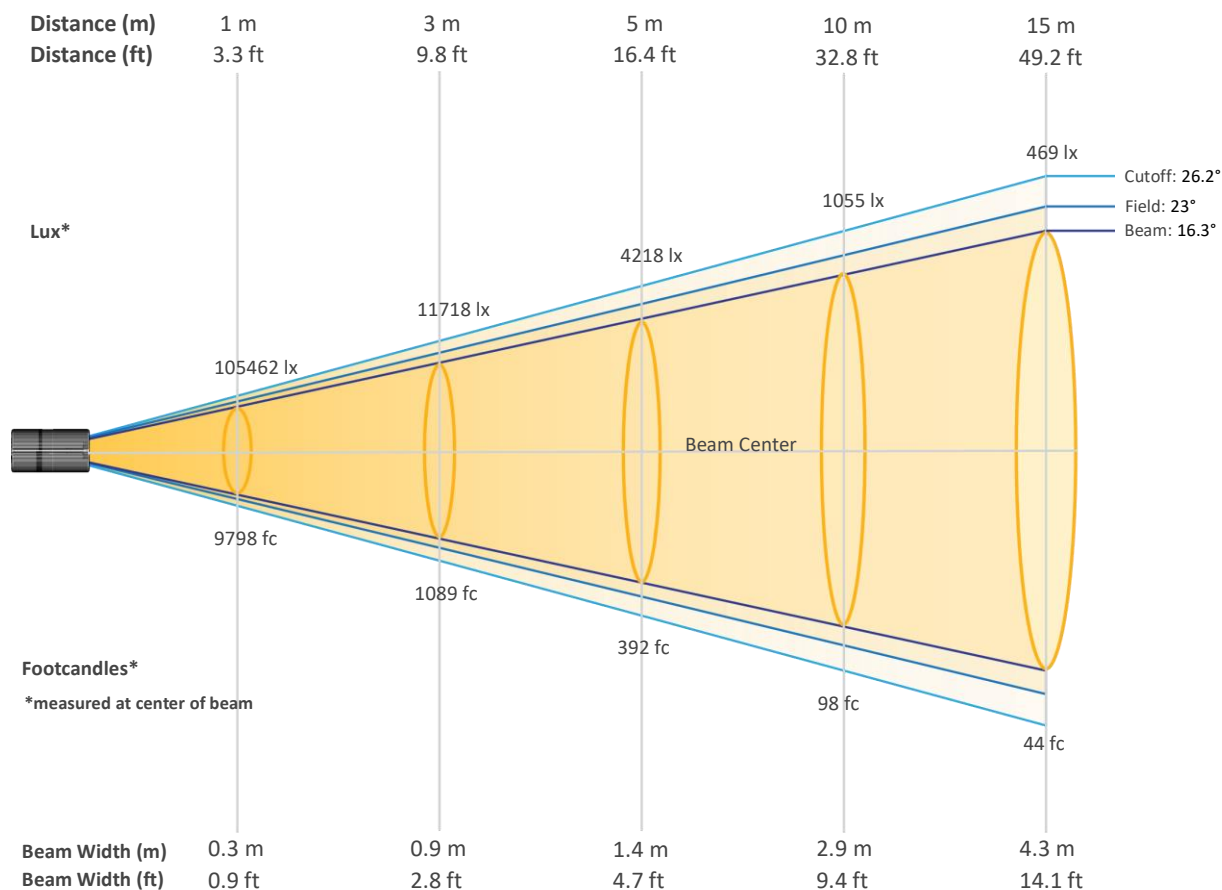
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

Beam Details

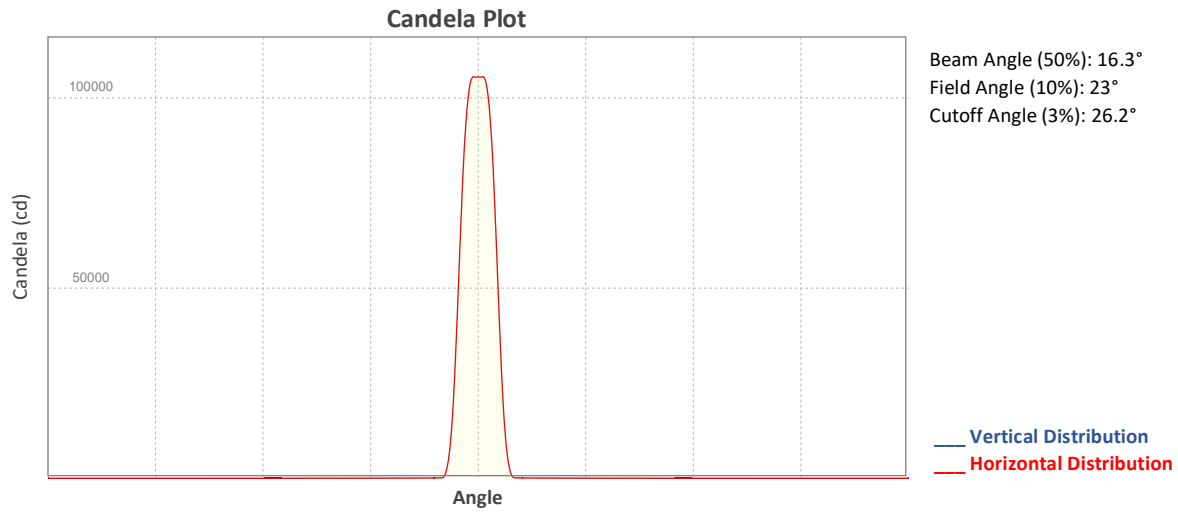


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	105462	26366	11718	6591	4218	2930	2152	1648	1302	1055
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	872	732	624	538	469	412	365	326	292	264
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9798	2449	1089	612	392	272	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	24

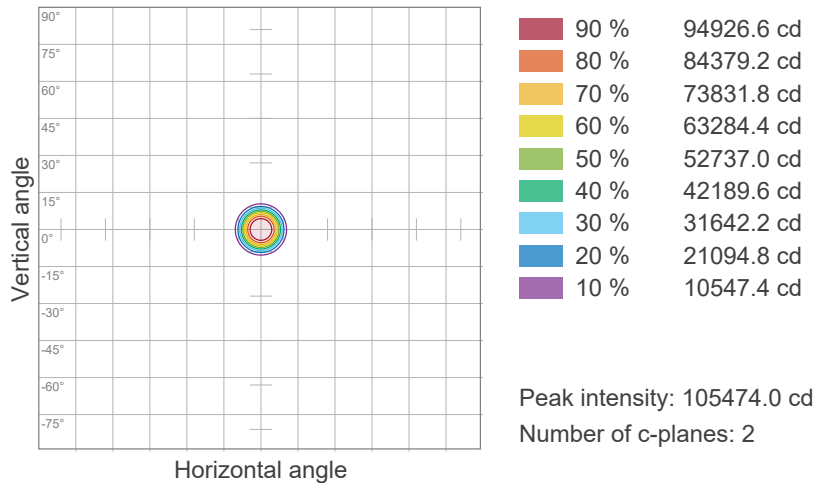
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

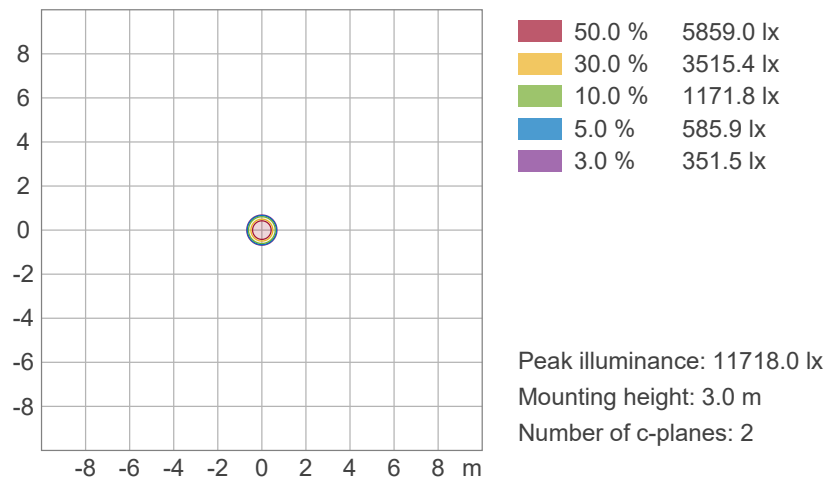


ISO Diagrams

ISO Candela Diagram



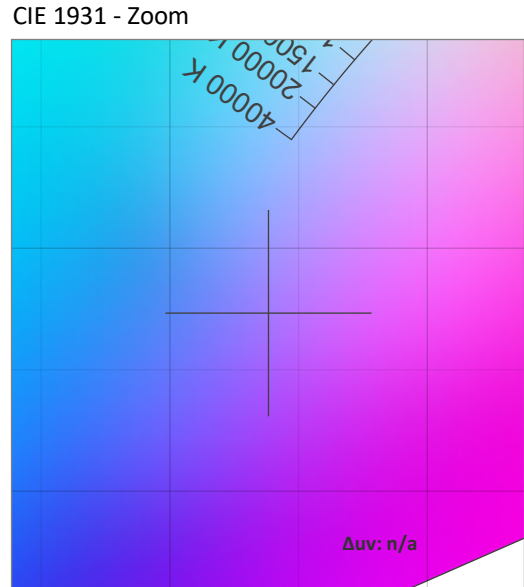
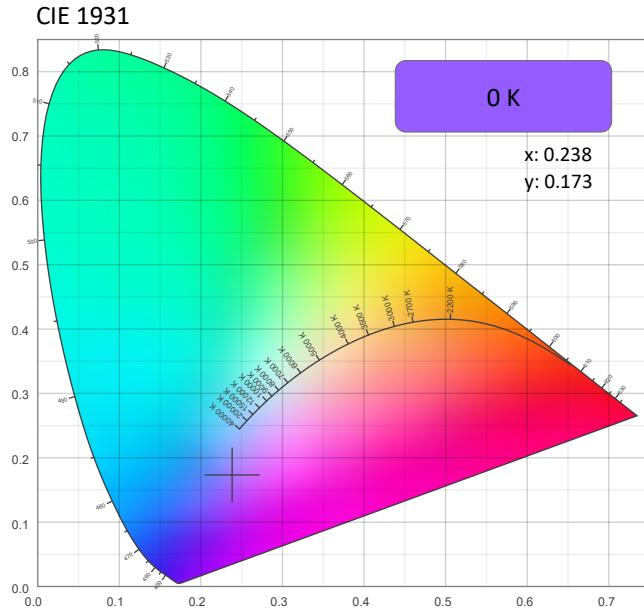
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.238	0.173

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.173	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

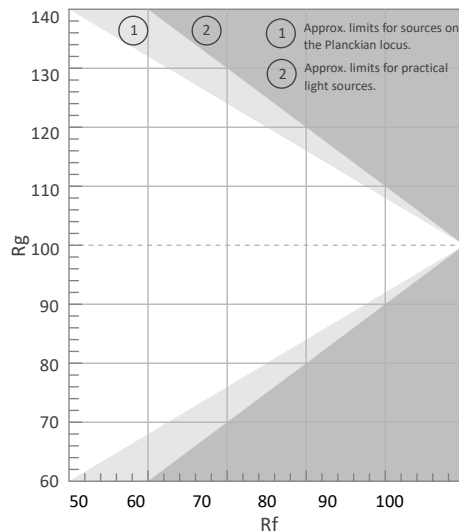
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

TM-30 Details

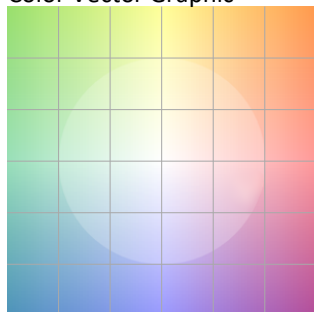
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

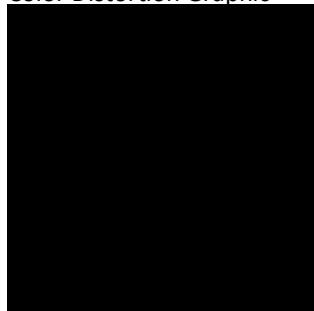
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



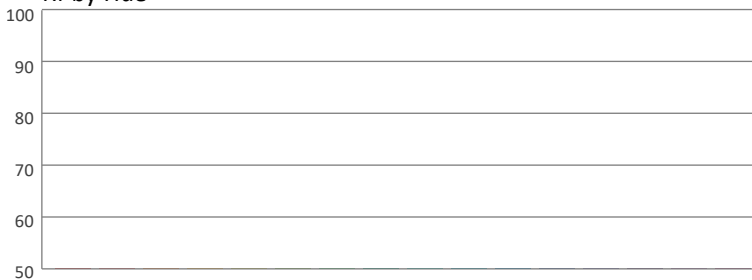
Color Vector Graphic



Color Distortion Graphic



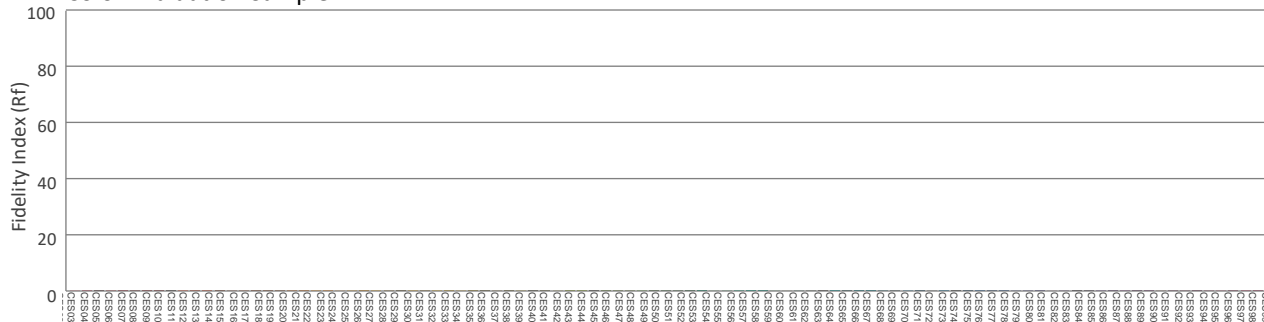
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - Full Power - Cali On

Report Summary

Measurements

Fixture Output: 6573 lm
Fixture Peak: 90222 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3609 lux
Color Temperature: 8466 K
CRI: 75.4 CRI R9 Value: -36.2
CQS: 85.8
TLCI: 65
TM-30 Rf: 81.0
TM-30 Rg: 114.6
Beam Angle (50%): 16.4°
Field Angle (10%): 23.3°
Cutoff Angle (3%): 26.9°

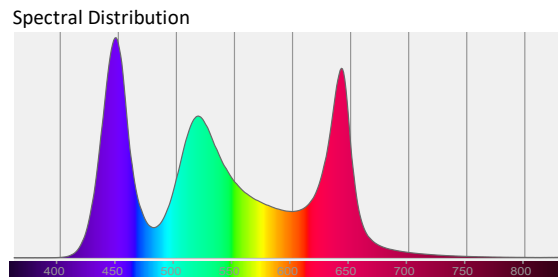
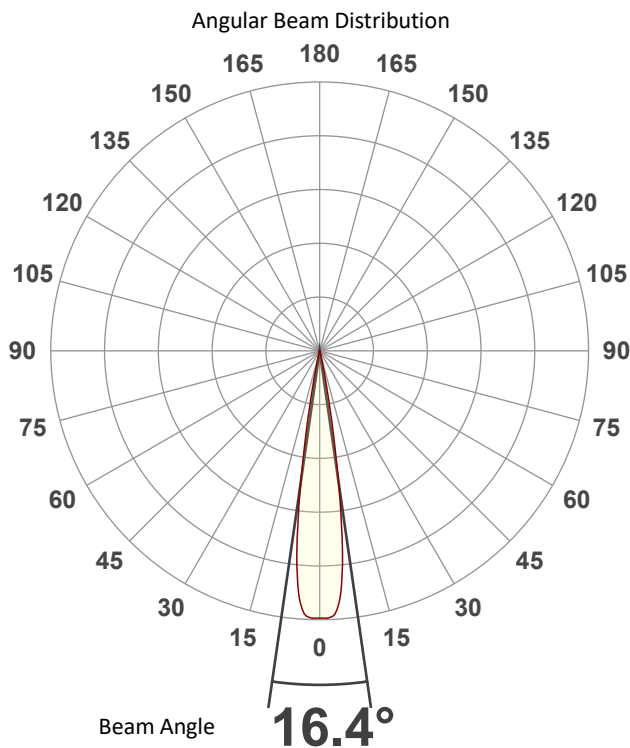


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

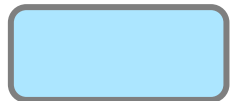
Overall Measurement



Tested Color (CIE 1931):

X: 0.291

Y: 0.302



Light Quality

CRI: 75.4

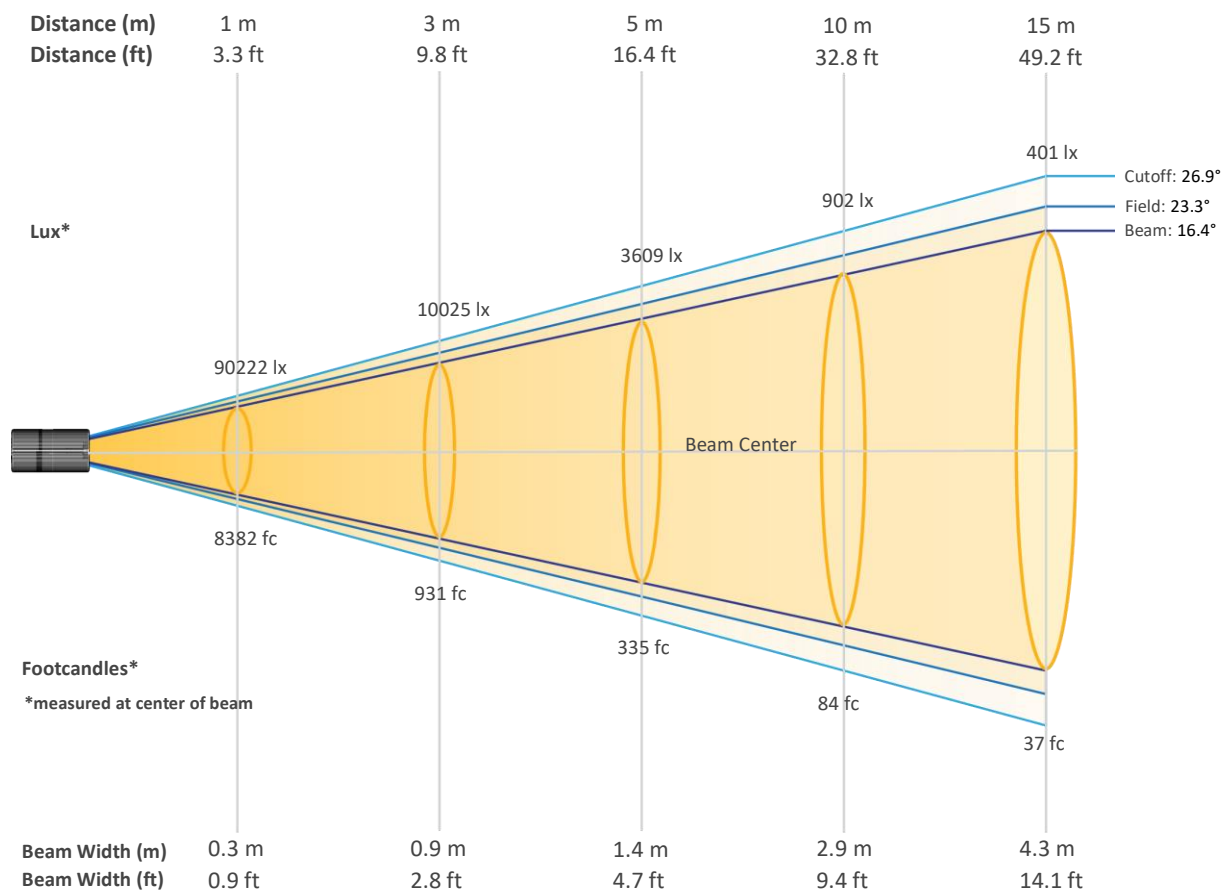
Color Temperature

8466 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

Beam Details

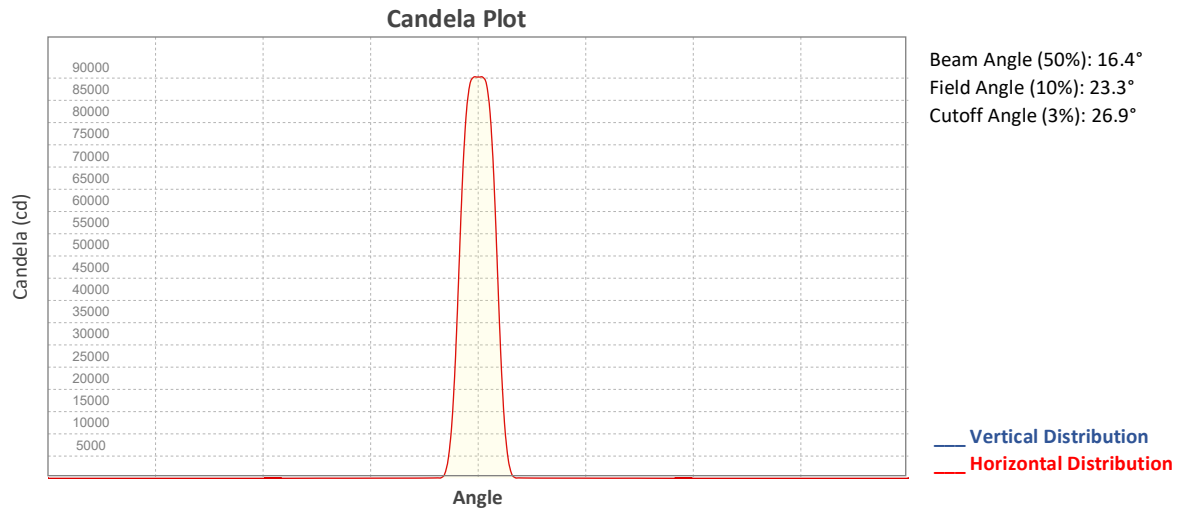


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	90222	22556	10025	5639	3609	2506	1841	1410	1114	902
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	746	627	534	460	401	352	312	278	250	226
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8382	2095	931	524	335	233	171	131	103	84
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	69	58	50	43	37	33	29	26	23	21

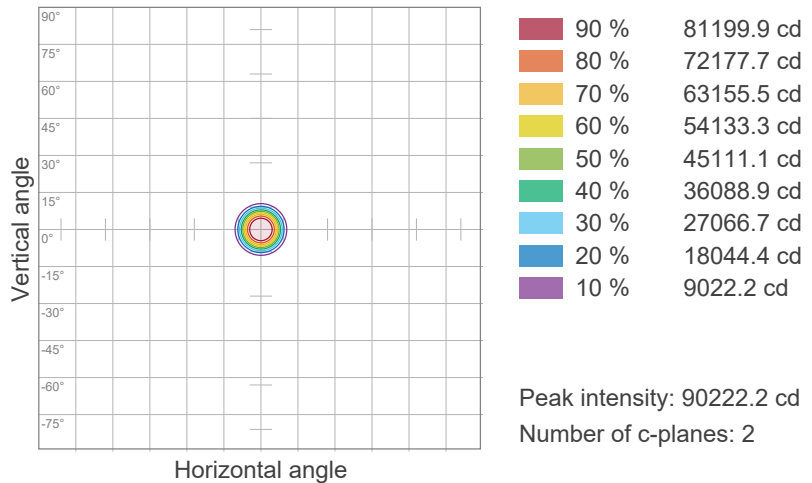
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

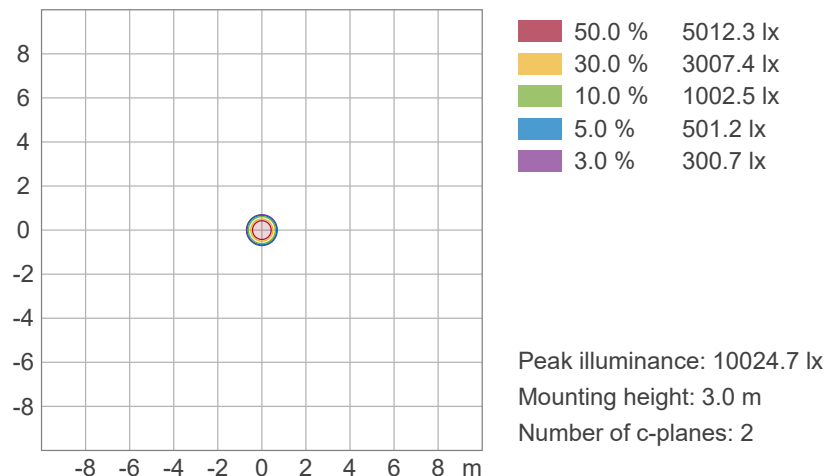


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

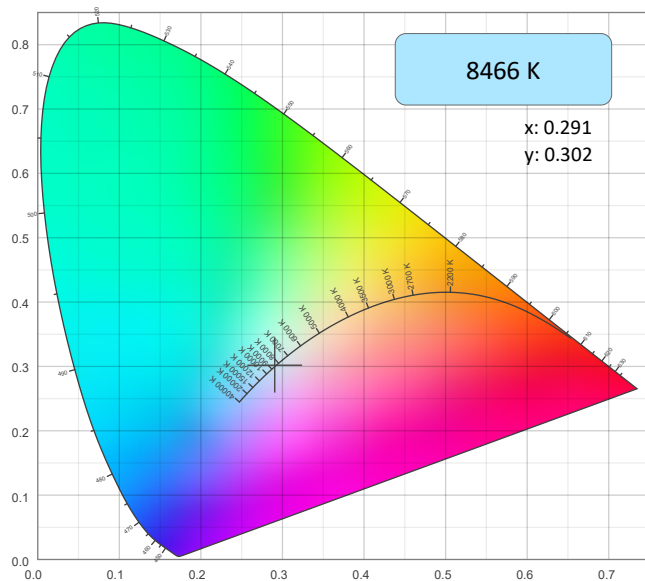


Photometric & Chromaticity Report

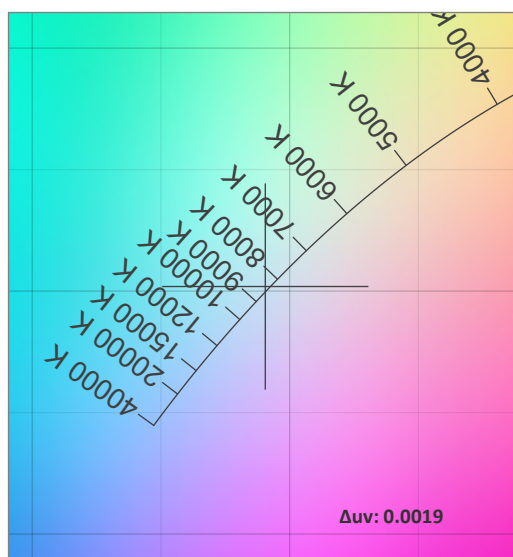
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

Chromaticity

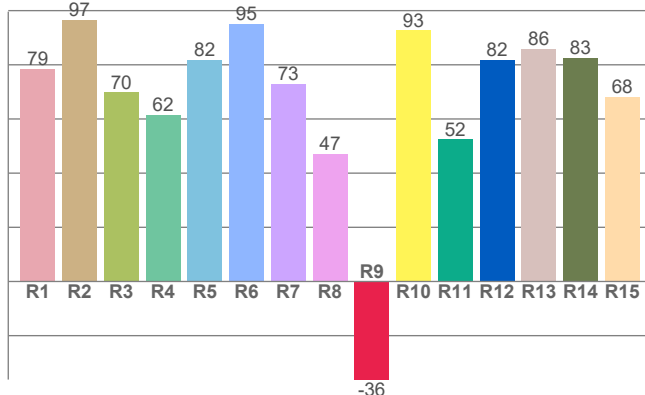
CIE 1931



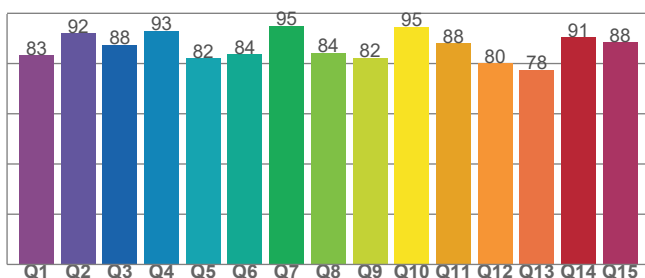
CIE 1931 - Zoom



CRI: 75.4 (R1-R8)



CQS: 85.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8466 K	0.291	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.302	0.192

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.4	-36.2	85.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
65	81.0	114.6

Photometric & Chromaticity Report

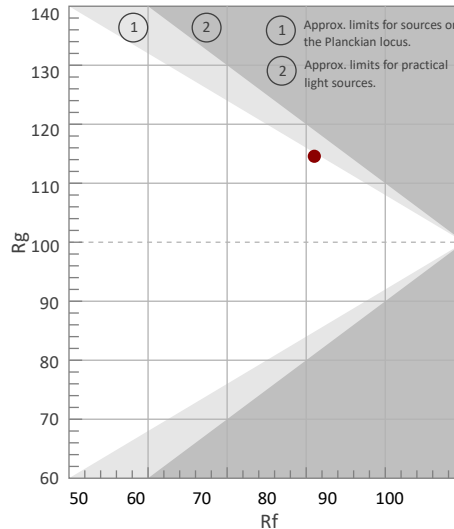
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Full Power

TM-30 Details

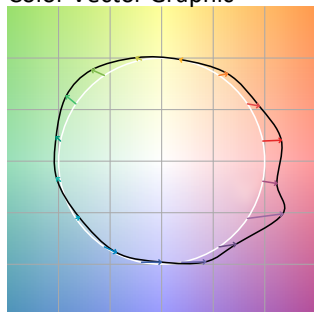
Rf 81.0
Fidelity Index (Rg)

Rg 114.6
Gammut Index (Rg)

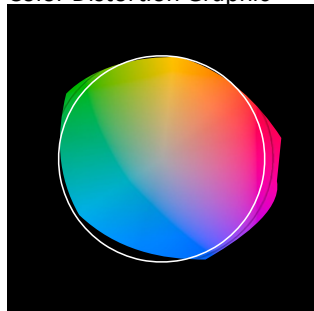
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	67	18%	-3%
2	79	8%	-8%
3	85	6%	-6%
4	94	0%	2%
5	87	3%	5%
6	80	11%	7%
7	81	12%	-1%
8	81	5%	-3%
9	92	3%	-4%
10	92	-3%	1%
11	75	-2%	13%
12	75	-4%	19%
13	73	4%	23%
14	74	7%	15%
15	64	26%	23%
16	74	14%	1%



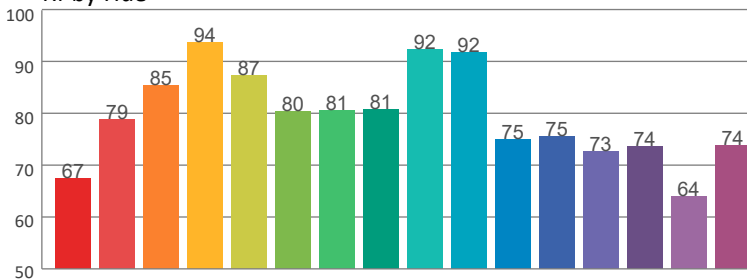
Color Vector Graphic



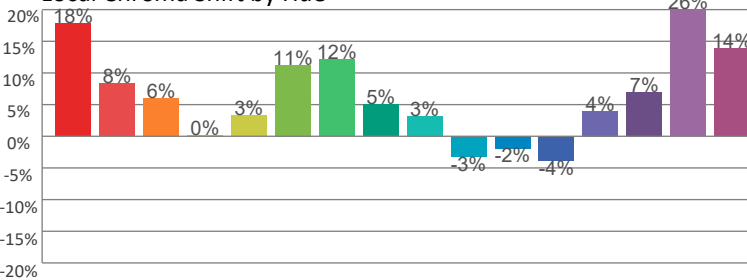
Color Distortion Graphic



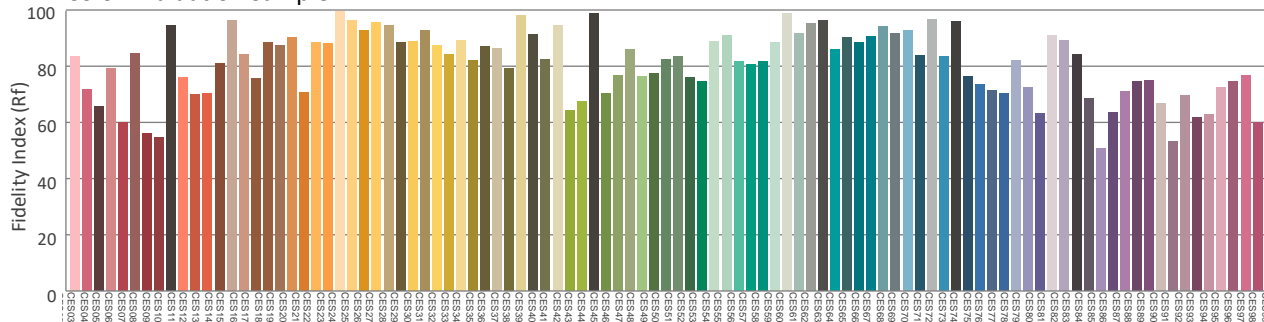
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - Red

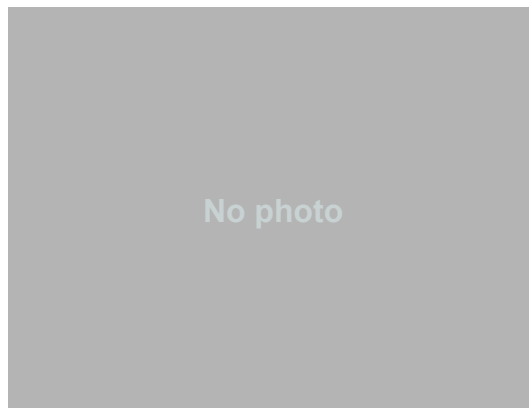
Report Summary

Measurements

Fixture Output: 1459 lm
Fixture Peak: 19629 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 783 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.5°
Field Angle (10%): 23°
Cutoff Angle (3%): 26.2°

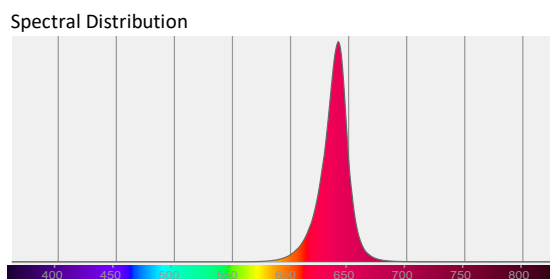
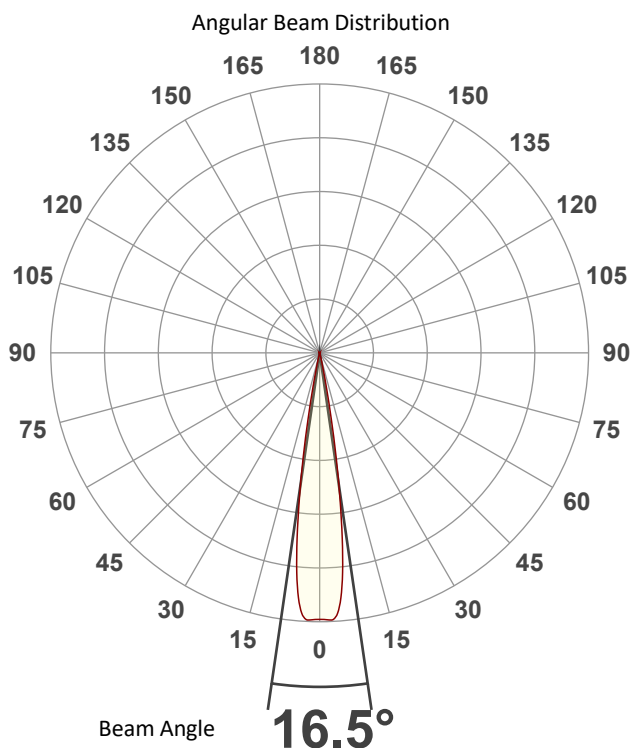
Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.297



Light Quality

CRI: 0.0

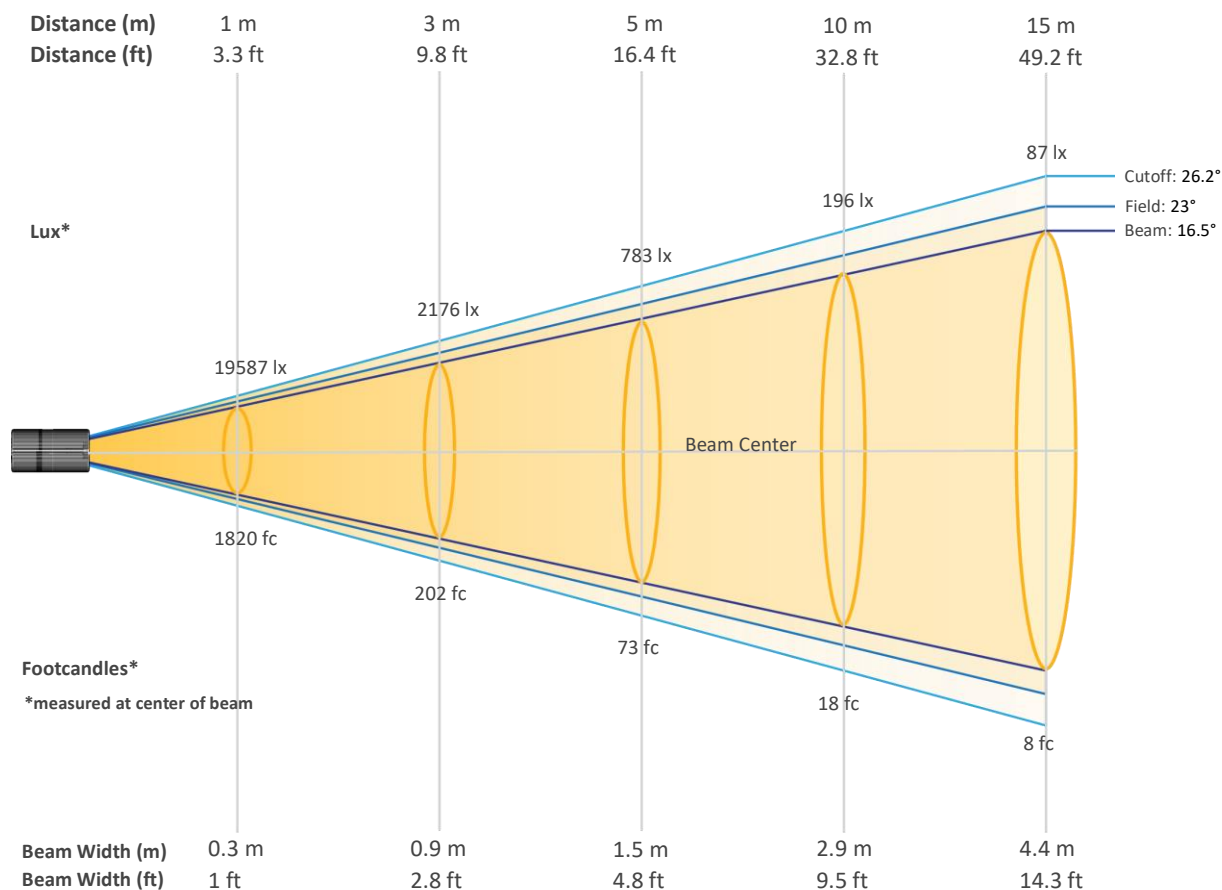
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Red Only

Beam Details

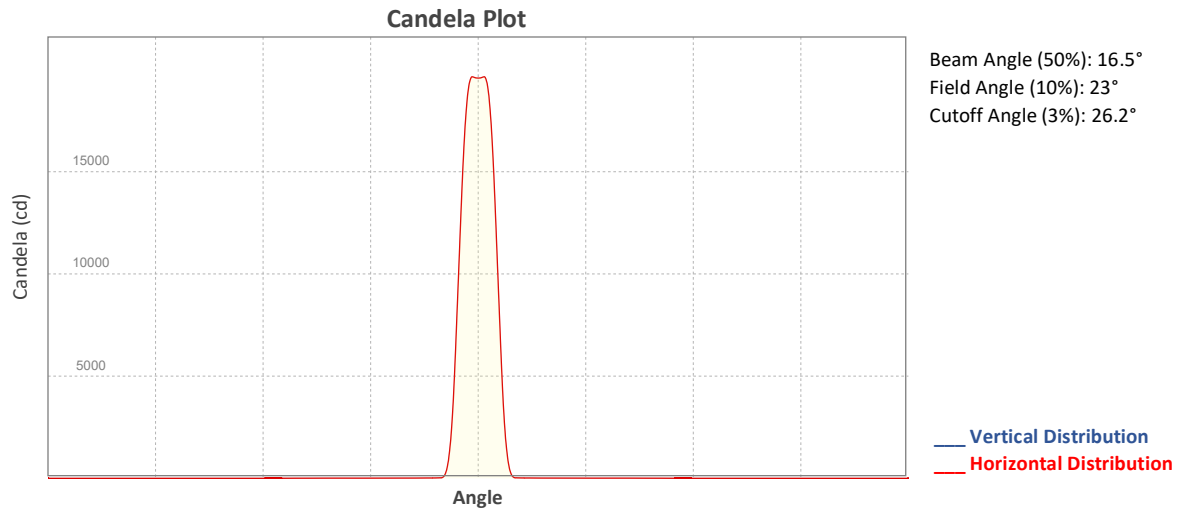


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	19587	4897	2176	1224	783	544	400	306	242	196
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	162	136	116	100	87	77	68	60	54	49
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1820	455	202	114	73	51	37	28	22	18
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	15	13	11	9	8	7	6	6	5	5

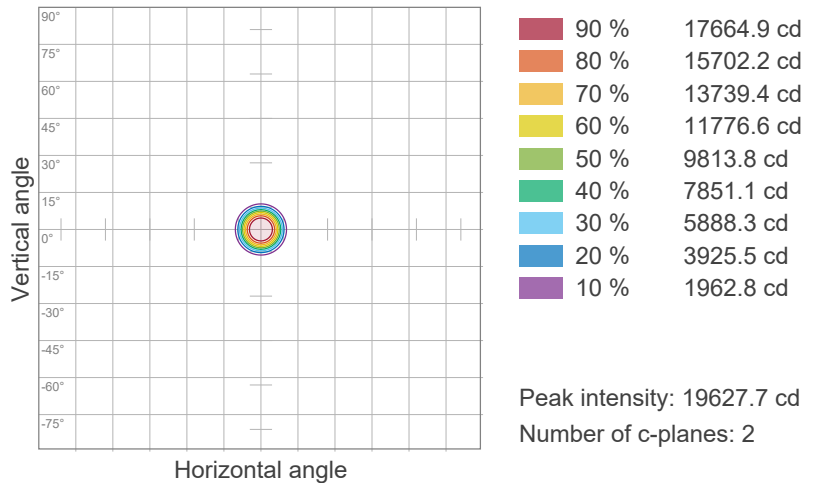
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Red Only

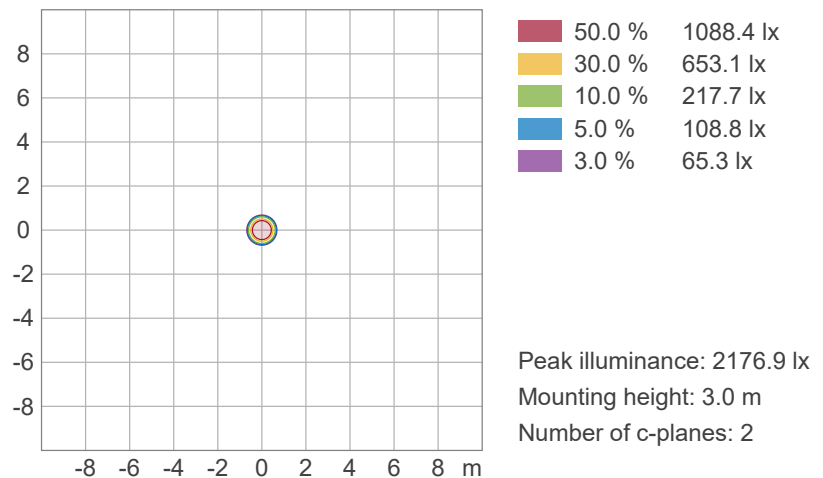


ISO Diagrams

ISO Candela Diagram



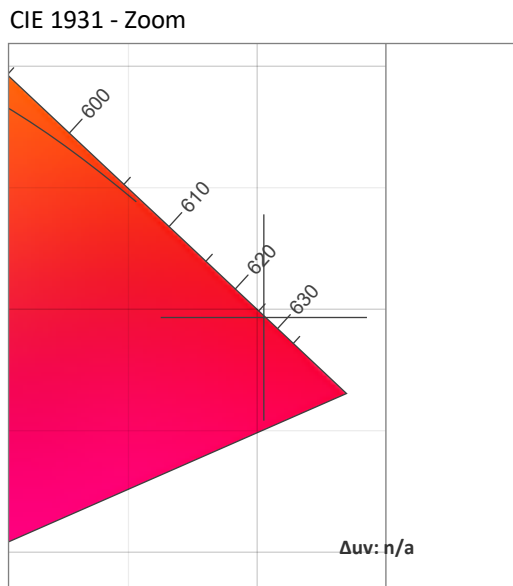
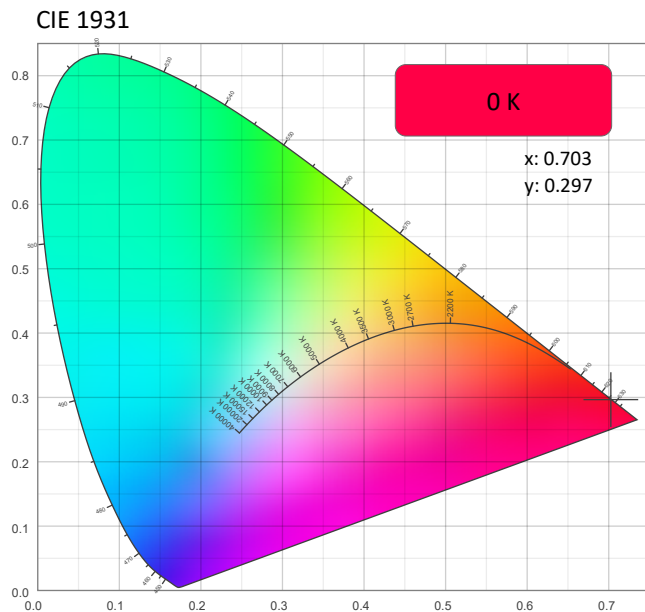
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.703	0.297

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.297	0.545

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

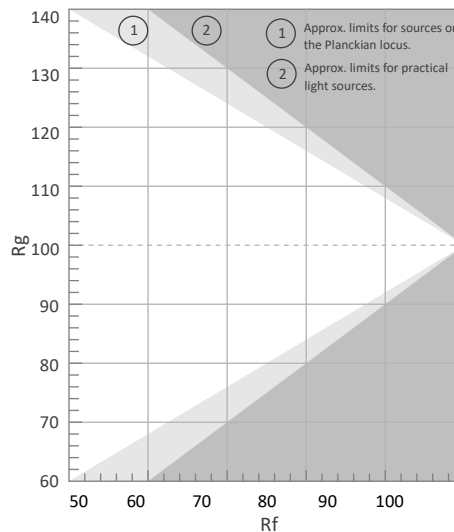
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Red Only

TM-30 Details

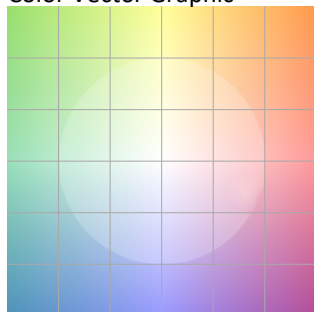
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



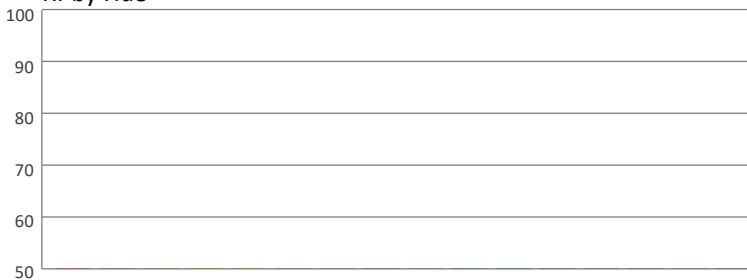
Color Vector Graphic



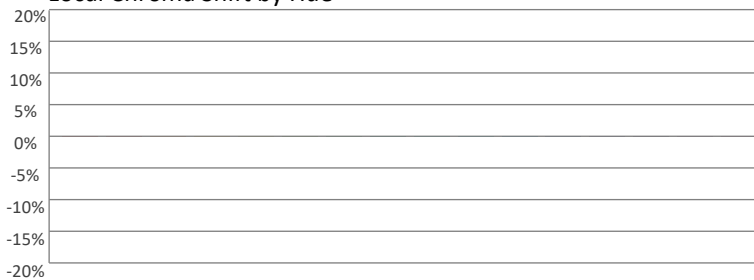
Color Distortion Graphic



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - Green

Report Summary

Measurements

Fixture Output: 2451 lm
 Fixture Peak: 35162 cd
 Fixture Efficacy: n/a lm/W
 Intensity @ 5m: 1406 lux
 Color Temperature: 0 K
 CRI: 0.0 CRI R9 Value: 0.0
 CQS: 0.0
 TLCI: n/a
 TM-30 Rf: 0.0
 TM-30 Rg: 0.0
 Beam Angle (50%): 16°
 Field Angle (10%): 22.7°
 Cutoff Angle (3%): 26.1°

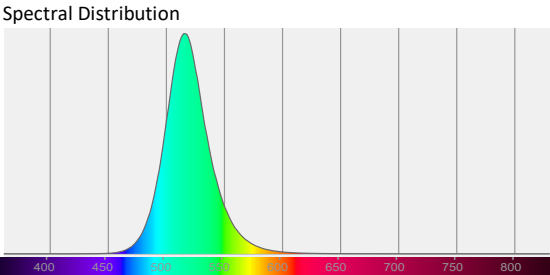
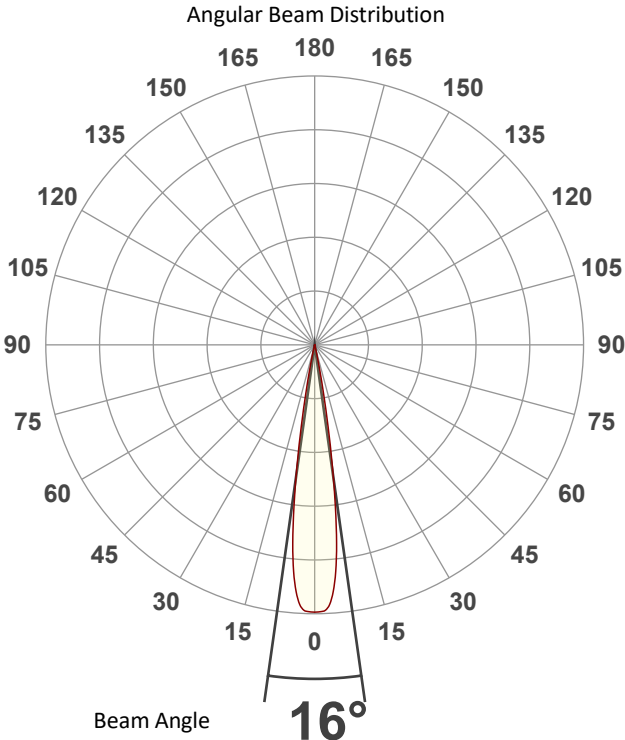


Conditions

AC Supply: 116 V, 60 Hz
 Power: 0.0 W
 Current: 0.000 A
 Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
 X: 0.145
 Y: 0.684

Light Quality
CRI: 0.0

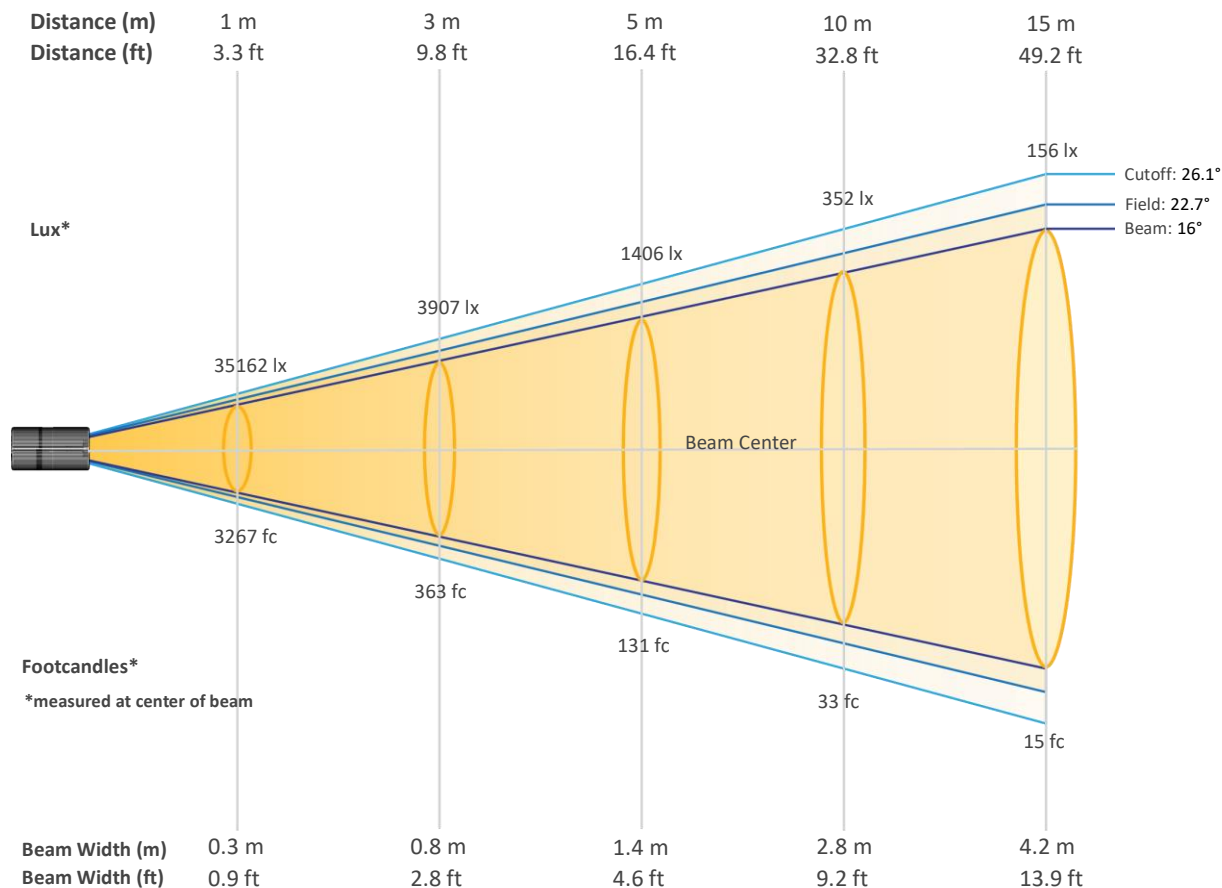
Color Temperature
0 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Green Only

Beam Details

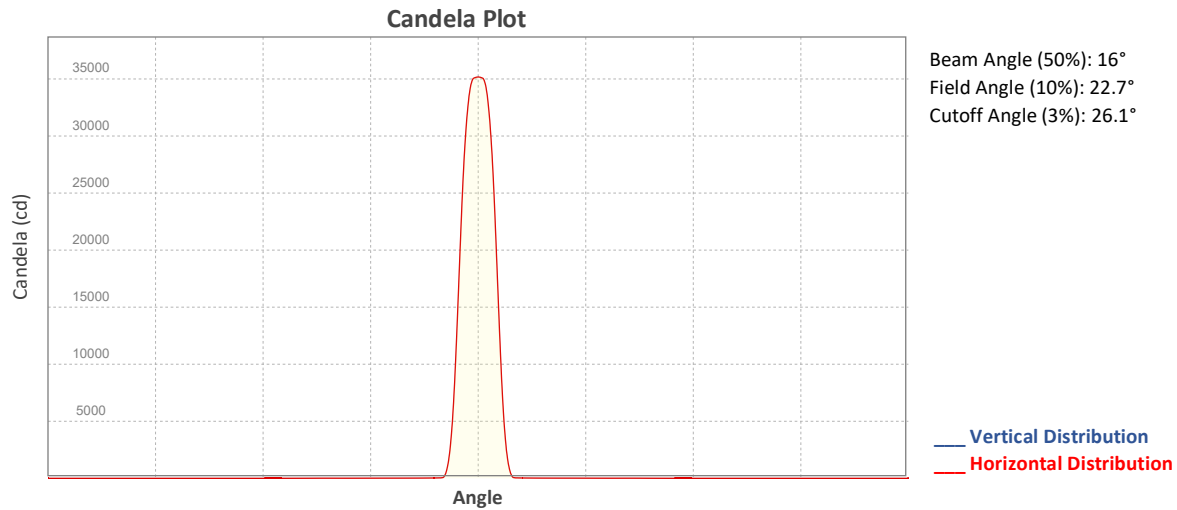


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35162	8791	3907	2198	1406	977	718	549	434	352
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	291	244	208	179	156	137	122	109	97	88
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3267	817	363	204	131	91	67	51	40	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	19	17	15	13	11	10	9	8

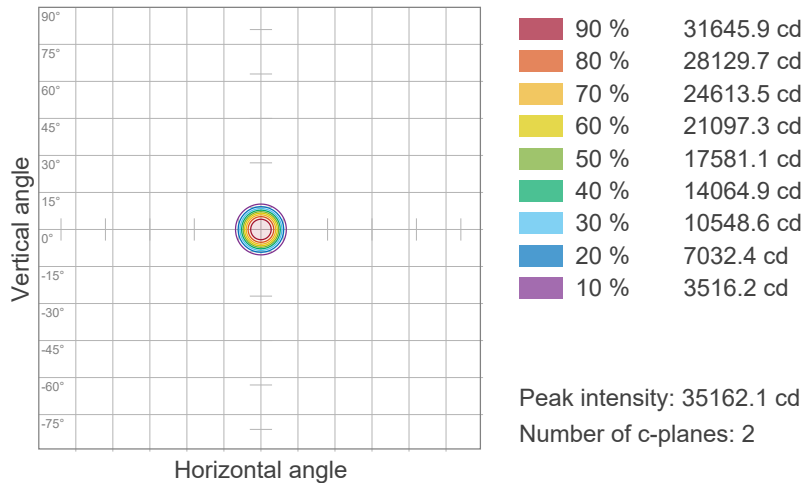
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Green Only

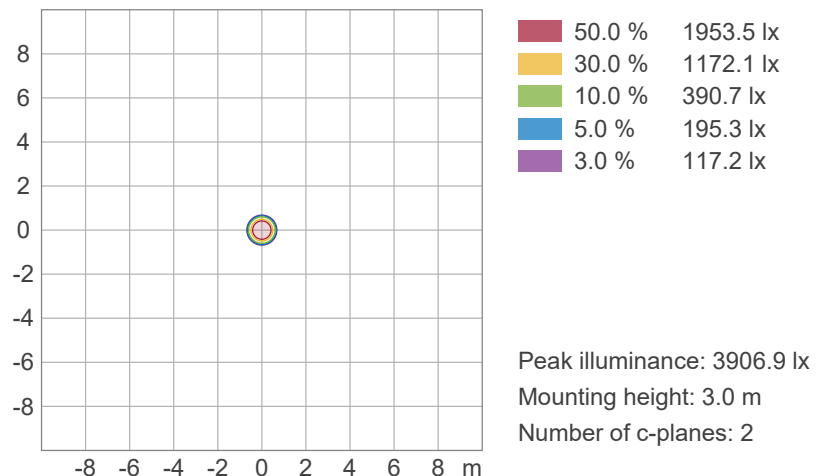


ISO Diagrams

ISO Candela Diagram



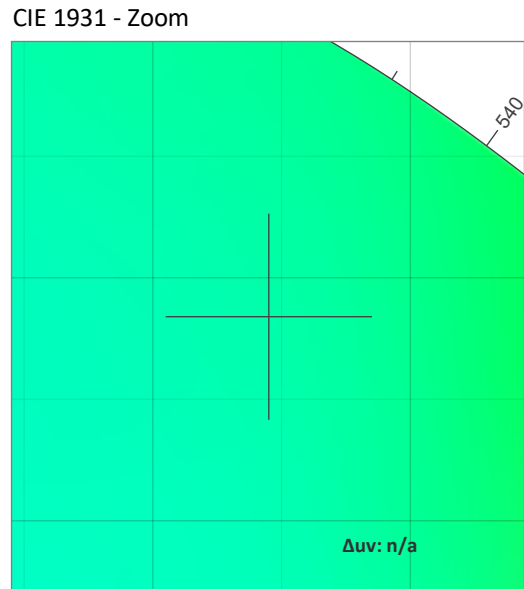
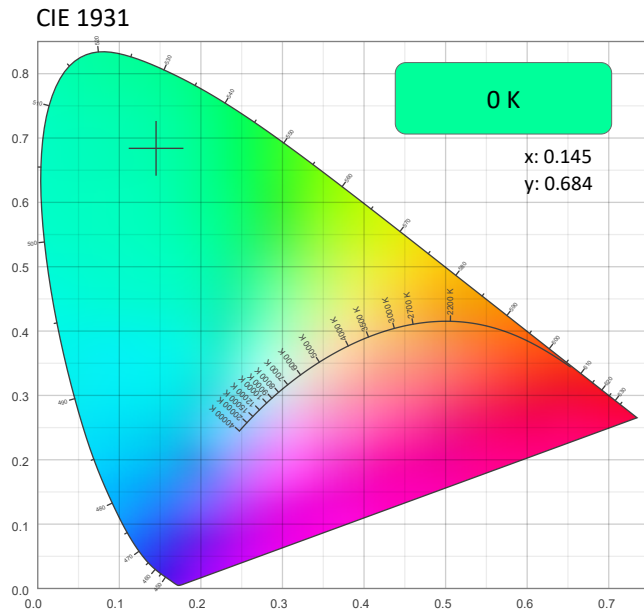
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.145	0.684

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.684	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

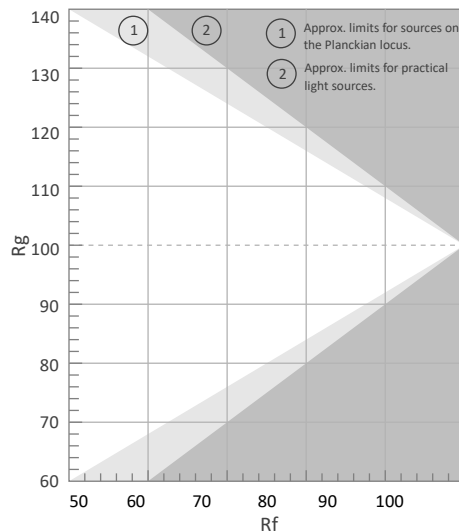
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Green Only

TM-30 Details

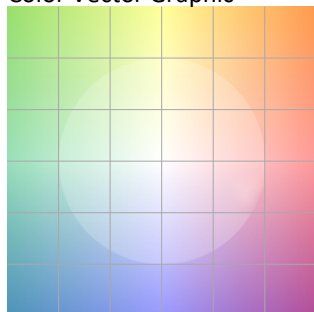
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

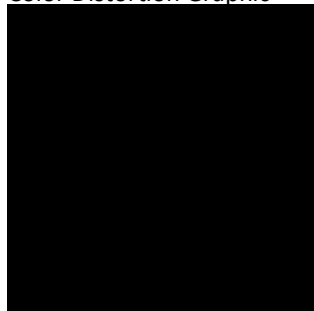
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



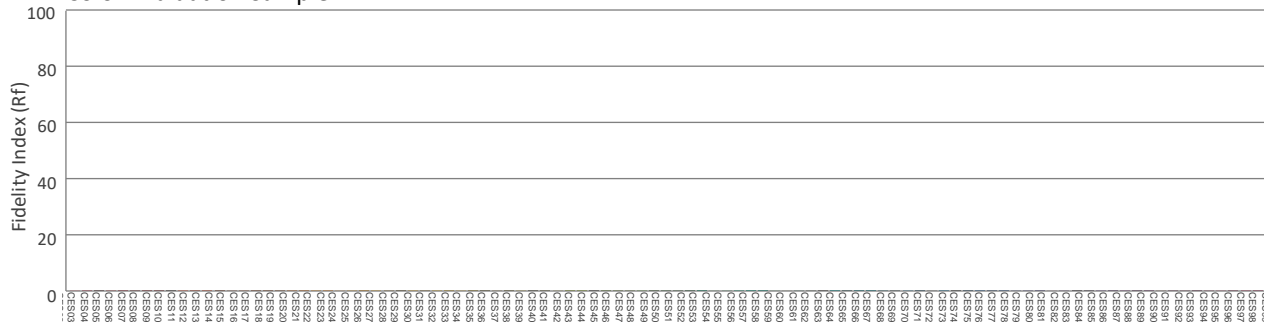
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - Blue

Report Summary

Measurements

Fixture Output: 788 lm
Fixture Peak: 10826 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 428 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16°
Field Angle (10%): 22.5°
Cutoff Angle (3%): 25.9°

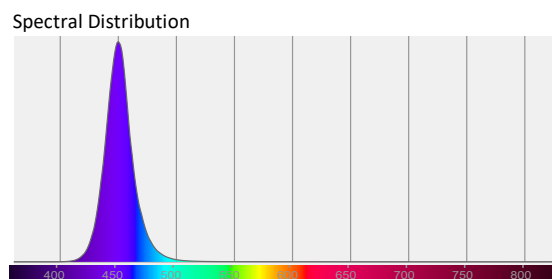
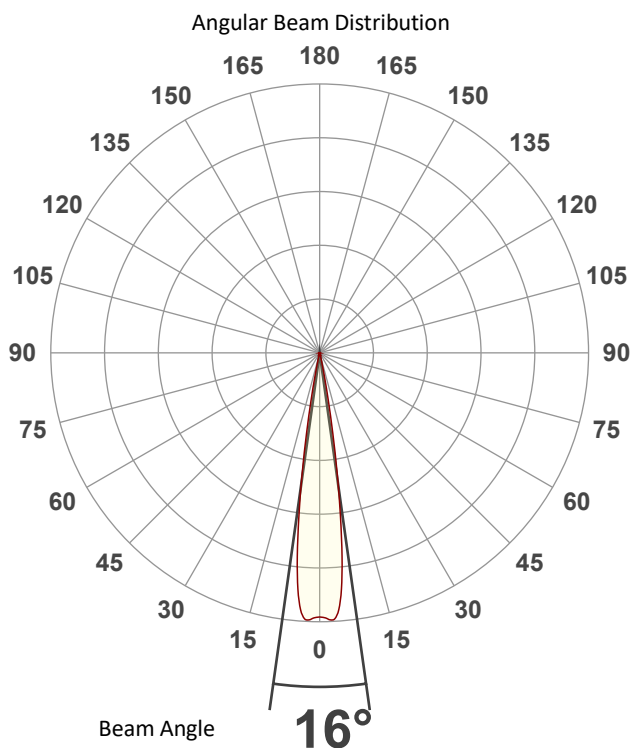


Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

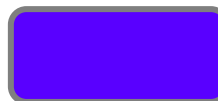
Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.026



Light Quality

CRI: 0.0

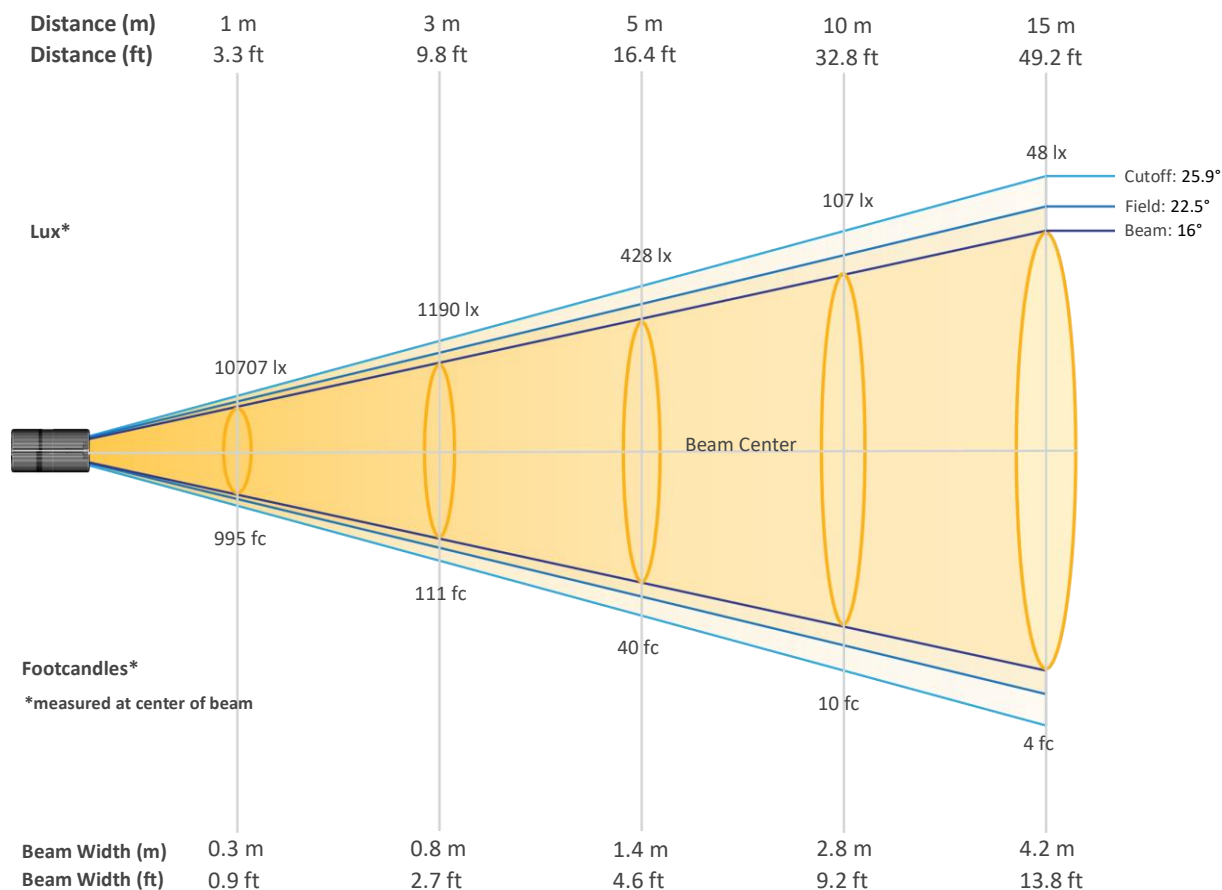
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Blue

Beam Details

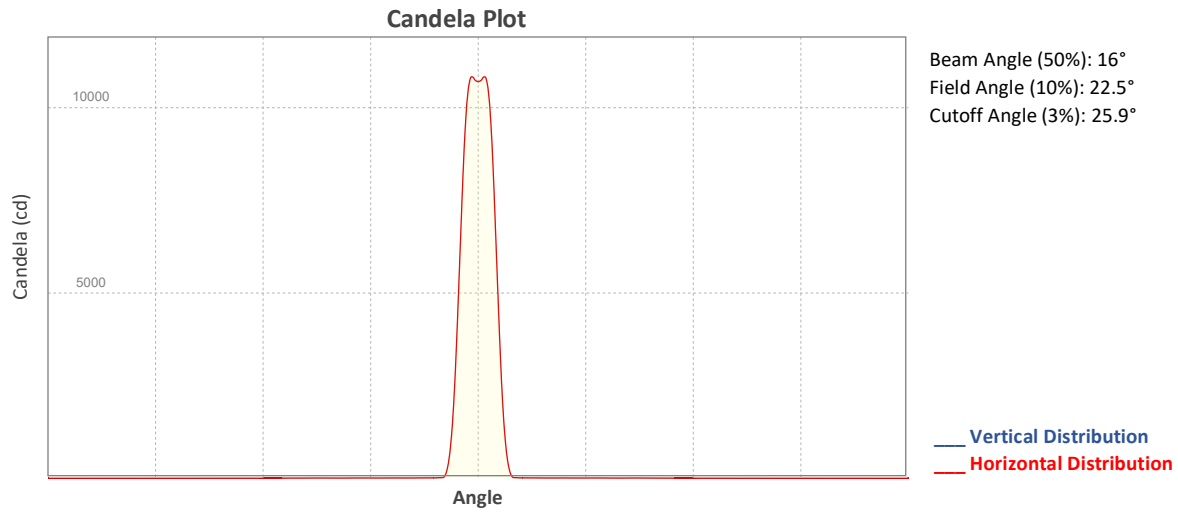


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10707	2677	1190	669	428	297	219	167	132	107
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	88	74	63	55	48	42	37	33	30	27
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	995	249	111	62	40	28	20	16	12	10
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	8	7	6	5	4	4	3	3	3	2

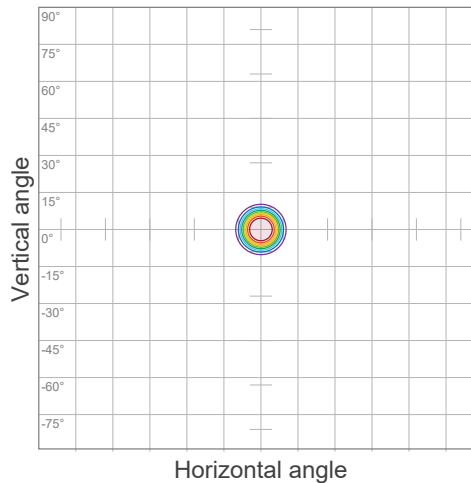
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Blue Only



ISO Diagrams

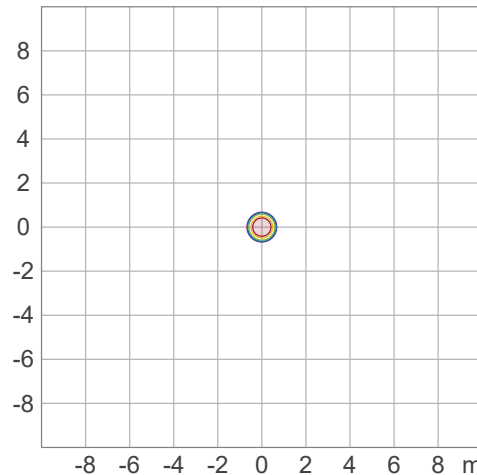
ISO Candela Diagram



90 %	9723.2 cd
80 %	8642.8 cd
70 %	7562.5 cd
60 %	6482.1 cd
50 %	5401.8 cd
40 %	4321.4 cd
30 %	3241.1 cd
20 %	2160.7 cd
10 %	1080.4 cd

Peak intensity: 10803.5 cd
 Number of c-planes: 2

ISO Lux Diagram



50.0 %	599.1 lx
30.0 %	359.5 lx
10.0 %	119.8 lx
5.0 %	59.9 lx
3.0 %	35.9 lx

Peak illuminance: 1198.2 lx
 Mounting height: 3.0 m
 Number of c-planes: 2

Photometric & Chromaticity Report

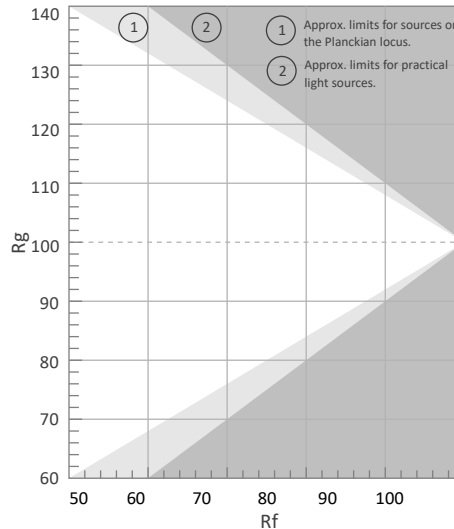
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - Blue Only

TM-30 Details

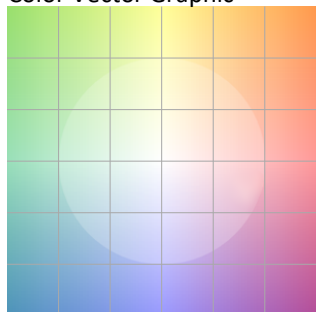
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

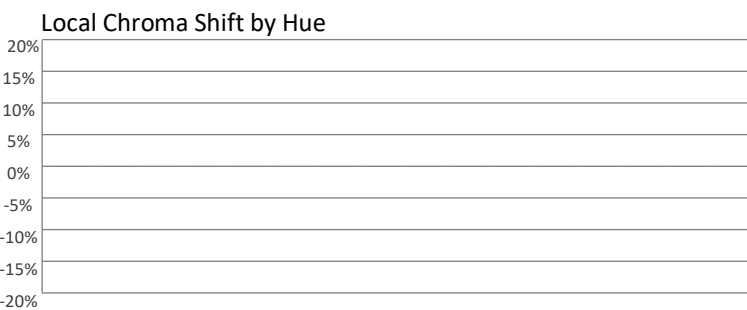
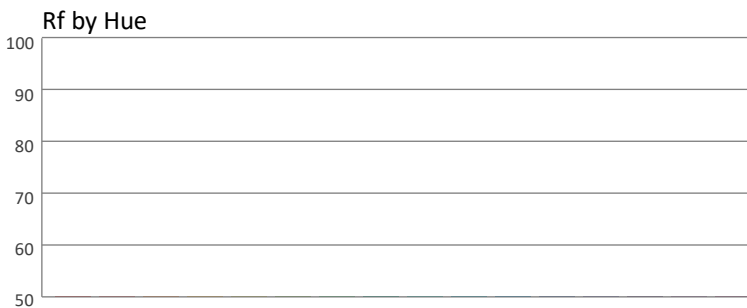
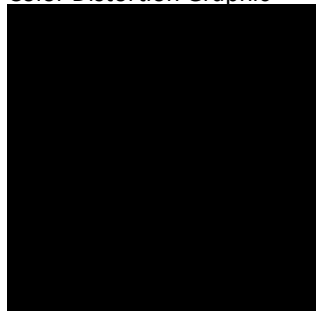
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Outer Zoom Zone - White

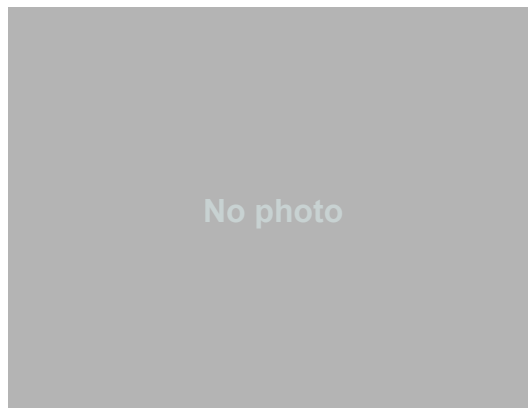
Report Summary

Measurements

Fixture Output: 3612 lm
Fixture Peak: 49503 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1979 lux
Color Temperature: 7877 K
CRI: 71.6 CRI R9 Value: 1.6
CQS: 66.1
TLCI: 44
TM-30 Rf: 66.9
TM-30 Rg: 97.0
Beam Angle (50%): 16.5°
Field Angle (10%): 23.2°
Cutoff Angle (3%): 26.4°

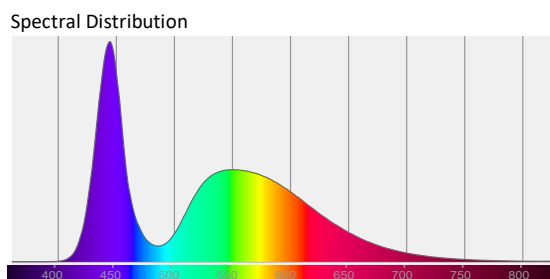
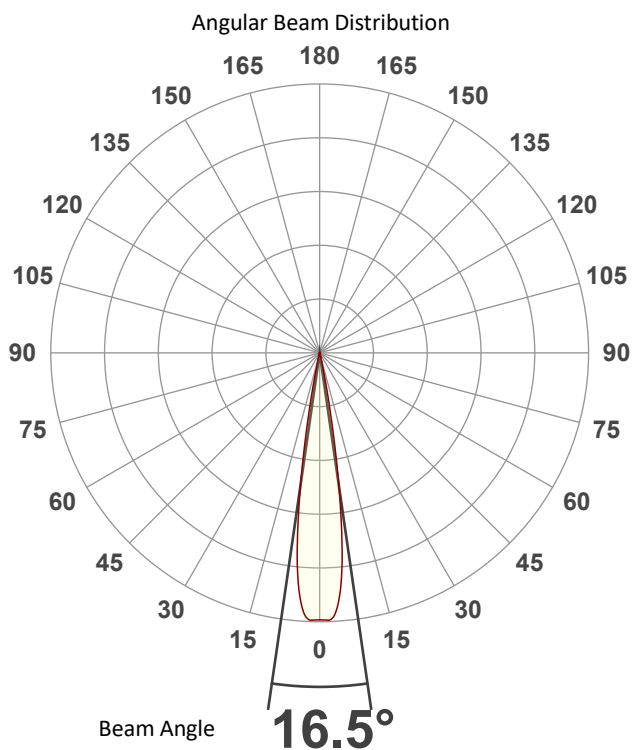
Conditions

AC Supply: 117 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

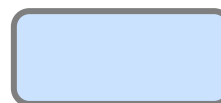
Overall Measurement



Tested Color (CIE 1931):

X: 0.300

Y: 0.294



Light Quality

CRI: 71.6

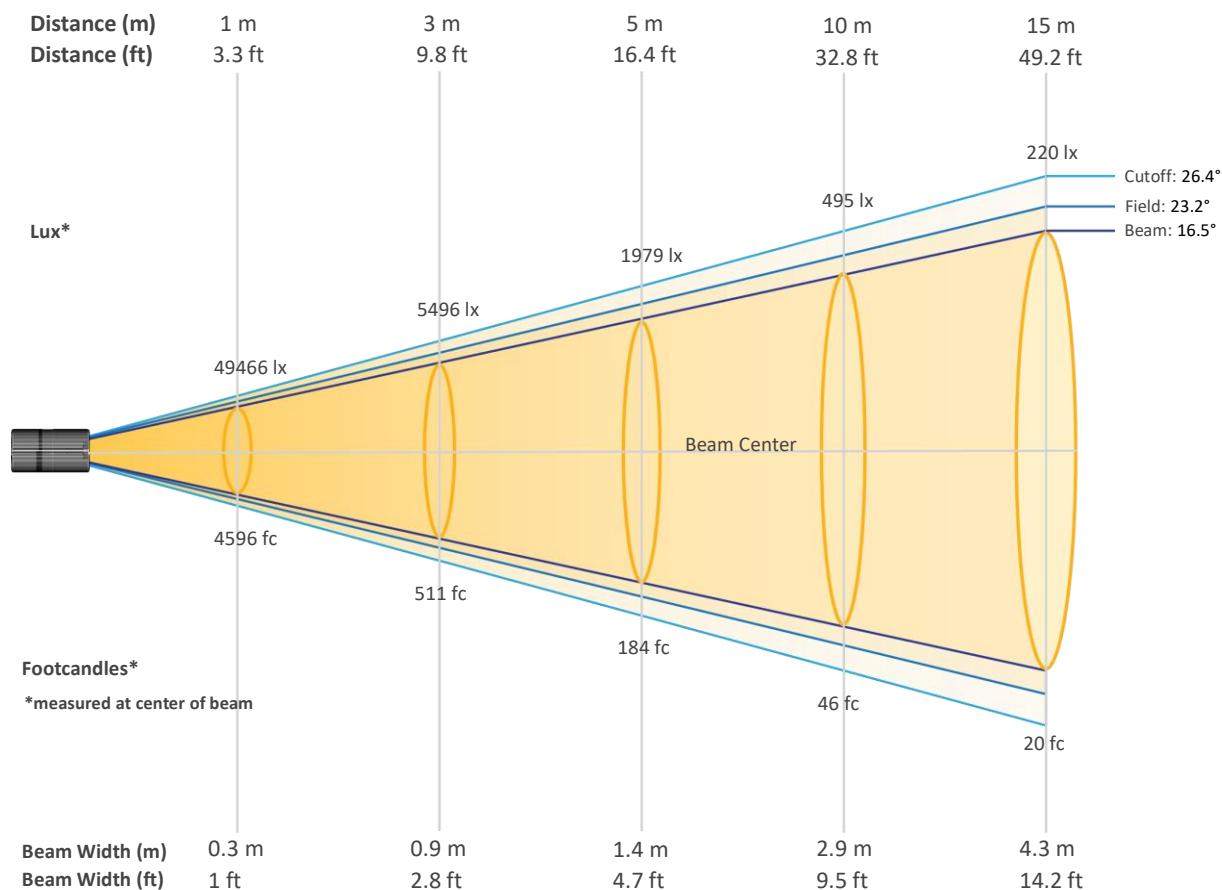
Color Temperature

7877 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - White Only

Beam Details

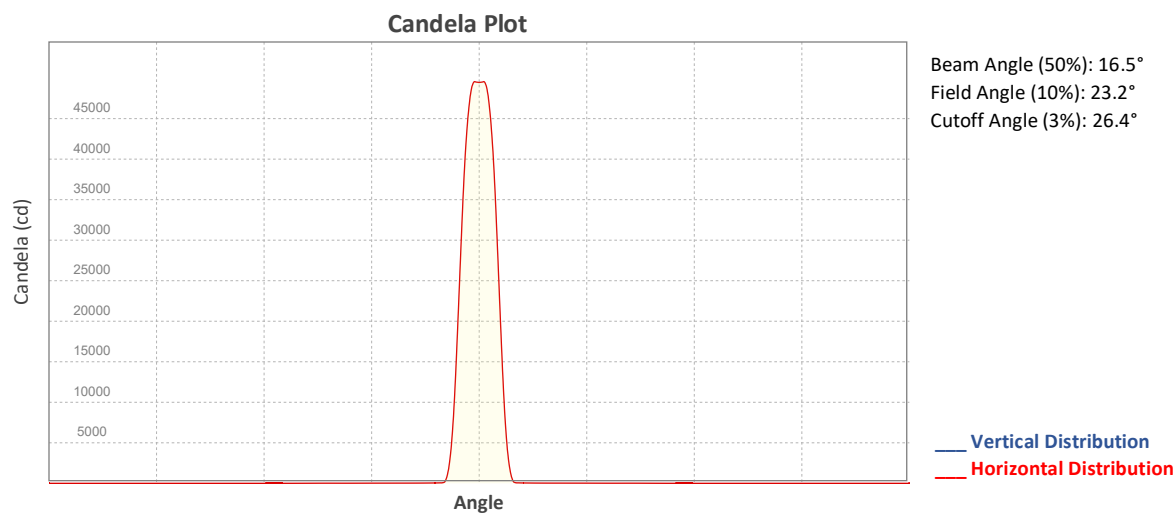


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	49466	12366	5496	3092	1979	1374	1010	773	611	495
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	409	344	293	252	220	193	171	153	137	124
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4596	1149	511	287	184	128	94	72	57	46
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	38	32	27	23	20	18	16	14	13	11

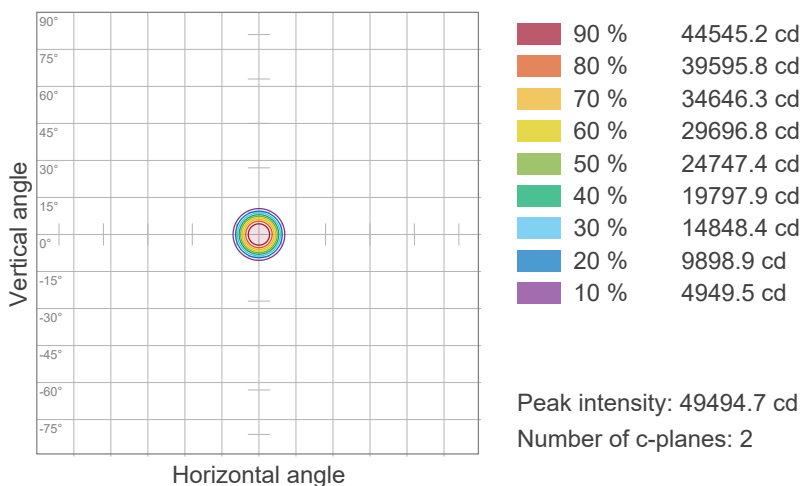
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - White Only

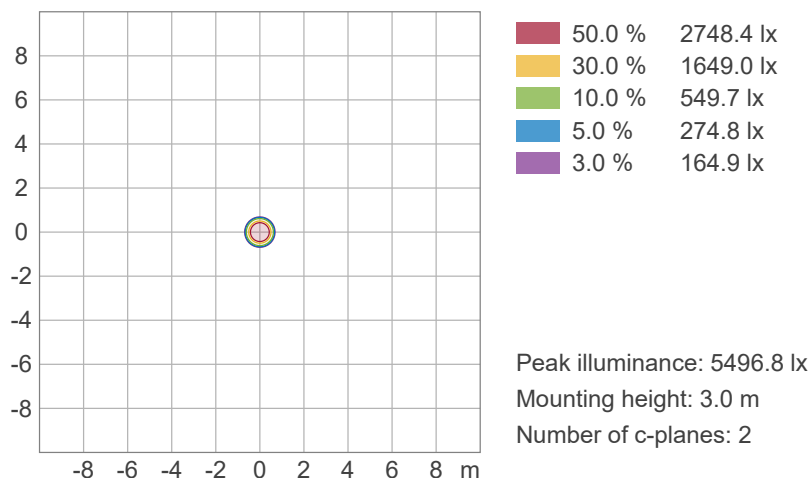


ISO Diagrams

ISO Candela Diagram



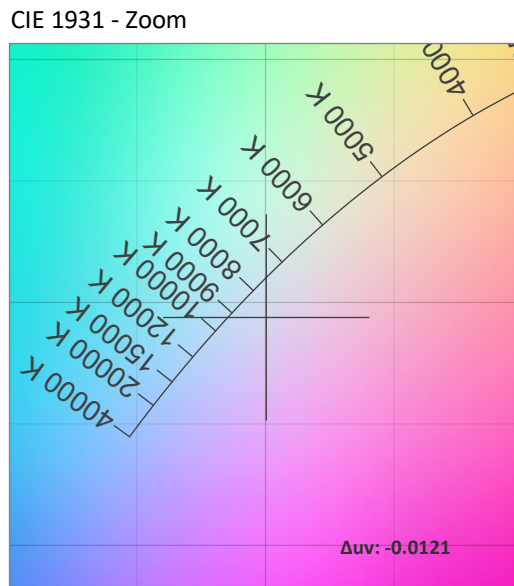
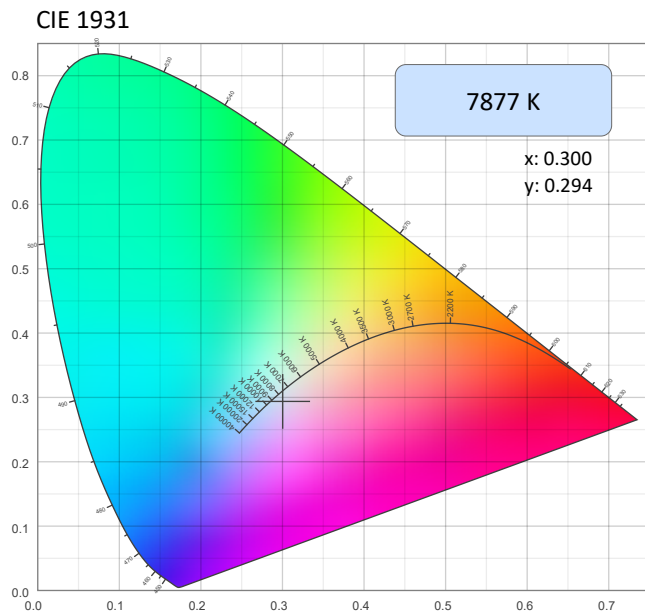
ISO Lux Diagram



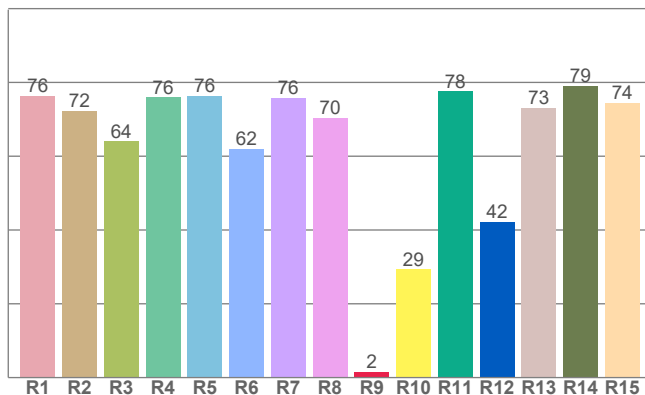
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - White Only

Chromaticity



CRI: 71.6 (R1-R8)

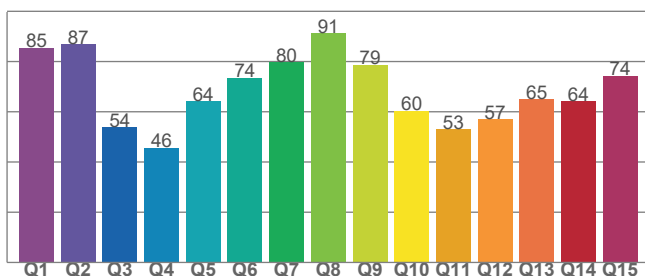


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7877 K	0.300	0.294

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0121	0.294	0.203

CQS: 66.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	1.6	66.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.9	97.0

Photometric & Chromaticity Report

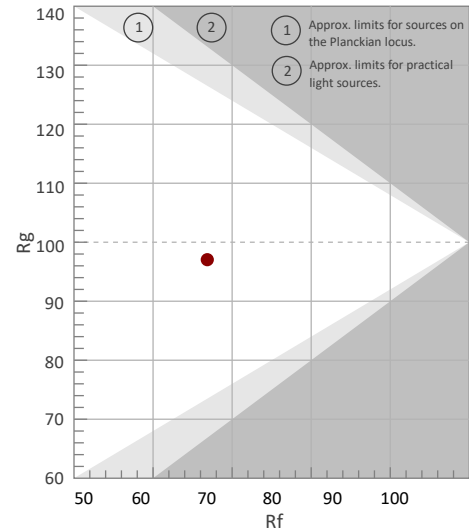
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Outer Zoom Zone - White Only

TM-30 Details

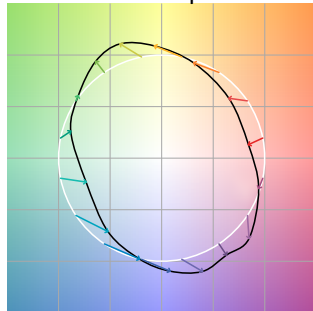
Rf 66.9
Fidelity Index
(Rg)

Rg 97.0
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	54	5%	28%
5	63	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-8%
9	75	-24%	8%
10	57	-17%	30%
11	27	-7%	37%
12	60	6%	29%
13	71	15%	17%
14	77	13%	0%
15	74	14%	-18%
16	81	-2%	-10%



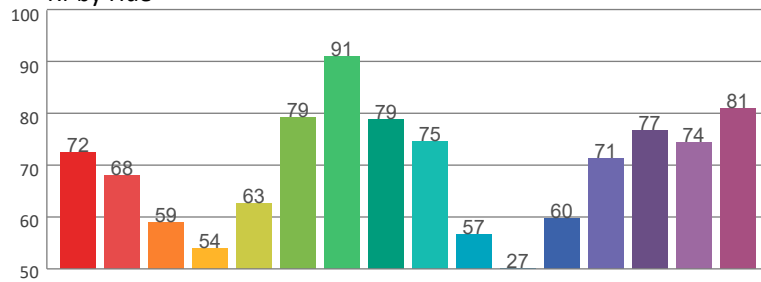
Color Vector Graphic



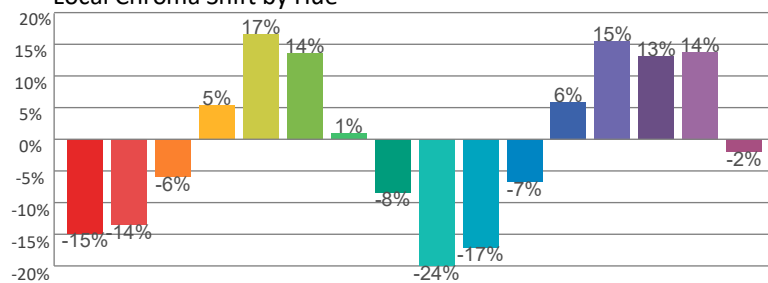
Color Distortion Graphic



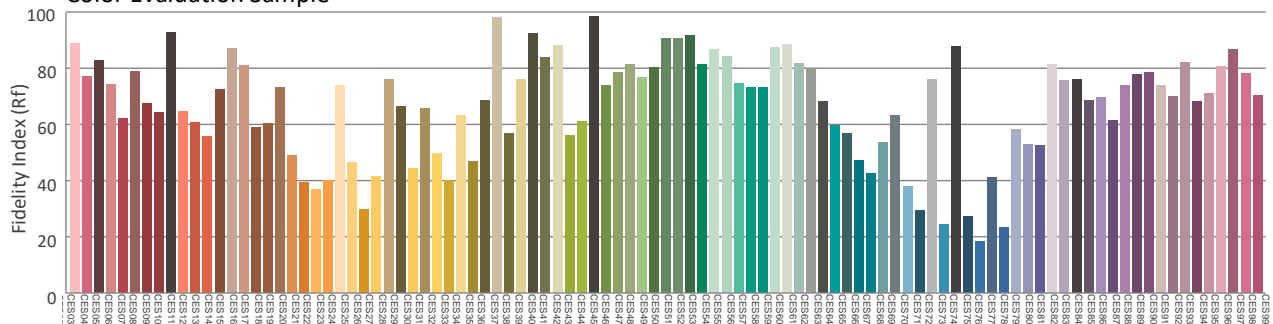
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Full Power

Report Summary

Measurements

Fixture Output: 14182 lm
Fixture Peak: 198676 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 7947 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.1°
Field Angle (10%): 22.9°
Cutoff Angle (3%): 25.6°

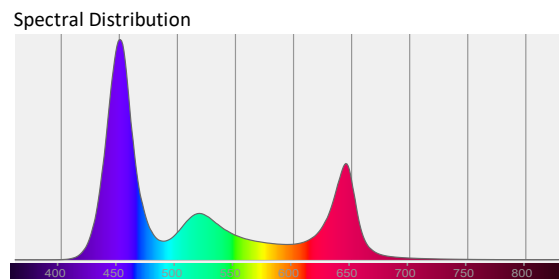
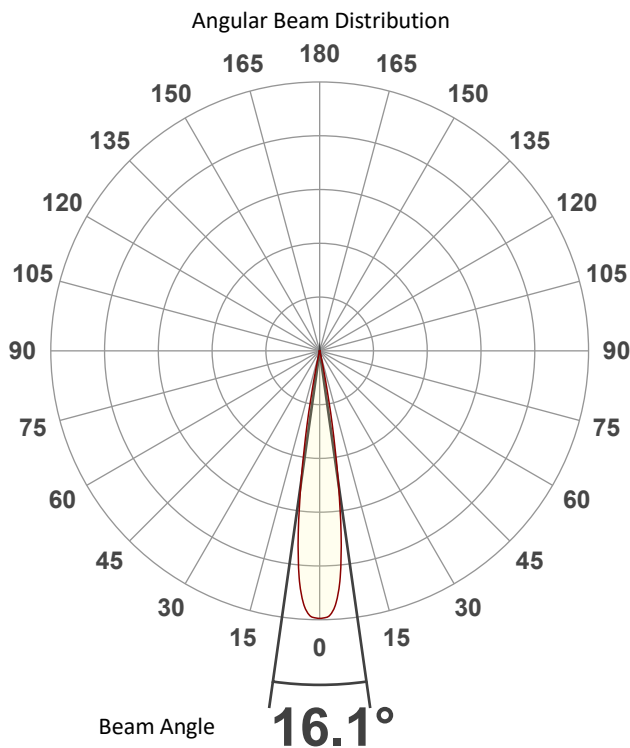


Conditions

AC Supply: 104 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

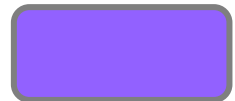
Overall Measurement



Tested Color (CIE 1931):

X: 0.238

Y: 0.174



Light Quality

CRI: 0.0

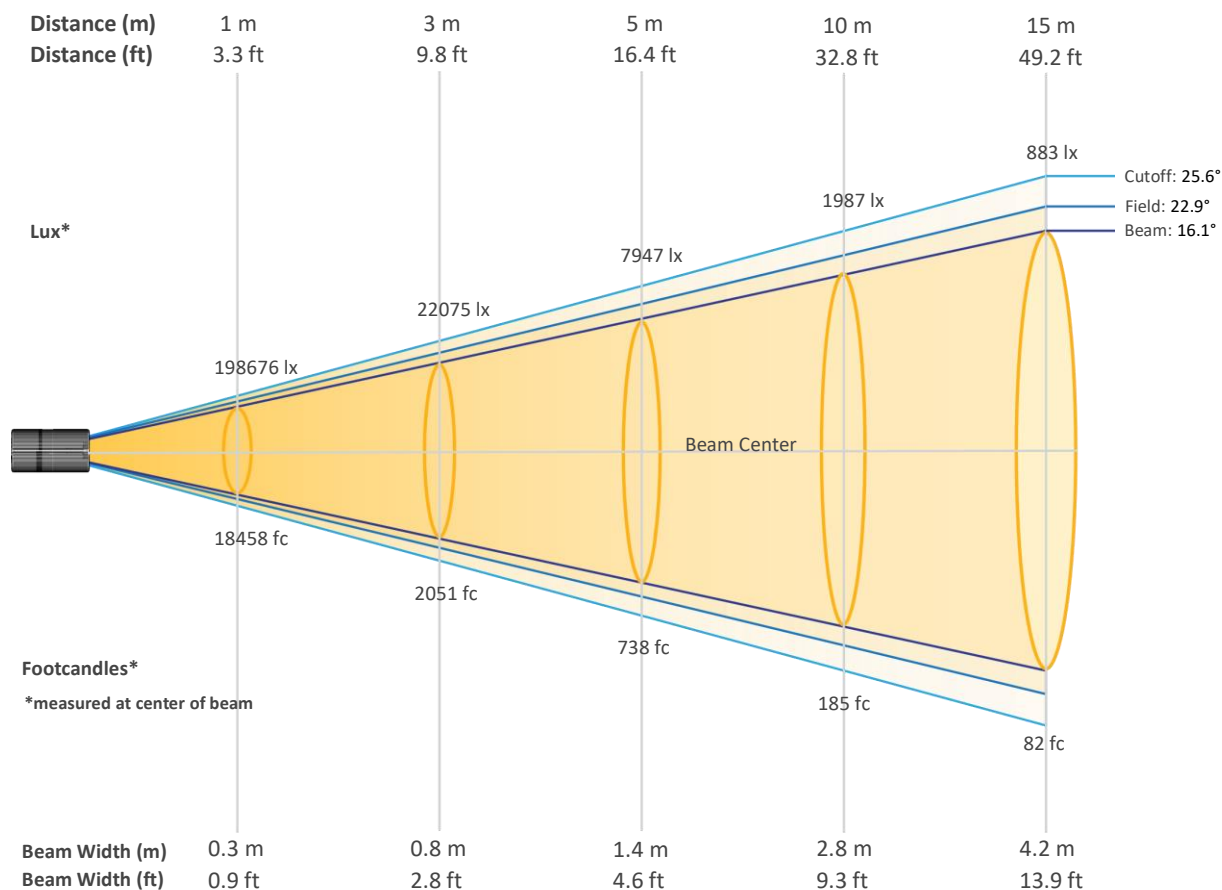
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Full Power

Beam Details

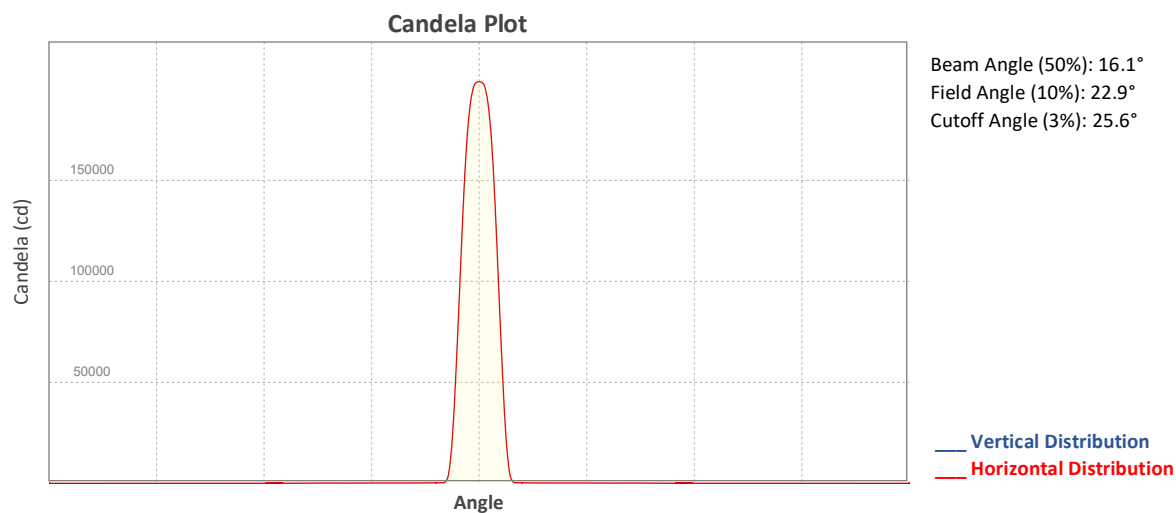


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	198676	49669	22075	12417	7947	5519	4055	3104	2453	1987
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1642	1380	1176	1014	883	776	687	613	550	497
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	18458	4614	2051	1154	738	513	377	288	228	185
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	153	128	109	94	82	72	64	57	51	46

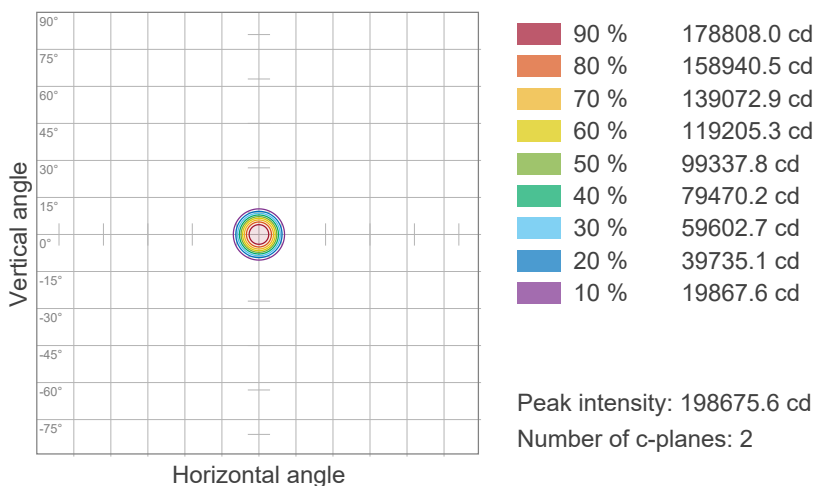
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Full Power

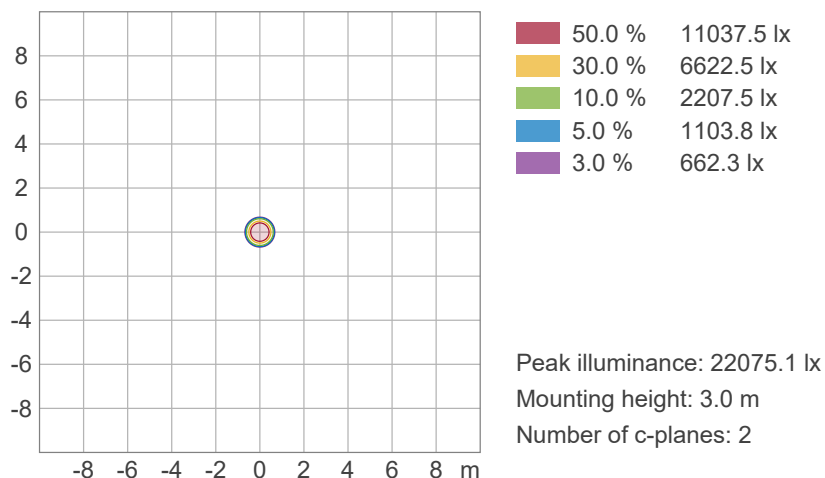


ISO Diagrams

ISO Candela Diagram



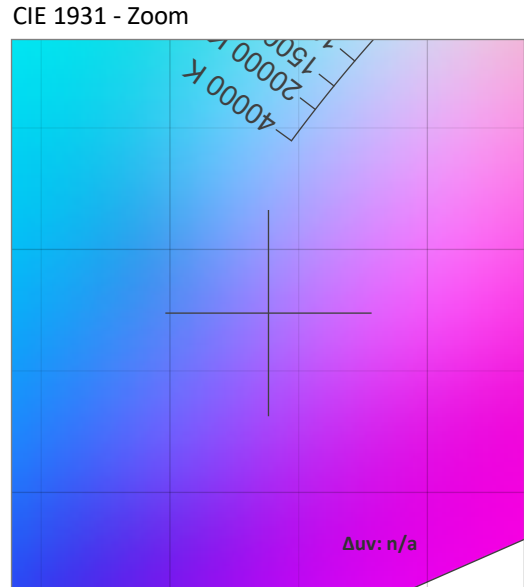
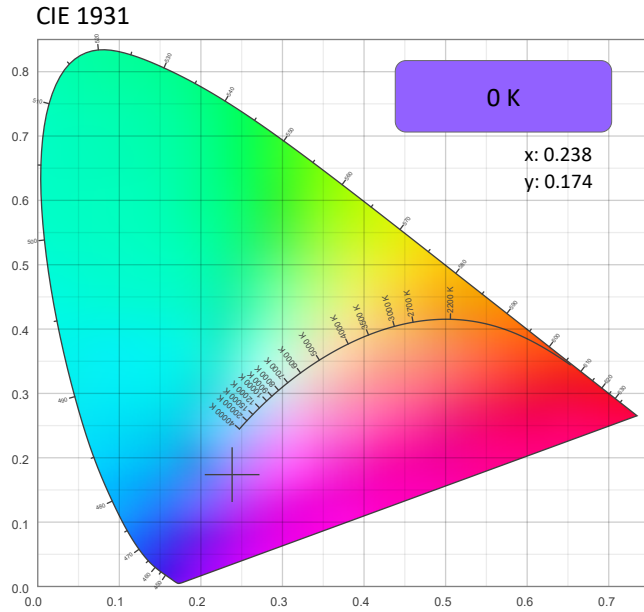
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Full Power

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.238	0.174

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.174	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

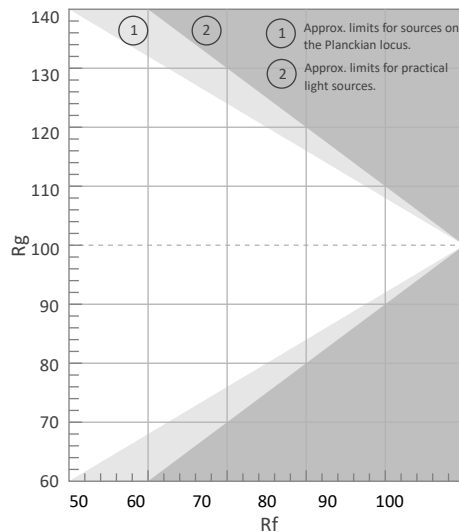
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Full Power

TM-30 Details

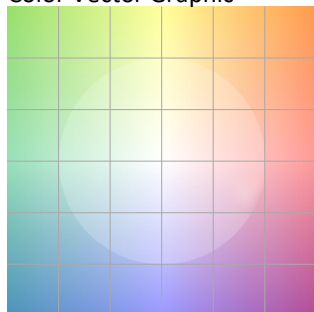
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

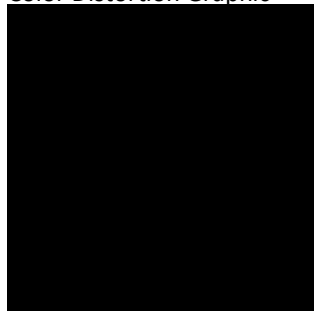
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



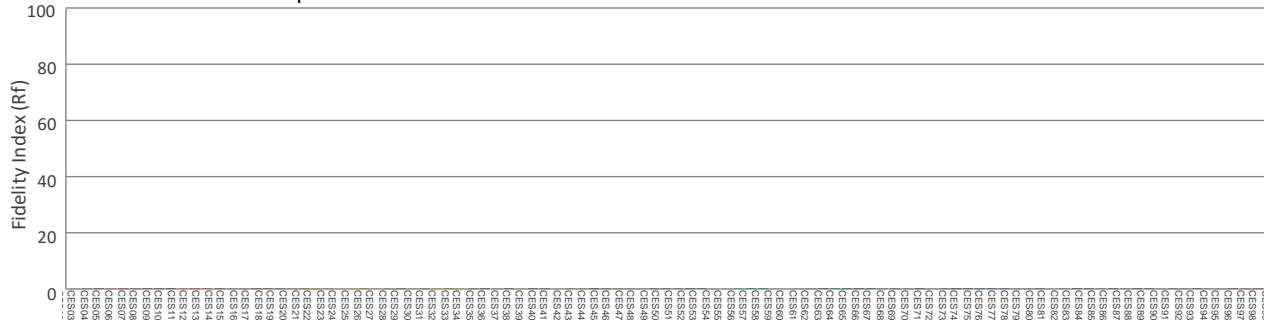
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Red

Report Summary

Measurements

Fixture Output: 2522 lm
Fixture Peak: 35861 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1434 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.7°
Field Angle (10%): 22.4°
Cutoff Angle (3%): 26.1°

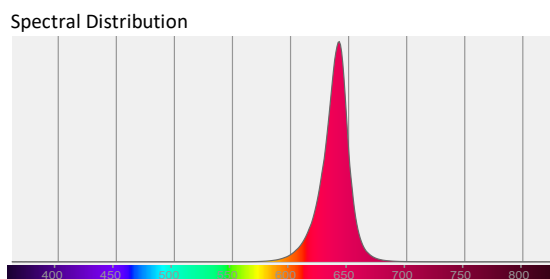
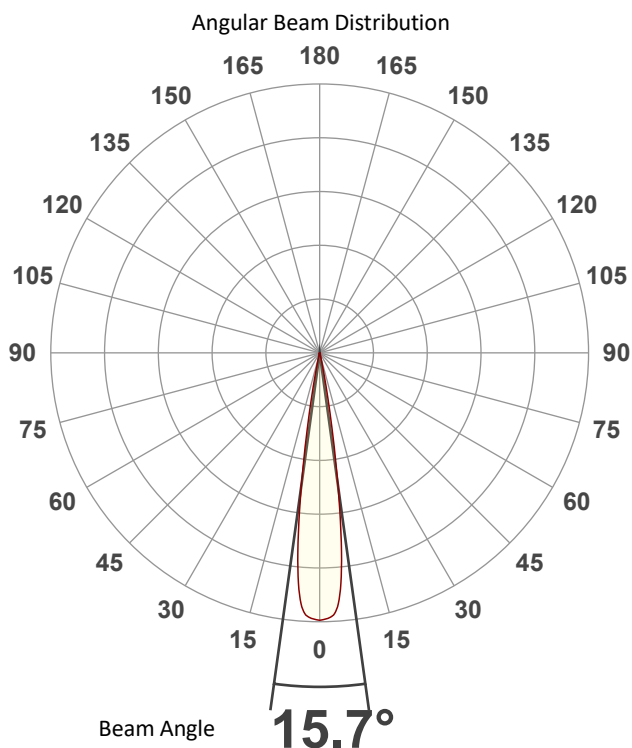


Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.296



Light Quality

CRI: 0.0

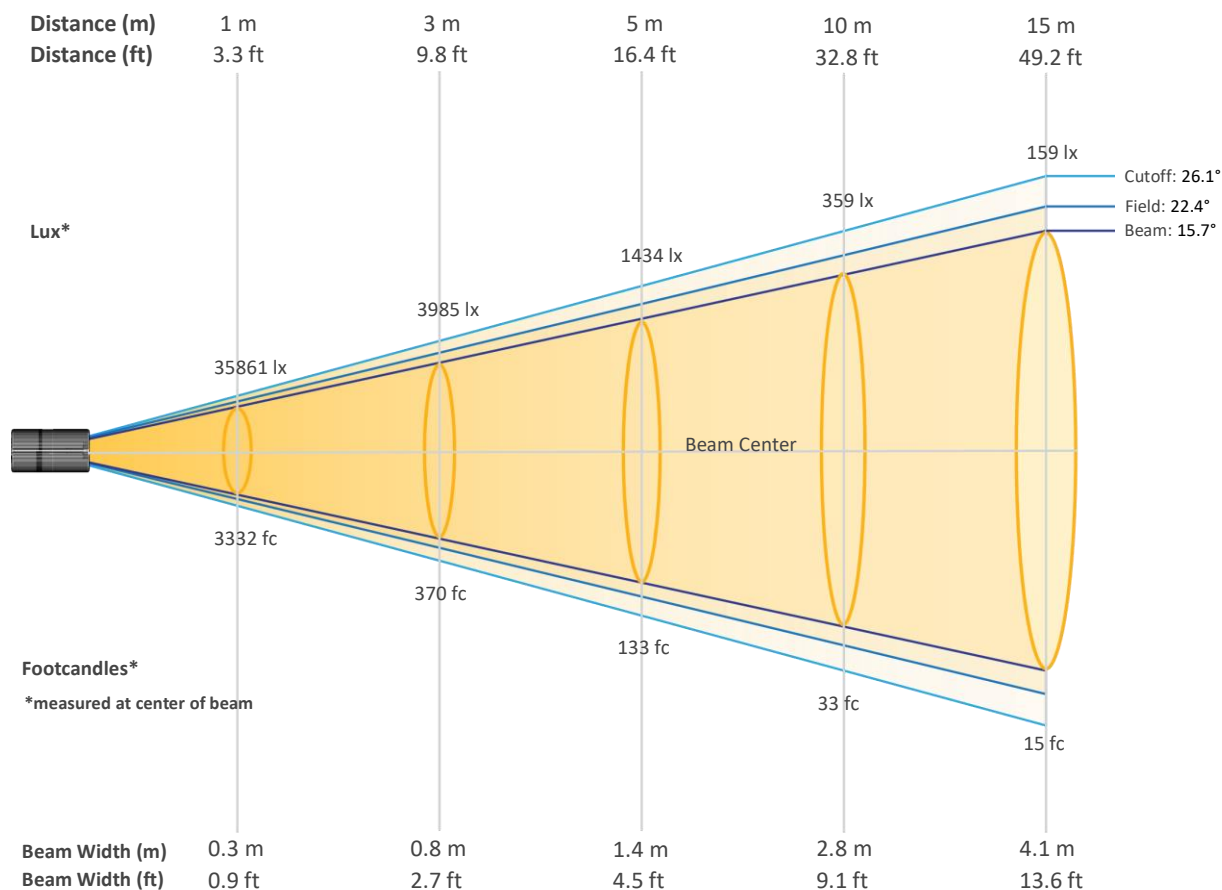
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

Beam Details

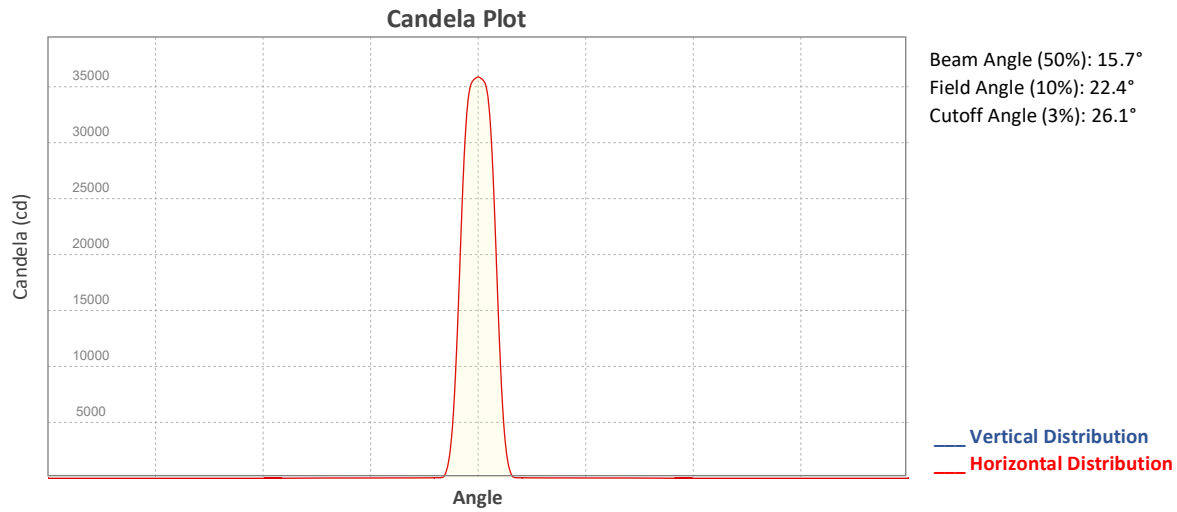


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35861	8965	3985	2241	1434	996	732	560	443	359
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	296	249	212	183	159	140	124	111	99	90
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3332	833	370	208	133	93	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	23	20	17	15	13	12	10	9	8

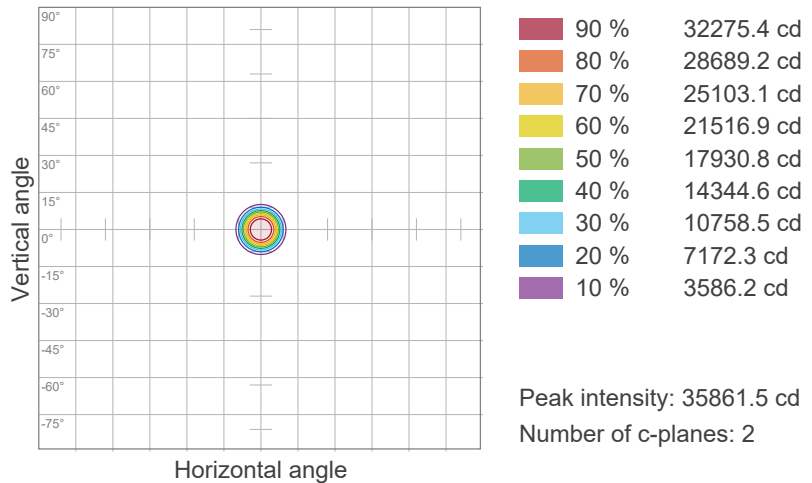
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

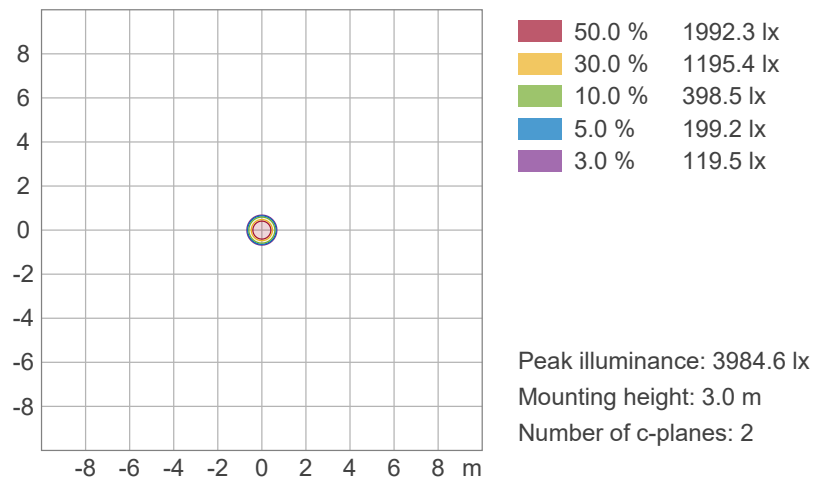


ISO Diagrams

ISO Candela Diagram



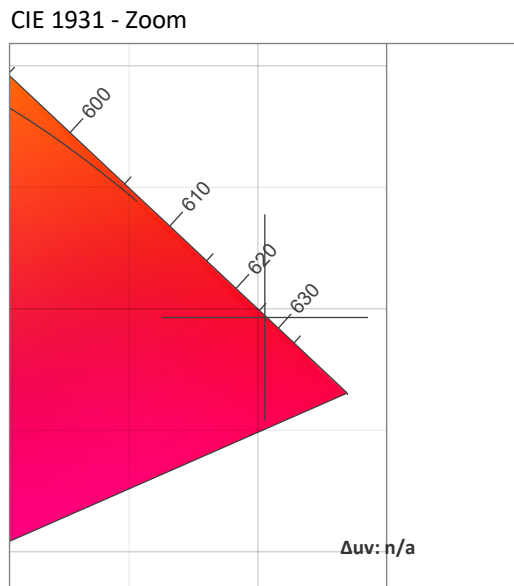
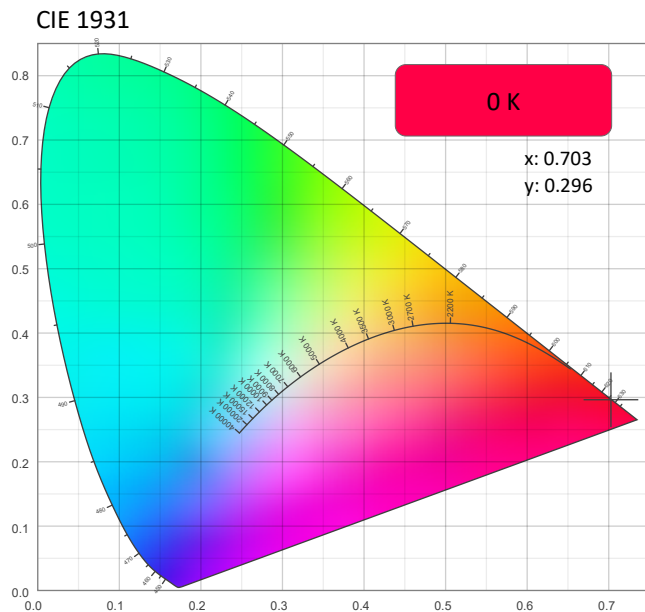
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.703	0.296

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.296	0.546

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

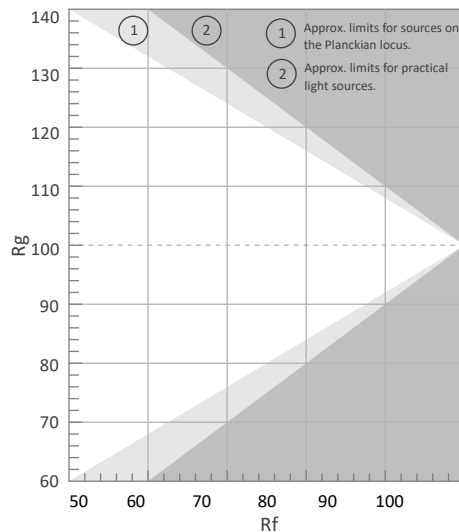
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

TM-30 Details

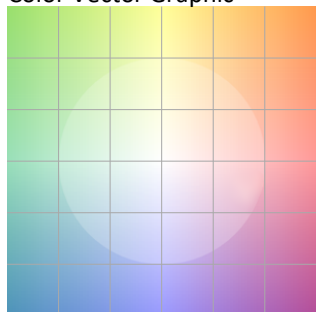
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

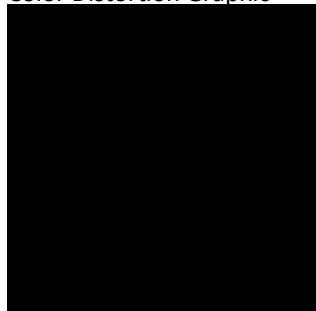
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



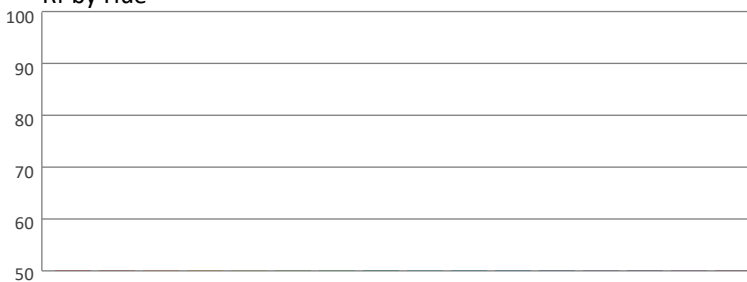
Color Vector Graphic



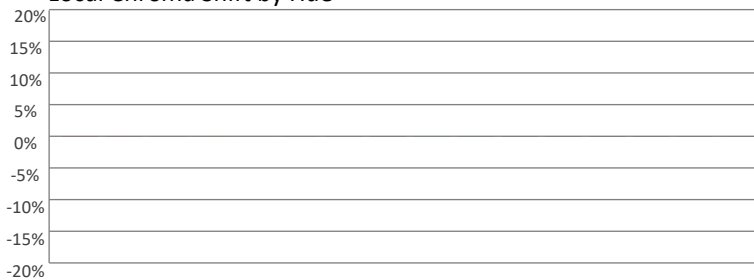
Color Distortion Graphic



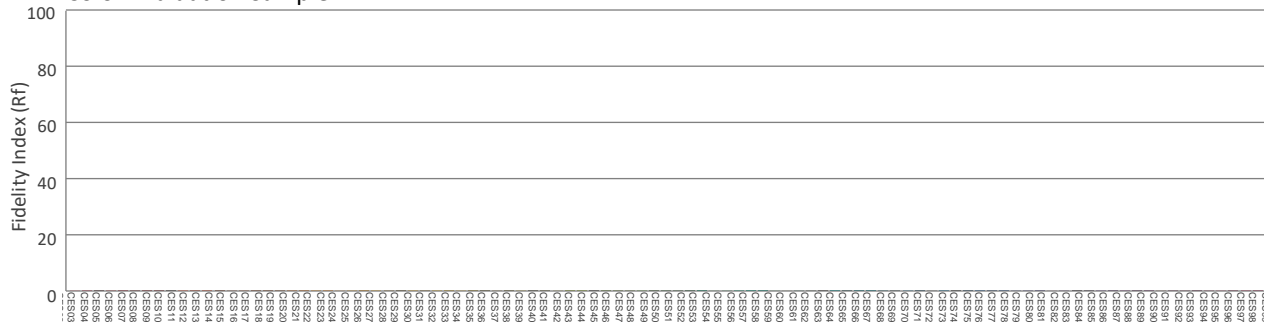
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Red - Cali On

Report Summary

Measurements

Fixture Output: 2551 lm
Fixture Peak: 36579 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1463 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.7°
Field Angle (10%): 22.3°
Cutoff Angle (3%): 25.9°

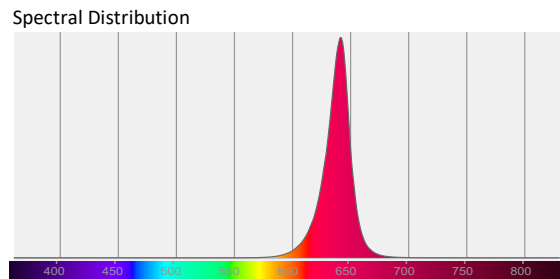
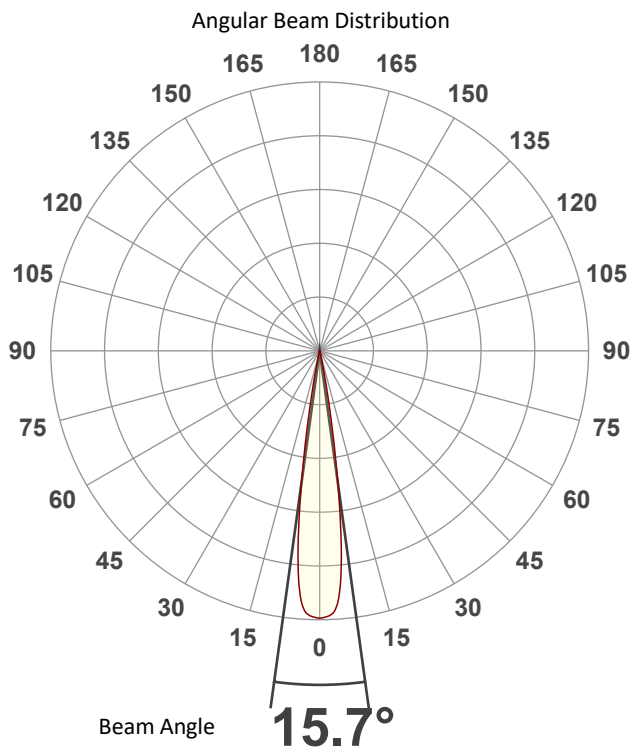


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.296



Light Quality

CRI: 0.0

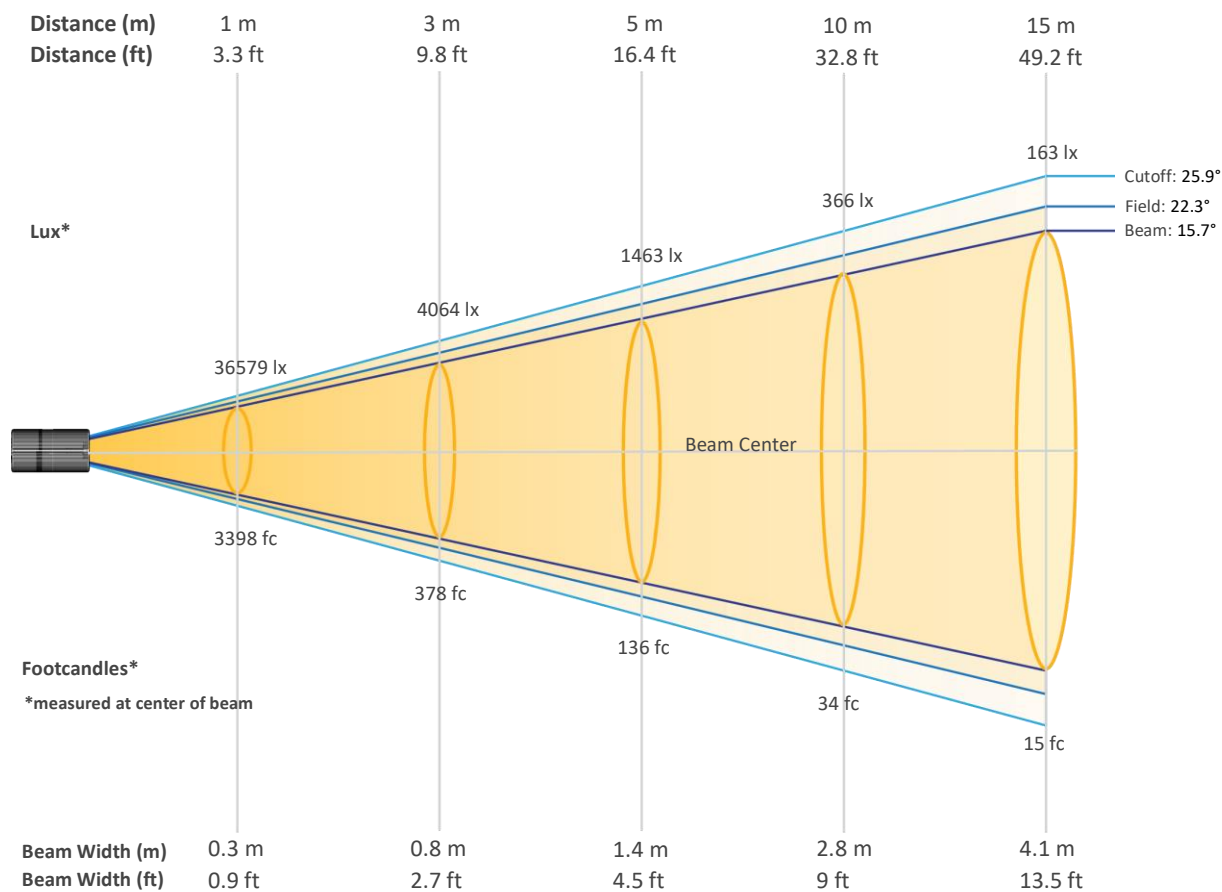
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

Beam Details

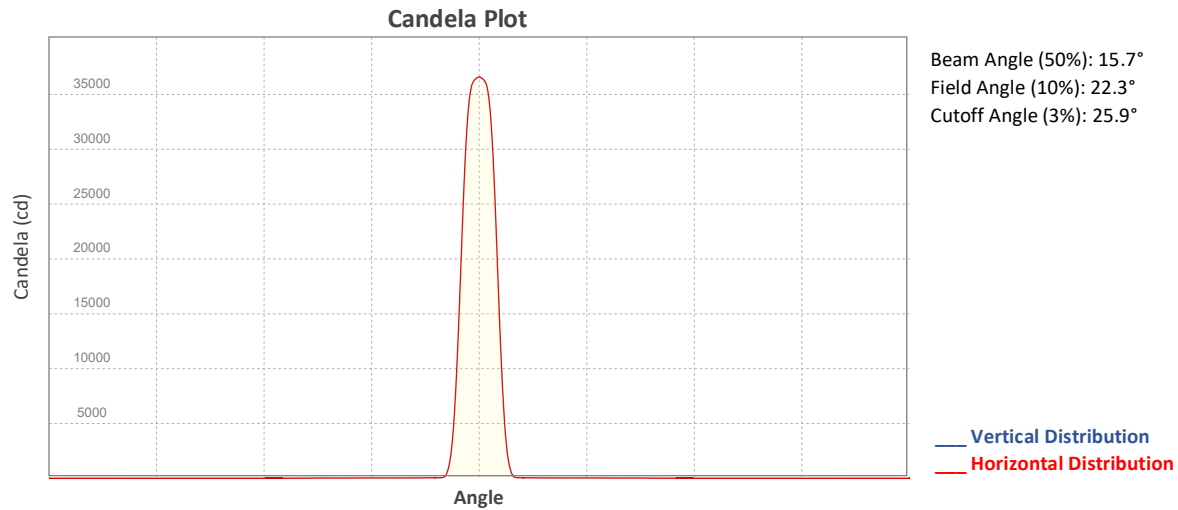


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	36579	9145	4064	2286	1463	1016	747	572	452	366
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	302	254	216	187	163	143	127	113	101	91
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3398	850	378	212	136	94	69	53	42	34
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	24	20	17	15	13	12	10	9	8

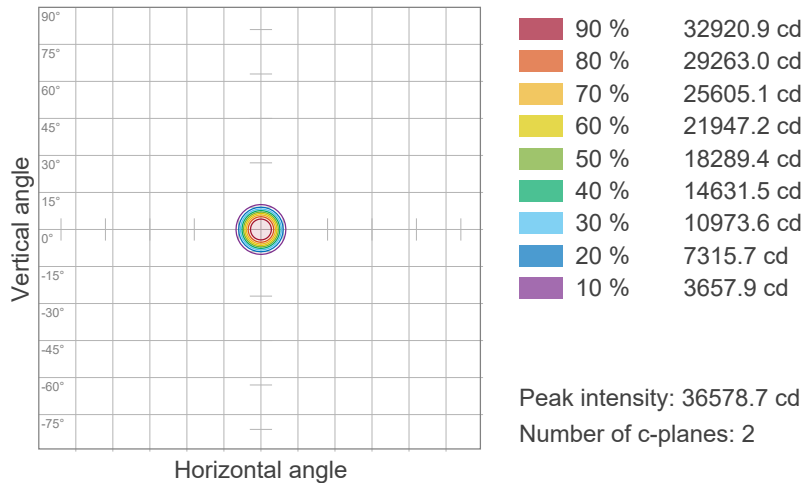
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

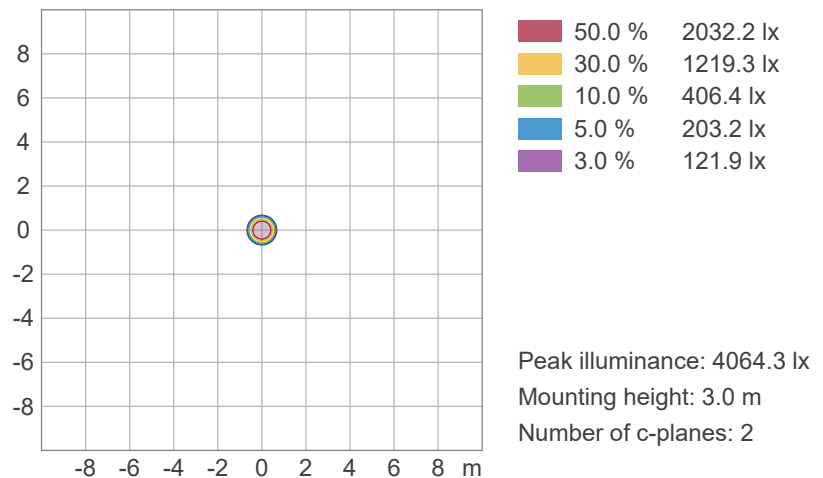


ISO Diagrams

ISO Candela Diagram



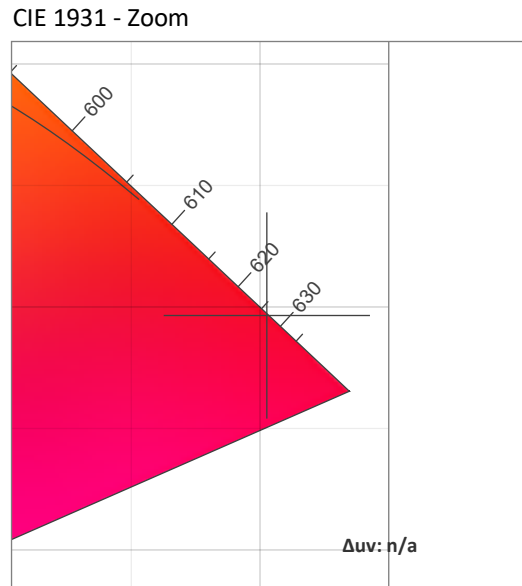
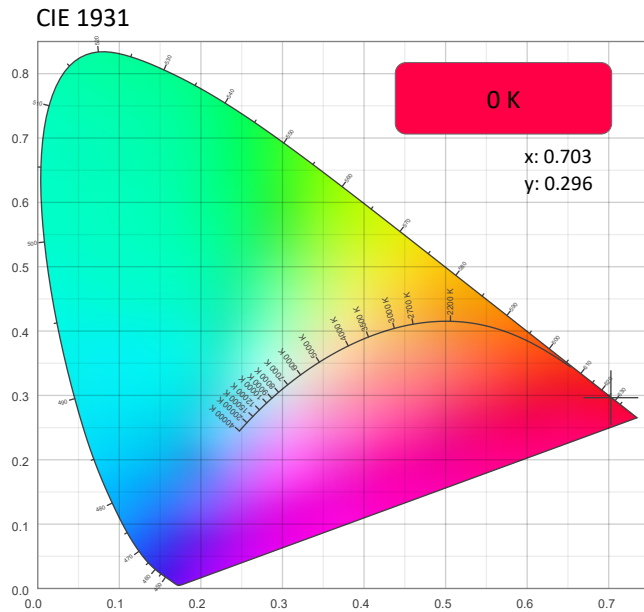
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.703	0.296

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.296	0.545

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

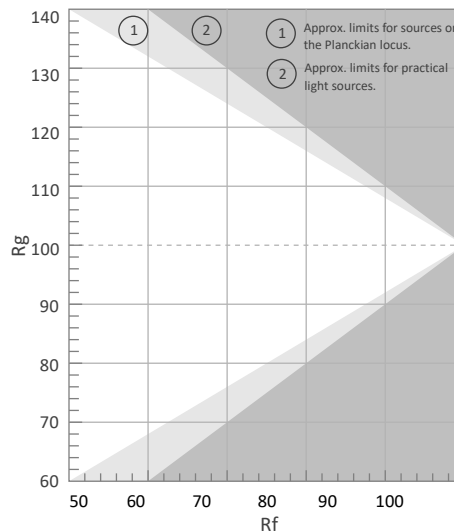
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Red Only

TM-30 Details

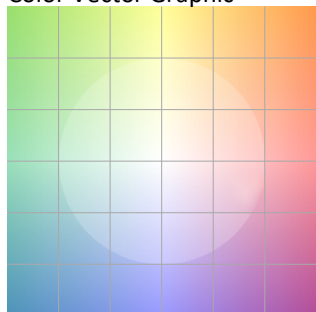
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

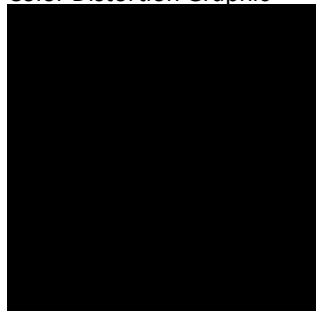
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



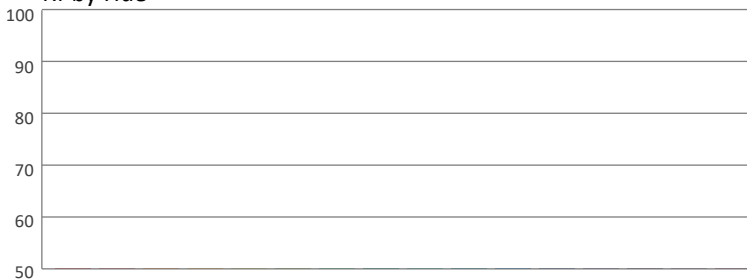
Color Vector Graphic



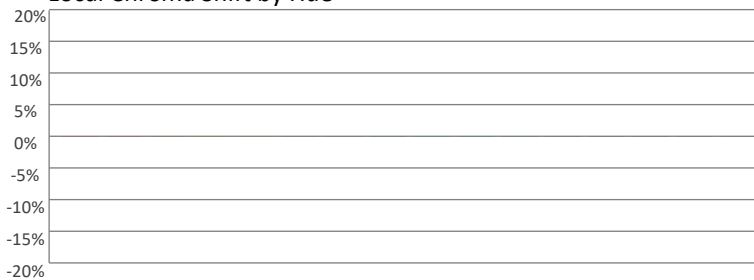
Color Distortion Graphic



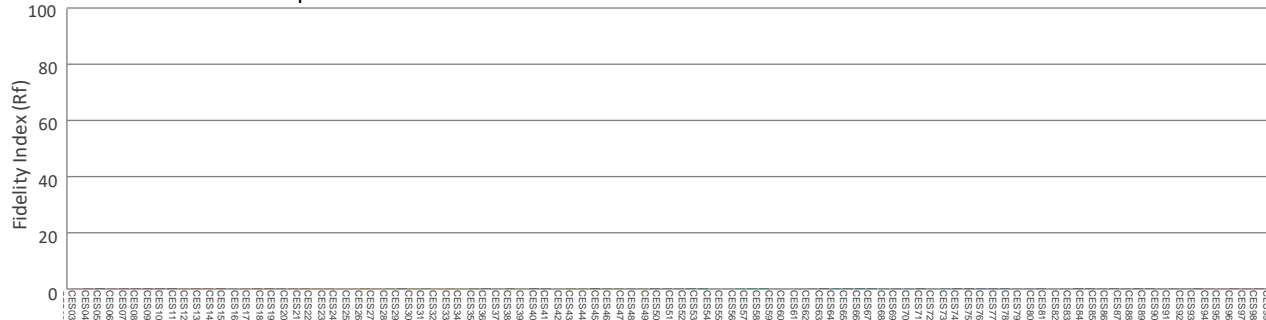
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Green

Report Summary

Measurements

Fixture Output: 4463 lm
Fixture Peak: 66495 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2660 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.5°
Field Angle (10%): 22°
Cutoff Angle (3%): 25.6°

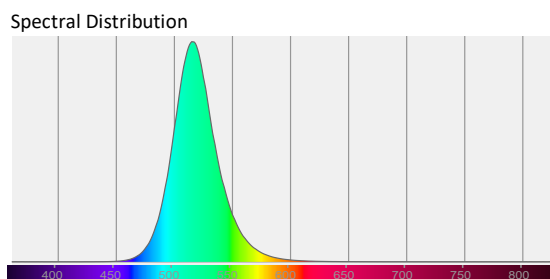
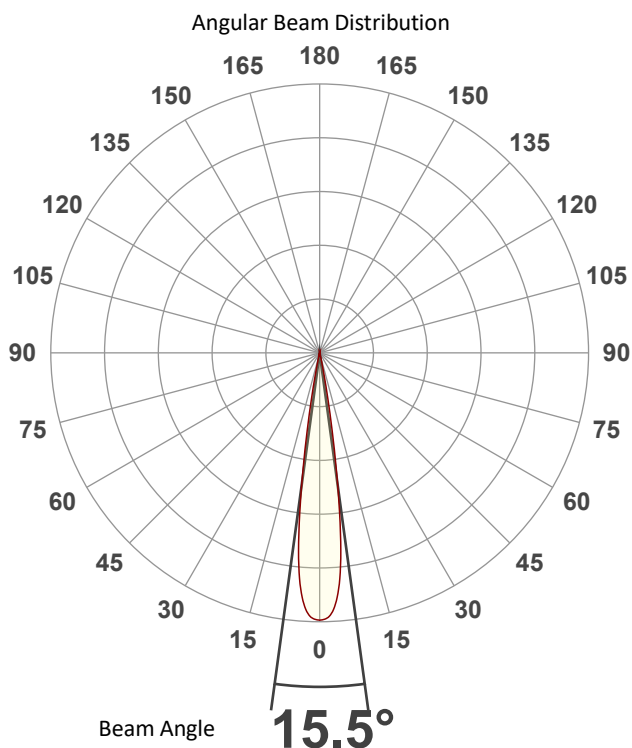


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.145

Y: 0.683



Light Quality

CRI: 0.0

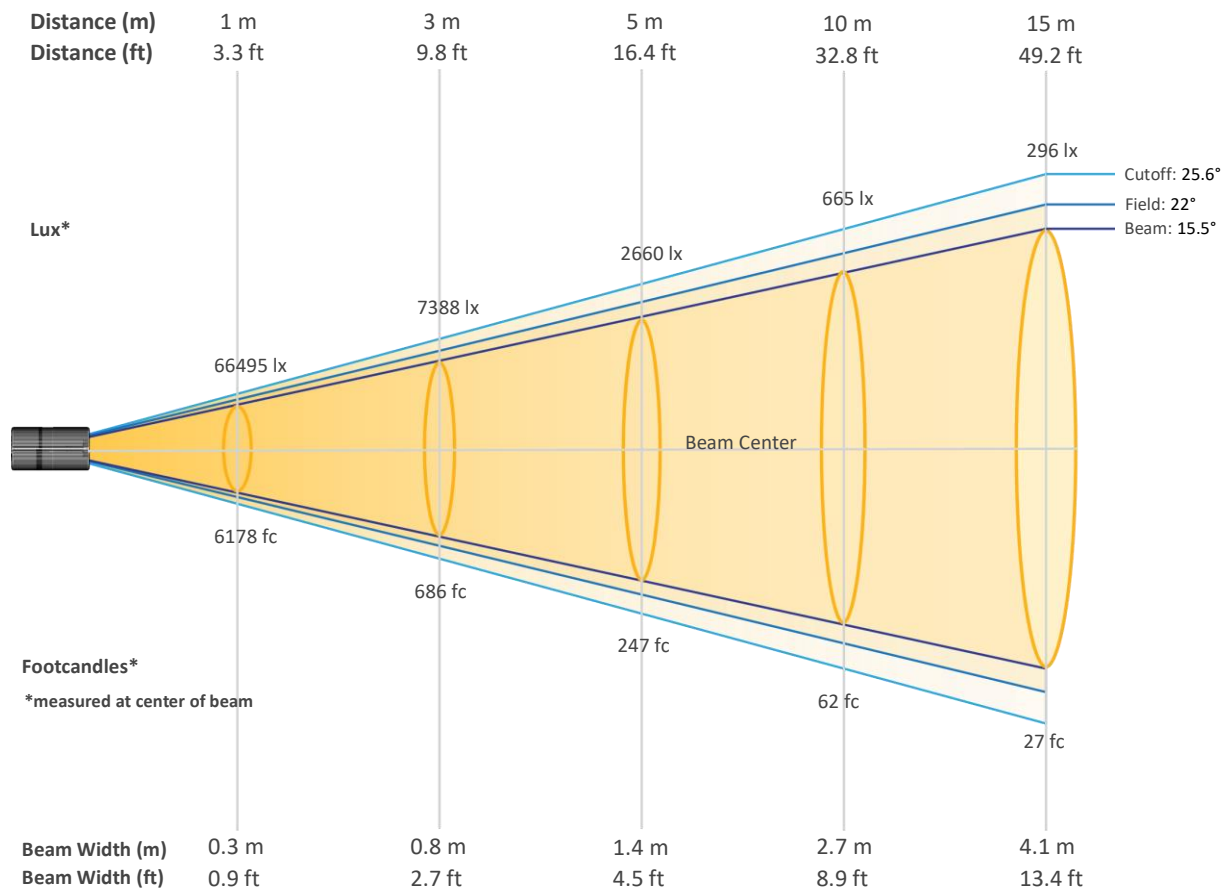
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

Beam Details

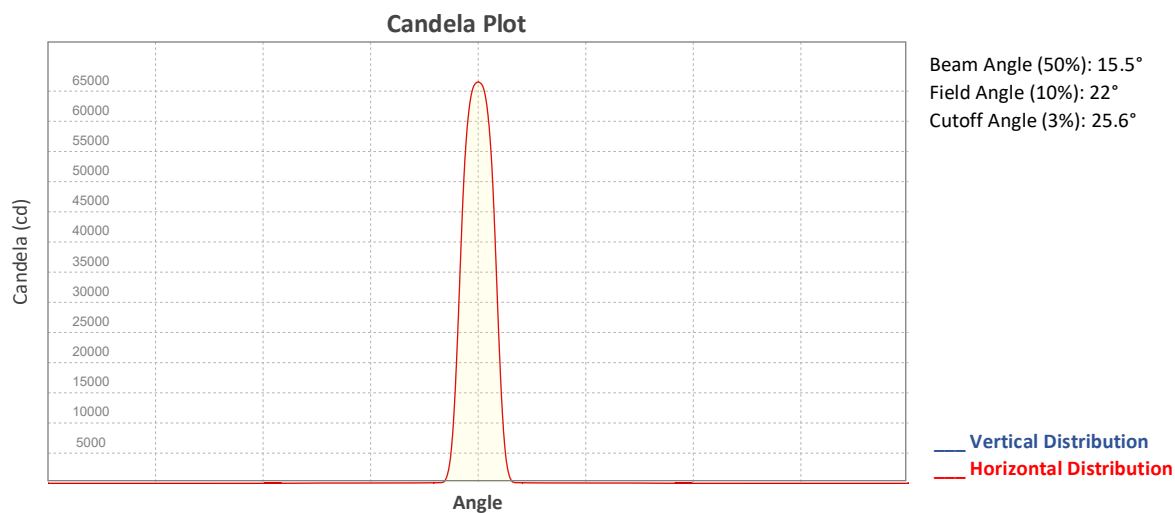


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	66495	16624	7388	4156	2660	1847	1357	1039	821	665
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	550	462	393	339	296	260	230	205	184	166
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6178	1544	686	386	247	172	126	97	76	62
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	51	43	37	32	27	24	21	19	17	15

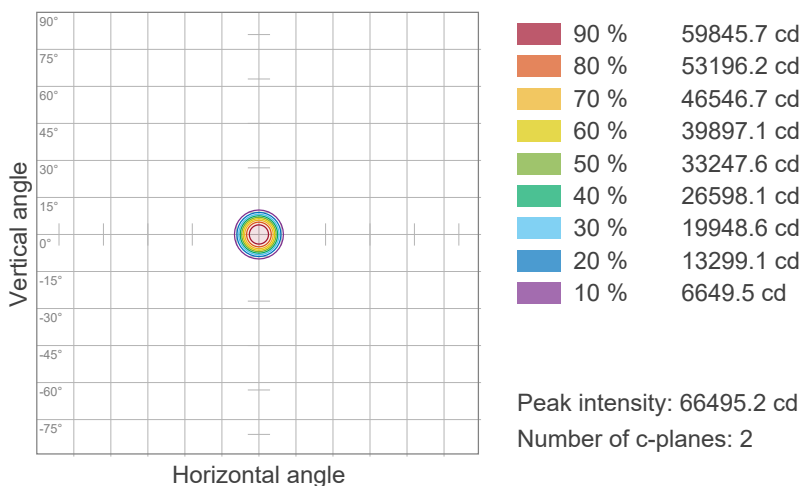
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

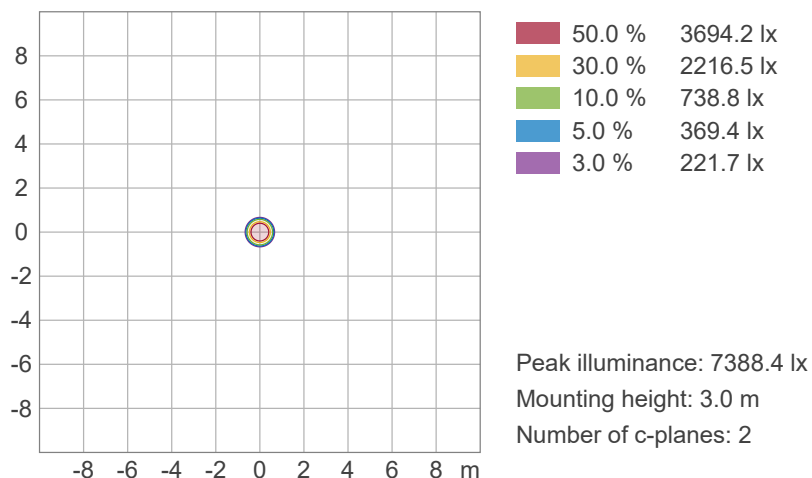


ISO Diagrams

ISO Candela Diagram



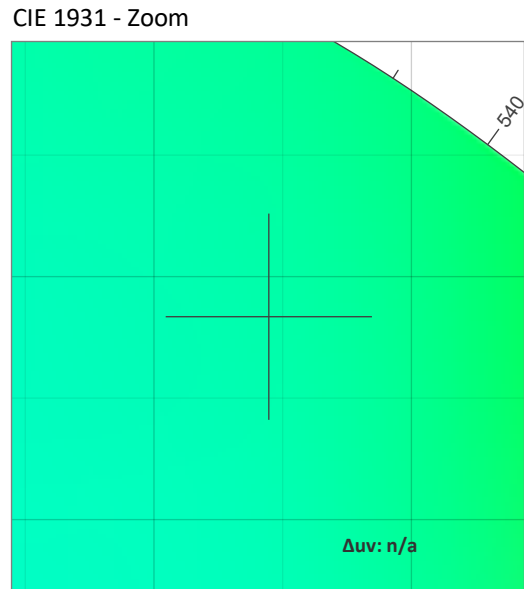
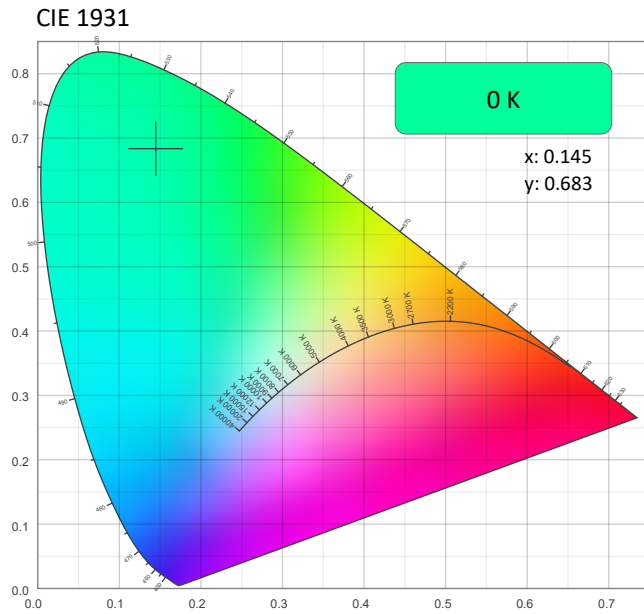
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.145	0.683

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.683	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

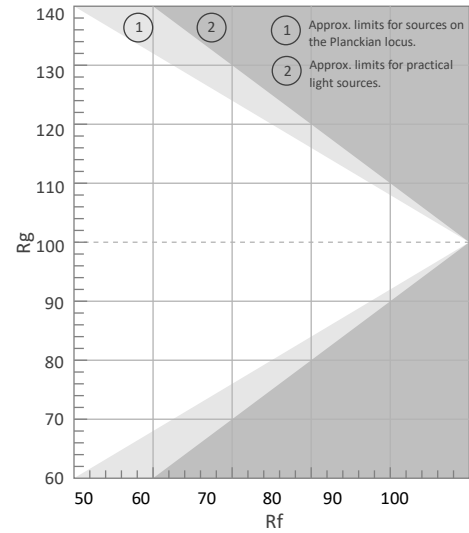
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

TM-30 Details

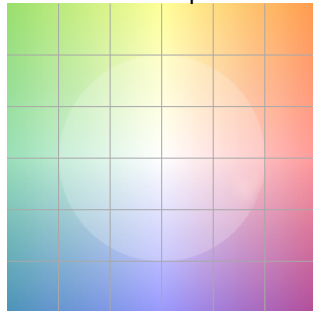
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



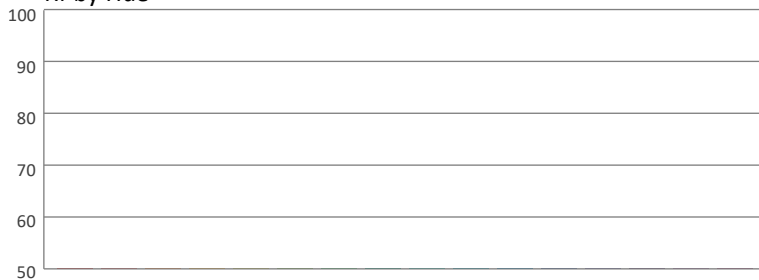
Color Vector Graphic



Color Distortion Graphic



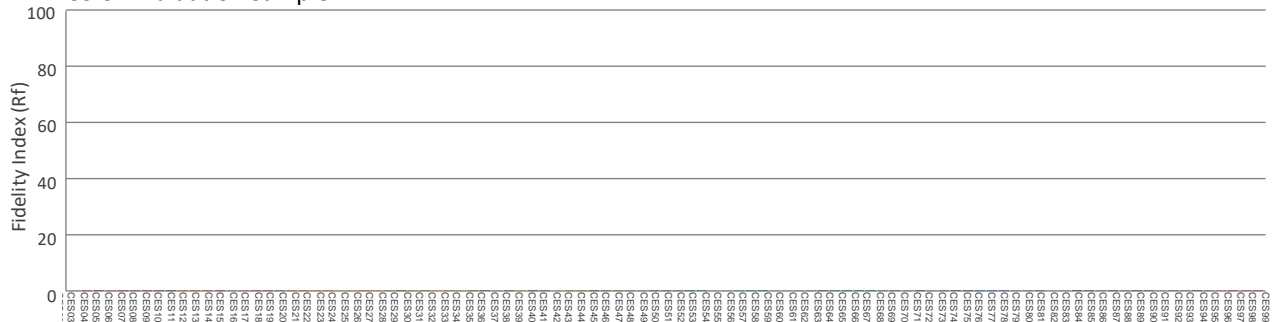
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Green - Cali On

Report Summary

Measurements

Fixture Output: 4661 lm
Fixture Peak: 66509 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2660 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.9°
Field Angle (10%): 22.7°
Cutoff Angle (3%): 25.8°

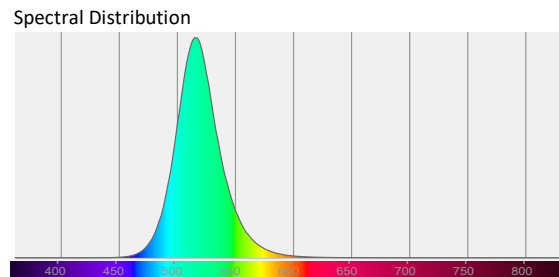
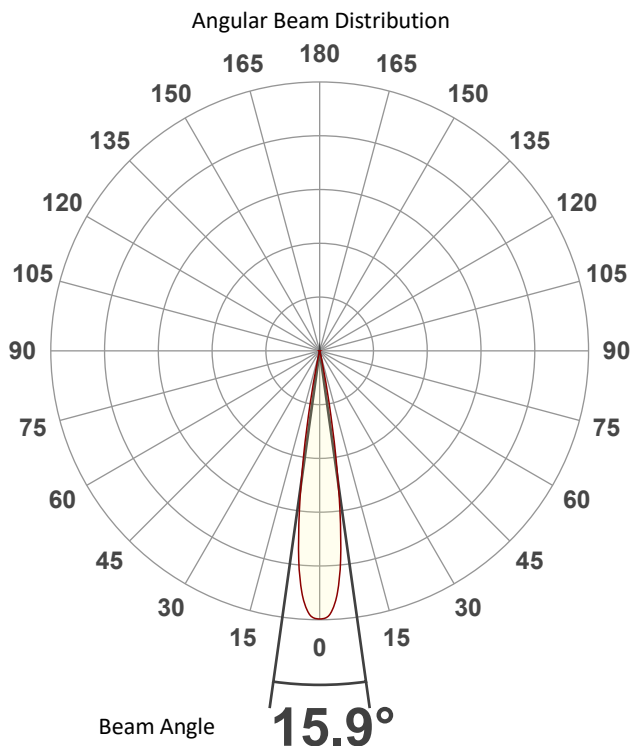


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.145

Y: 0.683



Light Quality

CRI: 0.0

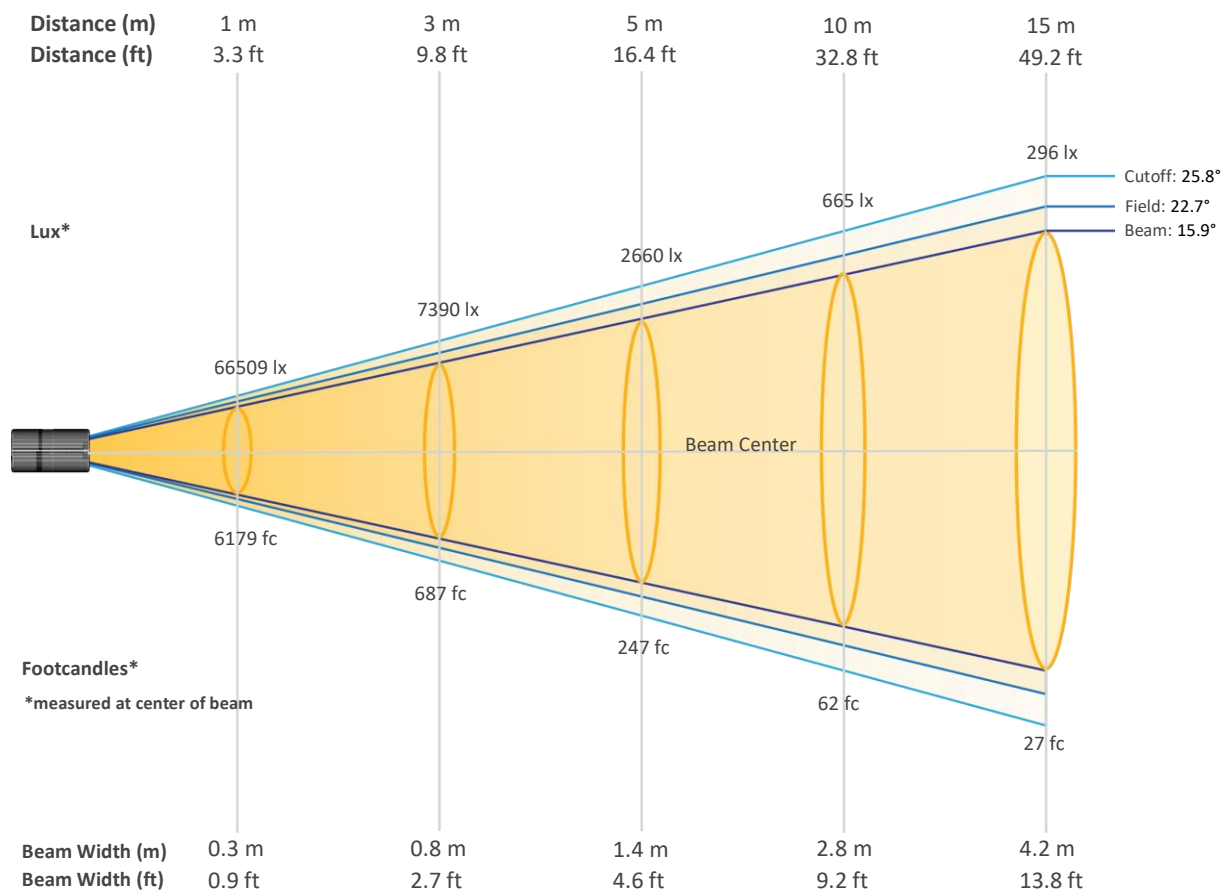
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

Beam Details

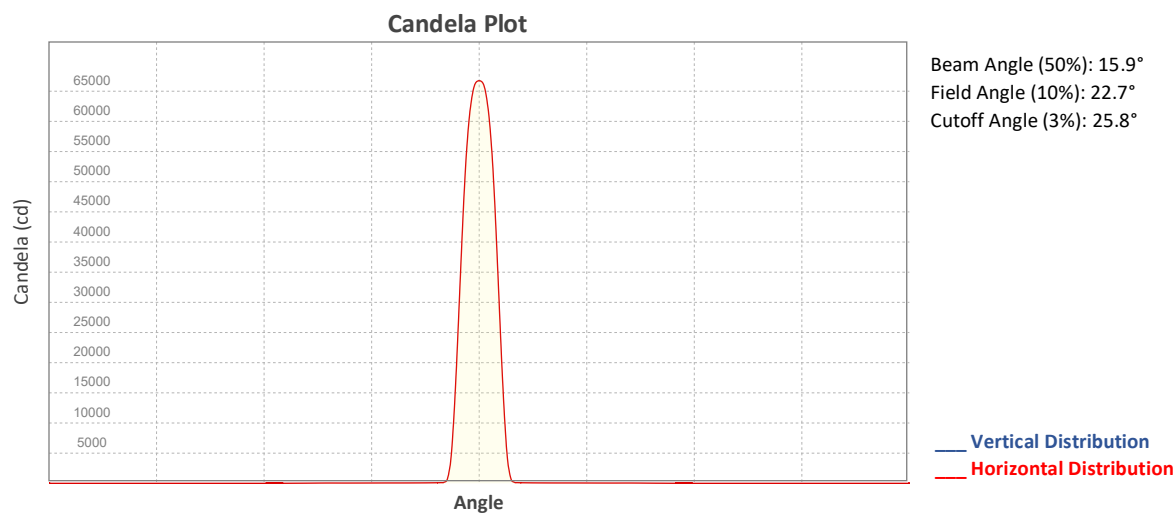


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	66509	16627	7390	4157	2660	1847	1357	1039	821	665
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	550	462	394	339	296	260	230	205	184	166
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6179	1545	687	386	247	172	126	97	76	62
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	51	43	37	32	27	24	21	19	17	15

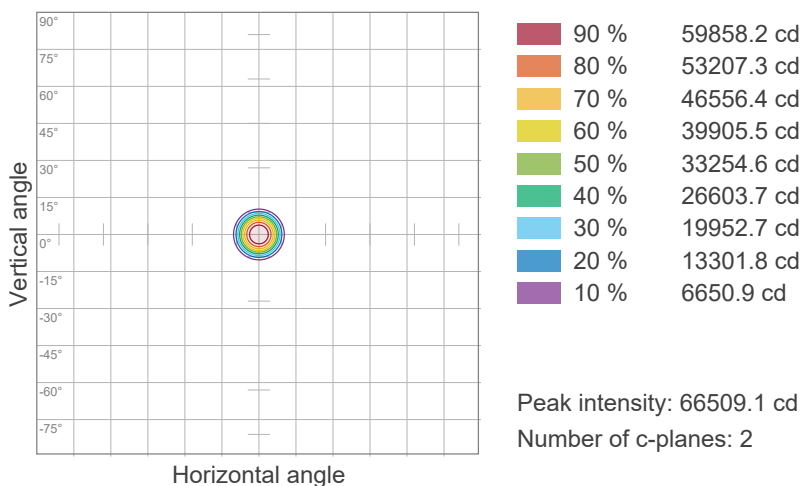
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

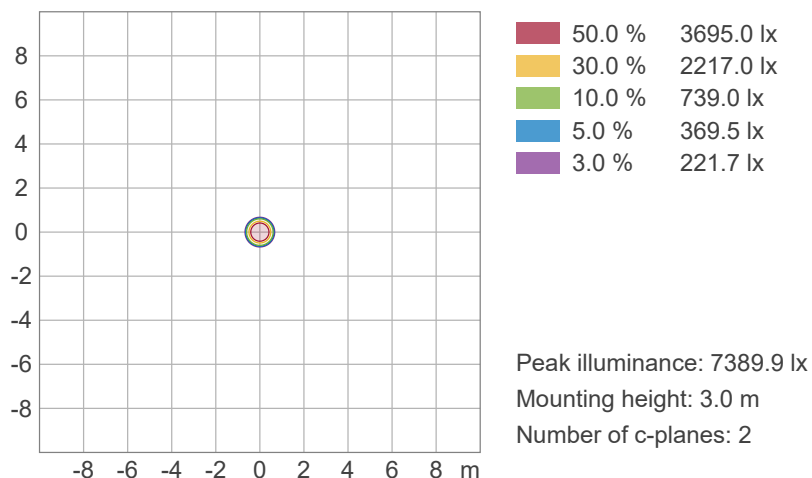


ISO Diagrams

ISO Candela Diagram



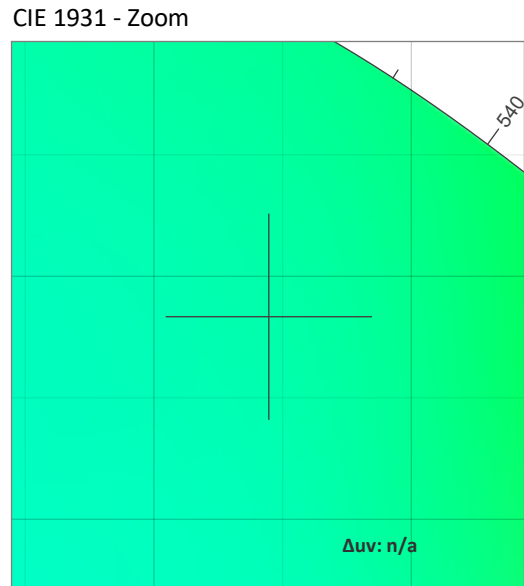
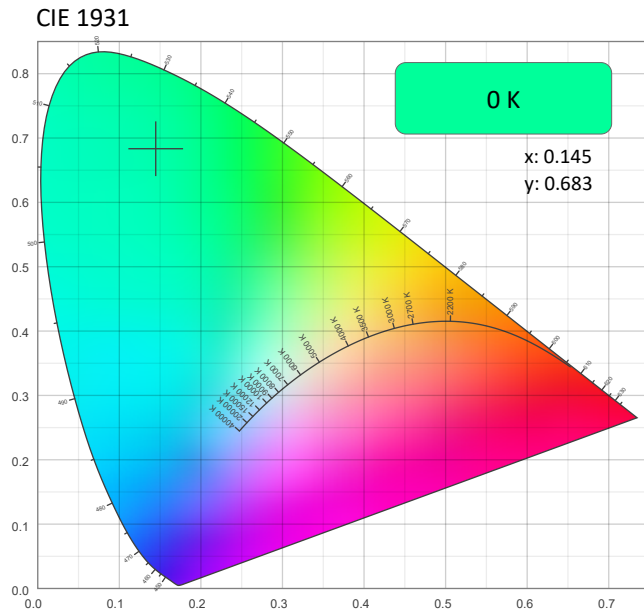
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.145	0.683

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.683	0.053

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

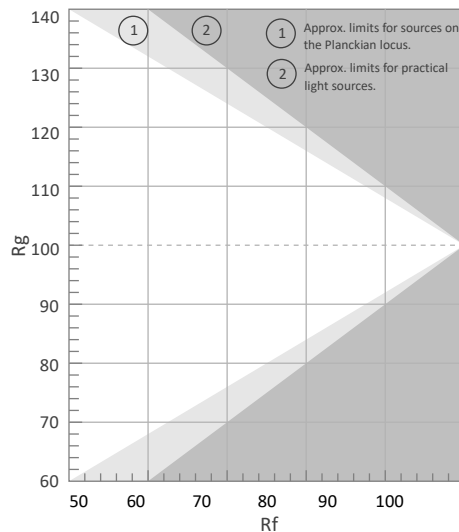
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Green Only

TM-30 Details

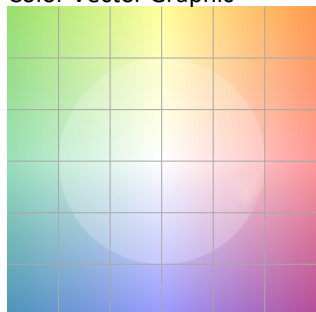
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

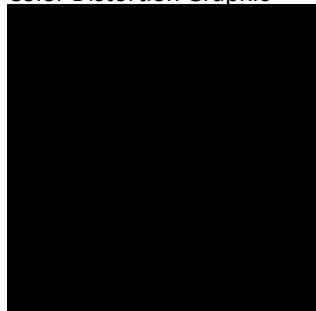
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



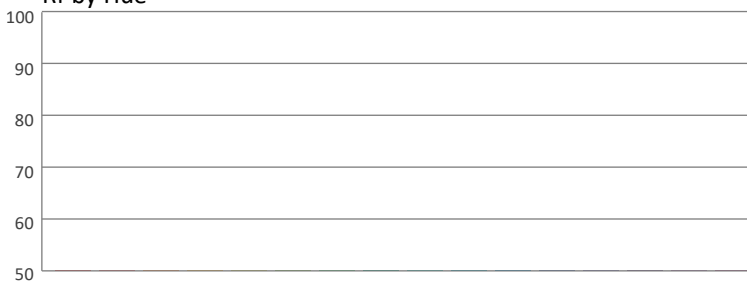
Color Vector Graphic



Color Distortion Graphic



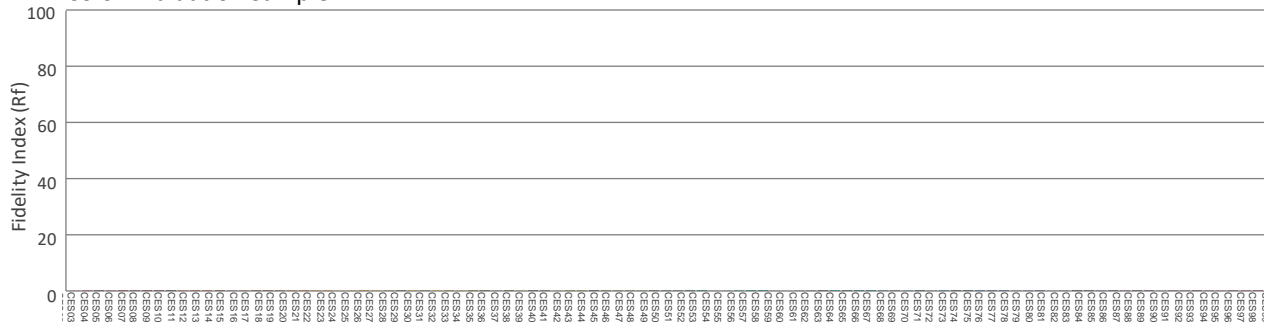
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Blue

Report Summary

Measurements

Fixture Output: 1455 lm
Fixture Peak: 20291 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 812 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.8°
Field Angle (10%): 22.6°
Cutoff Angle (3%): 25.5°

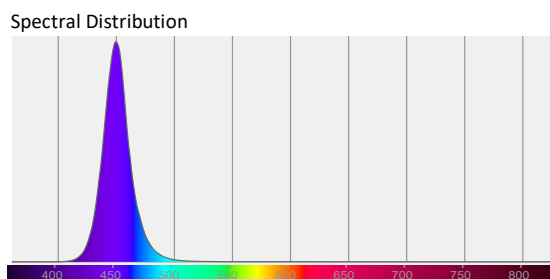
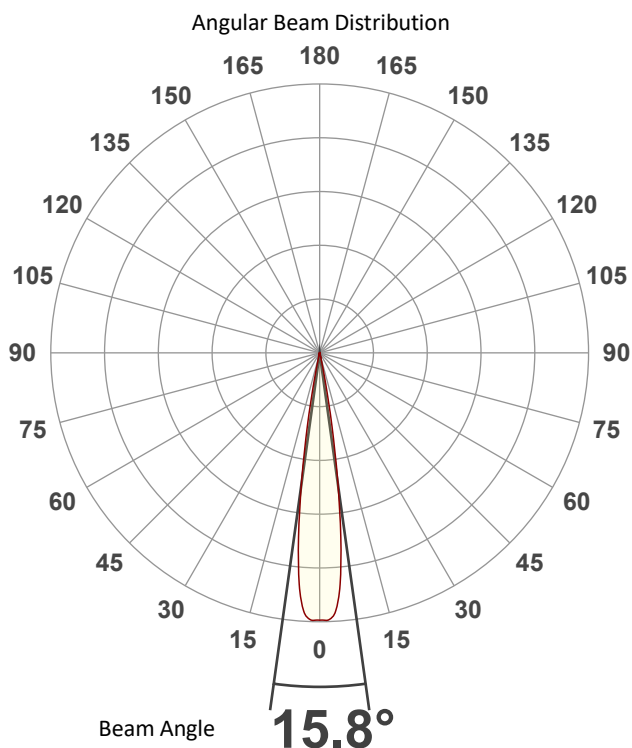


Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.154

Y: 0.025



Light Quality

CRI: 0.0

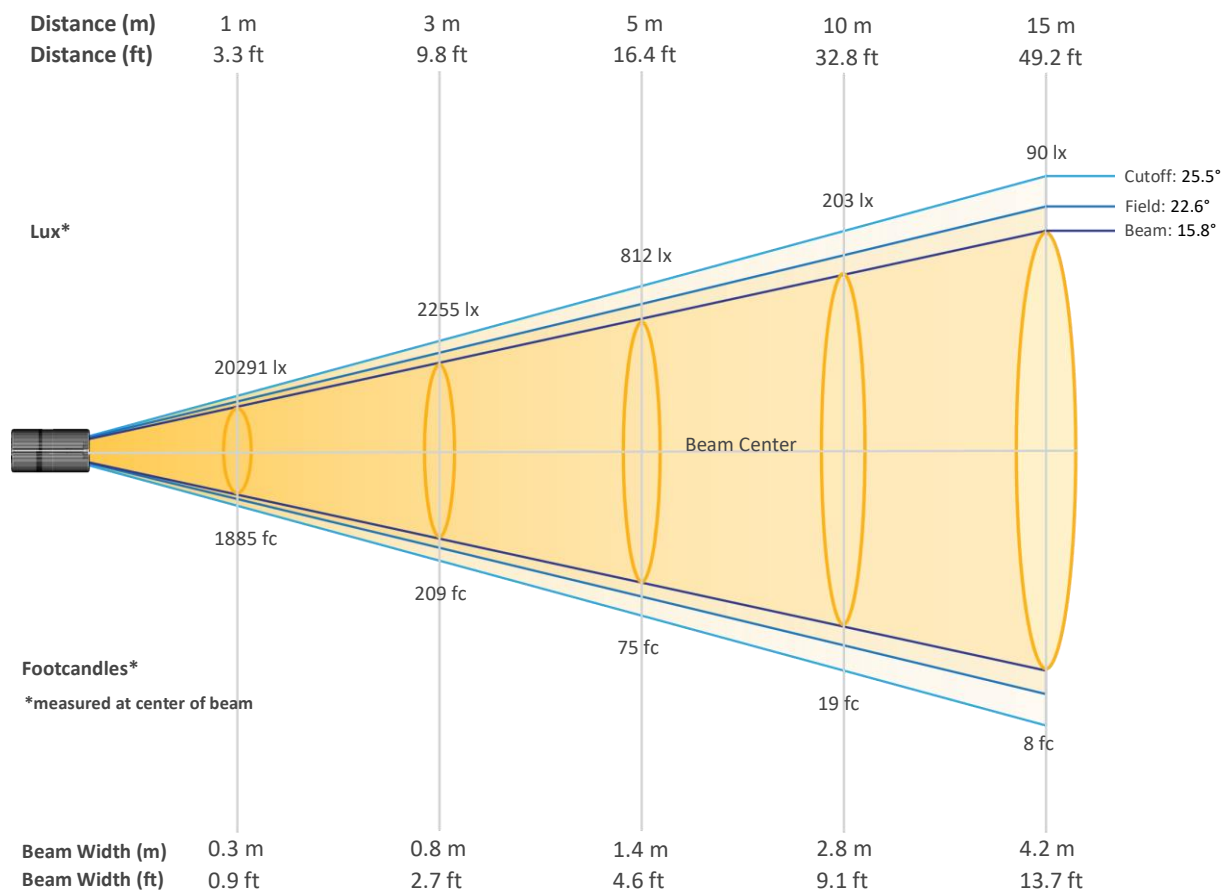
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

Beam Details

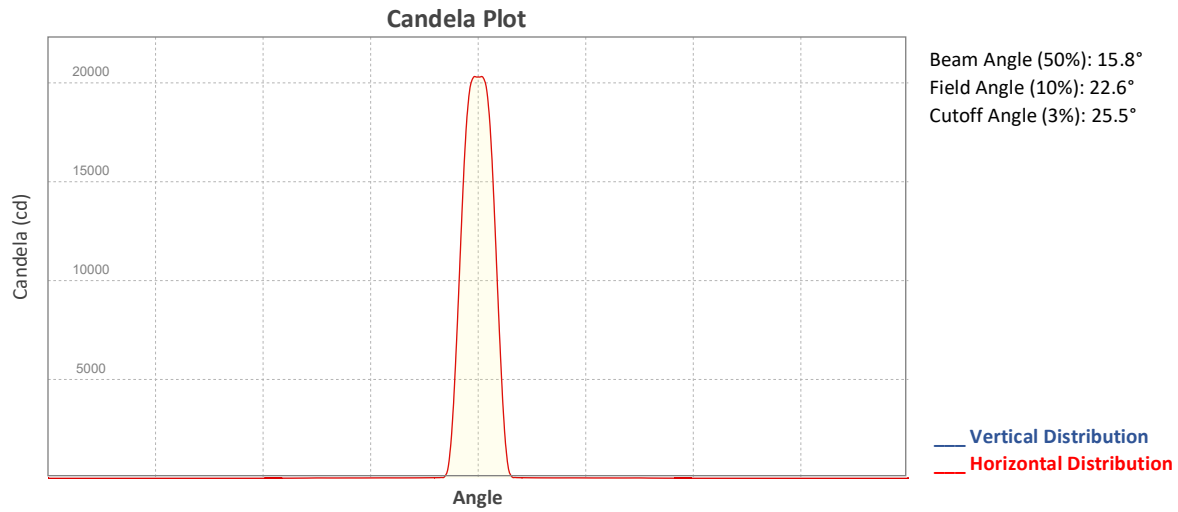


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20291	5073	2255	1268	812	564	414	317	251	203
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	168	141	120	104	90	79	70	63	56	51
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1885	471	209	118	75	52	38	29	23	19
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	16	13	11	10	8	7	7	6	5	5

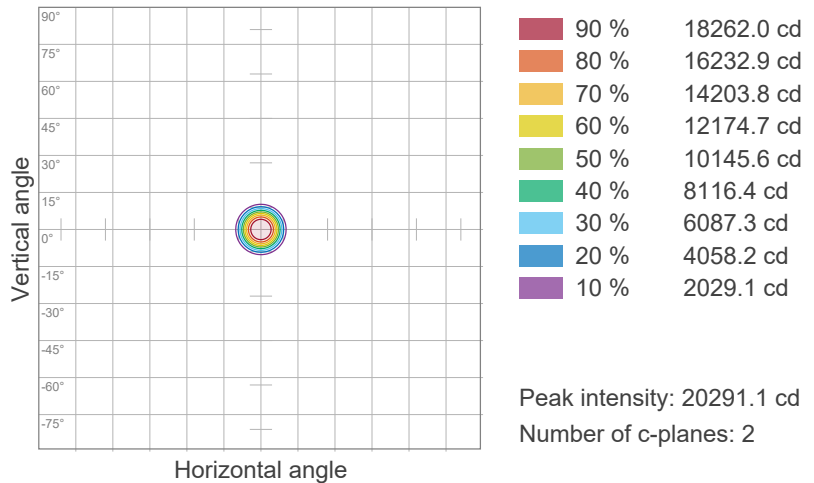
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

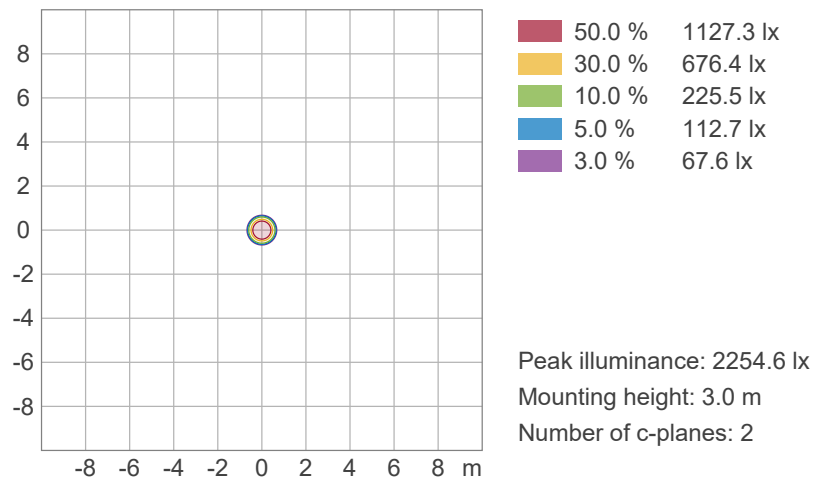


ISO Diagrams

ISO Candela Diagram



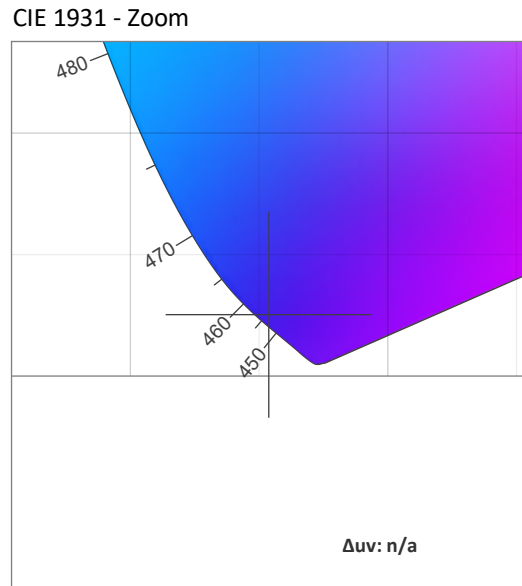
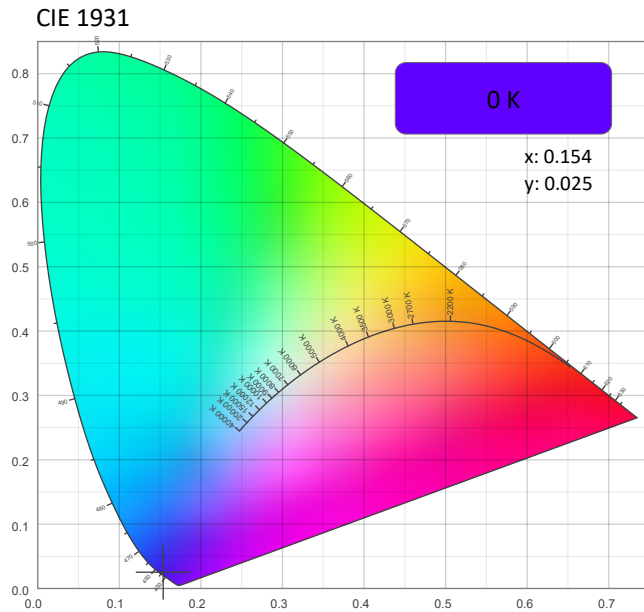
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

Chromaticity



CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.154	0.025

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.025	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

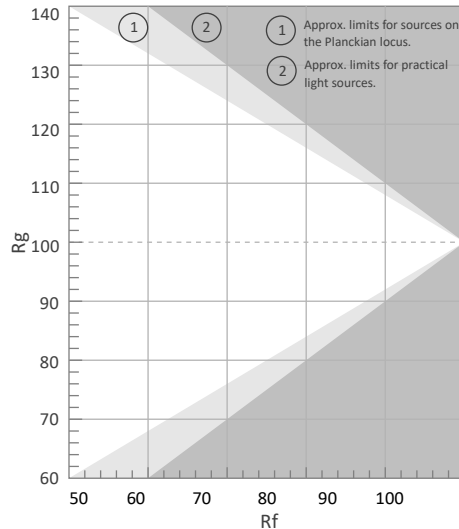
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

TM-30 Details

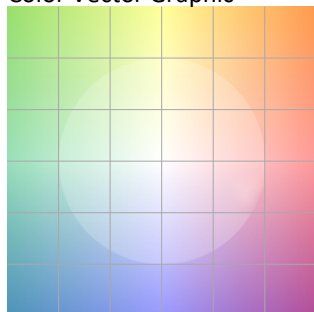
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

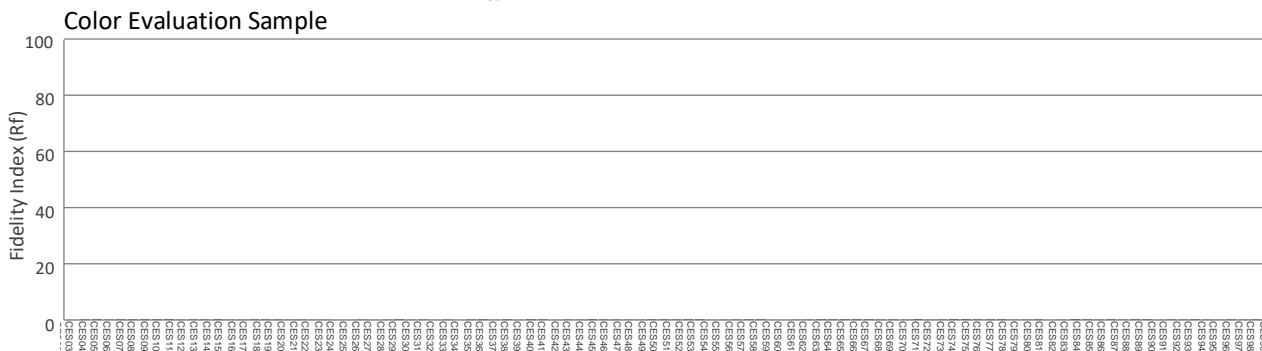
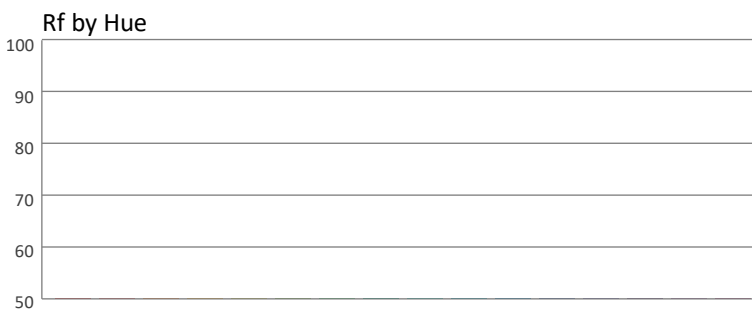
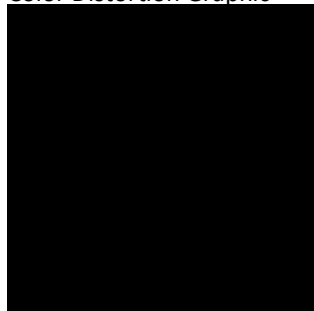
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - Blue - Cali On

Report Summary

Measurements

Fixture Output: 1484 lm
Fixture Peak: 20456 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 818 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 15.9°
Field Angle (10%): 22.6°
Cutoff Angle (3%): 25.6°

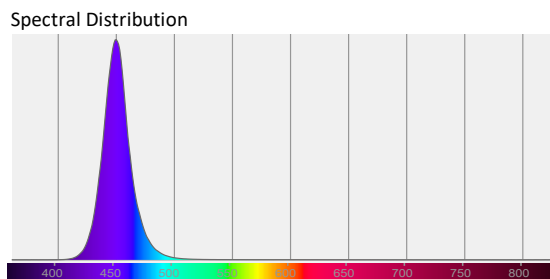
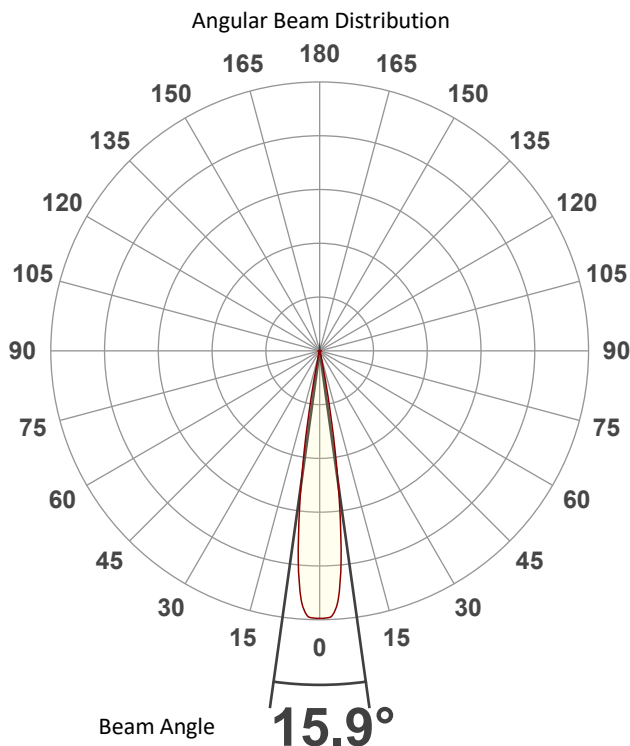


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.154
Y: 0.025

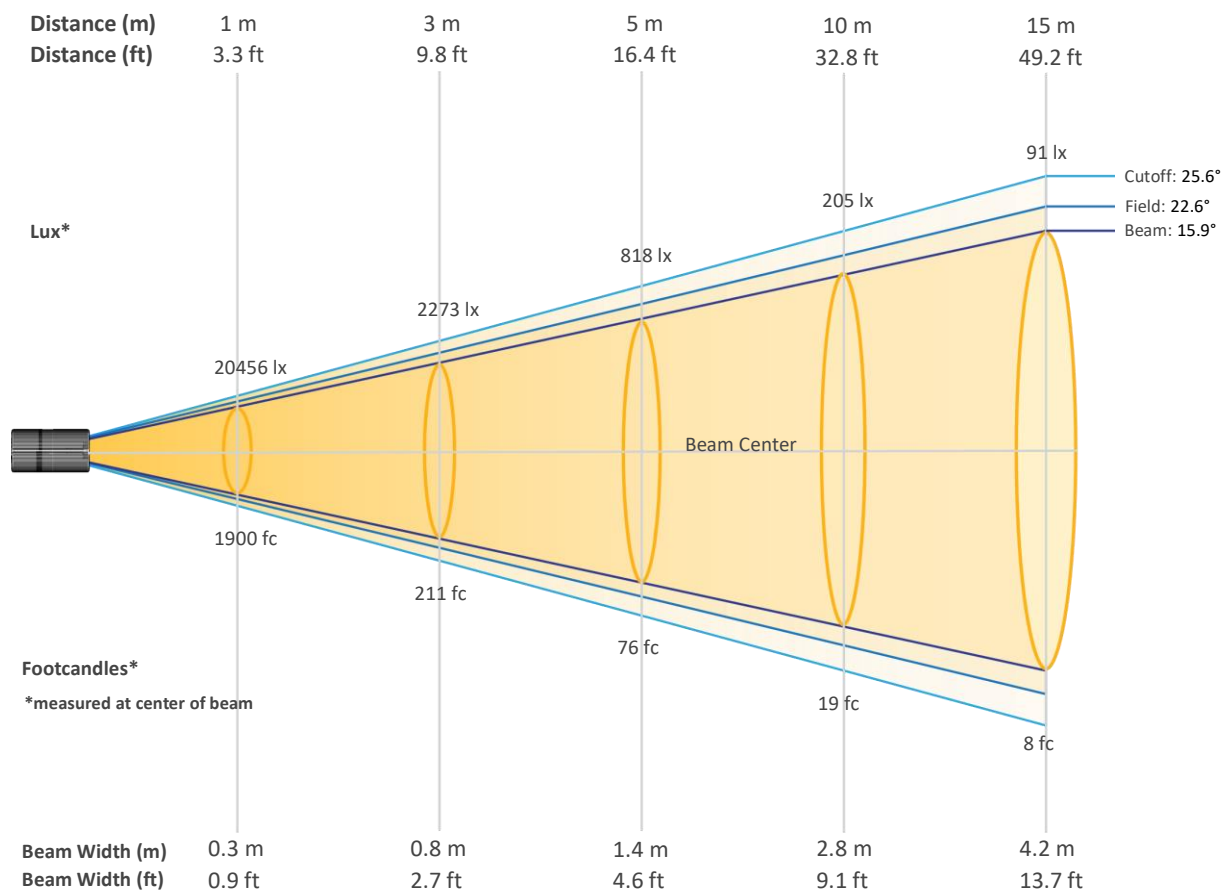
Light Quality
CRI: 0.0

Color Temperature
0 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

Beam Details

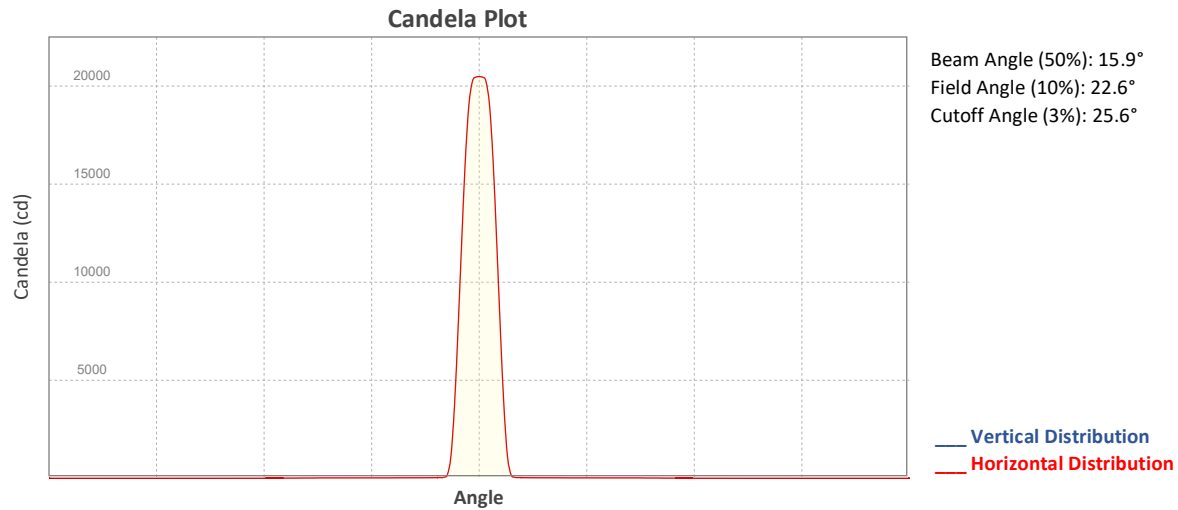


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20456	5114	2273	1278	818	568	417	320	253	205
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	169	142	121	104	91	80	71	63	57	51
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1900	475	211	119	76	53	39	30	23	19
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	16	13	11	10	8	7	7	6	5	5

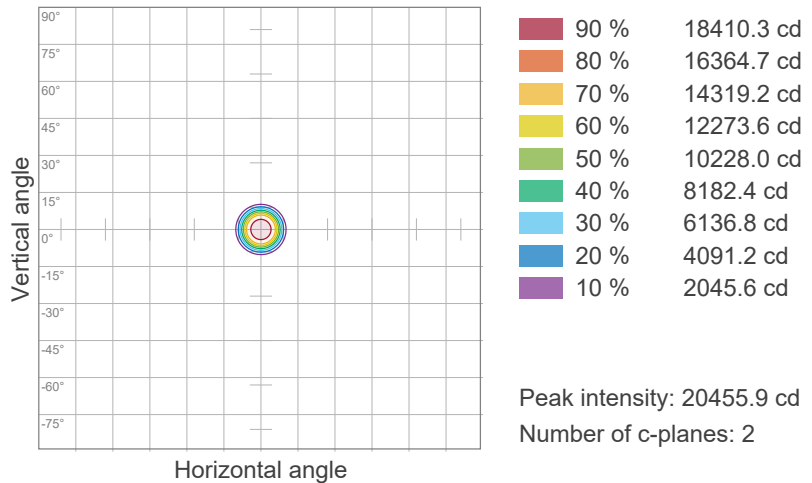
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

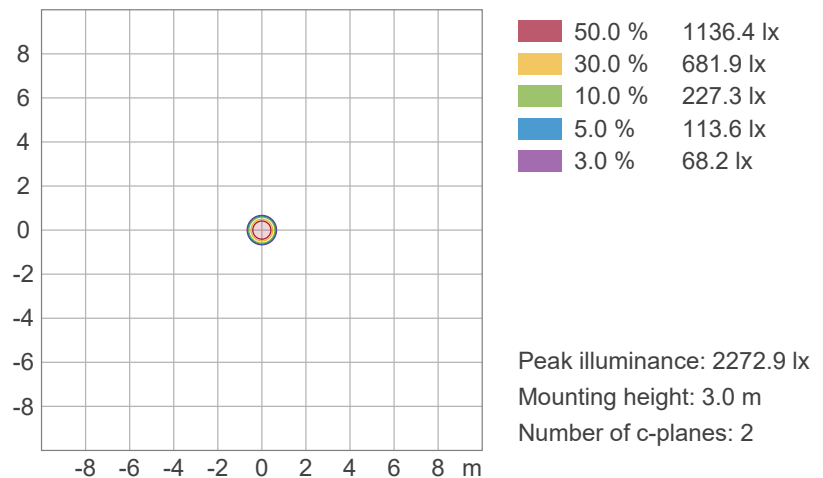


ISO Diagrams

ISO Candela Diagram



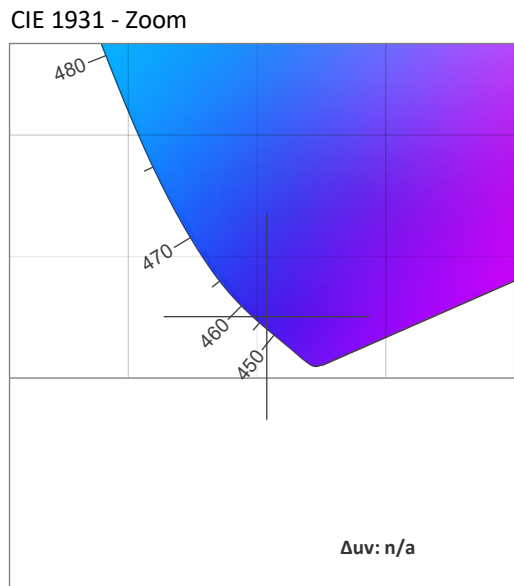
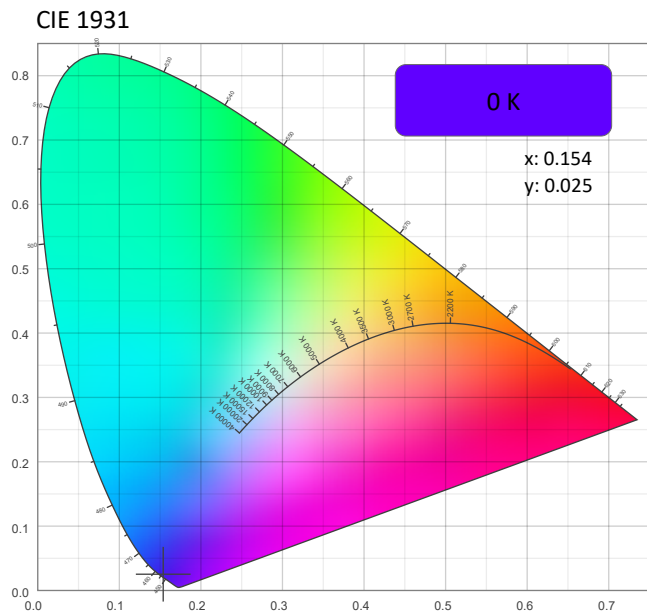
ISO Lux Diagram



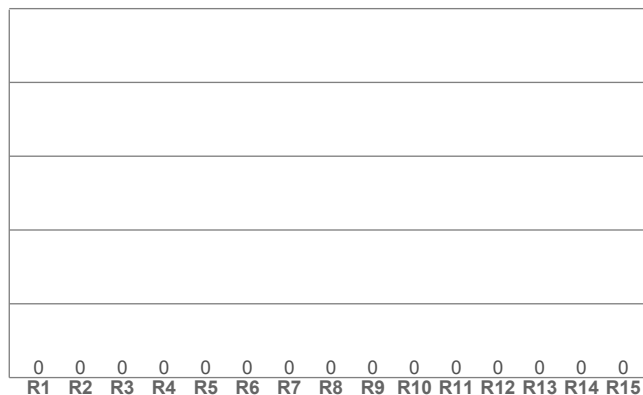
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

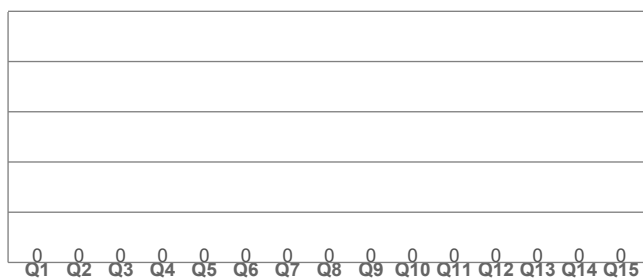
Chromaticity



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.154	0.025

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.025	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

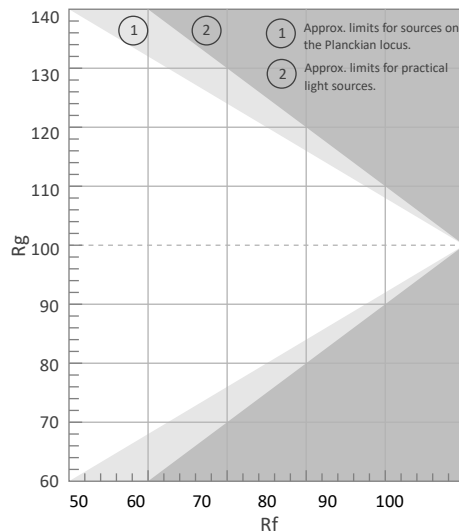
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - Blue Only

TM-30 Details

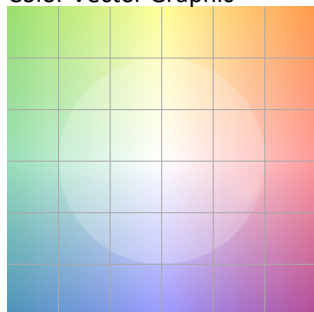
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



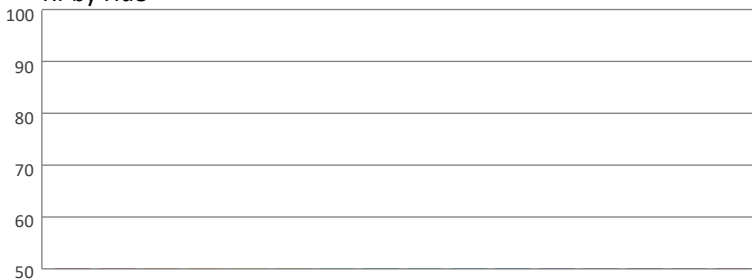
Color Vector Graphic



Color Distortion Graphic



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - White

Report Summary

Measurements

Fixture Output: 6620 lm
Fixture Peak: 93004 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3720 lux
Color Temperature: 7831 K
CRI: 71.6 CRI R9 Value: 1.3
CQS: 66.2
TLCI: 44
TM-30 Rf: 66.9
TM-30 Rg: 97.0
Beam Angle (50%): 16.2°
Field Angle (10%): 23.3°
Cutoff Angle (3%): 26.2°

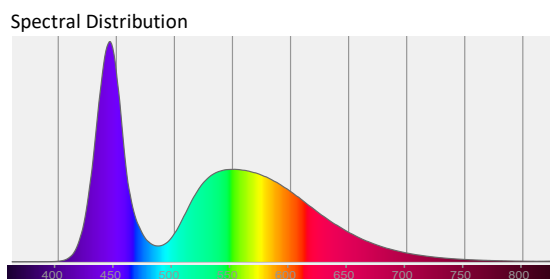
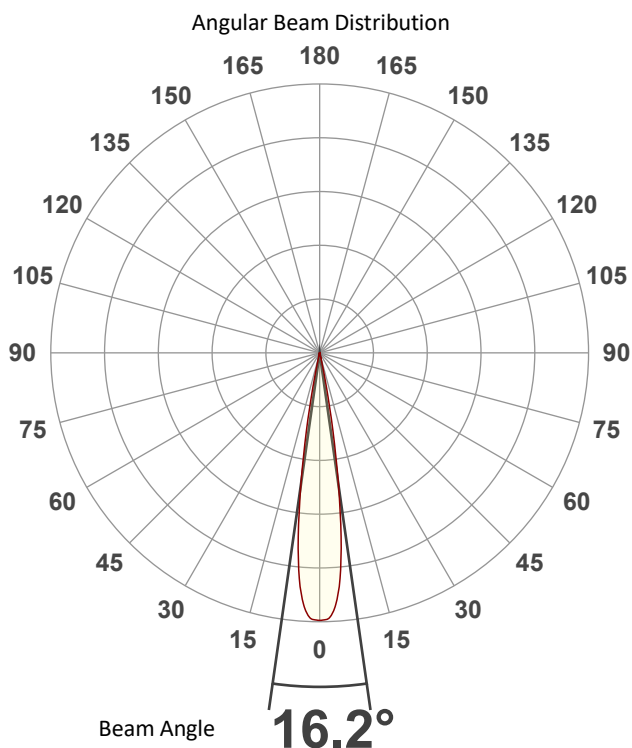


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

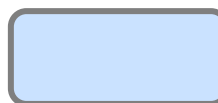
Overall Measurement



Tested Color (CIE 1931):

X: 0.301

Y: 0.294



Light Quality

CRI: 71.6

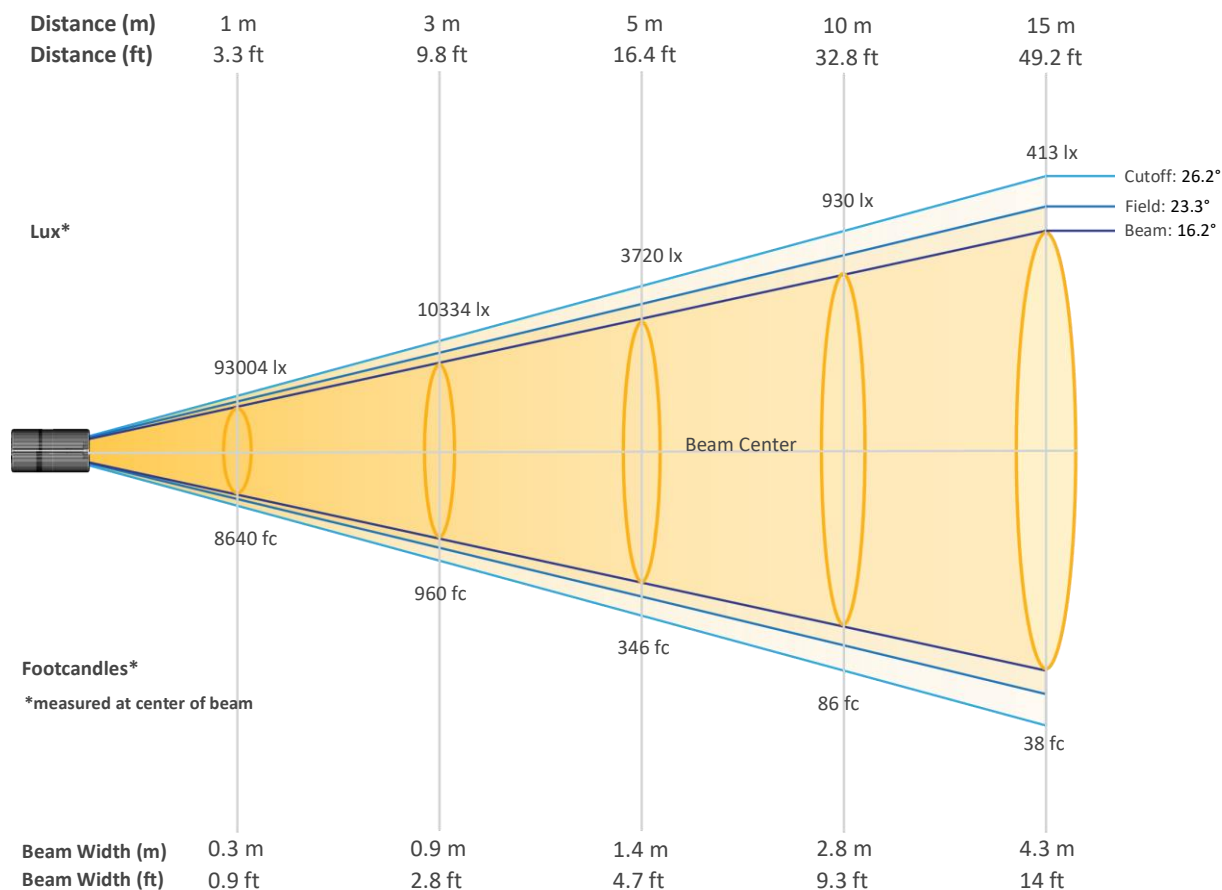
Color Temperature

7831 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

Beam Details

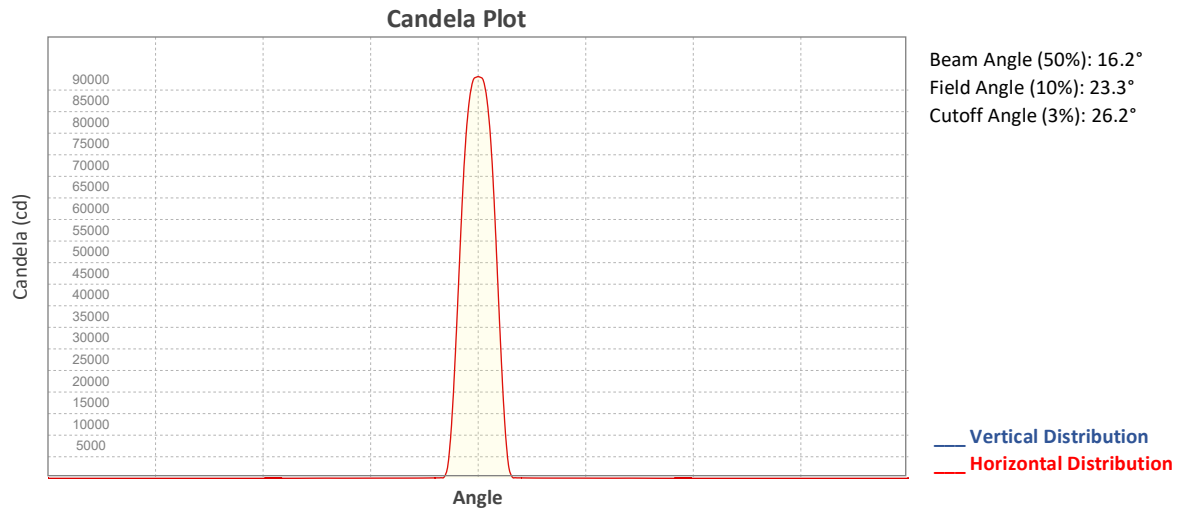


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	93004	23251	10334	5813	3720	2583	1898	1453	1148	930
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	769	646	550	475	413	363	322	287	258	233
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8640	2160	960	540	346	240	176	135	107	86
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	71	60	51	44	38	34	30	27	24	22

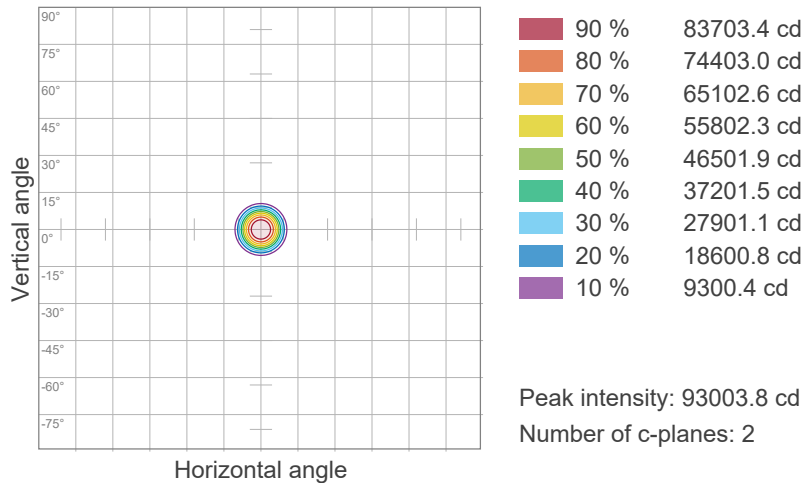
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

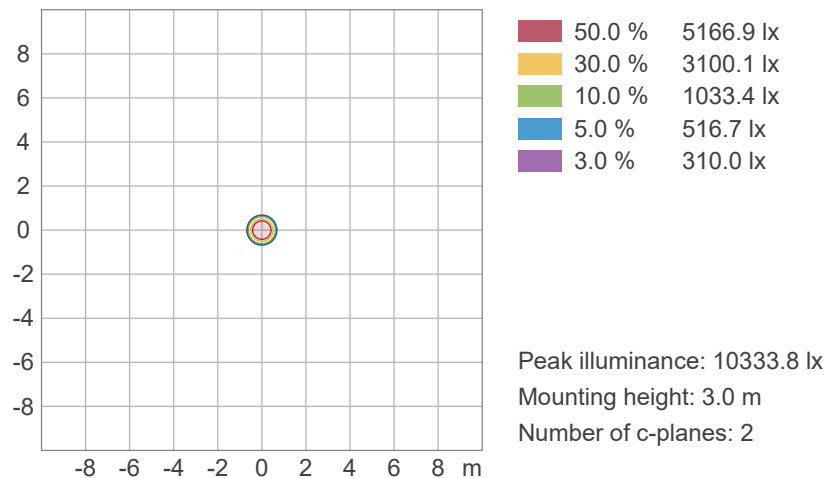


ISO Diagrams

ISO Candela Diagram



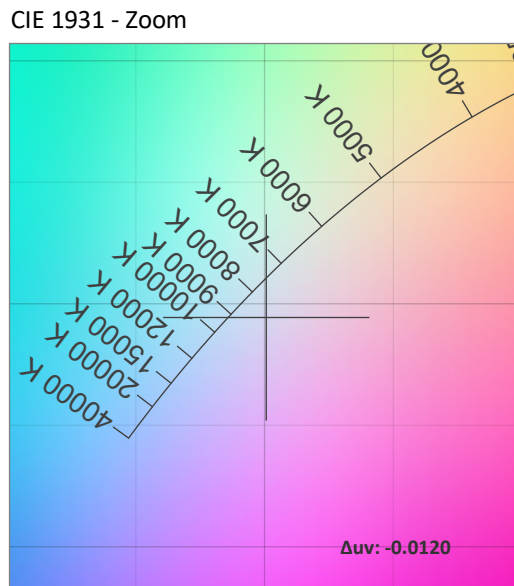
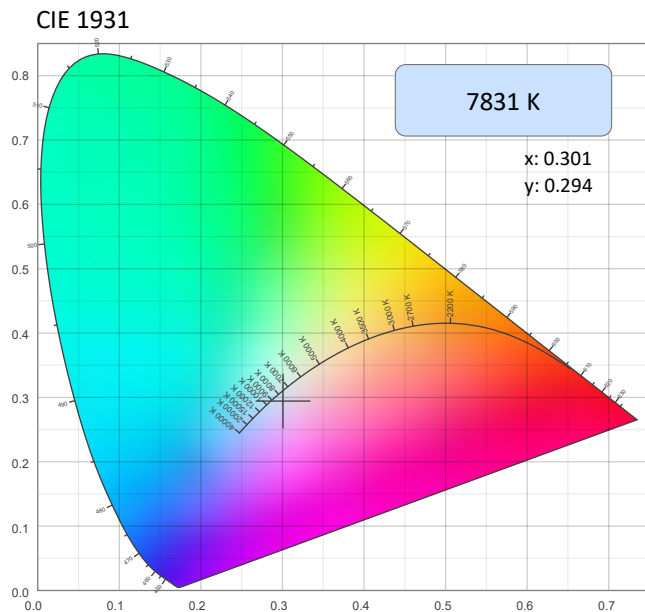
ISO Lux Diagram



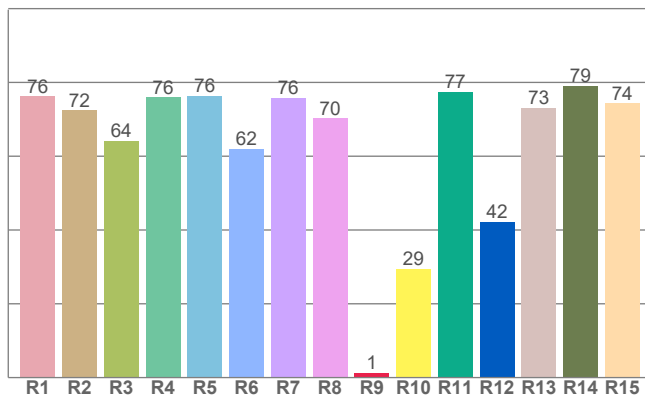
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

Chromaticity



CRI: 71.6 (R1-R8)

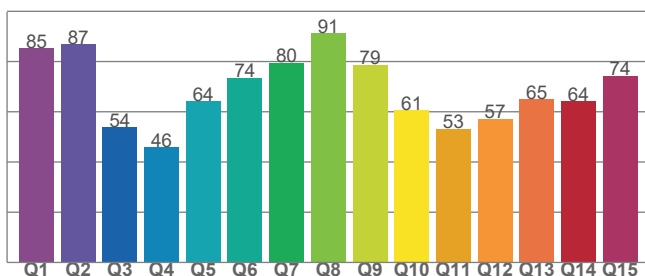


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7831 K	0.301	0.294

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0120	0.294	0.203

CQS: 66.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	1.3	66.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.9	97.0

Photometric & Chromaticity Report

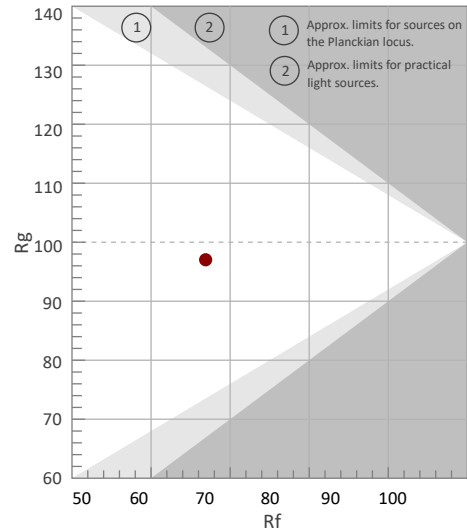
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

TM-30 Details

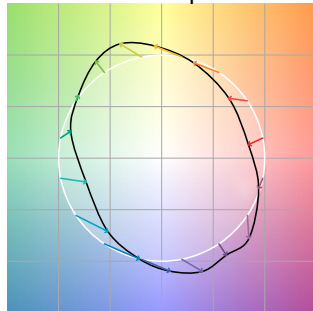
Rf 66.9
Fidelity Index (Rg)

Rg 97.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	54	5%	28%
5	63	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-8%
9	75	-24%	8%
10	57	-17%	30%
11	27	-7%	36%
12	60	6%	29%
13	71	15%	17%
14	77	13%	0%
15	74	14%	-18%
16	81	-2%	-10%



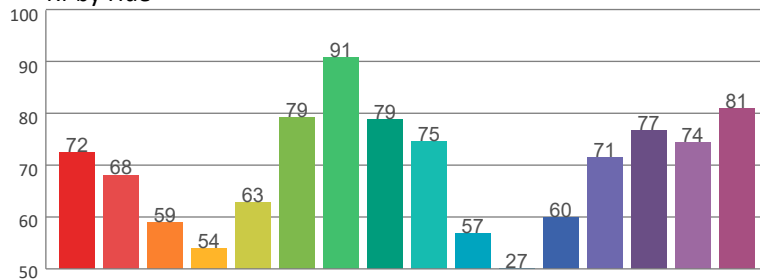
Color Vector Graphic



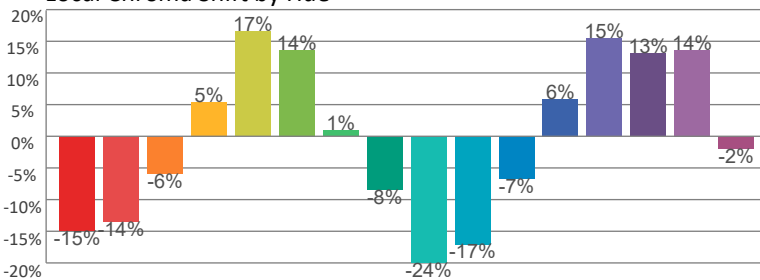
Color Distortion Graphic



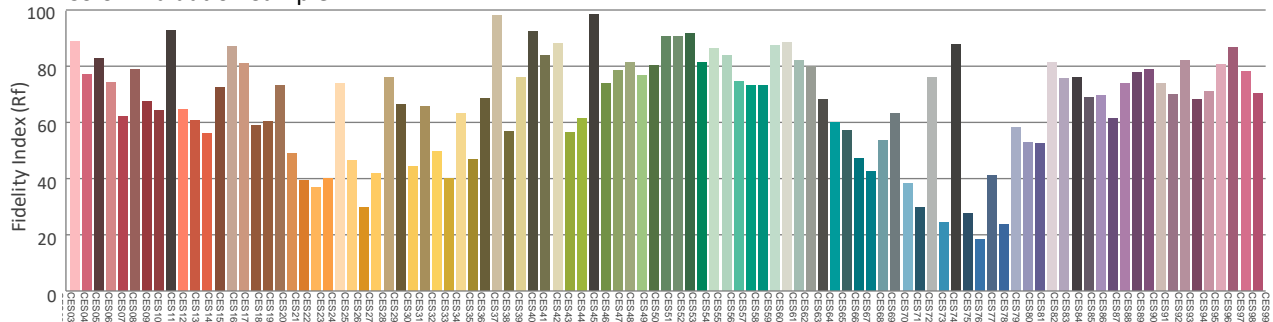
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - w/Both Zoom Zone - White - Cali On

Report Summary

Measurements

Fixture Output: 6612 lm
Fixture Peak: 93826 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3753 lux
Color Temperature: 7920 K
CRI: 71.6 CRI R9 Value: 2.0
CQS: 66.1
TLCI: 44
TM-30 Rf: 66.8
TM-30 Rg: 97.1
Beam Angle (50%): 16.3°
Field Angle (10%): 22.6°
Cutoff Angle (3%): 25.6°

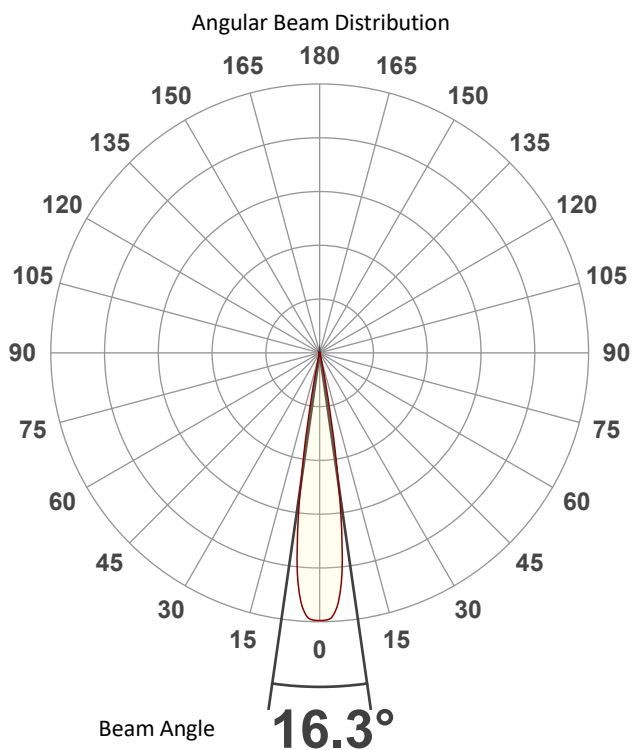


Conditions

AC Supply: 115 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/13/2024 to LM-63-2002 Standards.

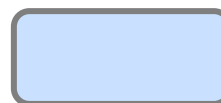
Overall Measurement



Tested Color (CIE 1931):

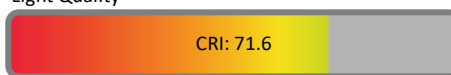
X: 0.300

Y: 0.293



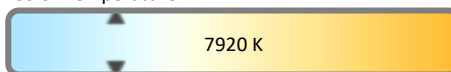
Light Quality

CRI: 71.6



Color Temperature

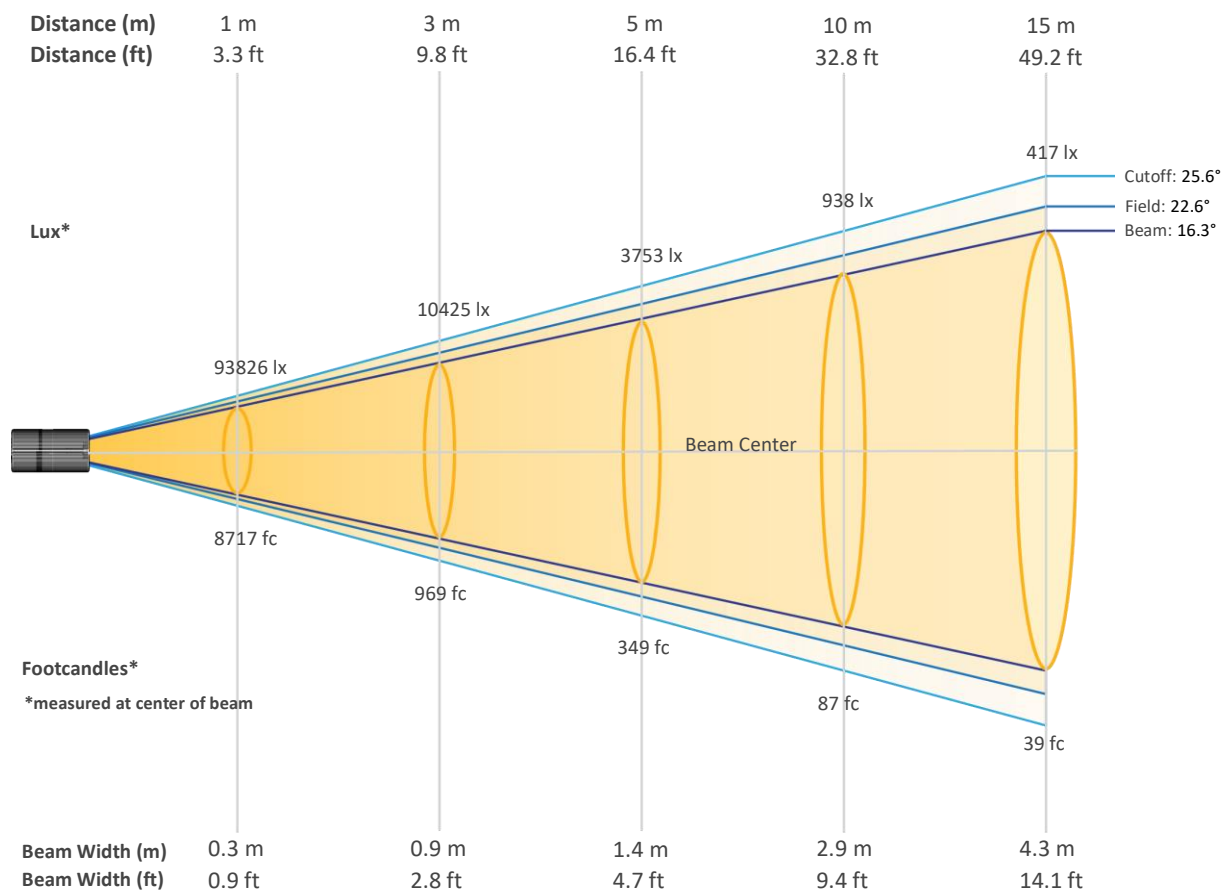
7920 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

Beam Details

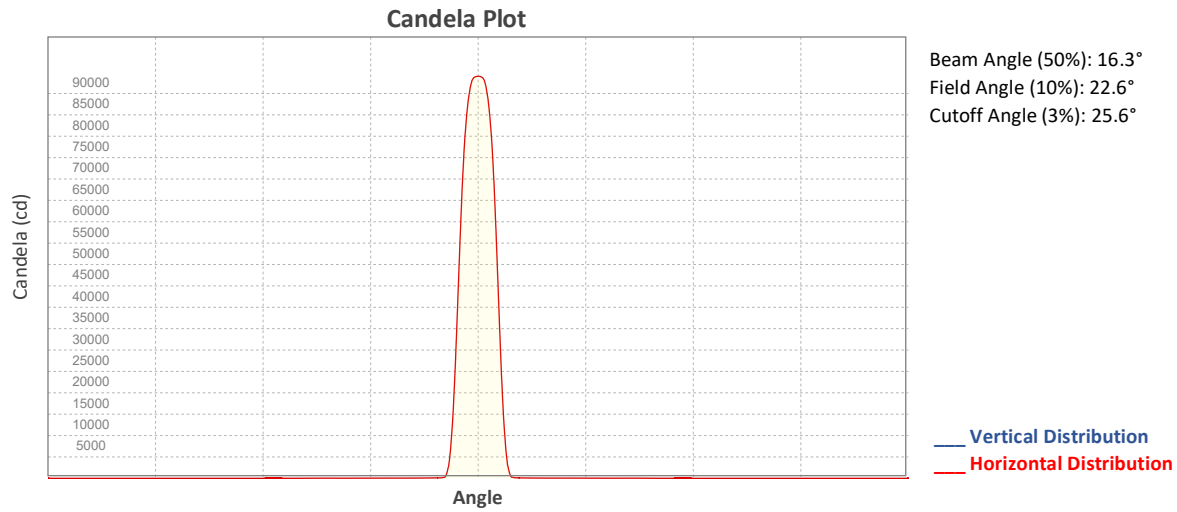


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	93826	23456	10425	5864	3753	2606	1915	1466	1158	938
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	775	652	555	479	417	367	325	290	260	235
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8717	2179	969	545	349	242	178	136	108	87
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	72	61	52	44	39	34	30	27	24	22

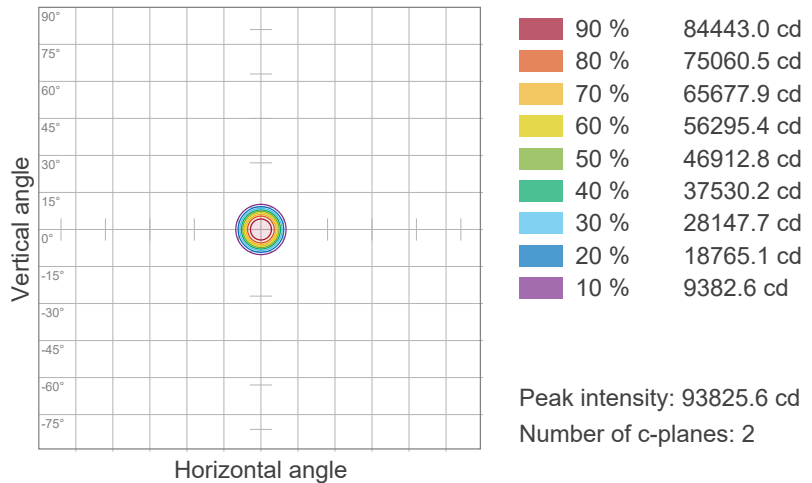
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

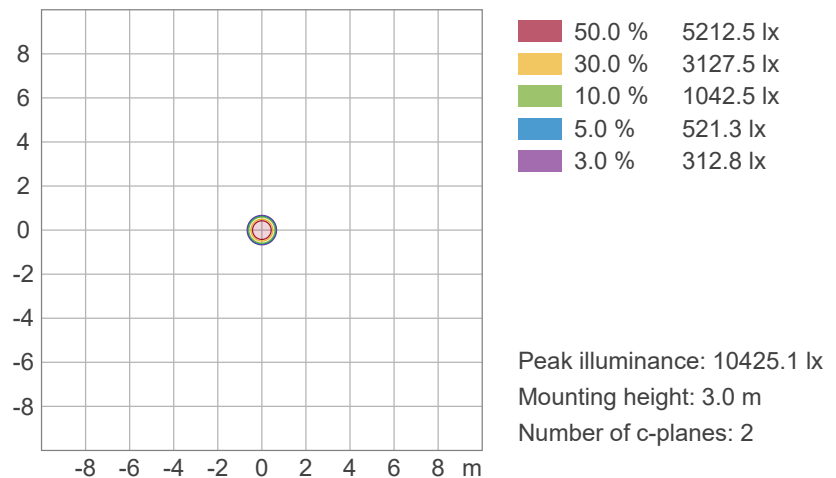


ISO Diagrams

ISO Candela Diagram



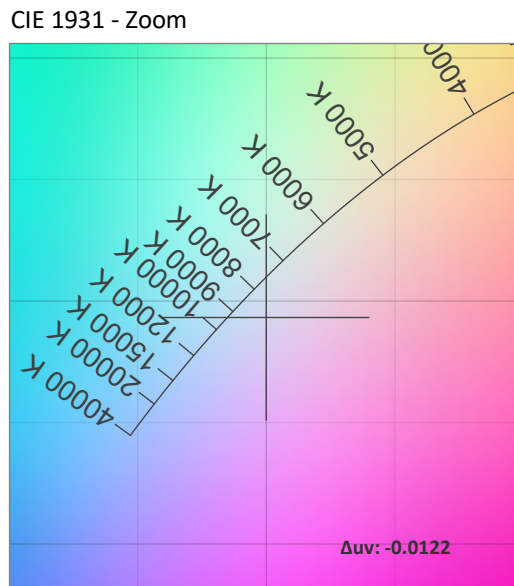
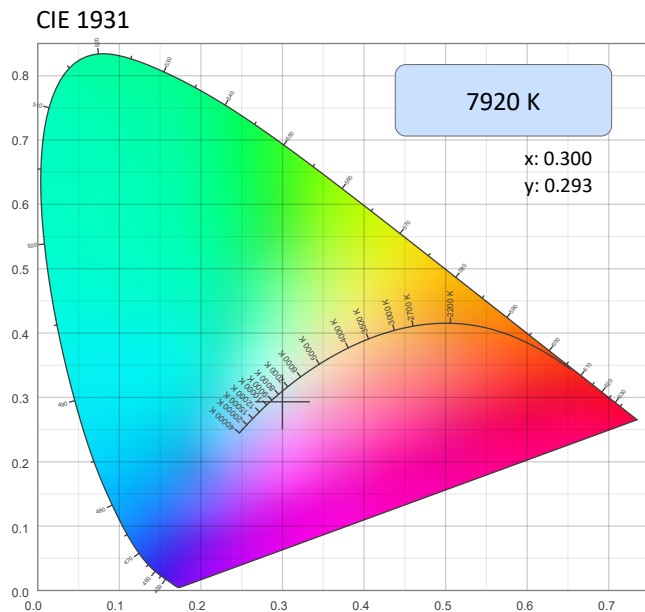
ISO Lux Diagram



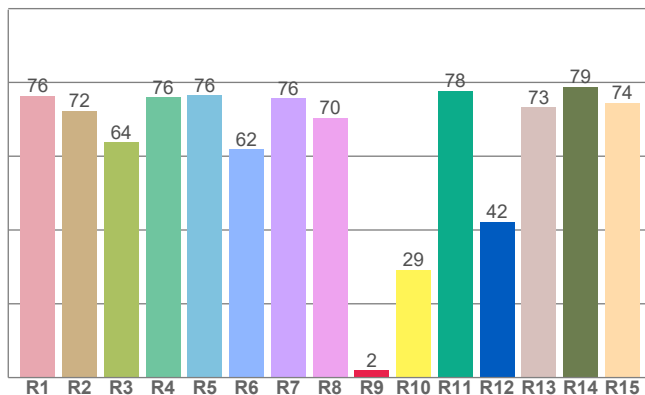
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

Chromaticity



CRI: 71.6 (R1-R8)

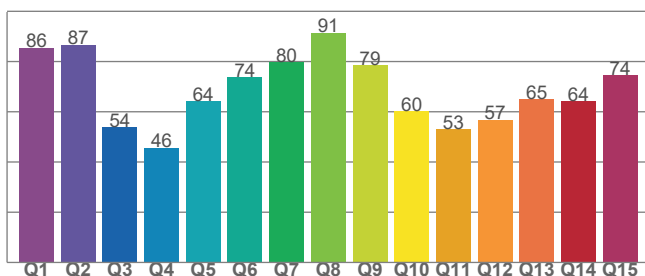


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7920 K	0.300	0.293

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0122	0.293	0.203

CQS: 66.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	2.0	66.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.8	97.1

Photometric & Chromaticity Report

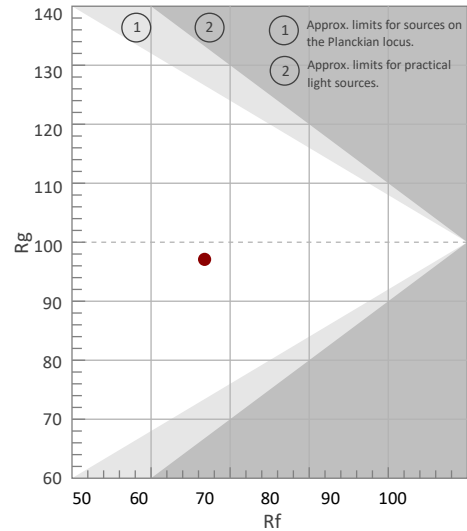
Maverick Storm 3 Beam Wash - 2: 50% Zoom-w/Both Zoom Zone - White Only

TM-30 Details

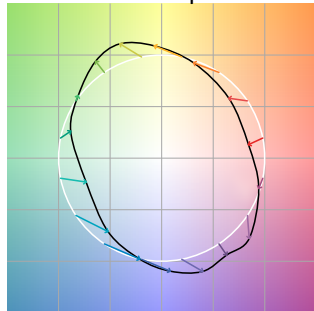
Rf 66.8
Fidelity Index
(Rg)

Rg 97.1
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	73	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	54	5%	28%
5	62	17%	18%
6	79	14%	1%
7	91	1%	-6%
8	79	-8%	-8%
9	75	-24%	8%
10	57	-17%	30%
11	26	-7%	37%
12	60	6%	30%
13	71	16%	18%
14	77	13%	0%
15	74	14%	-18%
16	81	-2%	-10%



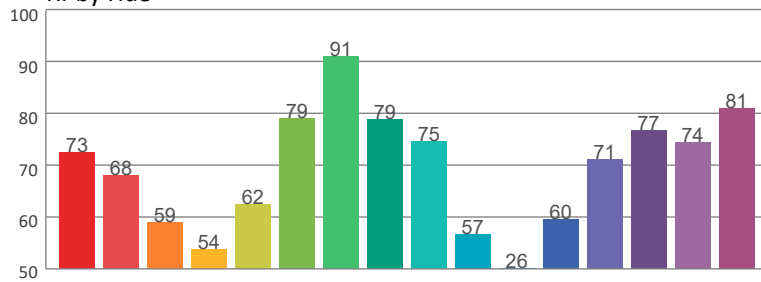
Color Vector Graphic



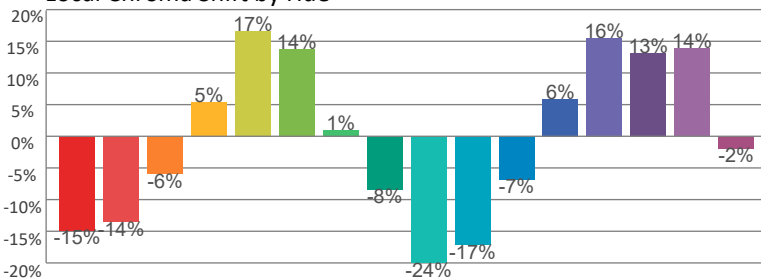
Color Distortion Graphic



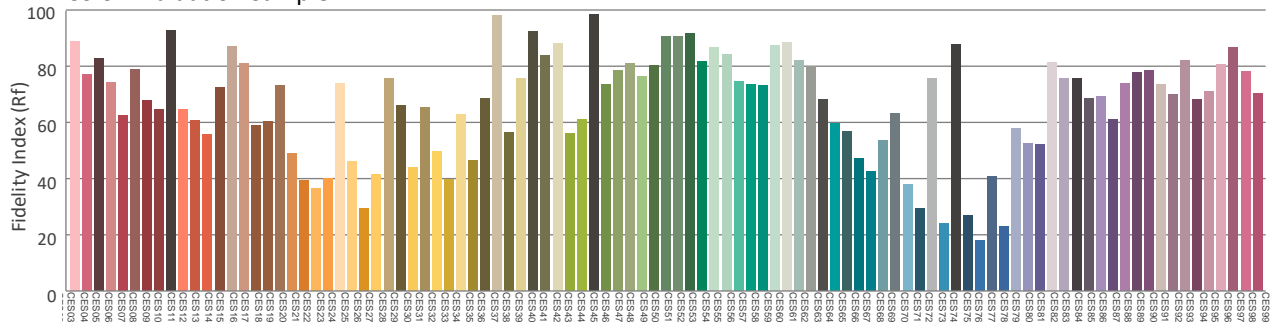
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 2700K - Cali Off

Report Summary

Measurements

Fixture Output: 6838 lm
Fixture Peak: 99405 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 3976 lux
Color Temperature: 2751 K
CRI: 16.8 CRI R9 Value: -177.3
CQS: 47.4
TLCI: 12
TM-30 Rf: 49.3
TM-30 Rg: 118.1
Beam Angle (50%): 15.7°
Field Angle (10%): 22.1°
Cutoff Angle (3%): 25.6°

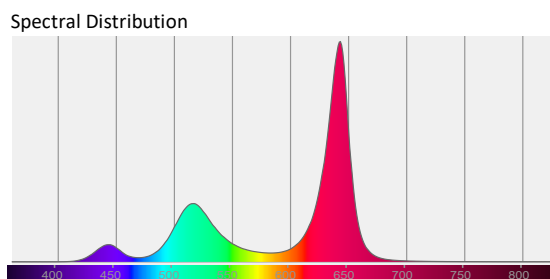
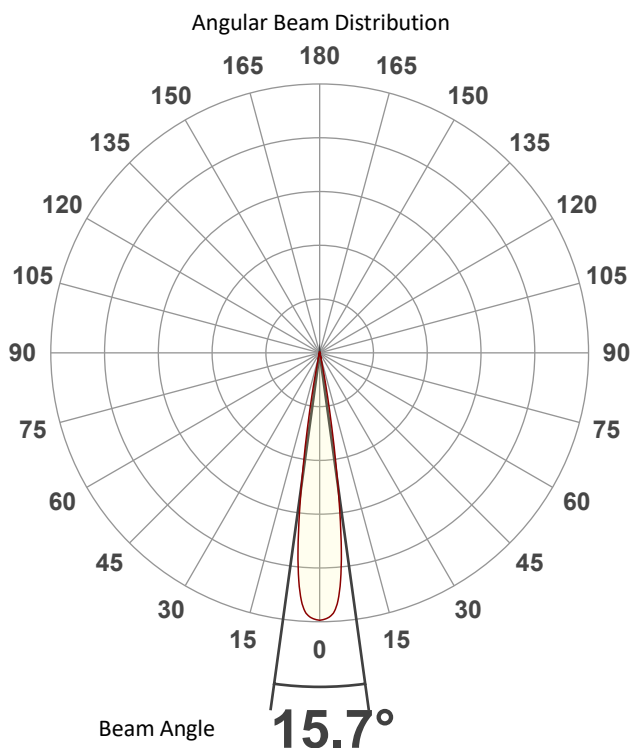


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

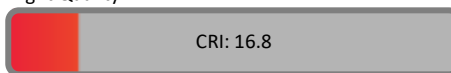
X: 0.450

Y: 0.400



Light Quality

CRI: 16.8



Color Temperature

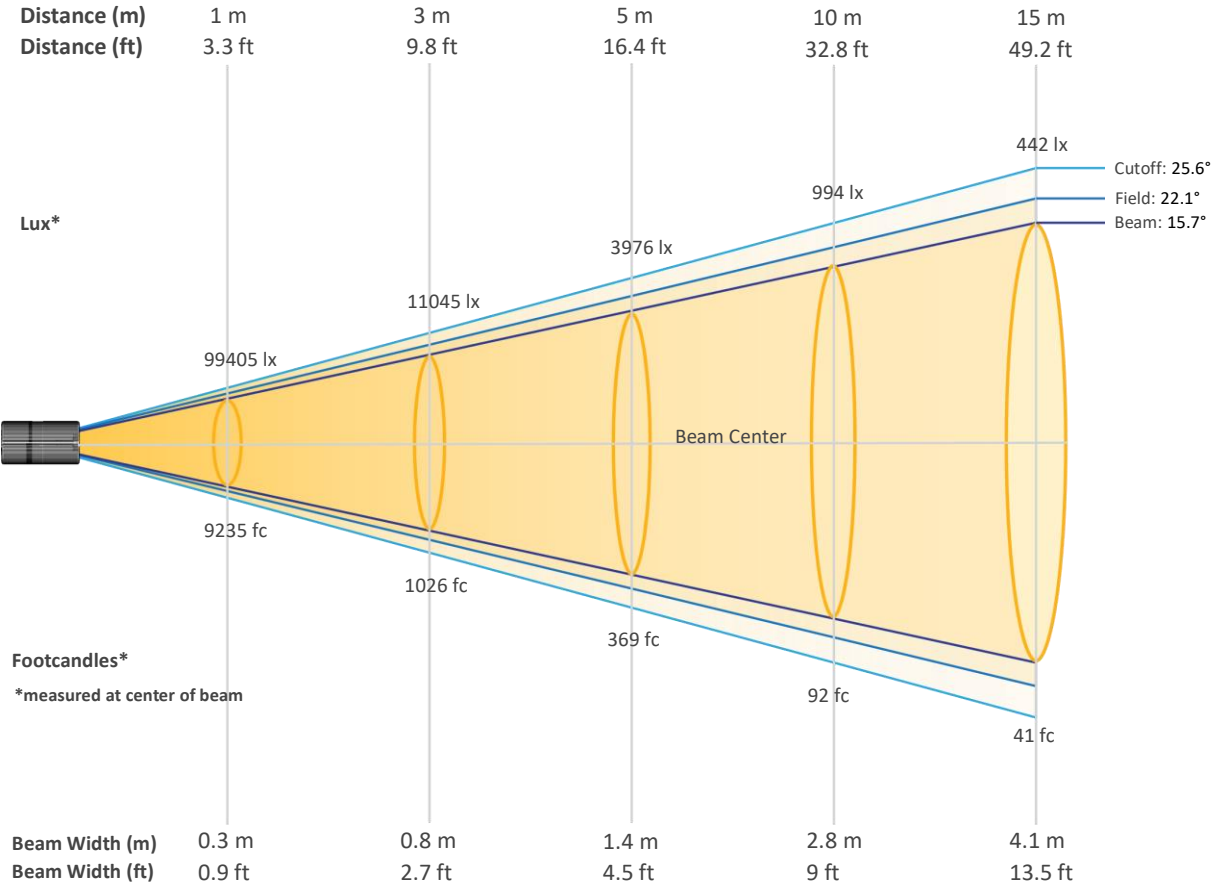
2751 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 2700K

Beam Details



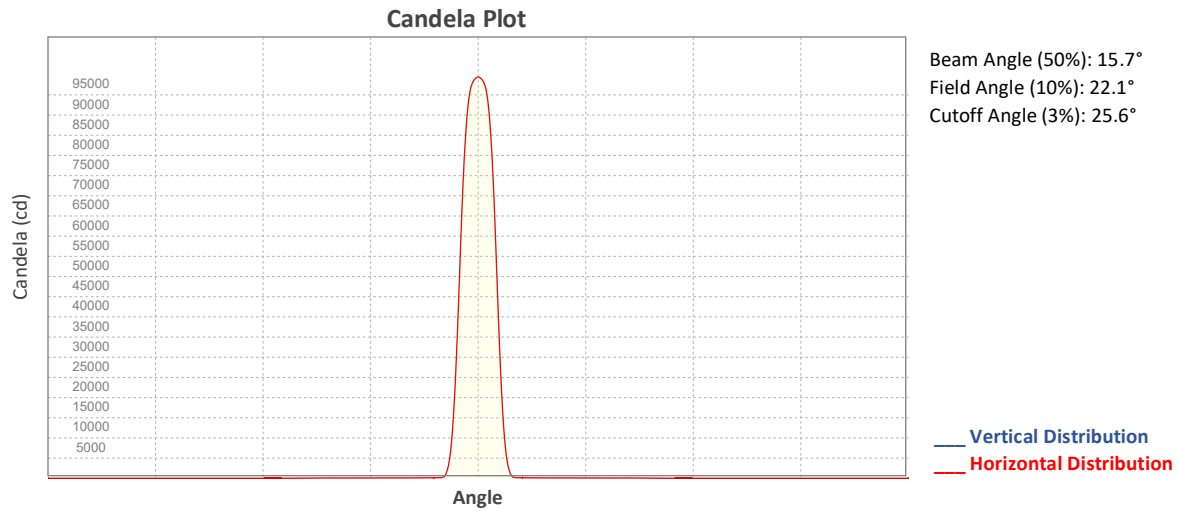
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99405	24851	11045	6213	3976	2761	2029	1553	1227	994
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	822	690	588	507	442	388	344	307	275	249
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9235	2309	1026	577	369	257	188	144	114	92
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	76	64	55	47	41	36	32	29	26	23



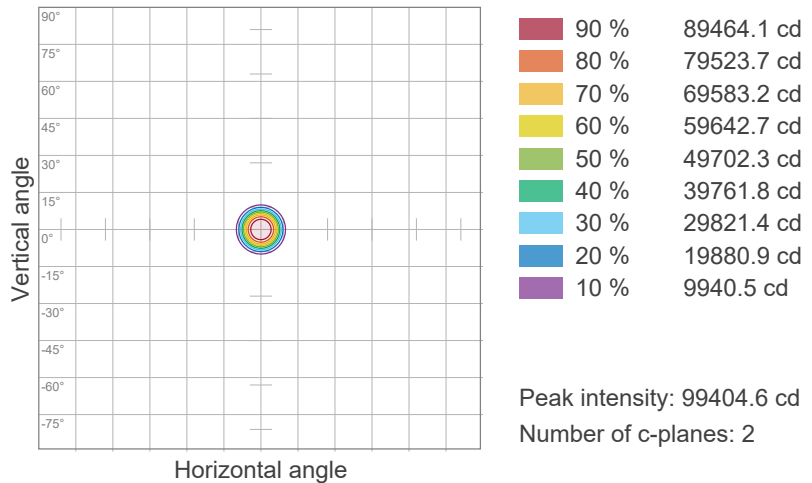
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 2700K

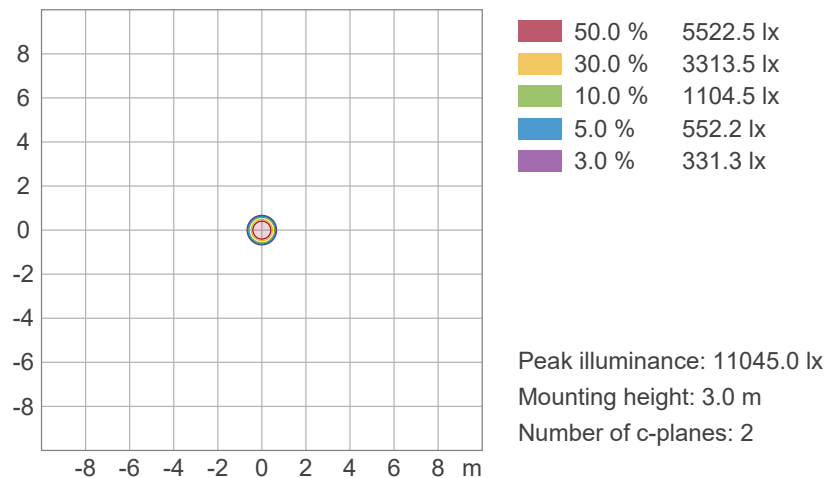


ISO Diagrams

ISO Candela Diagram



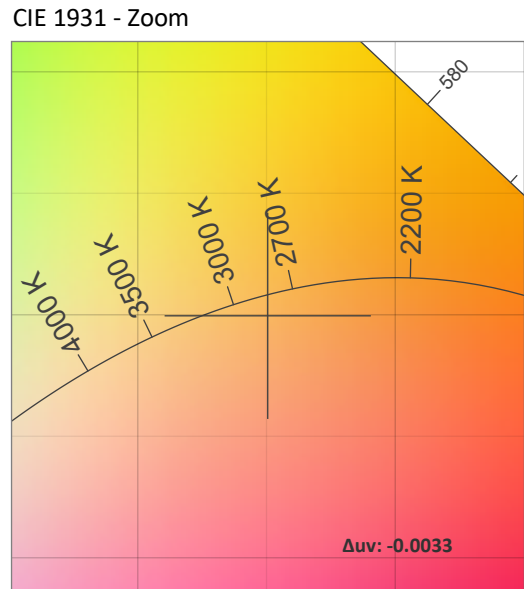
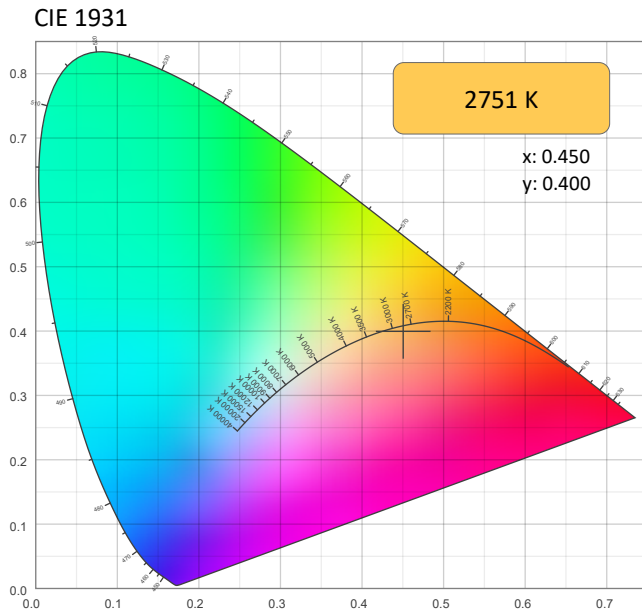
ISO Lux Diagram



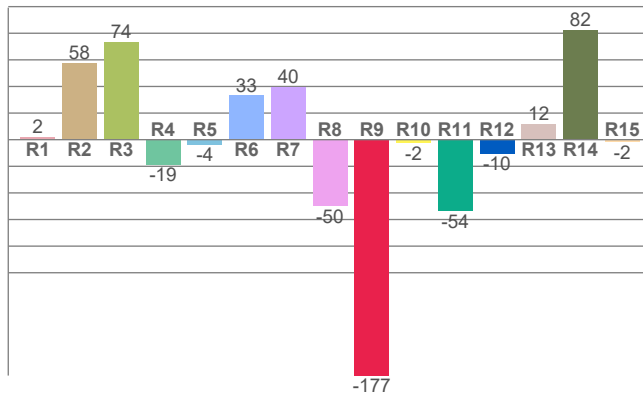
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 2700K

Chromaticity



CRI: 16.8 (R1-R8)

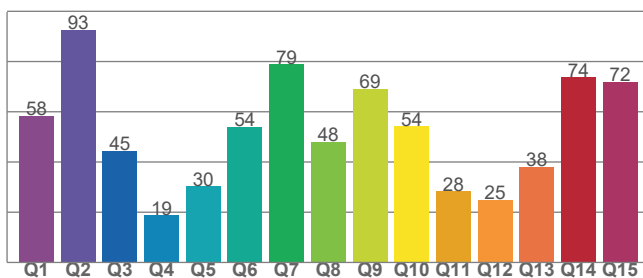


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2751 K	0.450	0.400

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0033	0.400	0.261

CQS: 47.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
16.8	-177.3	47.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
12	49.3	118.1

Photometric & Chromaticity Report

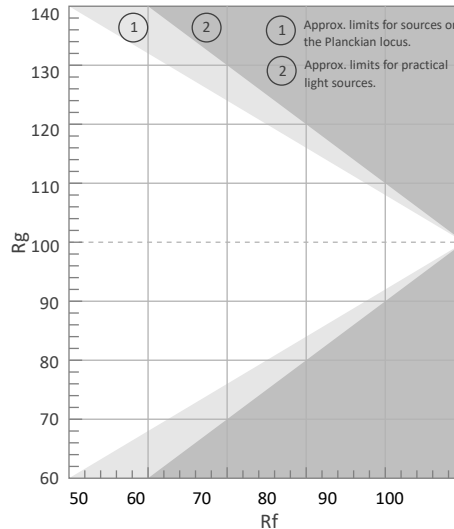
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 2700K

TM-30 Details

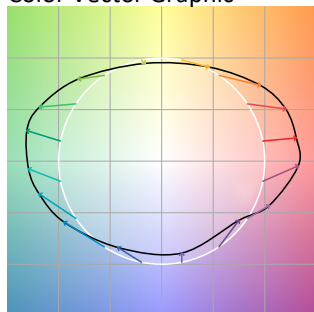
Rf 49.3
Fidelity Index (Rg)

Rg 118.1
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	37	33%	-3%
2	33	28%	-25%
3	23	14%	-38%
4	61	-2%	-27%
5	76	-4%	-3%
6	63	11%	23%
7	45	28%	22%
8	45	34%	-4%
9	44	28%	-18%
10	37	16%	-40%
11	39	2%	-46%
12	55	-10%	-25%
13	82	-9%	2%
14	57	-11%	30%
15	59	11%	22%
16	49	31%	21%



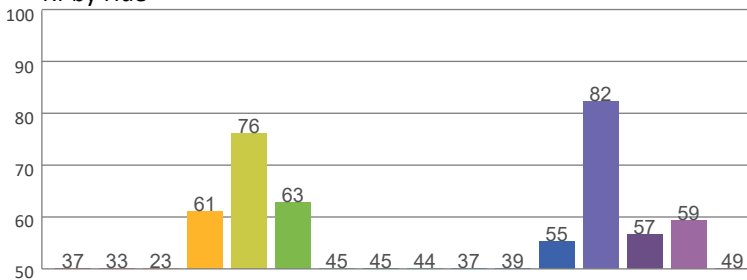
Color Vector Graphic



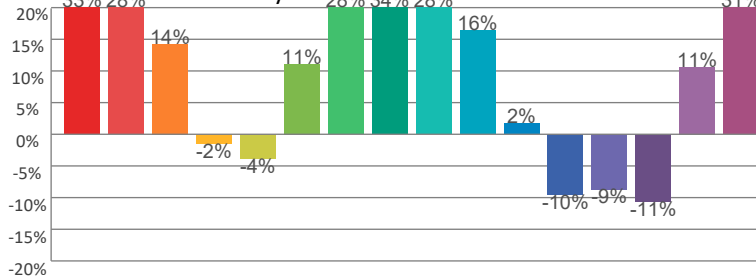
Color Distortion Graphic



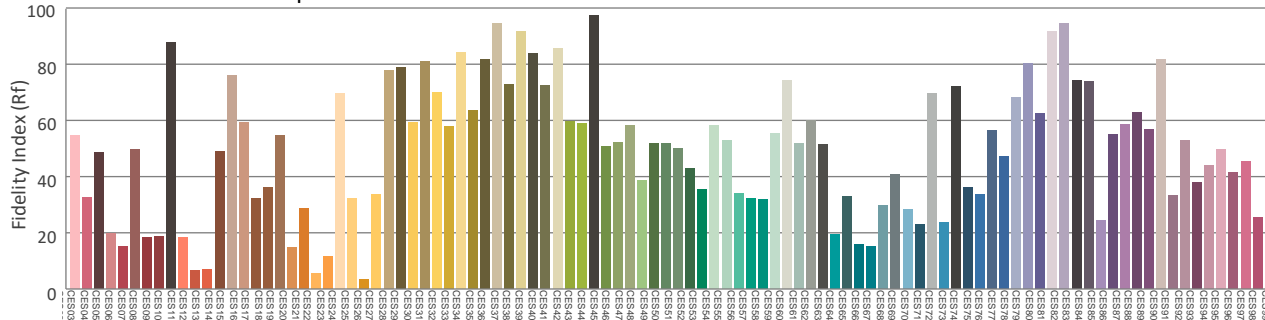
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 3200K - Cali Off

Report Summary

Measurements

Fixture Output: 7812 lm
Fixture Peak: 109714 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4389 lux
Color Temperature: 3224 K
CRI: 23.3 CRI R9 Value: -182.3
CQS: 45.7
TLCI: 13
TM-30 Rf: 51.9
TM-30 Rg: 112.4
Beam Angle (50%): 16°
Field Angle (10%): 22.7°
Cutoff Angle (3%): 25.6°

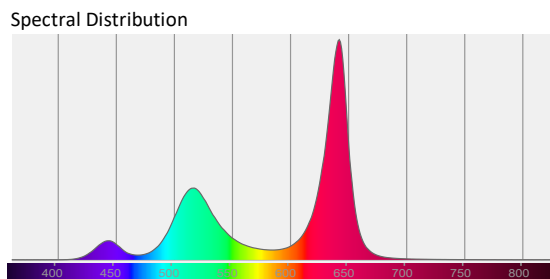
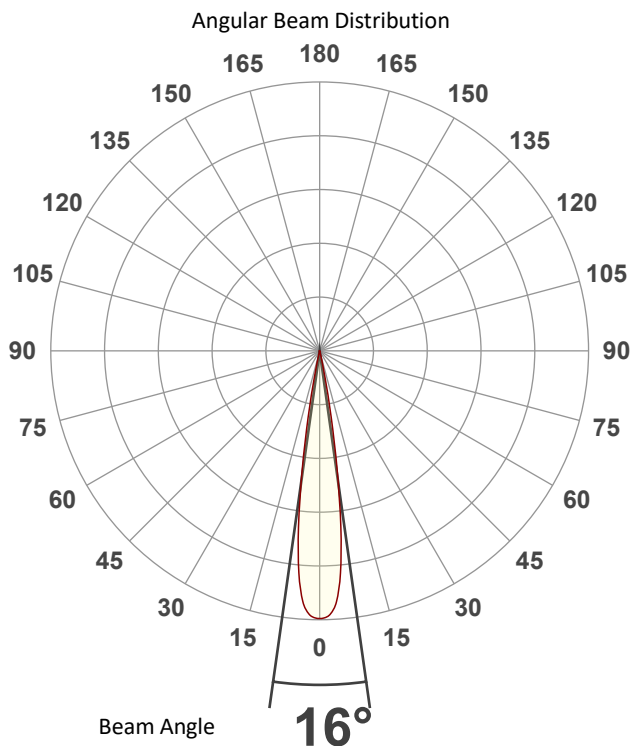


Conditions

AC Supply: 111 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.429
Y: 0.414

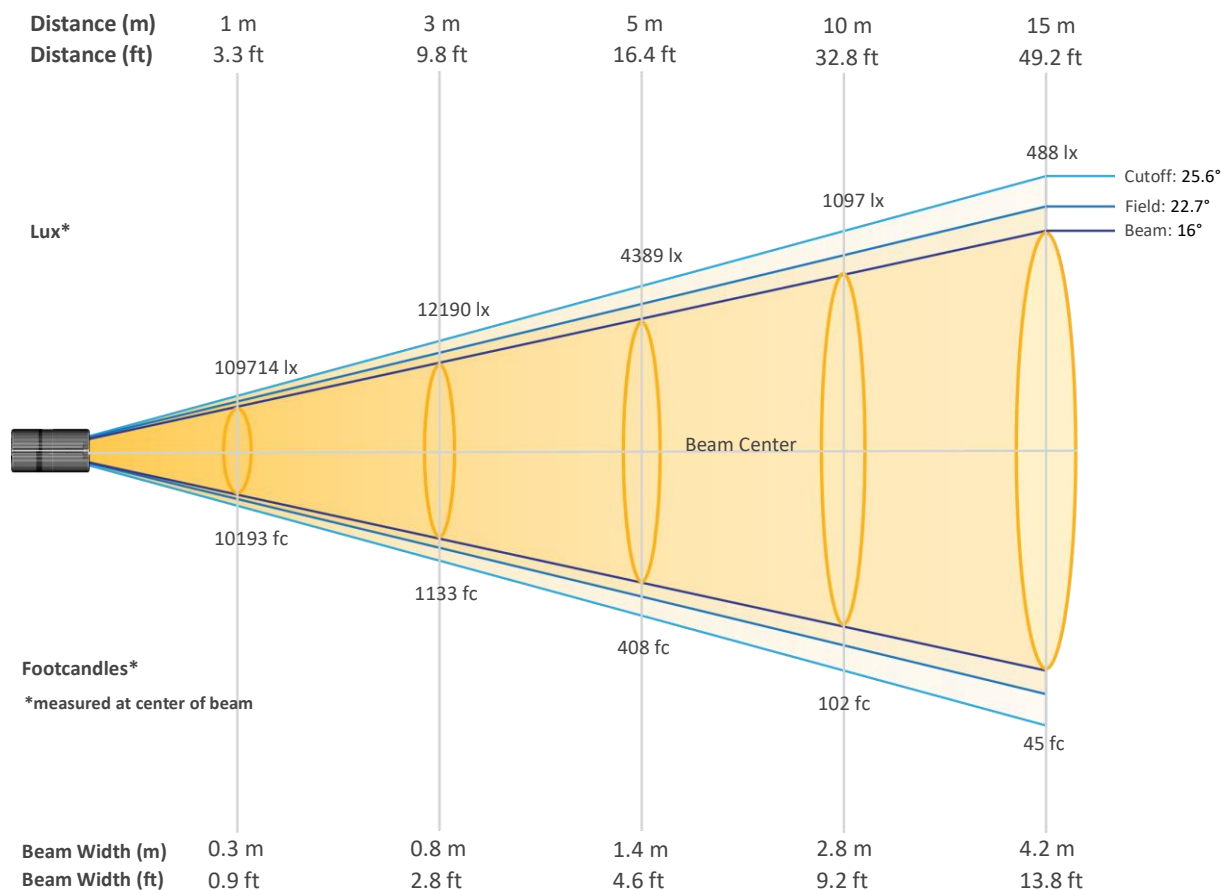
Light Quality
CRI: 23.3

Color Temperature
3224 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 3200K

Beam Details

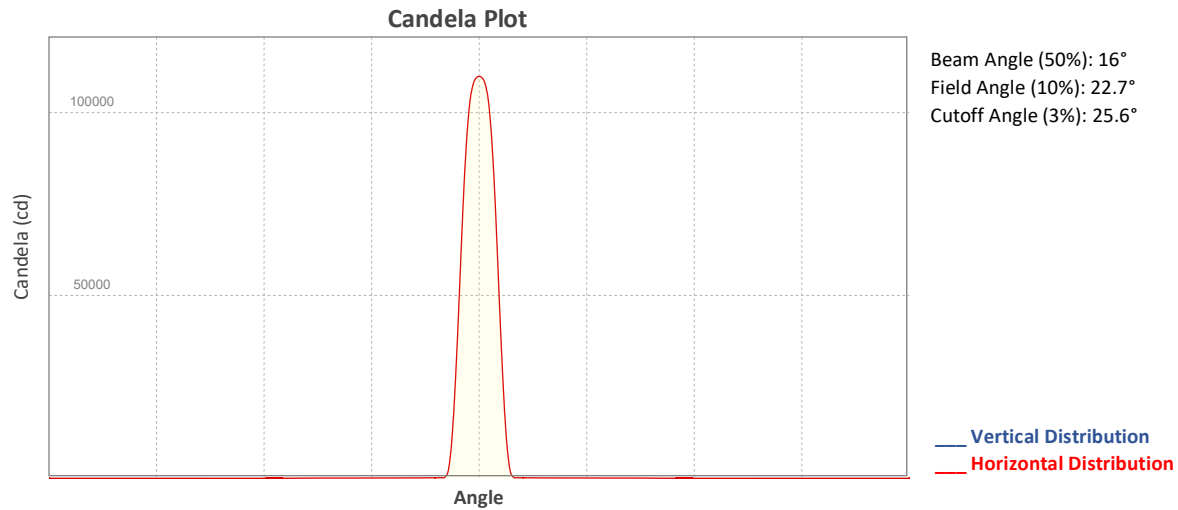


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	109714	27428	12190	6857	4389	3048	2239	1714	1354	1097
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	907	762	649	560	488	429	380	339	304	274
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10193	2548	1133	637	408	283	208	159	126	102
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	84	71	60	52	45	40	35	31	28	25

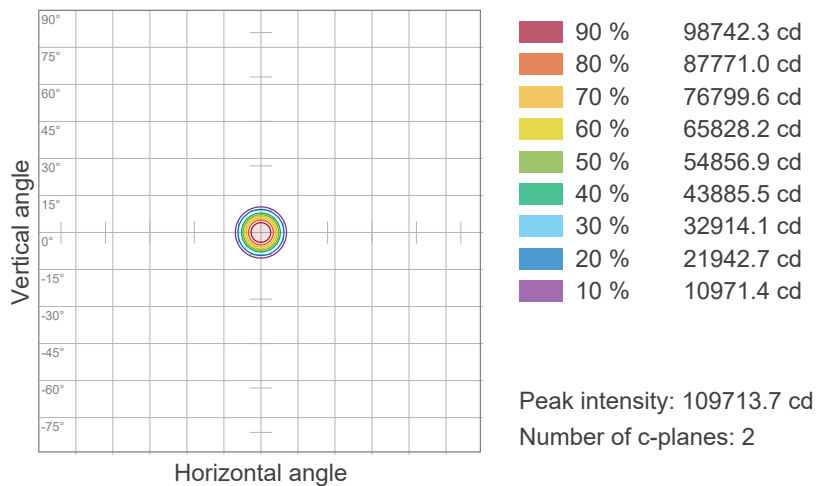
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 3200K

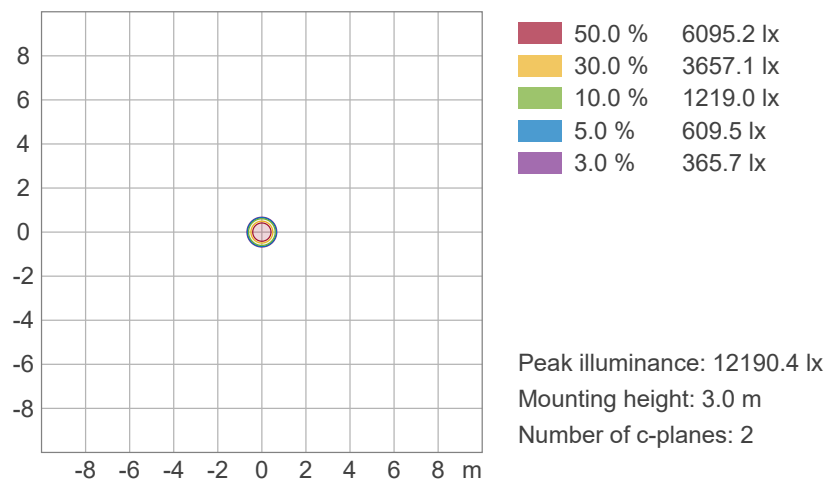


ISO Diagrams

ISO Candela Diagram



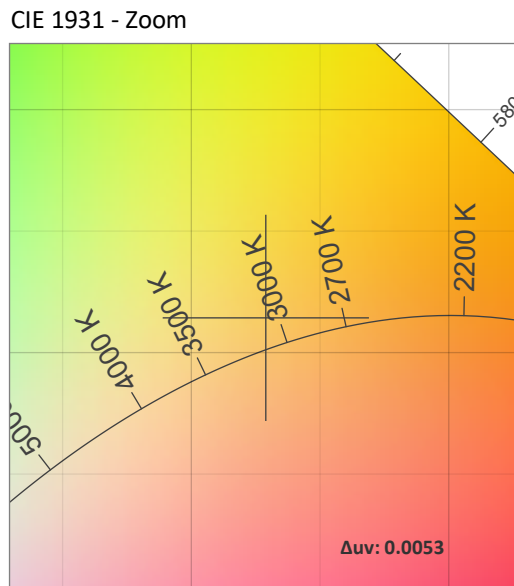
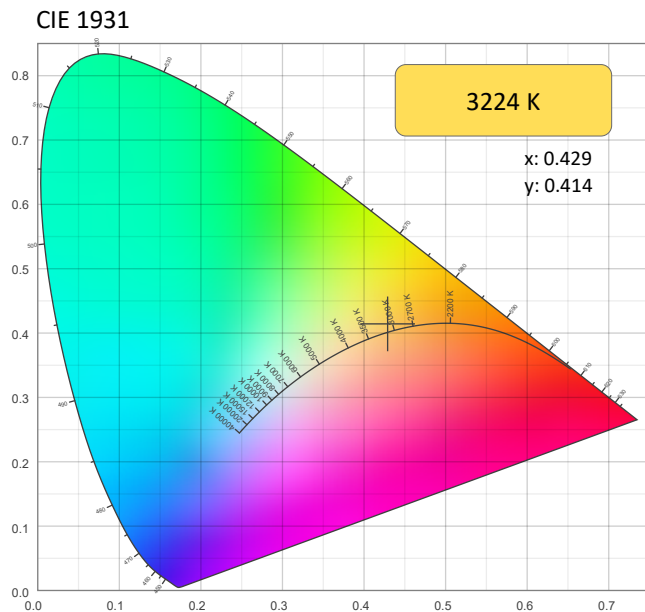
ISO Lux Diagram



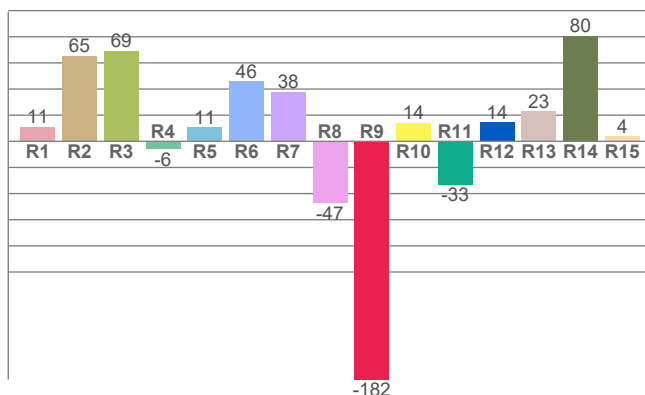
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 3200K

Chromaticity



CRI: 23.3 (R1-R8)

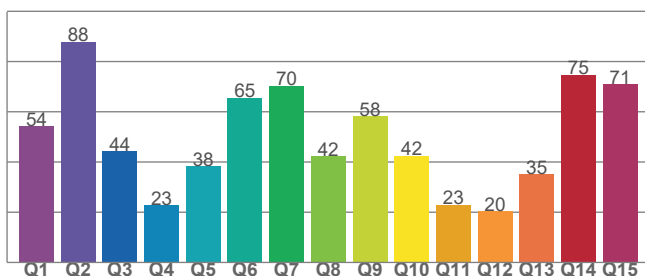


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3224 K	0.429	0.414

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0053	0.414	0.241

CQS: 45.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
23.3	-182.3	45.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
13	51.9	112.4

Photometric & Chromaticity Report

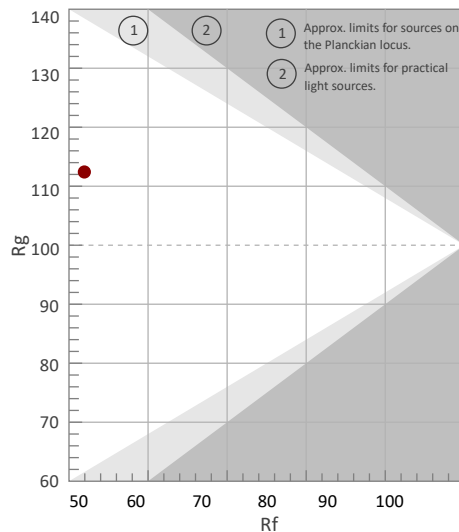
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 3200K

TM-30 Details

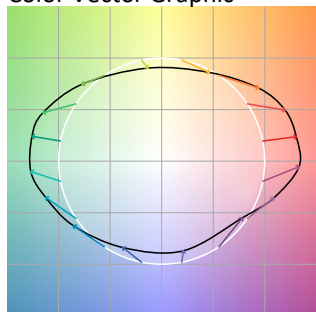
Rf 51.9
Fidelity Index (Rg)

Rg 112.4
Gammut Index (Rg)

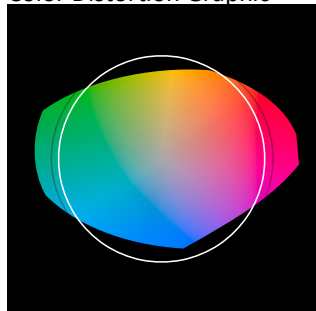
Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	39	33%	-2%
2	35	27%	-25%
3	24	11%	-39%
4	54	-7%	-29%
5	79	-9%	-5%
6	65	5%	23%
7	48	22%	25%
8	53	28%	1%
9	56	26%	-15%
10	38	13%	-33%
11	46	0%	-36%
12	65	-10%	-21%
13	81	-11%	4%
14	54	-11%	35%
15	50	10%	31%
16	52	32%	21%



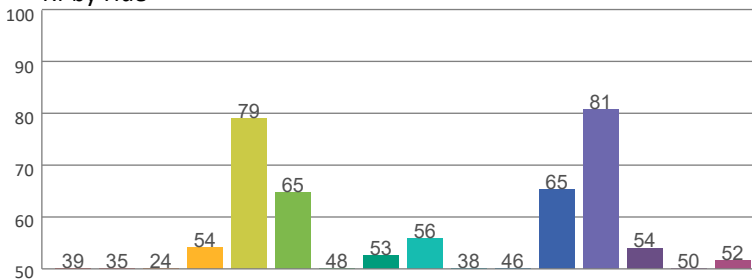
Color Vector Graphic



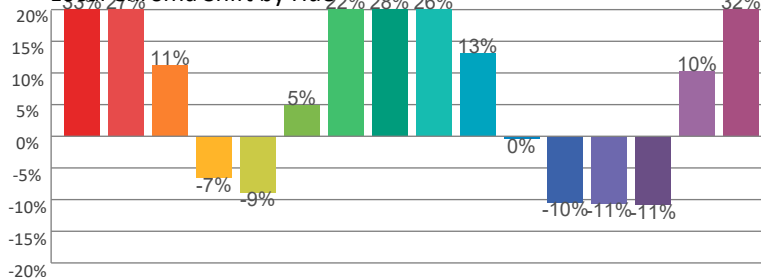
Color Distortion Graphic



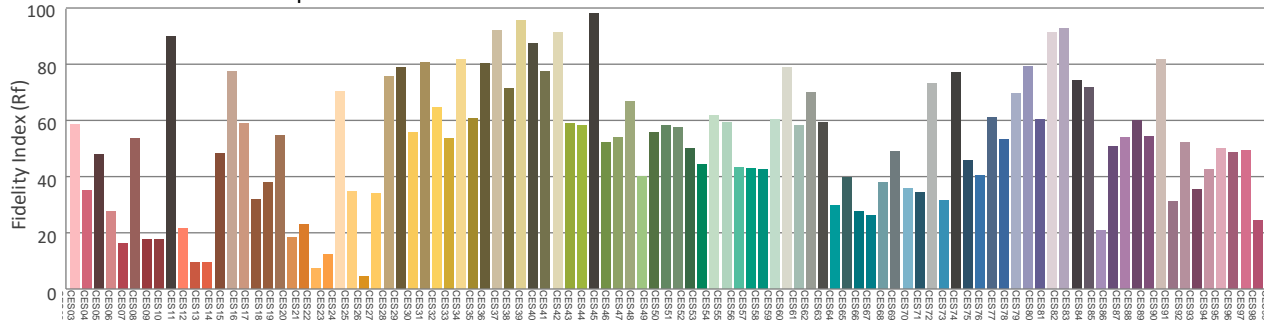
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 4200K - Cali Off

Report Summary

Measurements

Fixture Output: 7689 lm
Fixture Peak: 106231 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 4249 lux
Color Temperature: 4095 K
CRI: 48.0 CRI R9 Value: -127.8
CQS: 63.2
TLCI: 24
TM-30 Rf: 66.7
TM-30 Rg: 117.6
Beam Angle (50%): 16.2°
Field Angle (10%): 22.9°
Cutoff Angle (3%): 25.9°

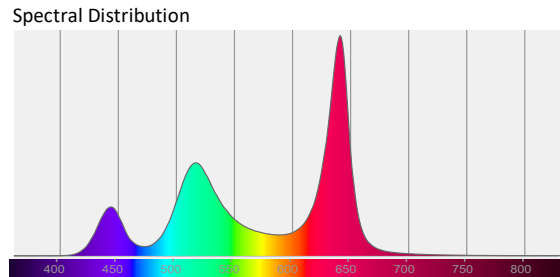
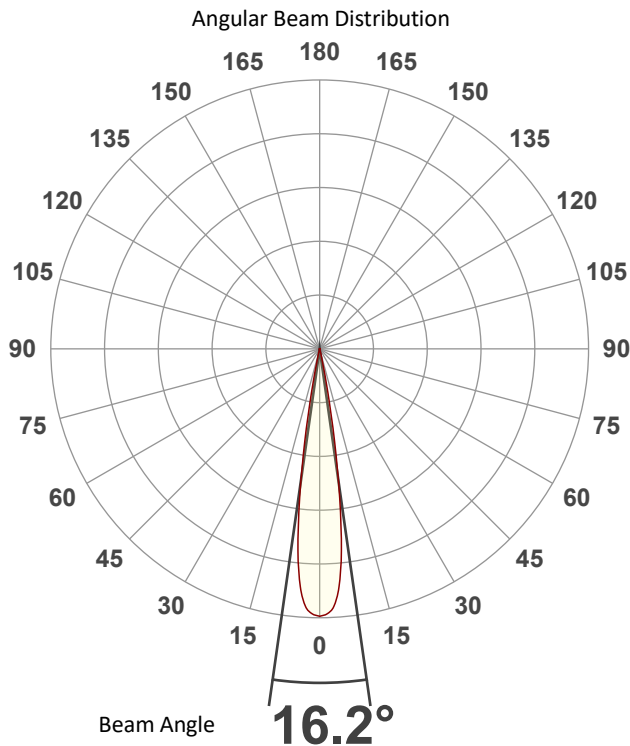


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.381

Y: 0.392



Light Quality

CRI: 48.0

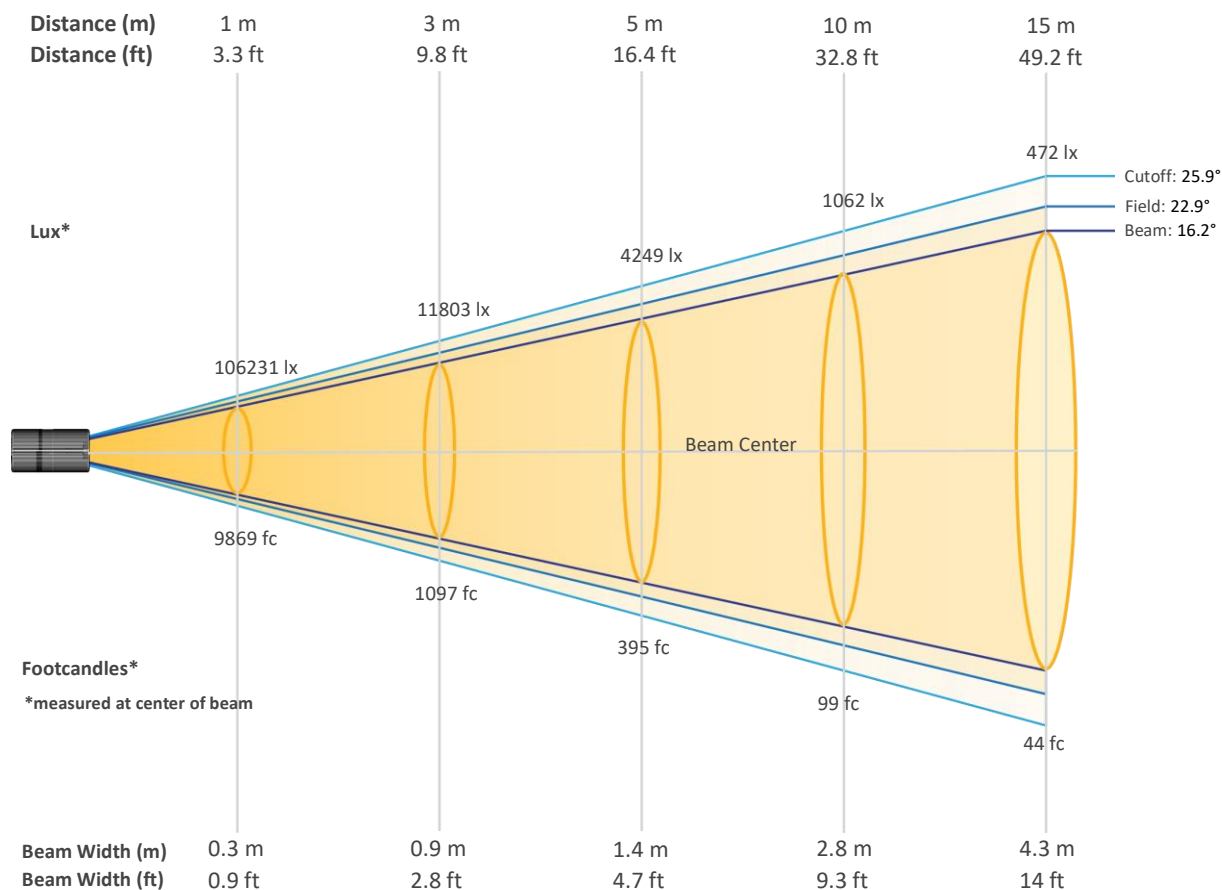
Color Temperature

4095 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

Beam Details

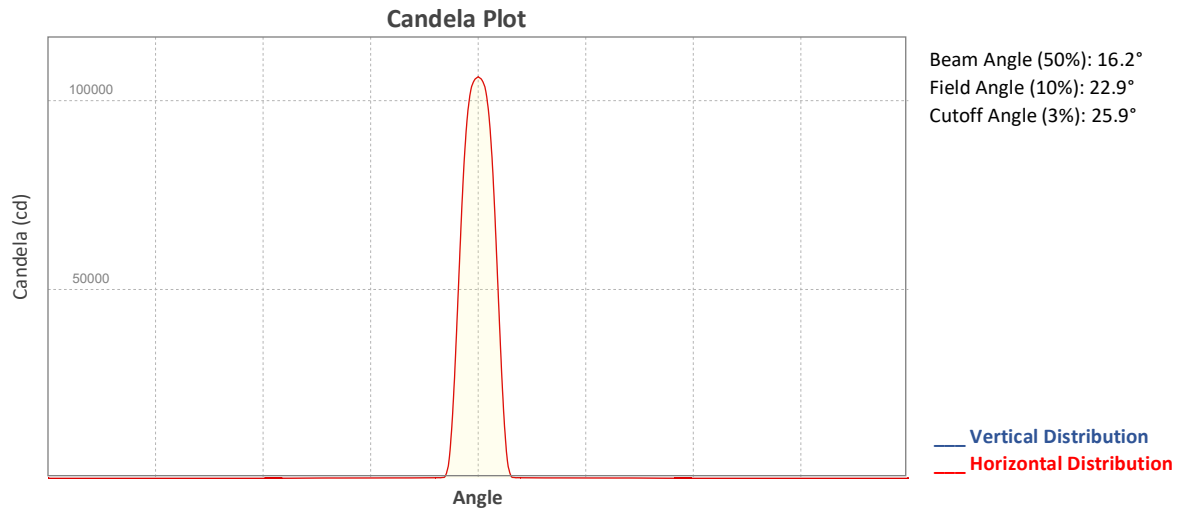


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	106231	26558	11803	6639	4249	2951	2168	1660	1311	1062
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	878	738	629	542	472	415	368	328	294	266
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9869	2467	1097	617	395	274	201	154	122	99
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	82	69	58	50	44	39	34	30	27	25

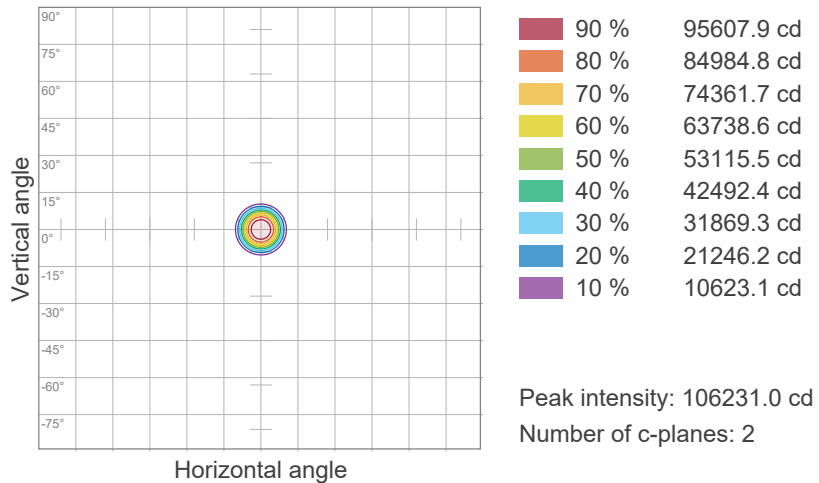
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

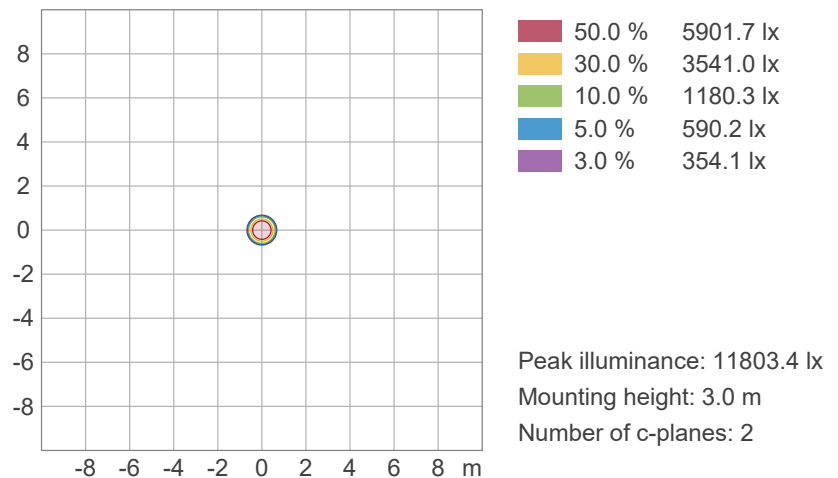


ISO Diagrams

ISO Candela Diagram



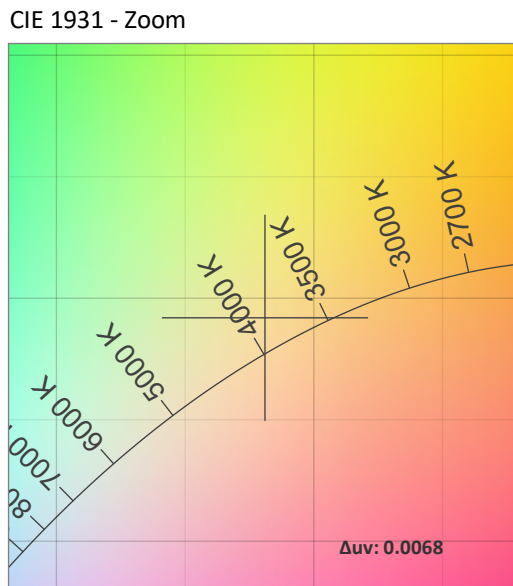
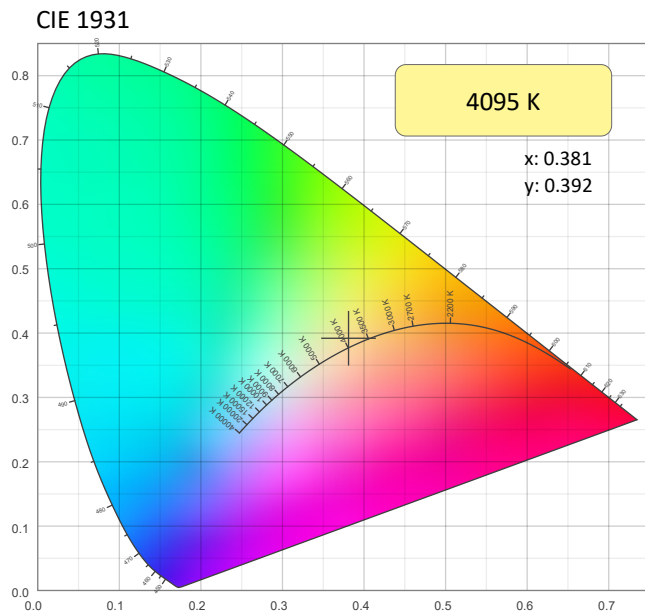
ISO Lux Diagram



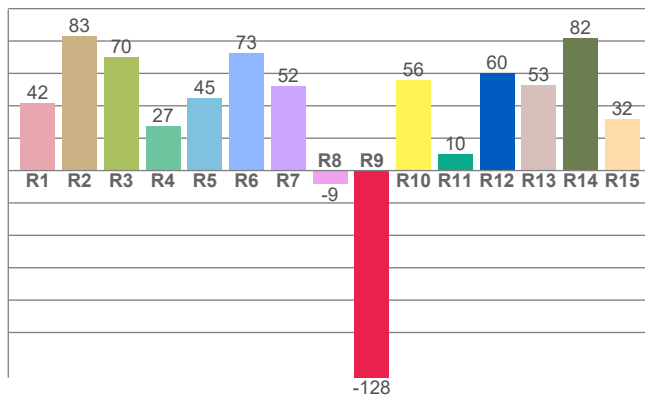
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

Chromaticity



CRI: 48.0 (R1-R8)

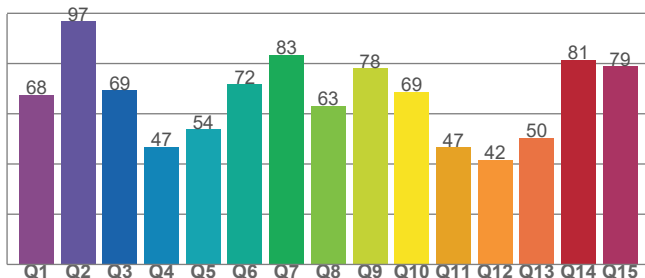


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4095 K	0.381	0.392

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0068	0.392	0.220

CQS: 63.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
48.0	-127.8	63.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
24	66.7	117.6



Photometric & Chromaticity Report

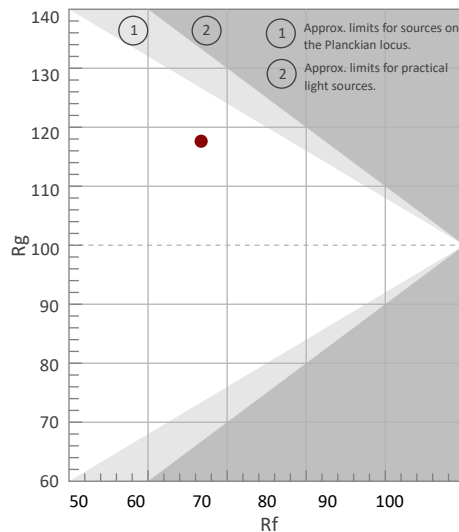
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

TM-30 Details

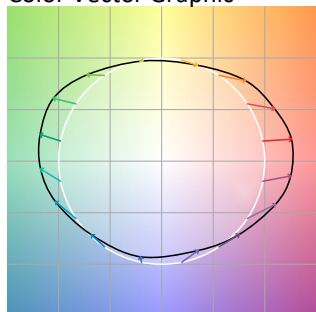
Rf 66.7
Fidelity Index
(Rg)

Rg 117.6
Gammut Index (Rg)

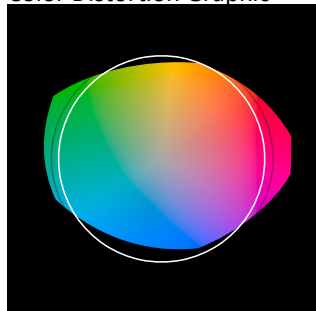
Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	53	28%	-4%
2	53	19%	-19%
3	50	10%	-24%
4	74	-2%	-16%
5	87	-1%	-1%
6	76	10%	14%
7	65	21%	8%
8	65	21%	-2%
9	69	17%	-16%
10	57	7%	-25%
11	72	-3%	-17%
12	84	-5%	-2%
13	77	-8%	18%
14	62	1%	23%
15	59	15%	26%
16	58	26%	10%



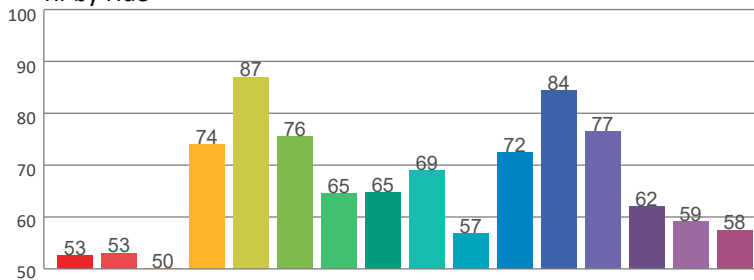
Color Vector Graphic



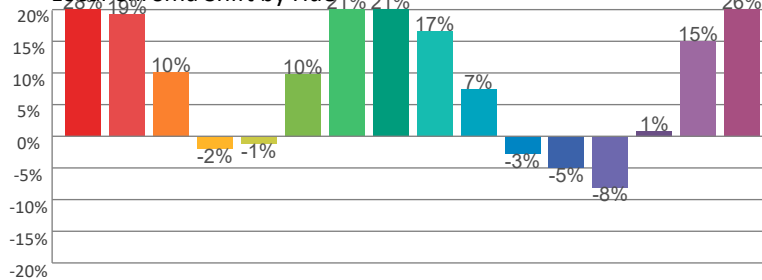
Color Distortion Graphic



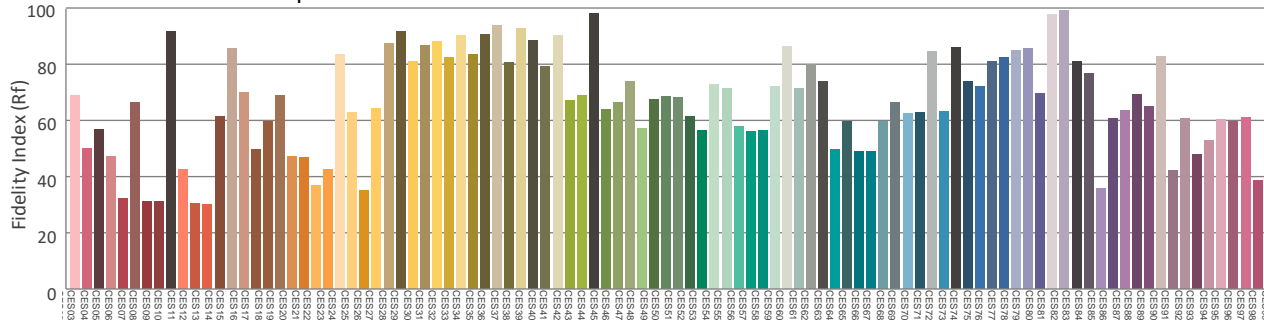
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% - Zoom Both Zoom Zone w/Ring - 4200K - Cali Off - M

Report Summary

Measurements

Fixture Output: 10464 lm
Fixture Peak: 31322 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1253 lux
Color Temperature: 4224 K
CRI: 53.5 CRI R9 Value: -108.9
CQS: 67.5
TLCI: 29
TM-30 Rf: 70.1
TM-30 Rg: 118.0
Beam Angle (50%): 36.3°
Field Angle (10%): 48.7°
Cutoff Angle (3%): 53.9°

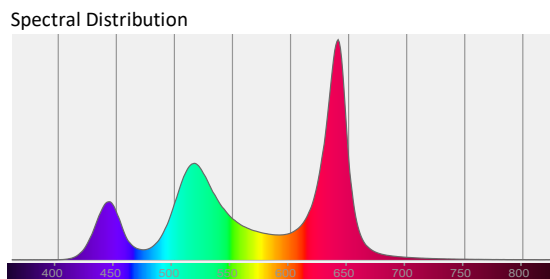
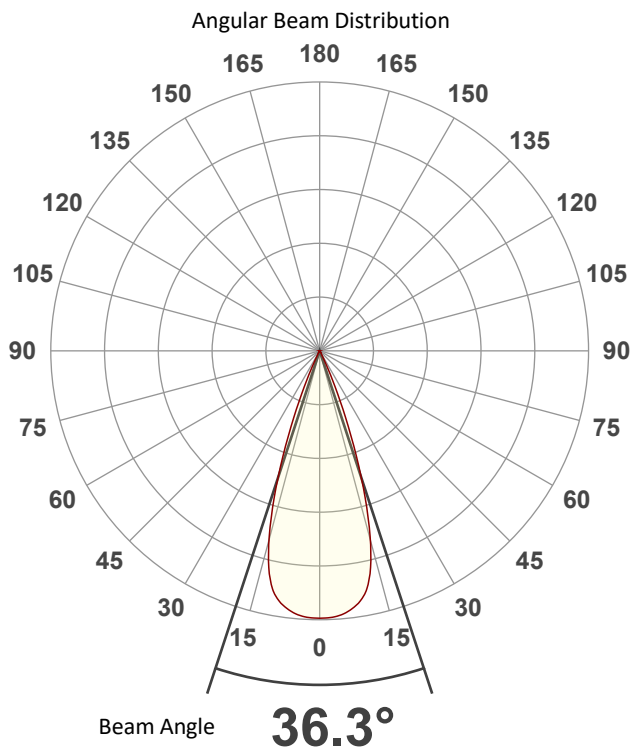


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.375
Y: 0.386

Light Quality
CRI: 53.5

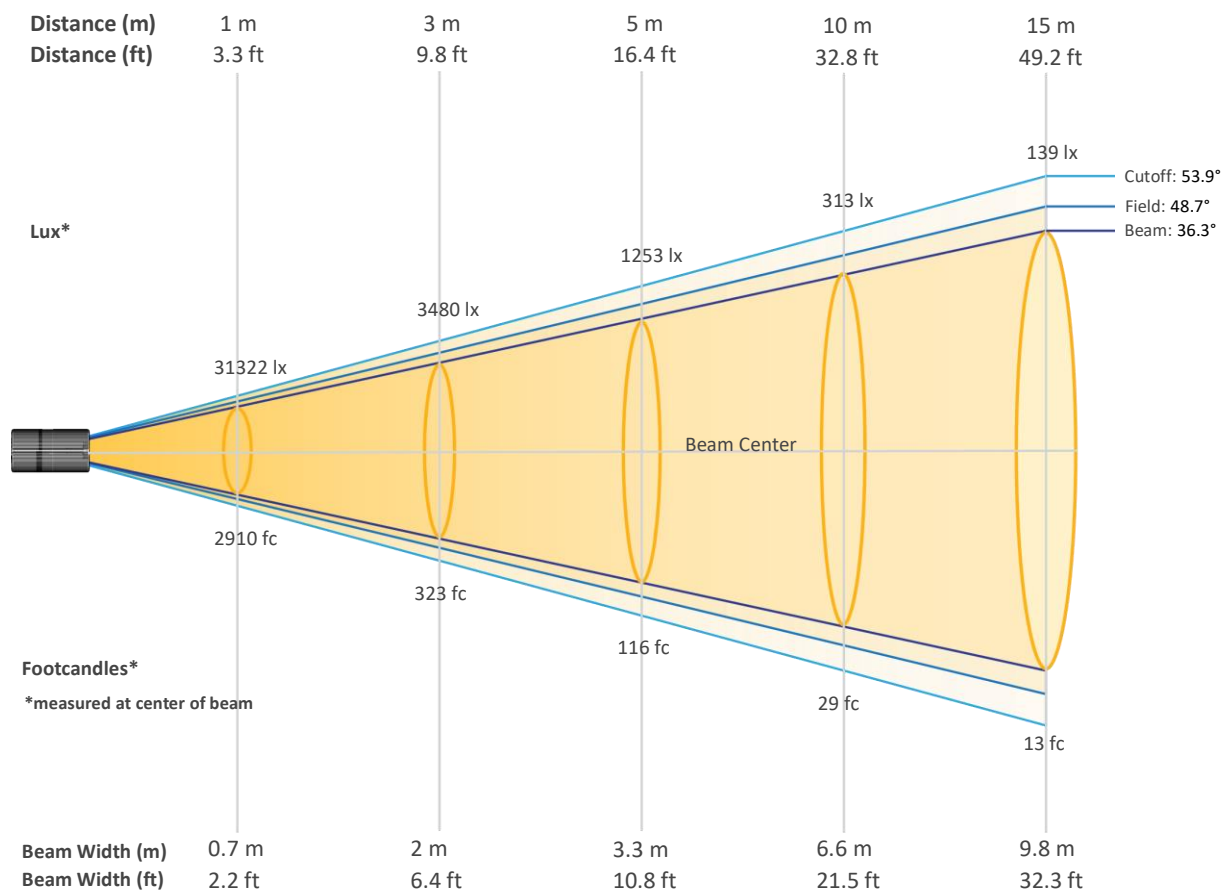
Color Temperature
4224 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

Beam Details

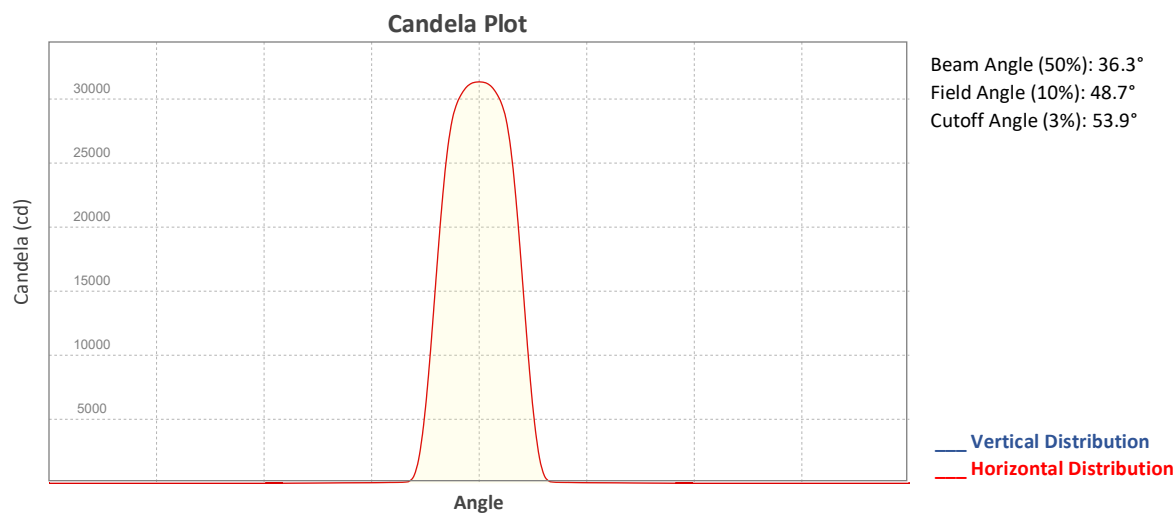


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31322	7830	3480	1958	1253	870	639	489	387	313
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	259	218	185	160	139	122	108	97	87	78
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2910	727	323	182	116	81	59	45	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

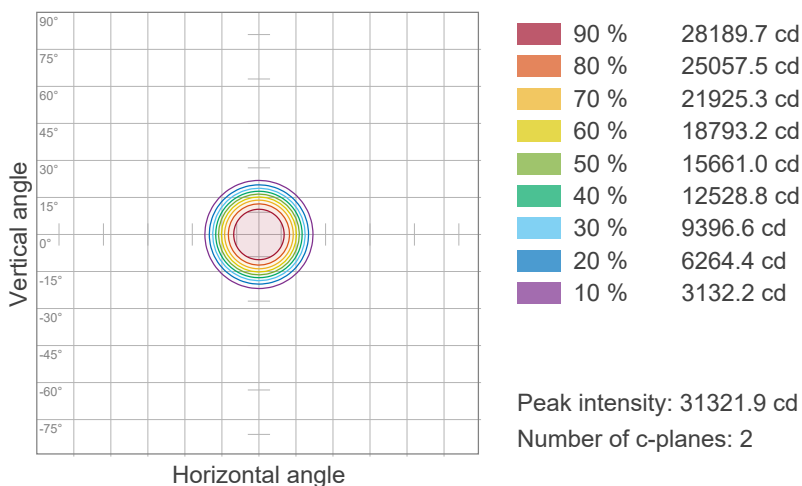
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

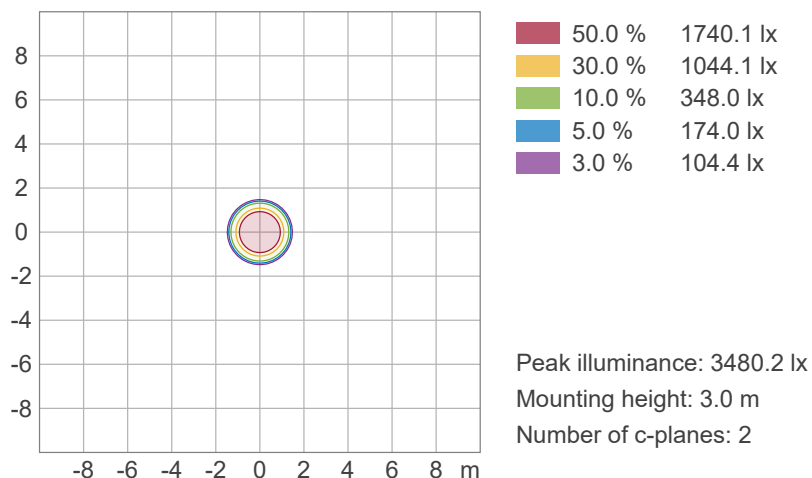


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

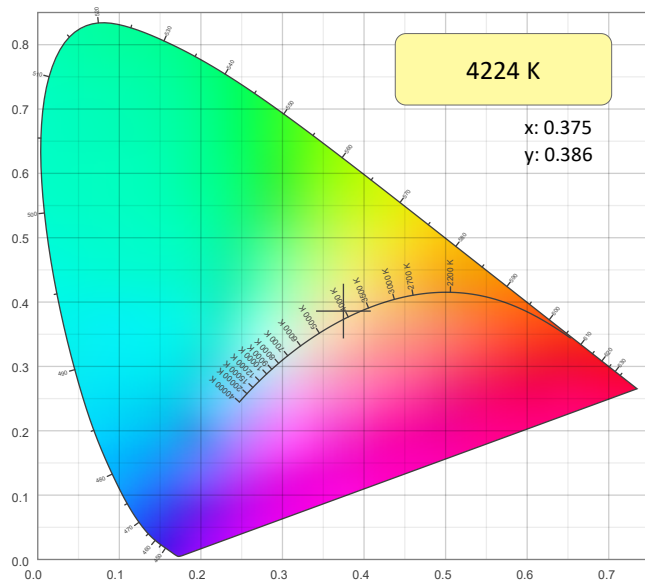


Photometric & Chromaticity Report

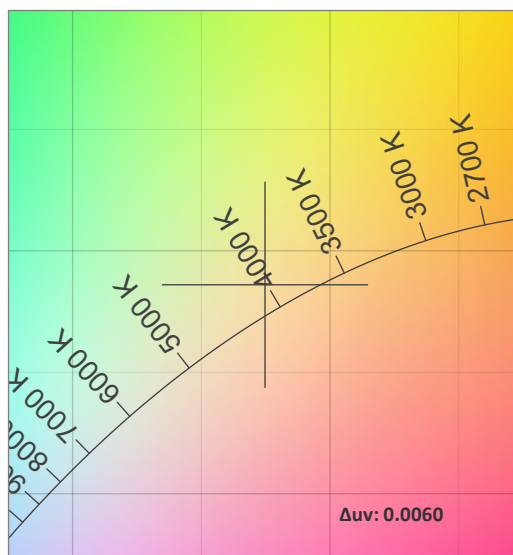
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

Chromaticity

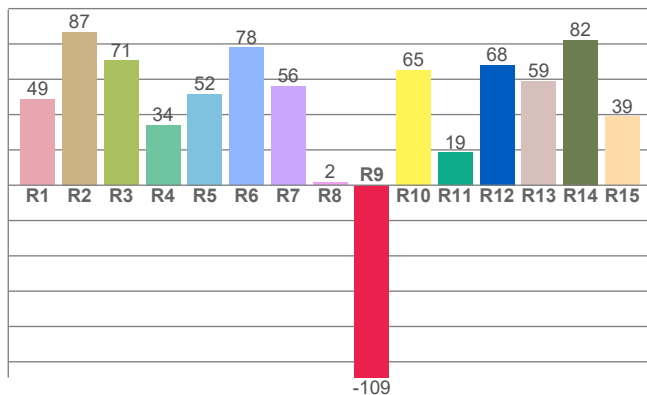
CIE 1931



CIE 1931 - Zoom



CRI: 53.5 (R1-R8)

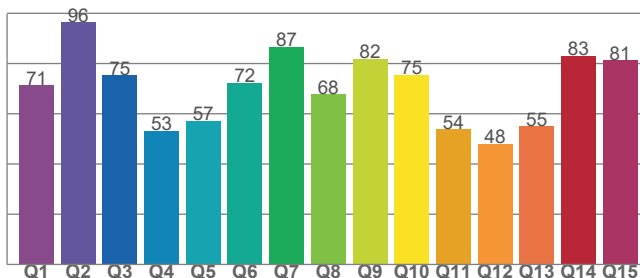


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4224 K	0.375	0.386

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0060	0.386	0.218

CQS: 67.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.5	-108.9	67.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
29	70.1	118.0

Photometric & Chromaticity Report

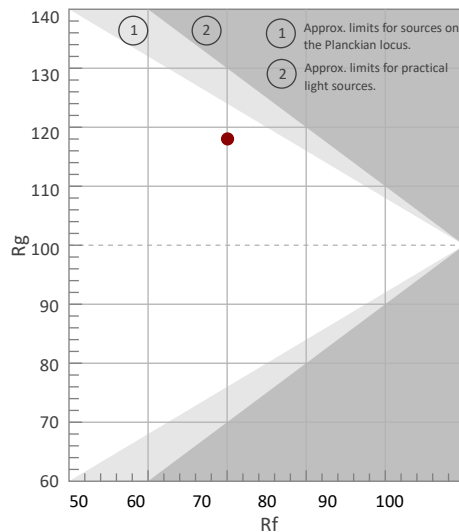
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 4200K

TM-30 Details

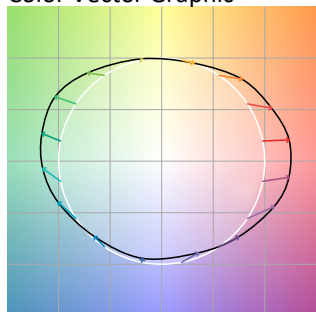
Rf 70.1
Fidelity Index (Rg)

Rg 118.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	57	25%	-4%
2	58	17%	-17%
3	57	9%	-20%
4	79	-1%	-12%
5	89	1%	0%
6	76	11%	12%
7	67	21%	5%
8	67	19%	-4%
9	71	14%	-16%
10	61	6%	-23%
11	77	-3%	-14%
12	87	-4%	0%
13	78	-6%	17%
14	65	2%	21%
15	62	15%	24%
16	61	24%	9%



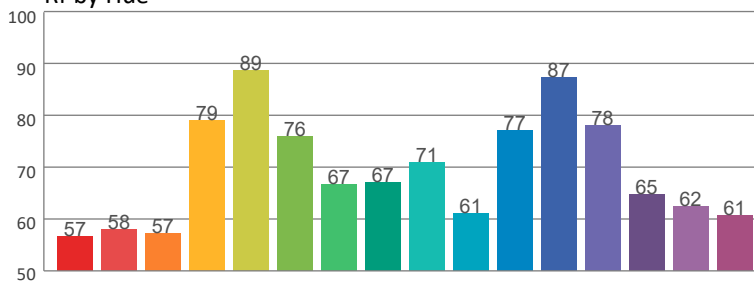
Color Vector Graphic



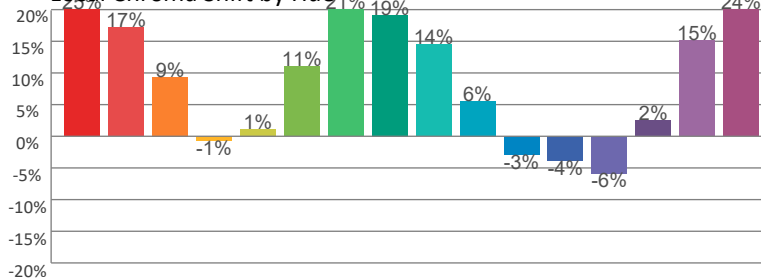
Color Distortion Graphic



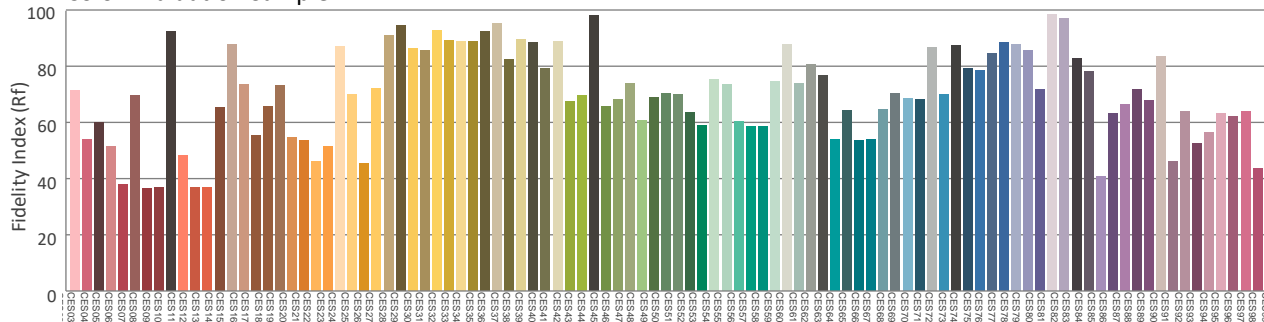
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 5600K - Cali Off

Report Summary

Measurements

Fixture Output: 10750 lm
Fixture Peak: 151412 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6056 lux
Color Temperature: 4435 K
CRI: 48.1 CRI R9 Value: -141.6
CQS: 66.6
TLCI: 27
TM-30 Rf: 67.6
TM-30 Rg: 121.0
Beam Angle (50%): 16°
Field Angle (10%): 23.1°
Cutoff Angle (3%): 26°

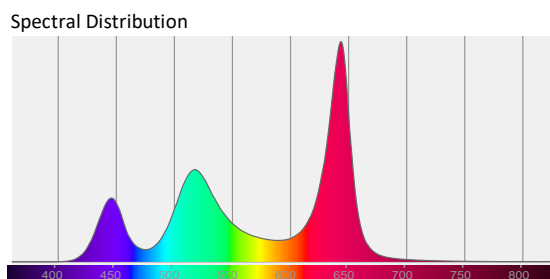
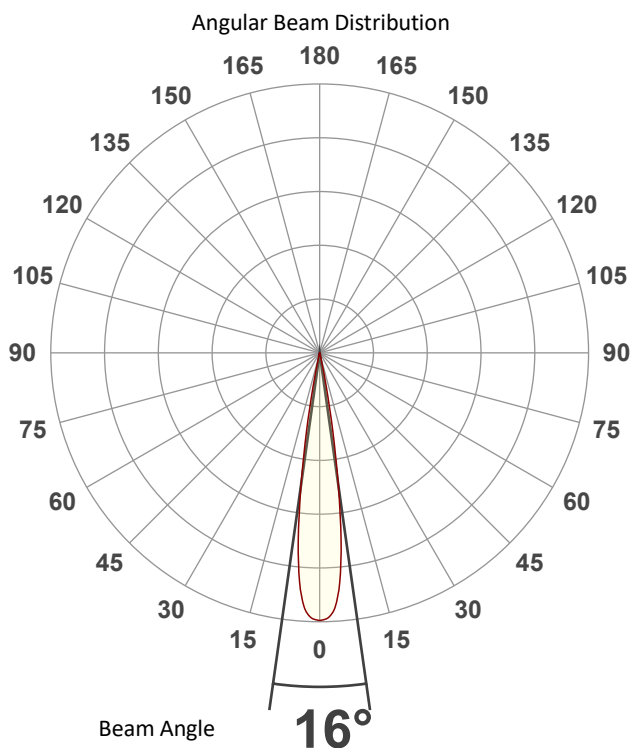


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.364

Y: 0.370



Light Quality

CRI: 48.1

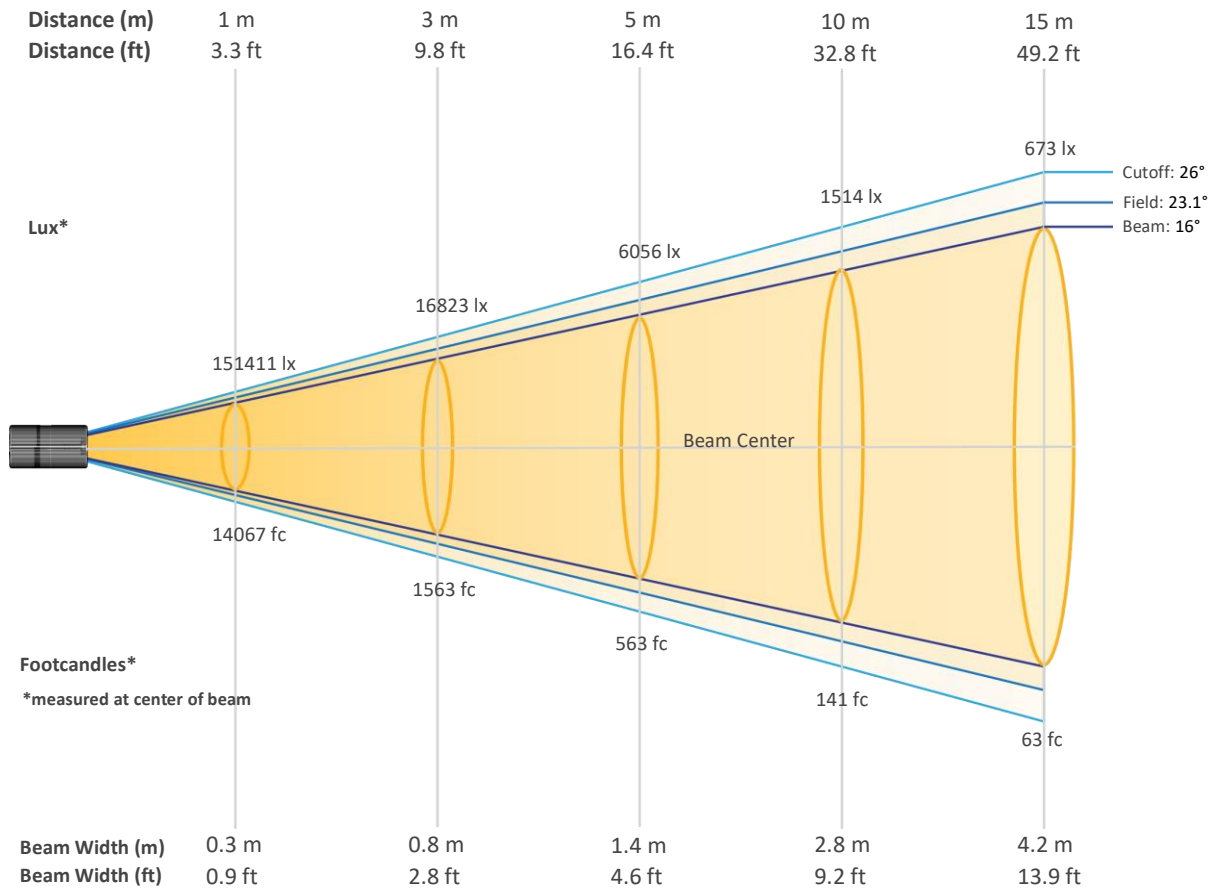
Color Temperature

4435 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

Beam Details

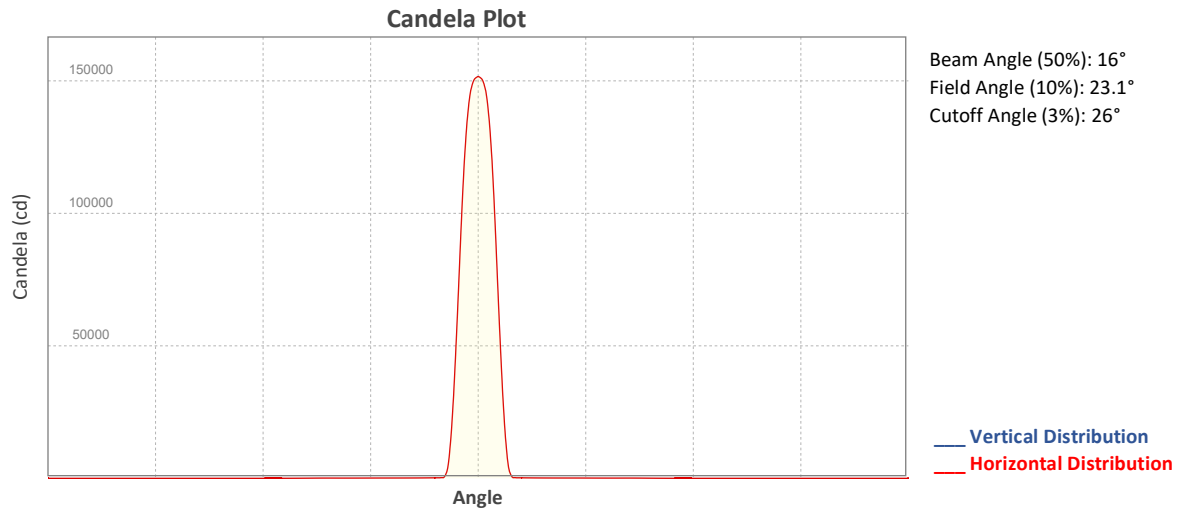


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	151411	37853	16823	9463	6056	4206	3090	2366	1869	1514
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1251	1051	896	773	673	591	524	467	419	379
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14067	3517	1563	879	563	391	287	220	174	141
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	116	98	83	72	63	55	49	43	39	35

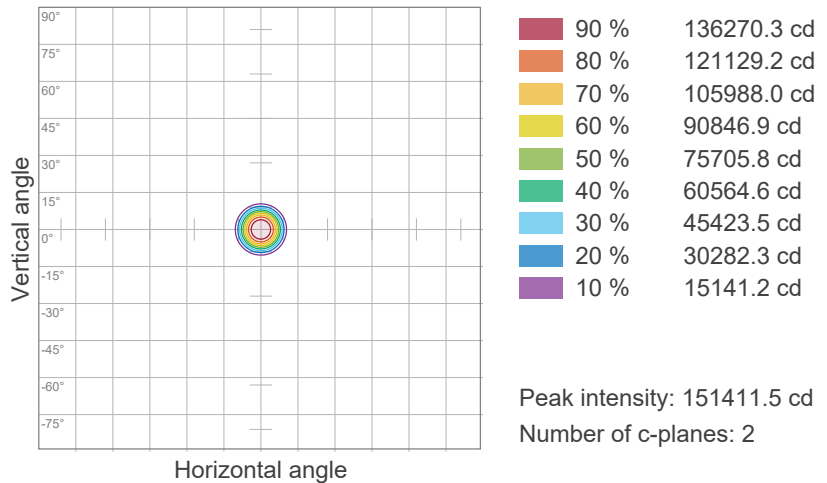
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

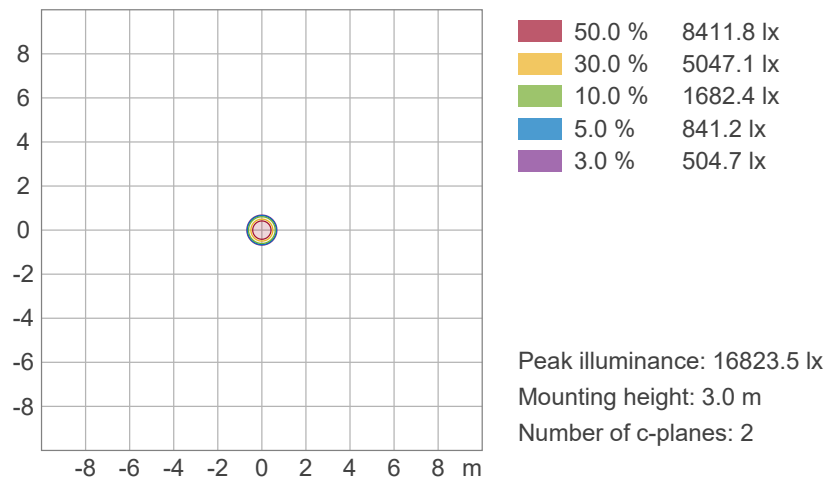


ISO Diagrams

ISO Candela Diagram



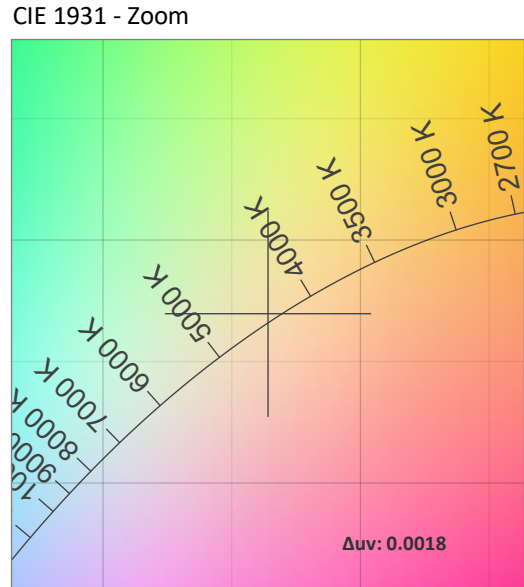
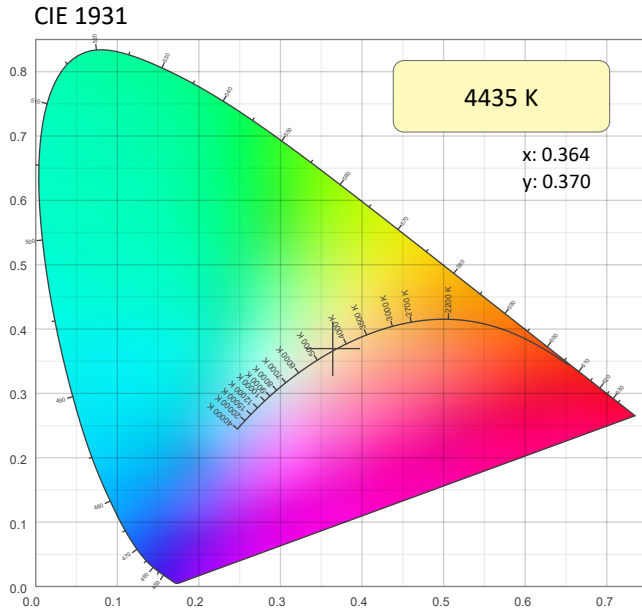
ISO Lux Diagram



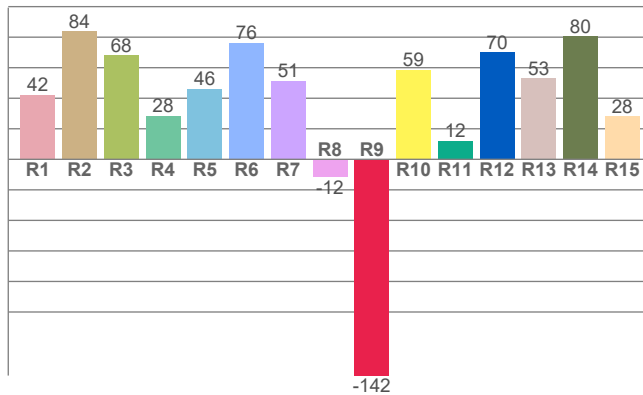
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

Chromaticity



CRI: 48.1 (R1-R8)

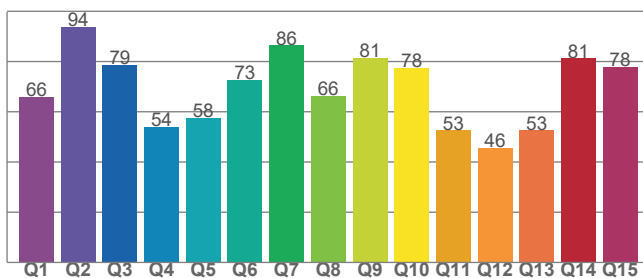


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4435 K	0.364	0.370

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0018	0.370	0.217

CQS: 66.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
48.1	-141.6	66.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
27	67.6	121.0

Photometric & Chromaticity Report

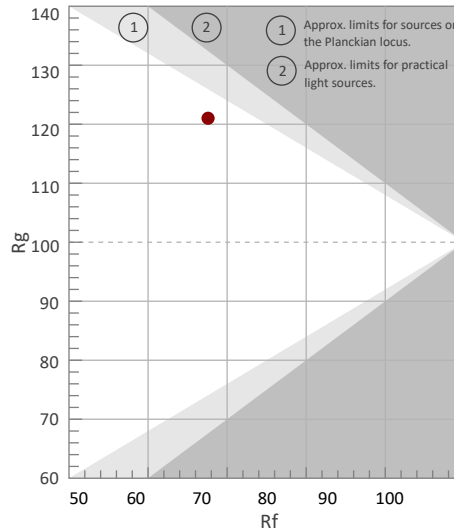
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

TM-30 Details

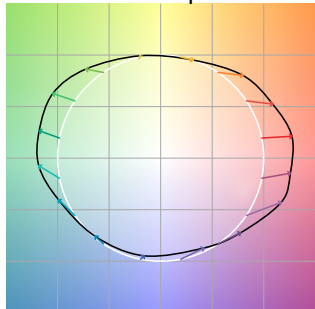
Rf 67.6
Fidelity Index (Rg)

Rg 121.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	46	29%	-4%
2	60	19%	-17%
3	53	11%	-22%
4	79	-1%	-13%
5	88	1%	1%
6	74	12%	12%
7	64	22%	6%
8	65	21%	-3%
9	71	17%	-16%
10	60	5%	-21%
11	79	-2%	-11%
12	85	-4%	3%
13	71	-6%	24%
14	60	3%	24%
15	60	21%	29%
16	51	26%	10%



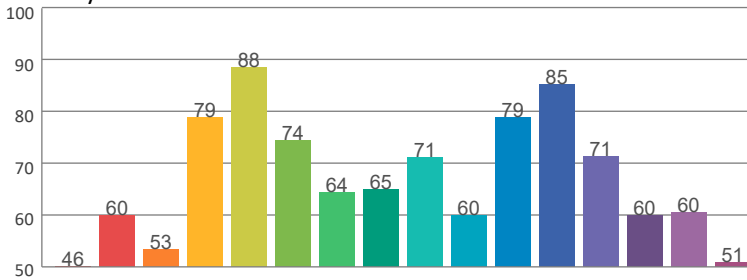
Color Vector Graphic



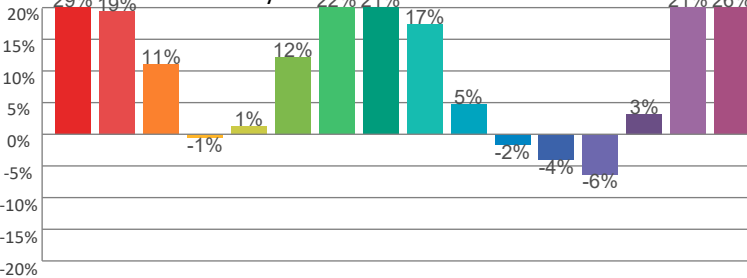
Color Distortion Graphic



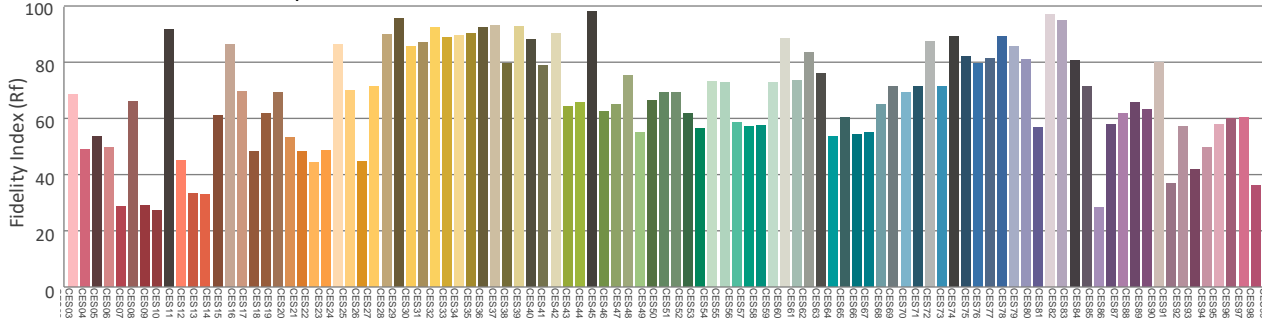
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 5600K - Cali Off - M

Report Summary

Measurements

Fixture Output: 12120 lm
Fixture Peak: 35719 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1429 lux
Color Temperature: 5598 K
CRI: 78.6 CRI R9 Value: 11.1
CQS: 86.0
TLCI: 64
TM-30 Rf: 83.2
TM-30 Rg: 113.0
Beam Angle (50%): 36.7°
Field Angle (10%): 48.8°
Cutoff Angle (3%): 53.9°

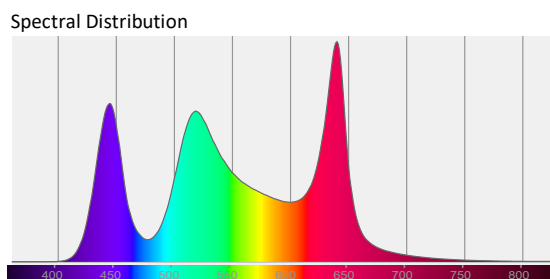
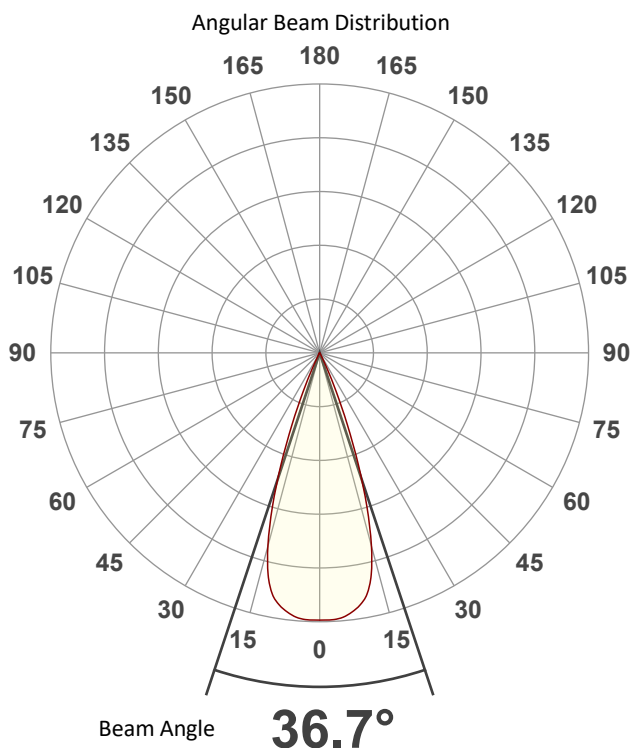


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.330

Y: 0.357



Light Quality

CRI: 78.6

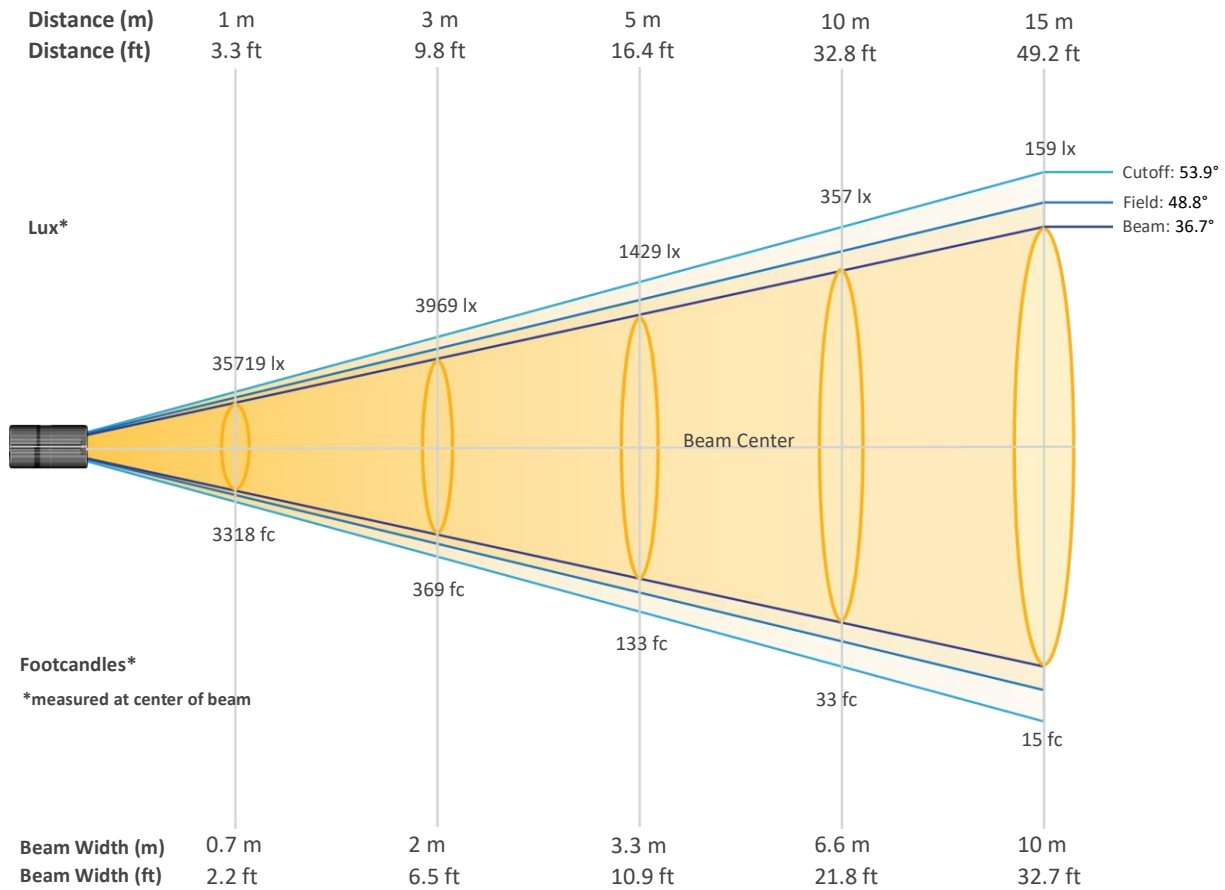
Color Temperature

5598 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

Beam Details

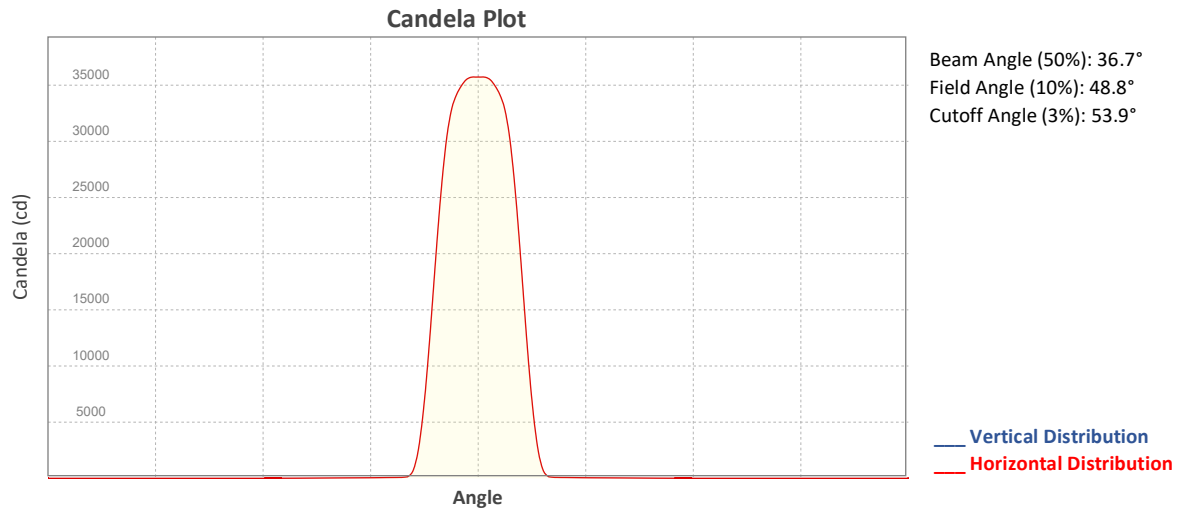


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35719	8930	3969	2232	1429	992	729	558	441	357
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	295	248	211	182	159	140	124	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3318	830	369	207	133	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

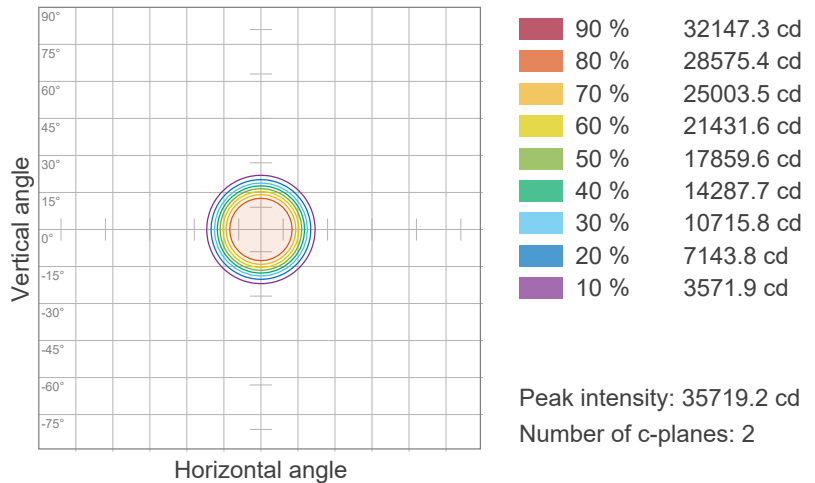
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

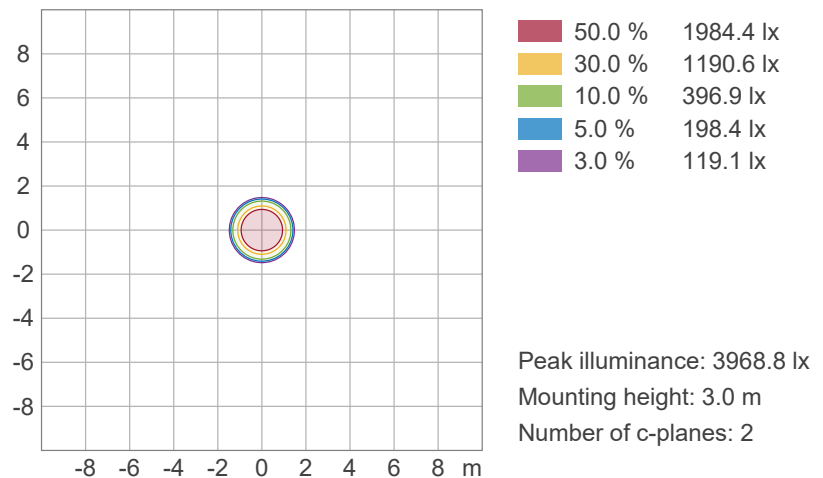


ISO Diagrams

ISO Candela Diagram



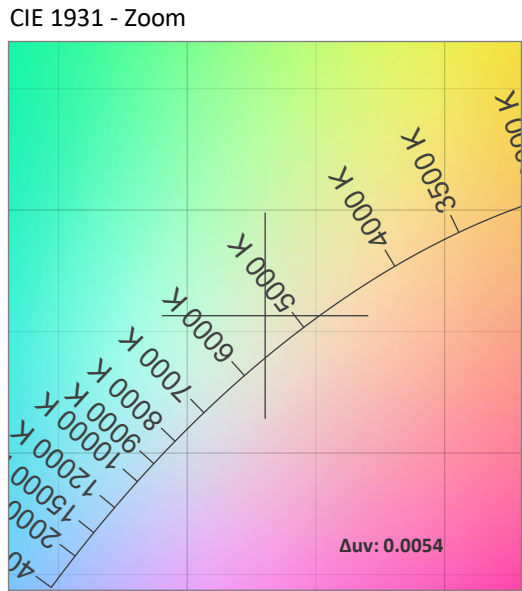
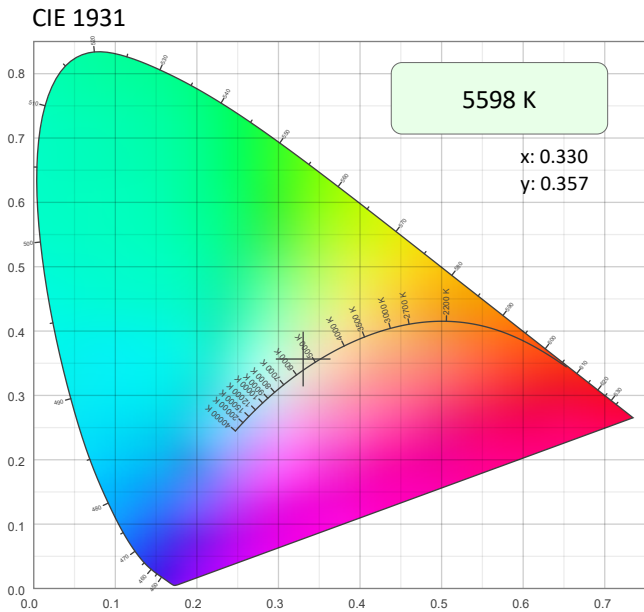
ISO Lux Diagram



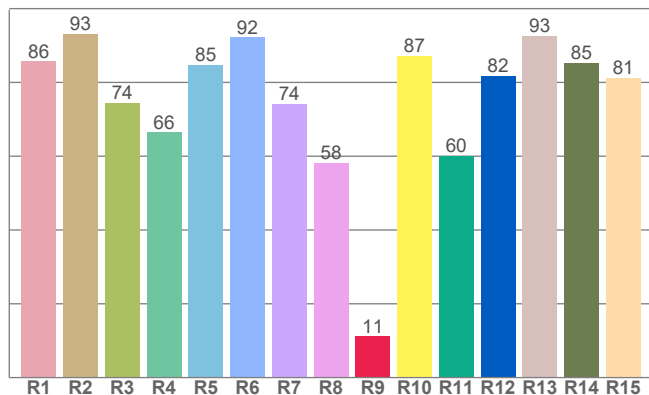
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

Chromaticity



CRI: 78.6 (R1-R8)

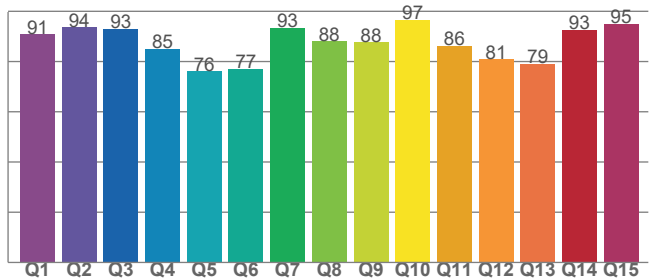


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5598 K	0.330	0.357

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0054	0.357	0.200

CQS: 86.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78.6	11.1	86.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	83.2	113.0



Photometric & Chromaticity Report

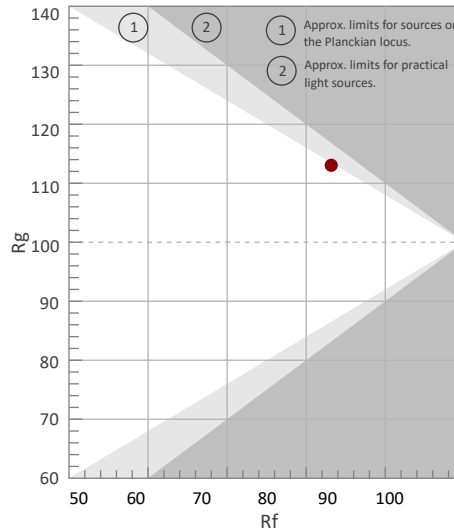
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 5600K

TM-30 Details

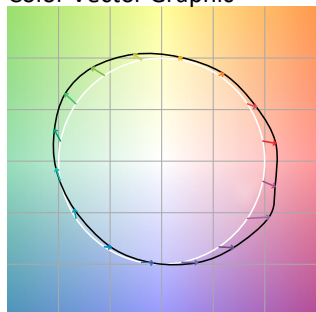
Rf 83.2
Fidelity Index (Rg)

Rg 113.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	75	12%	-5%
2	84	6%	-7%
3	89	4%	-3%
4	91	2%	3%
5	86	7%	6%
6	79	13%	6%
7	78	14%	-2%
8	79	8%	-9%
9	85	2%	-13%
10	85	-4%	-8%
11	88	-3%	5%
12	84	-1%	11%
13	83	3%	15%
14	78	8%	11%
15	78	17%	13%
16	78	13%	-3%



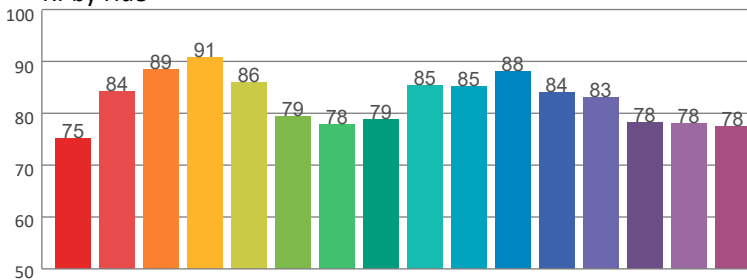
Color Vector Graphic



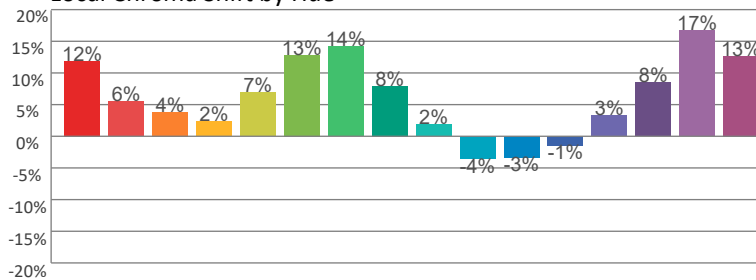
Color Distortion Graphic



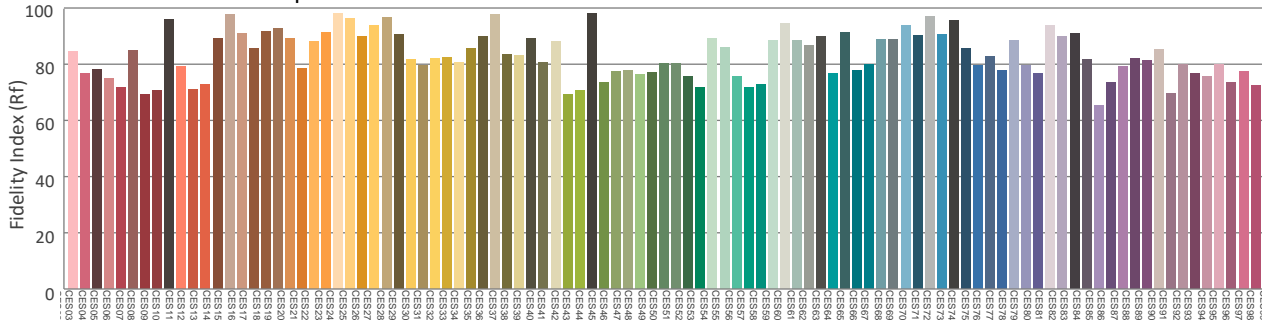
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 6500K - Cali Off

Report Summary

Measurements

Fixture Output: 10687 lm
Fixture Peak: 150681 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6027 lux
Color Temperature: 4429 K
CRI: 48.1 CRI R9 Value: -141.5
CQS: 66.6
TLCI: 27
TM-30 Rf: 67.6
TM-30 Rg: 121.0
Beam Angle (50%): 16°
Field Angle (10%): 23°
Cutoff Angle (3%): 26.1°

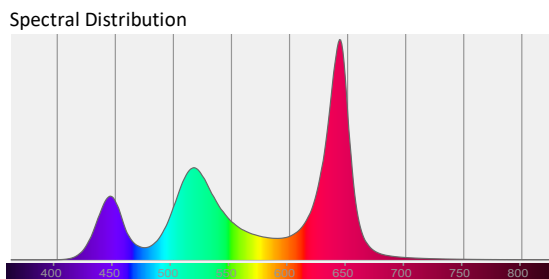
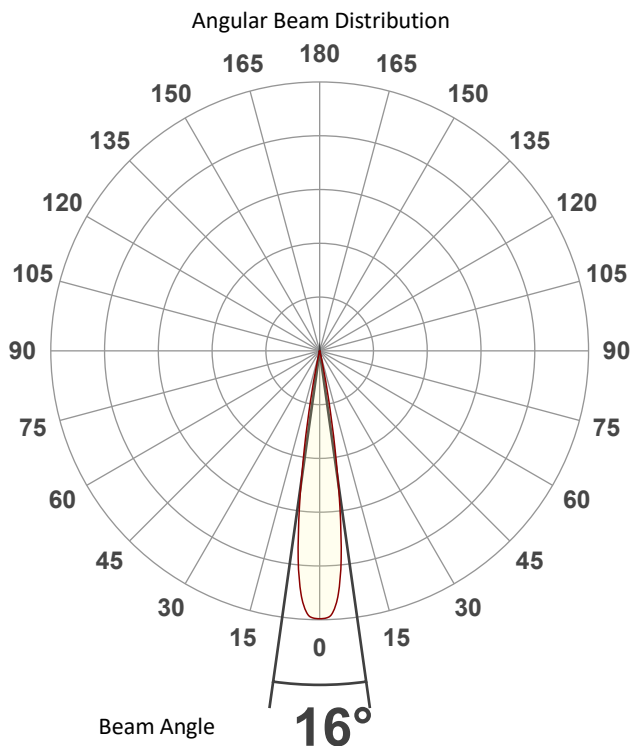


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.364
Y: 0.370

Light Quality
CRI: 48.1

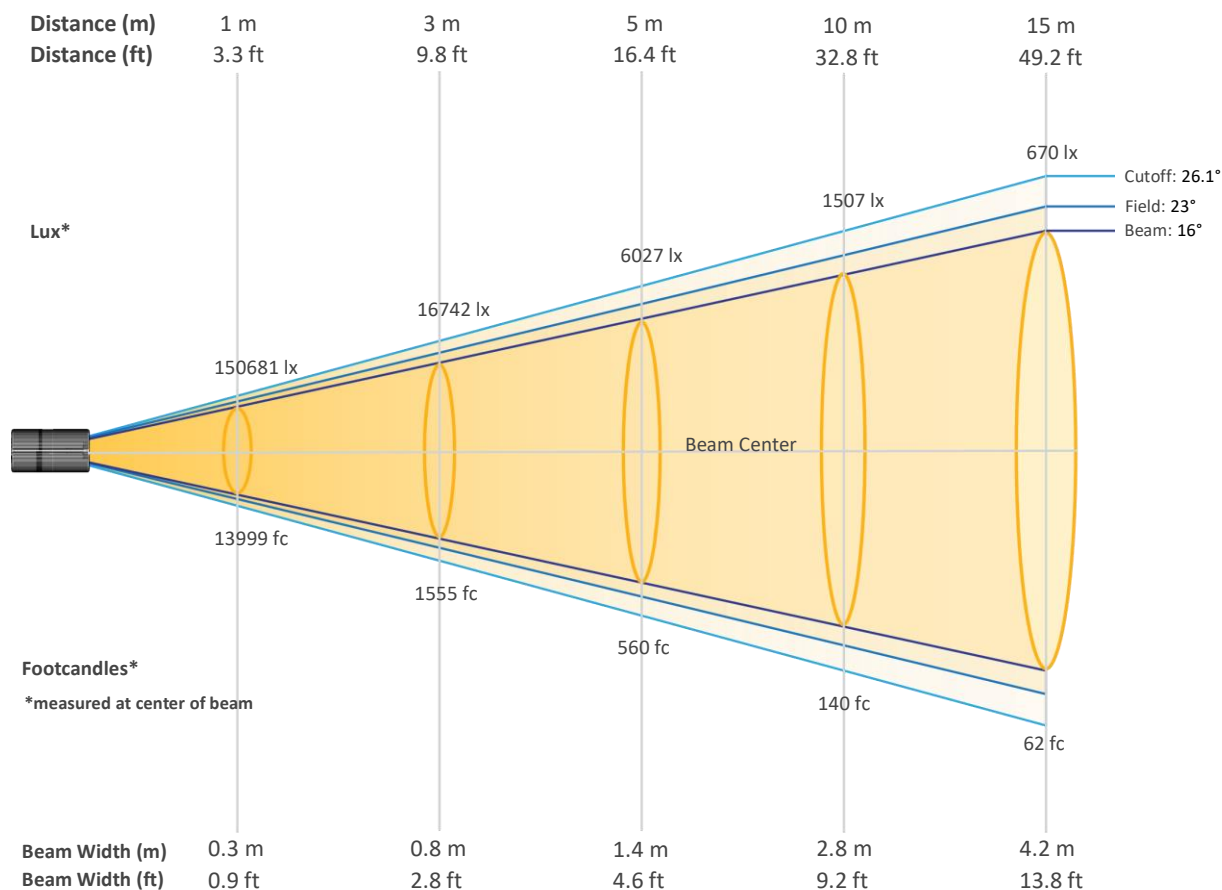
Color Temperature
4429 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

Beam Details

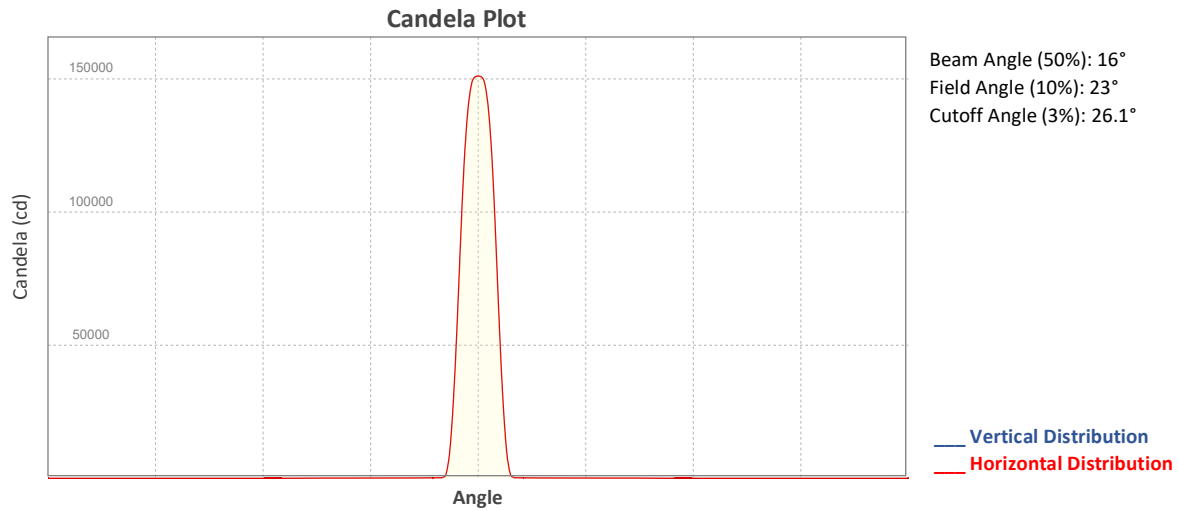


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	150681	37670	16742	9418	6027	4186	3075	2354	1860	1507
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1245	1046	892	769	670	589	521	465	417	377
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13999	3500	1555	875	560	389	286	219	173	140
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	116	97	83	71	62	55	48	43	39	35

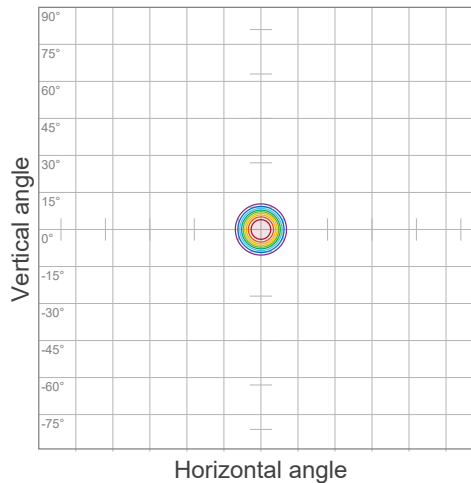
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K



ISO Diagrams

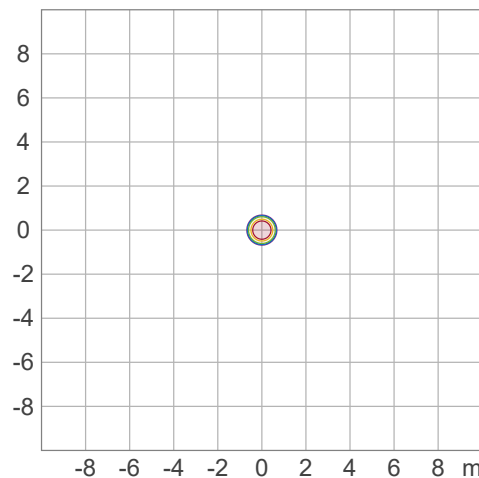
ISO Candela Diagram



90 %	135612.5 cd
80 %	120544.4 cd
70 %	105476.4 cd
60 %	90408.3 cd
50 %	75340.3 cd
40 %	60272.2 cd
30 %	45204.2 cd
20 %	30136.1 cd
10 %	15068.1 cd

Peak intensity: 150680.5 cd
Number of c-planes: 2

ISO Lux Diagram



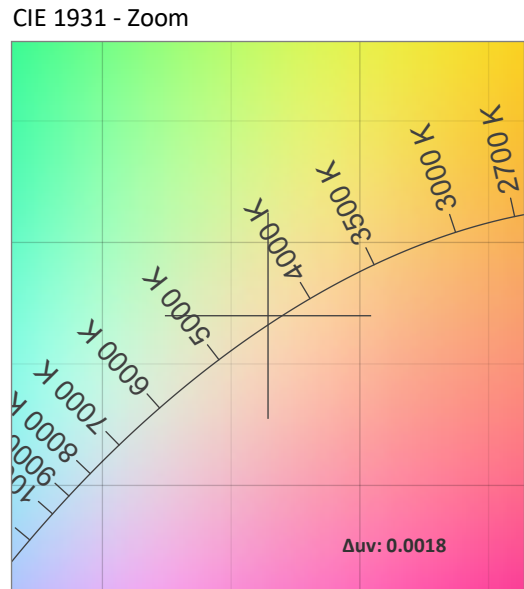
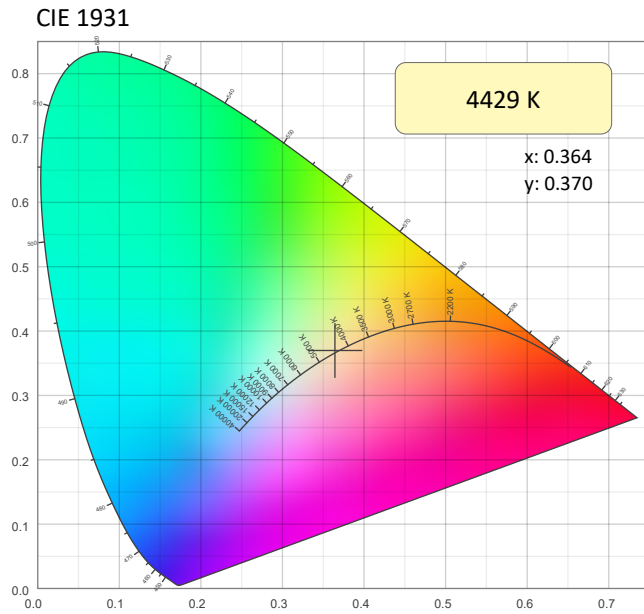
50.0 %	8371.1 lx
30.0 %	5022.7 lx
10.0 %	1674.2 lx
5.0 %	837.1 lx
3.0 %	502.3 lx

Peak illuminance: 16742.3 lx
Mounting height: 3.0 m
Number of c-planes: 2

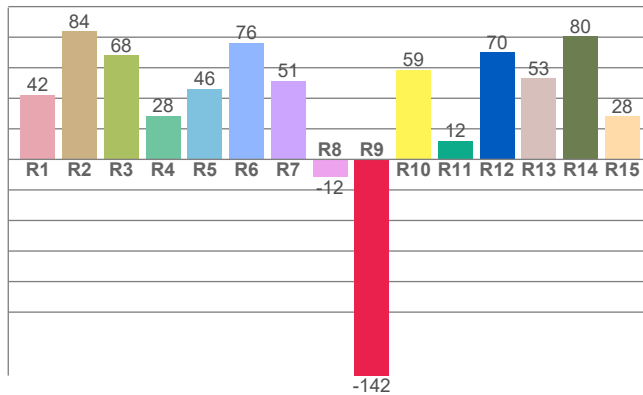
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

Chromaticity



CRI: 48.1 (R1-R8)

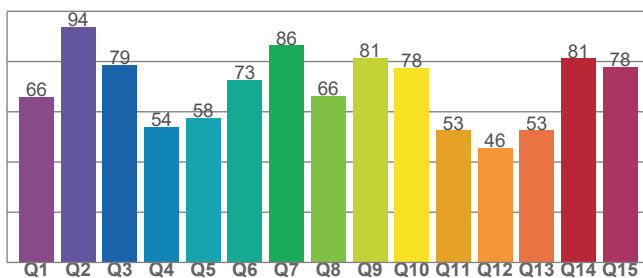


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4429 K	0.364	0.370

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0018	0.370	0.217

CQS: 66.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
48.1	-141.5	66.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
27	67.6	121.0

Photometric & Chromaticity Report

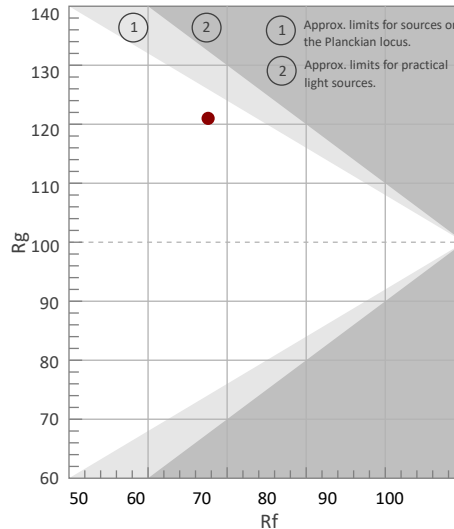
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

TM-30 Details

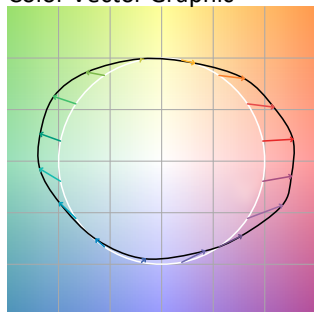
Rf 67.6
Fidelity Index (Rg)

Rg 121.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	46	29%	-4%
2	60	19%	-17%
3	53	11%	-22%
4	79	-1%	-13%
5	88	1%	1%
6	74	12%	12%
7	64	22%	6%
8	65	21%	-3%
9	71	17%	-16%
10	60	5%	-21%
11	79	-2%	-11%
12	85	-4%	3%
13	71	-6%	24%
14	60	3%	24%
15	60	21%	29%
16	51	26%	10%



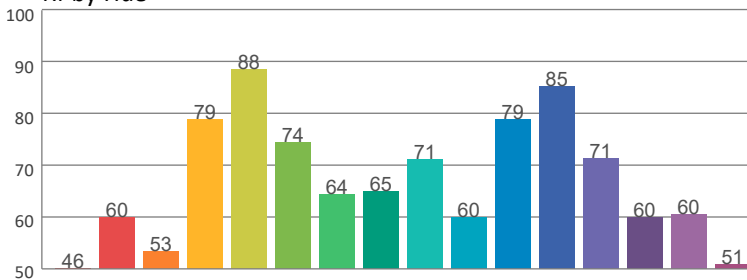
Color Vector Graphic



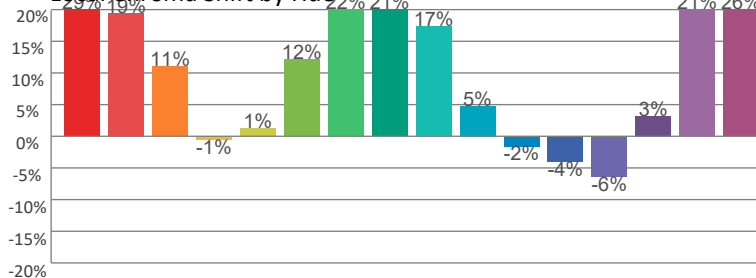
Color Distortion Graphic



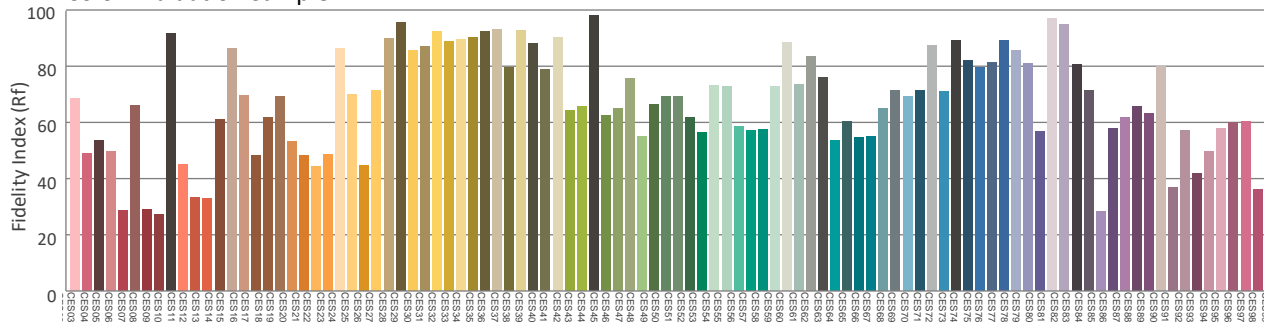
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 6500K - Cali Off - M

Report Summary

Measurements

Fixture Output: 11949 lm
Fixture Peak: 35196 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1408 lux
Color Temperature: 6486 K
CRI: 77.0 CRI R9 Value: -7.6
CQS: 86.1
TLCI: 64
TM-30 Rf: 82.2
TM-30 Rg: 114.7
Beam Angle (50%): 36.8°
Field Angle (10%): 48.7°
Cutoff Angle (3%): 53.8°

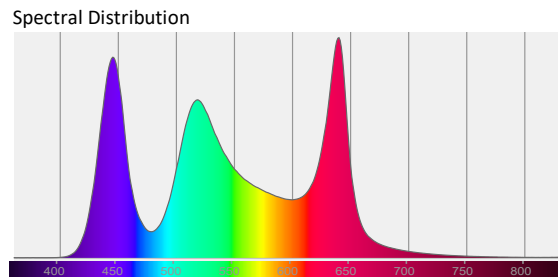
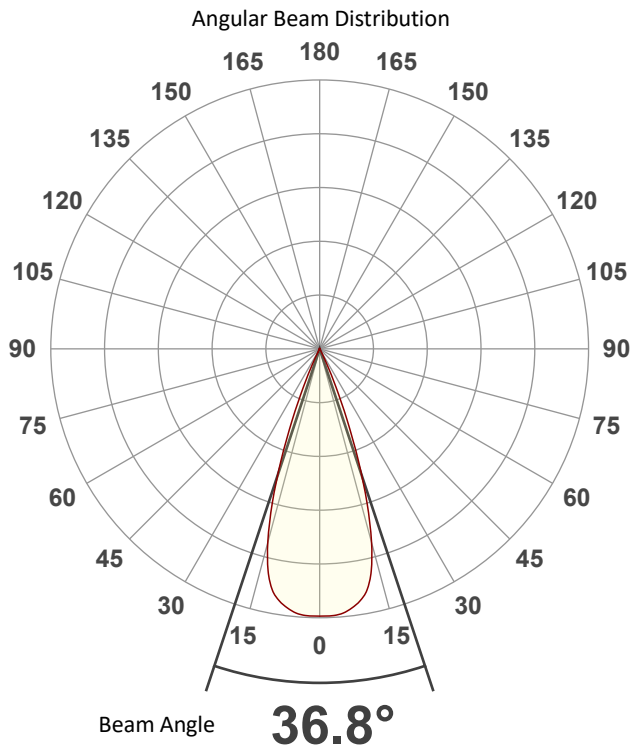


Conditions

AC Supply: 111 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

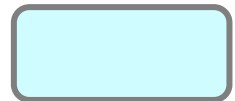
Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.331



Light Quality

CRI: 77.0

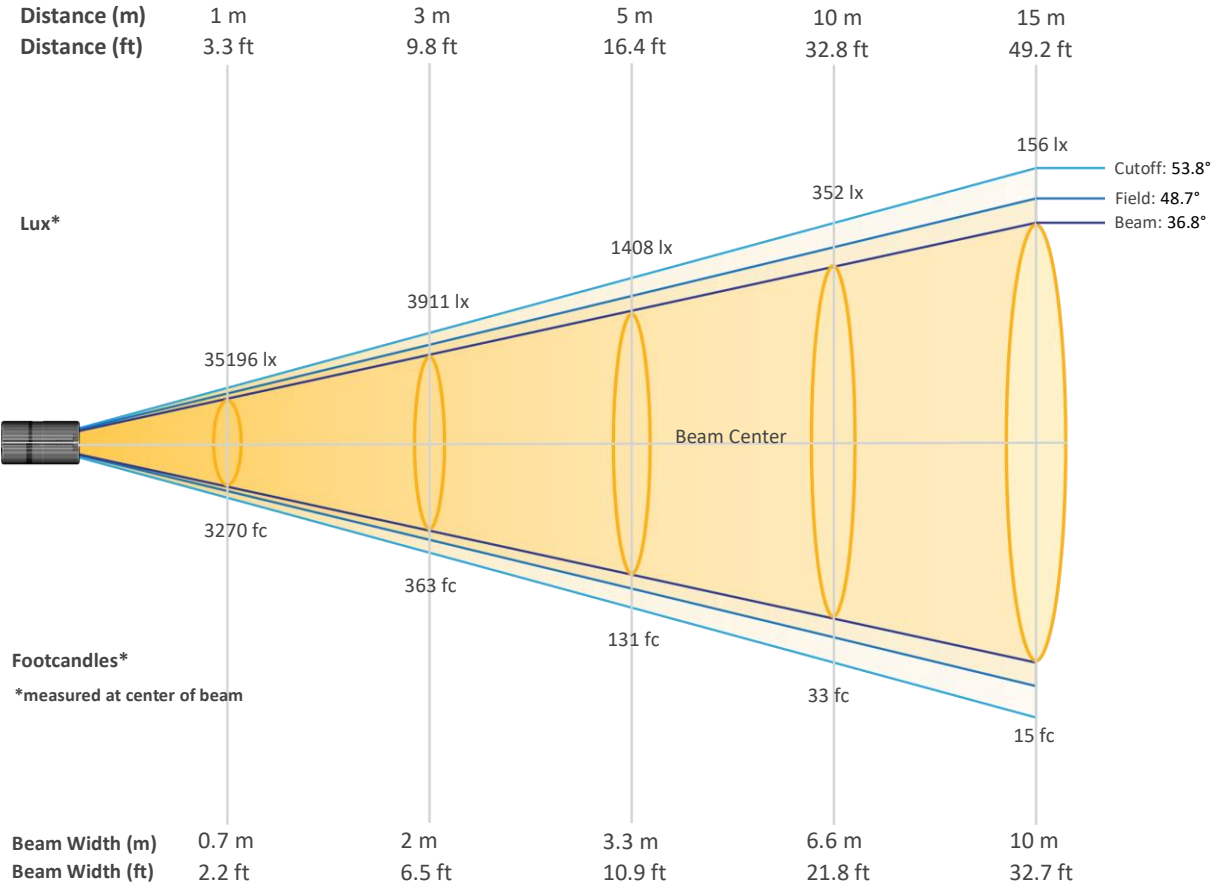
Color Temperature

6486 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

Beam Details



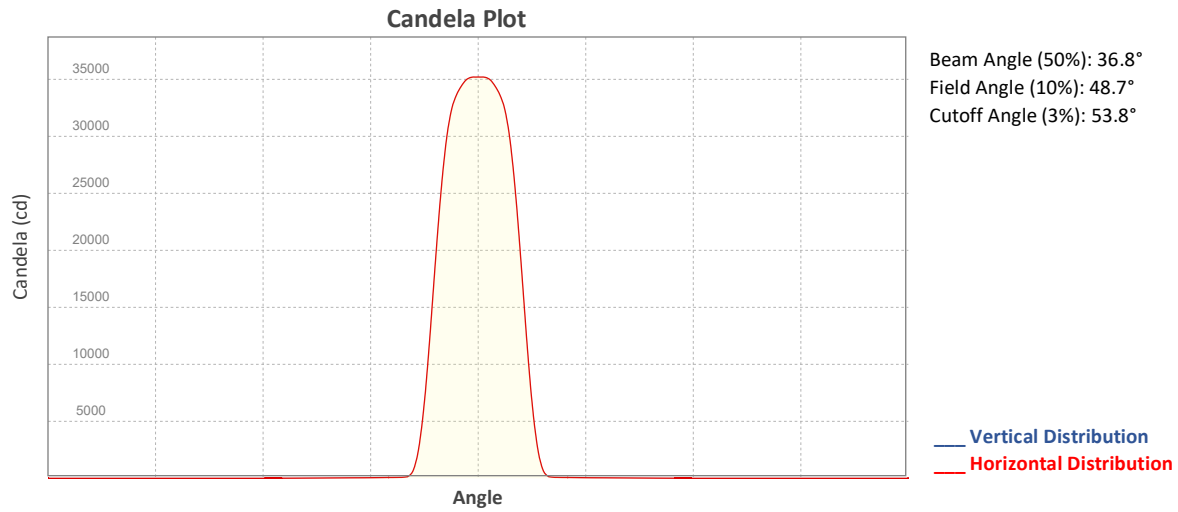
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35196	8799	3911	2200	1408	978	718	550	435	352
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	291	244	208	180	156	137	122	109	97	88
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3270	817	363	204	131	91	67	51	40	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	19	17	15	13	11	10	9	8



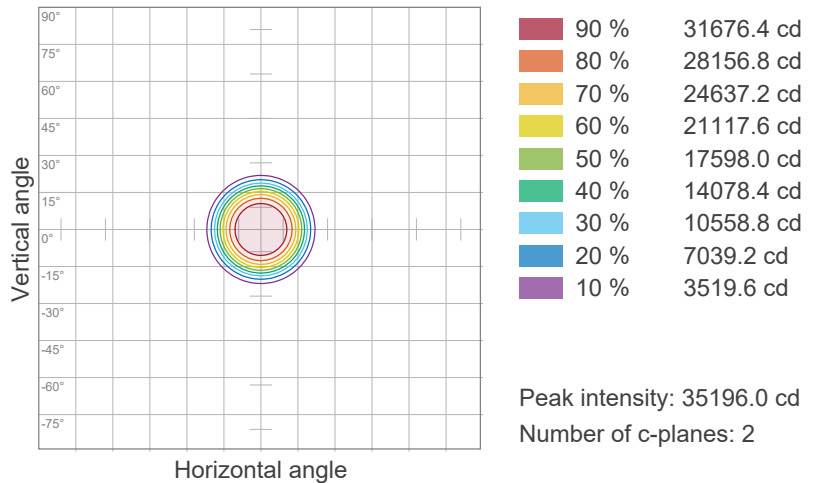
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

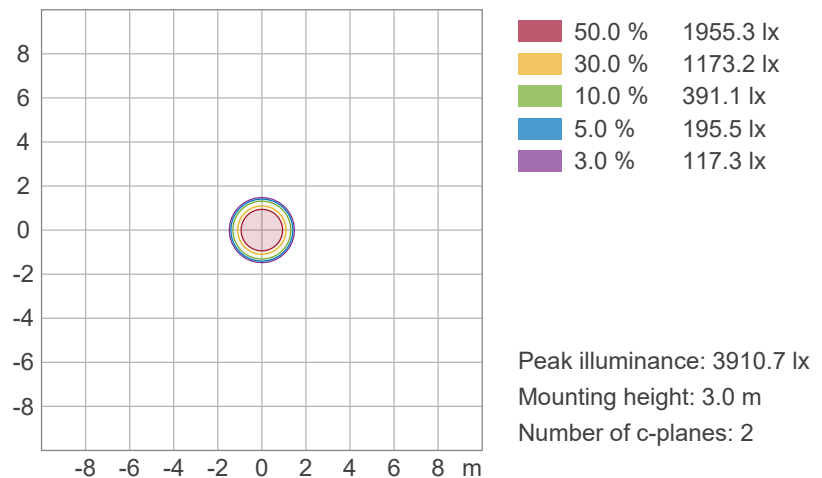


ISO Diagrams

ISO Candela Diagram



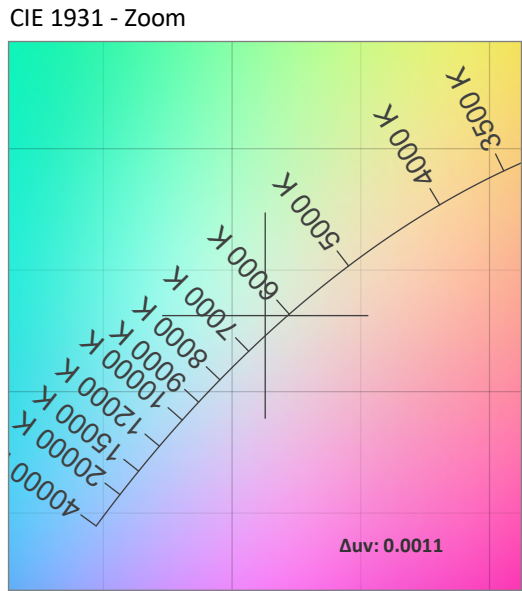
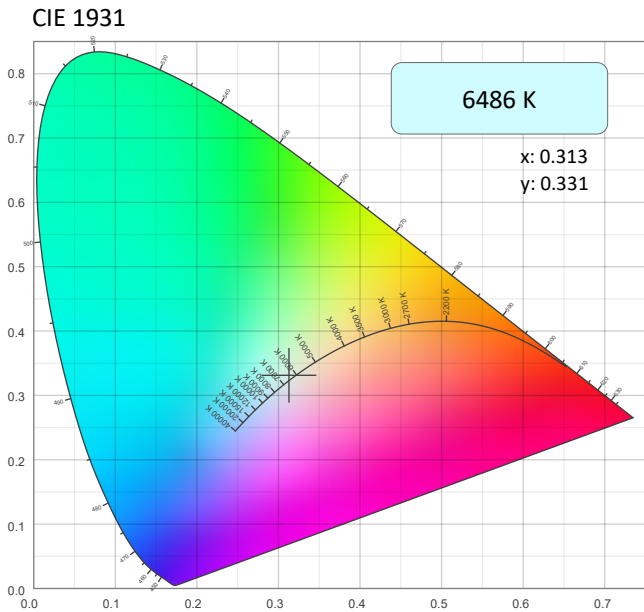
ISO Lux Diagram



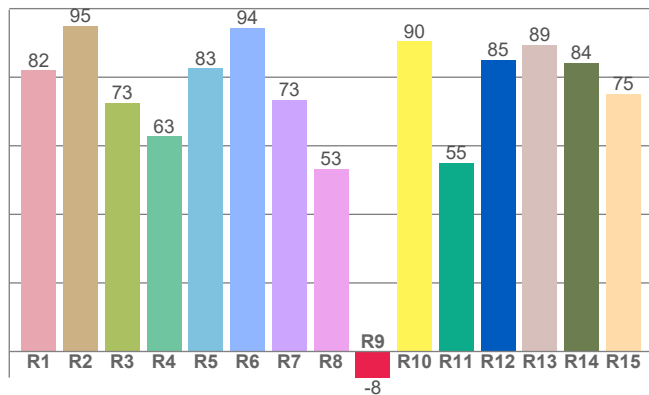
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

Chromaticity



CRI: 77.0 (R1-R8)

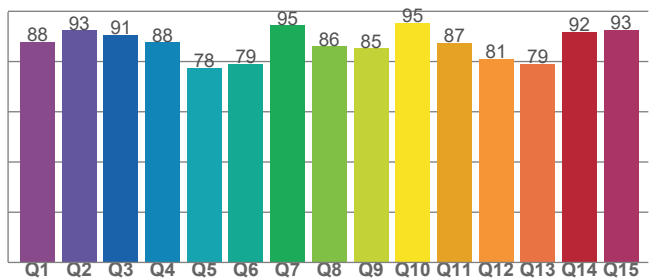


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6486 K	0.313	0.331

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0011	0.331	0.197

CQS: 86.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
77.0	-7.6	86.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	82.2	114.7



Photometric & Chromaticity Report

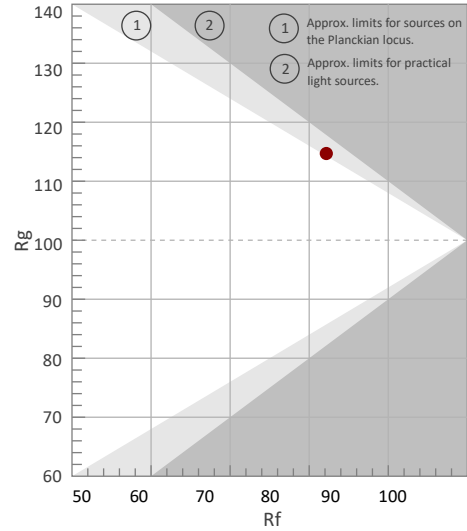
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 6500K

TM-30 Details

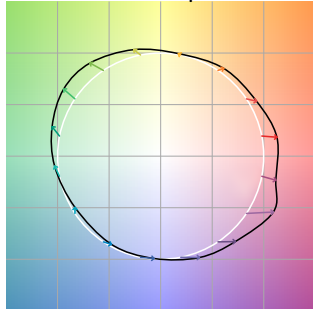
Rf 82.2
Fidelity Index (Rg)

Rg 114.7
Gammut Index (Rg)

Graphic shifts (%)			
Hue Bin	R _f	Chroma	Hue
1	72	14%	-4%
2	83	7%	-7%
3	87	5%	-4%
4	93	1%	3%
5	85	6%	5%
6	79	13%	7%
7	78	14%	-2%
8	80	9%	-7%
9	87	3%	-11%
10	88	-3%	-5%
11	86	-2%	8%
12	81	-1%	13%
13	80	4%	18%
14	74	9%	14%
15	73	21%	16%
16	76	14%	-1%



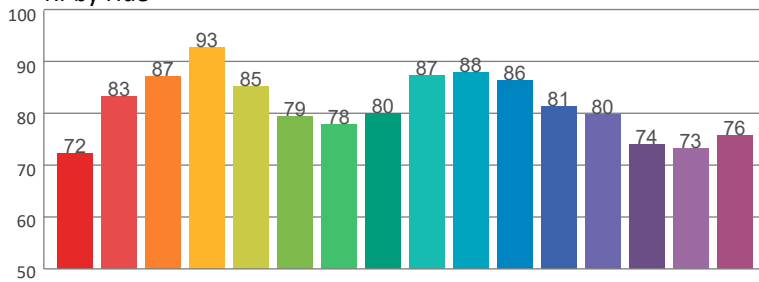
Color Vector Graphic



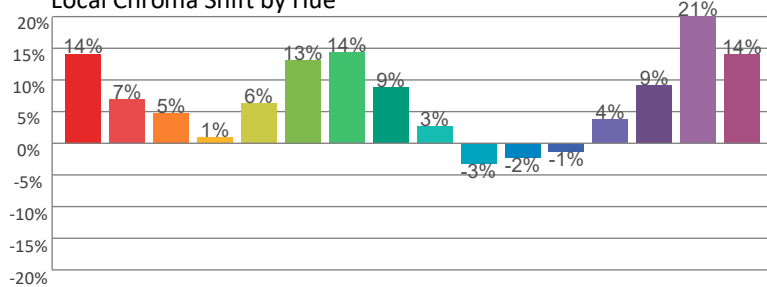
Color Distortion Graphic



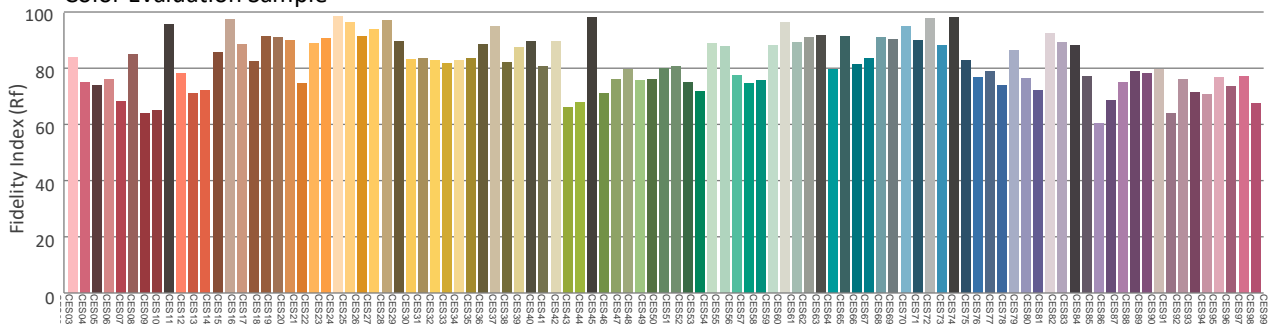
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 8000K - Cali Off

Report Summary

Measurements

Fixture Output: 9097 lm
Fixture Peak: 128033 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 5121 lux
Color Temperature: 5669 K
CRI: 77.9 CRI R9 Value: 4.2
CQS: 86.0
TLCI: 64
TM-30 Rf: 82.7
TM-30 Rg: 113.8
Beam Angle (50%): 16.3°
Field Angle (10%): 22.4°
Cutoff Angle (3%): 25.6°

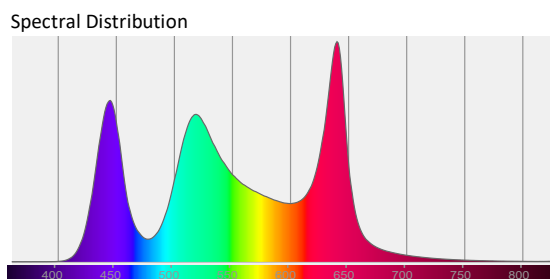
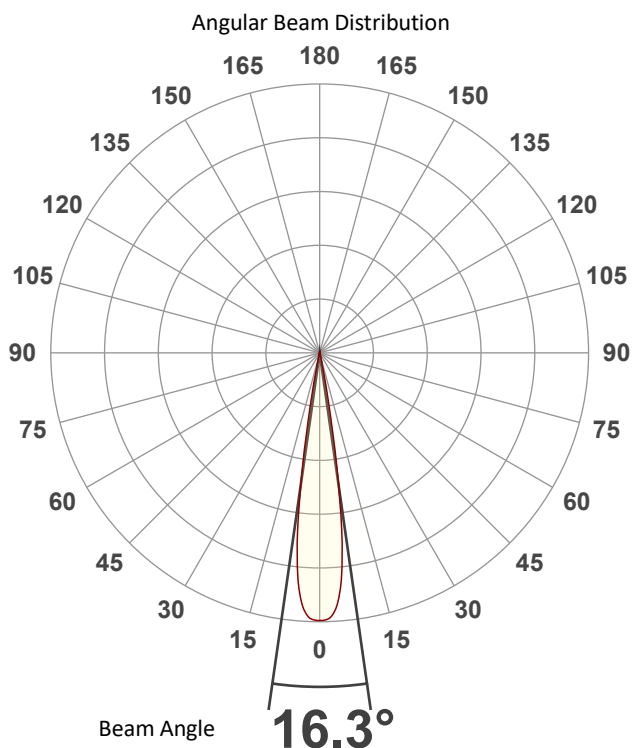


Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

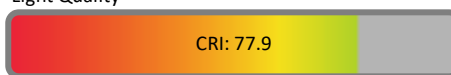
X: 0.329

Y: 0.352



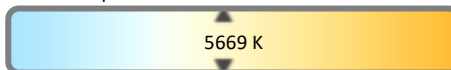
Light Quality

CRI: 77.9



Color Temperature

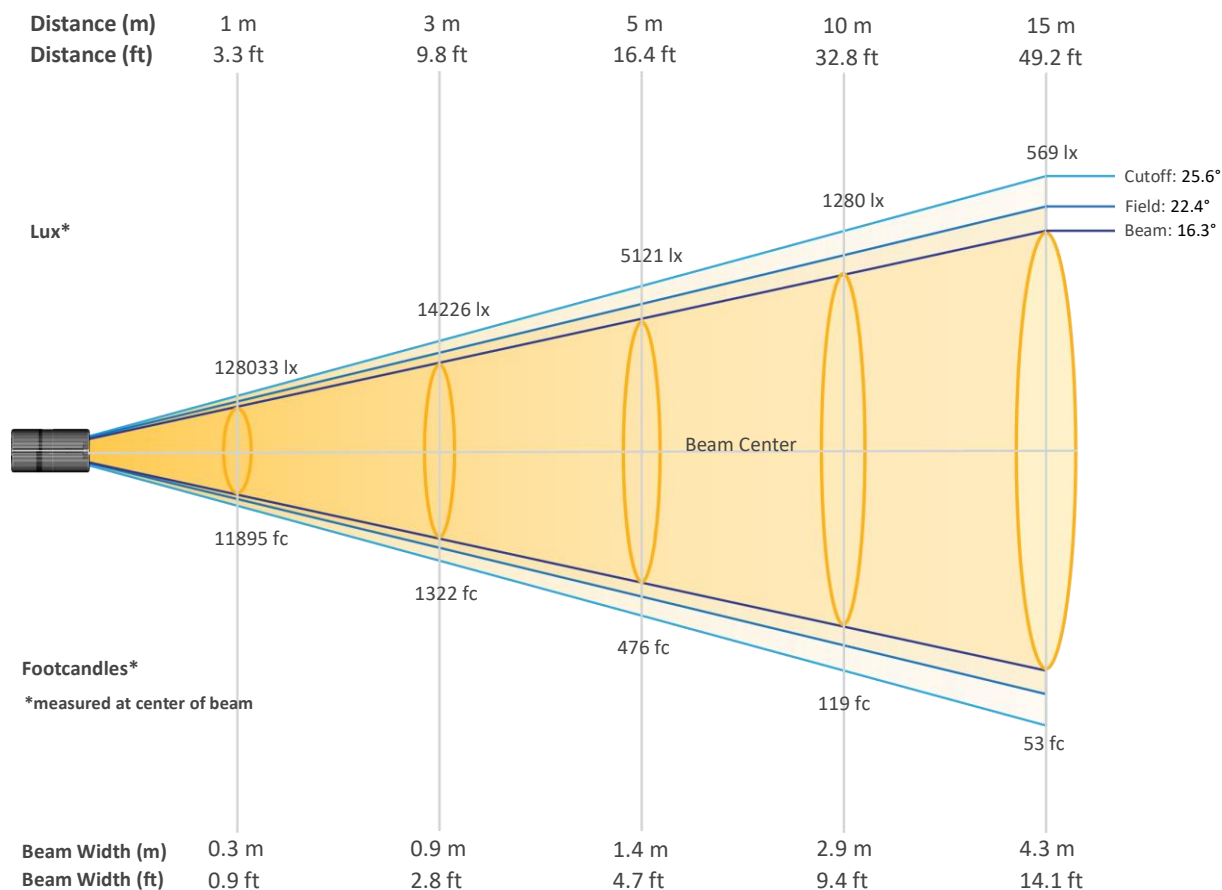
5669 K



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

Beam Details

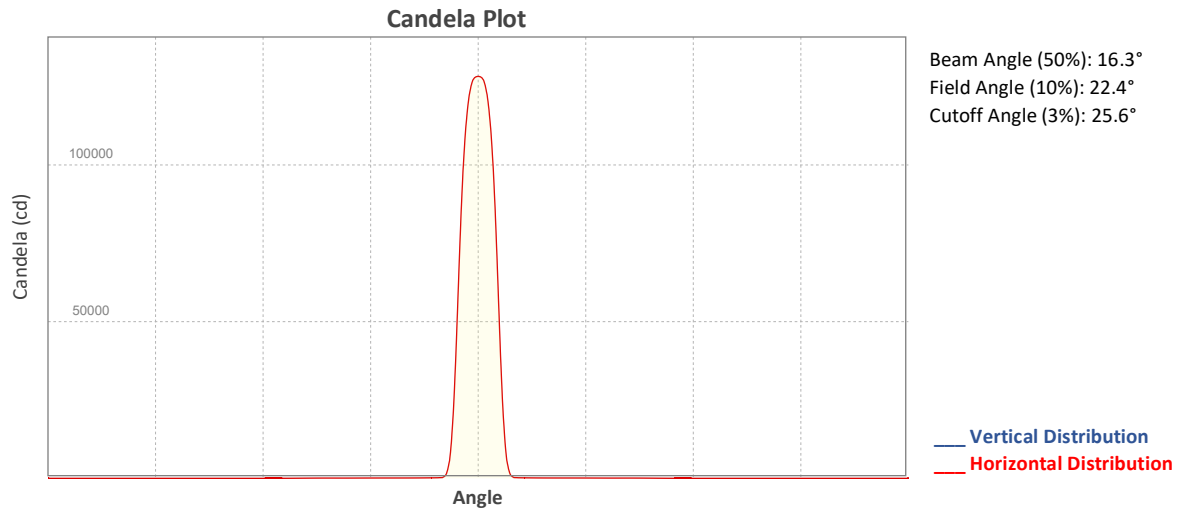


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	128033	32008	14226	8002	5121	3556	2613	2001	1581	1280
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1058	889	758	653	569	500	443	395	355	320
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11895	2974	1322	743	476	330	243	186	147	119
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	98	83	70	61	53	46	41	37	33	30

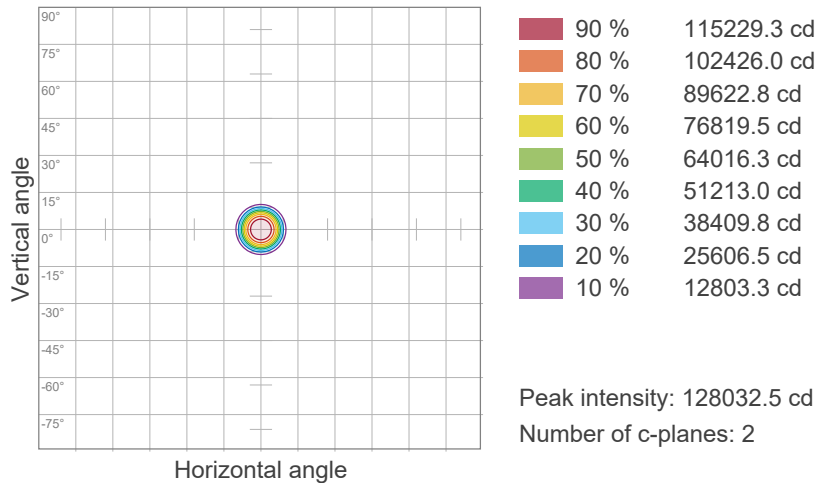
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

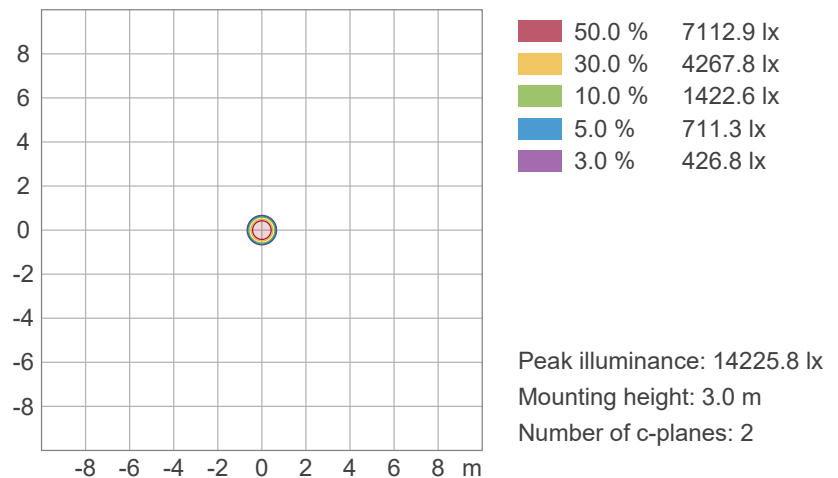


ISO Diagrams

ISO Candela Diagram



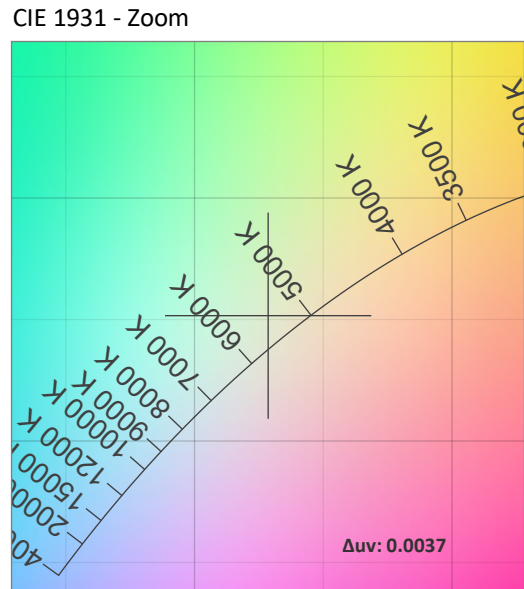
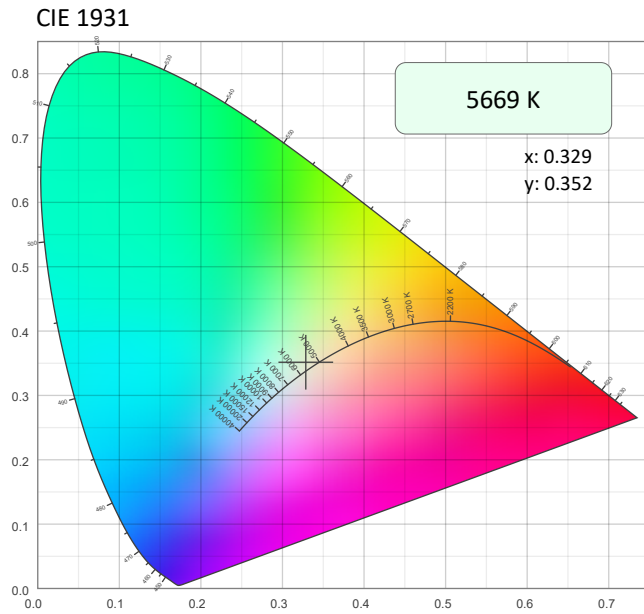
ISO Lux Diagram



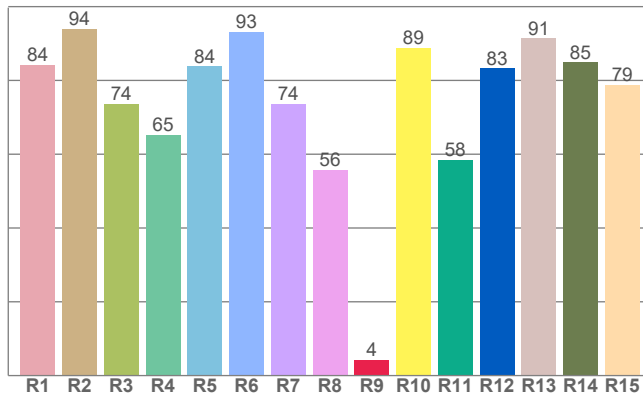
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

Chromaticity



CRI: 77.9 (R1-R8)

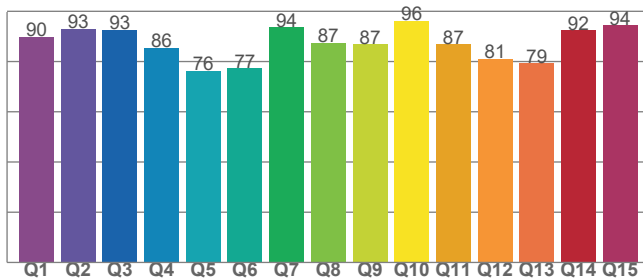


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5669 K	0.329	0.352

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0037	0.352	0.200

CQS: 86.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
77.9	4.2	86.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	82.7	113.8

Photometric & Chromaticity Report

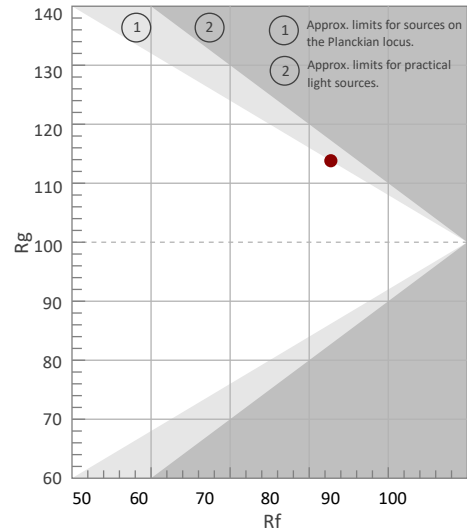
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

TM-30 Details

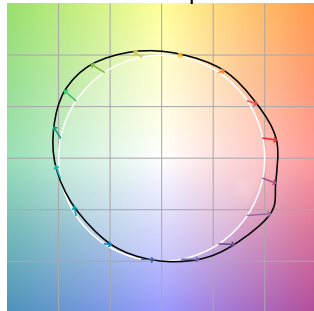
Rf 82.7
Fidelity Index
(Rg)

Rg 113.8
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	74	13%	-4%
2	84	6%	-7%
3	88	4%	-3%
4	91	2%	3%
5	85	7%	6%
6	80	13%	6%
7	77	14%	-2%
8	79	8%	-9%
9	86	2%	-12%
10	86	-3%	-8%
11	88	-3%	6%
12	83	-1%	12%
13	82	3%	16%
14	77	9%	12%
15	77	18%	14%
16	77	13%	-2%



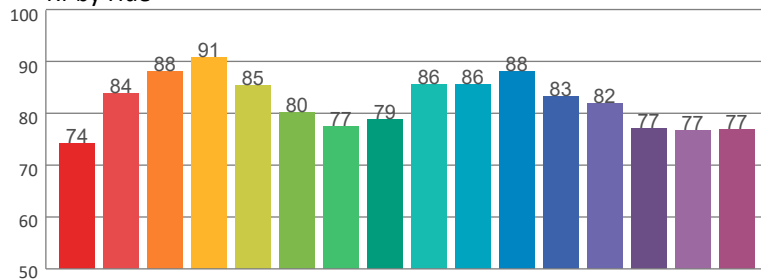
Color Vector Graphic



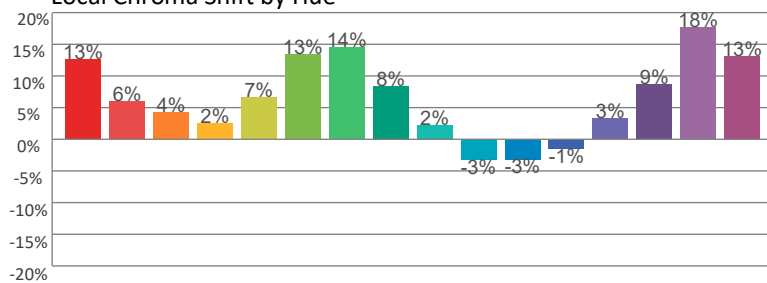
Color Distortion Graphic



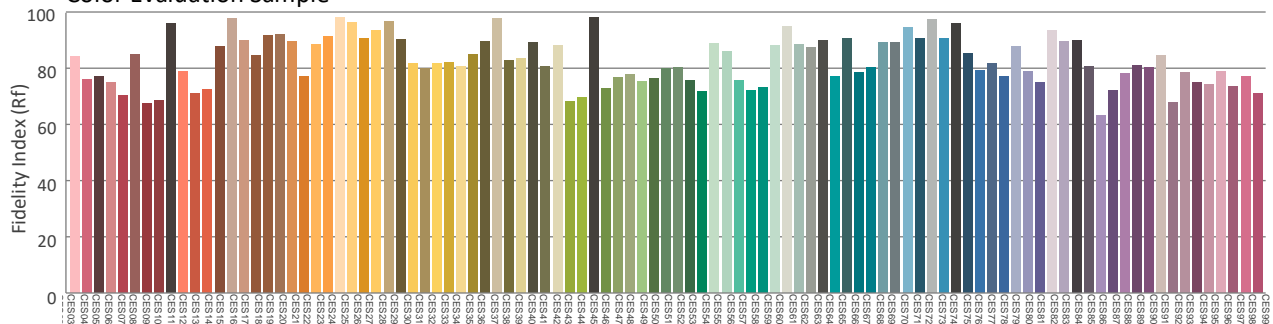
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom - Both Zoom Zone w/Ring - 8000K - Cali Off- M

Report Summary

Measurements

Fixture Output: 14574 lm
Fixture Peak: 42943 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1718 lux
Color Temperature: 7972 K
CRI: 75.4 CRI R9 Value: -26.8
CQS: 87.5
TLCI: 72
TM-30 Rf: 81.0
TM-30 Rg: 115.5
Beam Angle (50%): 36.7°
Field Angle (10%): 48.8°
Cutoff Angle (3%): 53.7°

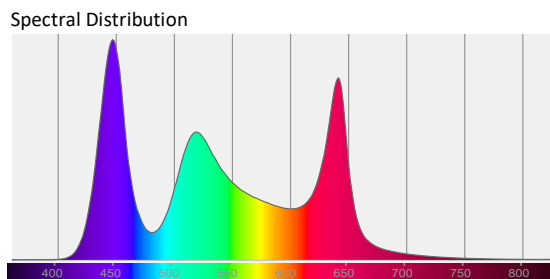
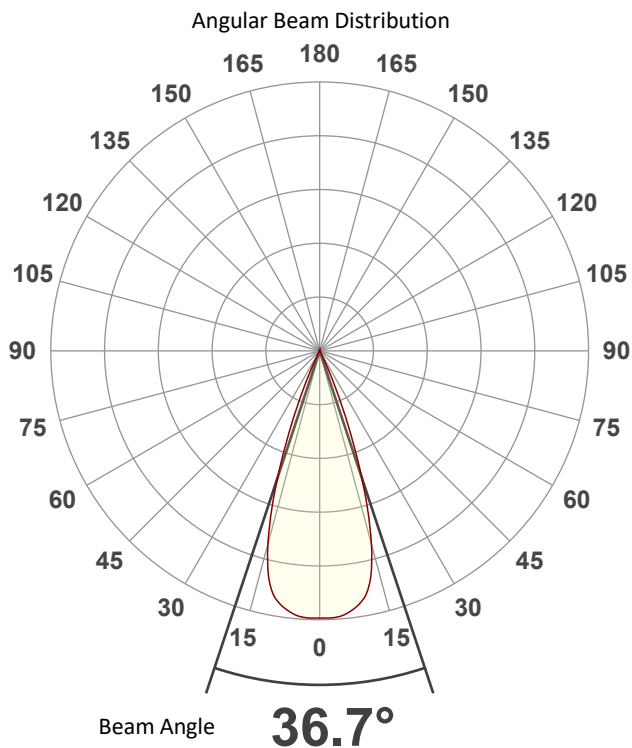


Conditions

AC Supply: 110 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/14/2024 to LM-63-2002 Standards.

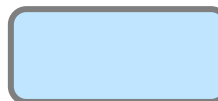
Overall Measurement



Tested Color (CIE 1931):

X: 0.298

Y: 0.299



Light Quality

CRI: 75.4

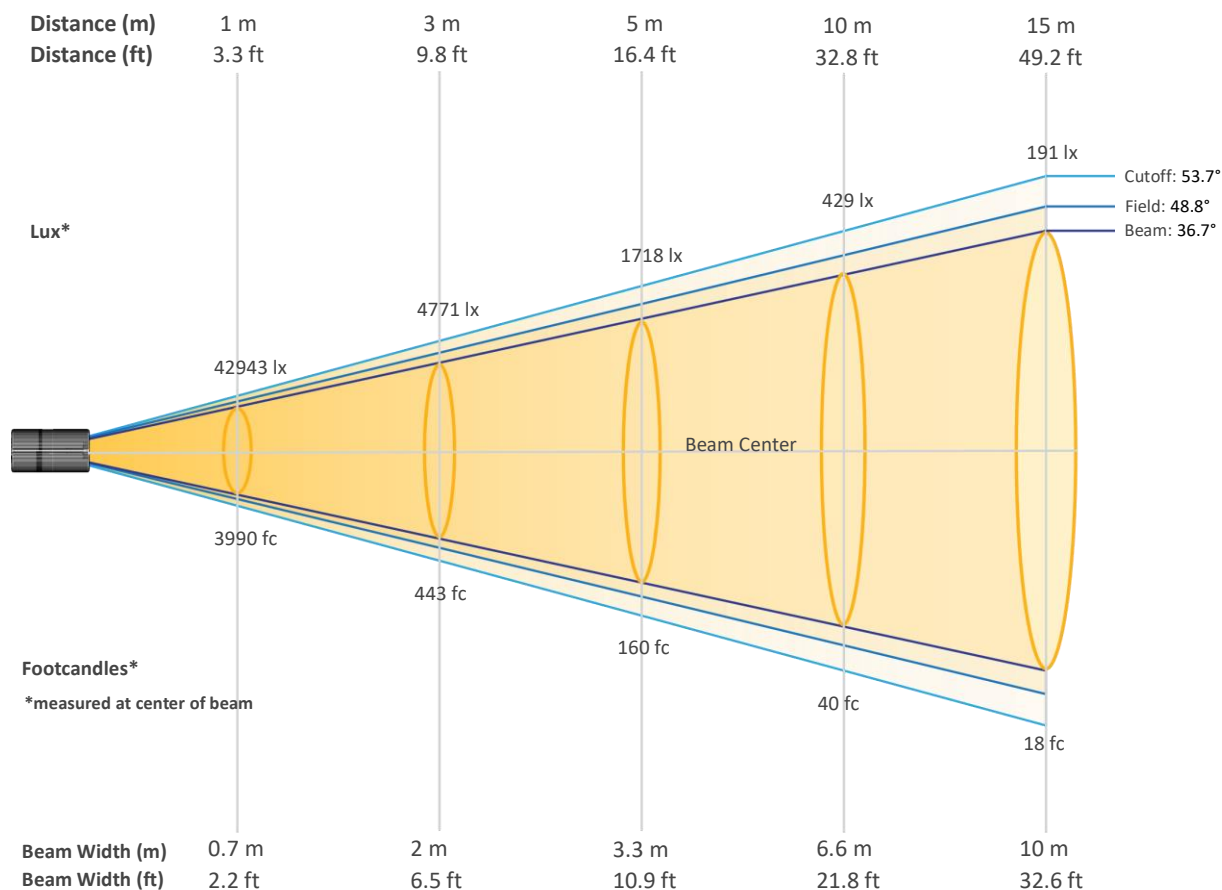
Color Temperature

7972 K

Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

Beam Details

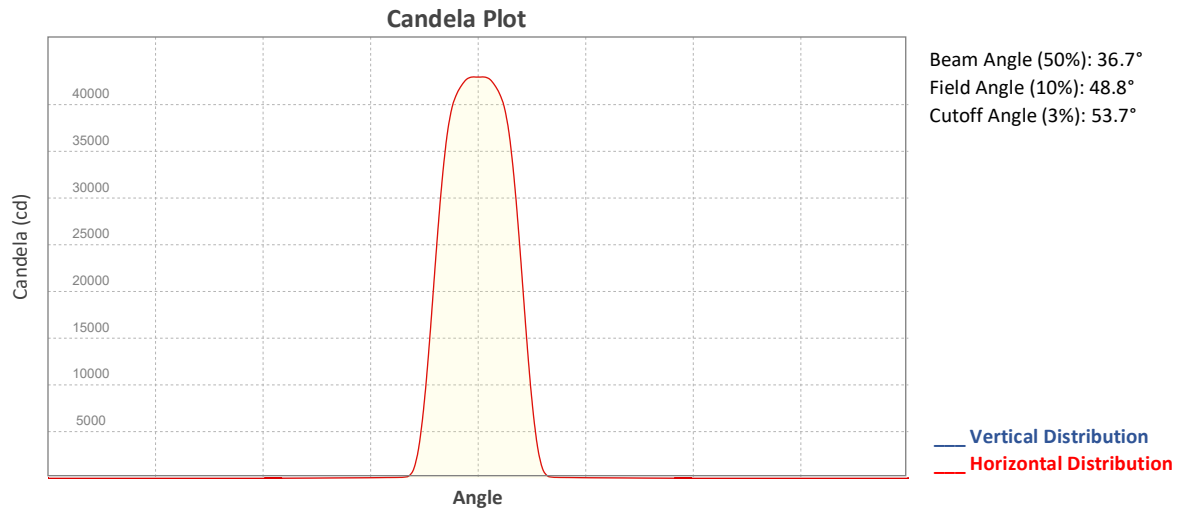


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	42943	10736	4771	2684	1718	1193	876	671	530	429
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	355	298	254	219	191	168	149	133	119	107
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3990	997	443	249	160	111	81	62	49	40
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	33	28	24	20	18	16	14	12	11	10

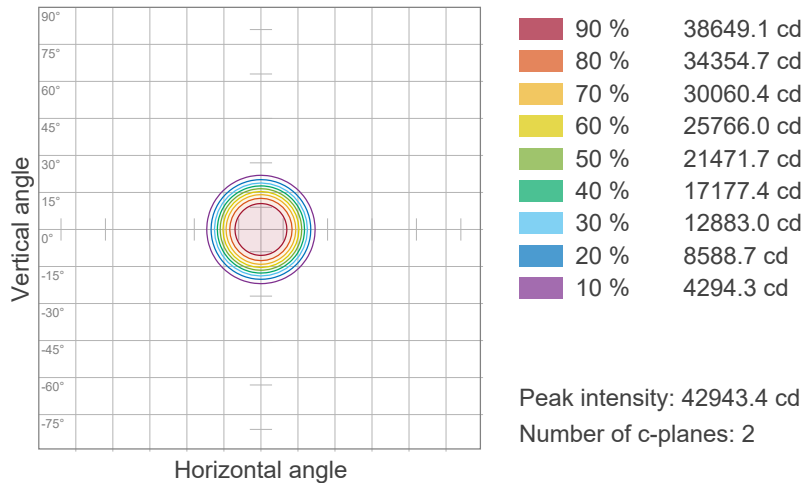
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

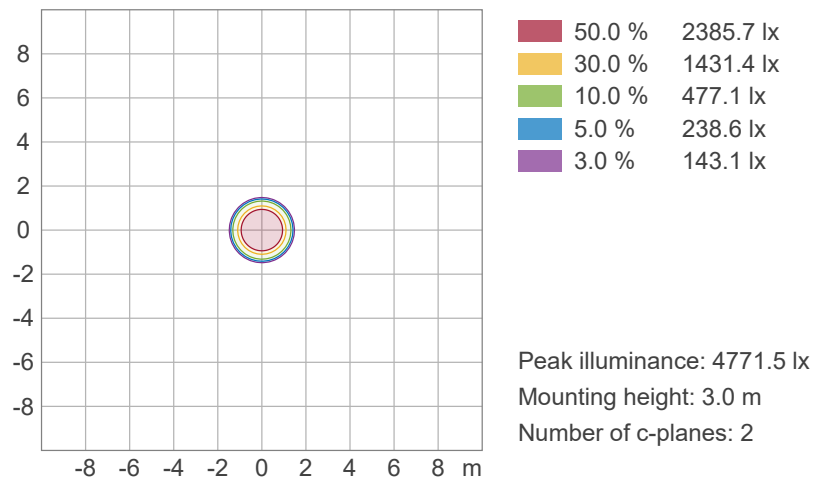


ISO Diagrams

ISO Candela Diagram



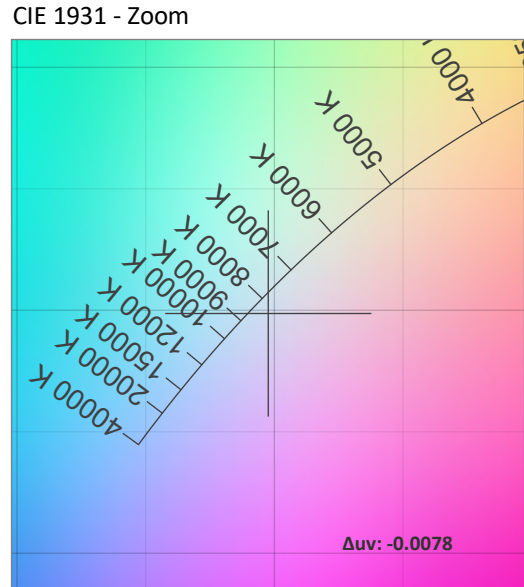
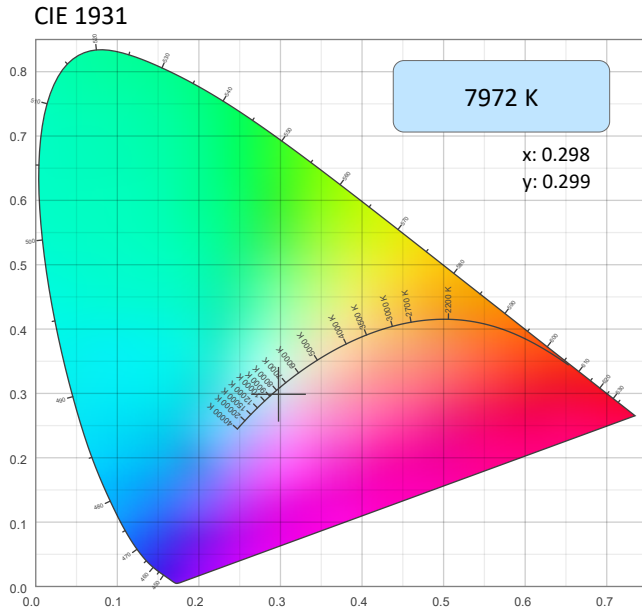
ISO Lux Diagram



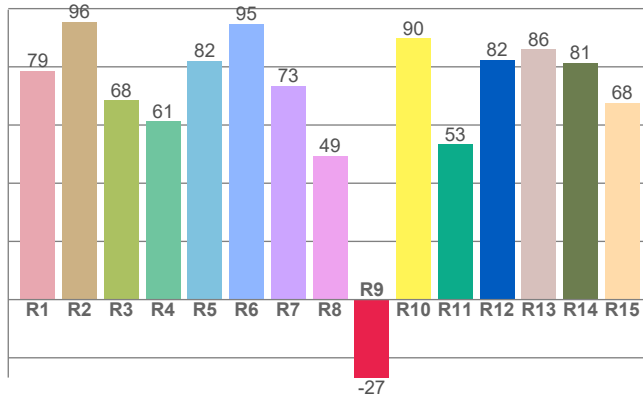
Photometric & Chromaticity Report

Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

Chromaticity



CRI: 75.4 (R1-R8)

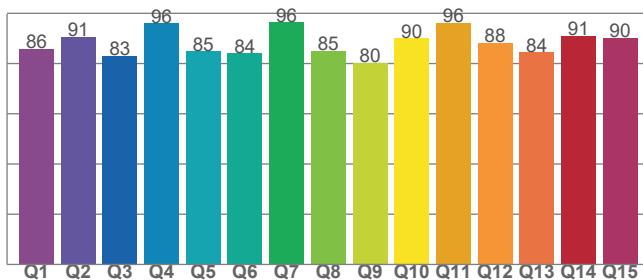


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7972 K	0.298	0.299

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0078	0.299	0.199

CQS: 87.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.4	-26.8	87.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
72	81.0	115.5

Photometric & Chromaticity Report

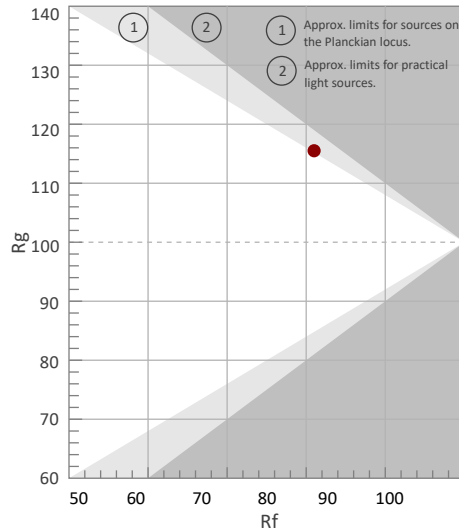
Maverick Storm 3 Beam Wash - 2: 50% Zoom Both Zoom Zone w/Ring - 8000K

TM-30 Details

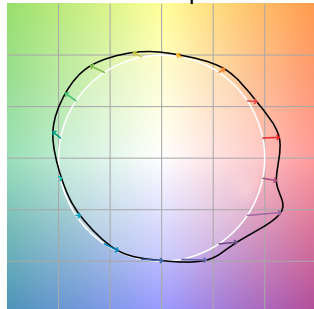
Rf 81.0
Fidelity Index
(Rg)

Rg 115.5
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	71	16%	-2%
2	83	7%	-6%
3	89	6%	-2%
4	91	1%	5%
5	83	6%	7%
6	79	13%	8%
7	81	13%	0%
8	83	8%	-4%
9	90	-1%	0%
10	92	-3%	3%
11	71	-2%	15%
12	74	-3%	20%
13	72	5%	23%
14	73	8%	15%
15	66	25%	20%
16	75	13%	0%



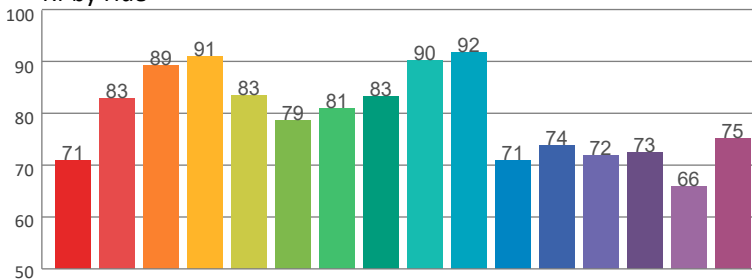
Color Vector Graphic



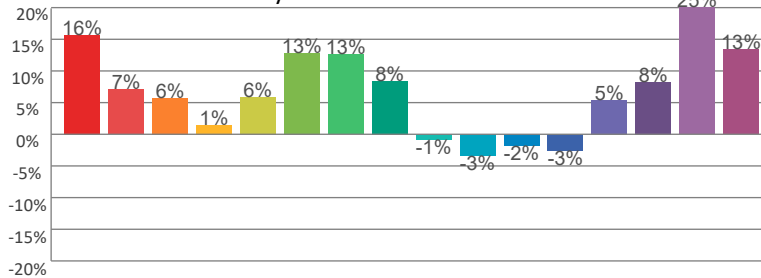
Color Distortion Graphic



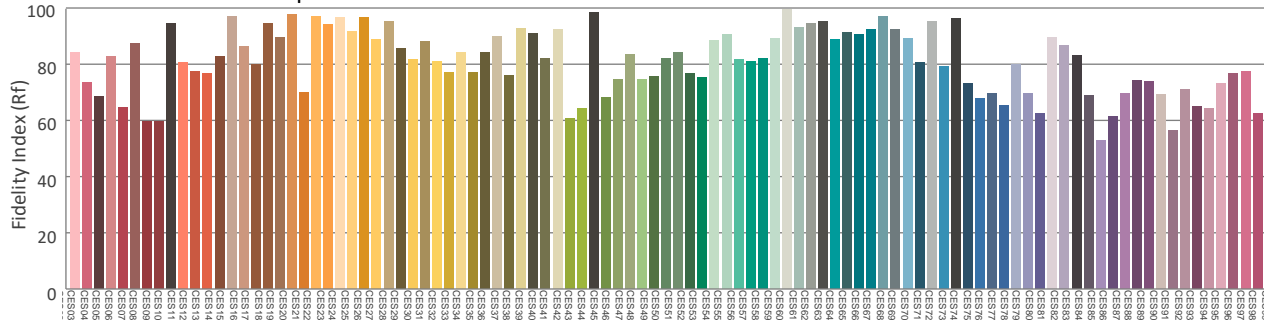
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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

