

MAVERICK STORM 3 PROFILE

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 PROFILE

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power

Report Summary

Measurements

Fixture Output: 33615 lm
Fixture Peak: 54316 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2173 lux
Color Temperature: 6704 K
CRI: 72.6 CRI R9 Value: -24.0
CQS: 69.0
TLCI: 49
TM-30 Rf: 71.8
TM-30 Rg: 94.1
Beam Angle (50%): 51.5°
Field Angle (10%): 54.3°
Cutoff Angle (3%): 57.7°

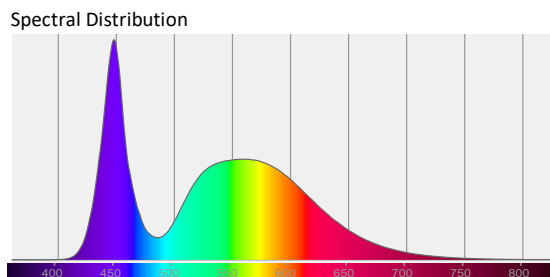
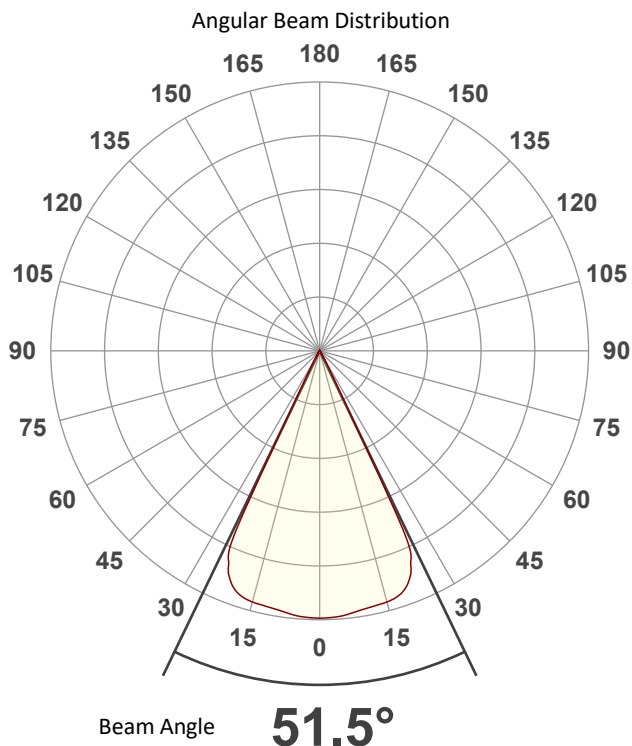


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

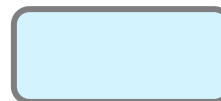
Overall Measurement



Tested Color (CIE 1931):

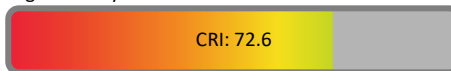
X: 0.311

Y: 0.319



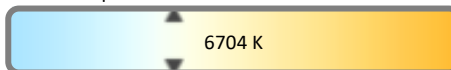
Light Quality

CRI: 72.6



Color Temperature

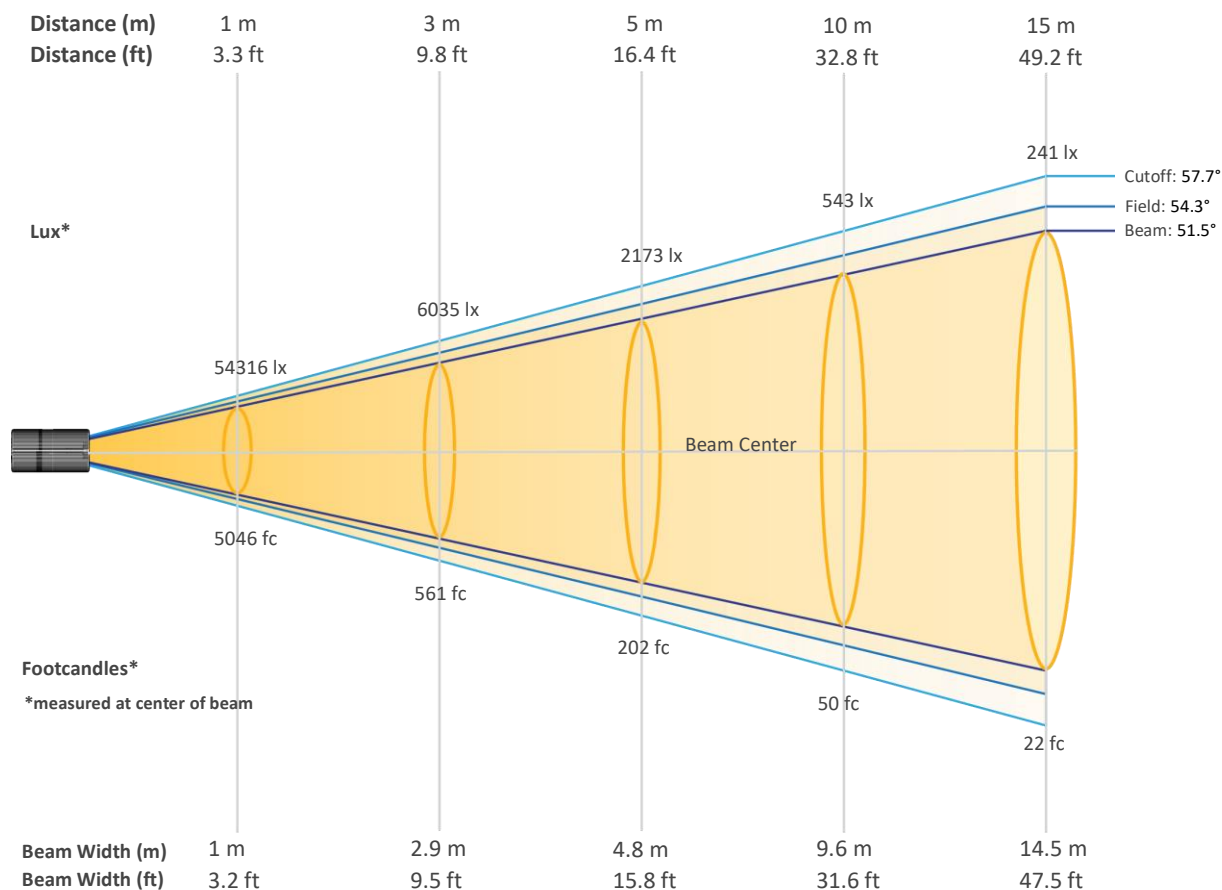
6704 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power

Beam Details

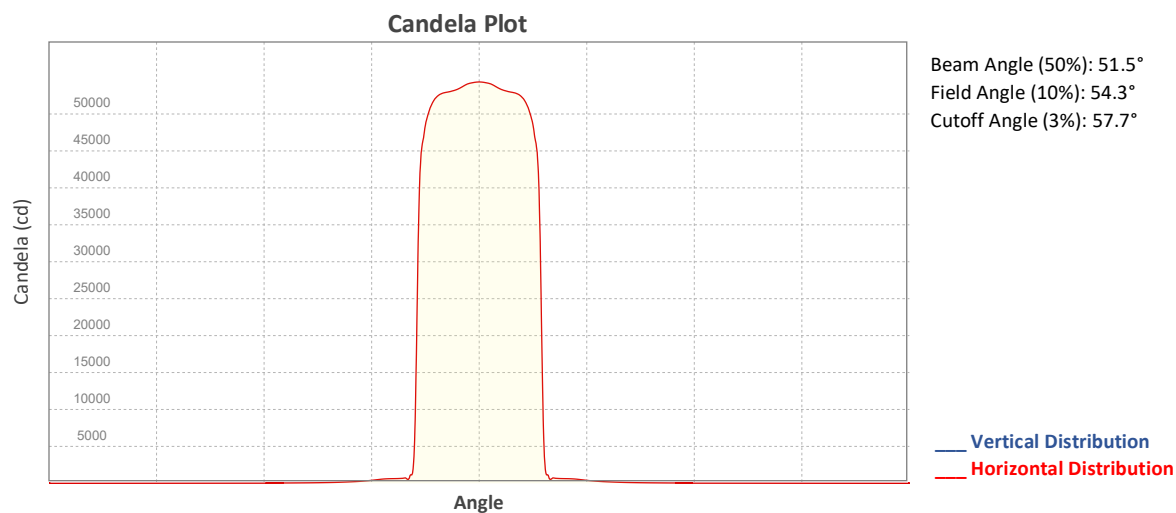


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	54316	13579	6035	3395	2173	1509	1108	849	671	543
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	449	377	321	277	241	212	188	168	150	136
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5046	1262	561	315	202	140	103	79	62	50
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	42	35	30	26	22	20	17	16	14	13

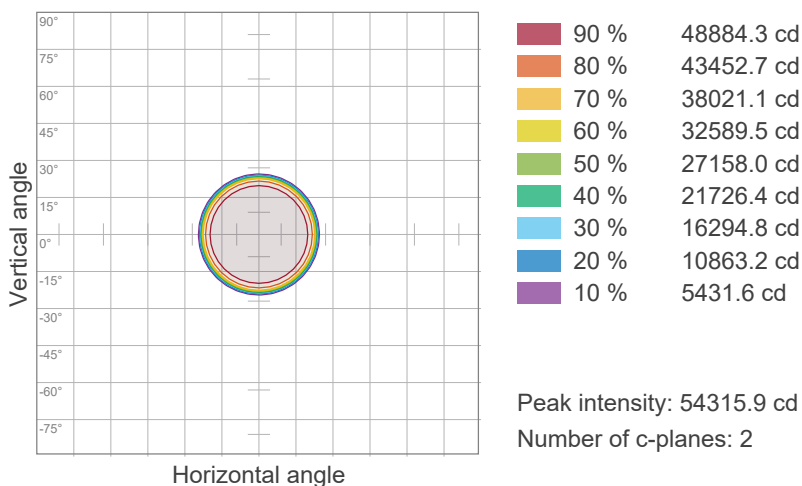
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power

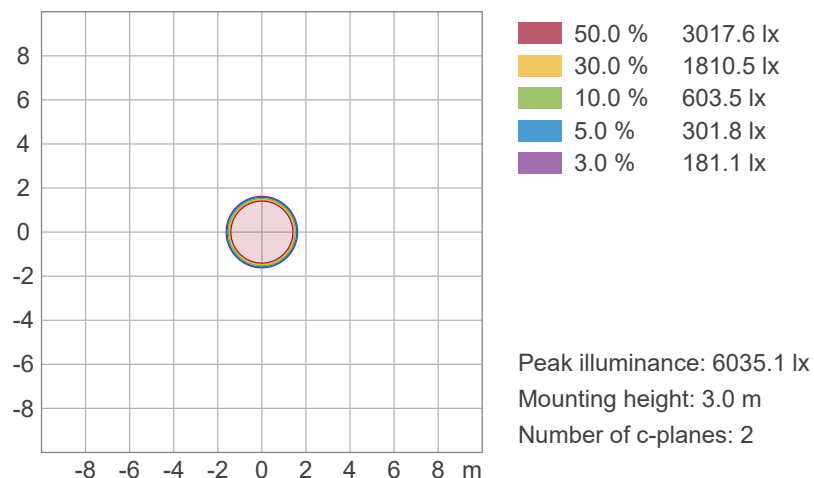


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

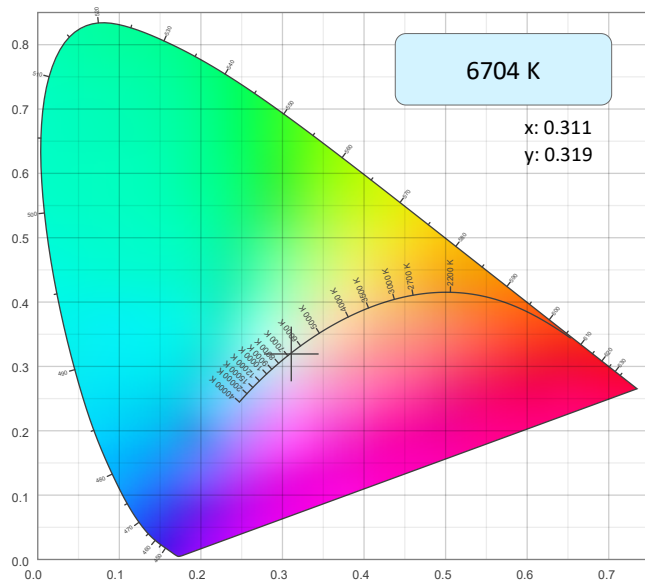


Photometric & Chromaticity Report

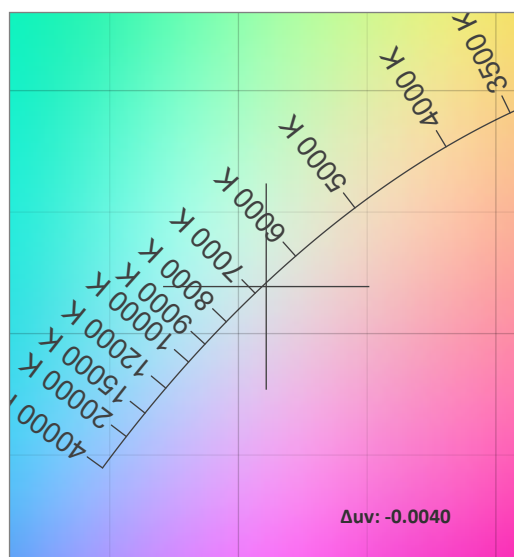
Maverick Storm 3 Profile: Full Flood - Full Power

Chromaticity

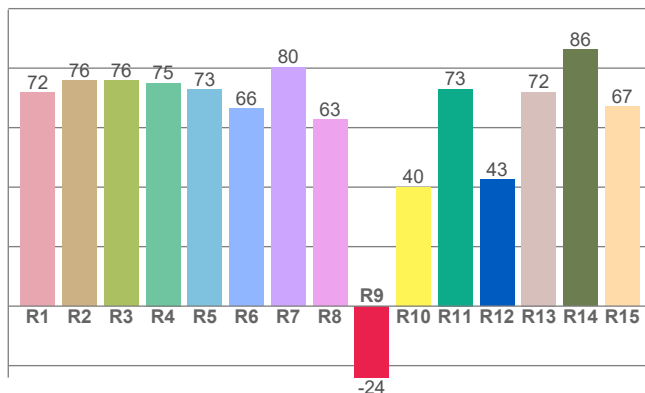
CIE 1931



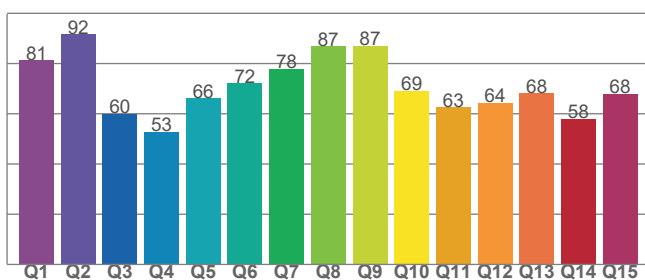
CIE 1931 - Zoom



CRI: 72.6 (R1-R8)



CQS: 69.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6704 K	0.311	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0040	0.319	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.6	-24.0	69.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.8	94.1

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power

TM-30 Details

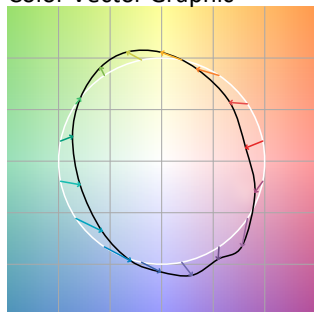
Rf 71.8

Fidelity Index
(Rg)

Rg 94.1

Gammut Index (Rg)

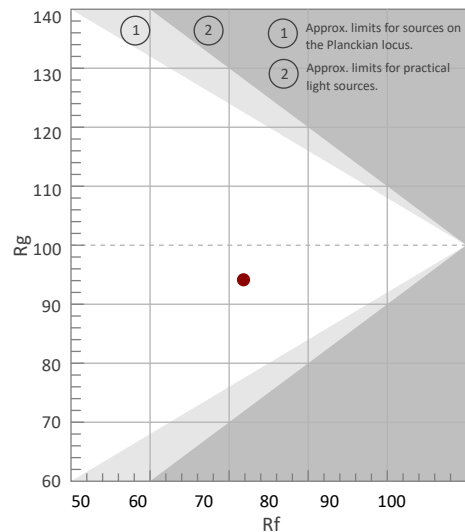
Color Vector Graphic



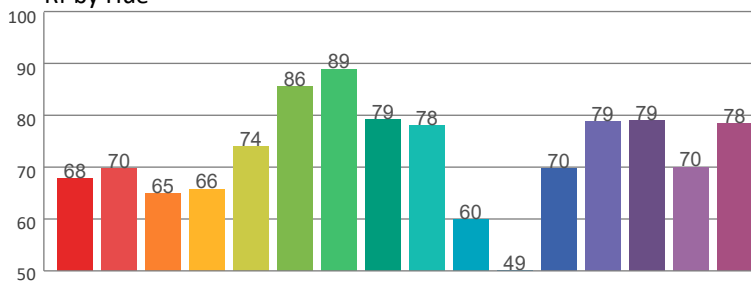
Color Distortion Graphic



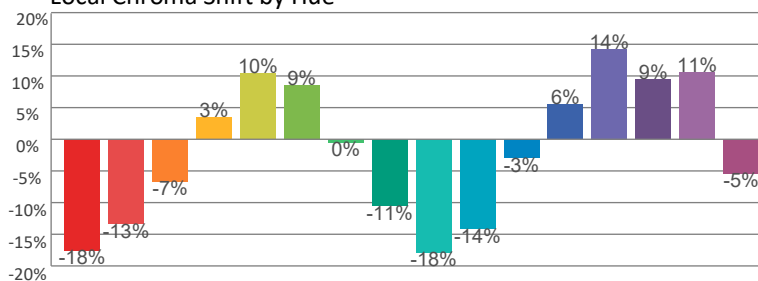
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	86	9%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	29%
12	70	6%	20%
13	79	14%	7%
14	79	9%	-7%
15	70	11%	-25%
16	78	-5%	-12%



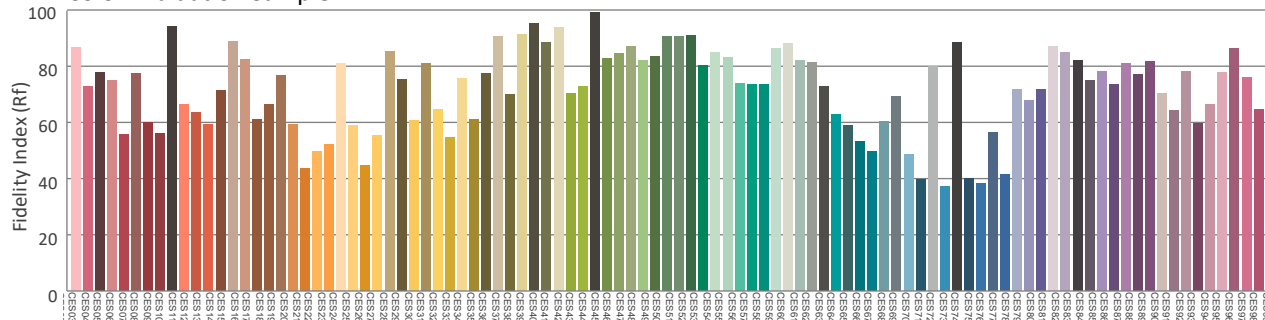
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-Auto

Report Summary

Measurements

Fixture Output: 32096 lm
Fixture Peak: 51704 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2068 lux
Color Temperature: 6694 K
CRI: 72.7 CRI R9 Value: -23.3
CQS: 69.1
TLCI: 49
TM-30 Rf: 71.9
TM-30 Rg: 94.2
Beam Angle (50%): 51.6°
Field Angle (10%): 54.4°
Cutoff Angle (3%): 57.9°

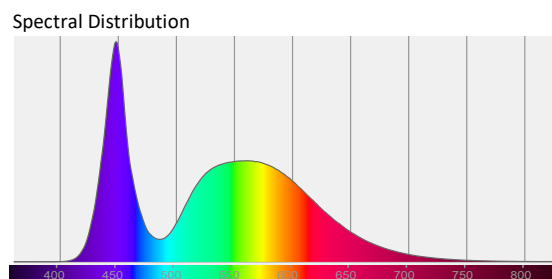
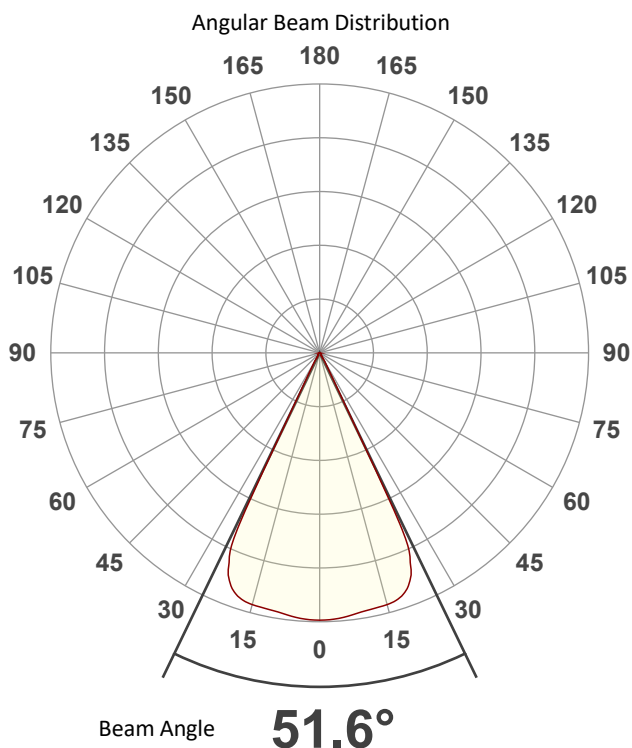


Conditions

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 9/23/2025 to LM-63-2002 Standards.

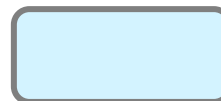
Overall Measurement



Tested Color (CIE 1931):

X: 0.311

Y: 0.319



Light Quality

CRI: 72.7

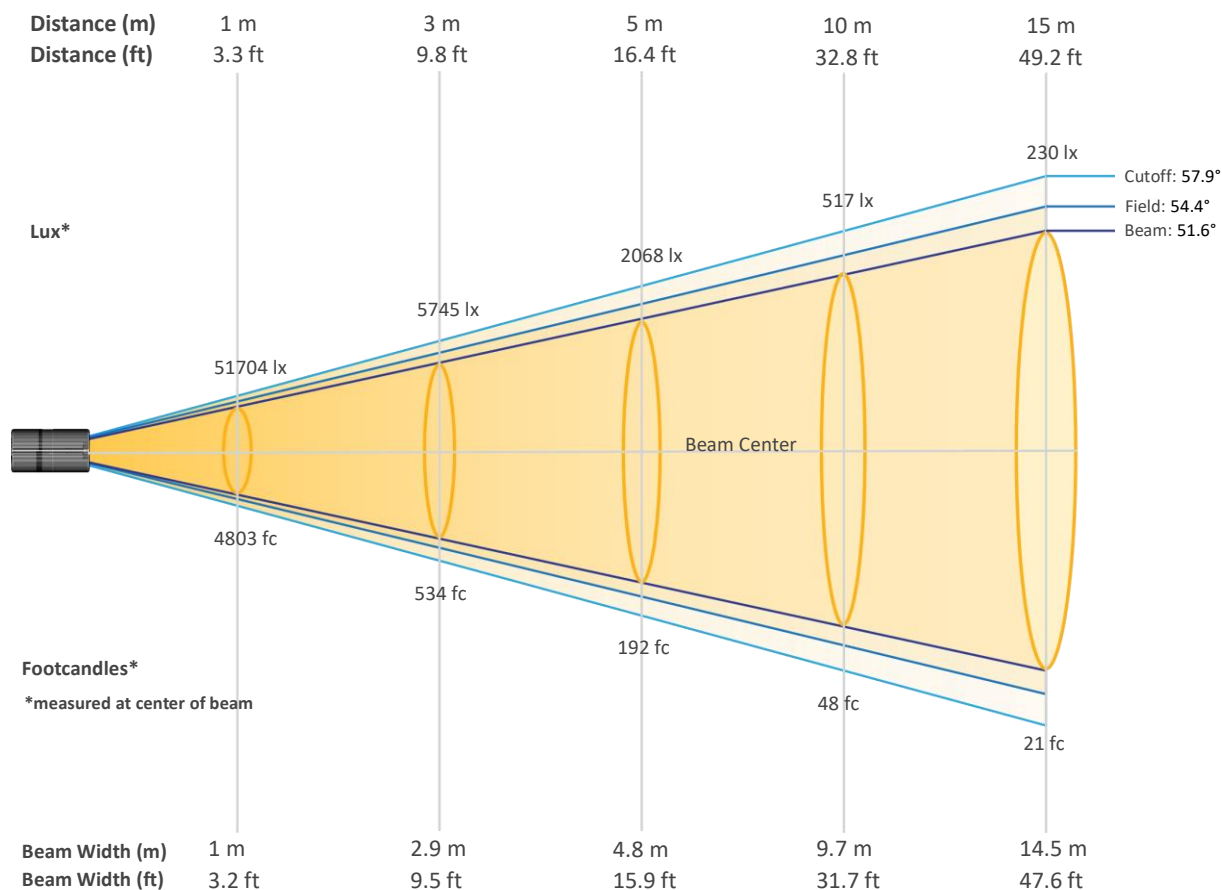
Color Temperature

6694 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-Auto

Beam Details

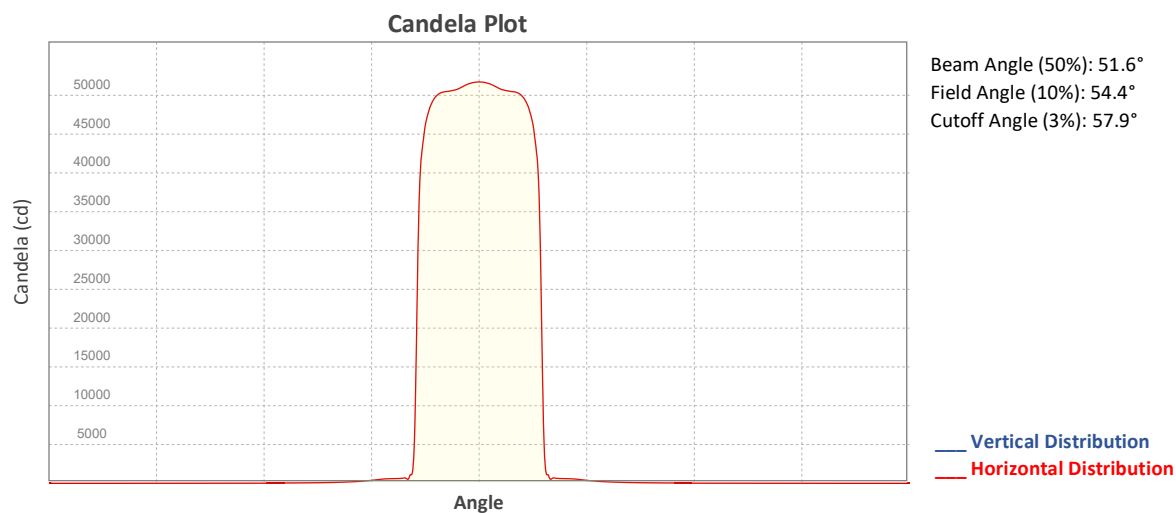


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	51704	12926	5745	3231	2068	1436	1055	808	638	517
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	427	359	306	264	230	202	179	160	143	129
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4803	1201	534	300	192	133	98	75	59	48
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	40	33	28	25	21	19	17	15	13	12

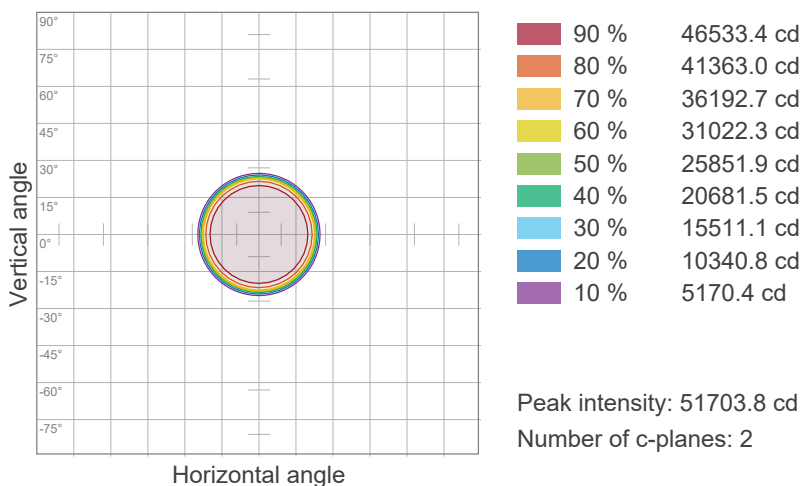
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-Auto

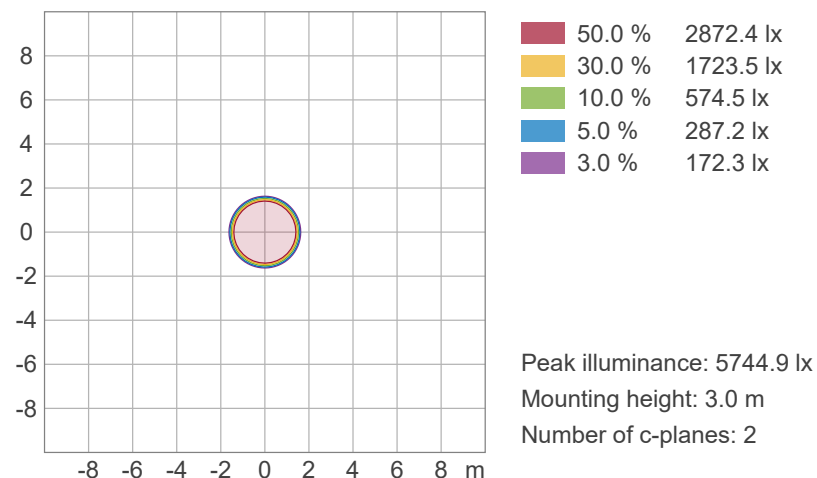


ISO Diagrams

ISO Candela Diagram



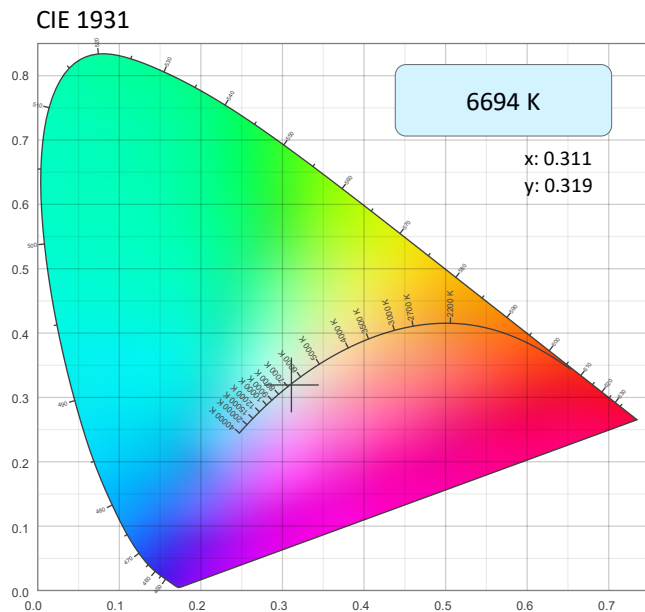
ISO Lux Diagram



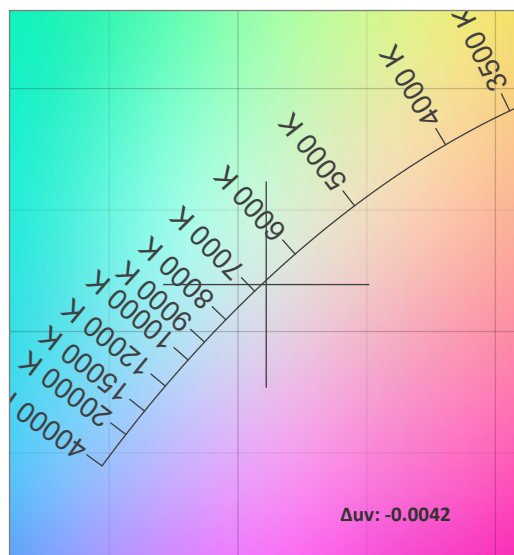
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-Auto

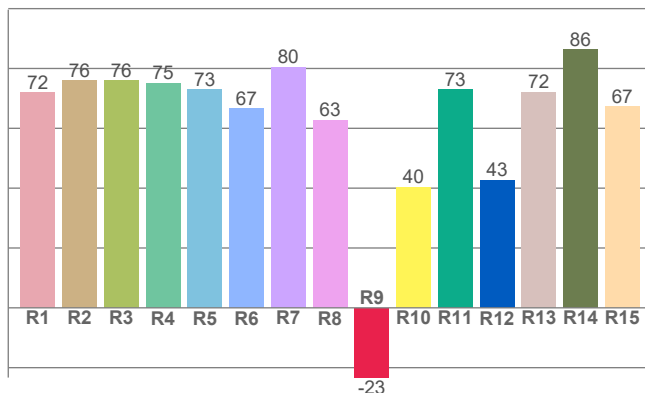
Chromaticity



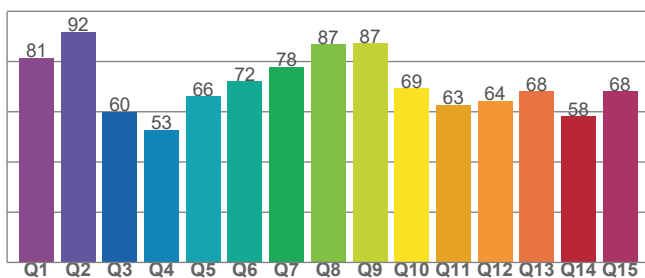
CIE 1931 - Zoom



CRI: 72.7 (R1-R8)



CQS: 69.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6694 K	0.311	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.319	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.7	-23.3	69.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.9	94.2

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-Auto

TM-30 Details

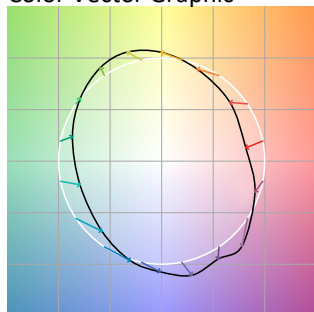
Rf 71.9

Fidelity Index
(Rg)

Rg 94.2

Gamut Index (Rg)

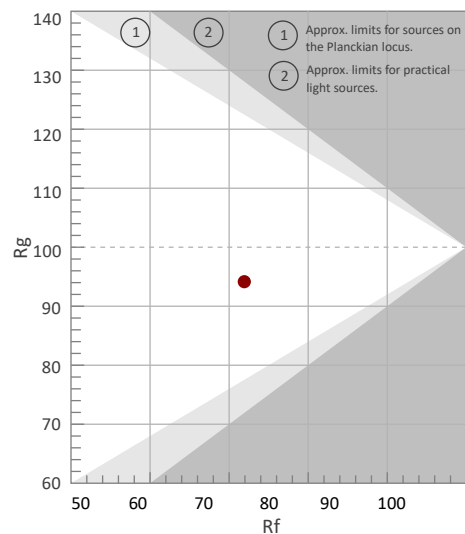
Color Vector Graphic



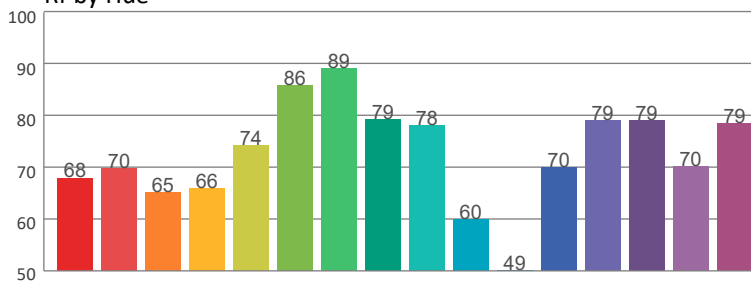
Color Distortion Graphic



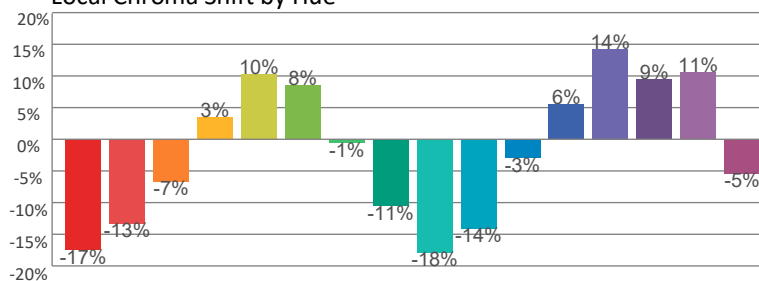
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	29%
12	70	6%	20%
13	79	14%	7%
14	79	9%	-7%
15	70	11%	-25%
16	79	-5%	-12%



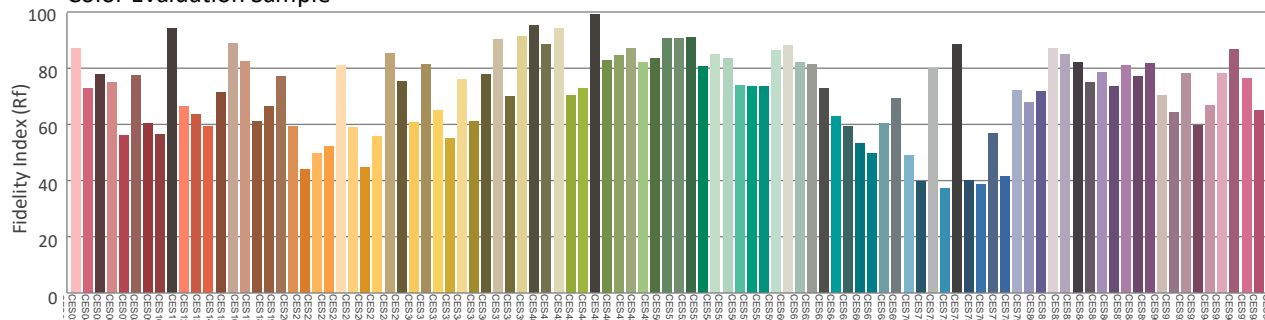
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-ECO

Report Summary

Measurements

Fixture Output: 33481 lm
Fixture Peak: 53737 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 2149 lux
Color Temperature: 6713 K
CRI: 72.7 CRI R9 Value: -23.6
CQS: 69.0
TLCI: 49
TM-30 Rf: 71.9
TM-30 Rg: 94.1
Beam Angle (50%): 51.6°
Field Angle (10%): 55.1°
Cutoff Angle (3%): 58.5°

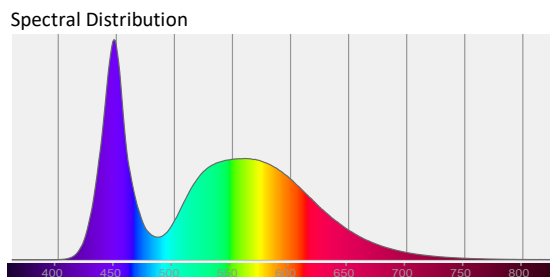
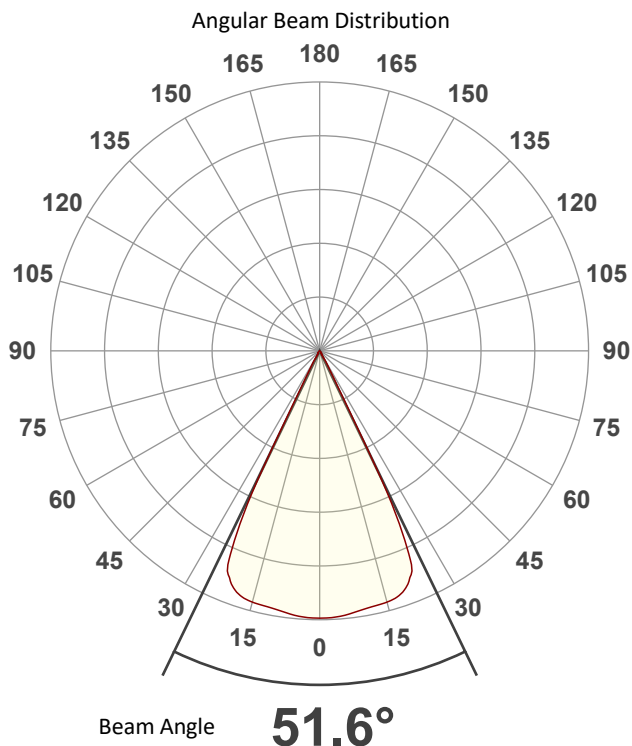


Conditions

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 9/23/2025 to LM-63-2002 Standards.

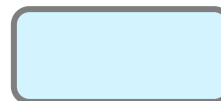
Overall Measurement



Tested Color (CIE 1931):

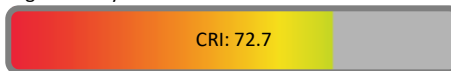
X: 0.311

Y: 0.319



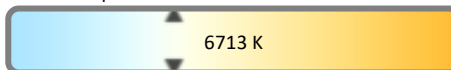
Light Quality

CRI: 72.7



Color Temperature

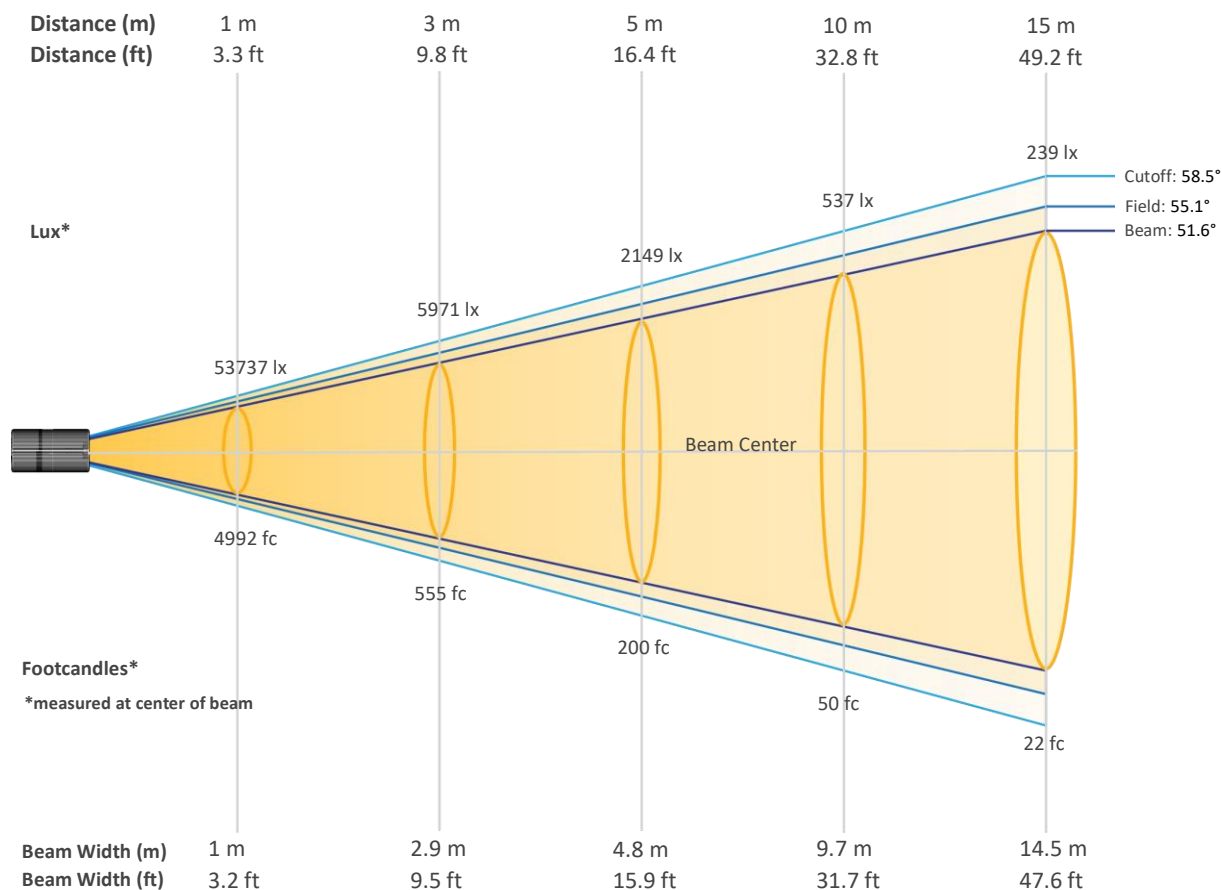
6713 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-ECO

Beam Details

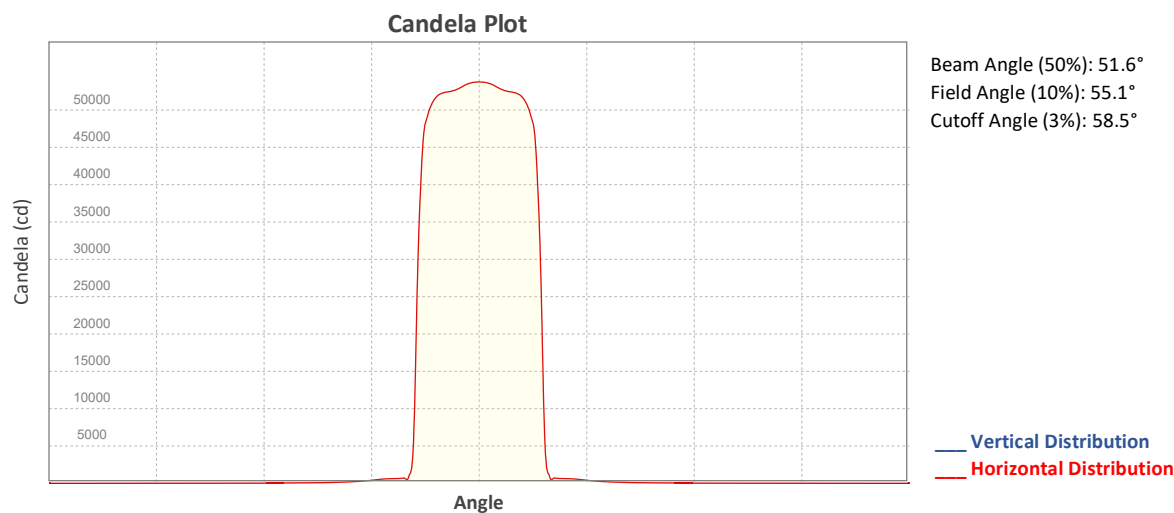


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	53737	13434	5971	3359	2149	1493	1097	840	663	537
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	444	373	318	274	239	210	186	166	149	134
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4992	1248	555	312	200	139	102	78	62	50
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	41	35	30	25	22	20	17	15	14	12

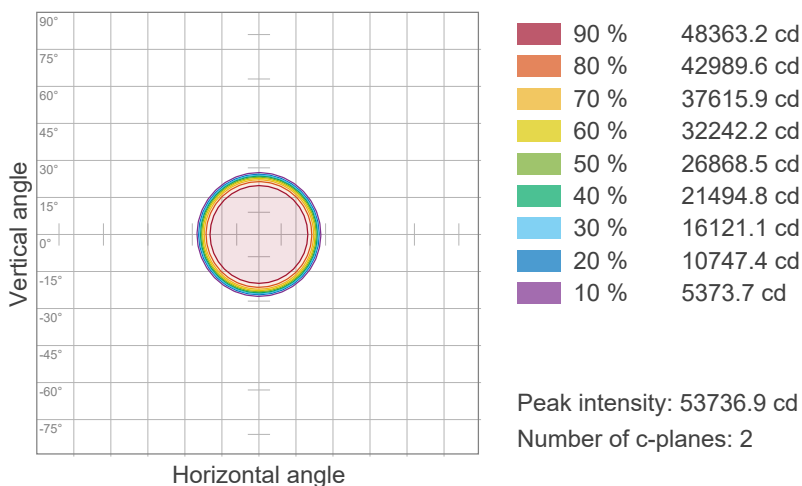
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-ECO

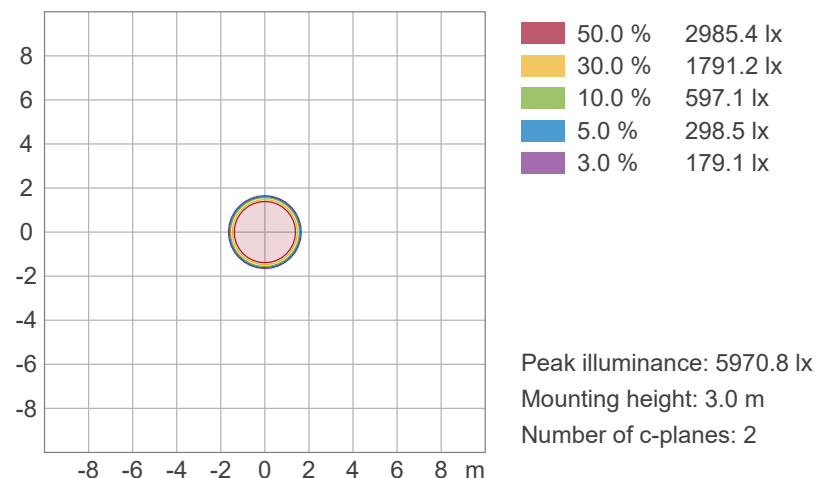


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

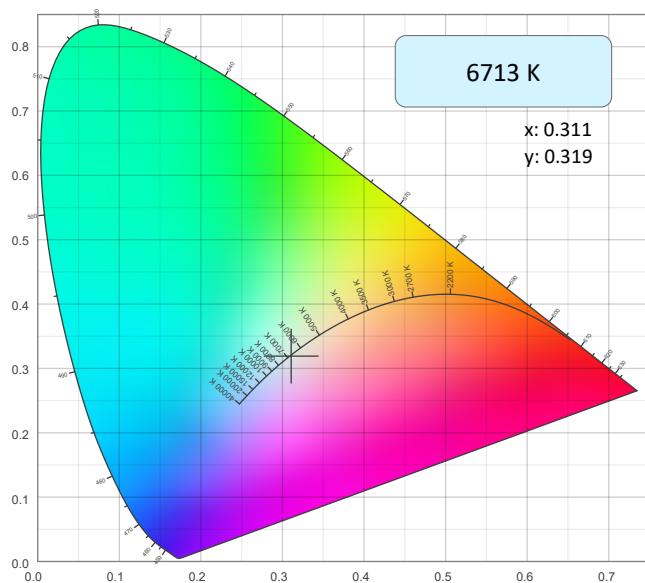


Photometric & Chromaticity Report

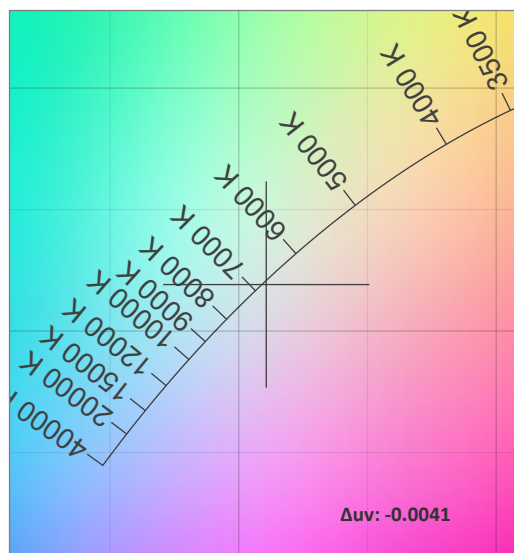
Maverick Storm 3 Profile: Full Flood - Full Power-ECO

Chromaticity

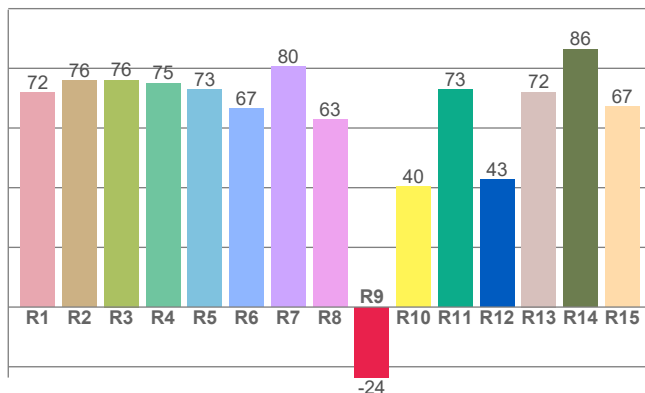
CIE 1931



CIE 1931 - Zoom



CRI: 72.7 (R1-R8)

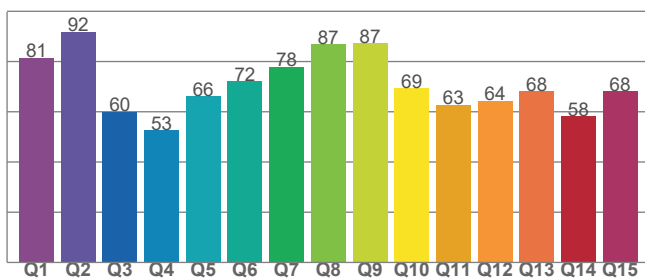


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6713 K	0.311	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.319	0.200

CQS: 69.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.7	-23.6	69.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.9	94.1

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-ECO

TM-30 Details

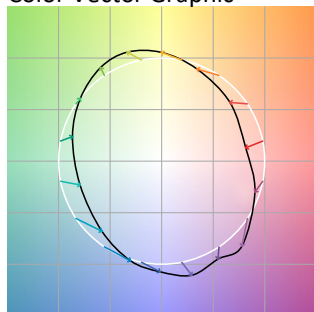
Rf 71.9

Fidelity Index
(Rg)

Rg 94.1

Gammut Index (Rg)

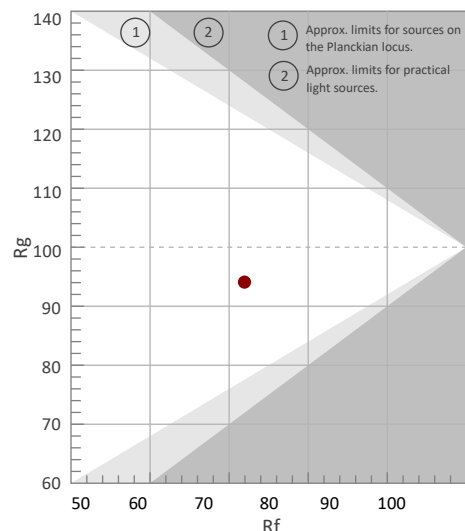
Color Vector Graphic



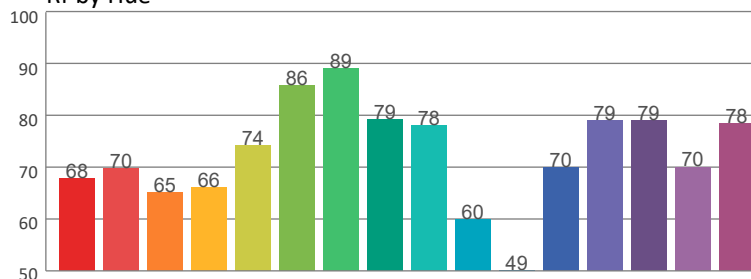
Color Distortion Graphic



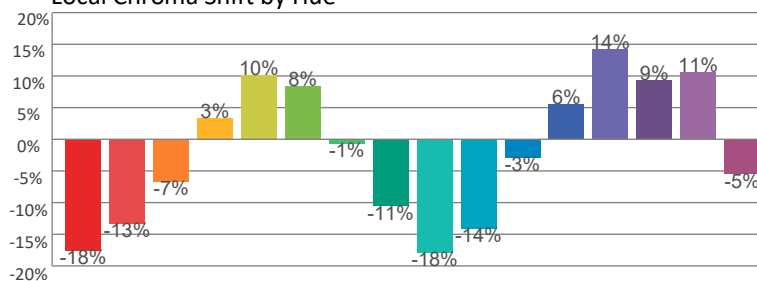
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-18%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	29%
12	70	6%	19%
13	79	14%	7%
14	79	9%	-7%
15	70	11%	-25%
16	78	-5%	-12%



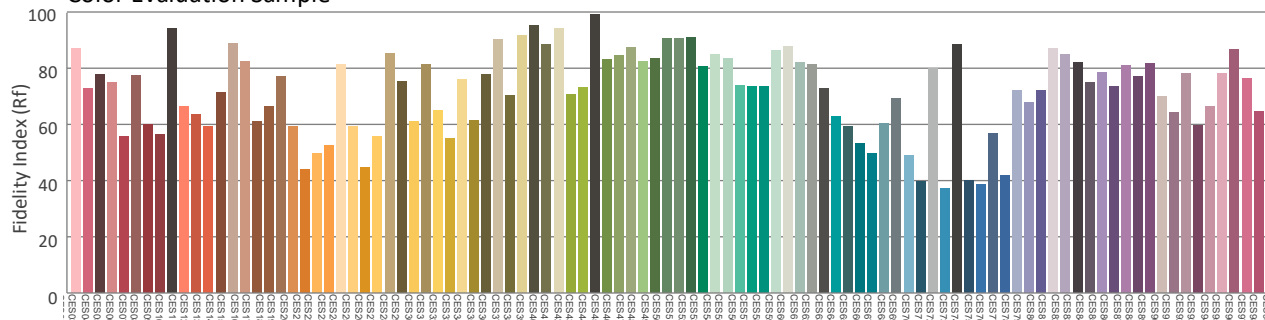
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV25

Report Summary

Measurements

Fixture Output: 20518 lm
Fixture Peak: 32892 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1313 lux
Color Temperature: 6607 K
CRI: 71.7 CRI R9 Value: -27.3
CQS: 68.6
TLCI: 47
TM-30 Rf: 71.0
TM-30 Rg: 94.4
Beam Angle (50%): 51.7°
Field Angle (10%): 55.3°
Cutoff Angle (3%): 56°

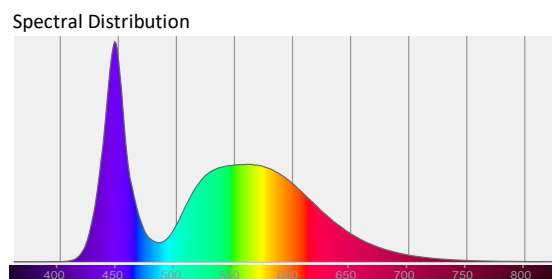
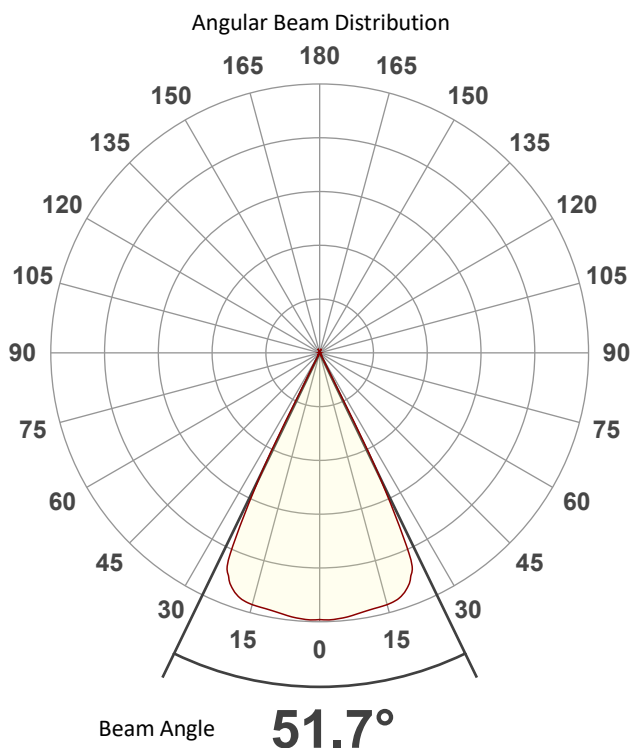


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

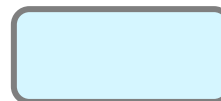
Overall Measurement



Tested Color (CIE 1931):

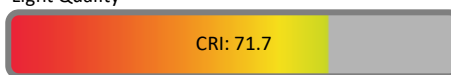
X: 0.312

Y: 0.321



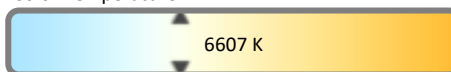
Light Quality

CRI: 71.7



Color Temperature

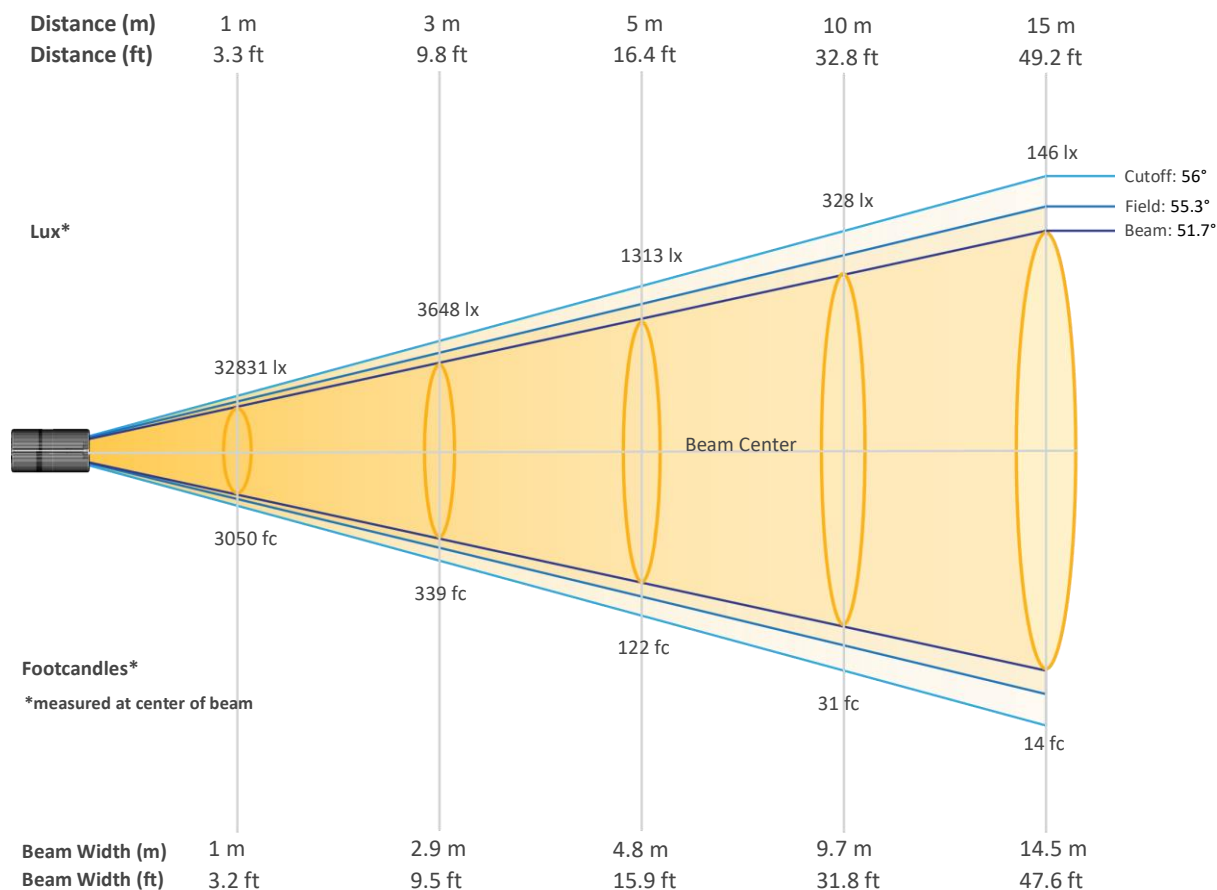
6607 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV25

Beam Details

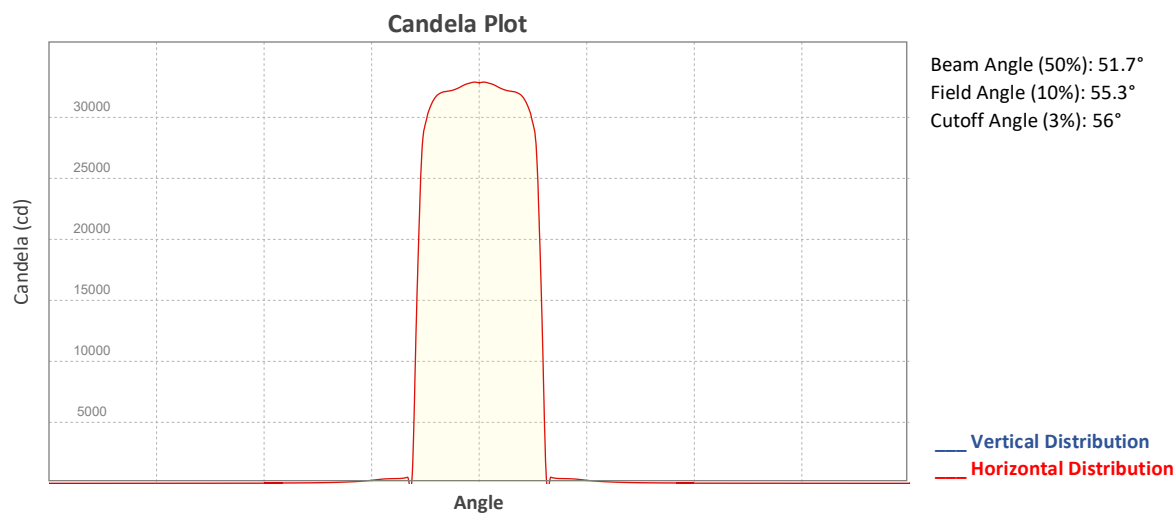


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	32831	8208	3648	2052	1313	912	670	513	405	328
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	271	228	194	168	146	128	114	101	91	82
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3050	763	339	191	122	85	62	48	38	31
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	16	14	12	11	9	8	8

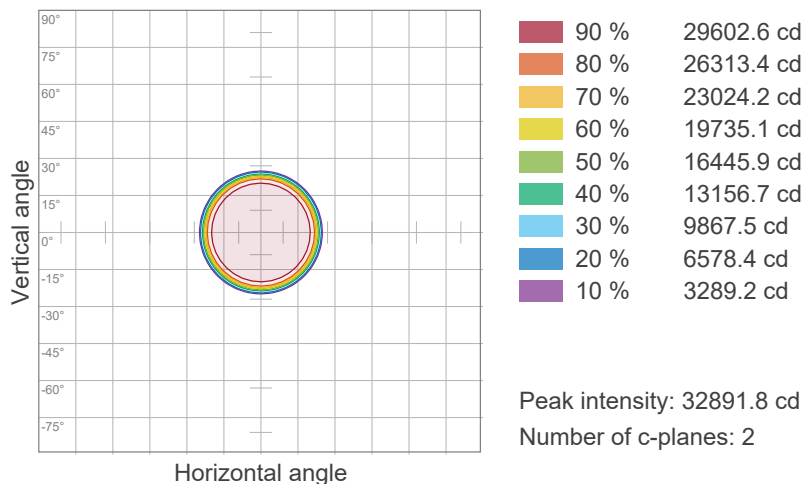
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV25

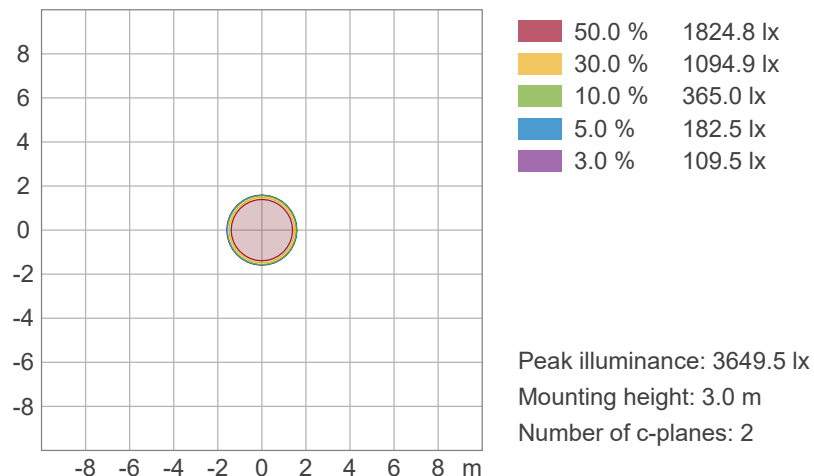


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

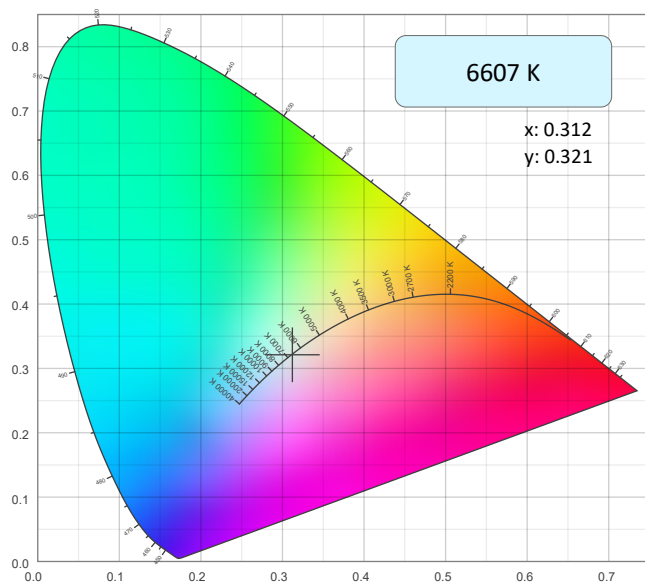


Photometric & Chromaticity Report

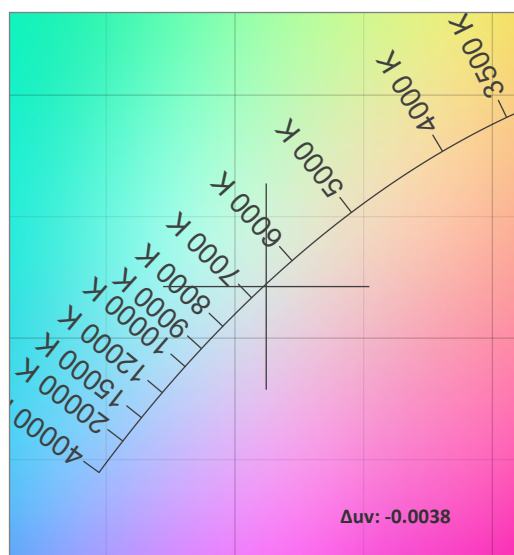
Maverick Storm 3 Profile: Full Flood - Full Power-TV25

Chromaticity

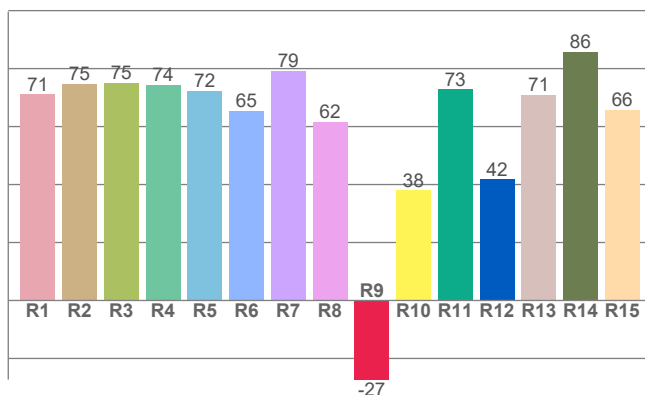
CIE 1931



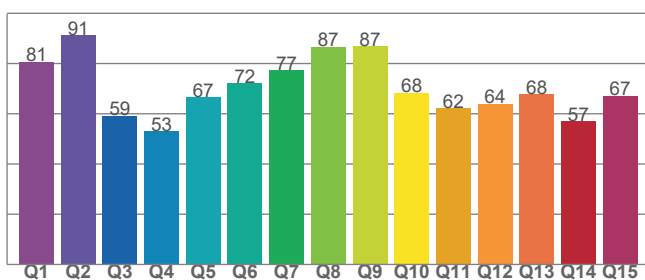
CIE 1931 - Zoom



CRI: 71.7 (R1-R8)



CQS: 68.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6607 K	0.312	0.321

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.321	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.7	-27.3	68.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	71.0	94.4

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV25

TM-30 Details

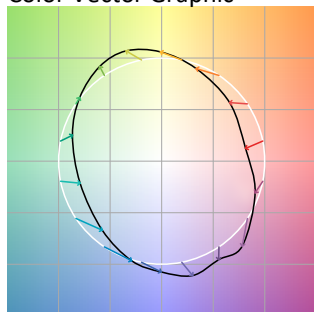
Rf 71.0

Fidelity Index
(Rg)

Rg 94.4

Gammut Index (Rg)

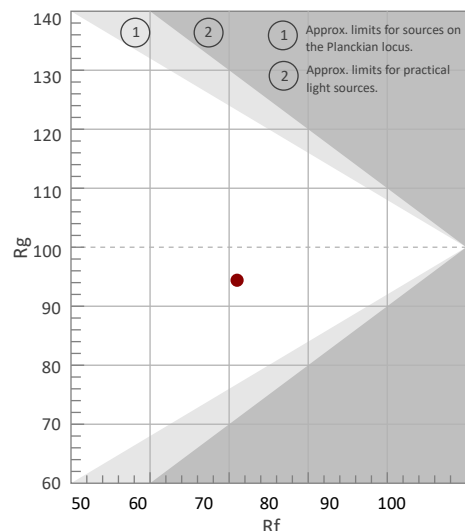
Color Vector Graphic



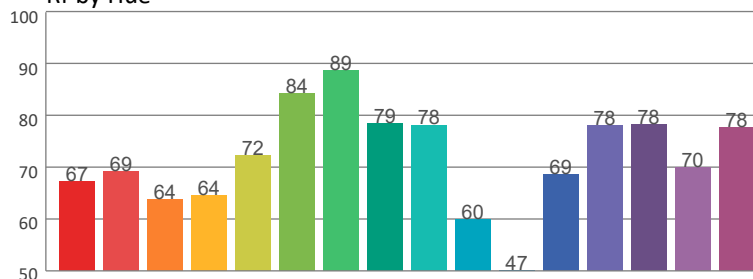
Color Distortion Graphic



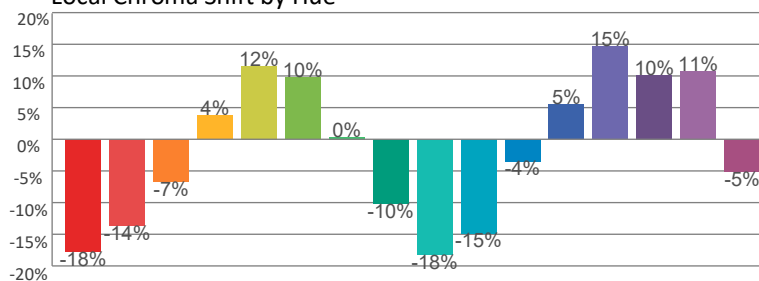
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	69	-14%	11%
3	64	-7%	22%
4	64	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	78	-18%	6%
10	60	-15%	24%
11	47	-4%	29%
12	69	5%	21%
13	78	15%	8%
14	78	10%	-7%
15	70	11%	-25%
16	78	-5%	-12%



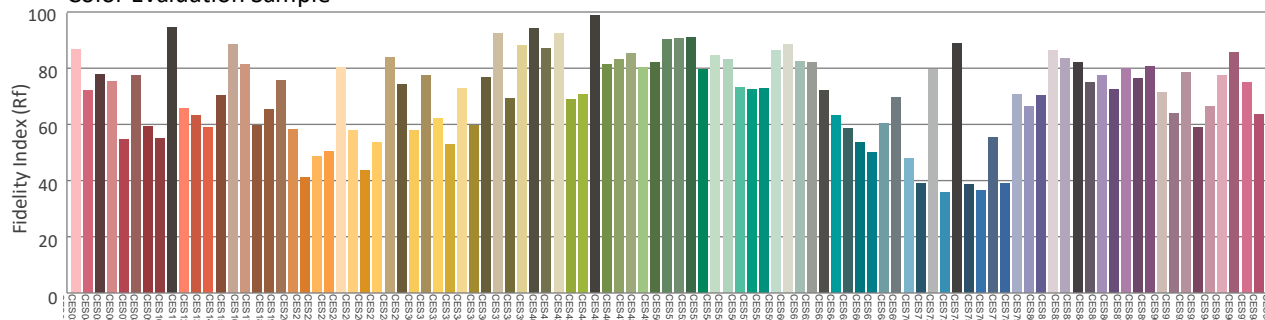
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV35

Report Summary

Measurements

Fixture Output: 16417 lm
Fixture Peak: 26339 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1054 lux
Color Temperature: 6577 K
CRI: 71.5 CRI R9 Value: -28.0
CQS: 68.6
TLCI: 47
TM-30 Rf: 70.8
TM-30 Rg: 94.5
Beam Angle (50%): 51.5°
Field Angle (10%): 56°
Cutoff Angle (3%): 57.2°

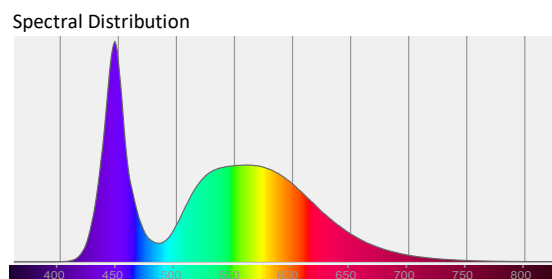
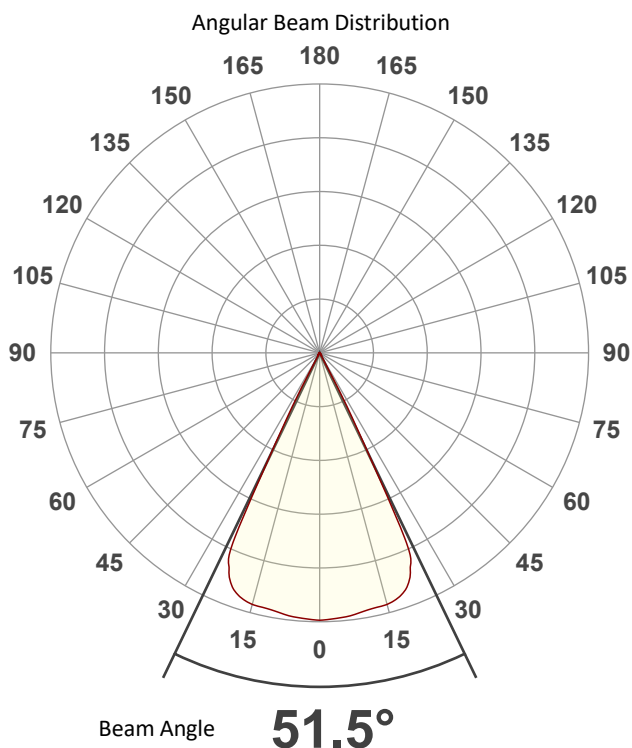


Conditions

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 9/23/2025 to LM-63-2002 Standards.

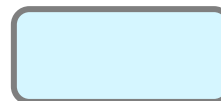
Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.322



Light Quality

CRI: 71.5

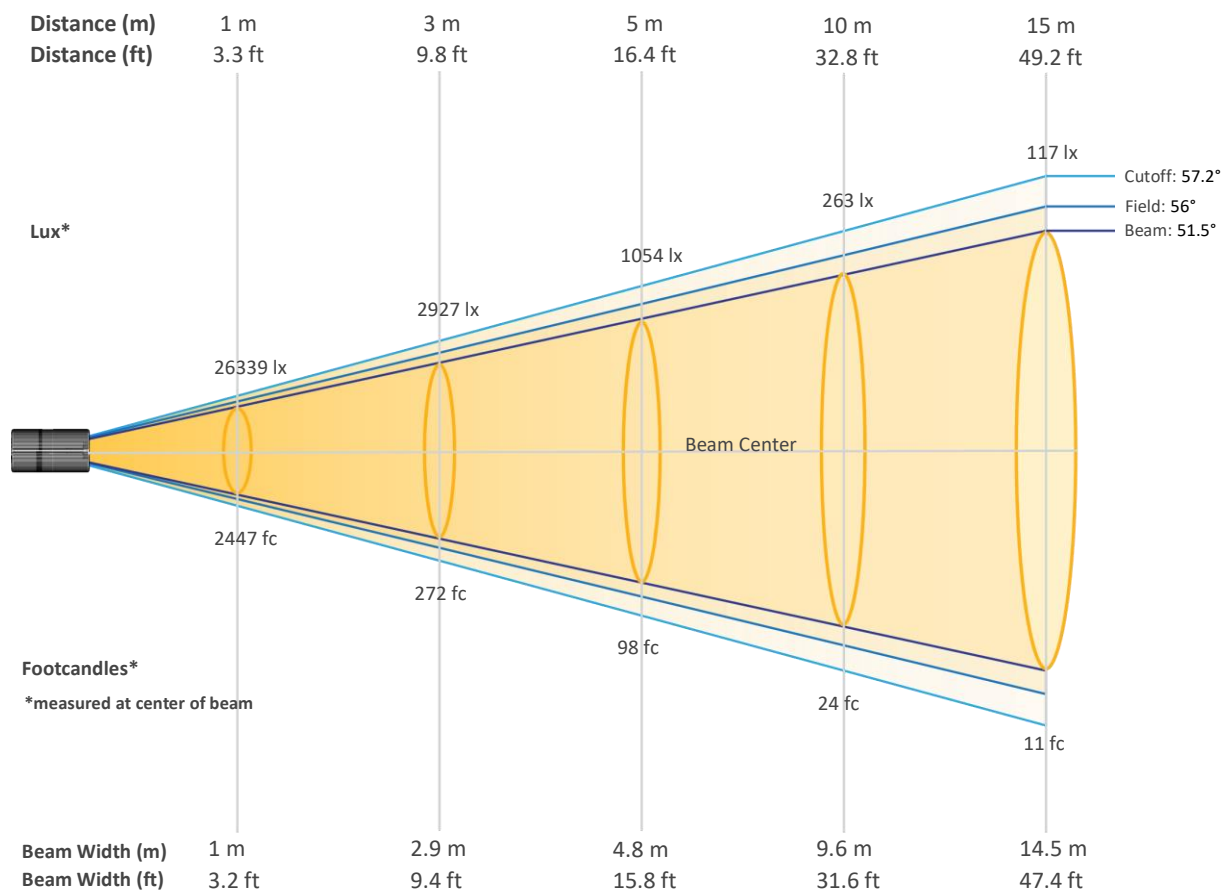
Color Temperature

6577 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV35

Beam Details

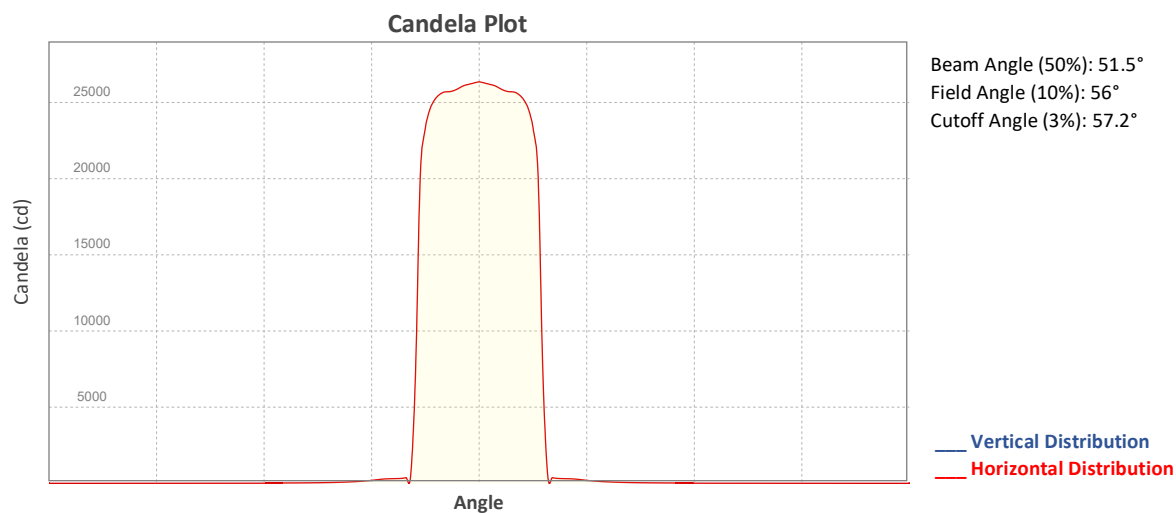


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26339	6585	2927	1646	1054	732	538	412	325	263
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	218	183	156	134	117	103	91	81	73	66
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2447	612	272	153	98	68	50	38	30	24
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	20	17	14	12	11	10	8	8	7	6

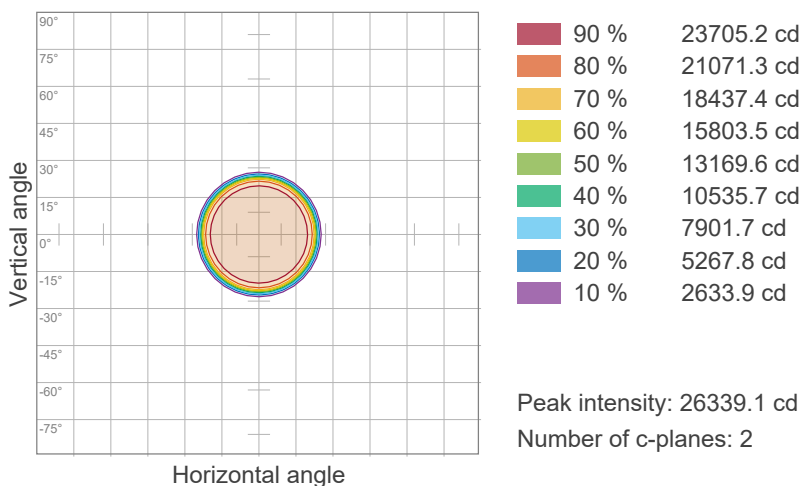
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV35

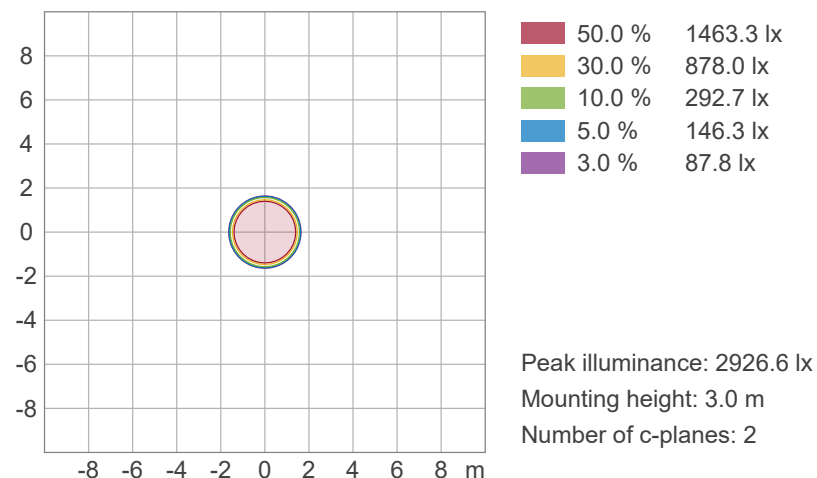


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

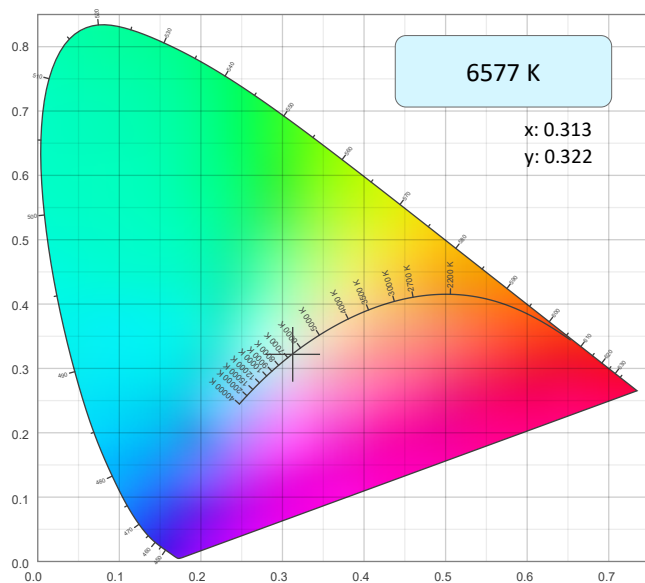


Photometric & Chromaticity Report

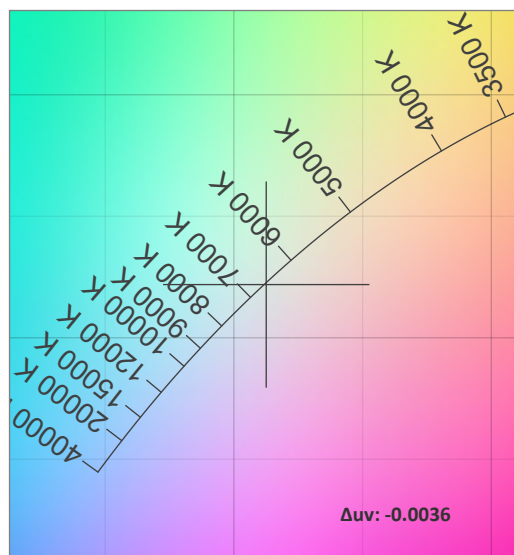
Maverick Storm 3 Profile: Full Flood - Full Power-TV35

Chromaticity

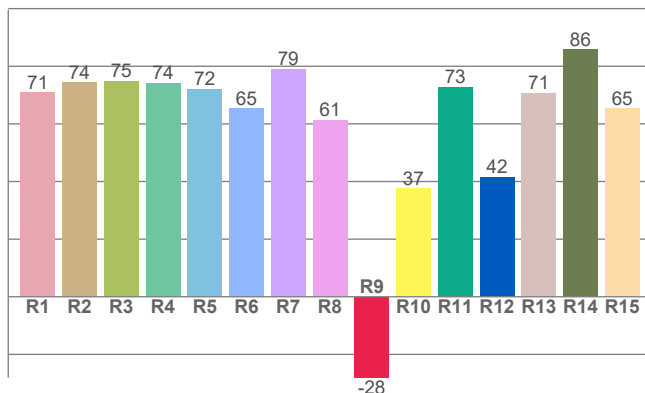
CIE 1931



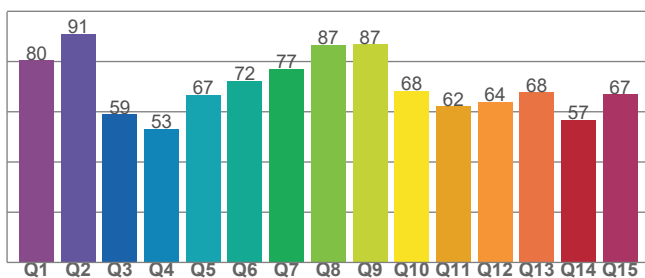
CIE 1931 - Zoom



CRI: 71.5 (R1-R8)



CQS: 68.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6577 K	0.313	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0036	0.322	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.5	-28.0	68.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.8	94.5

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Flood - Full Power-TV35

TM-30 Details

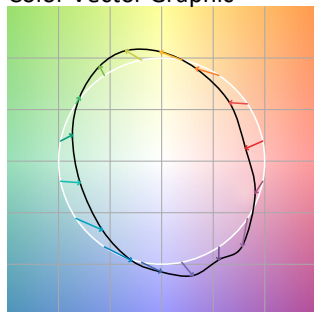
Rf 70.8

Fidelity Index
(Rg)

Rg 94.5

Gammut Index (Rg)

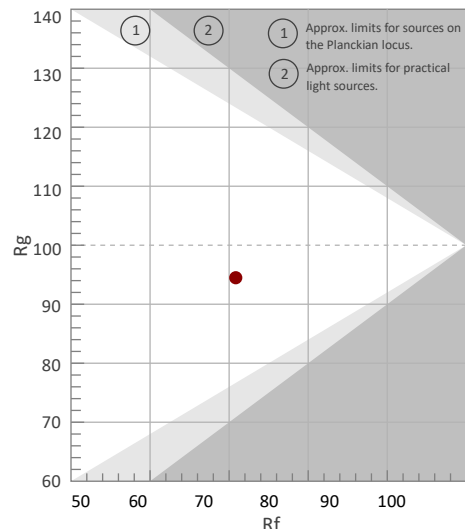
Color Vector Graphic



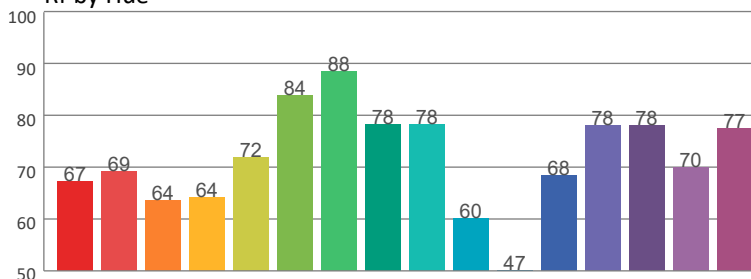
Color Distortion Graphic



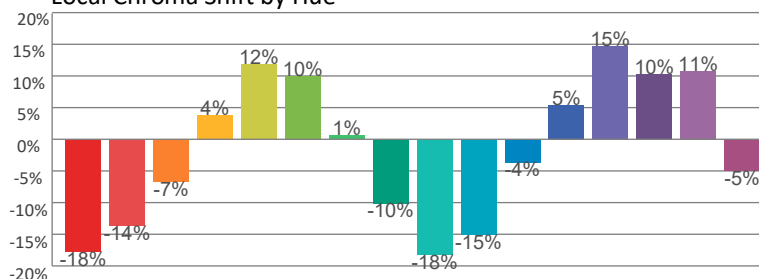
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	69	-14%	11%
3	64	-7%	22%
4	64	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	88	1%	-7%
8	78	-10%	-8%
9	78	-18%	5%
10	60	-15%	23%
11	47	-4%	30%
12	68	5%	21%
13	78	15%	8%
14	78	10%	-7%
15	70	11%	-25%
16	77	-5%	-13%



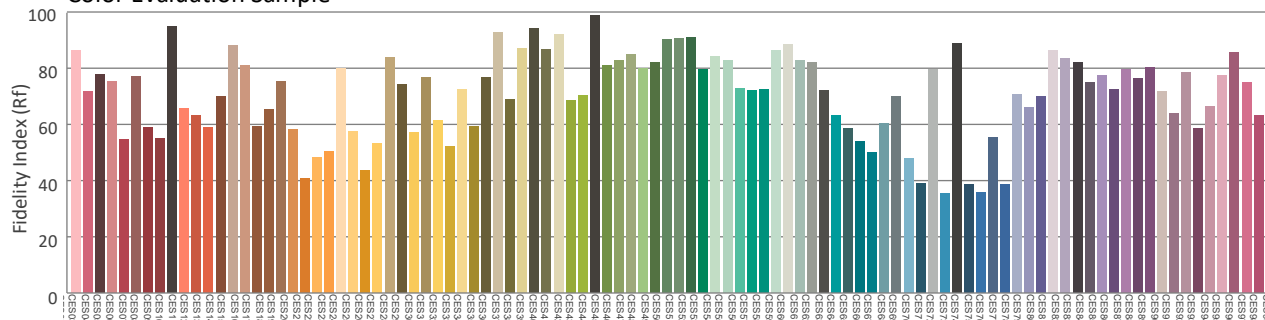
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 13688 lm
Fixture Peak: 4141606 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 165664 lux
Color Temperature: 6507 K
CRI: 72.8 CRI R9 Value: -23.6
CQS: 69.4
TLCI: 49
TM-30 Rf: 72.3
TM-30 Rg: 94.3
Beam Angle (50%): 3.5°
Field Angle (10%): 4.1°
Cutoff Angle (3%): 4.3°

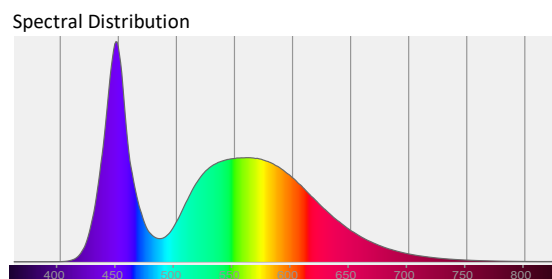
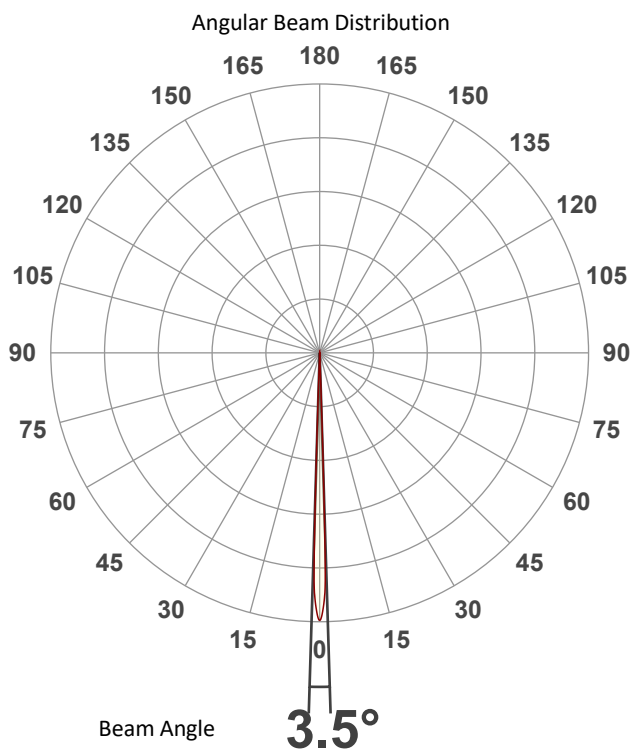


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

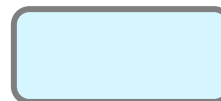
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.323

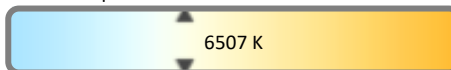


Light Quality

CRI: 72.8

Color Temperature

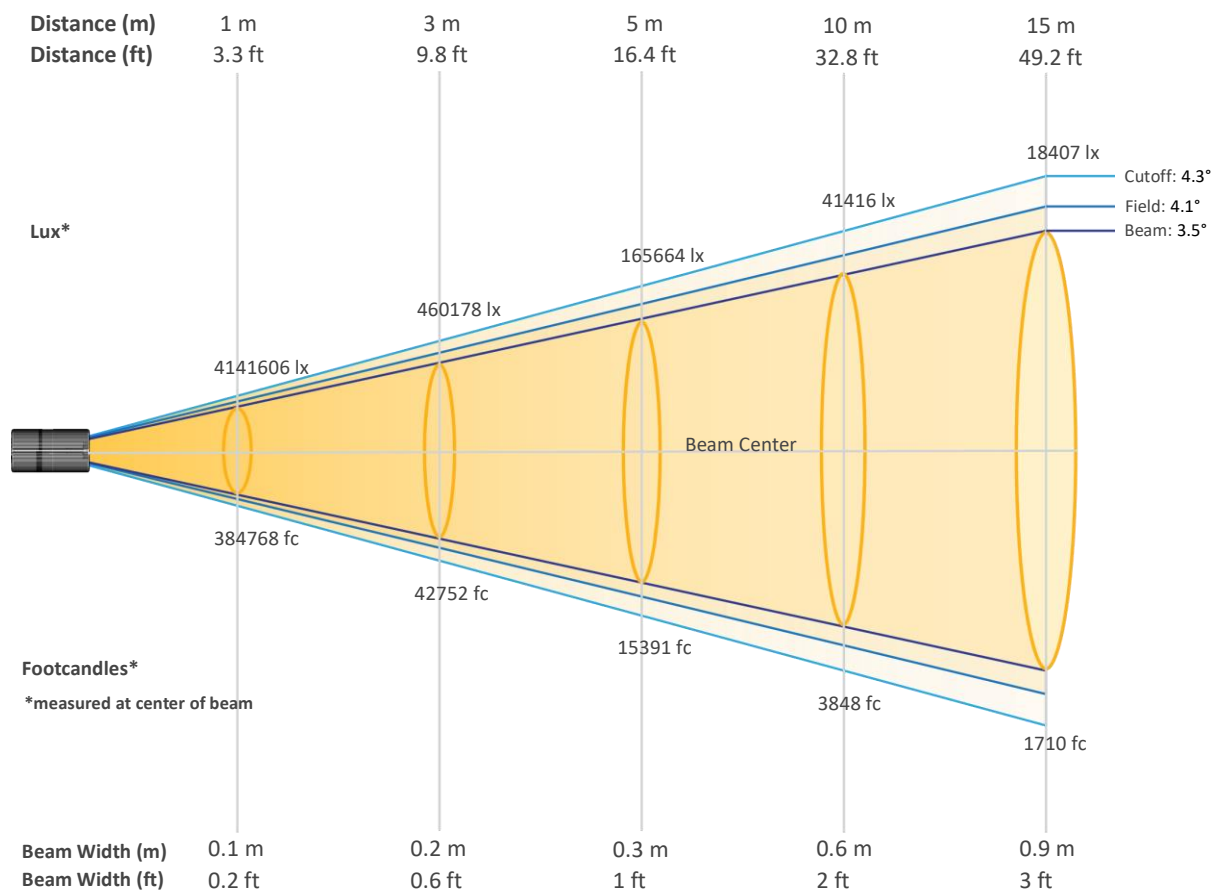
6507 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power

Beam Details

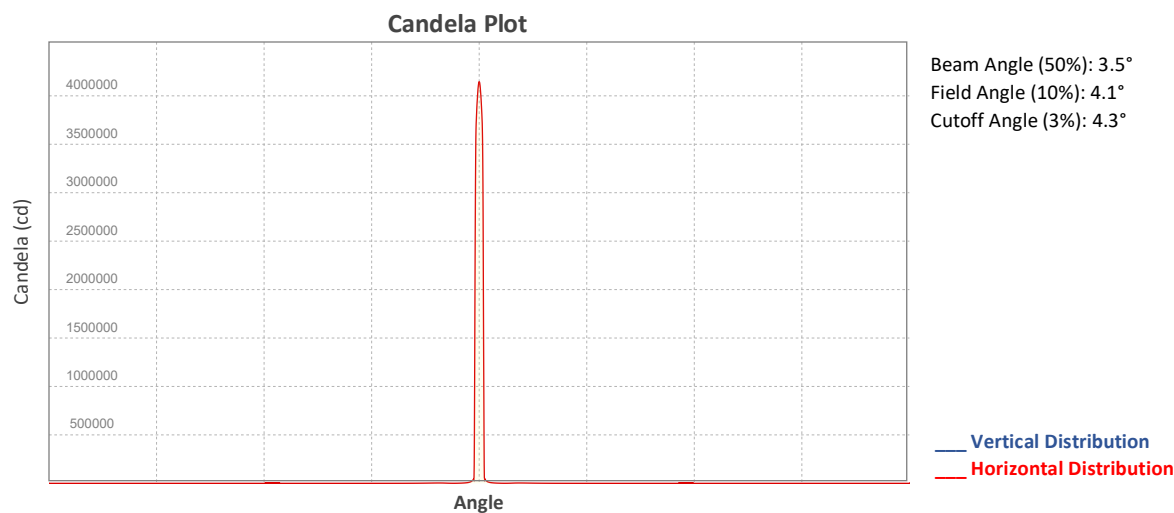


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4141606	1035401	460178	258850	165664	115045	84523	64713	51131	41416
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	34228	28761	24507	21131	18407	16178	14331	12783	11473	10354
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	384768	96192	42752	24048	15391	10688	7852	6012	4750	3848
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3180	2672	2277	1963	1710	1503	1331	1188	1066	962

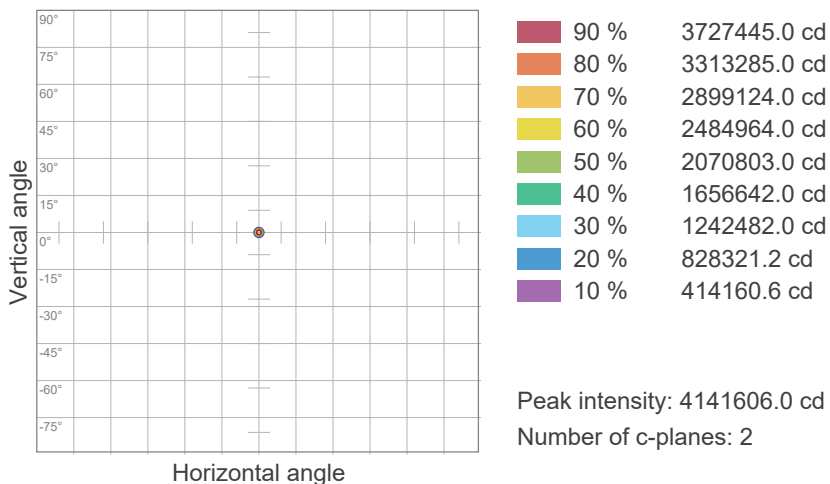
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power

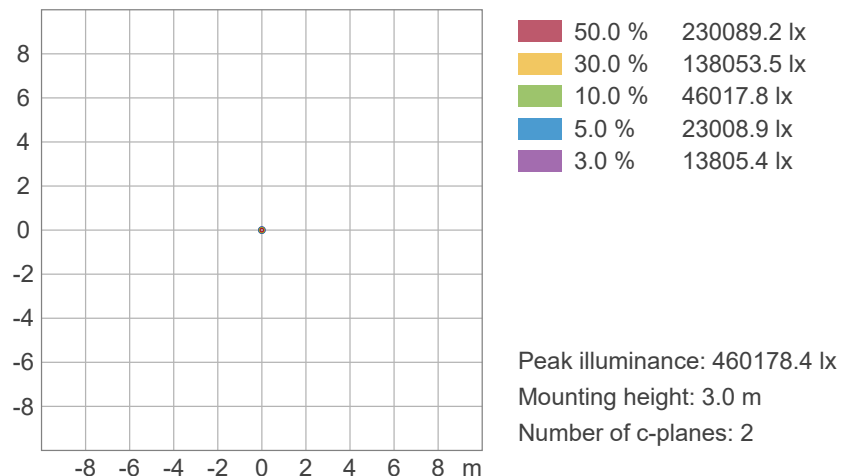


ISO Diagrams

ISO Candela Diagram



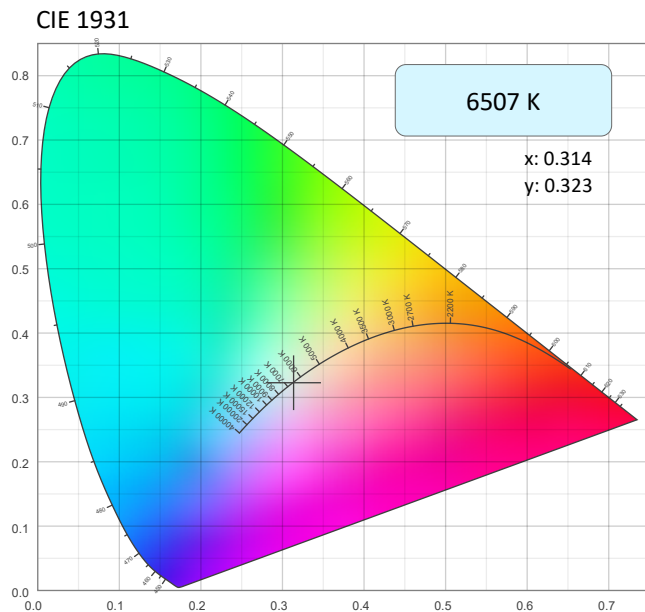
ISO Lux Diagram



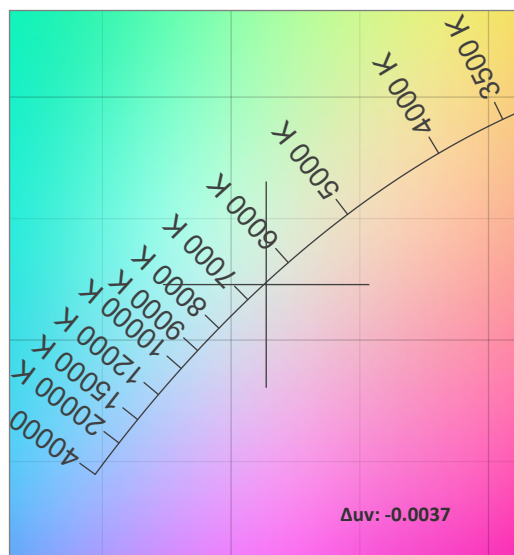
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power

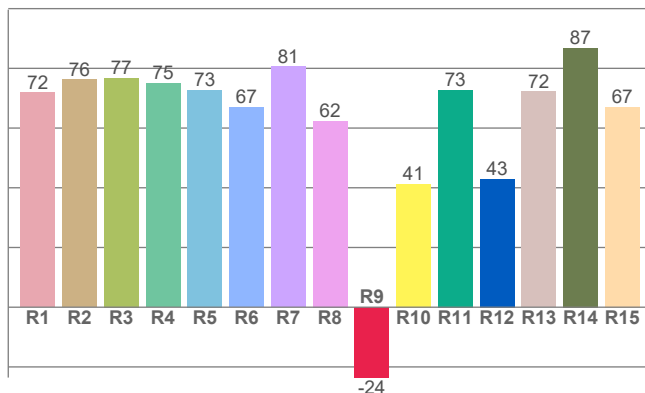
Chromaticity



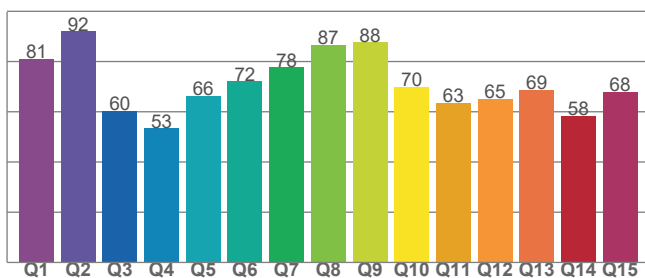
CIE 1931 - Zoom



CRI: 72.8 (R1-R8)



CQS: 69.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6507 K	0.314	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0037	0.323	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.8	-23.6	69.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.3	94.3

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power

TM-30 Details

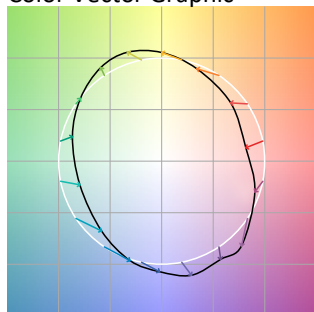
Rf 72.3

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

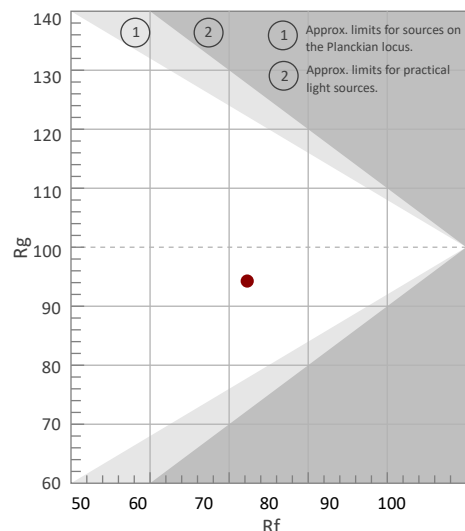
Color Vector Graphic



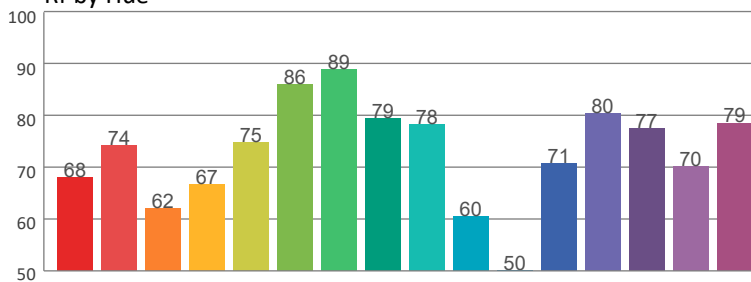
Color Distortion Graphic



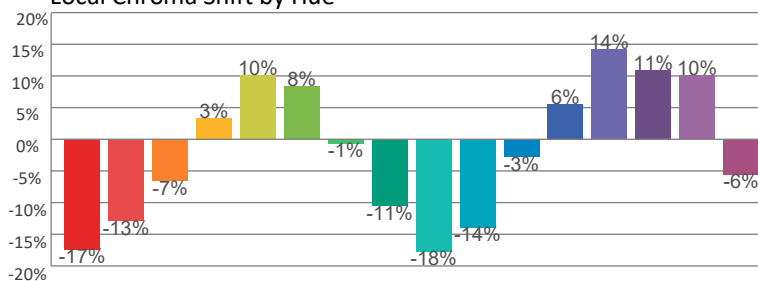
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-3%
2	74	-13%	10%
3	62	-7%	21%
4	67	3%	21%
5	75	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	50	-3%	28%
12	71	6%	19%
13	80	14%	7%
14	77	11%	-5%
15	70	10%	-25%
16	79	-6%	-12%



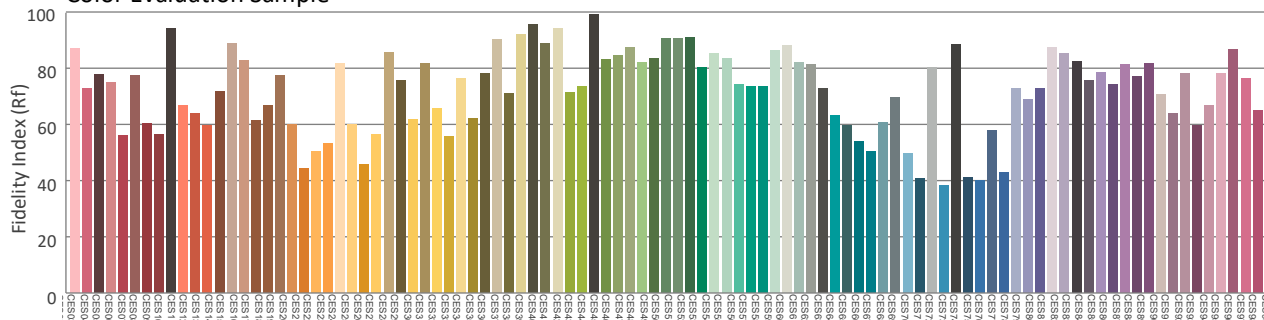
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-Auto

Report Summary

Measurements

Fixture Output: 14075 lm
Fixture Peak: 4116845 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 164674 lux
Color Temperature: 6511 K
CRI: 72.9 CRI R9 Value: -23.4
CQS: 69.3
TLCI: 49
TM-30 Rf: 72.3
TM-30 Rg: 94.3
Beam Angle (50%): 3.5°
Field Angle (10%): 4.1°
Cutoff Angle (3%): 4.5°

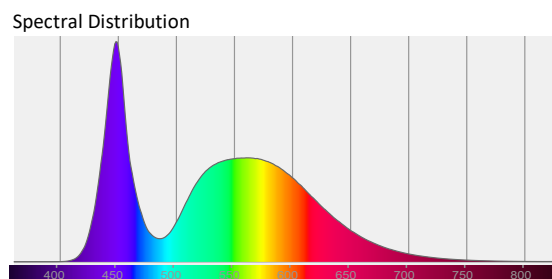
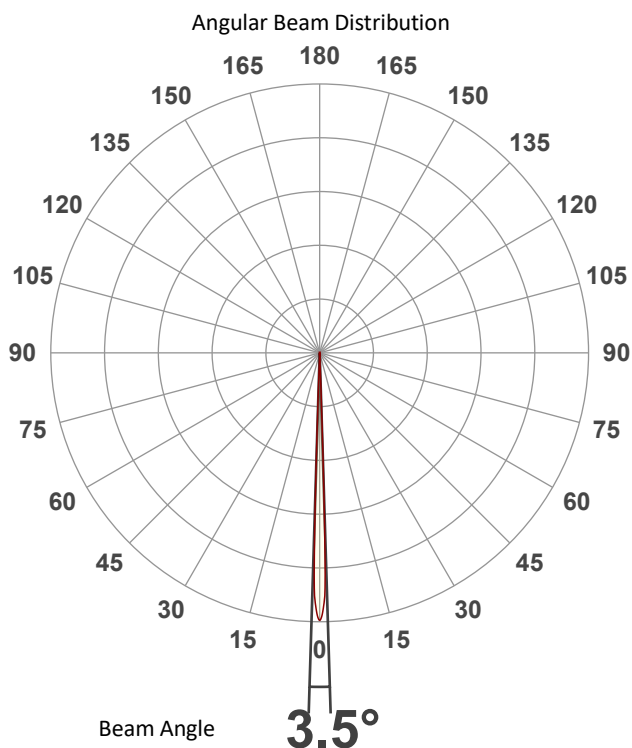


Conditions

AC Supply: 110 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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

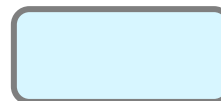
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.323



Light Quality

CRI: 72.9

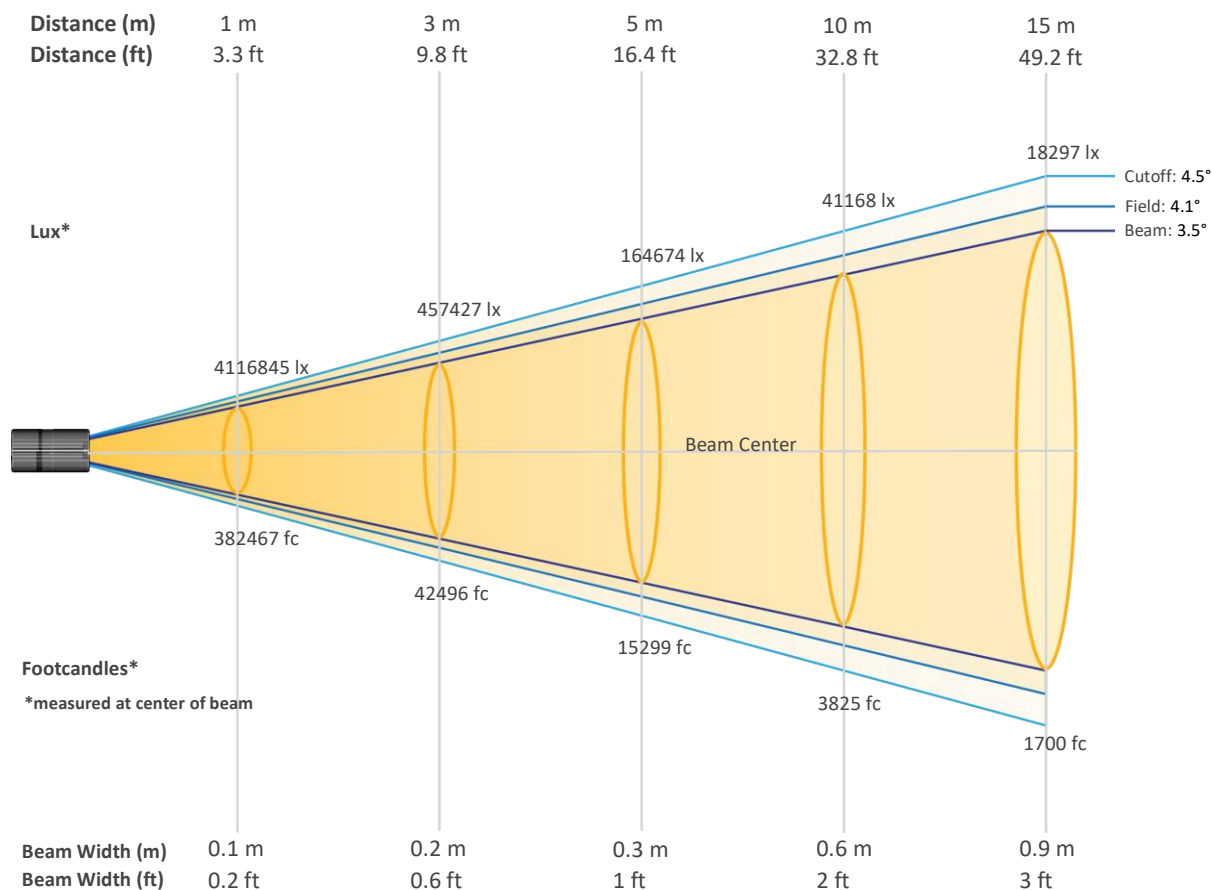
Color Temperature

6511 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-Auto

Beam Details

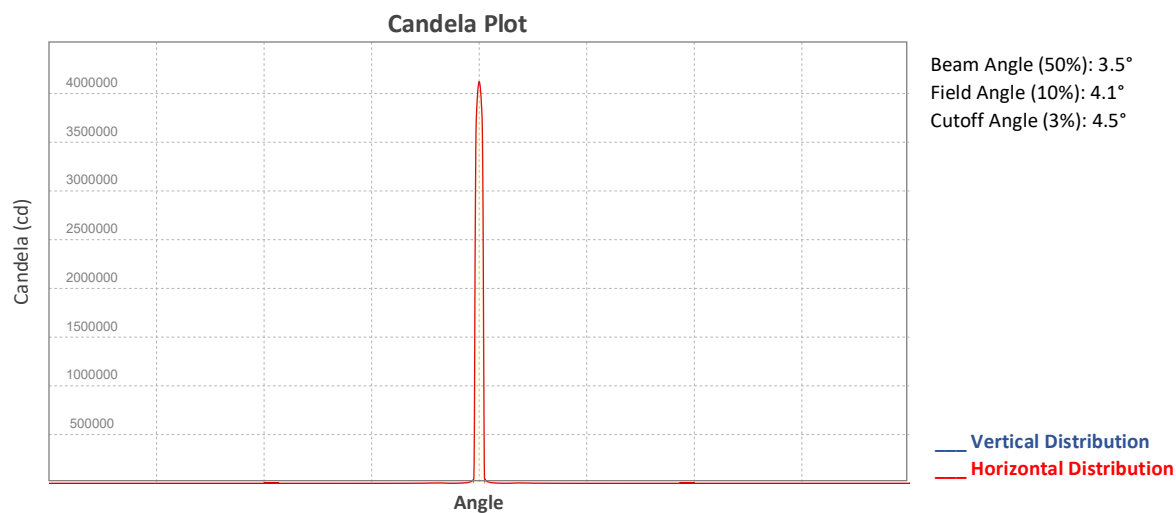


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4116845	1029211	457427	257303	164674	114357	84017	64326	50825	41168
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	34024	28589	24360	21004	18297	16081	14245	12706	11404	10292
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	382467	95617	42496	23904	15299	10624	7805	5976	4722	3825
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3161	2656	2263	1951	1700	1494	1323	1180	1059	956

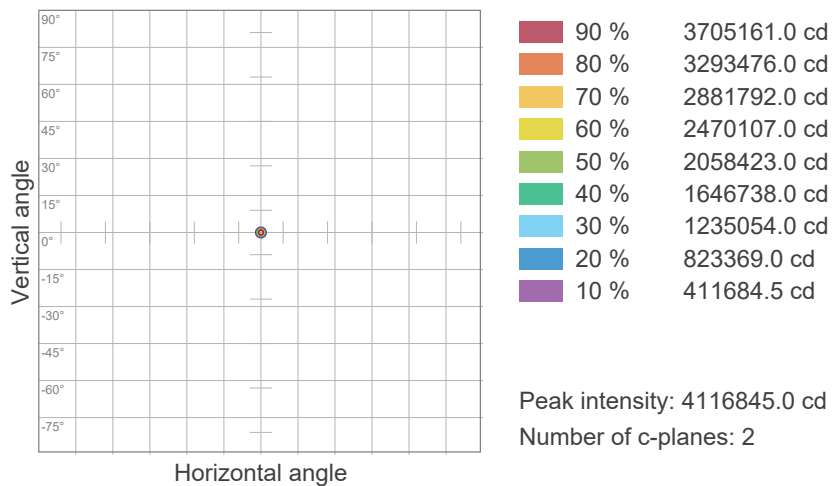
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-Auto

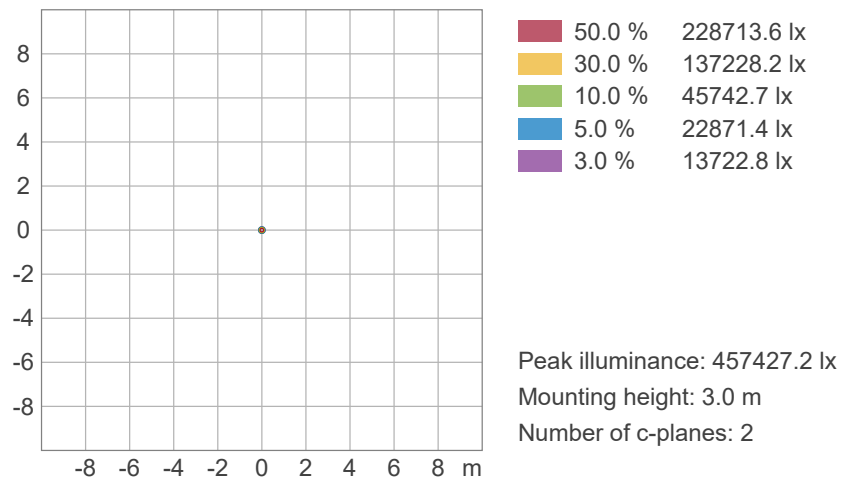


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

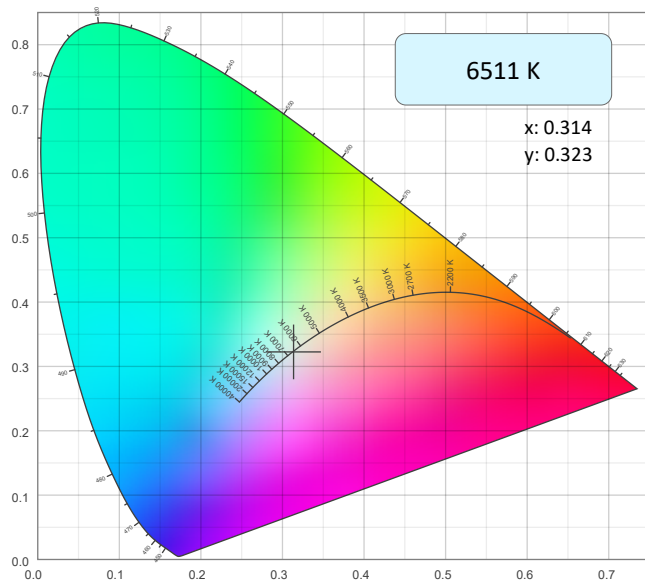


Photometric & Chromaticity Report

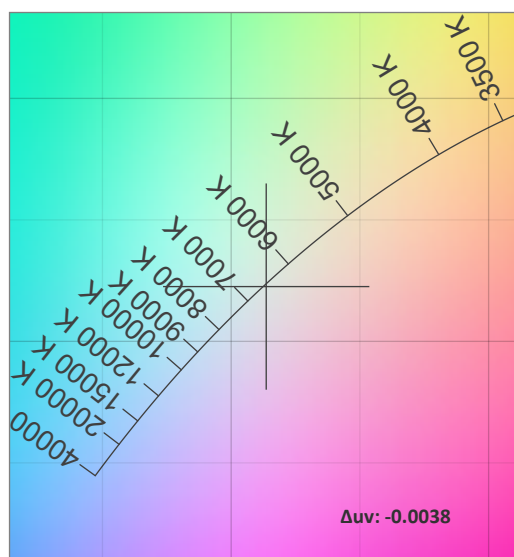
Maverick Storm 3 Profile: Full Spot - Full Power-Auto

Chromaticity

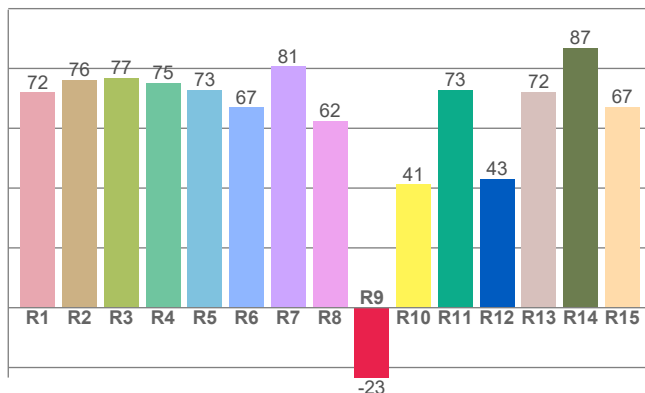
CIE 1931



CIE 1931 - Zoom



CRI: 72.9 (R1-R8)

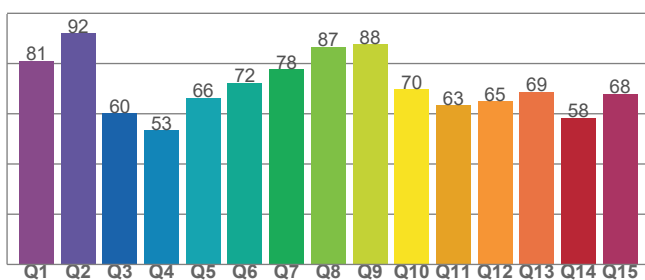


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6511 K	0.314	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.323	0.201

CQS: 69.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.9	-23.4	69.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.3	94.3

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-Auto

TM-30 Details

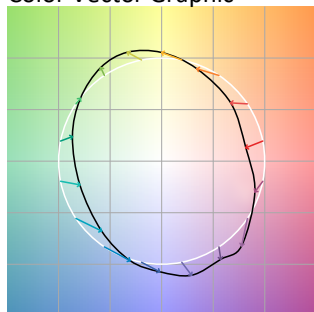
Rf 72.3

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

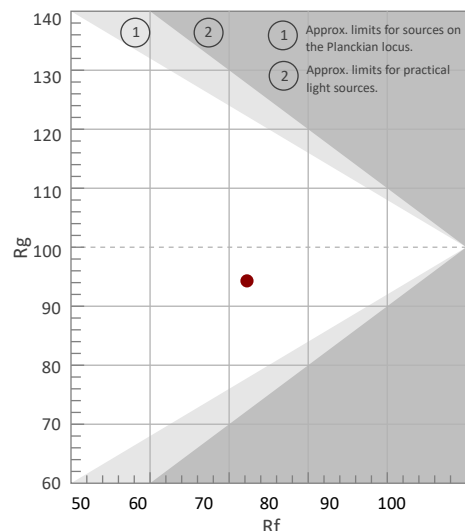
Color Vector Graphic



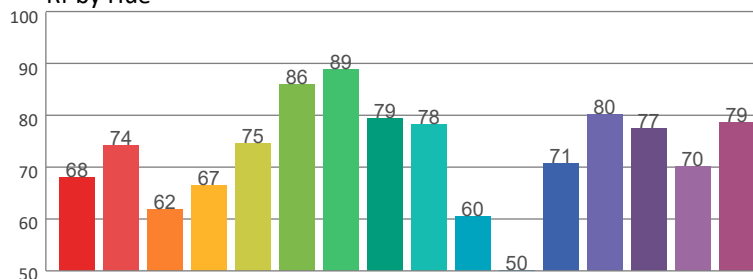
Color Distortion Graphic



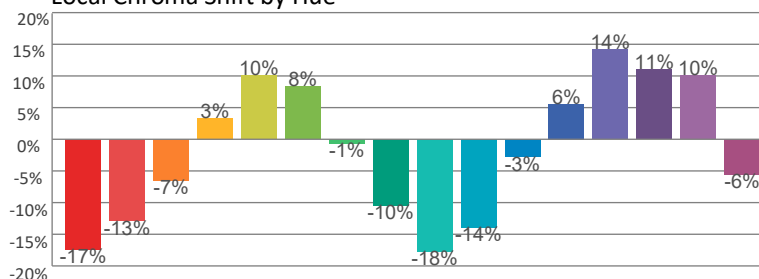
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-3%
2	74	-13%	10%
3	62	-7%	21%
4	67	3%	21%
5	75	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-10%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	50	-3%	28%
12	71	6%	19%
13	80	14%	7%
14	77	11%	-5%
15	70	10%	-25%
16	79	-6%	-12%



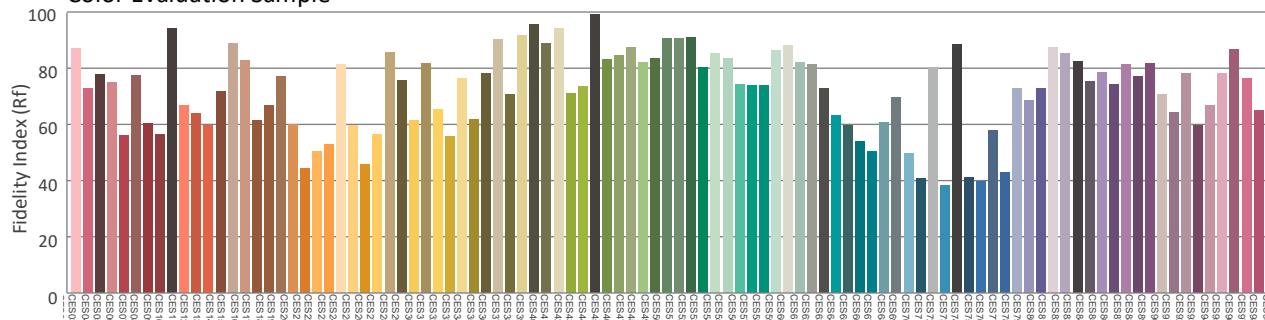
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-ECO

Report Summary

Measurements

Fixture Output: 13601 lm
Fixture Peak: 4044470 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 161779 lux
Color Temperature: 6532 K
CRI: 73.1 CRI R9 Value: -22.7
CQS: 69.5
TLCI: 50
TM-30 Rf: 72.6
TM-30 Rg: 93.9
Beam Angle (50%): 3.5°
Field Angle (10%): 4.1°
Cutoff Angle (3%): 4.3°

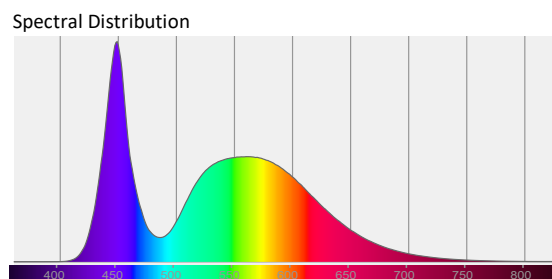
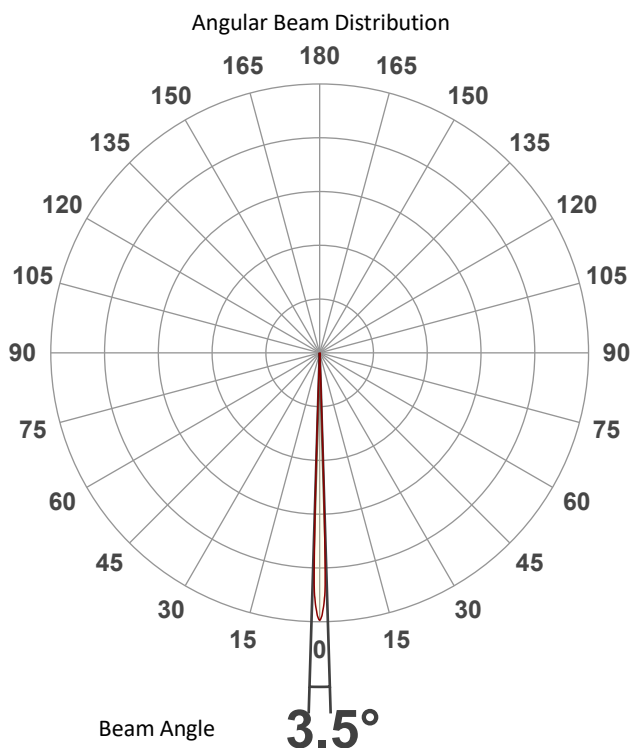
Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

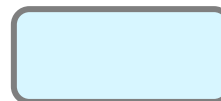
Overall Measurement



Tested Color (CIE 1931):

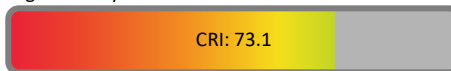
X: 0.313

Y: 0.322



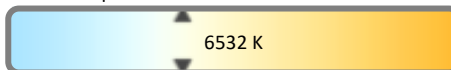
Light Quality

CRI: 73.1



Color Temperature

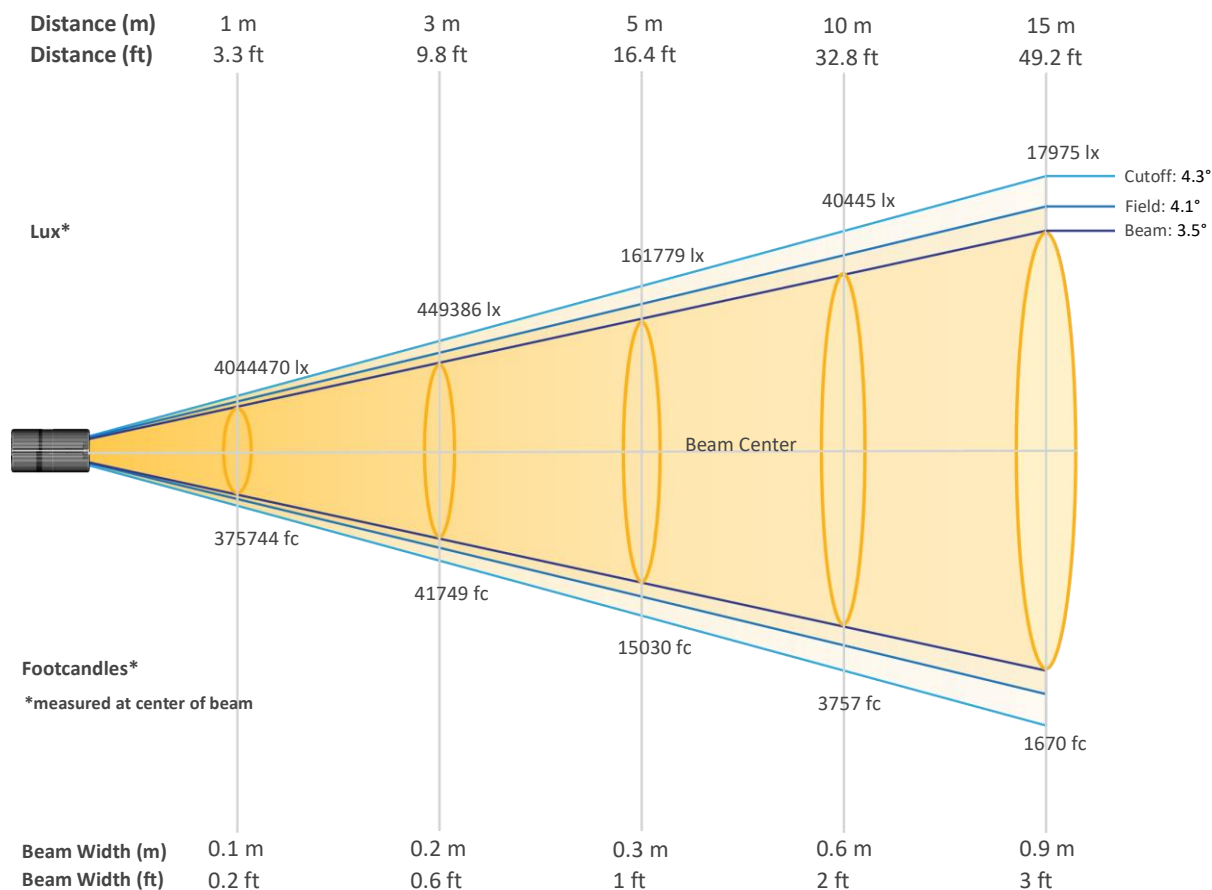
6532 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-ECO

Beam Details

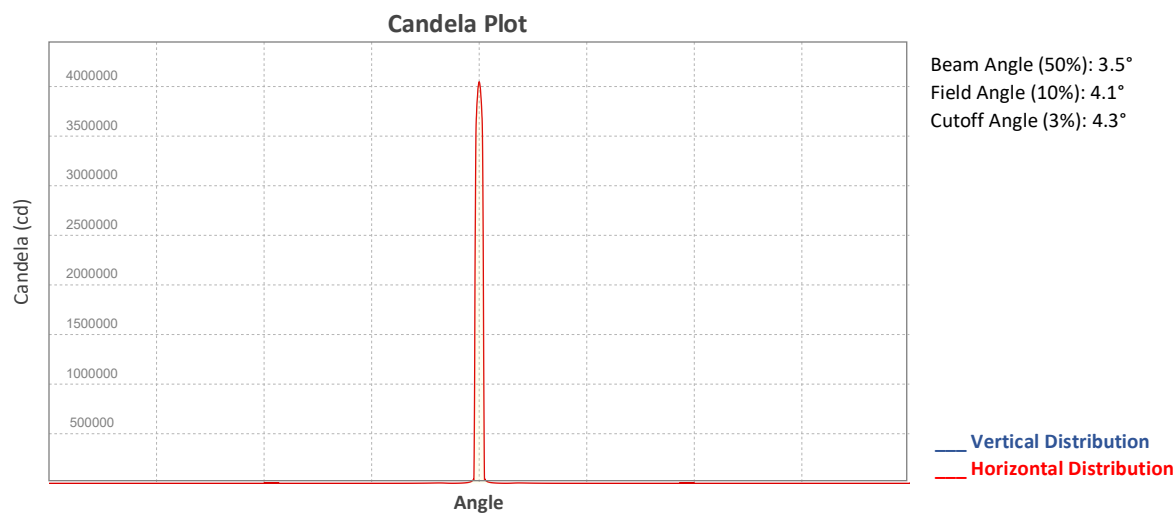


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4044470	1011117	449386	252779	161779	112346	82540	63195	49932	40445
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	33425	28087	23932	20635	17975	15799	13995	12483	11204	10111
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	375744	93936	41749	23484	15030	10437	7668	5871	4639	3757
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3105	2609	2223	1917	1670	1468	1300	1160	1041	939

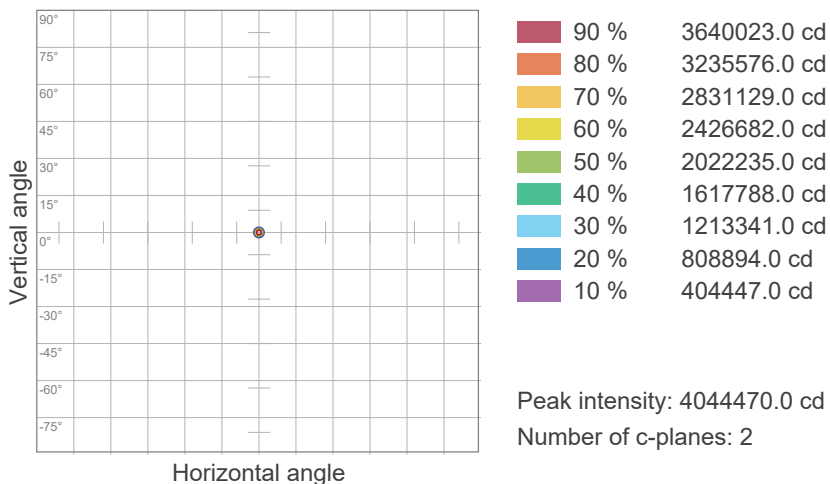
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-ECO

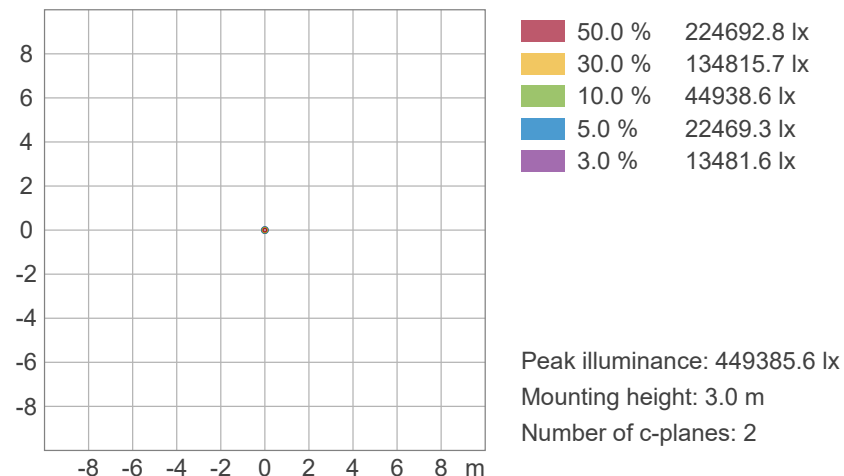


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

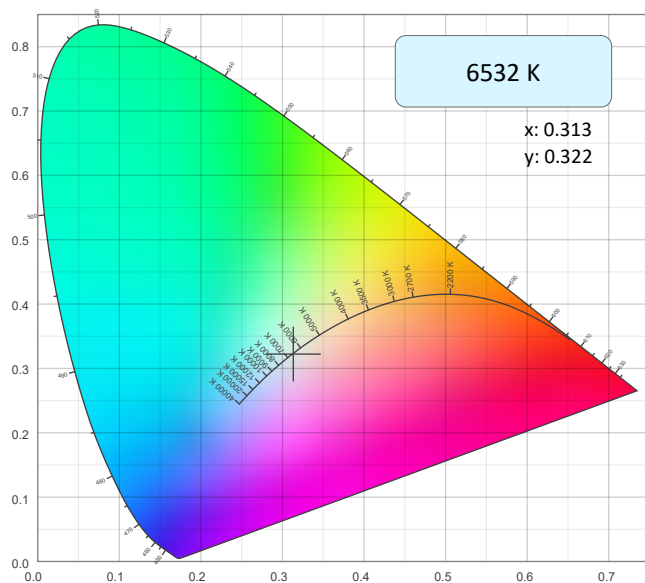


Photometric & Chromaticity Report

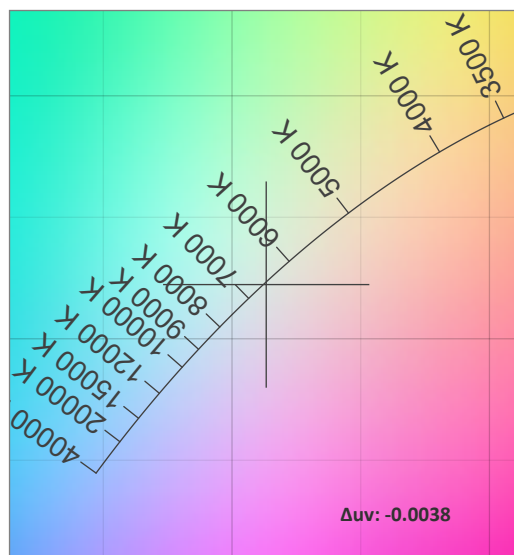
Maverick Storm 3 Profile: Full Spot - Full Power-ECO

Chromaticity

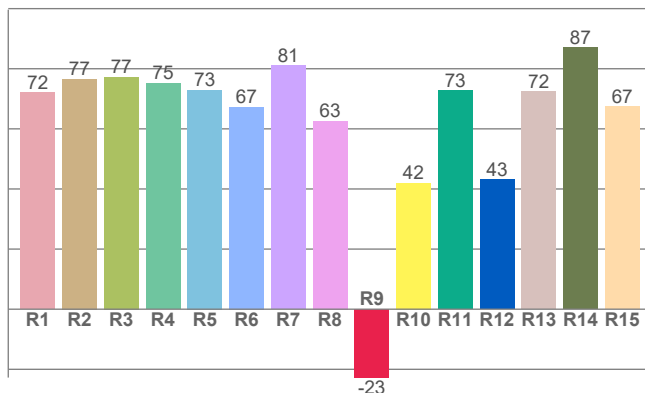
CIE 1931



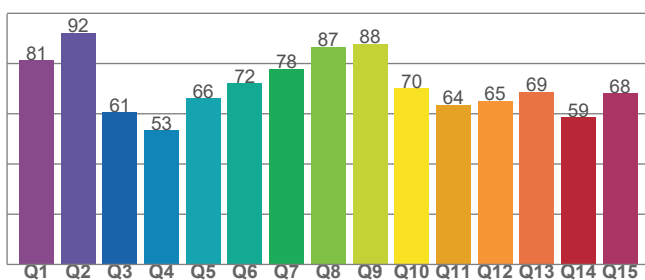
CIE 1931 - Zoom



CRI: 73.1 (R1-R8)



CQS: 69.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6532 K	0.313	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.322	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.1	-22.7	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.6	93.9

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-ECO

TM-30 Details

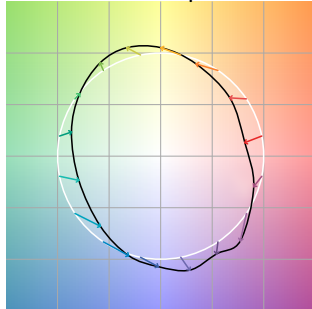
Rf 72.6

Fidelity Index
(Rg)

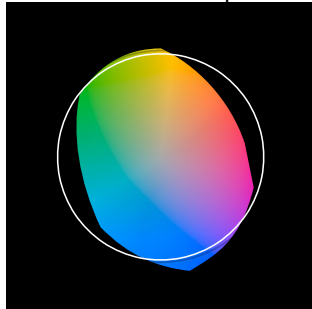
Rg 93.9

Gamut Index (Rg)

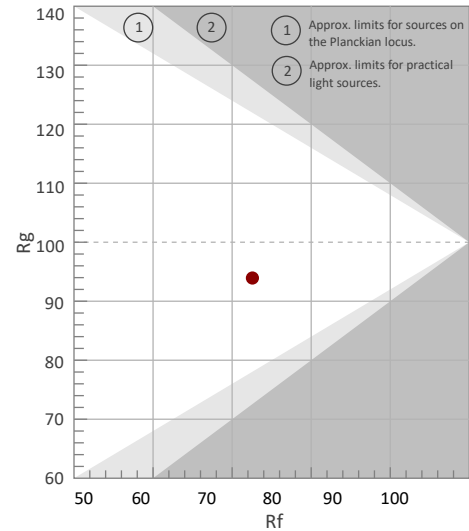
Color Vector Graphic



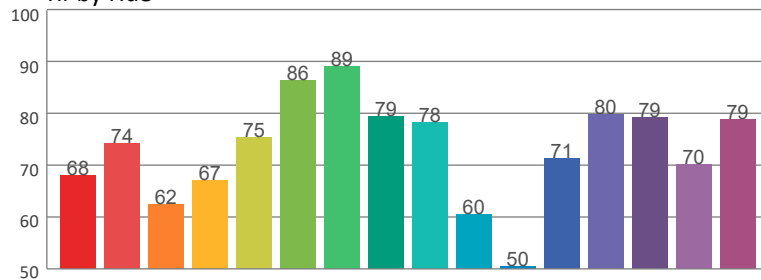
Color Distortion Graphic



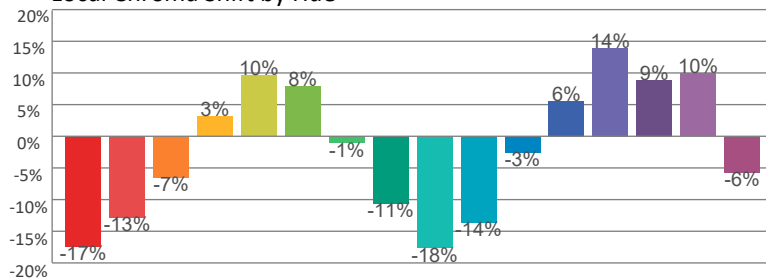
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-3%
2	74	-13%	10%
3	62	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-6%
9	78	-18%	8%
10	60	-14%	24%
11	50	-3%	28%
12	71	6%	18%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-25%
16	79	-6%	-11%



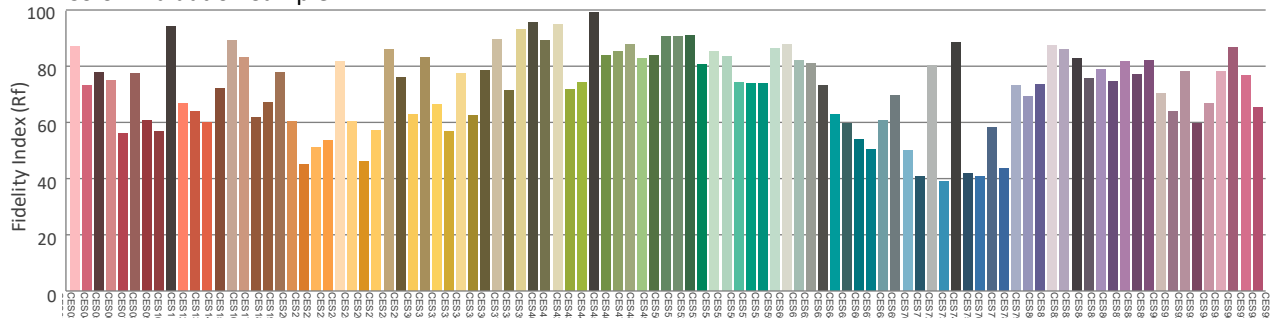
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV25

Report Summary

Measurements

Fixture Output: 8494 lm
Fixture Peak: 2532479 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 101299 lux
Color Temperature: 6414 K
CRI: 71.9 CRI R9 Value: -26.8
CQS: 68.9
TLCI: 48
TM-30 Rf: 71.4
TM-30 Rg: 94.8
Beam Angle (50%): 3.5°
Field Angle (10%): 4°
Cutoff Angle (3%): 4.3°

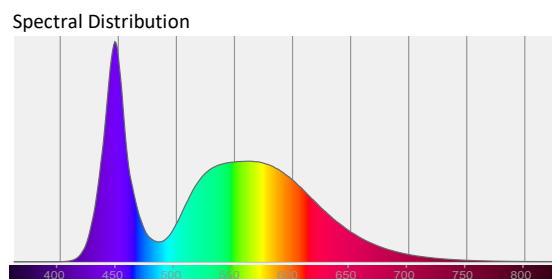
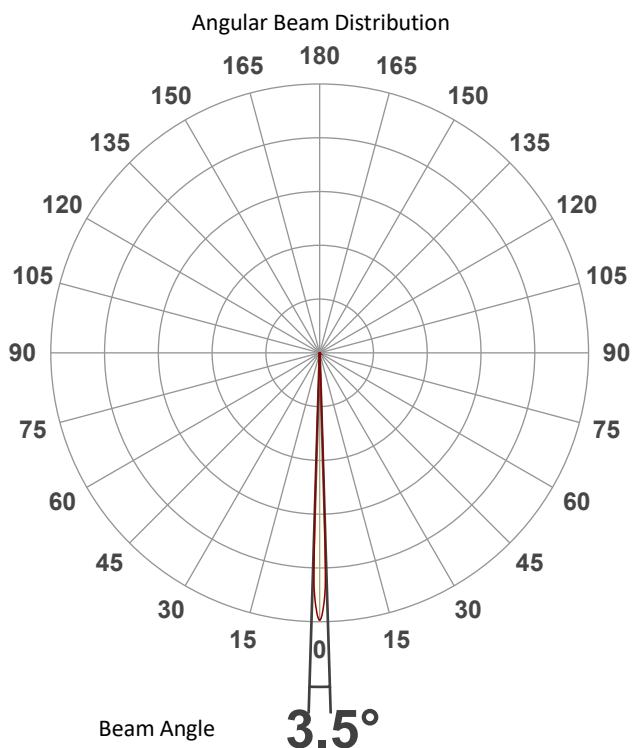


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

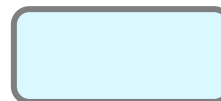
Overall Measurement



Tested Color (CIE 1931):

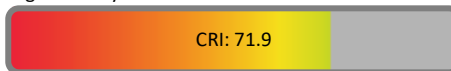
X: 0.315

Y: 0.325



Light Quality

CRI: 71.9



Color Temperature

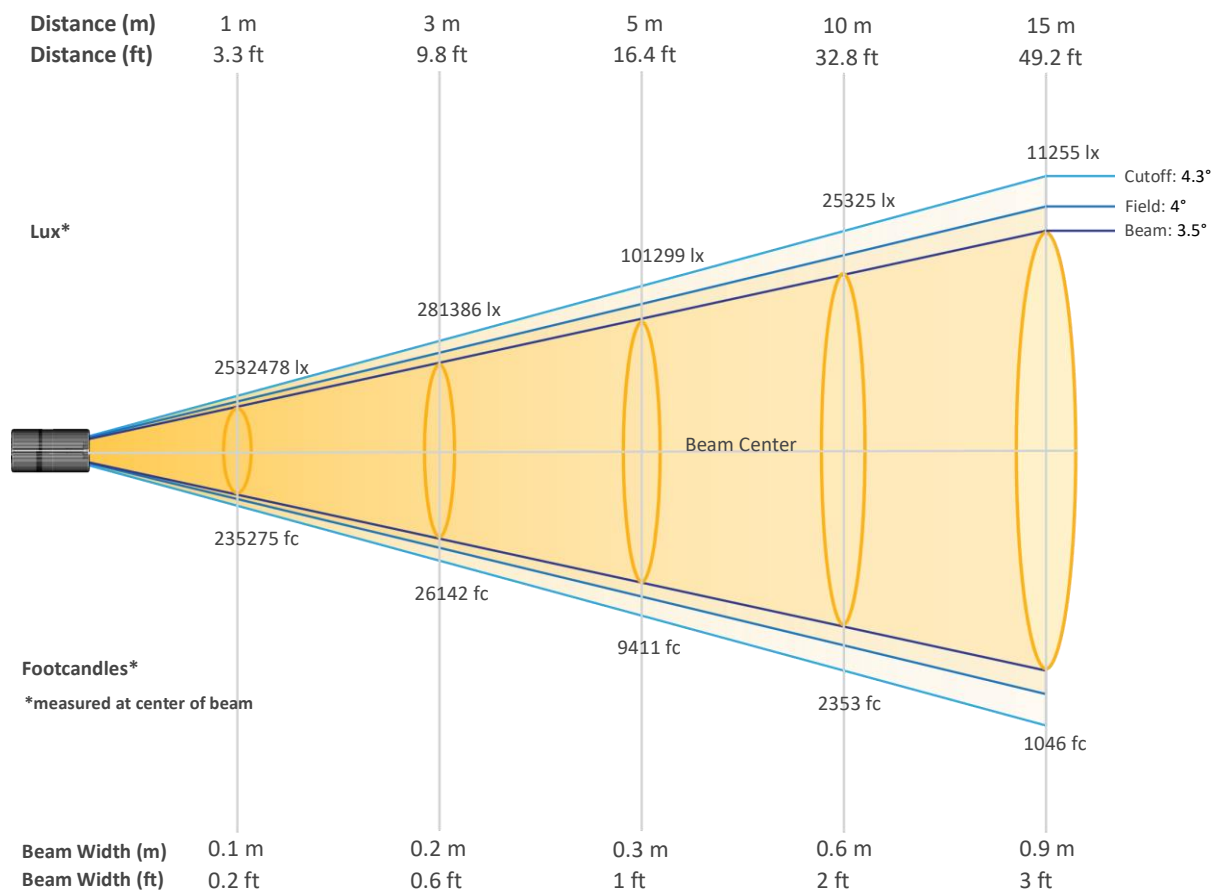
6414 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV25

Beam Details

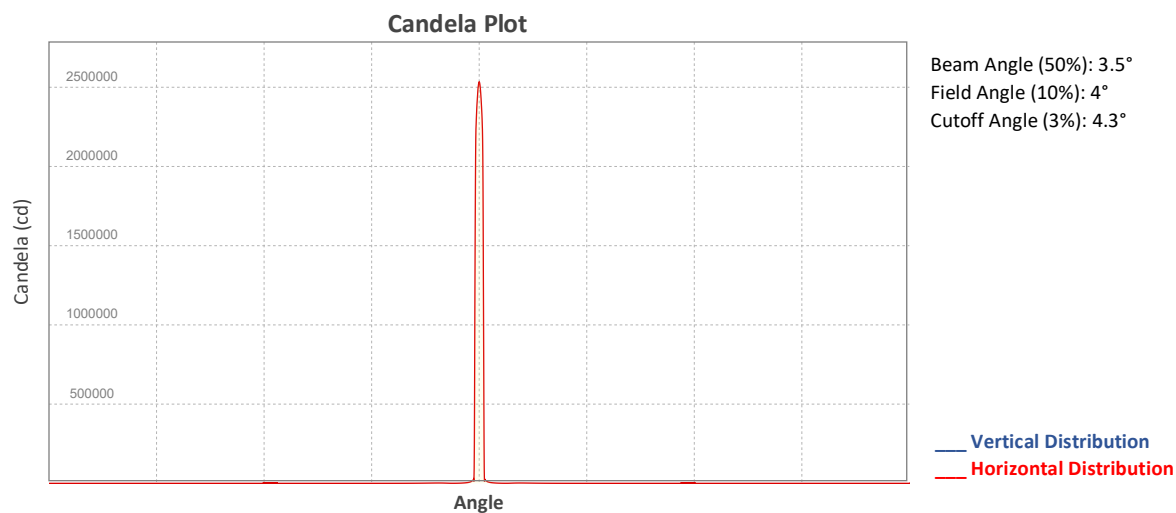


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2532478	633120	281386	158280	101299	70347	51683	39570	31265	25325
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	20930	17587	14985	12921	11255	9892	8763	7816	7015	6331
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	235275	58819	26142	14705	9411	6535	4802	3676	2905	2353
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1944	1634	1392	1200	1046	919	814	726	652	588

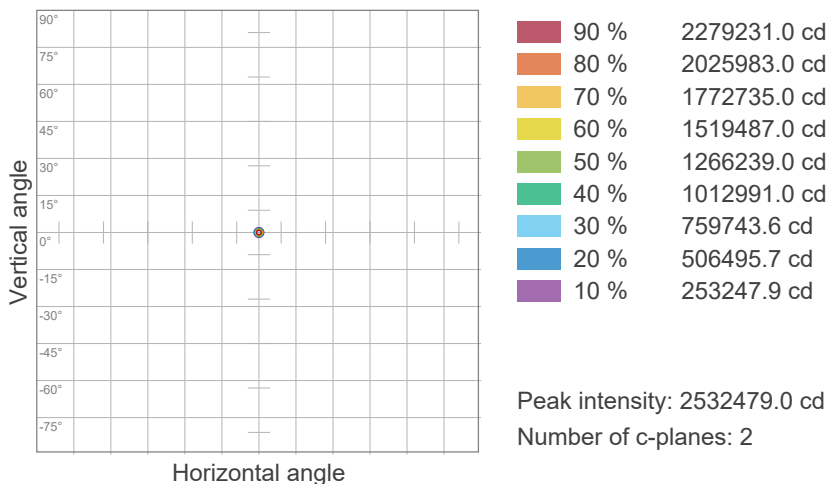
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV25

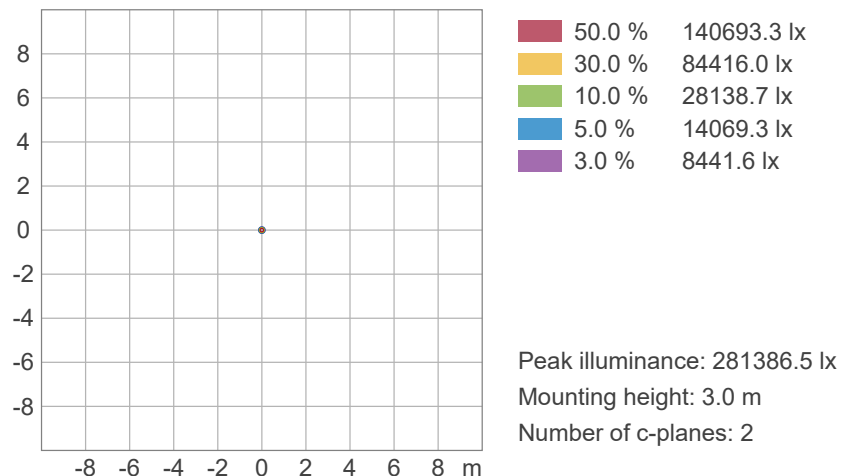


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

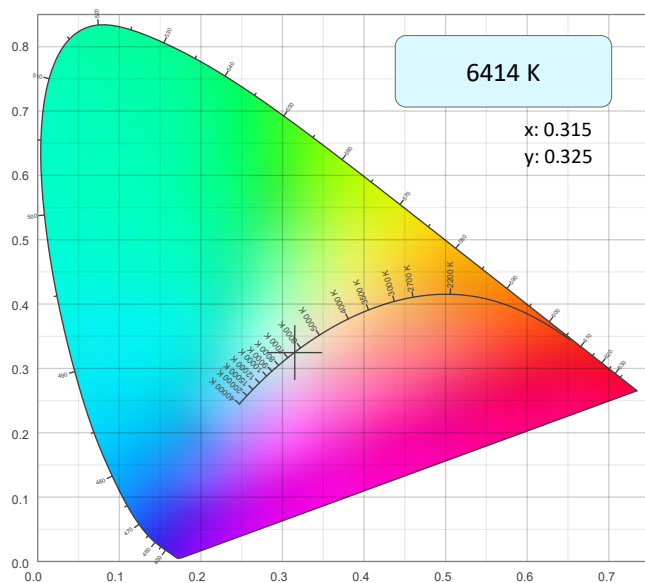


Photometric & Chromaticity Report

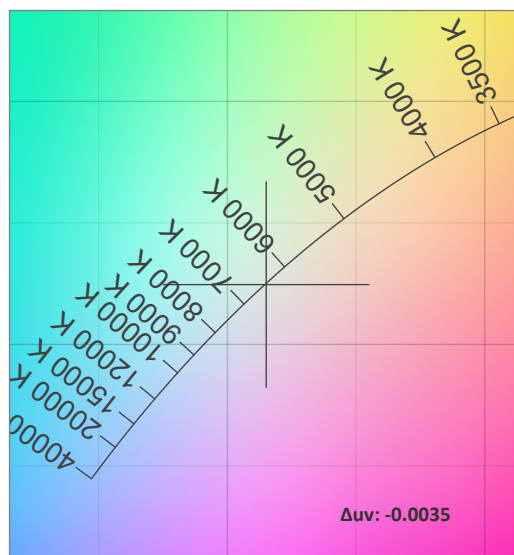
Maverick Storm 3 Profile: Full Spot - Full Power-TV25

Chromaticity

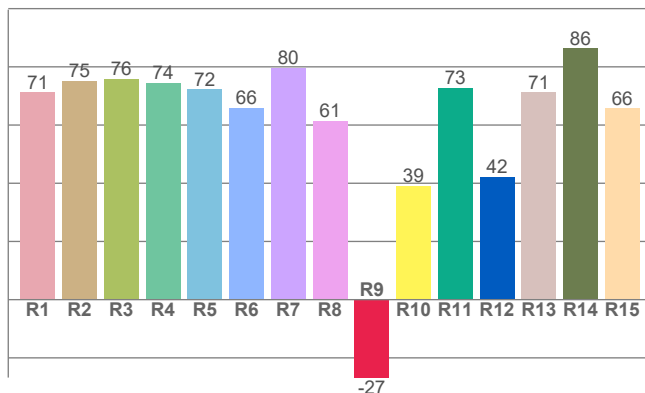
CIE 1931



CIE 1931 - Zoom



CRI: 71.9 (R1-R8)

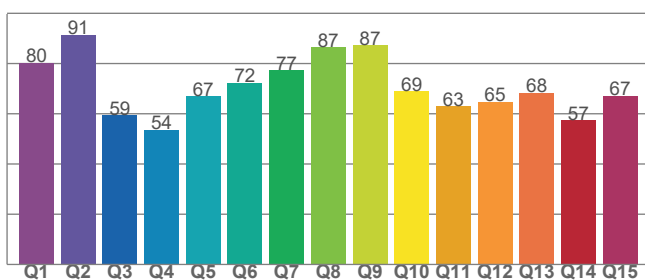


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6414 K	0.315	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0035	0.325	0.201

CQS: 68.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.9	-26.8	68.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.4	94.8

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV25

TM-30 Details

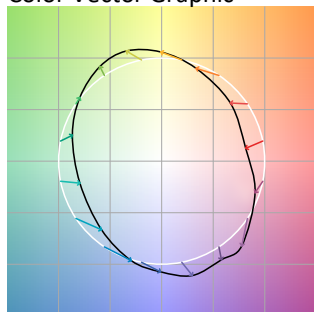
Rf 71.4

Fidelity Index
(Rg)

Rg 94.8

Gammut Index (Rg)

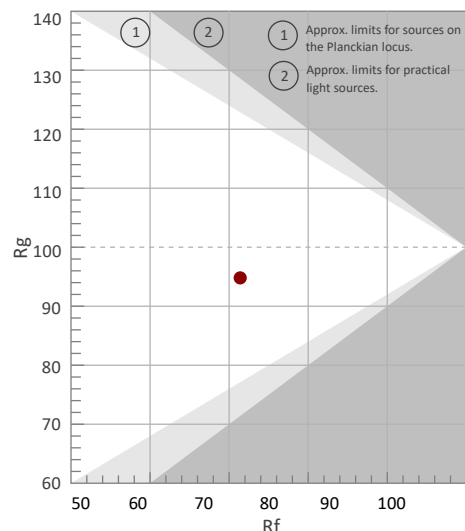
Color Vector Graphic



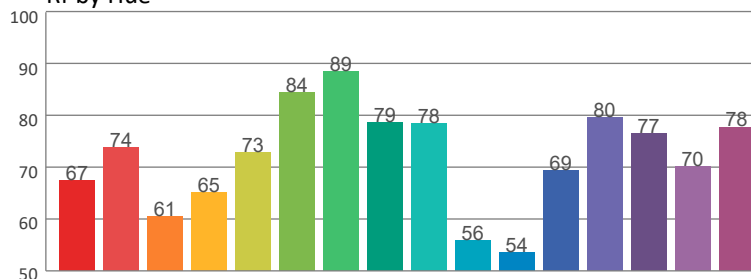
Color Distortion Graphic



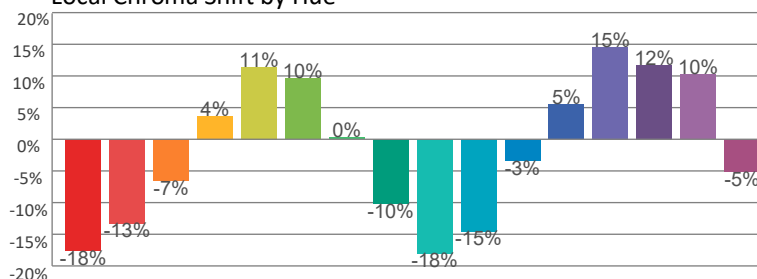
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	61	-7%	22%
4	65	4%	21%
5	73	11%	13%
6	84	10%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	78	-18%	5%
10	56	-15%	23%
11	54	-3%	29%
12	69	5%	20%
13	80	15%	8%
14	77	12%	-5%
15	70	10%	-25%
16	78	-5%	-12%



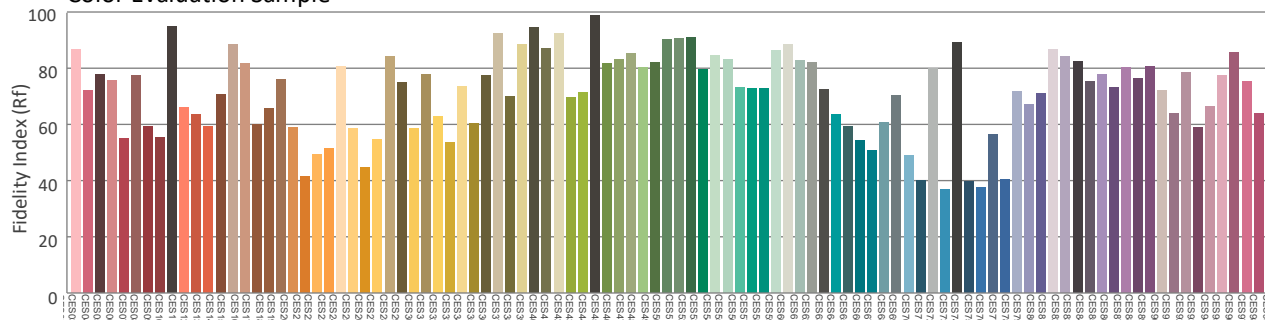
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV35

Report Summary

Measurements

Fixture Output: 6906 lm

Fixture Peak: 2026767 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 81071 lux

Color Temperature: 6387 K

CRI: 71.7 CRI R9 Value: -27.9

CQS: 68.8

TLCI: 48

TM-30 Rf: 71.2

TM-30 Rg: 94.9

Beam Angle (50%): 3.5°

Field Angle (10%): 4.1°

Cutoff Angle (3%): 4.4°

Conditions

AC Supply: 115 V, 60.1 Hz

Power: 0.0 W

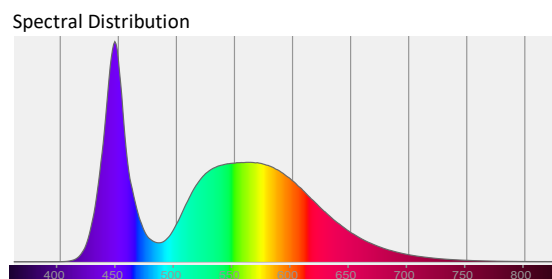
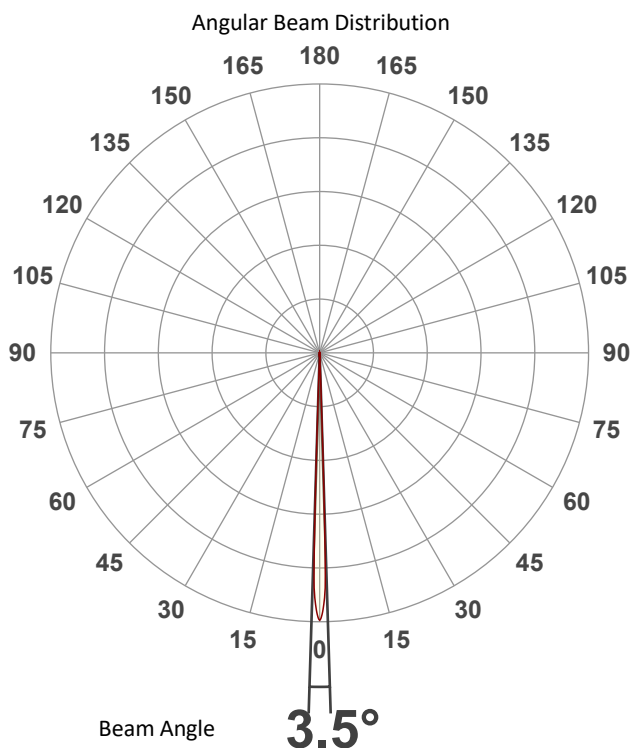
Current: 0.000 A

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 9/23/2025 to LM-63-2002 Standards.

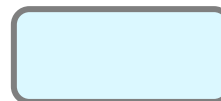
Overall Measurement



Tested Color (CIE 1931):

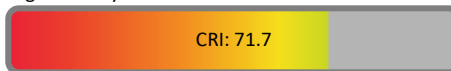
X: 0.315

Y: 0.325



Light Quality

CRI: 71.7



Color Temperature

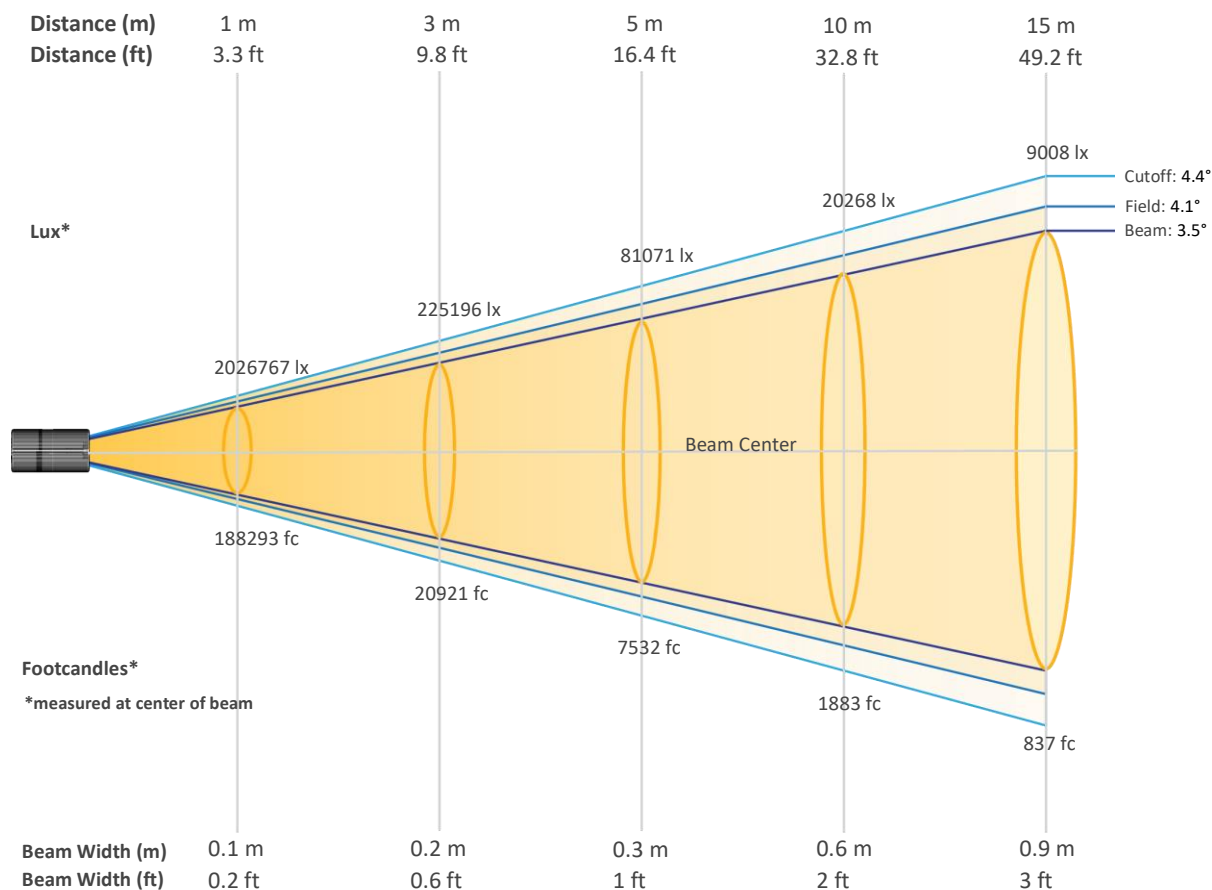
6387 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV35

Beam Details

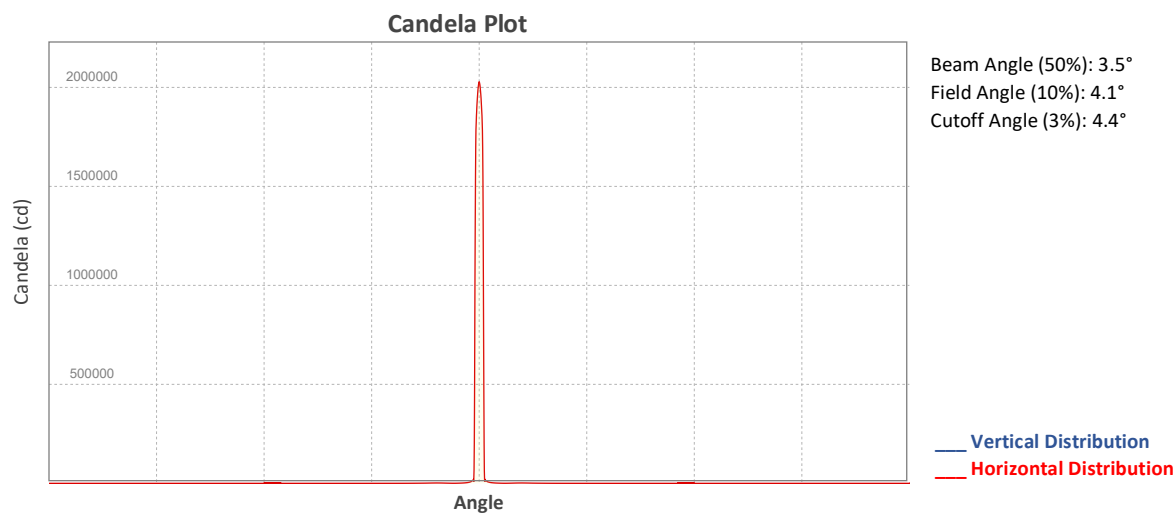


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2026767	506692	225196	126673	81071	56299	41363	31668	25022	20268
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	16750	14075	11993	10341	9008	7917	7013	6255	5614	5067
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	188293	47073	20921	11768	7532	5230	3843	2942	2325	1883
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1556	1308	1114	961	837	736	652	581	522	471

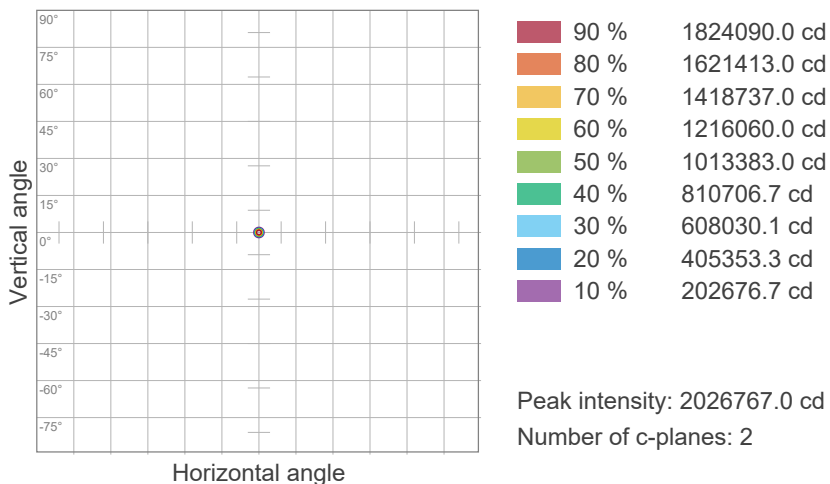
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV35

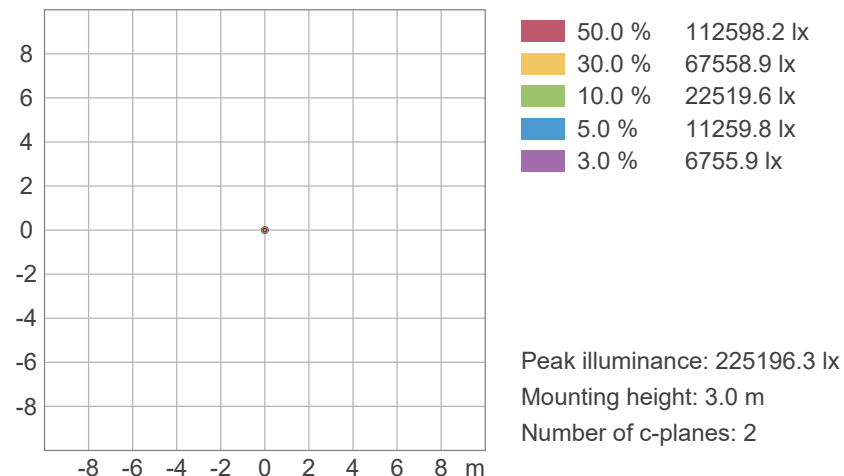


ISO Diagrams

ISO Candela Diagram



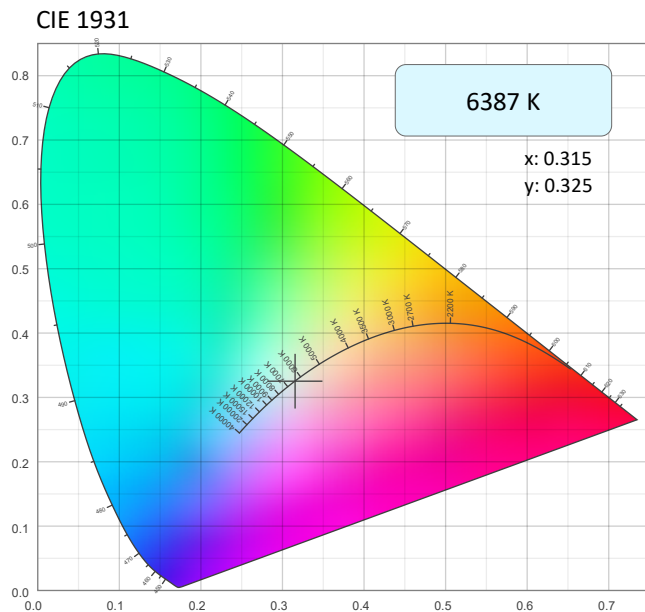
ISO Lux Diagram



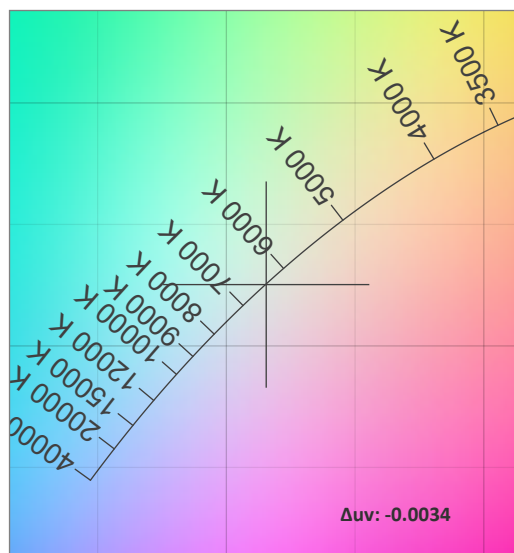
Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV35

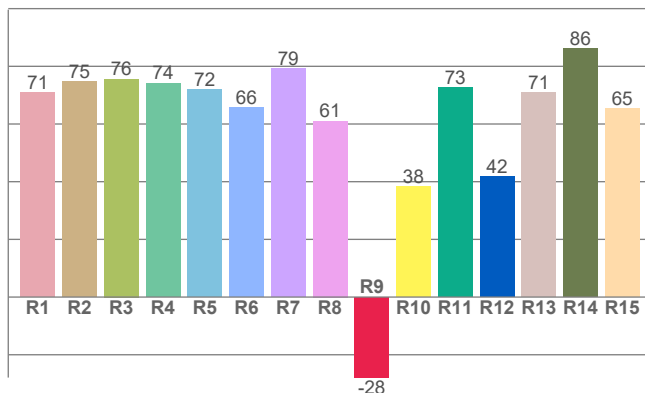
Chromaticity



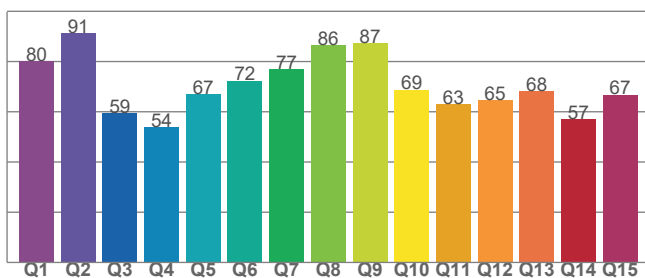
CIE 1931 - Zoom



CRI: 71.7 (R1-R8)



CQS: 68.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6387 K	0.315	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0034	0.325	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.7	-27.9	68.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.2	94.9

Photometric & Chromaticity Report

Maverick Storm 3 Profile: Full Spot - Full Power-TV35

TM-30 Details

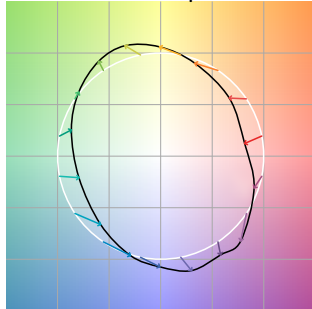
Rf 71.2

Fidelity Index
(Rg)

Rg 94.9

Gammut Index (Rg)

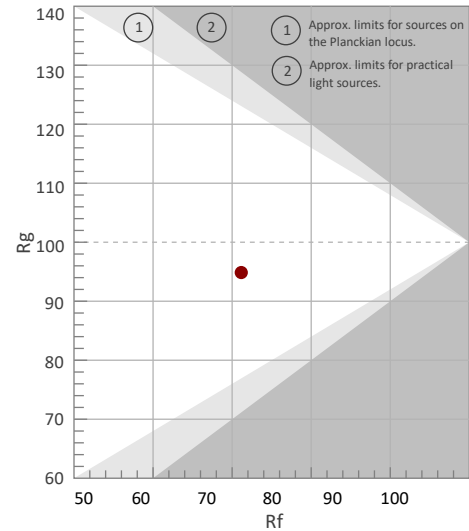
Color Vector Graphic



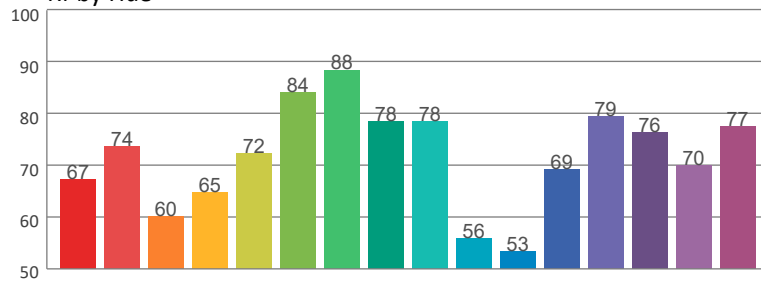
Color Distortion Graphic



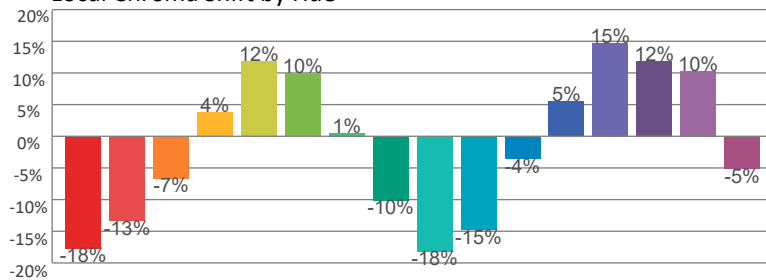
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	60	-7%	22%
4	65	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	88	1%	-7%
8	78	-10%	-8%
9	78	-18%	5%
10	56	-15%	23%
11	53	-4%	29%
12	69	5%	20%
13	79	15%	8%
14	76	12%	-5%
15	70	10%	-25%
16	77	-5%	-13%



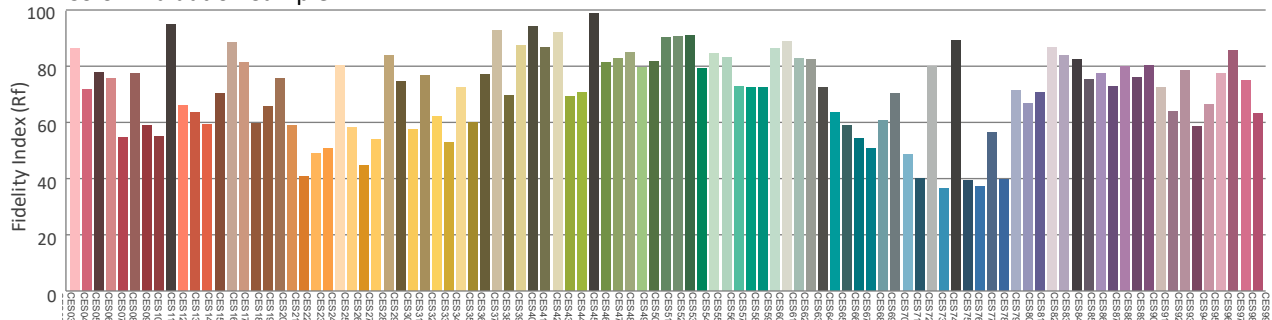
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power

Report Summary

Measurements

Fixture Output: 34500 lm
Fixture Peak: 453494 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 18140 lux
Color Temperature: 6635 K
CRI: 73.0 CRI R9 Value: -21.9
CQS: 69.2
TLCI: 49
TM-30 Rf: 72.1
TM-30 Rg: 94.3
Beam Angle (50%): 17.9°
Field Angle (10%): 19.2°
Cutoff Angle (3%): 20.1°

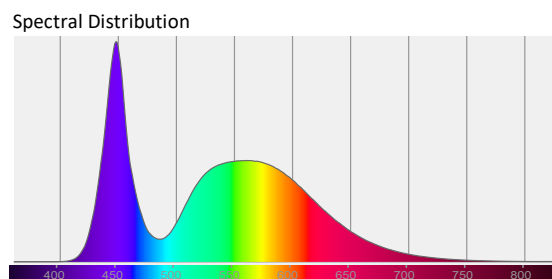
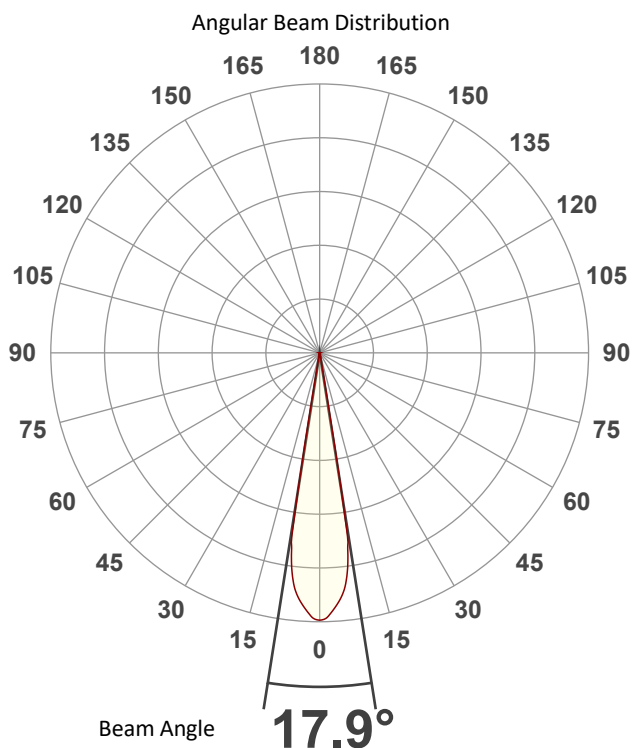


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

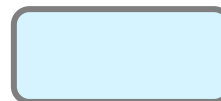
Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.320



Light Quality

CRI: 73.0

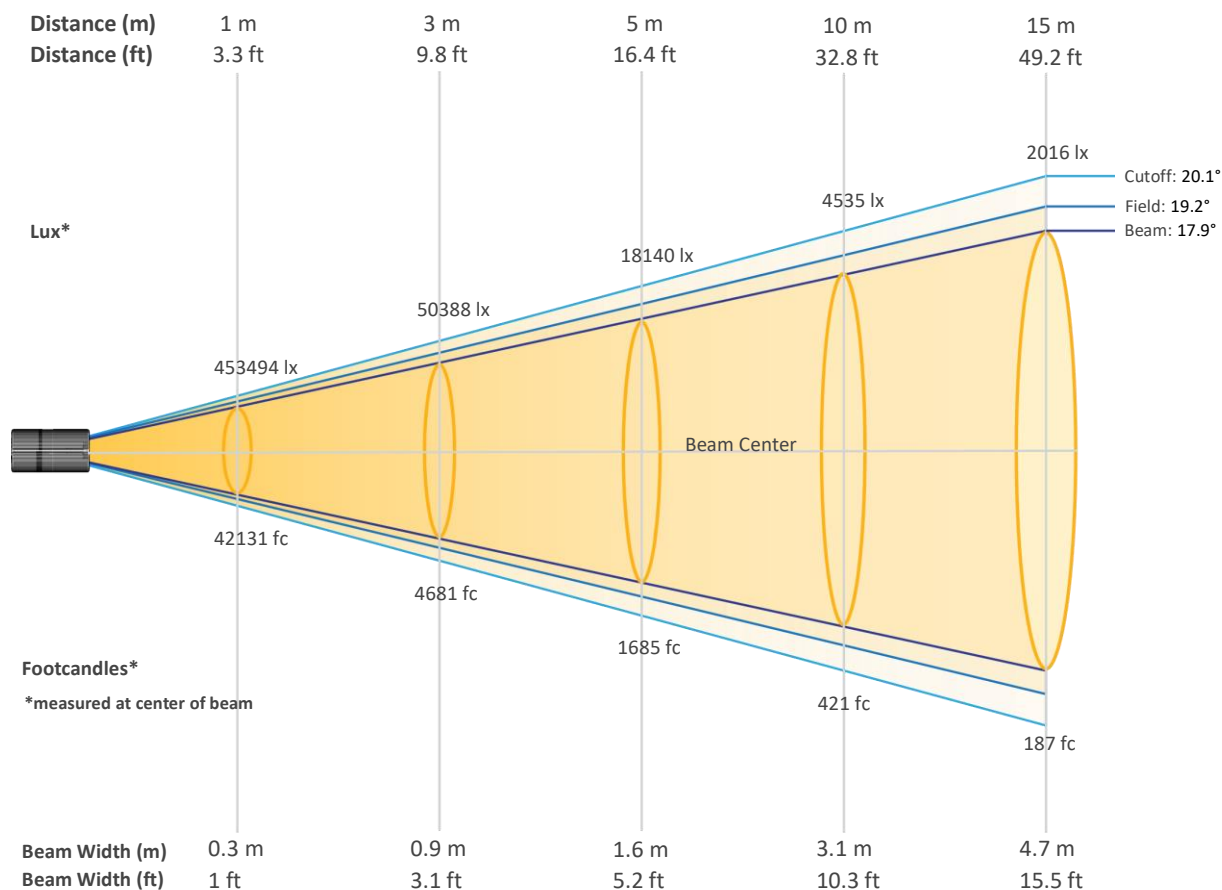
Color Temperature

6635 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power

Beam Details

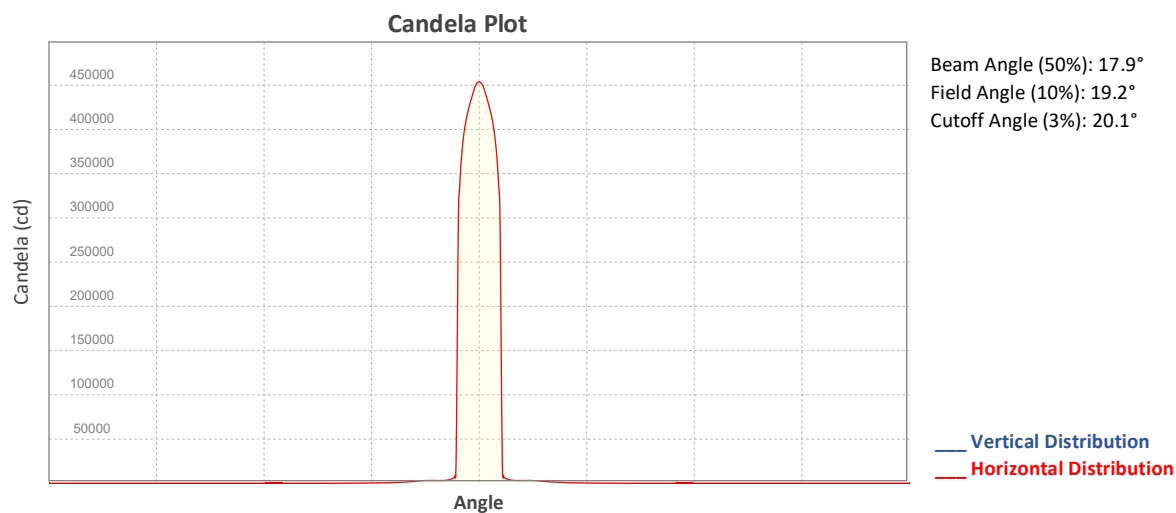


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	453494	113373	50388	28343	18140	12597	9255	7086	5599	4535
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3748	3149	2683	2314	2016	1771	1569	1400	1256	1134
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	42131	10533	4681	2633	1685	1170	860	658	520	421
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	348	293	249	215	187	165	146	130	117	105

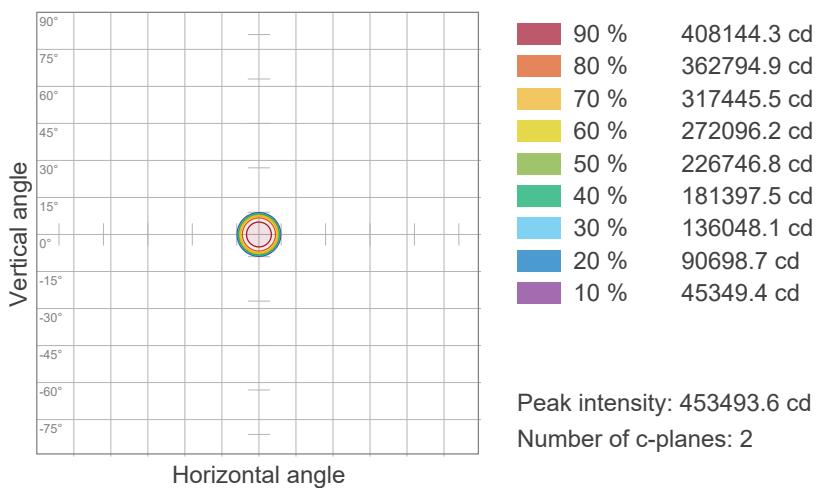
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power

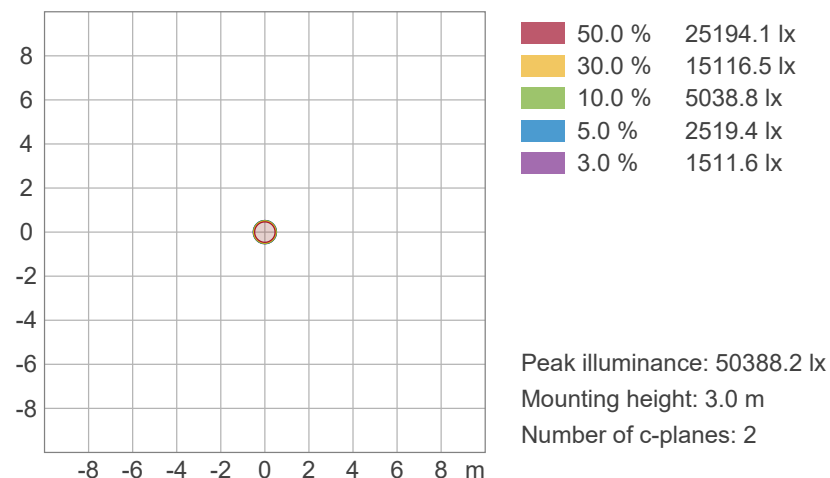


ISO Diagrams

ISO Candela Diagram



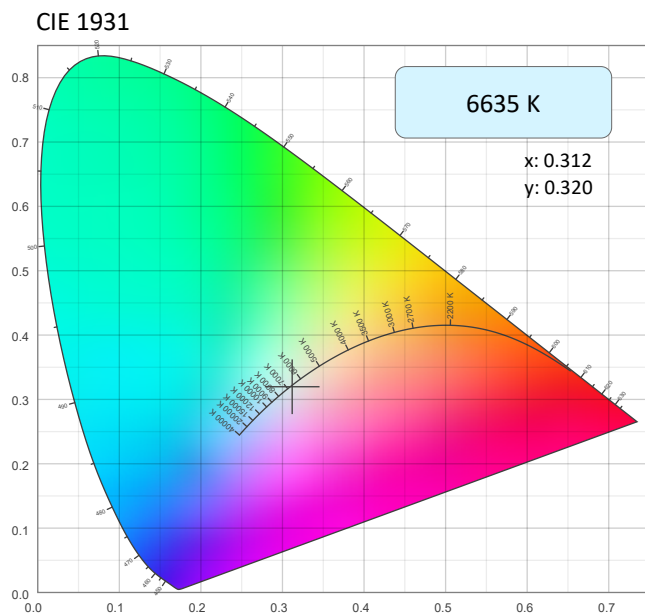
ISO Lux Diagram



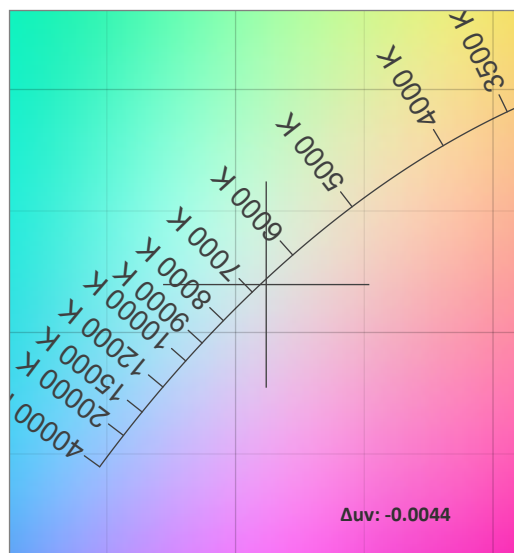
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power

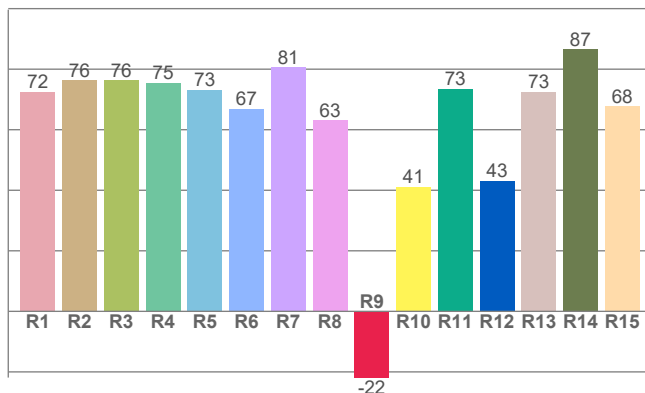
Chromaticity



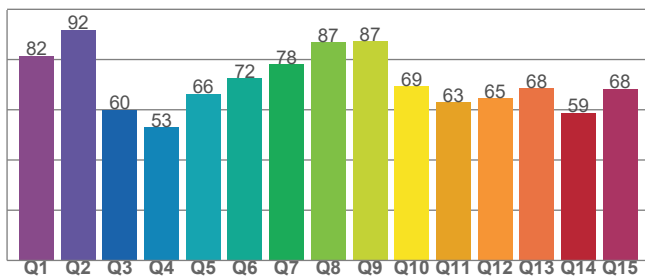
CIE 1931 - Zoom



CRI: 73.0 (R1-R8)



CQS: 69.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6635 K	0.312	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0044	0.320	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.0	-21.9	69.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.1	94.3

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power

TM-30 Details

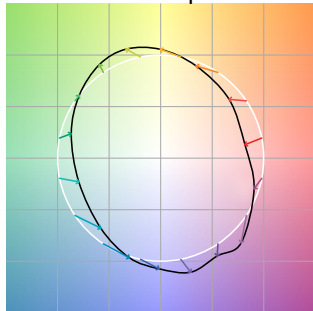
Rf 72.1

Fidelity Index
(Rg)

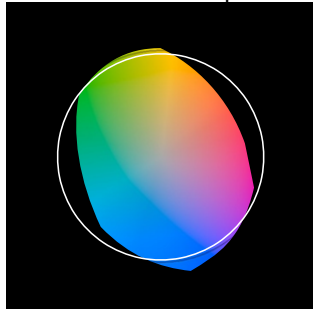
Rg 94.3

Gamut Index (Rg)

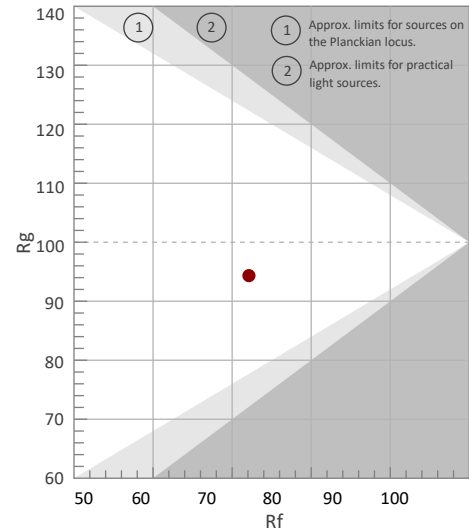
Color Vector Graphic



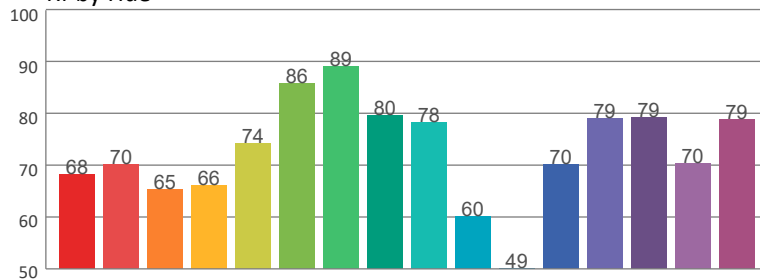
Color Distortion Graphic



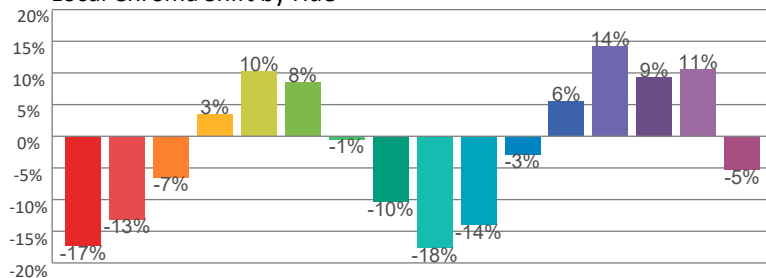
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	80	-10%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	29%
12	70	6%	19%
13	79	14%	7%
14	79	9%	-7%
15	70	11%	-25%
16	79	-5%	-12%



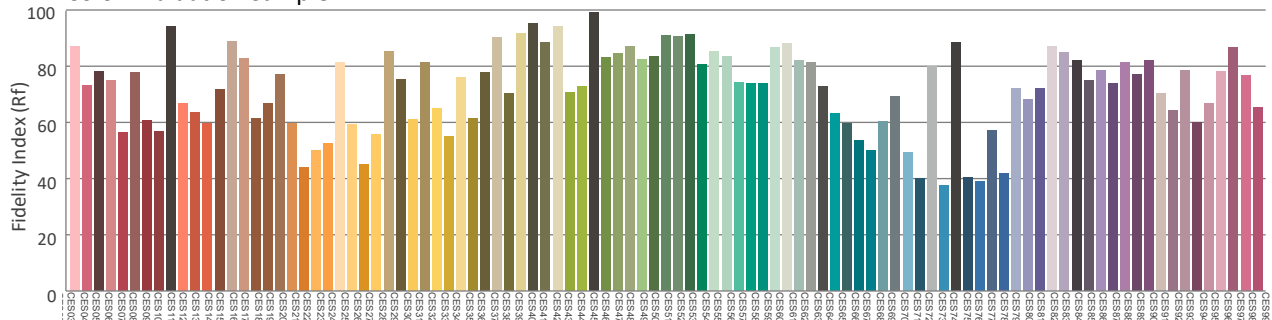
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-Auto

Report Summary

Measurements

Fixture Output: 33106 lm
Fixture Peak: 433984 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 17359 lux
Color Temperature: 6621 K
CRI: 73.1 CRI R9 Value: -21.5
CQS: 69.3
TLCI: 49
TM-30 Rf: 72.1
TM-30 Rg: 94.4
Beam Angle (50%): 17.9°
Field Angle (10%): 19.2°
Cutoff Angle (3%): 19.5°

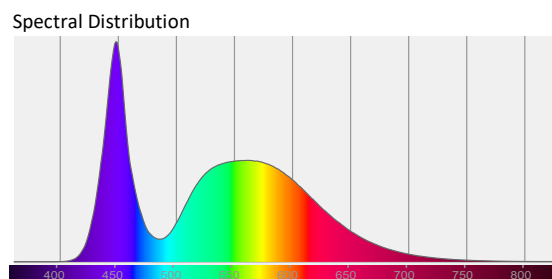
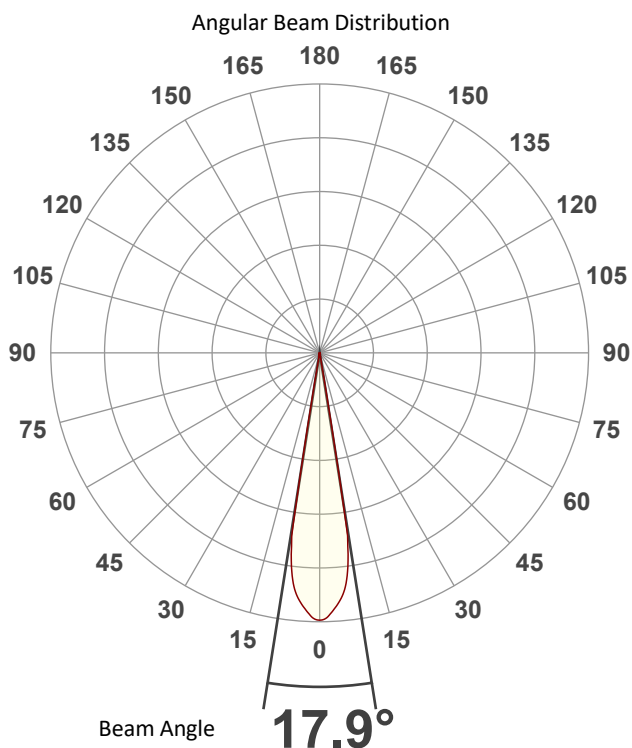


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

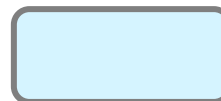
Overall Measurement



Tested Color (CIE 1931):

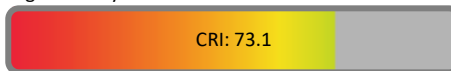
X: 0.312

Y: 0.320



Light Quality

CRI: 73.1



Color Temperature

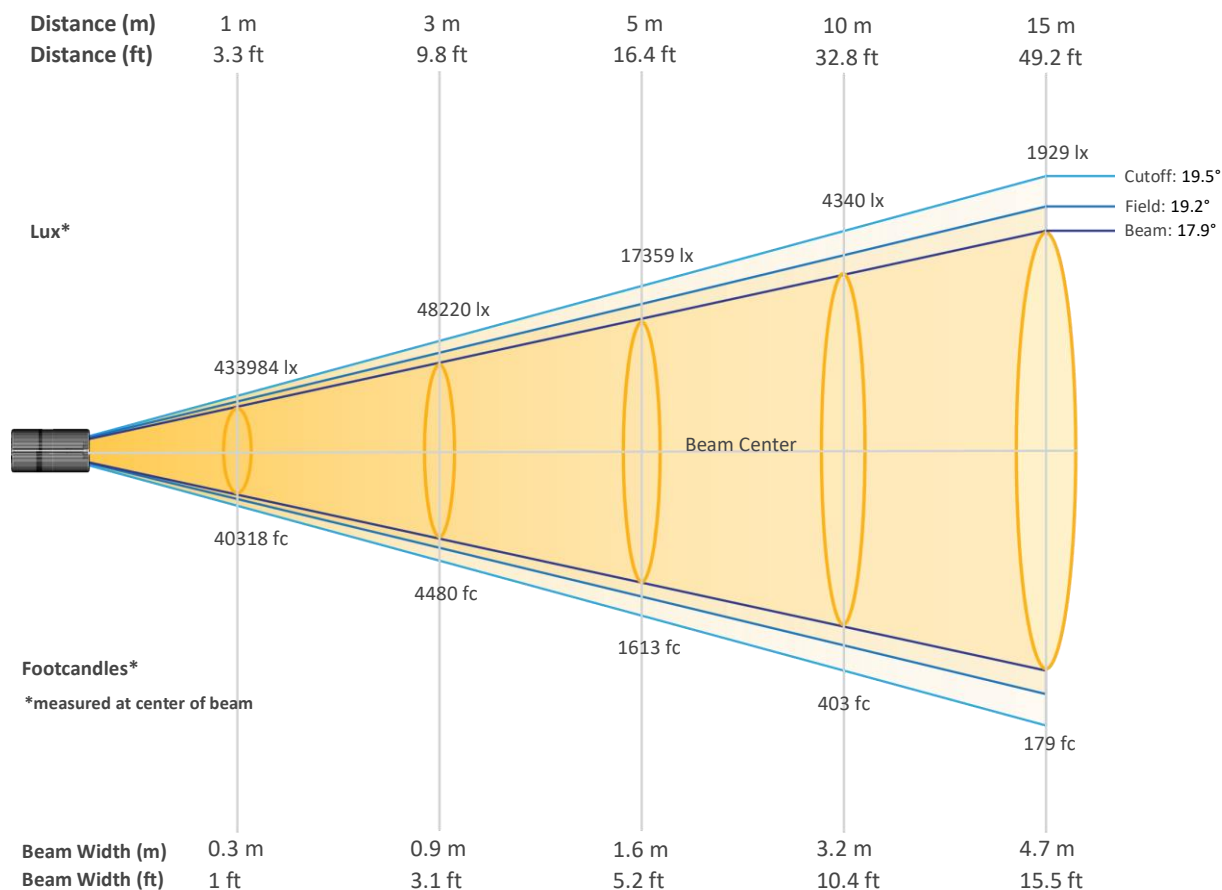
6621 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-Auto

Beam Details

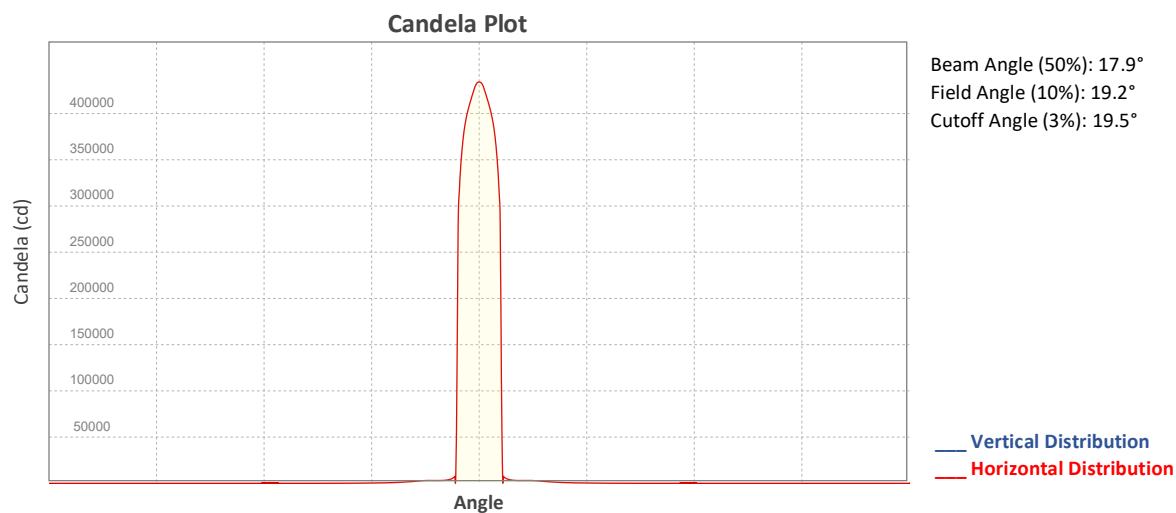


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	433984	108496	48220	27124	17359	12055	8857	6781	5358	4340
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3587	3014	2568	2214	1929	1695	1502	1339	1202	1085
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	40318	10080	4480	2520	1613	1120	823	630	498	403
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	333	280	239	206	179	157	140	124	112	101

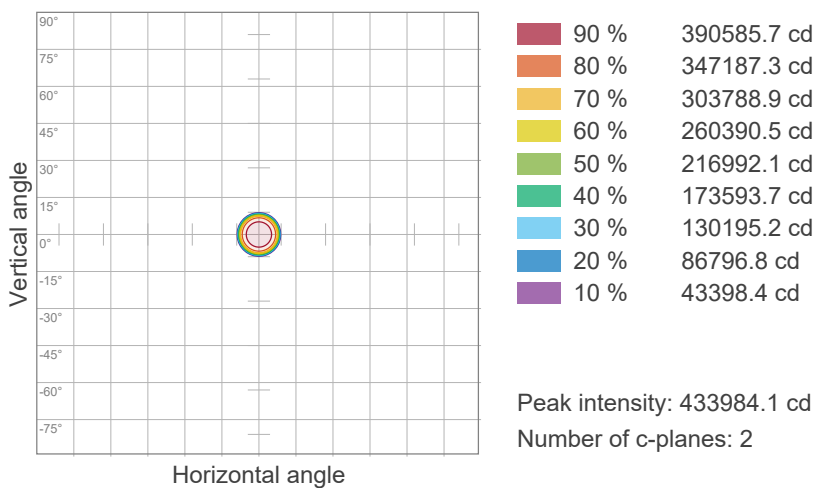
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-Auto

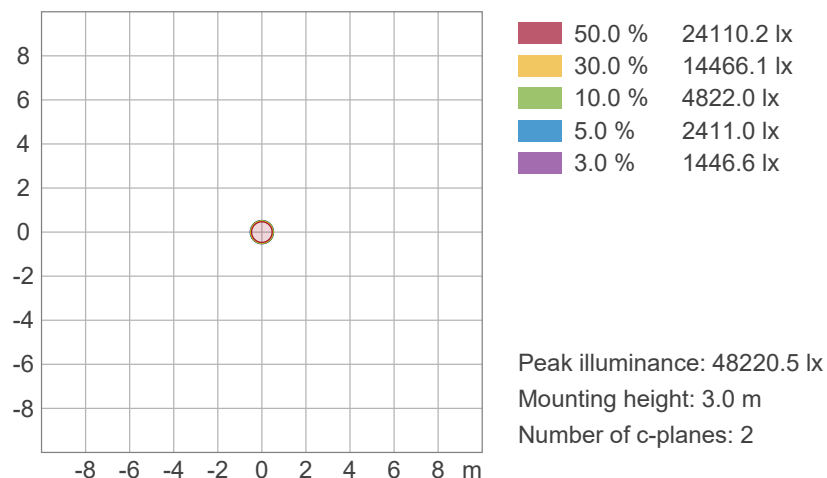


ISO Diagrams

ISO Candela Diagram



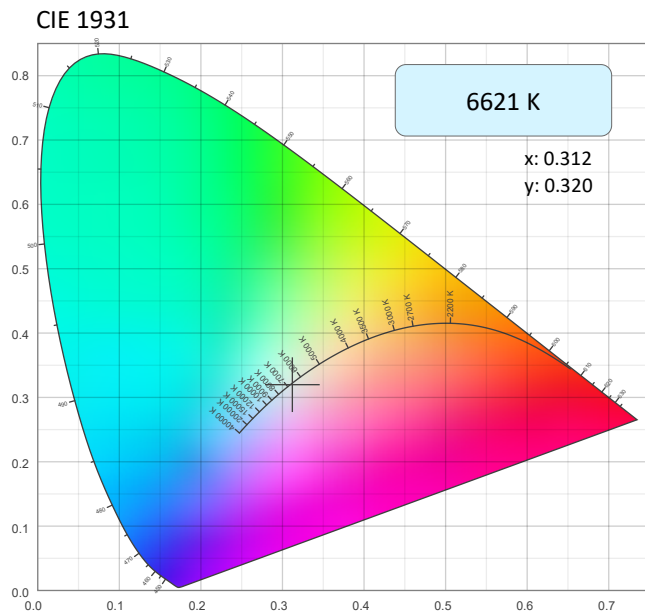
ISO Lux Diagram



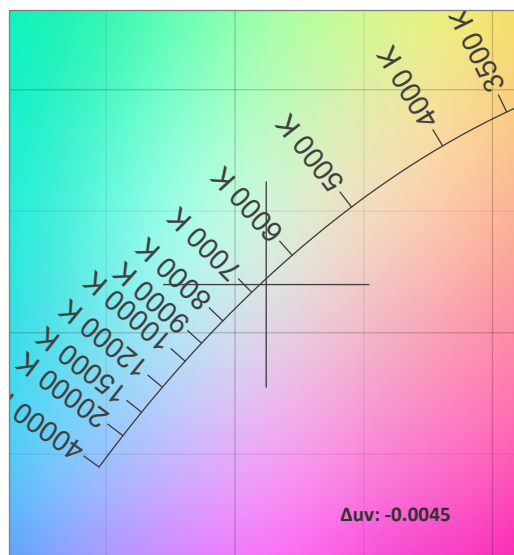
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-Auto

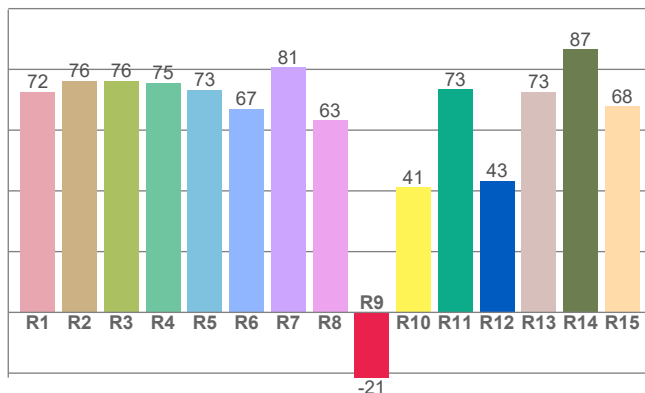
Chromaticity



CIE 1931 - Zoom



CRI: 73.1 (R1-R8)

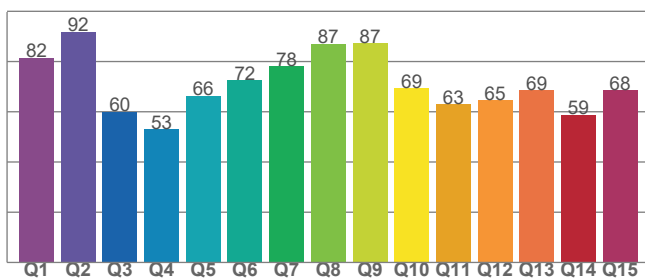


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6621 K	0.312	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0045	0.320	0.201

CQS: 69.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.1	-21.5	69.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.1	94.4

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-Auto

TM-30 Details

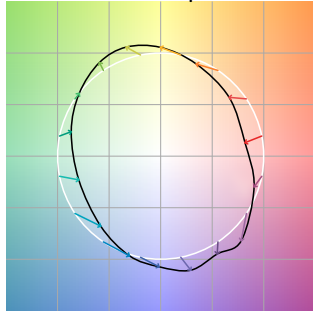
Rf 72.1

Fidelity Index
(Rg)

Rg 94.4

Gammut Index (Rg)

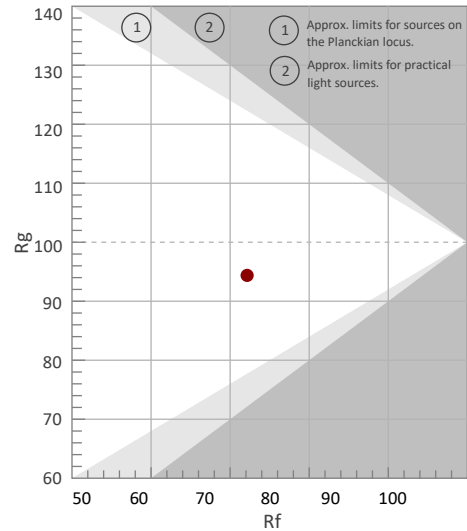
Color Vector Graphic



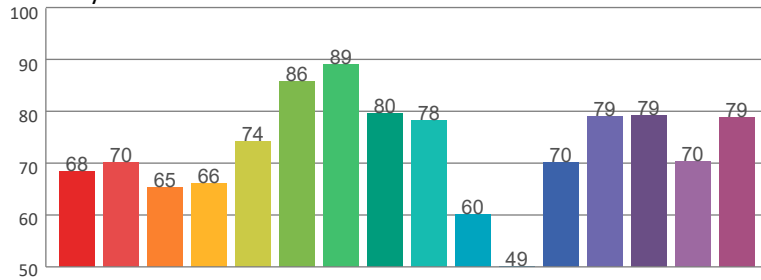
Color Distortion Graphic



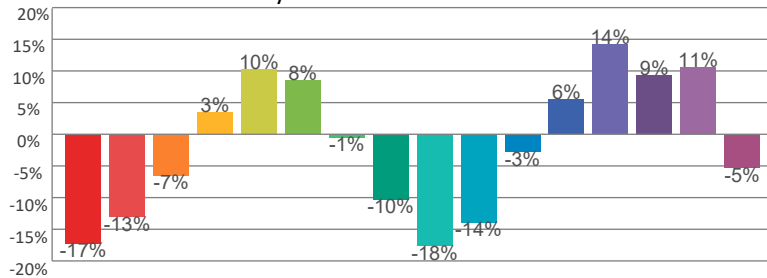
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	74	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	80	-10%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	29%
12	70	6%	19%
13	79	14%	7%
14	79	9%	-7%
15	70	11%	-25%
16	79	-5%	-12%



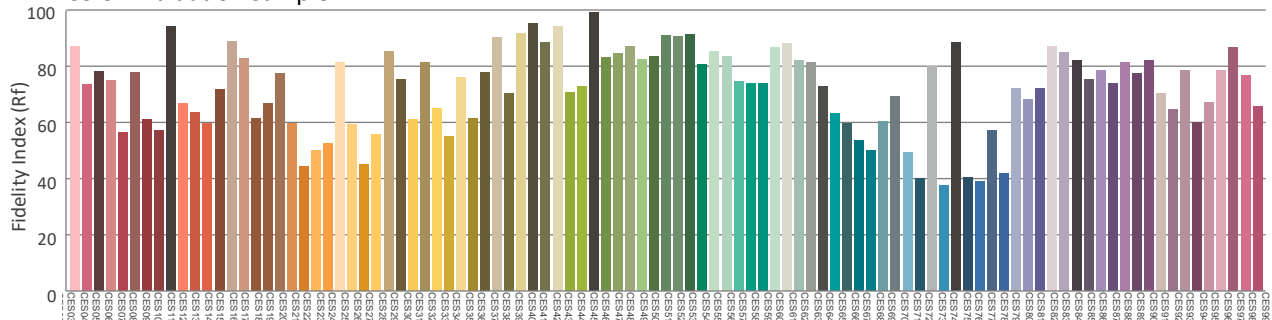
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-ECO

Report Summary

Measurements

Fixture Output: 34315 lm
Fixture Peak: 448965 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 17959 lux
Color Temperature: 6644 K
CRI: 73.1 CRI R9 Value: -21.5
CQS: 69.3
TLCI: 49
TM-30 Rf: 72.2
TM-30 Rg: 94.3
Beam Angle (50%): 18.1°
Field Angle (10%): 19°
Cutoff Angle (3%): 19.9°

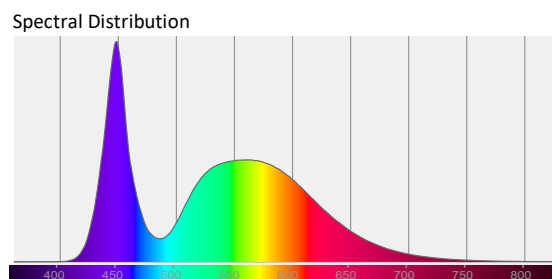
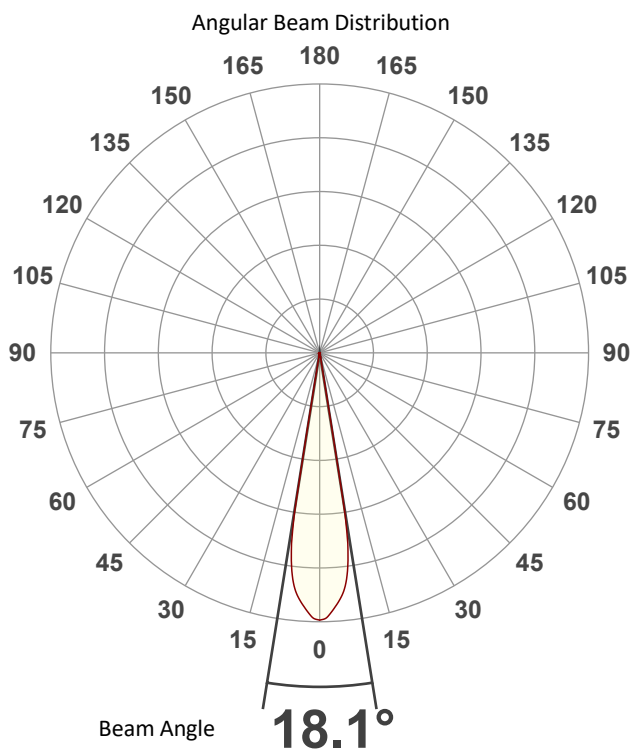


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

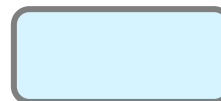
Overall Measurement



Tested Color (CIE 1931):

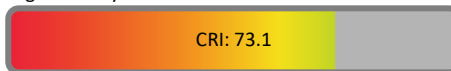
X: 0.312

Y: 0.320



Light Quality

CRI: 73.1



Color Temperature

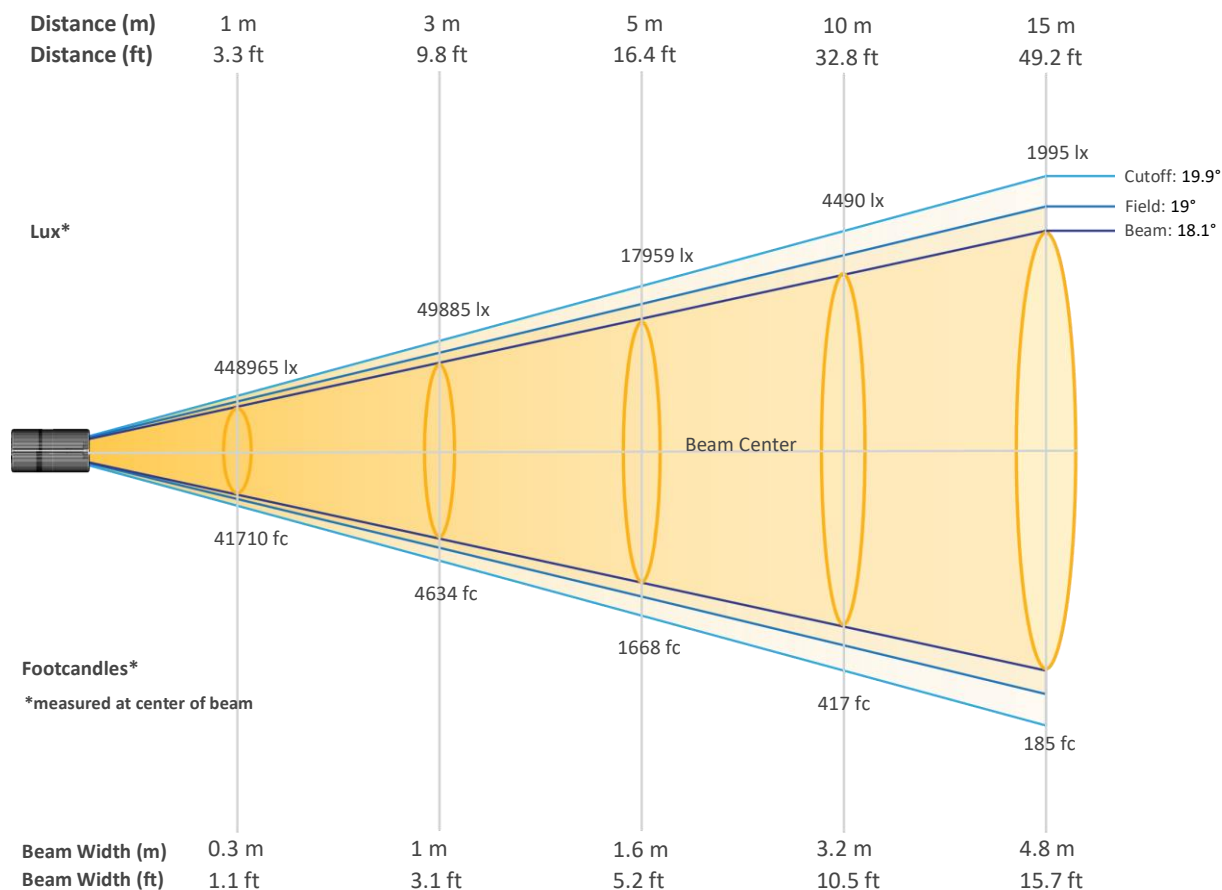
6644 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-ECO

Beam Details

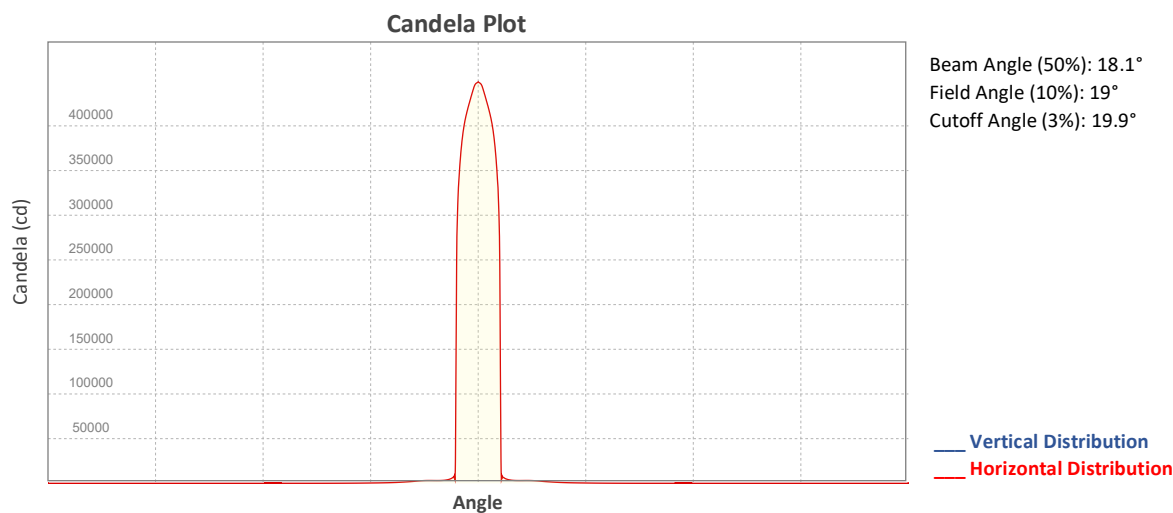


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	448965	112241	49885	28060	17959	12471	9163	7015	5543	4490
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3710	3118	2657	2291	1995	1754	1554	1386	1244	1122
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	41710	10428	4634	2607	1668	1159	851	652	515	417
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	345	290	247	213	185	163	144	129	116	104

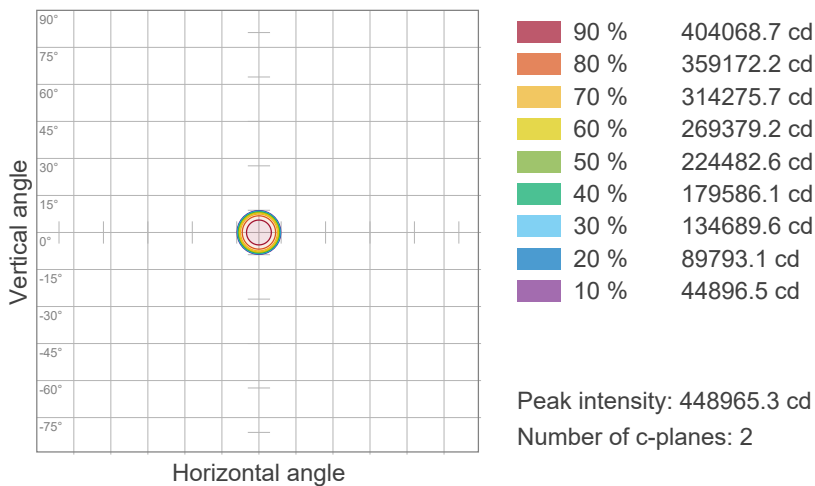
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-ECO

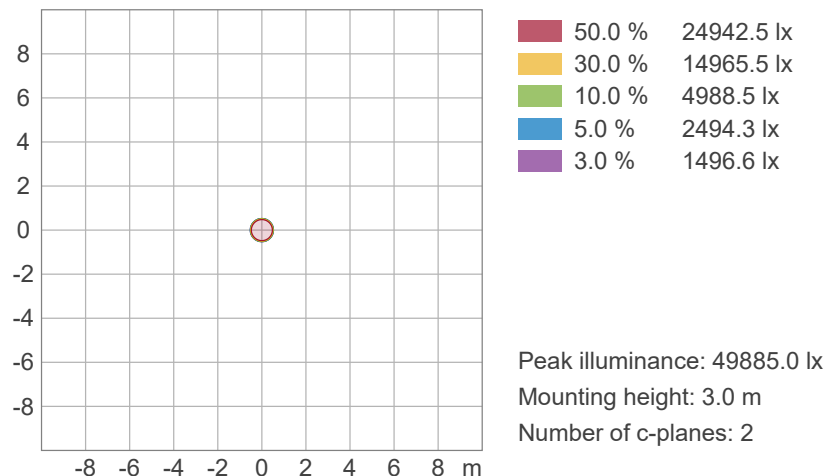


ISO Diagrams

ISO Candela Diagram



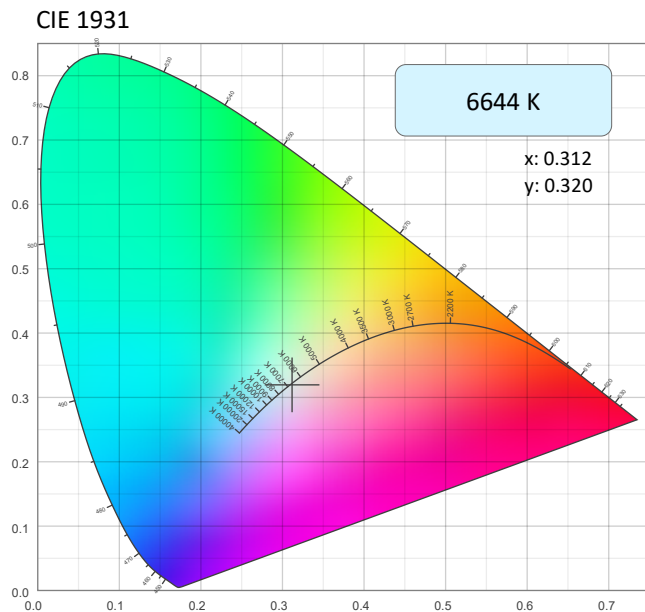
ISO Lux Diagram



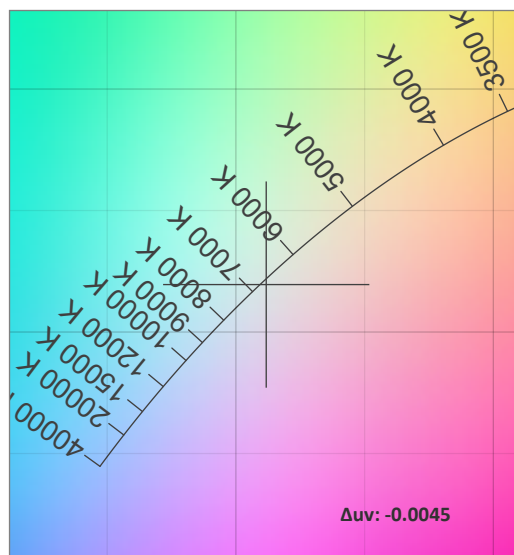
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-ECO

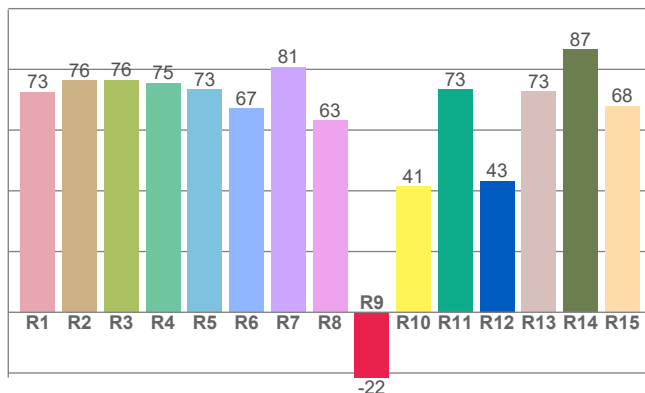
Chromaticity



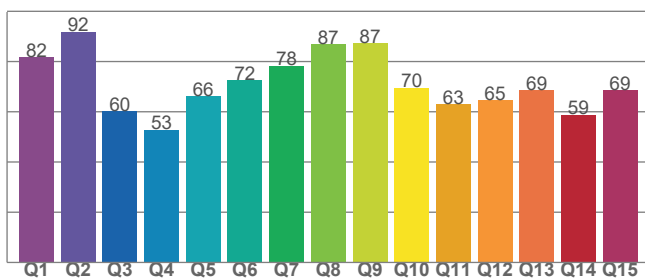
CIE 1931 - Zoom



CRI: 73.1 (R1-R8)



CQS: 69.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6644 K	0.312	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0045	0.320	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.1	-21.5	69.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.2	94.3

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-ECO

TM-30 Details

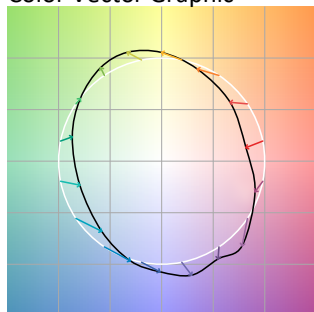
Rf 72.2

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

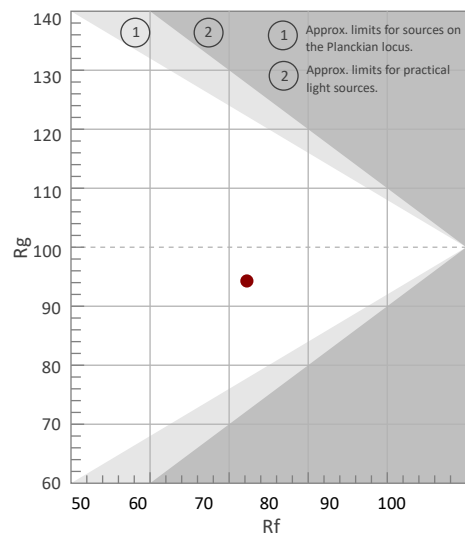
Color Vector Graphic



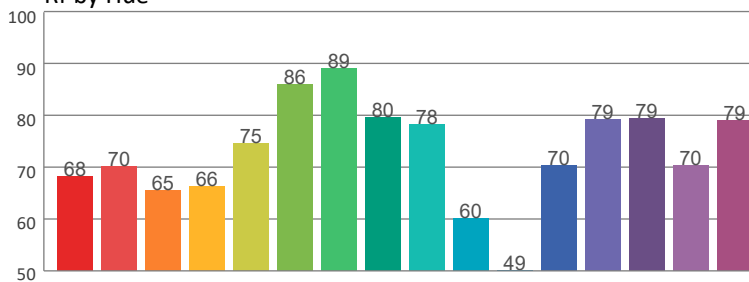
Color Distortion Graphic



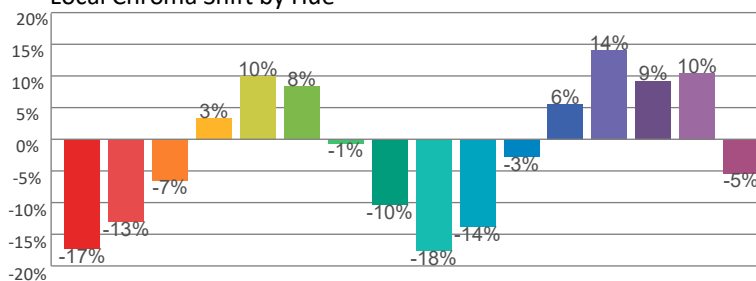
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-3%
2	70	-13%	11%
3	65	-7%	21%
4	66	3%	21%
5	75	10%	12%
6	86	8%	-1%
7	89	-1%	-7%
8	80	-10%	-6%
9	78	-18%	7%
10	60	-14%	24%
11	49	-3%	28%
12	70	6%	19%
13	79	14%	7%
14	79	9%	-7%
15	70	10%	-25%
16	79	-5%	-11%



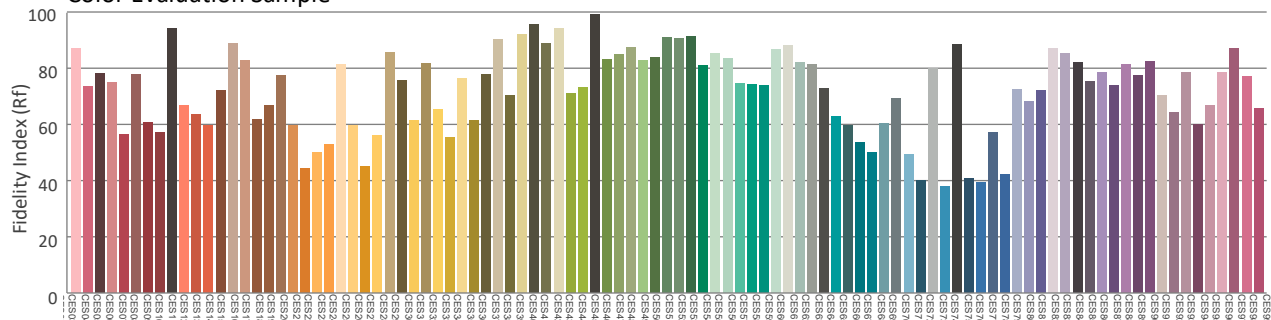
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV25

Report Summary

Measurements

Fixture Output: 21216 lm
Fixture Peak: 276080 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 11043 lux
Color Temperature: 6530 K
CRI: 72.0 CRI R9 Value: -25.7
CQS: 68.8
TLCI: 48
TM-30 Rf: 71.2
TM-30 Rg: 94.5
Beam Angle (50%): 17.9°
Field Angle (10%): 19.2°
Cutoff Angle (3%): 20°

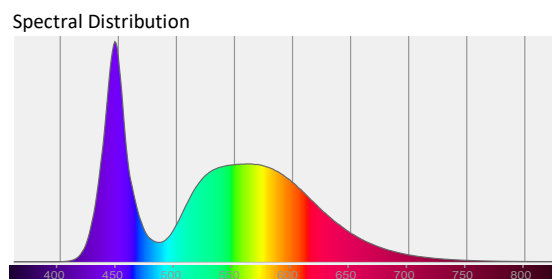
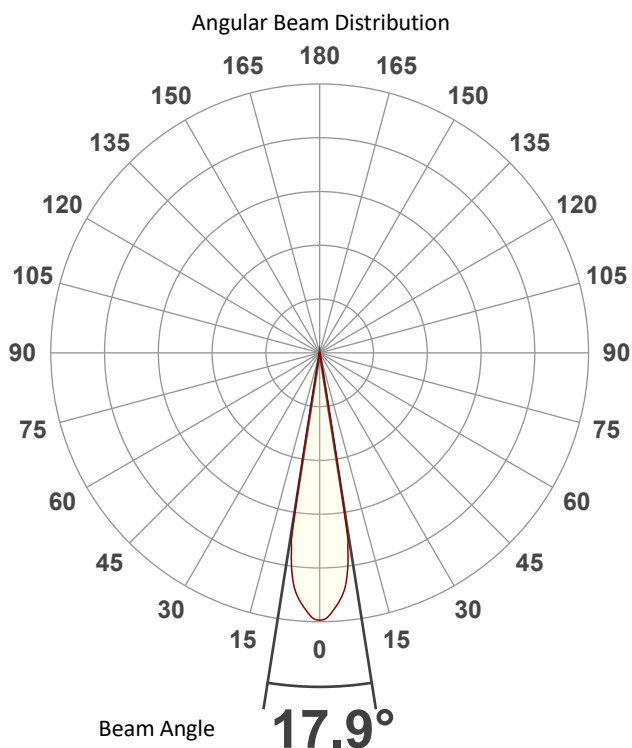
Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

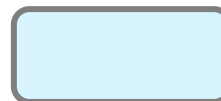
Overall Measurement



Tested Color (CIE 1931):

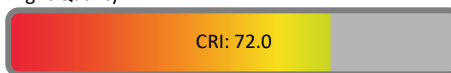
X: 0.313

Y: 0.322



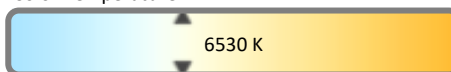
Light Quality

CRI: 72.0



Color Temperature

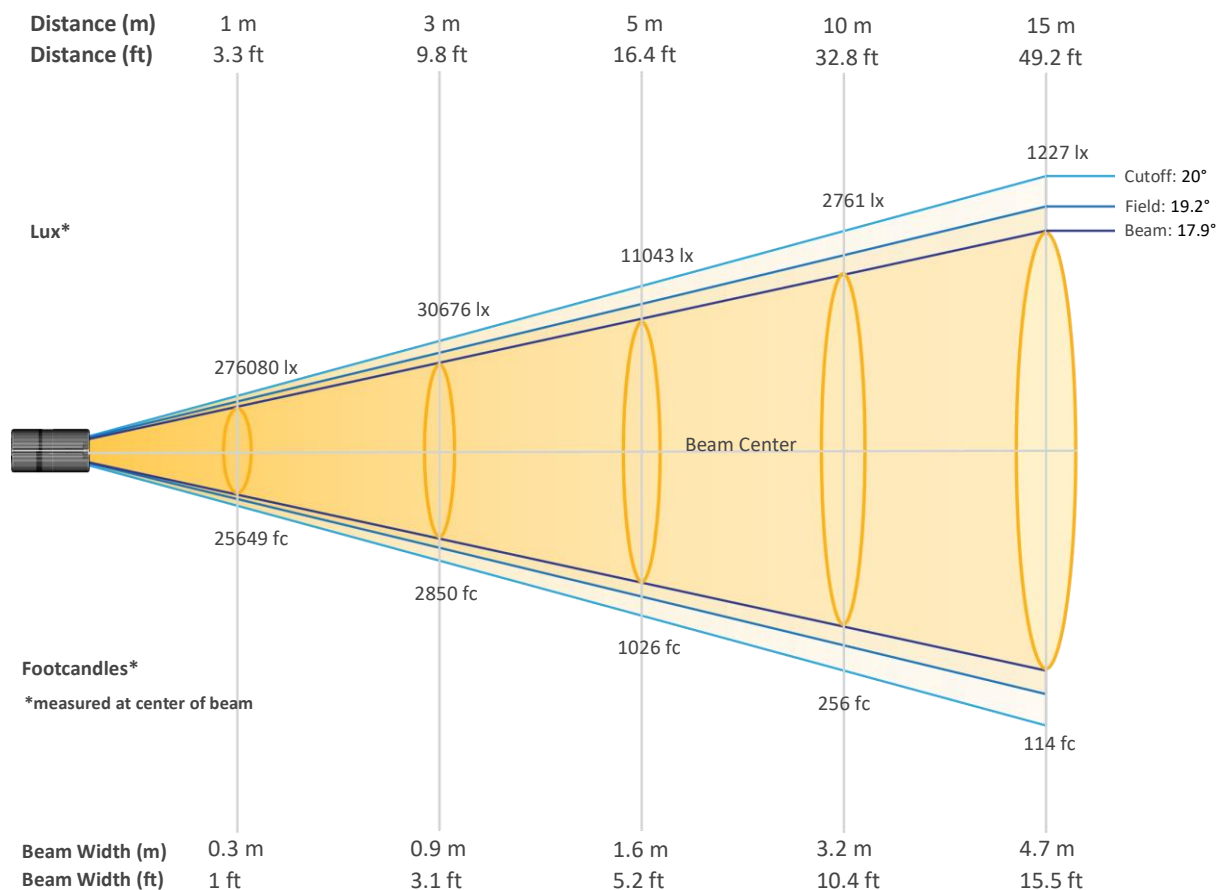
6530 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV25

Beam Details

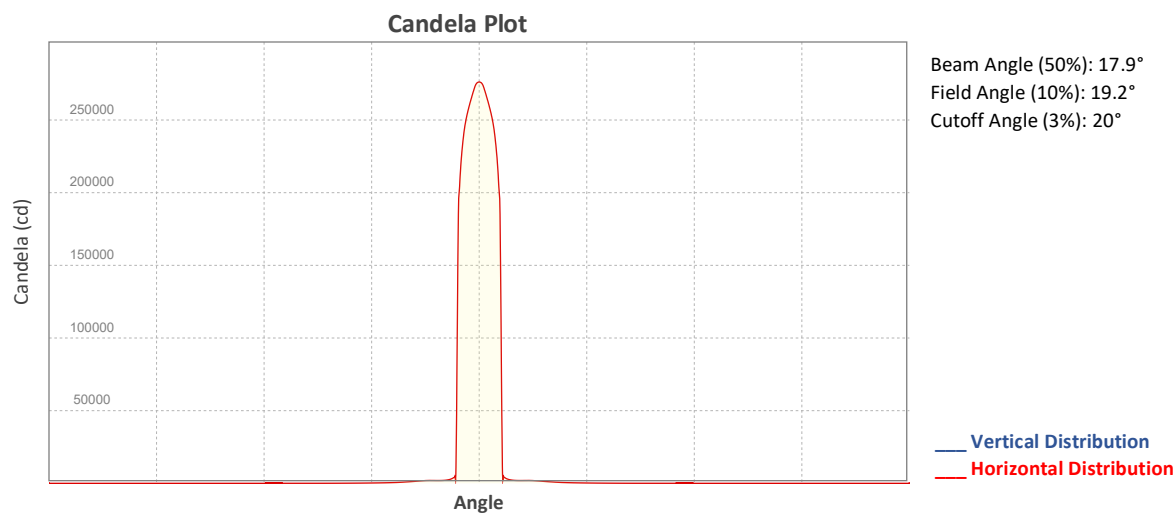


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	276080	69020	30676	17255	11043	7669	5634	4314	3408	2761
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2282	1917	1634	1409	1227	1078	955	852	765	690
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	25649	6412	2850	1603	1026	712	523	401	317	256
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	212	178	152	131	114	100	89	79	71	64

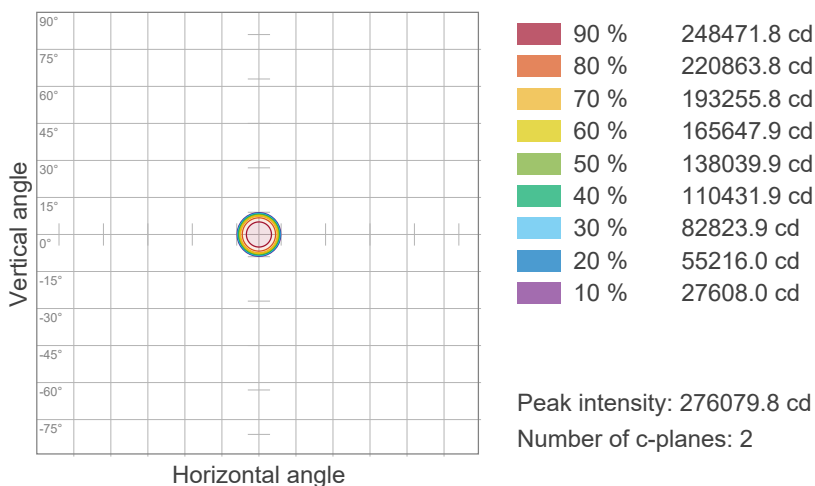
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV25

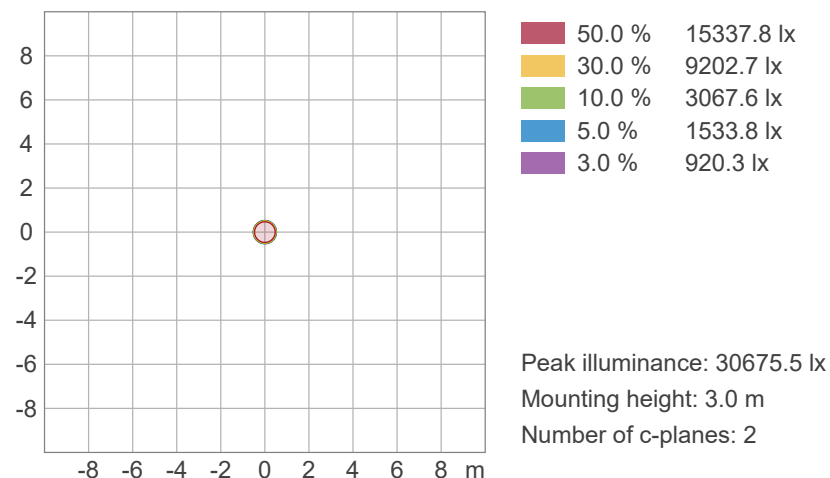


ISO Diagrams

ISO Candela Diagram



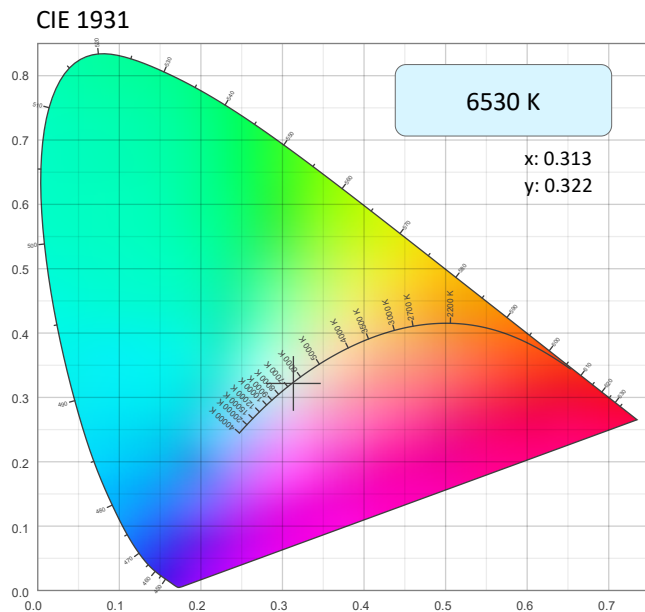
ISO Lux Diagram



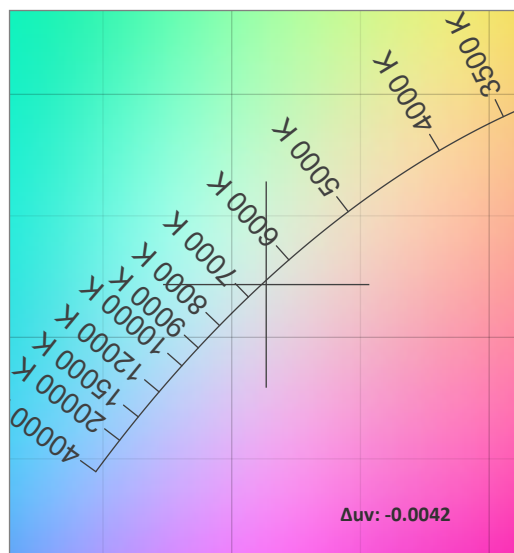
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV25

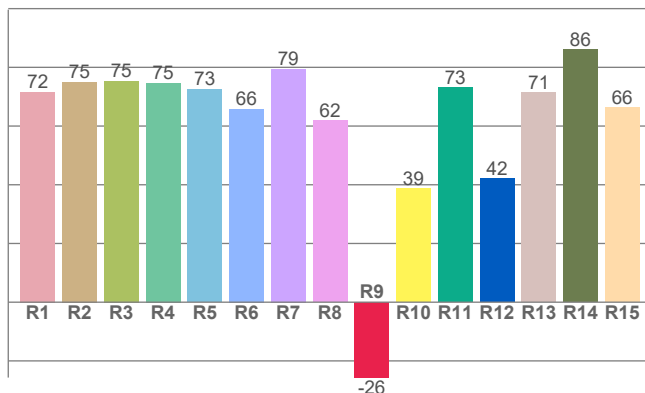
Chromaticity



CIE 1931 - Zoom



CRI: 72.0 (R1-R8)

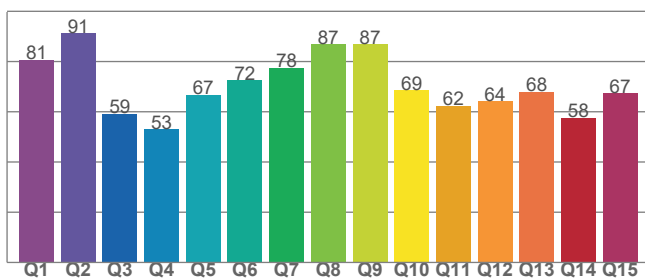


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6530 K	0.313	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.322	0.201

CQS: 68.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	-25.7	68.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.2	94.5

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV25

TM-30 Details

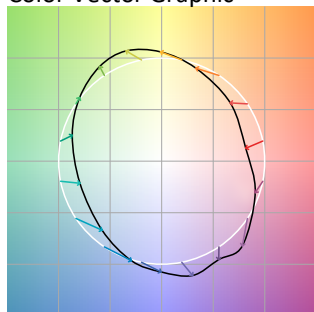
Rf 71.2

Fidelity Index
(Rg)

Rg 94.5

Gammut Index (Rg)

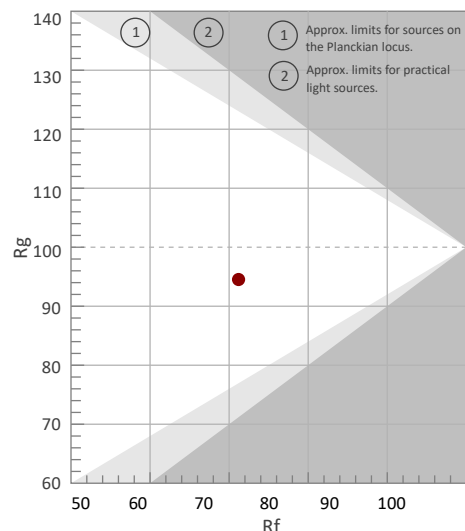
Color Vector Graphic



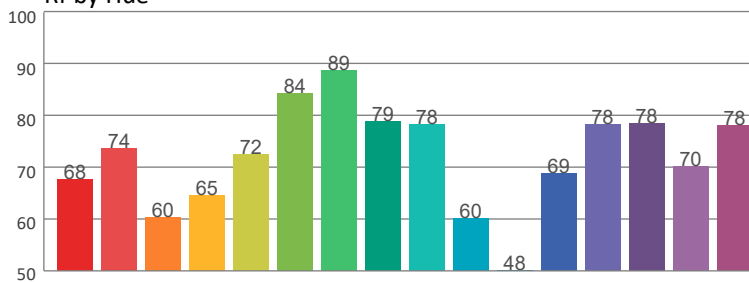
Color Distortion Graphic



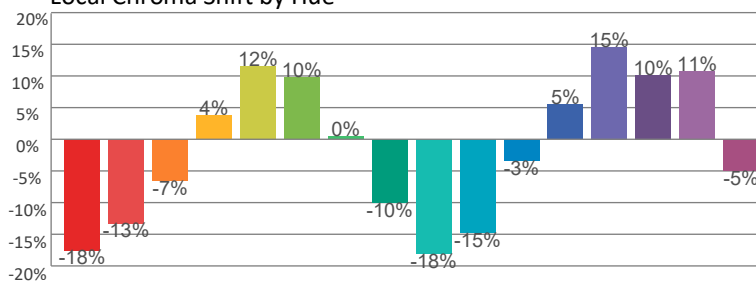
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-18%	-4%
2	74	-13%	10%
3	60	-7%	22%
4	65	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	78	-18%	6%
10	60	-15%	24%
11	48	-3%	29%
12	69	5%	20%
13	78	15%	8%
14	78	10%	-7%
15	70	11%	-25%
16	78	-5%	-12%



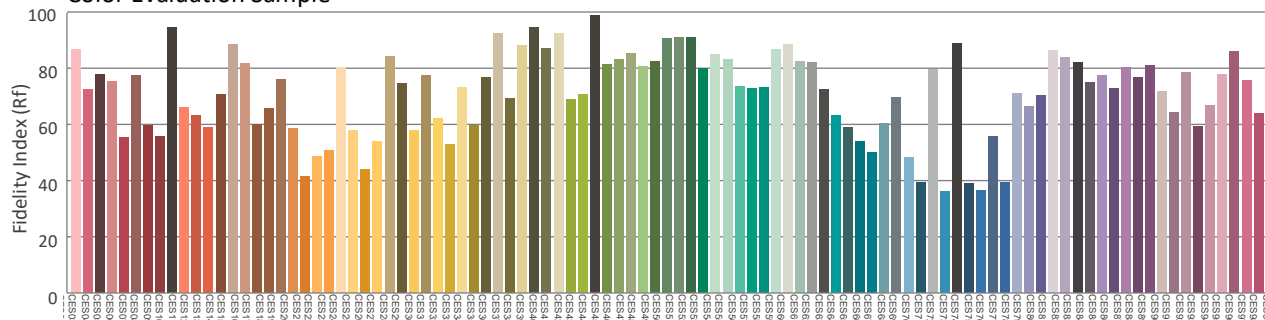
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35

Report Summary

Measurements

Fixture Output: 16885 lm
Fixture Peak: 221072 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8843 lux
Color Temperature: 6507 K
CRI: 71.8 CRI R9 Value: -26.6
CQS: 68.7
TLCI: 48
TM-30 Rf: 71.0
TM-30 Rg: 94.8
Beam Angle (50%): 18°
Field Angle (10%): 19°
Cutoff Angle (3%): 19.9°

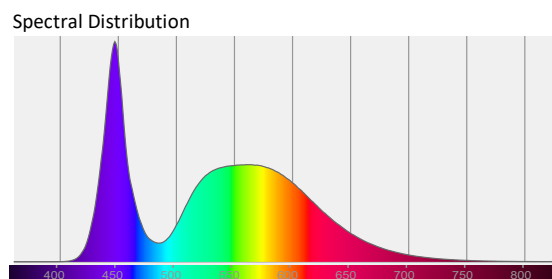
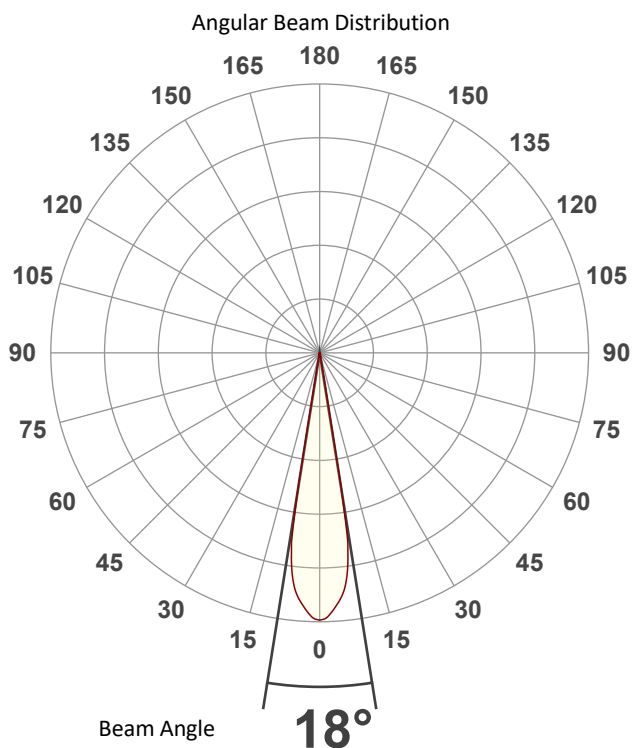


Conditions

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 9/23/2025 to LM-63-2002 Standards.

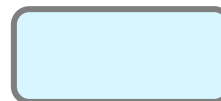
Overall Measurement



Tested Color (CIE 1931):

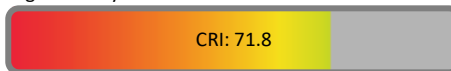
X: 0.314

Y: 0.322



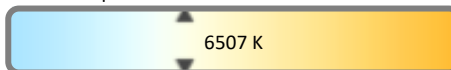
Light Quality

CRI: 71.8



Color Temperature

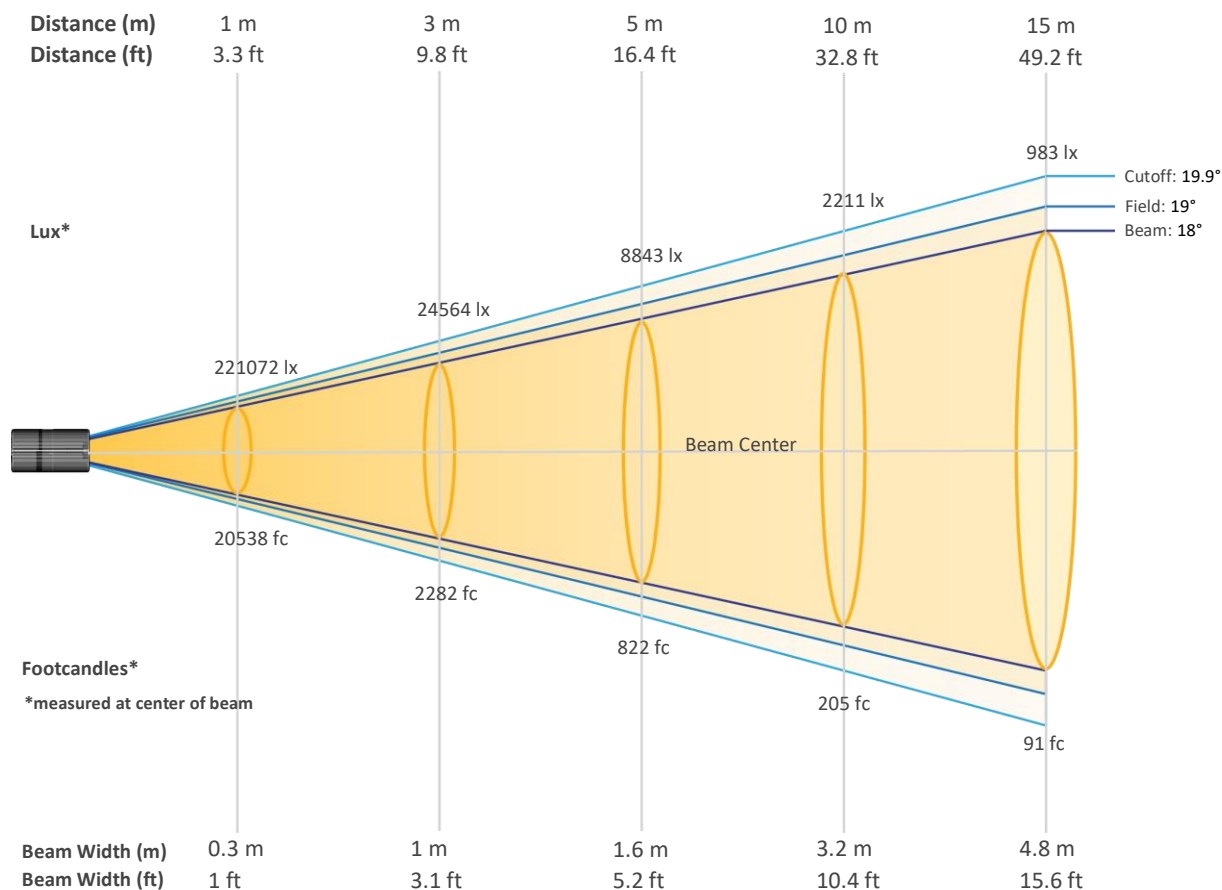
6507 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35

Beam Details

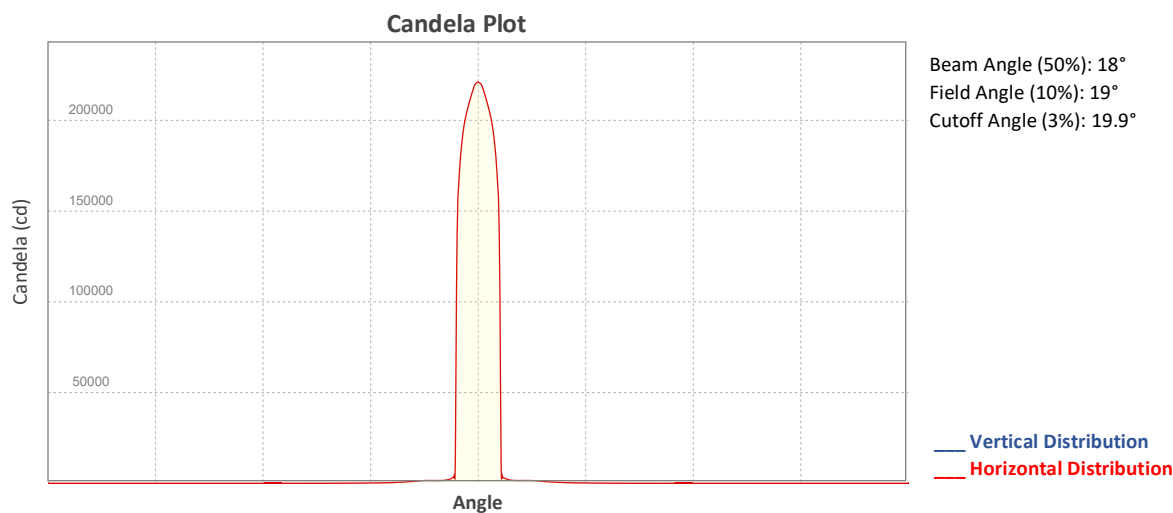


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	221072	55268	24564	13817	8843	6141	4512	3454	2729	2211
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1827	1535	1308	1128	983	864	765	682	612	553
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20538	5135	2282	1284	822	571	419	321	254	205
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	170	143	122	105	91	80	71	63	57	51

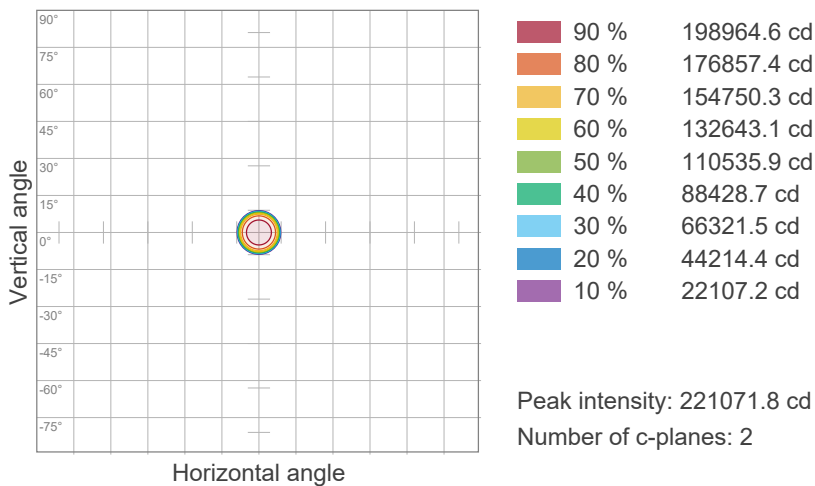
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35

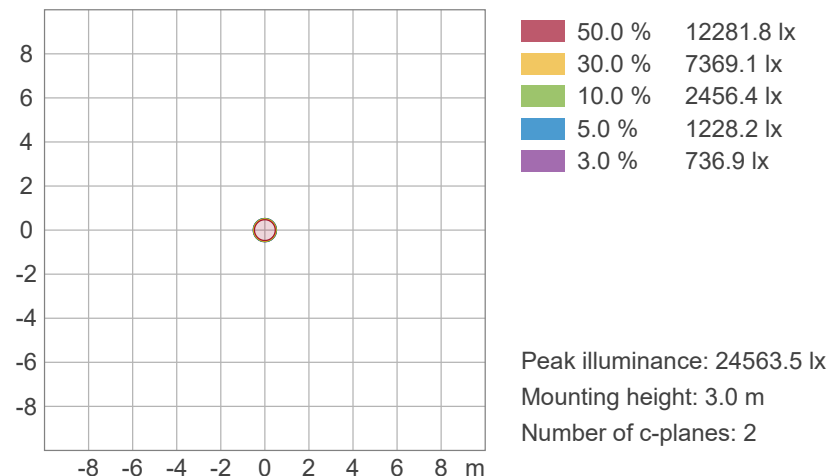


ISO Diagrams

ISO Candela Diagram



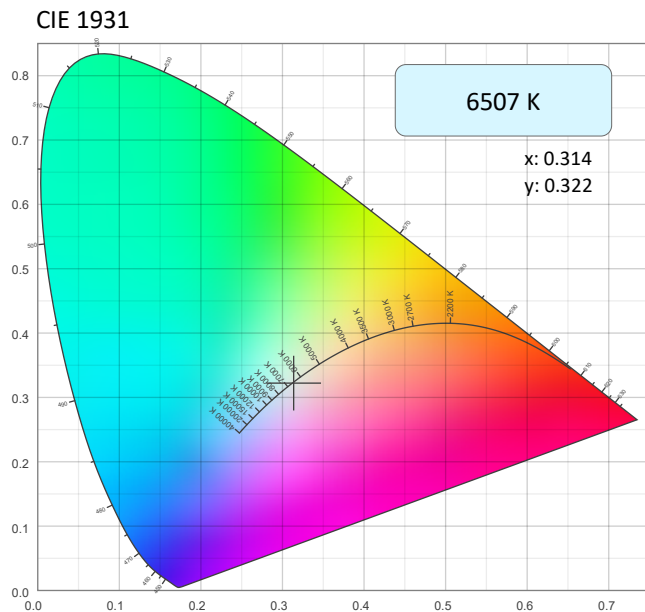
ISO Lux Diagram



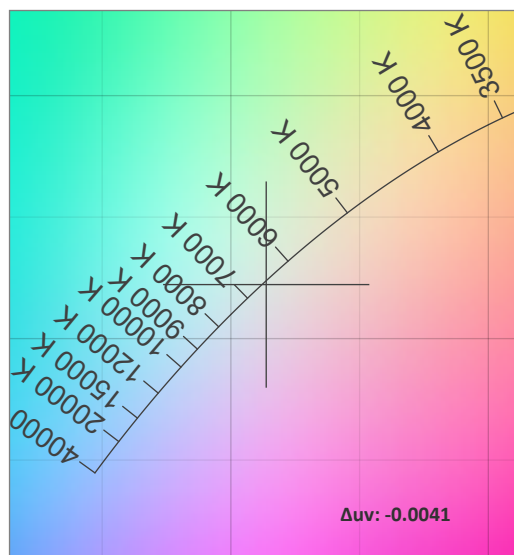
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35

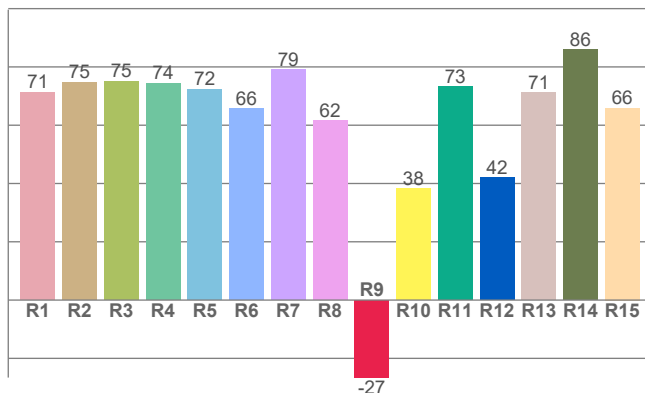
Chromaticity



CIE 1931 - Zoom



CRI: 71.8 (R1-R8)

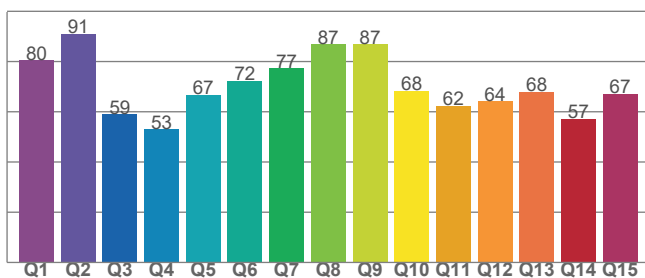


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6507 K	0.314	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.322	0.201

CQS: 68.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	-26.6	68.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.0	94.8

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35

TM-30 Details

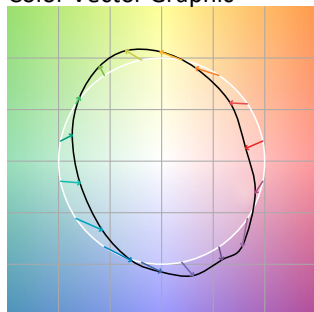
Rf 71.0

Fidelity Index
(Rg)

Rg 94.8

Gammut Index (Rg)

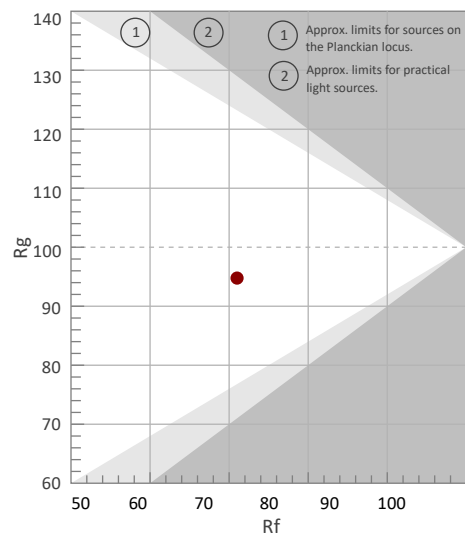
Color Vector Graphic



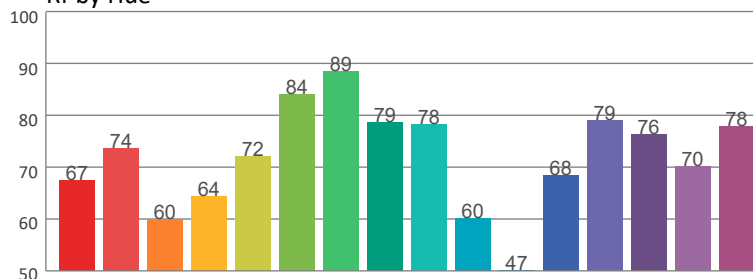
Color Distortion Graphic



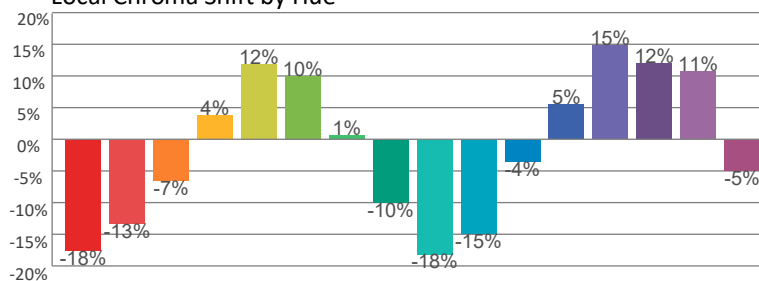
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	60	-7%	23%
4	64	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	89	1%	-7%
8	79	-10%	-8%
9	78	-18%	5%
10	60	-15%	23%
11	47	-4%	29%
12	68	5%	21%
13	79	15%	8%
14	76	12%	-4%
15	70	11%	-25%
16	78	-5%	-12%



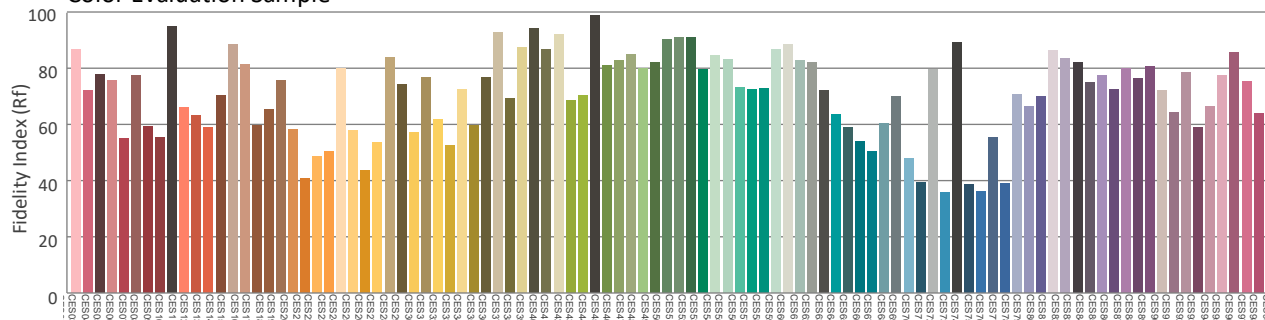
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35-Stable

Report Summary

Measurements

Fixture Output: 16885 lm
Fixture Peak: 221072 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8843 lux
Color Temperature: 6507 K
CRI: 71.8 CRI R9 Value: -26.6
CQS: 68.7
TLCI: 48
TM-30 Rf: 71.0
TM-30 Rg: 94.8
Beam Angle (50%): 18°
Field Angle (10%): 19°
Cutoff Angle (3%): 19.9°

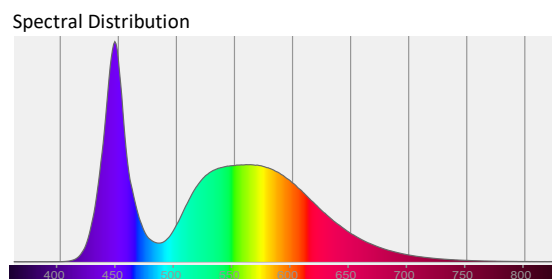
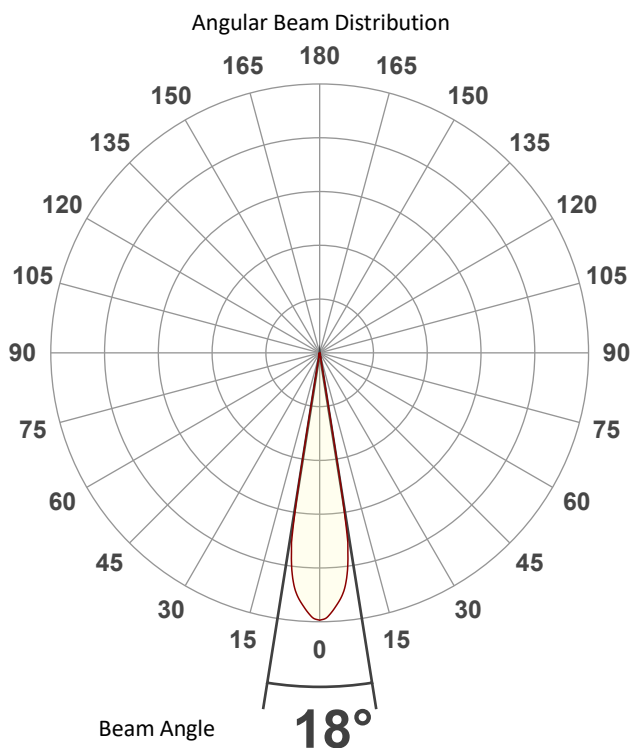
Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

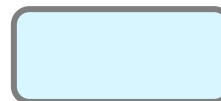
Overall Measurement



Tested Color (CIE 1931):

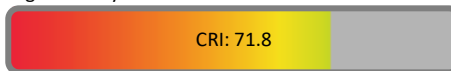
X: 0.314

Y: 0.322



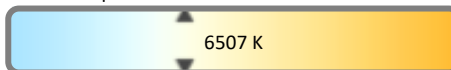
Light Quality

CRI: 71.8



Color Temperature

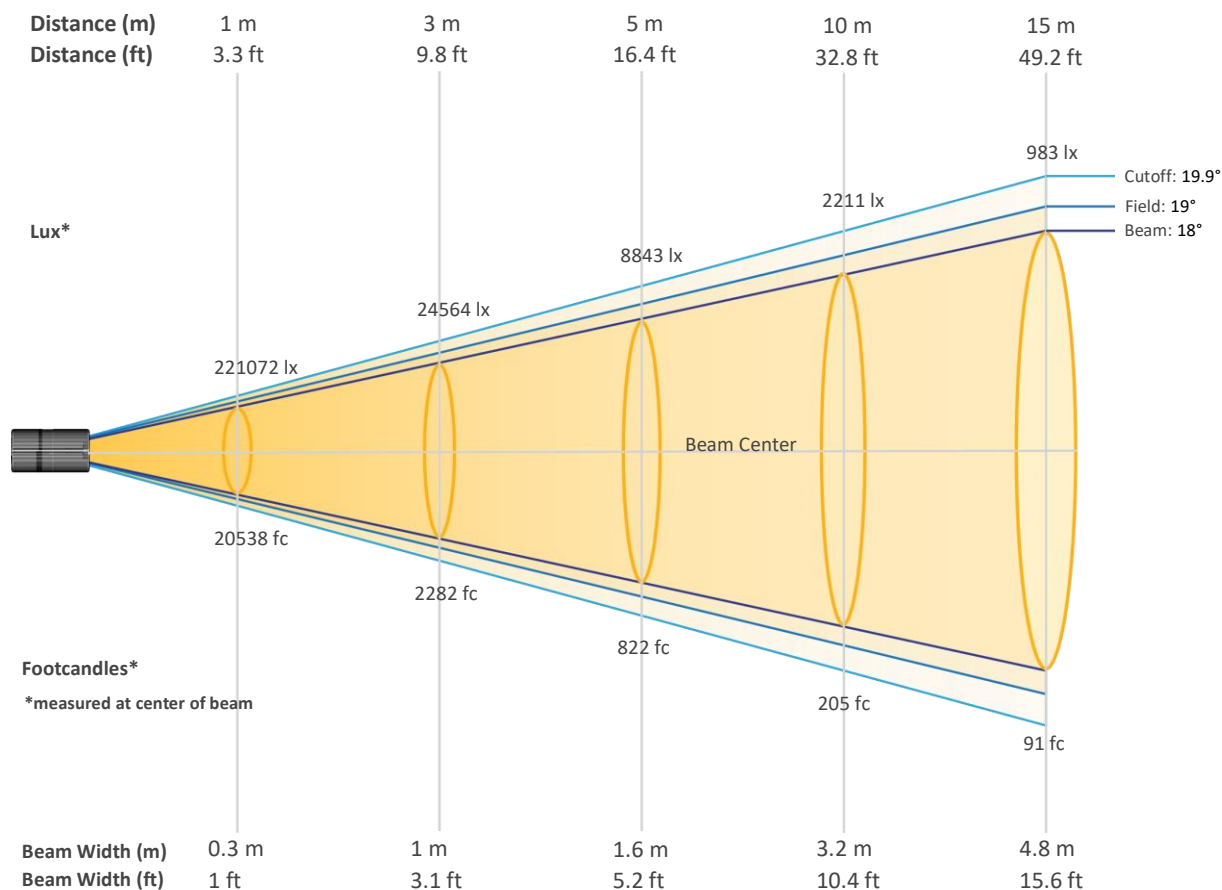
6507 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35-Stable

Beam Details

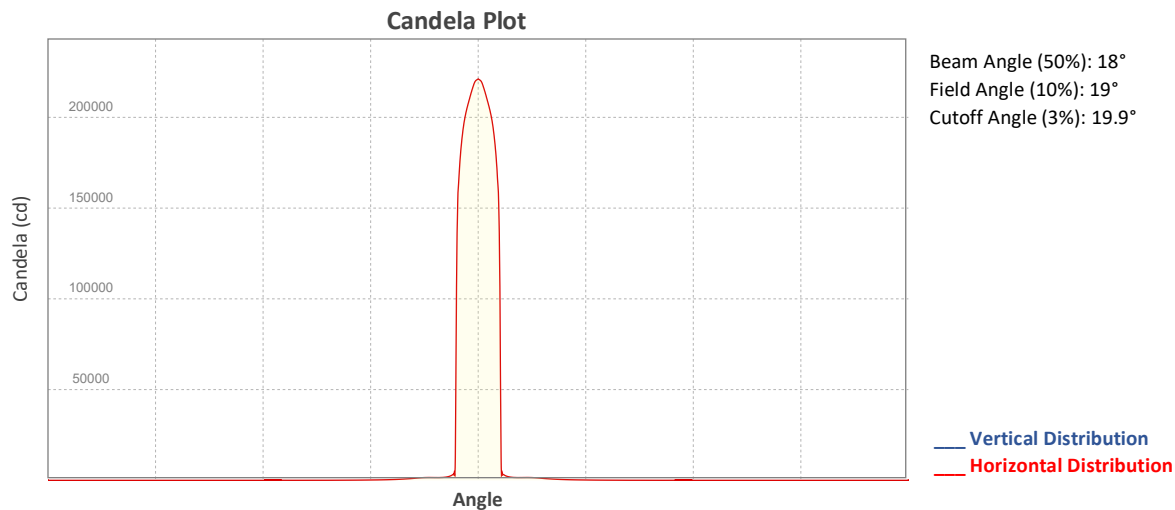


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	221072	55268	24564	13817	8843	6141	4512	3454	2729	2211
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1827	1535	1308	1128	983	864	765	682	612	553
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	20538	5135	2282	1284	822	571	419	321	254	205
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	170	143	122	105	91	80	71	63	57	51

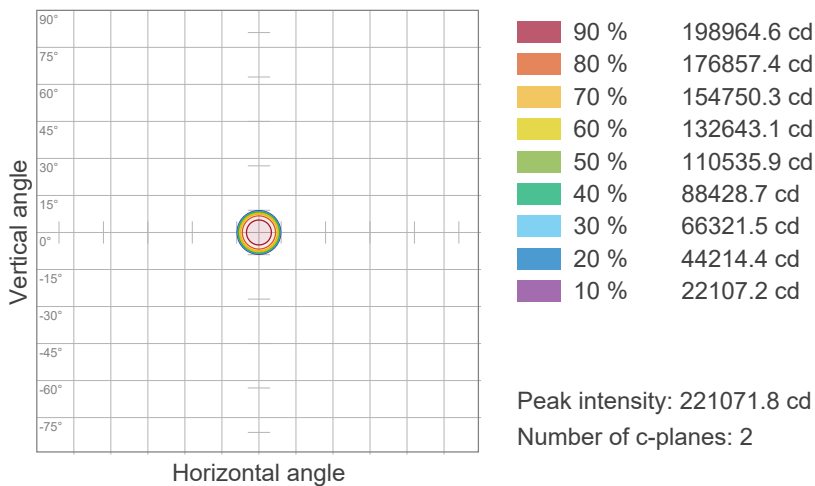
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35-Stable

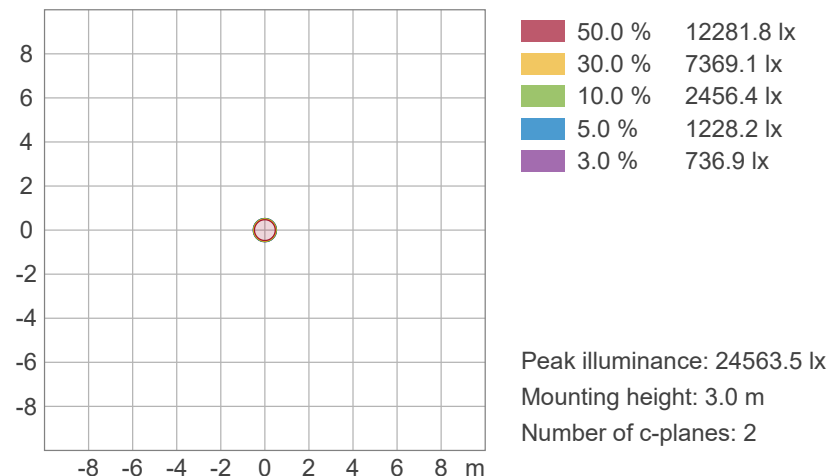


ISO Diagrams

ISO Candela Diagram



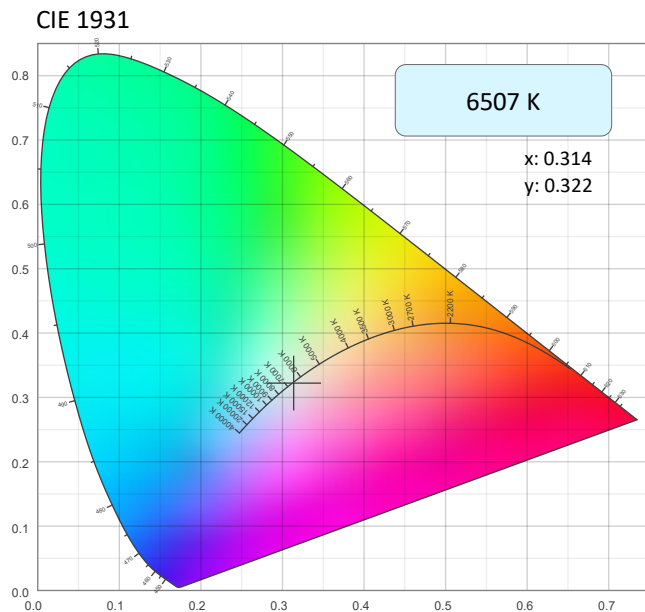
ISO Lux Diagram



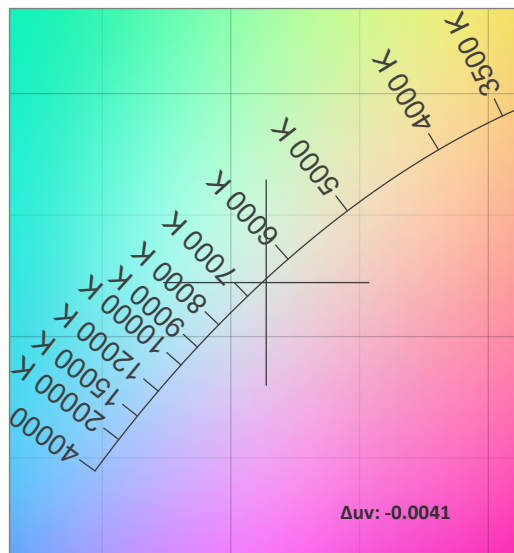
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35-Stable

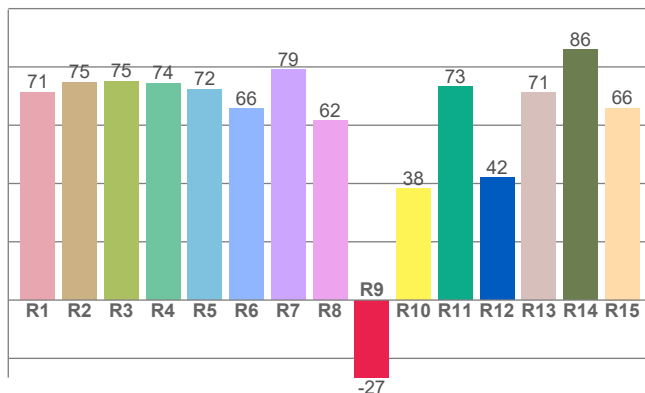
Chromaticity



CIE 1931 - Zoom



CRI: 71.8 (R1-R8)

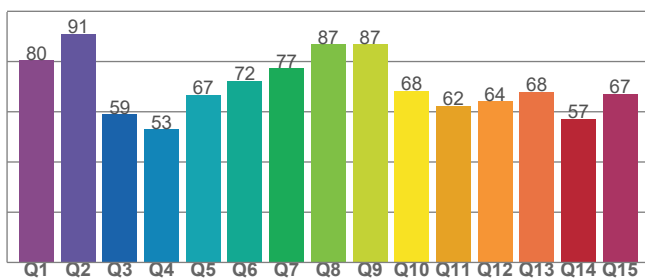


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6507 K	0.314	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0041	0.322	0.201

CQS: 68.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	-26.6	68.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.0	94.8

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom - Full Power-TV35-Stable

TM-30 Details

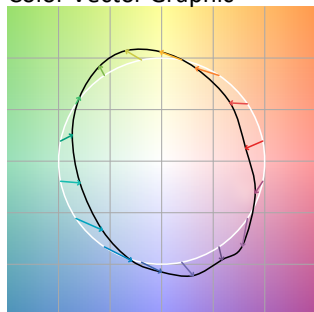
Rf 71.0

Fidelity Index
(Rg)

Rg 94.8

Gammut Index (Rg)

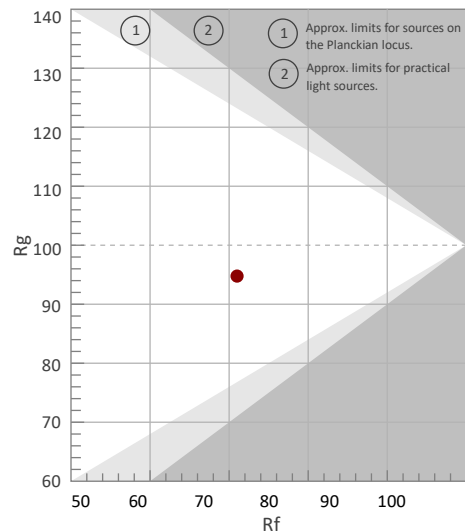
Color Vector Graphic



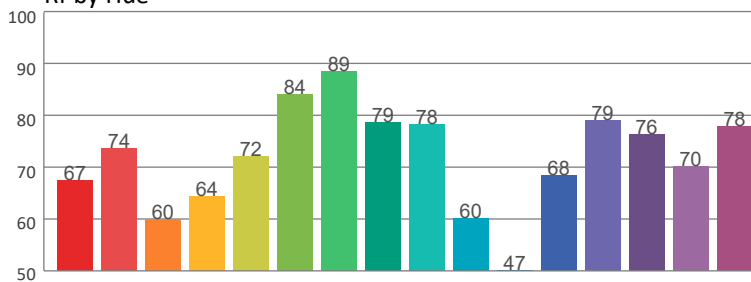
Color Distortion Graphic



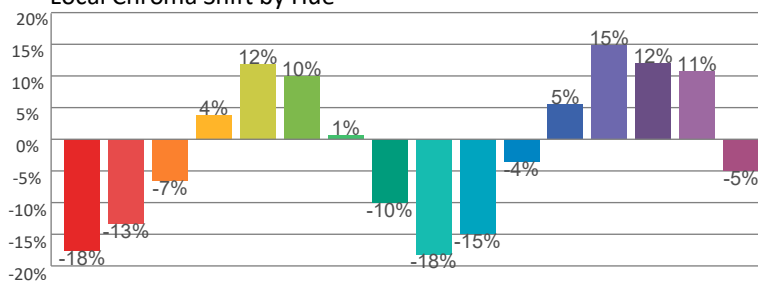
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	60	-7%	23%
4	64	4%	22%
5	72	12%	13%
6	84	10%	-1%
7	89	1%	-7%
8	79	-10%	-8%
9	78	-18%	5%
10	60	-15%	23%
11	47	-4%	29%
12	68	5%	21%
13	79	15%	8%
14	76	12%	-4%
15	70	11%	-25%
16	78	-5%	-12%



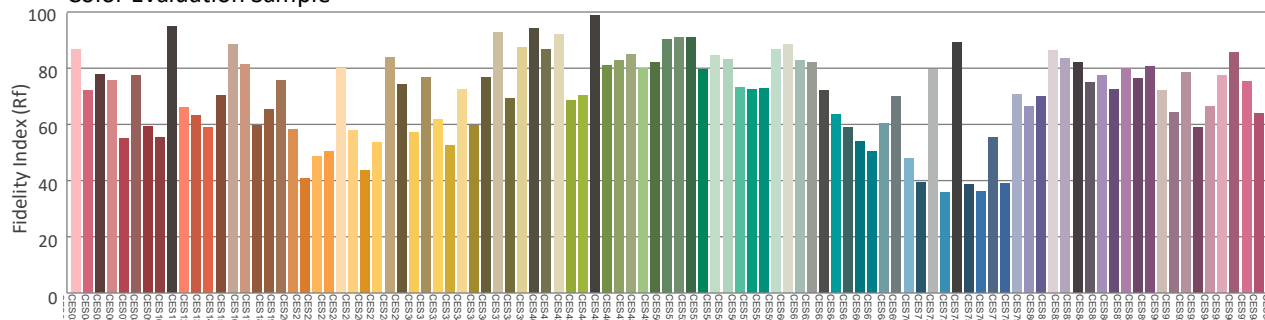
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-3200K - Full Power

Report Summary

Measurements

Fixture Output: 6891 lm

Fixture Peak: 91176 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 3647 lux

Color Temperature: 3262 K

CRI: 70.0 CRI R9 Value: 36.2

CQS: 67.6

TLCI: 39

TM-30 Rf: 68.6

TM-30 Rg: 99.1

Beam Angle (50%): 18.1°

Field Angle (10%): 19°

Cutoff Angle (3%): 19.8°

Conditions

AC Supply: 110 V, 60 Hz

Power: 0.0 W

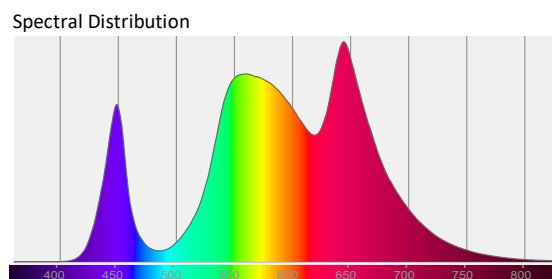
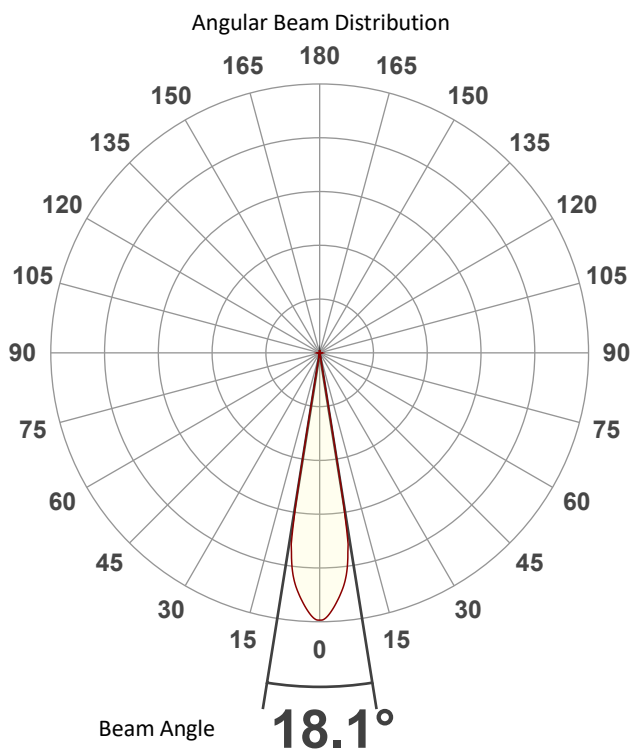
Current: 0.000 A

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 9/23/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

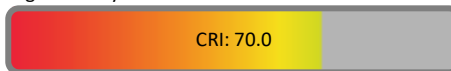
X: 0.419

Y: 0.395



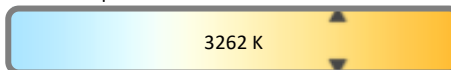
Light Quality

CRI: 70.0



Color Temperature

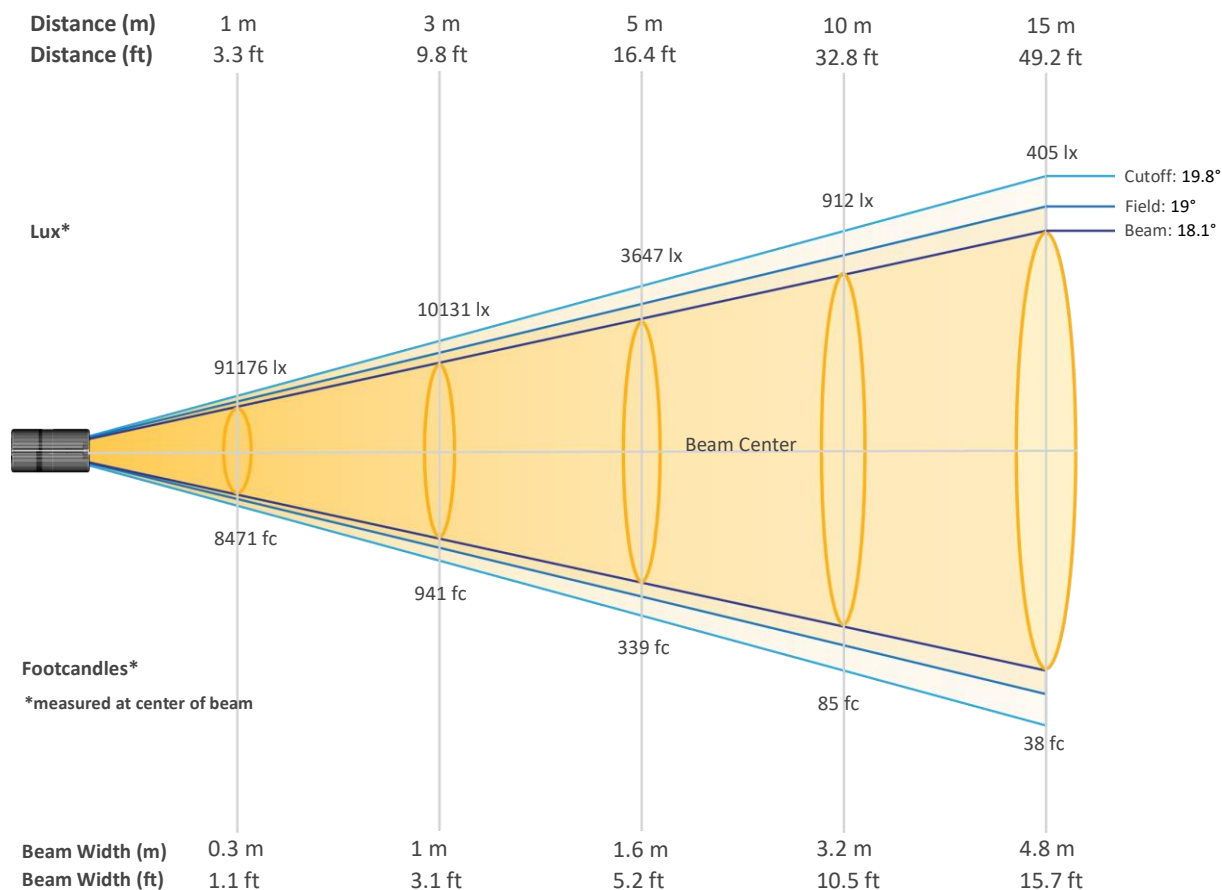
3262 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-3200K - Full Power

Beam Details

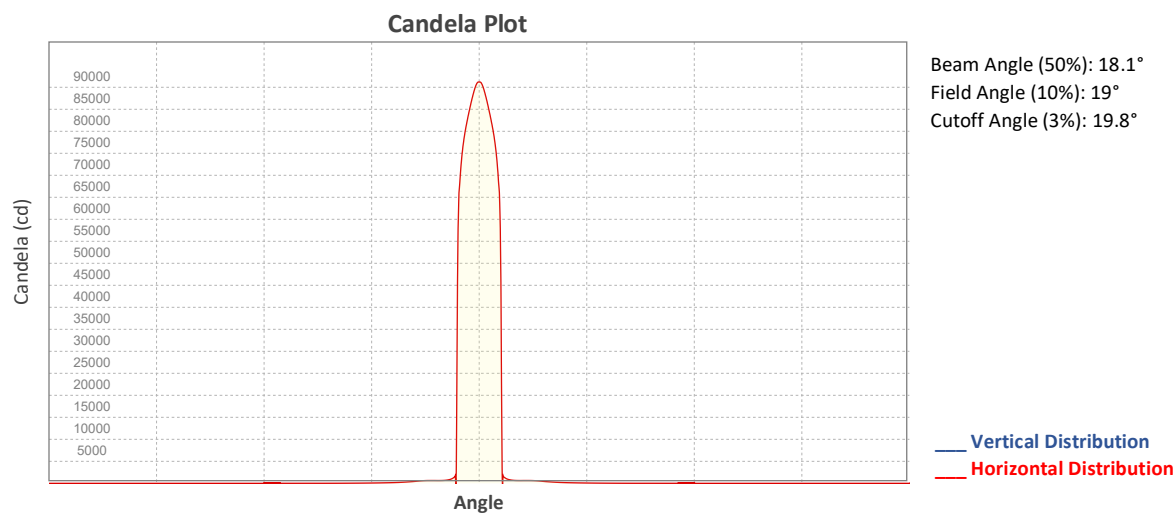


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	91176	22794	10131	5699	3647	2533	1861	1425	1126	912
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	754	633	540	465	405	356	315	281	253	228
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8471	2118	941	529	339	235	173	132	105	85
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	70	59	50	43	38	33	29	26	23	21

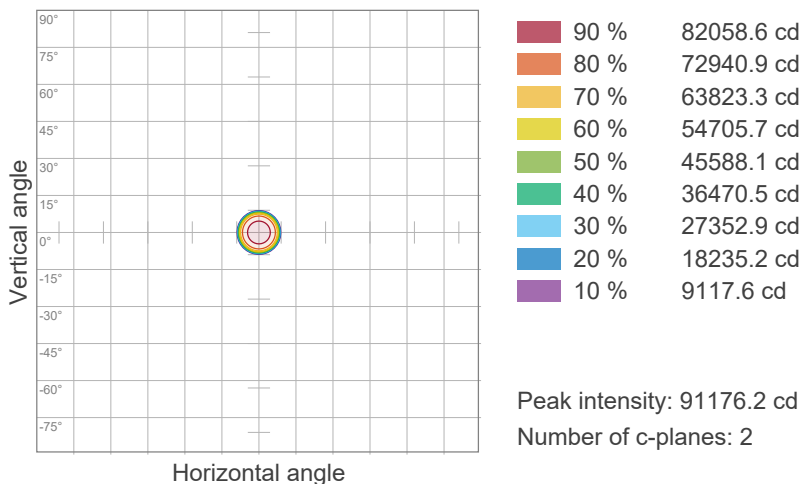
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-3200K - Full Power

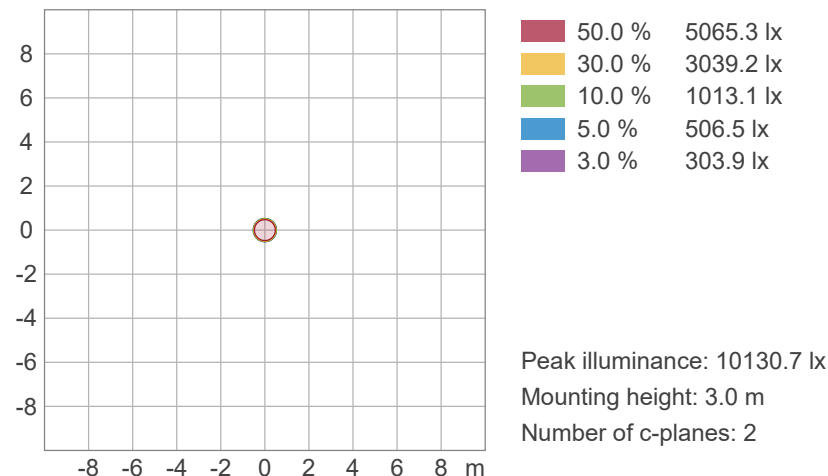


ISO Diagrams

ISO Candela Diagram



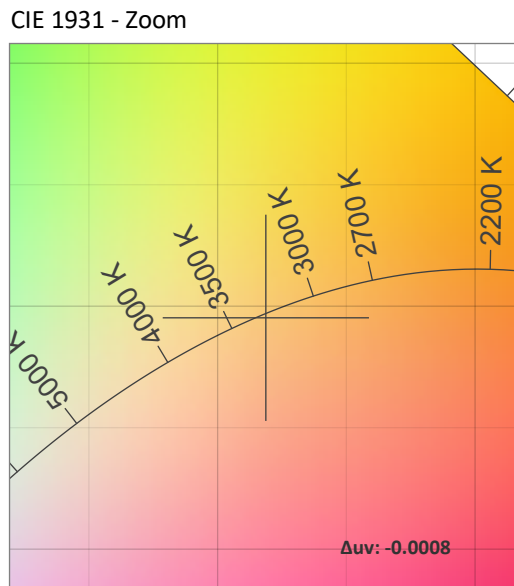
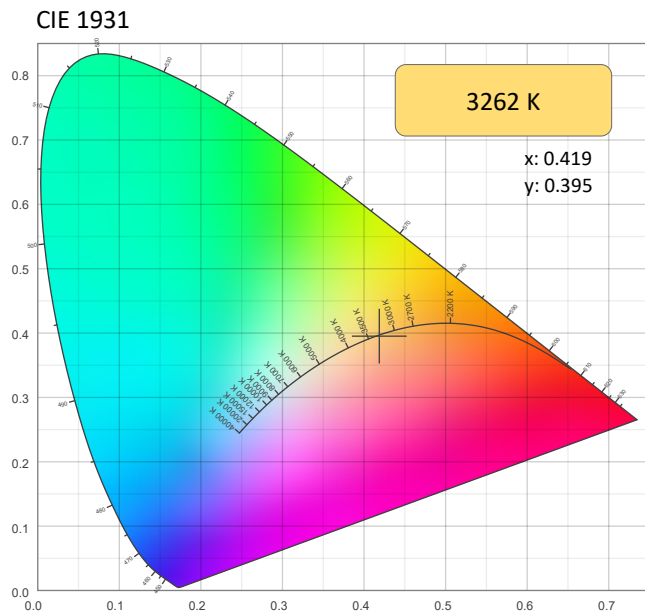
ISO Lux Diagram



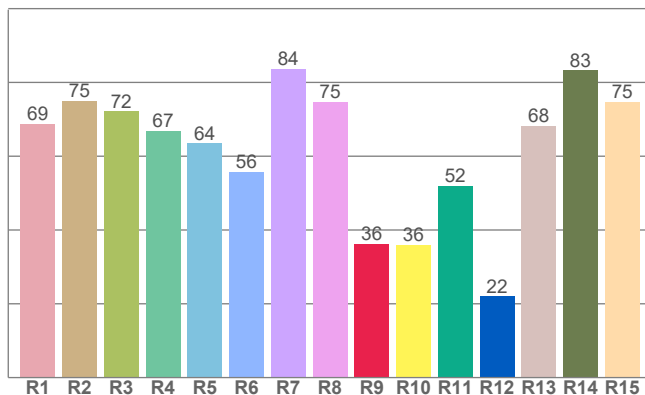
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-3200K - Full Power

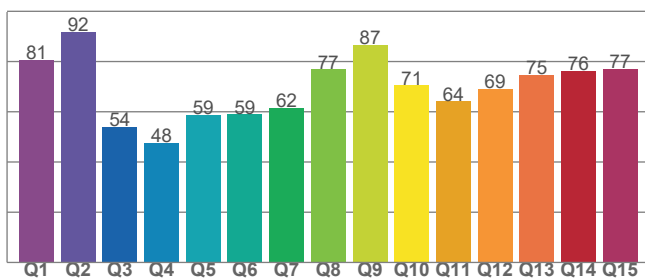
Chromaticity



CRI: 70.0 (R1-R8)



CQS: 67.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3262 K	0.419	0.395

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0008	0.395	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.0	36.2	67.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
39	68.6	99.1

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-3200K - Full Power

TM-30 Details

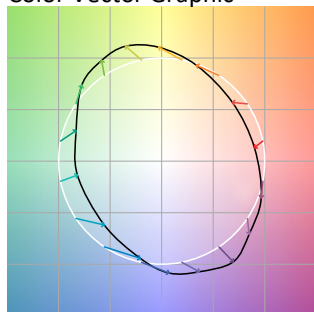
Rf 68.6

Fidelity Index
(Rg)

Rg 99.1

Gammut Index (Rg)

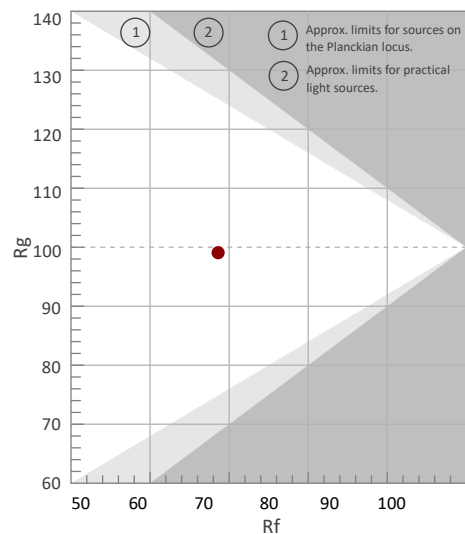
Color Vector Graphic



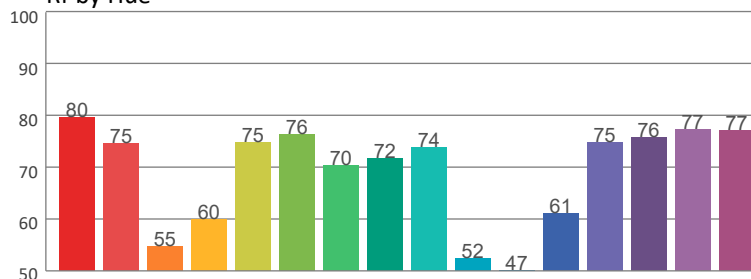
Color Distortion Graphic



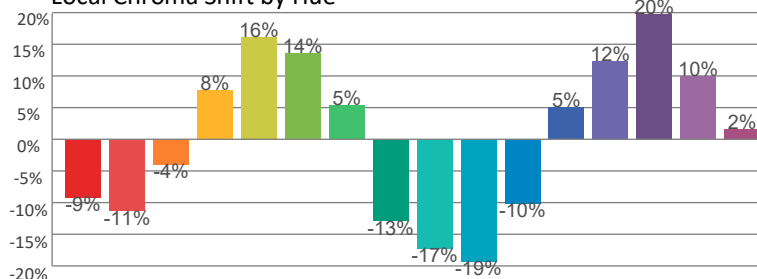
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	80	-9%	-5%
2	75	-11%	9%
3	55	-4%	24%
4	60	8%	24%
5	75	16%	13%
6	76	14%	-6%
7	70	5%	-18%
8	72	-13%	-13%
9	74	-17%	-3%
10	52	-19%	20%
11	47	-10%	35%
12	61	5%	28%
13	75	12%	15%
14	76	20%	3%
15	77	10%	-12%
16	77	2%	-16%



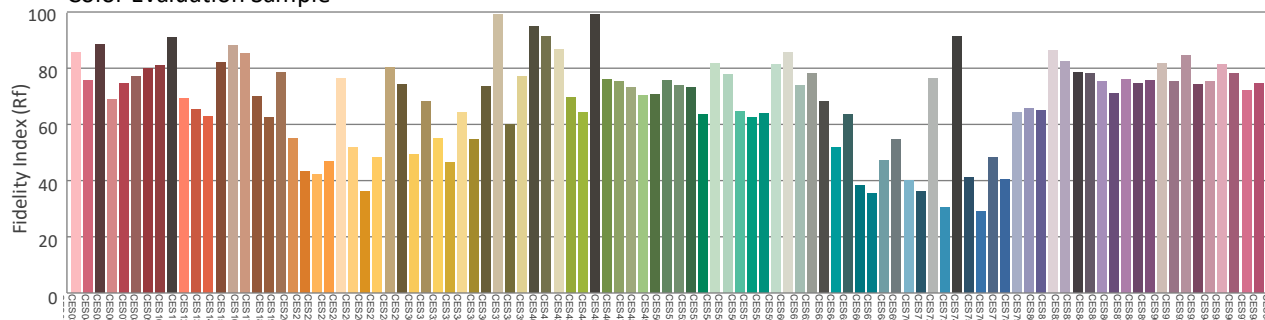
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-4000K - Full Power

Report Summary

Measurements

Fixture Output: 12191 lm
Fixture Peak: 161329 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6453 lux
Color Temperature: 4015 K
CRI: 65.1 CRI R9 Value: -27.2
CQS: 64.0
TLCI: 36
TM-30 Rf: 66.8
TM-30 Rg: 92.3
Beam Angle (50%): 18.1°
Field Angle (10%): 18.9°
Cutoff Angle (3%): 19.8°

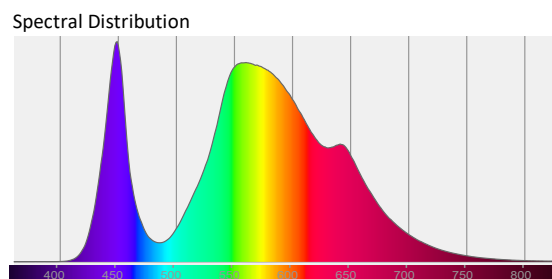
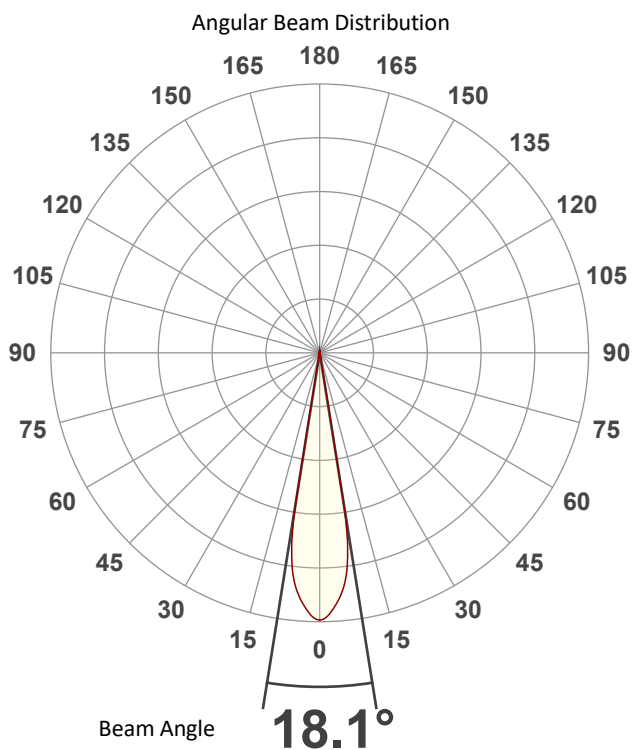


Conditions

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 9/23/2025 to LM-63-2002 Standards.

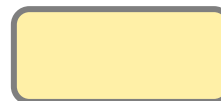
Overall Measurement



Tested Color (CIE 1931):

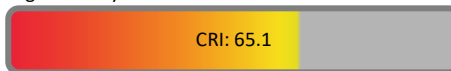
X: 0.380

Y: 0.378



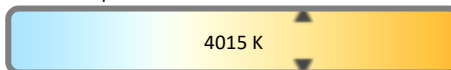
Light Quality

CRI: 65.1



Color Temperature

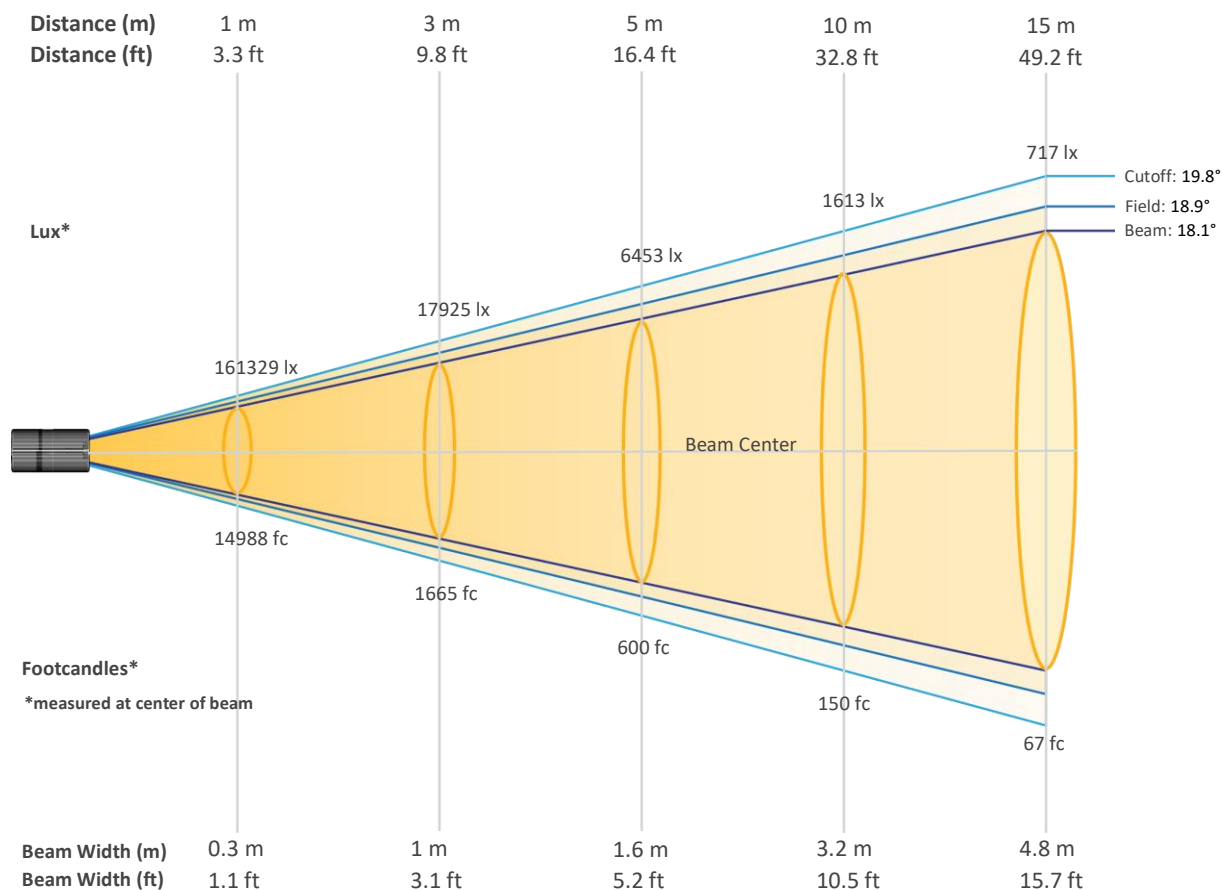
4015 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-4000K - Full Power

Beam Details

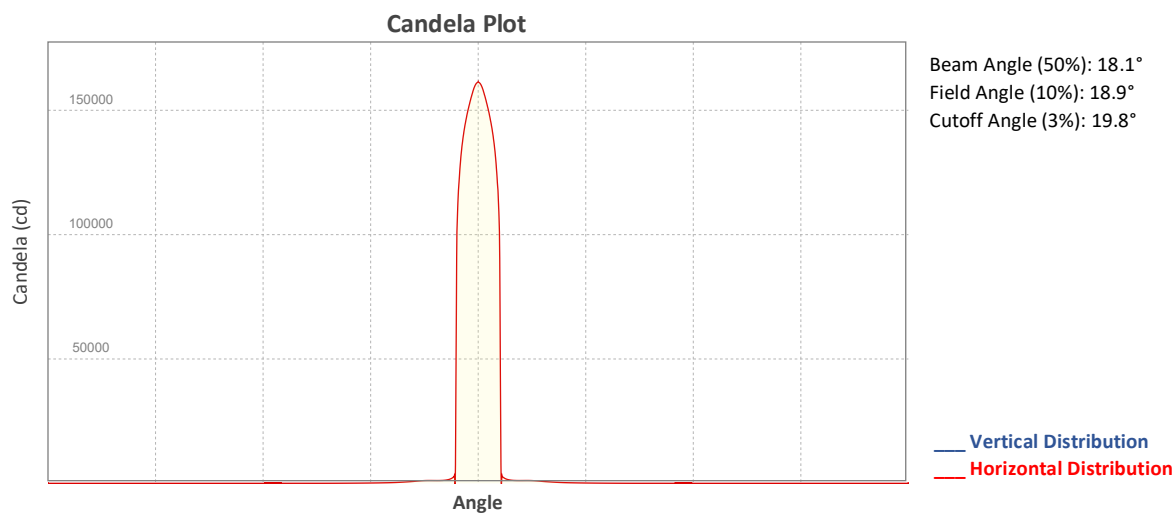


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	161329	40332	17925	10083	6453	4481	3292	2521	1992	1613
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1333	1120	955	823	717	630	558	498	447	403
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14988	3747	1665	937	600	416	306	234	185	150
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	124	104	89	76	67	59	52	46	42	37

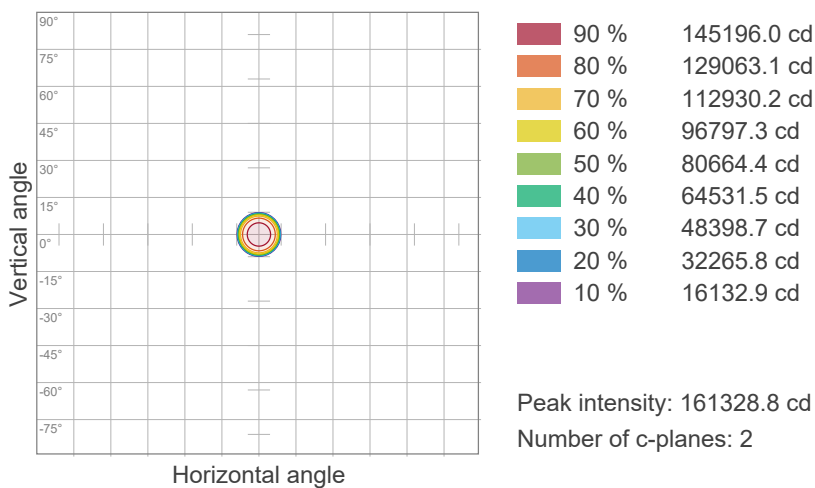
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-4000K - Full Power

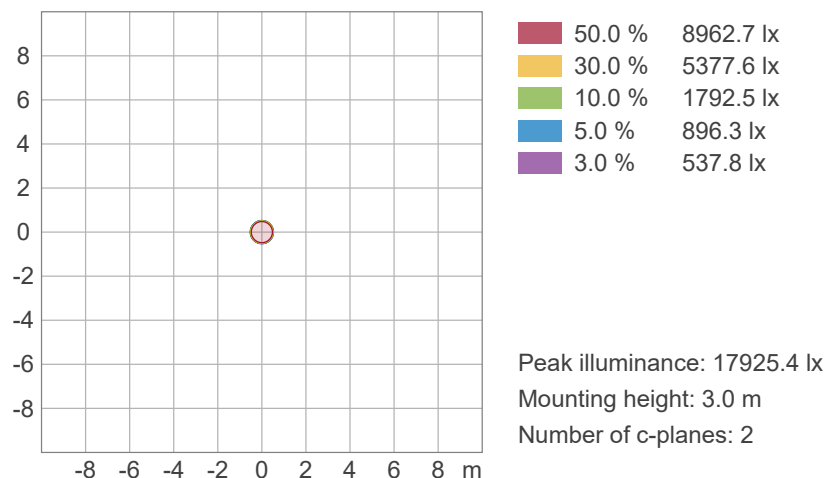


ISO Diagrams

ISO Candela Diagram



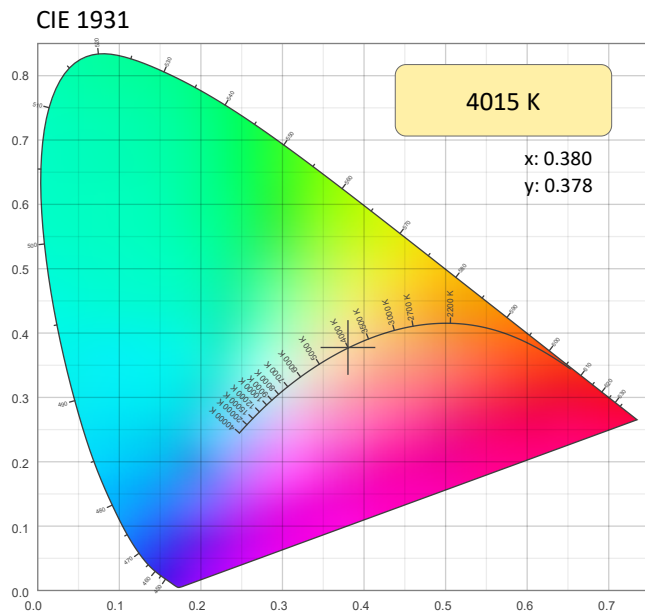
ISO Lux Diagram



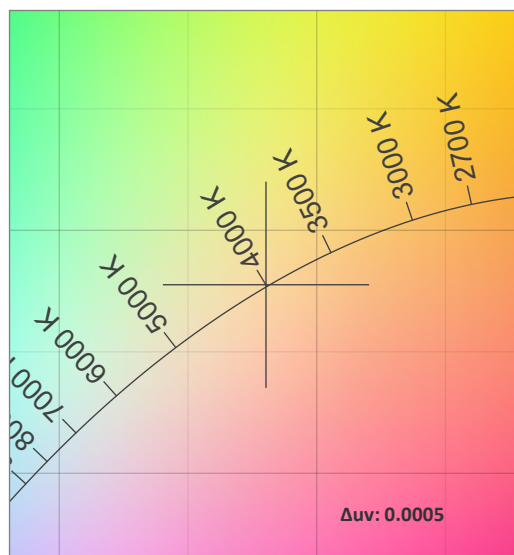
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-4000K - Full Power

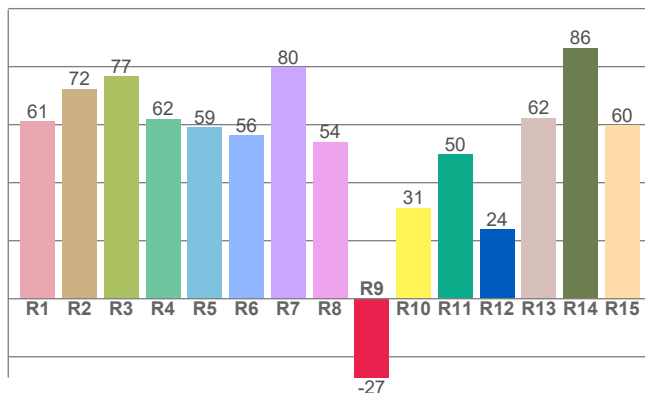
Chromaticity



CIE 1931 - Zoom



CRI: 65.1 (R1-R8)

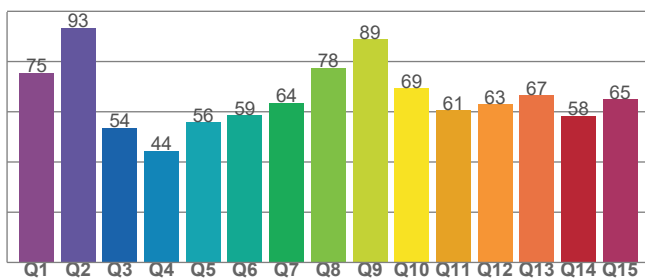


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4015 K	0.380	0.378

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0005	0.378	0.225

CQS: 64.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.1	-27.2	64.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
36	66.8	92.3

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-4000K - Full Power

TM-30 Details

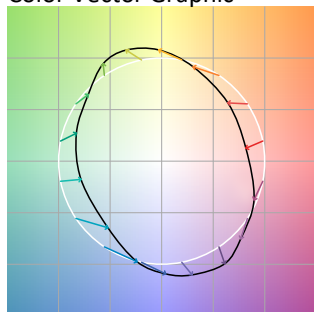
Rf 66.8

Fidelity Index
(Rg)

Rg 92.3

Gammut Index (Rg)

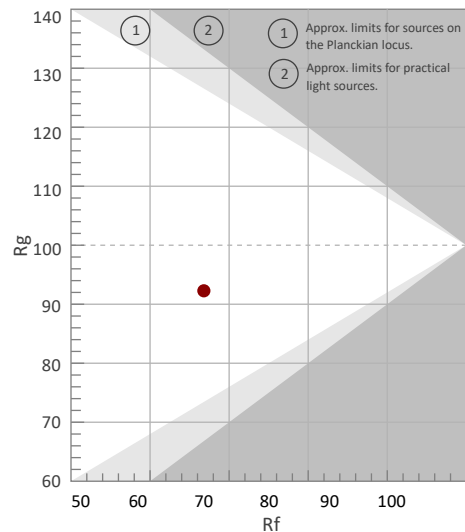
Color Vector Graphic



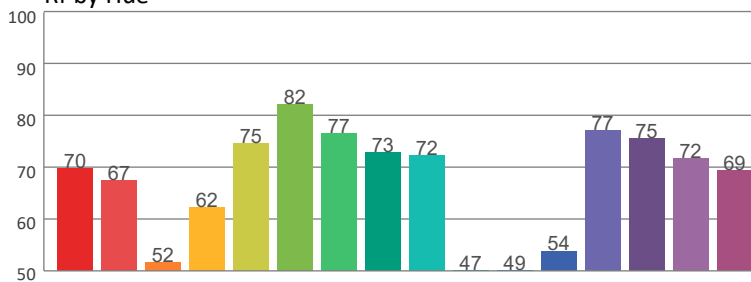
Color Distortion Graphic



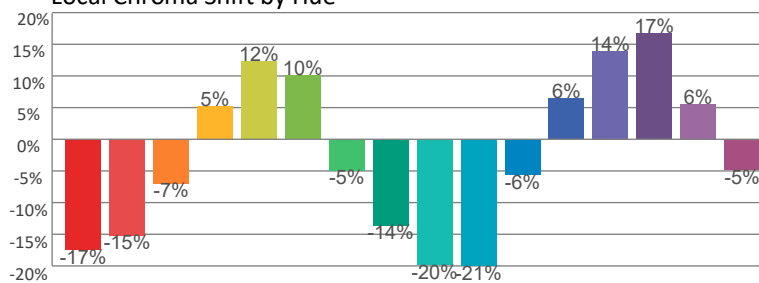
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	70	-17%	-4%
2	67	-15%	11%
3	52	-7%	25%
4	62	5%	24%
5	75	12%	13%
6	82	10%	-5%
7	77	-5%	-14%
8	73	-14%	-10%
9	72	-20%	2%
10	47	-21%	25%
11	49	-6%	34%
12	54	6%	25%
13	77	14%	7%
14	75	17%	-4%
15	72	6%	-20%
16	69	-5%	-19%



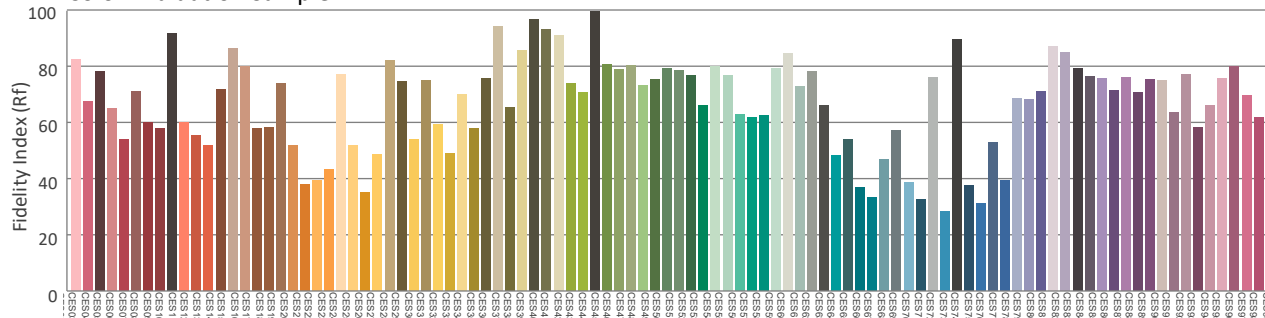
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-5600K - Full Power

Report Summary

Measurements

Fixture Output: 17673 lm
Fixture Peak: 234087 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 9363 lux
Color Temperature: 5638 K
CRI: 71.7 CRI R9 Value: -19.3
CQS: 67.1
TLCI: 47
TM-30 Rf: 70.5
TM-30 Rg: 94.9
Beam Angle (50%): 17.9°
Field Angle (10%): 19°
Cutoff Angle (3%): 20°

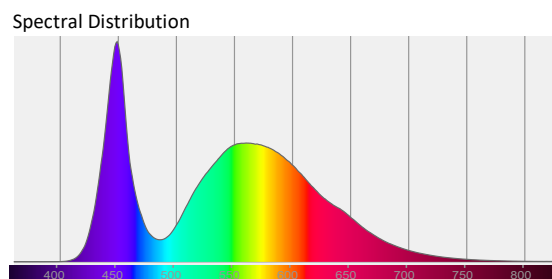
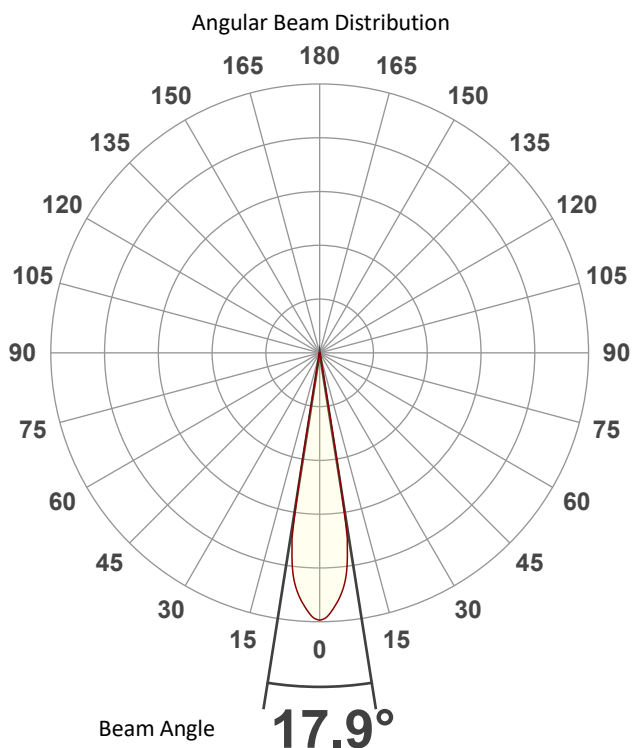


Conditions

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 9/23/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.330

Y: 0.332

Light Quality

CRI: 71.7

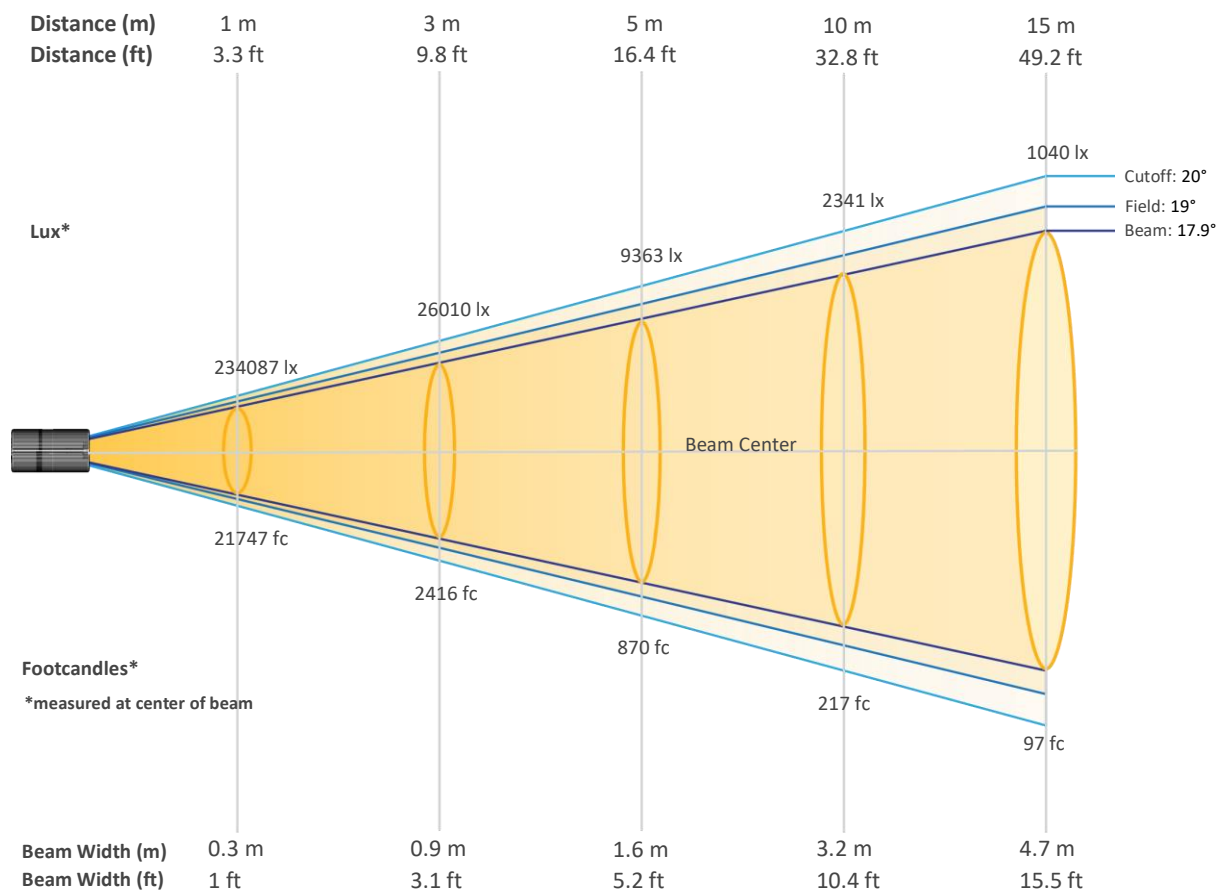
Color Temperature

5638 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-5600K - Full Power

Beam Details

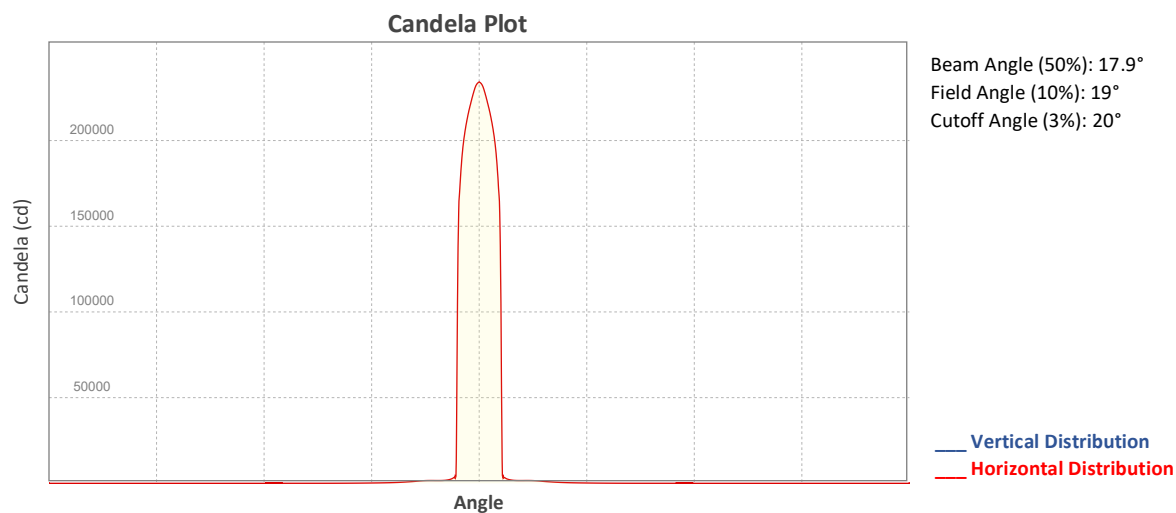


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	234087	58522	26010	14630	9363	6502	4777	3658	2890	2341
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1935	1626	1385	1194	1040	914	810	722	648	585
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21747	5437	2416	1359	870	604	444	340	268	217
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	180	151	129	111	97	85	75	67	60	54

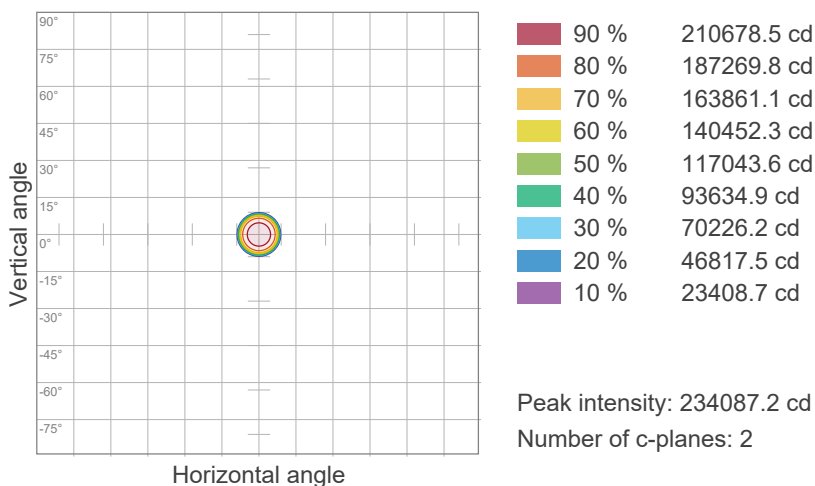
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-5600K - Full Power

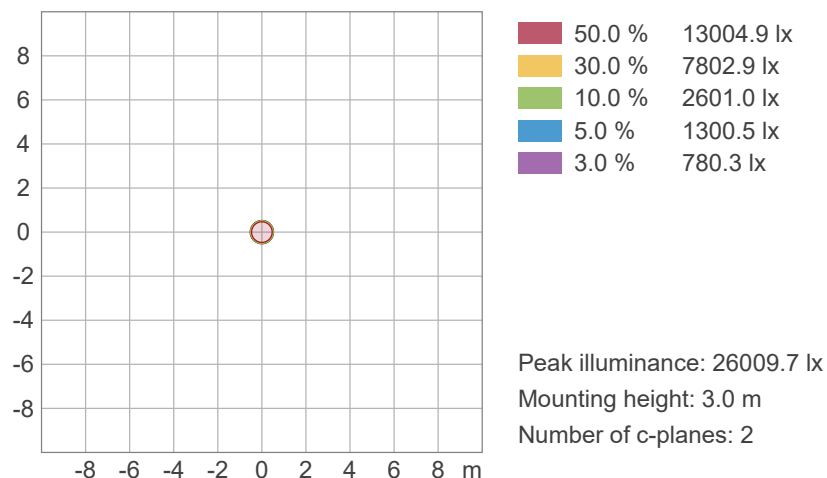


ISO Diagrams

ISO Candela Diagram



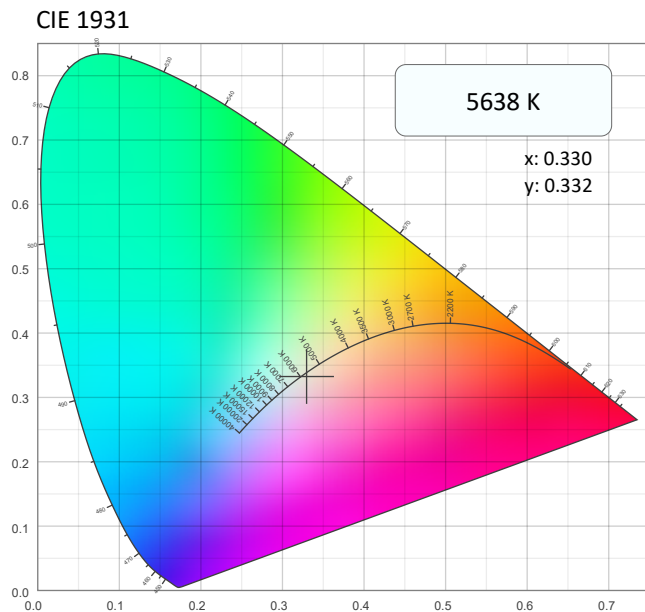
ISO Lux Diagram



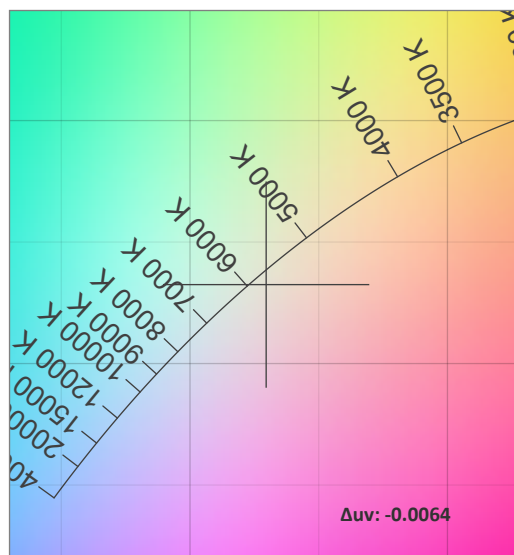
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-5600K - Full Power

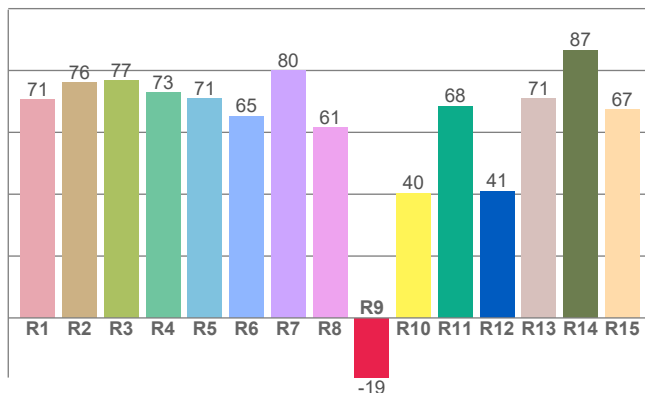
Chromaticity



CIE 1931 - Zoom



CRI: 71.7 (R1-R8)

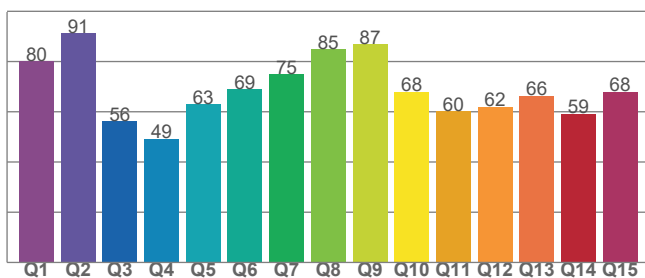


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5638 K	0.330	0.332

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0064	0.332	0.208

CQS: 67.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.7	-19.3	67.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.5	94.9

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-5600K - Full Power

TM-30 Details

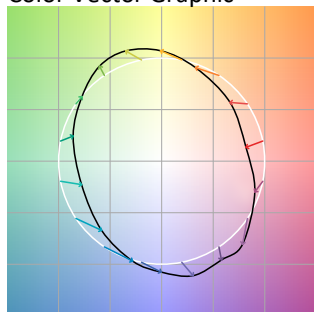
Rf 70.5

Fidelity Index
(Rg)

Rg 94.9

Gammut Index (Rg)

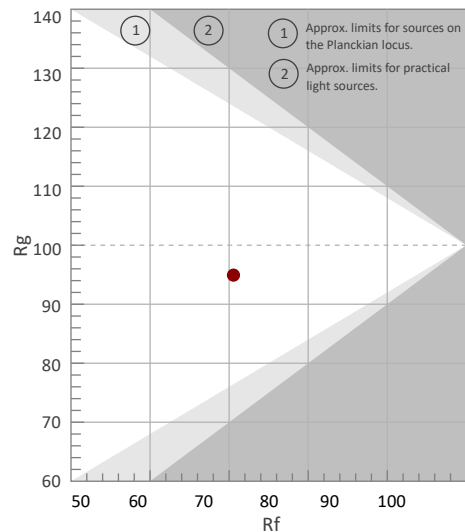
Color Vector Graphic



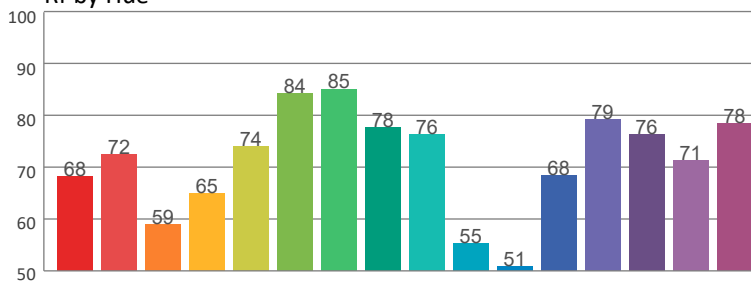
Color Distortion Graphic



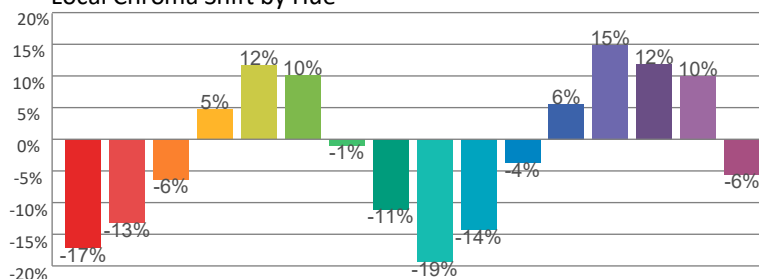
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	-17%	-3%
2	72	-13%	11%
3	59	-6%	23%
4	65	5%	22%
5	74	12%	13%
6	84	10%	-1%
7	85	-1%	-9%
8	78	-11%	-7%
9	76	-19%	7%
10	55	-14%	23%
11	51	-4%	30%
12	68	6%	21%
13	79	15%	8%
14	76	12%	-5%
15	71	10%	-23%
16	78	-6%	-12%



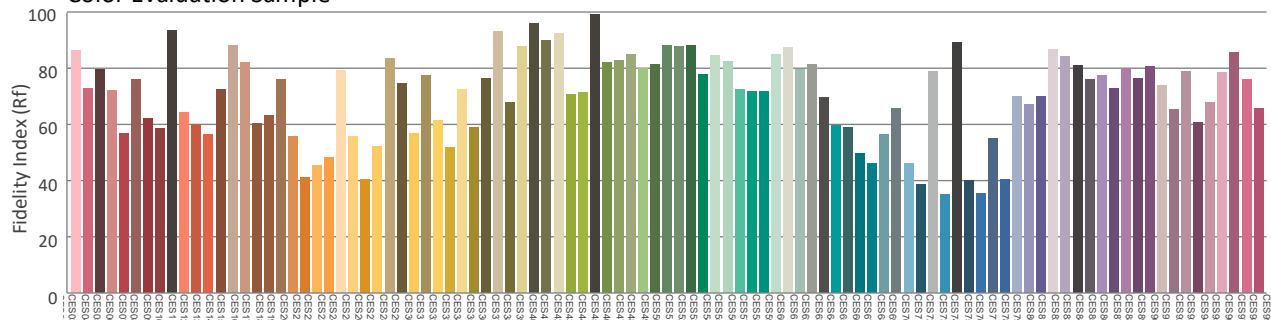
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTO - Full Power

Report Summary

Measurements

Fixture Output: 19296 lm
Fixture Peak: 253383 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 10135 lux
Color Temperature: 3122 K
CRI: 71.4 CRI R9 Value: -30.8
CQS: 70.8
TLCI: 45
TM-30 Rf: 74.0
TM-30 Rg: 94.9
Beam Angle (50%): 18.2°
Field Angle (10%): 18.9°
Cutoff Angle (3%): 19.8°

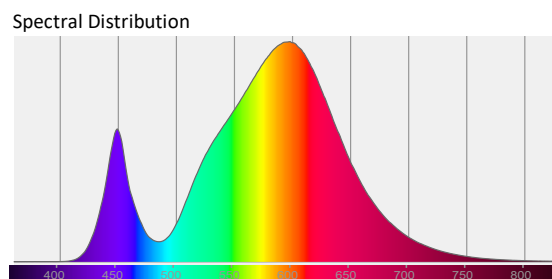
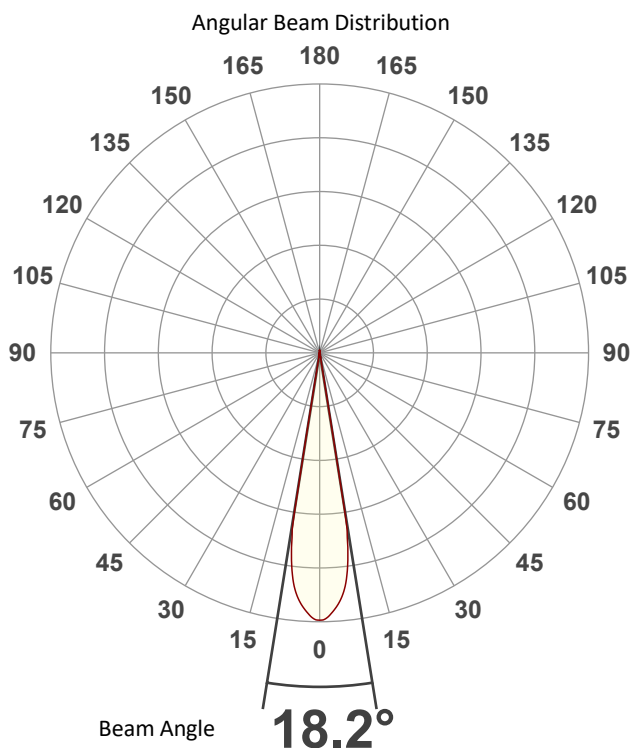


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

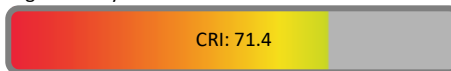
X: 0.430

Y: 0.403



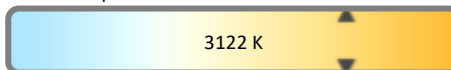
Light Quality

CRI: 71.4



Color Temperature

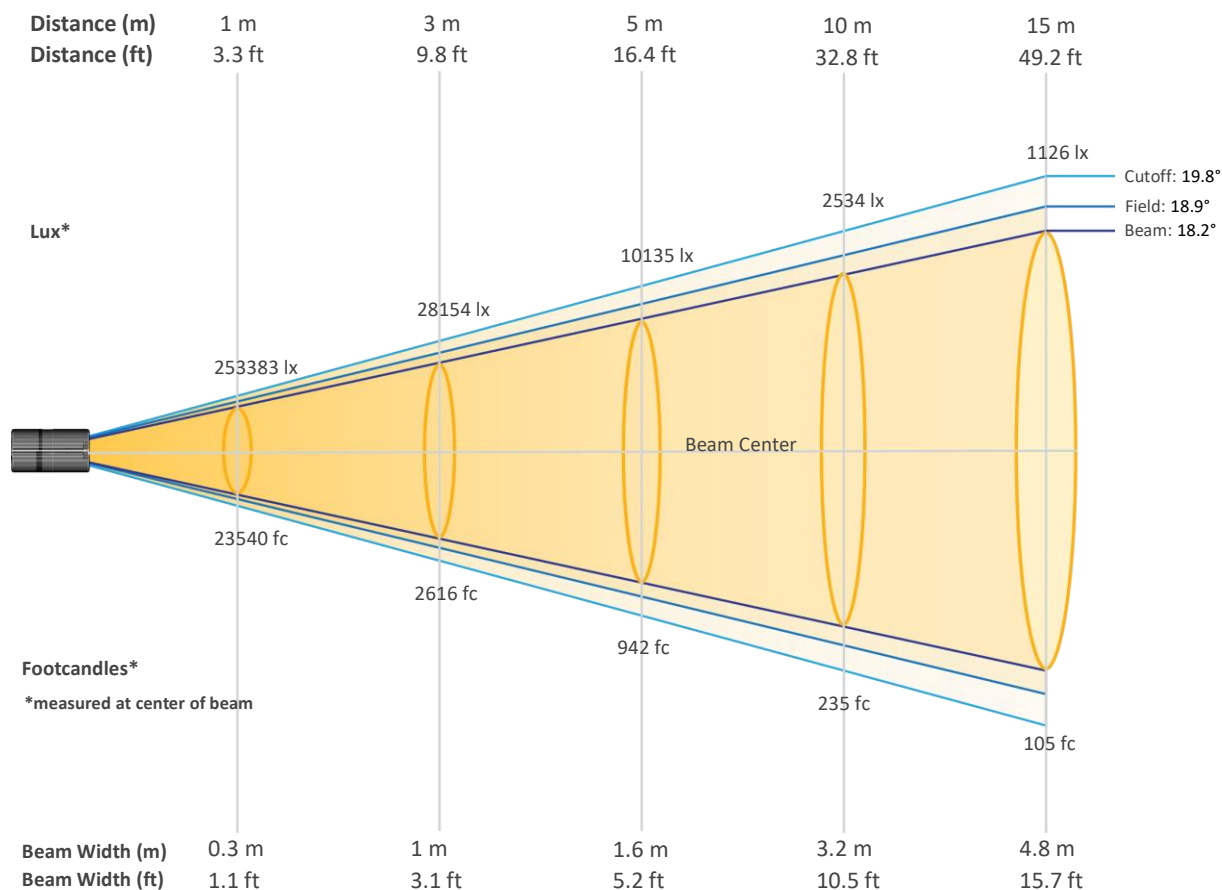
3122 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTO - Full Power

Beam Details

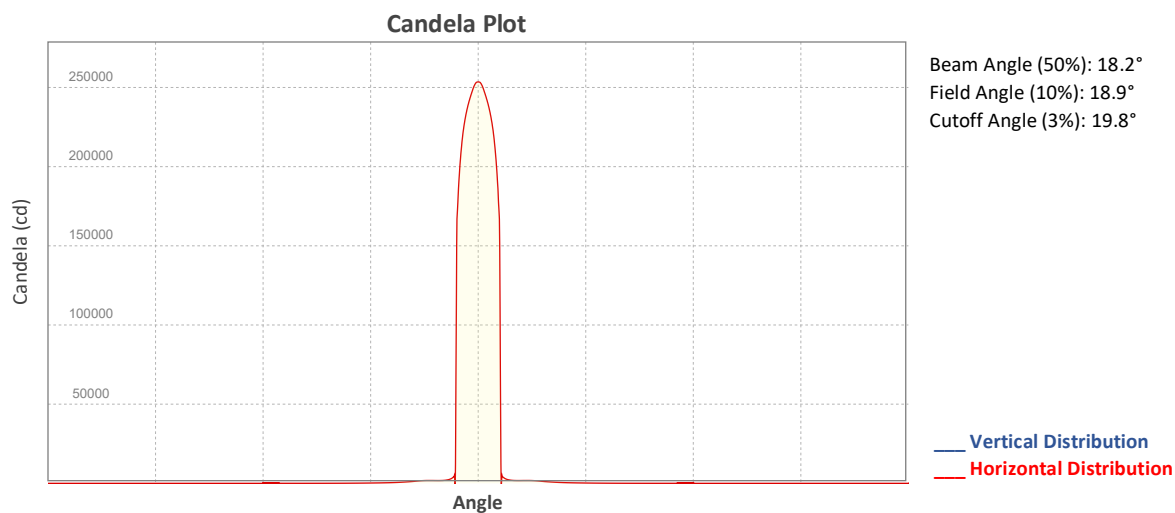


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	253383	63346	28154	15836	10135	7038	5171	3959	3128	2534
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2094	1760	1499	1293	1126	990	877	782	702	633
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	23540	5885	2616	1471	942	654	480	368	291	235
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	195	163	139	120	105	92	81	73	65	59

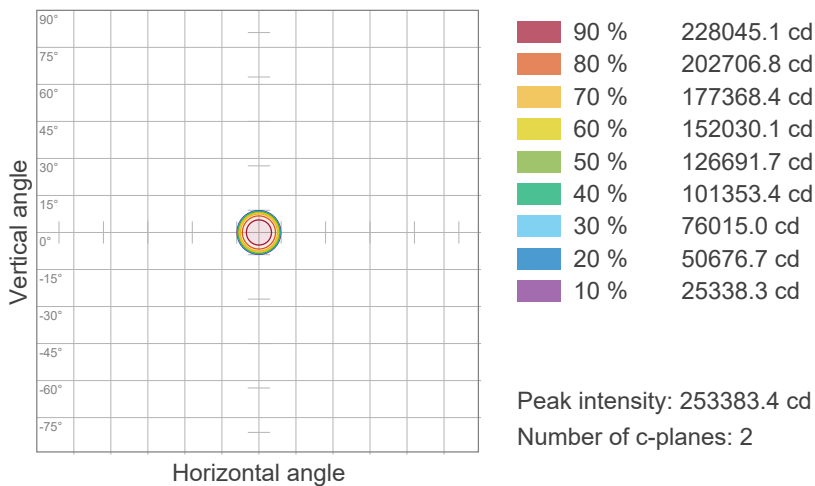
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTO - Full Power

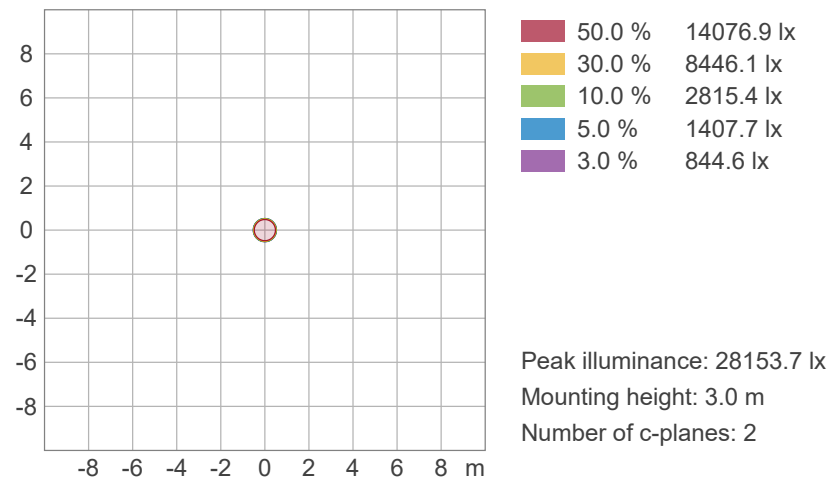


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTO - Full Power

TM-30 Details

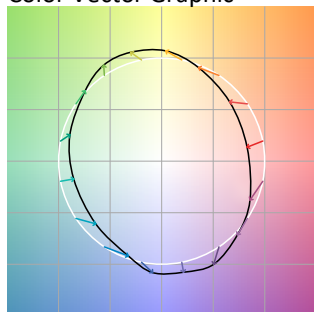
Rf 74.0

Fidelity Index
(Rg)

Rg 94.9

Gammut Index (Rg)

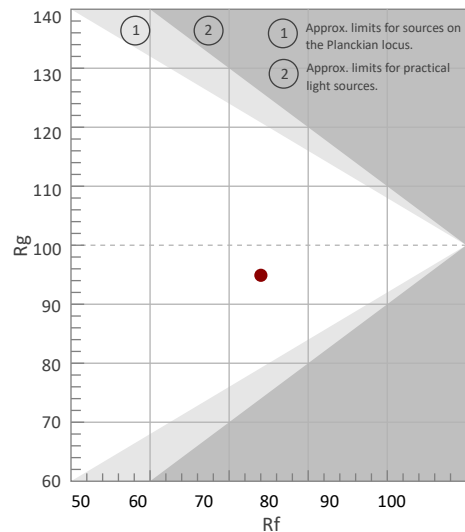
Color Vector Graphic



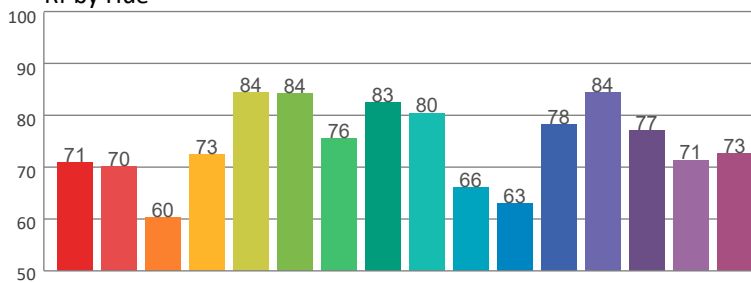
Color Distortion Graphic



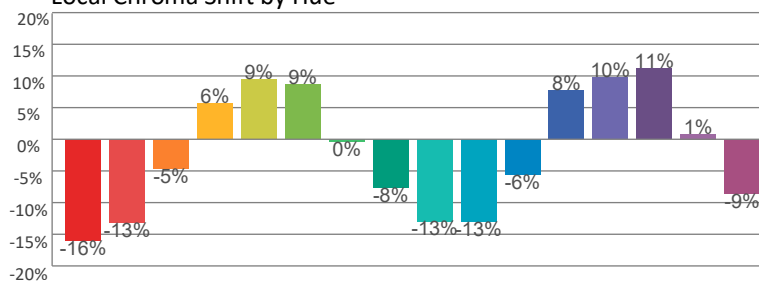
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	71	-16%	-3%
2	70	-13%	11%
3	60	-5%	21%
4	73	6%	17%
5	84	9%	9%
6	84	9%	-5%
7	76	0%	-16%
8	83	-8%	-8%
9	80	-13%	0%
10	66	-13%	15%
11	63	-6%	24%
12	78	8%	12%
13	84	10%	0%
14	77	11%	-14%
15	71	1%	-19%
16	73	-9%	-20%



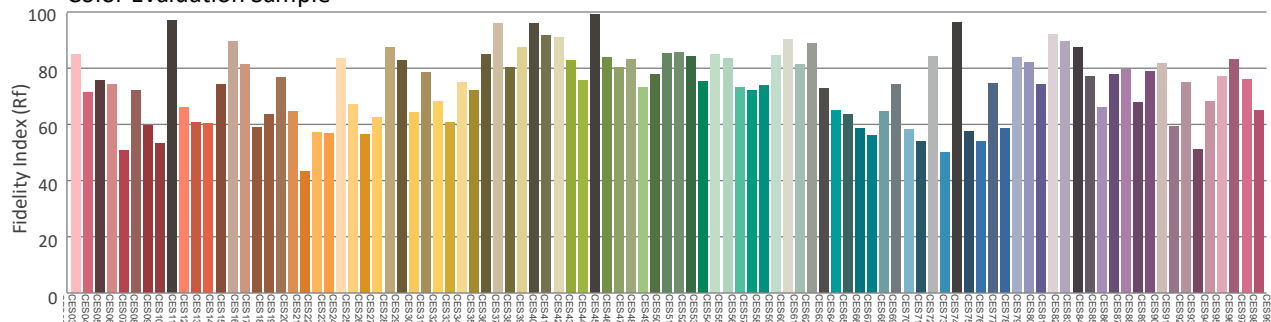
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTB - Full Power

Report Summary

Measurements

Fixture Output: 27278 lm
Fixture Peak: 356453 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 14258 lux
Color Temperature: 8307 K
CRI: 76.5 CRI R9 Value: 1.5
CQS: 72.9
TLCI: 55
TM-30 Rf: 74.6
TM-30 Rg: 96.1
Beam Angle (50%): 17.9°
Field Angle (10%): 19.2°
Cutoff Angle (3%): 20.1°

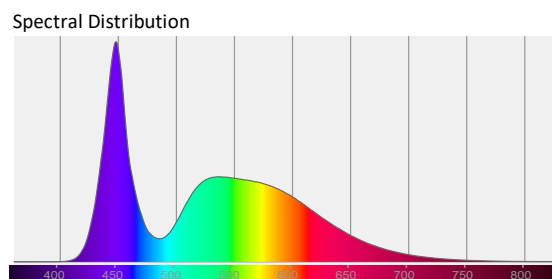
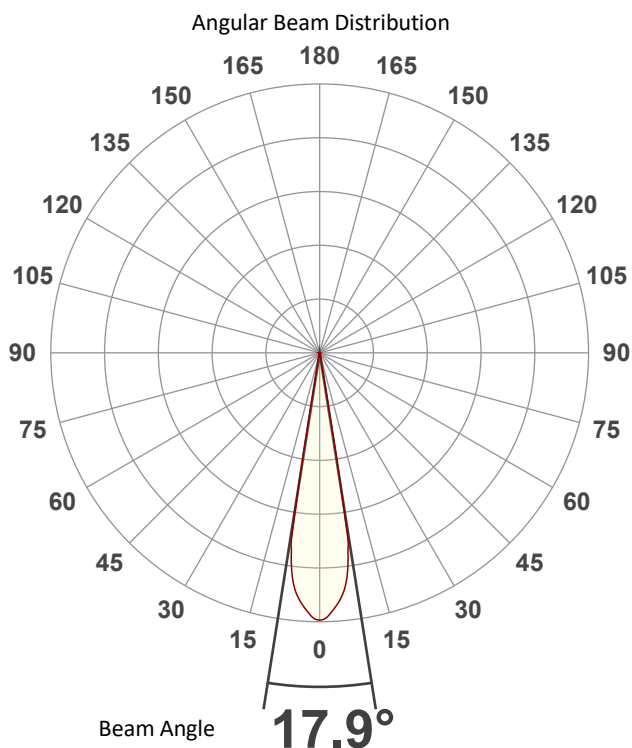
Conditions

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 9/23/2025 to LM-63-2002 Standards.

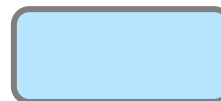
Overall Measurement



Tested Color (CIE 1931):

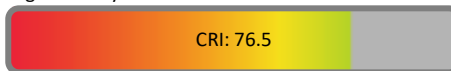
X: 0.293

Y: 0.299



Light Quality

CRI: 76.5



Color Temperature

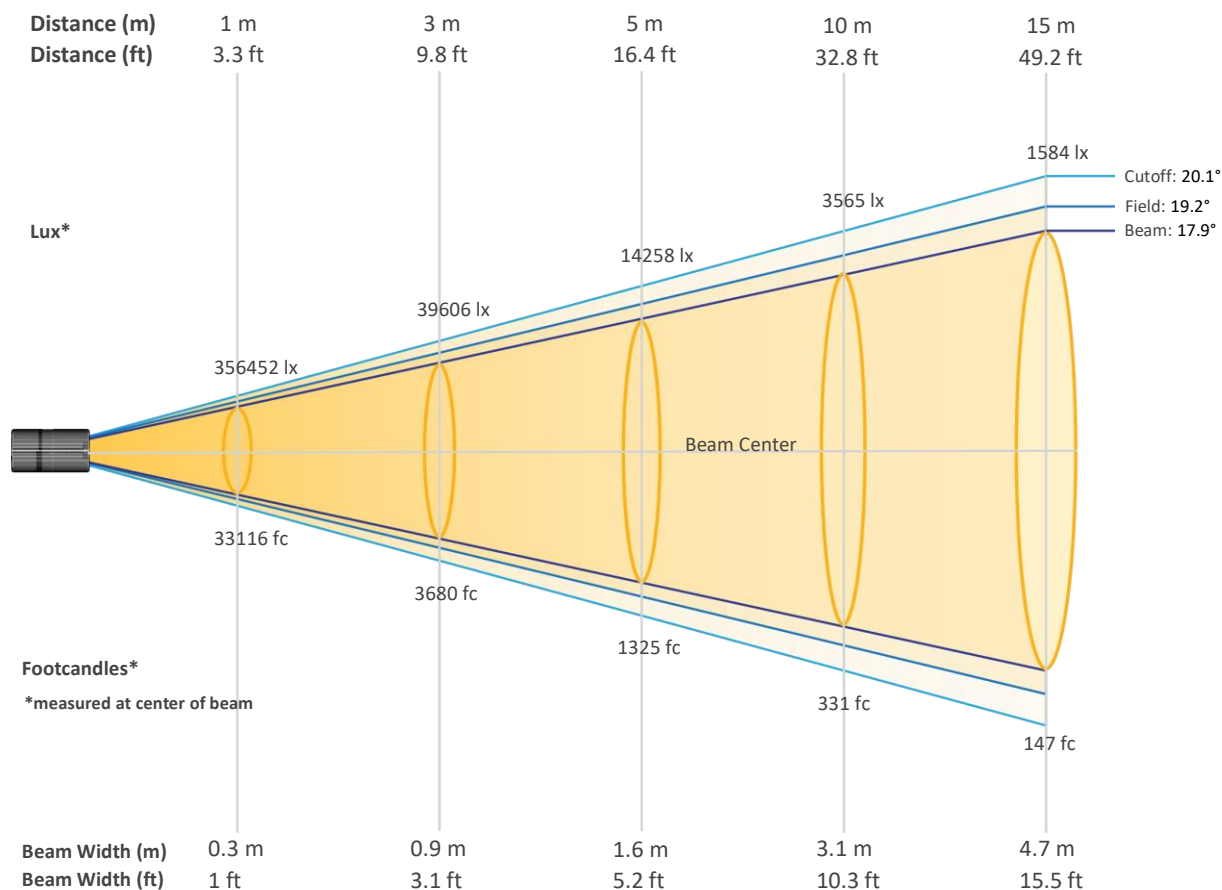
8307 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTB - Full Power

Beam Details

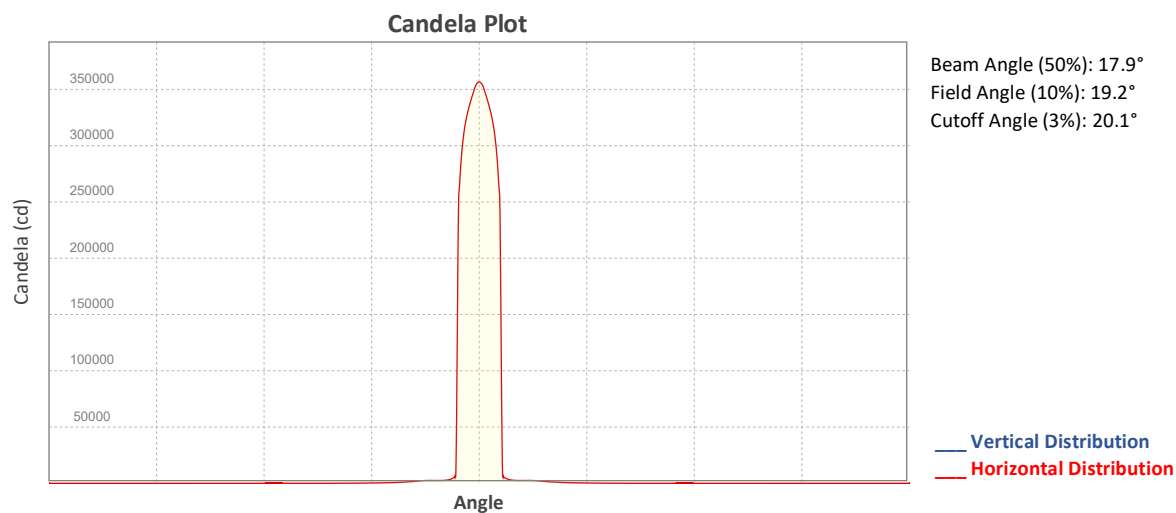


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	356452	89113	39606	22278	14258	9901	7275	5570	4401	3565
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2946	2475	2109	1819	1584	1392	1233	1100	987	891
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	33116	8279	3680	2070	1325	920	676	517	409	331
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	274	230	196	169	147	129	115	102	92	83

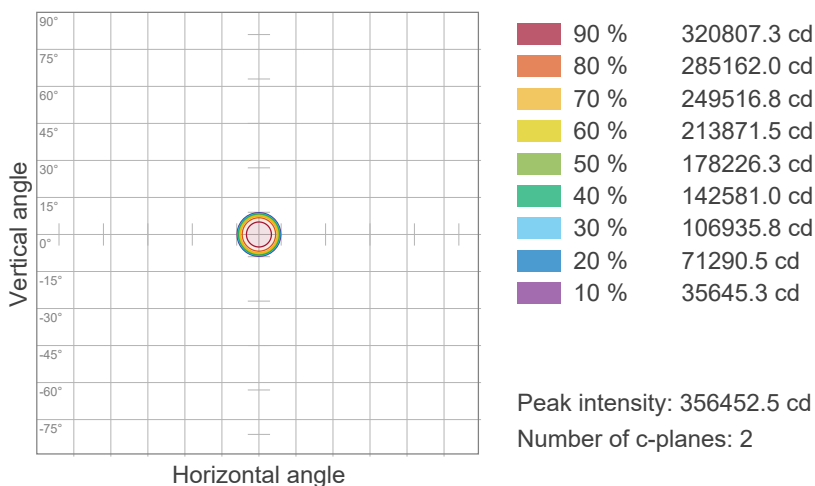
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTB - Full Power

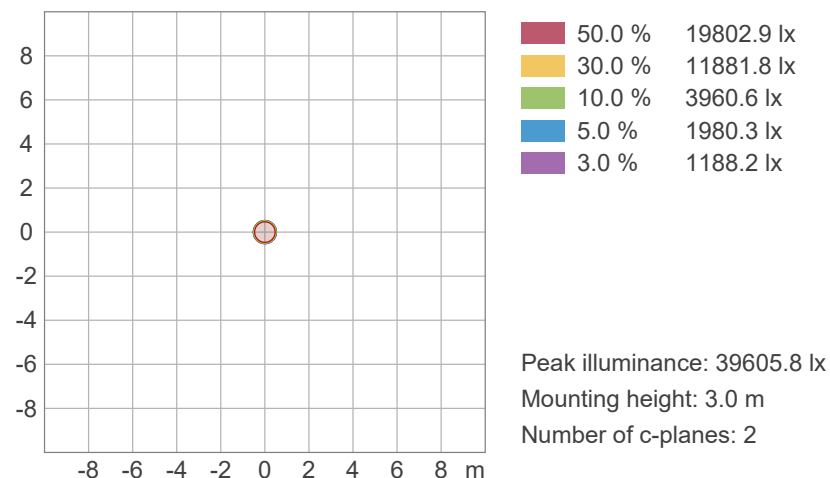


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

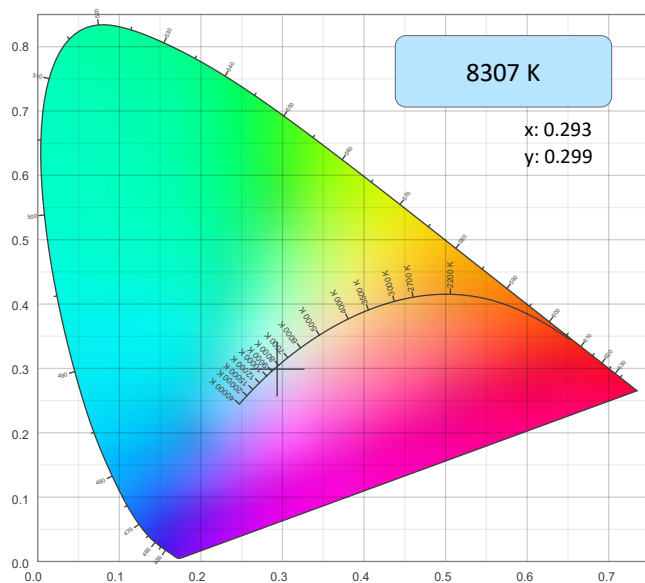


Photometric & Chromaticity Report

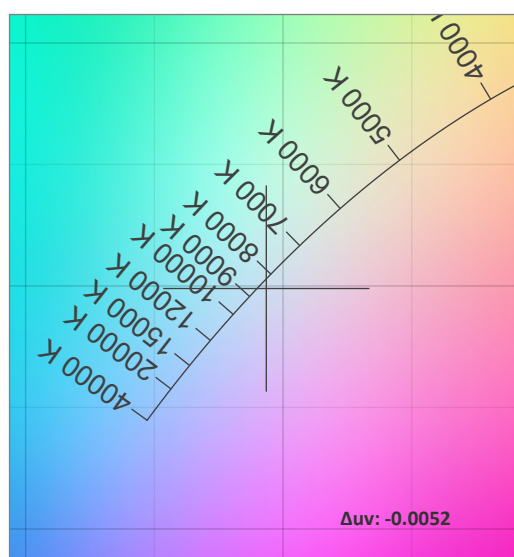
Maverick Storm 3 Profile: 50% Zoom-w/CTB - Full Power

Chromaticity

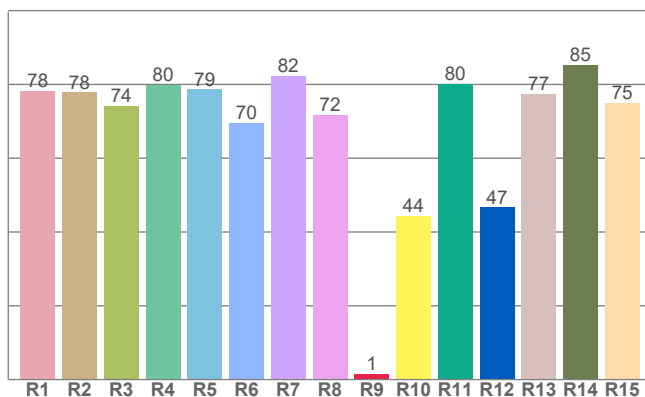
CIE 1931



CIE 1931 - Zoom



CRI: 76.5 (R1-R8)

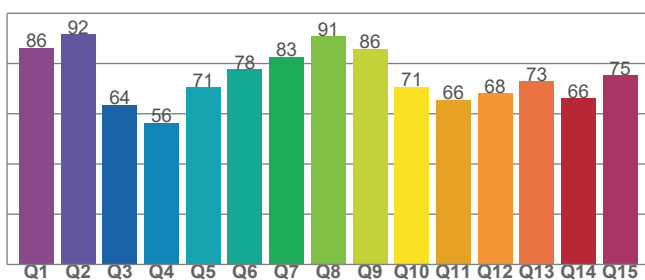


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8307 K	0.293	0.299

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0052	0.299	0.196

CQS: 72.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.5	1.5	72.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	74.6	96.1

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CTB - Full Power

TM-30 Details

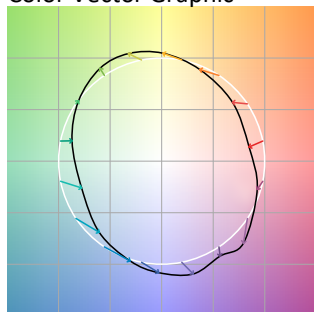
Rf 74.6

Fidelity Index
(Rg)

Rg 96.1

Gamut Index (Rg)

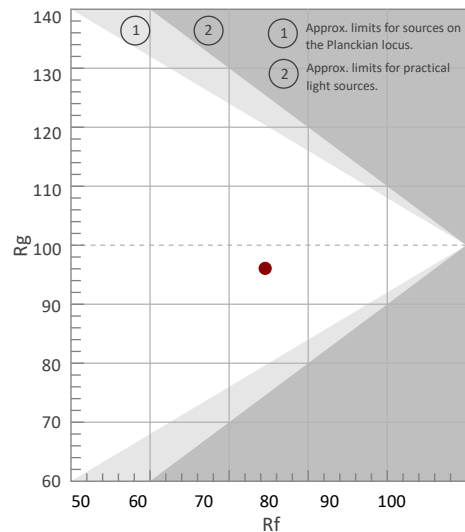
Color Vector Graphic



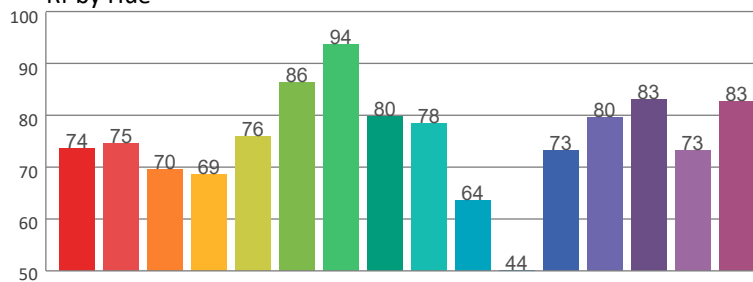
Color Distortion Graphic



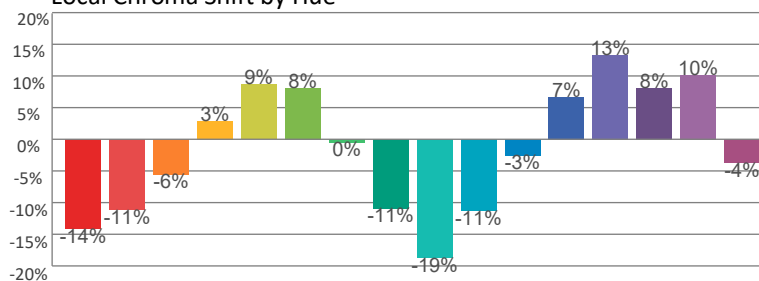
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	-14%	-3%
2	75	-11%	9%
3	70	-6%	19%
4	69	3%	19%
5	76	9%	11%
6	86	8%	0%
7	94	0%	-4%
8	80	-11%	-2%
9	78	-19%	10%
10	64	-11%	24%
11	44	-3%	28%
12	73	7%	18%
13	80	13%	9%
14	83	8%	-4%
15	73	10%	-22%
16	83	-4%	-9%



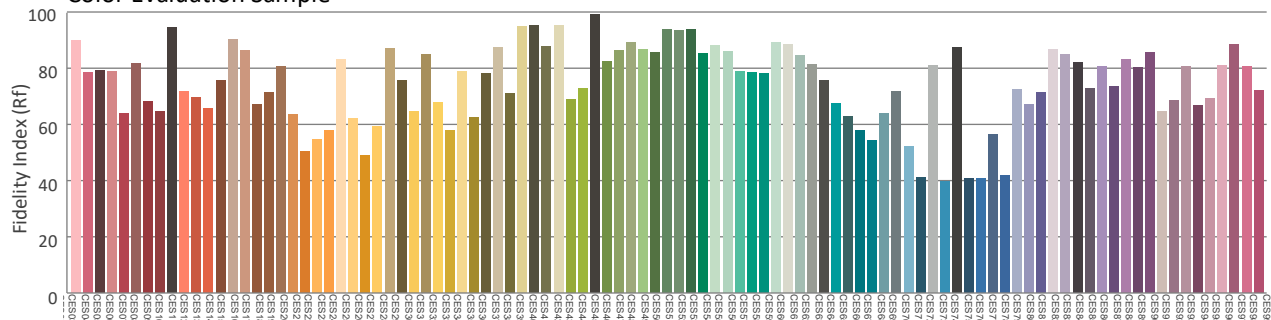
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CRI - Full Power

Report Summary

Measurements

Fixture Output: 23539 lm
Fixture Peak: 308076 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 12307 lux
Color Temperature: 5831 K
CRI: 91.1 CRI R9 Value: 53.7
CQS: 89.2
TLCI: 79
TM-30 Rf: 88.0
TM-30 Rg: 105.5
Beam Angle (50%): 18.2°
Field Angle (10%): 18.9°
Cutoff Angle (3%): 19.7°

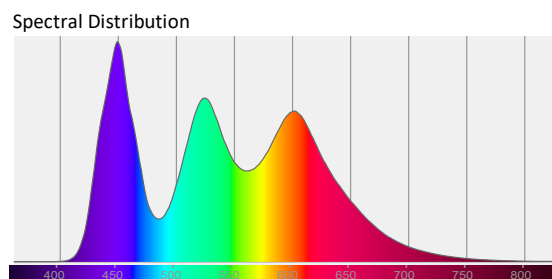
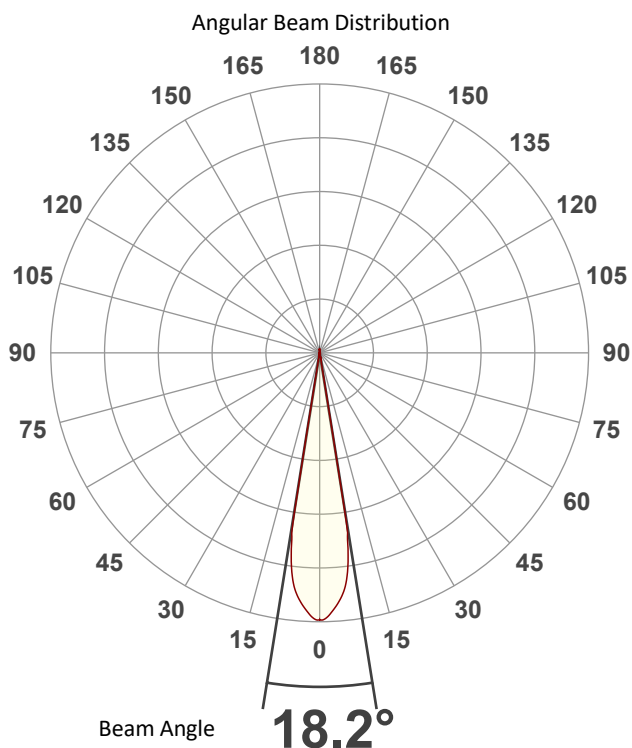


Conditions

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 9/23/2025 to LM-63-2002 Standards.

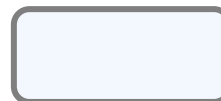
Overall Measurement



Tested Color (CIE 1931):

X: 0.326

Y: 0.325



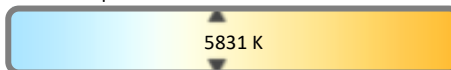
Light Quality

CRI: 91.1



Color Temperature

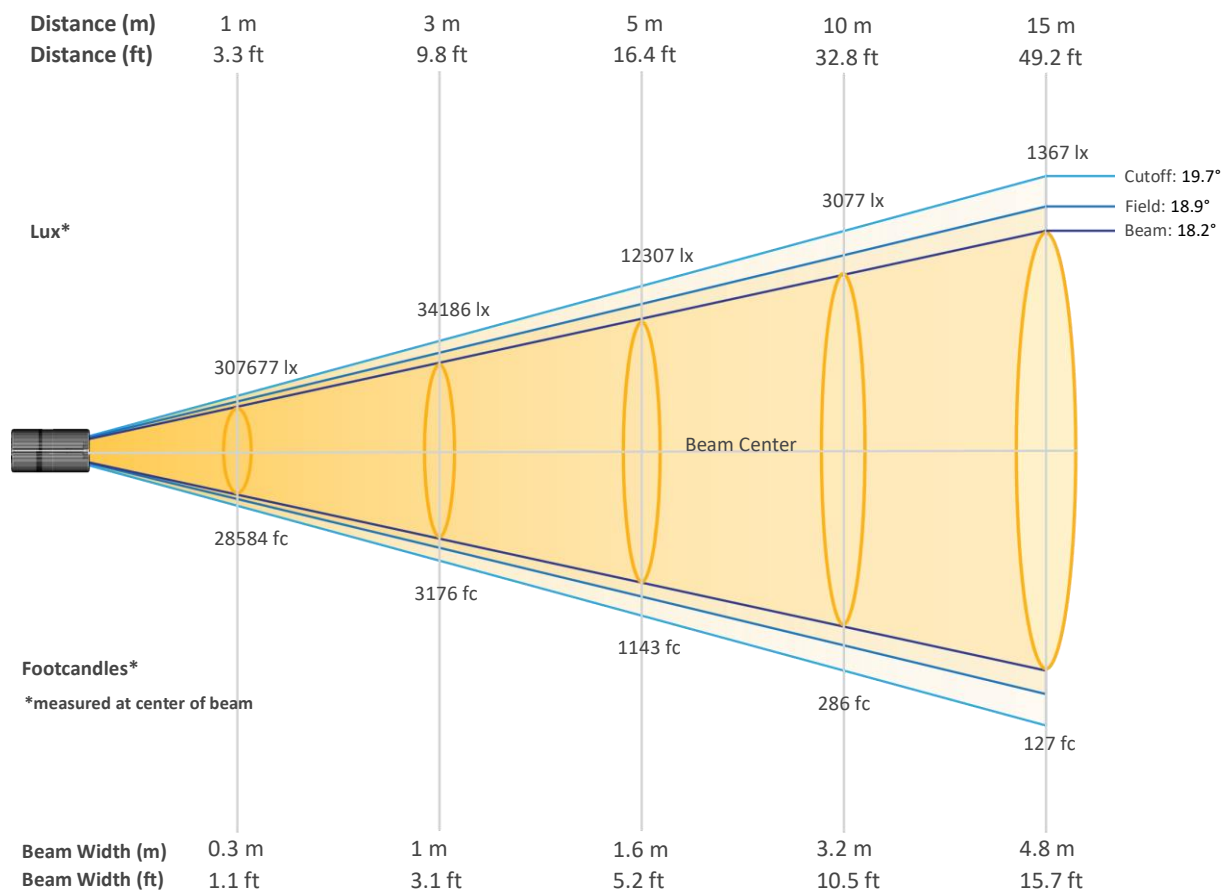
5831 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CRI - Full Power

Beam Details

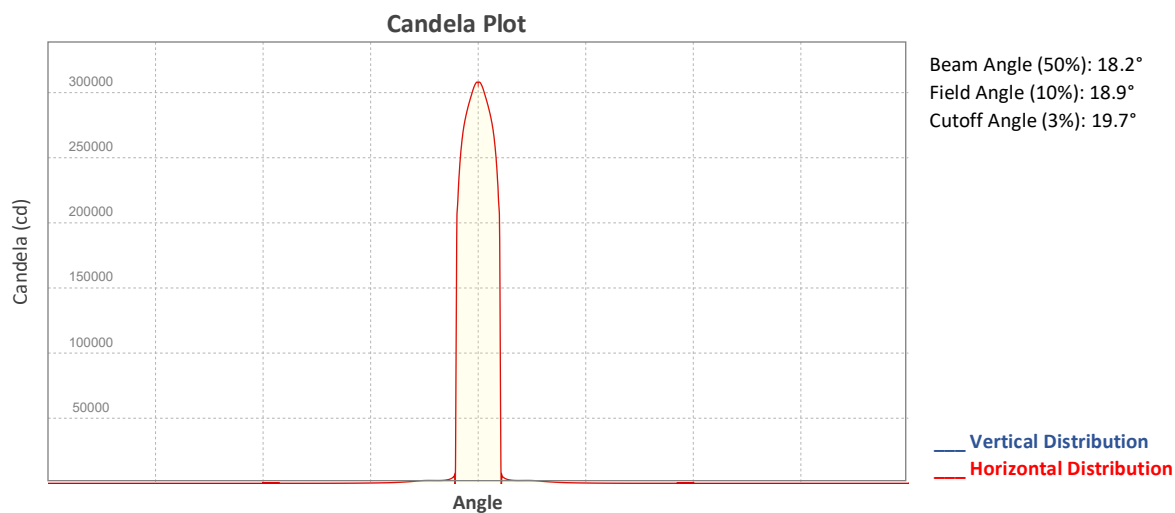


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	307677	76919	34186	19230	12307	8547	6279	4807	3798	3077
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2543	2137	1821	1570	1367	1202	1065	950	852	769
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	28584	7146	3176	1787	1143	794	583	447	353	286
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	236	199	169	146	127	112	99	88	79	71

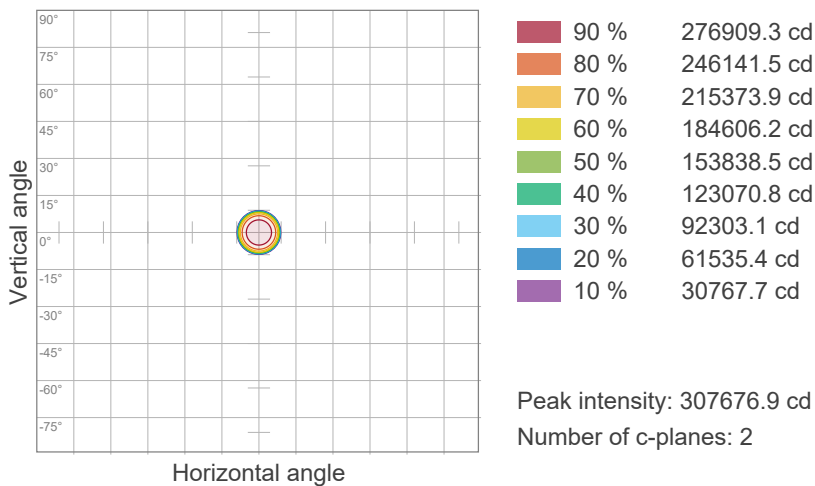
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CRI - Full Power

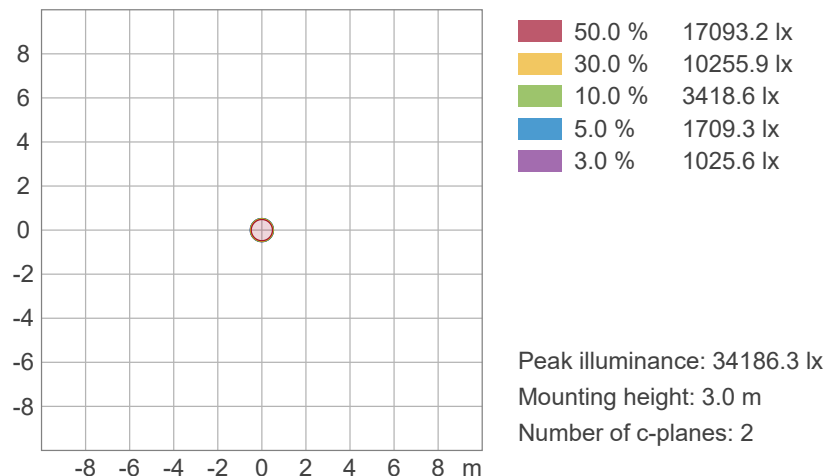


ISO Diagrams

ISO Candela Diagram



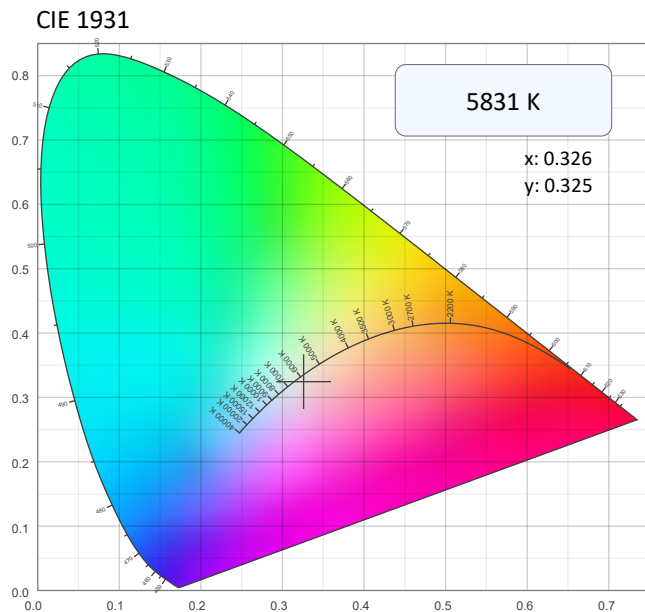
ISO Lux Diagram



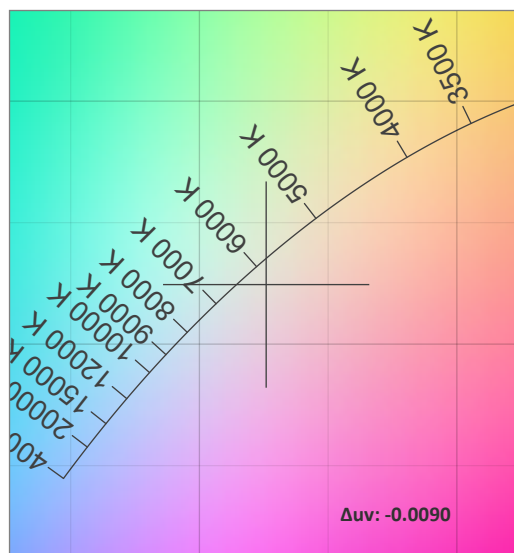
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CRI - Full Power

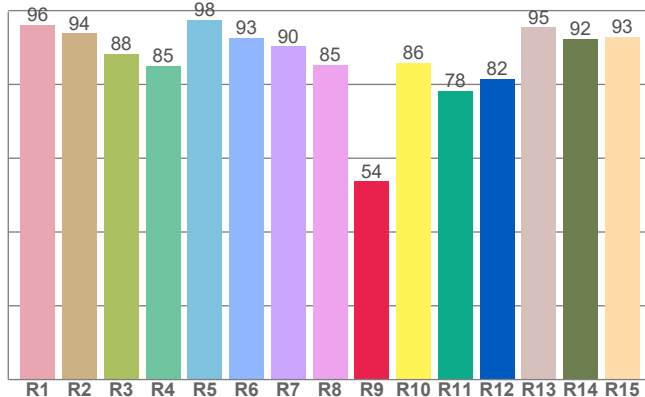
Chromaticity



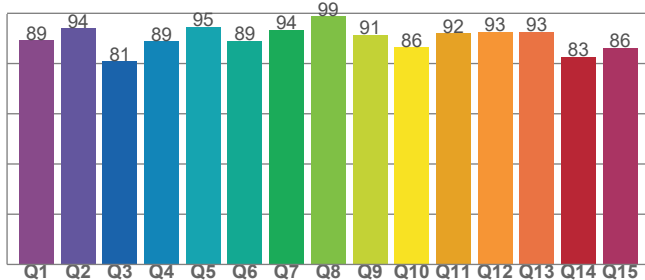
CIE 1931 - Zoom



CRI: 91.1 (R1-R8)



CQS: 89.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5831 K	0.326	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0090	0.325	0.209

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.1	53.7	89.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
79	88.0	105.5

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/CRI - Full Power

TM-30 Details

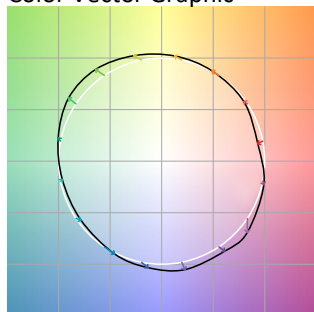
Rf 88.0

Fidelity Index
(Rg)

Rg 105.5

Gamut Index (Rg)

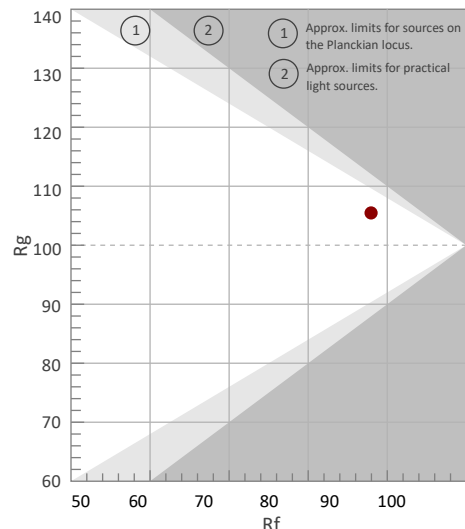
Color Vector Graphic



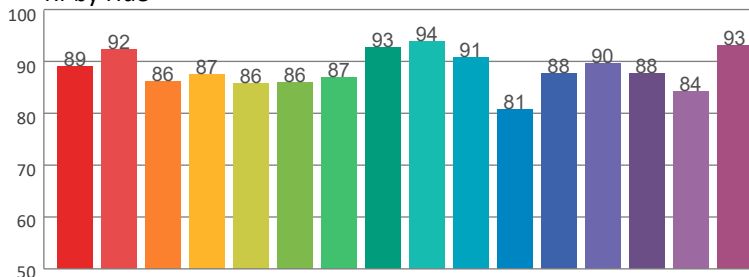
Color Distortion Graphic



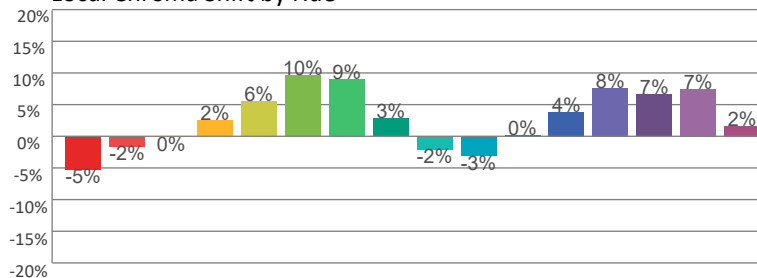
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	89	-5%	-2%
2	92	-2%	4%
3	86	0%	8%
4	87	2%	7%
5	86	6%	6%
6	86	10%	4%
7	87	9%	-1%
8	93	3%	-3%
9	94	-2%	-1%
10	91	-3%	4%
11	81	0%	12%
12	88	4%	7%
13	90	8%	2%
14	88	7%	2%
15	84	7%	-11%
16	93	2%	-3%



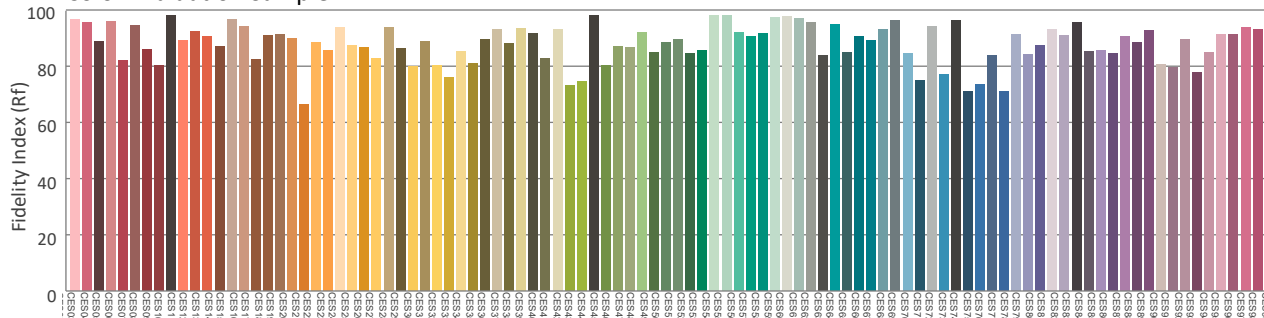
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Cyan - Full Power

Report Summary

Measurements

Fixture Output: 7200 lm

Fixture Peak: 93302 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 3732 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%): 18°

Field Angle (10%): 19.1°

Cutoff Angle (3%): 20°

Conditions

AC Supply: 111 V, 60 Hz

Power: 0.0 W

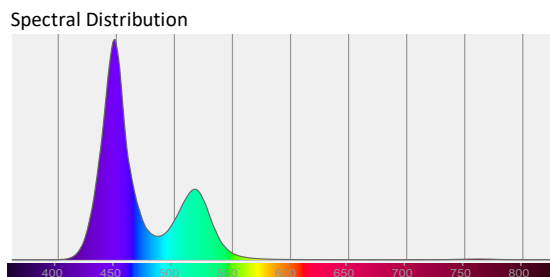
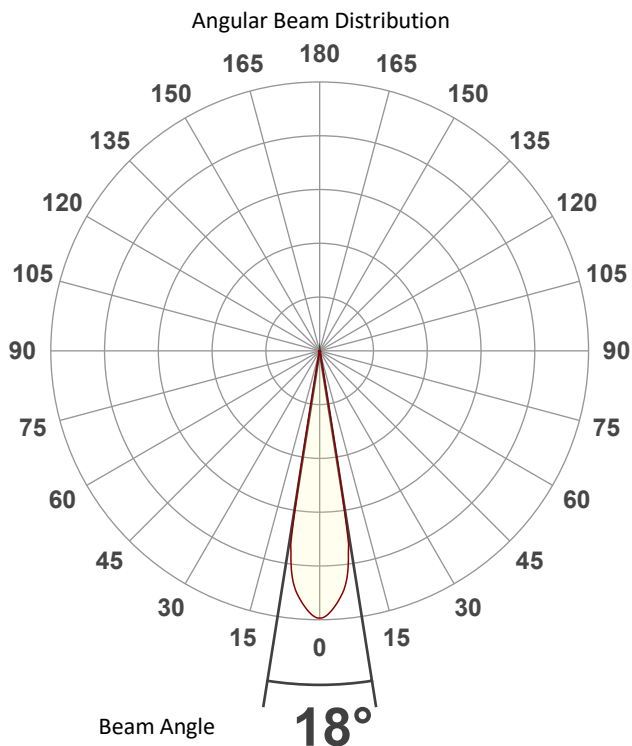
Current: 0.000 A

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 9/23/2025 to LM-63-2002 Standards.

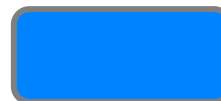
Overall Measurement



Tested Color (CIE 1931):

X: 0.147

Y: 0.135

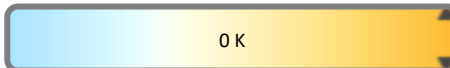


Light Quality

CRI: 0.0

Color Temperature

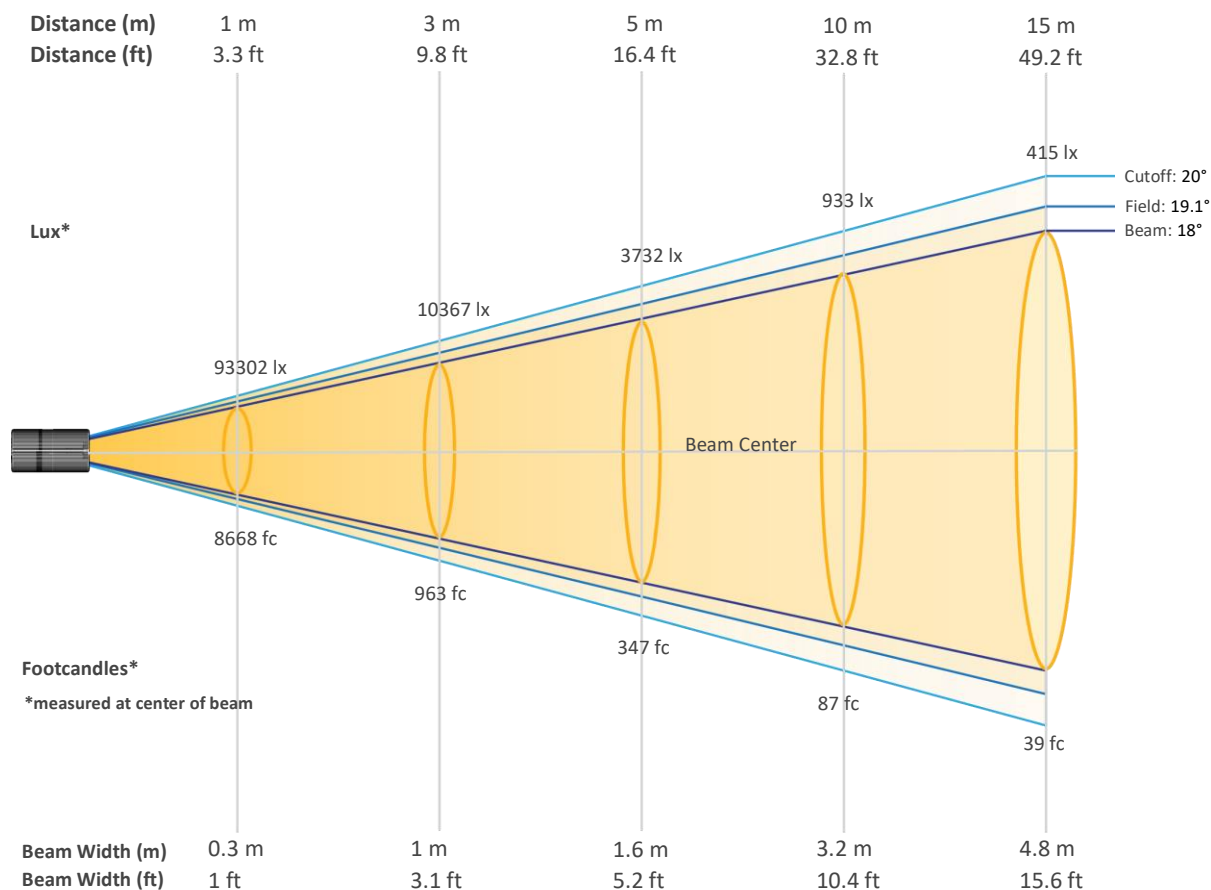
0 K



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Cyan - Full Power

Beam Details

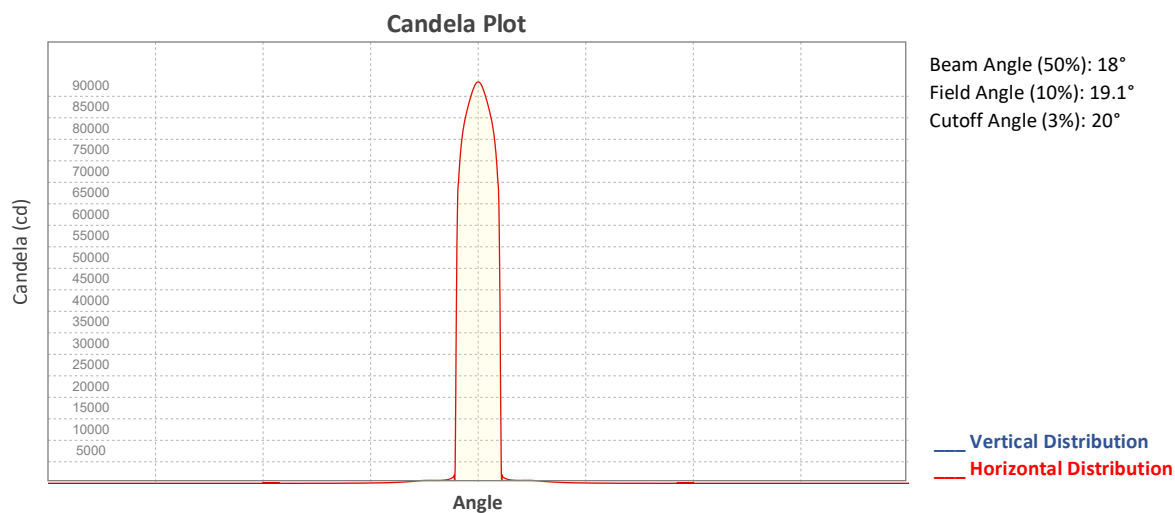


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	93302	23325	10367	5831	3732	2592	1904	1458	1152	933
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	771	648	552	476	415	364	323	288	258	233
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8668	2167	963	542	347	241	177	135	107	87
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	72	60	51	44	39	34	30	27	24	22

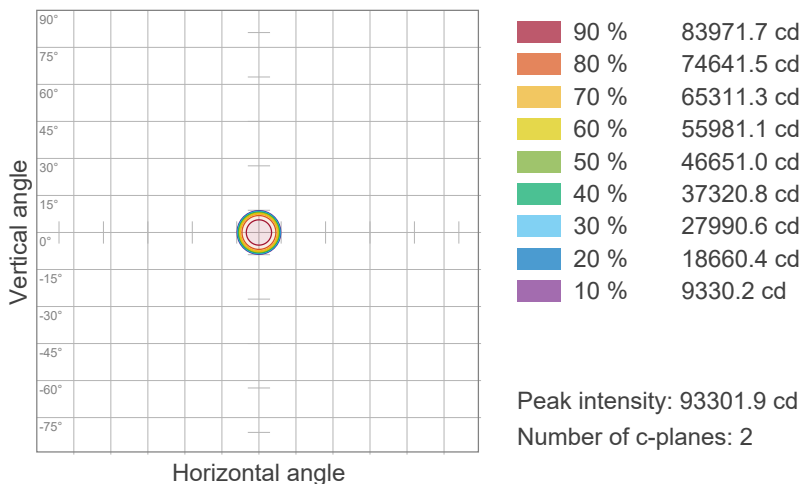
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Cyan - Full Power

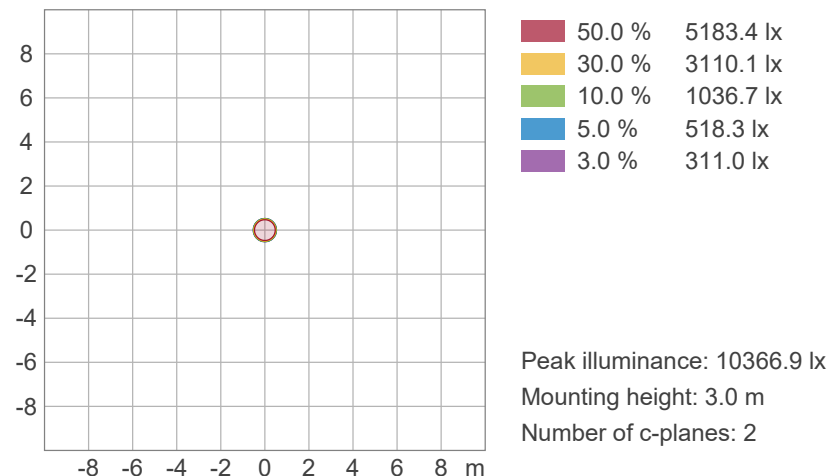


ISO Diagrams

ISO Candela Diagram



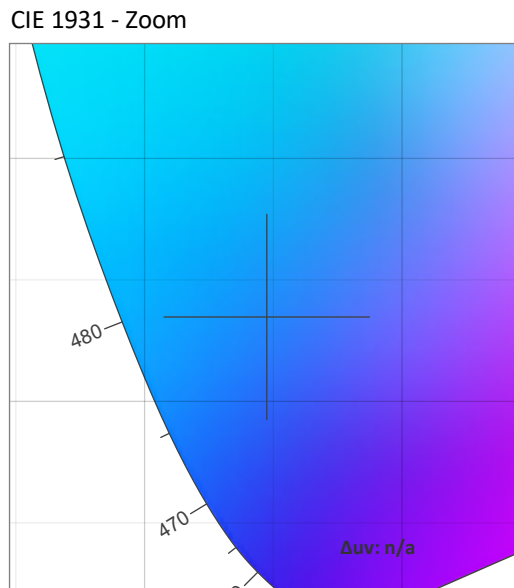
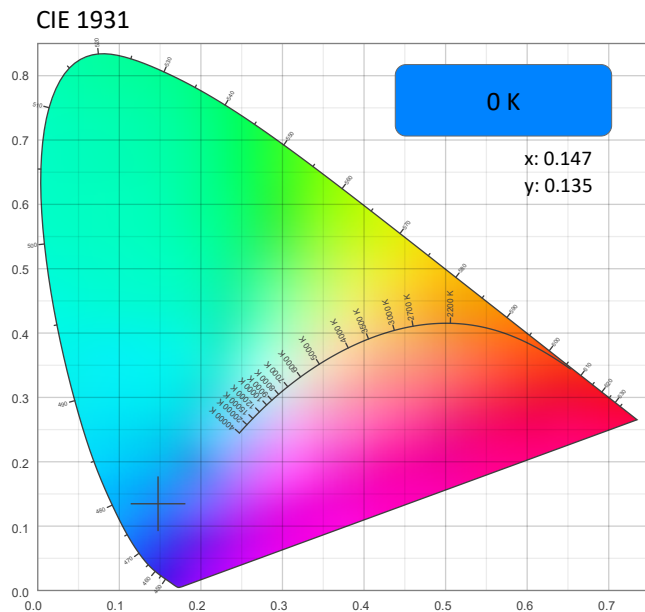
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Cyan - Full Power

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	0.147	0.135

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.135	0.136

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 Profile: 50% Zoom-w/Cyan - Full Power

TM-30 Details

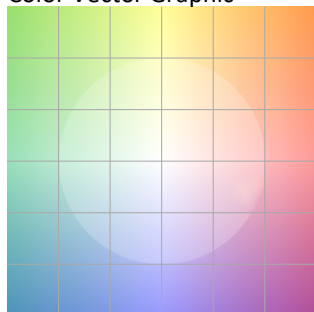
Rf 0.0

Fidelity Index
(Rg)

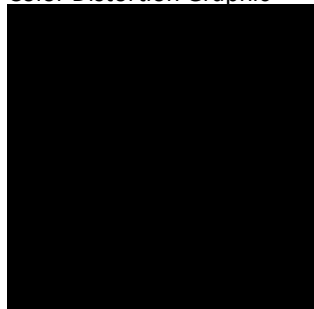
Rg 0.0

Gammut Index (Rg)

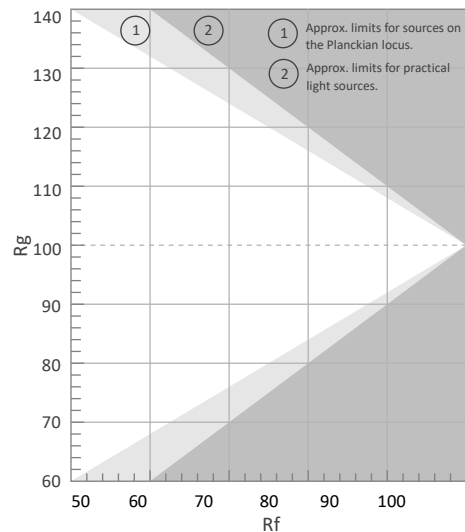
Color Vector Graphic



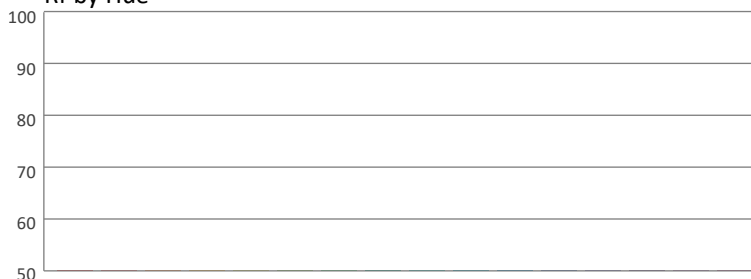
Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Yellow - Full Power

Report Summary

Measurements

Fixture Output: 27540 lm
Fixture Peak: 361262 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 14450 lux
Color Temperature: 3129 K
CRI: 31.2 CRI R9 Value: -112.3
CQS: 0.2
TLCI: 2
TM-30 Rf: 15.0
TM-30 Rg: 11.7
Beam Angle (50%): 18.1°
Field Angle (10%): 19°
Cutoff Angle (3%): 19.9°

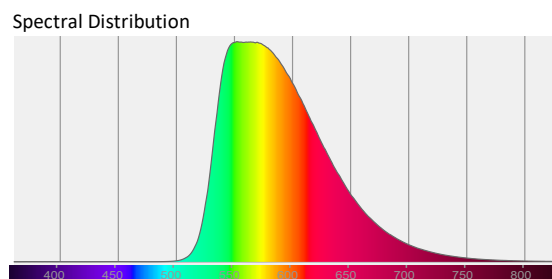
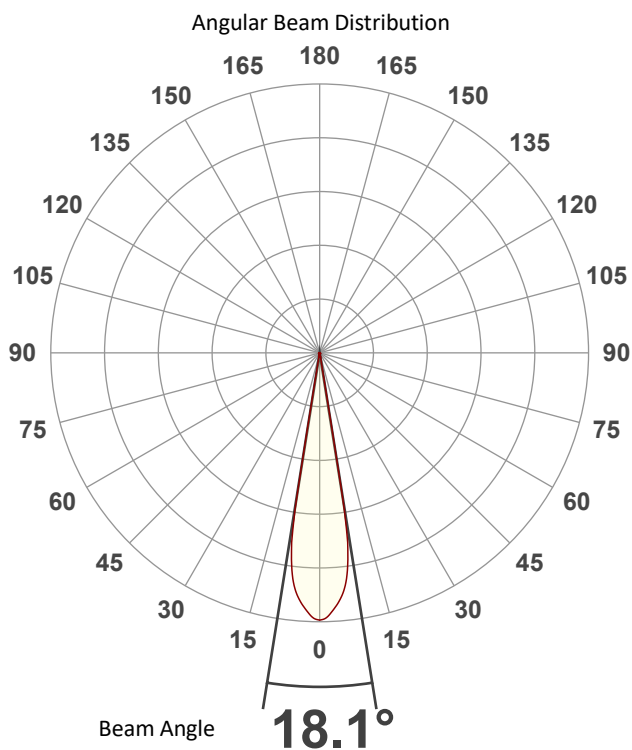
Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 9/23/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.480

Y: 0.514



Light Quality

CRI: 31.2

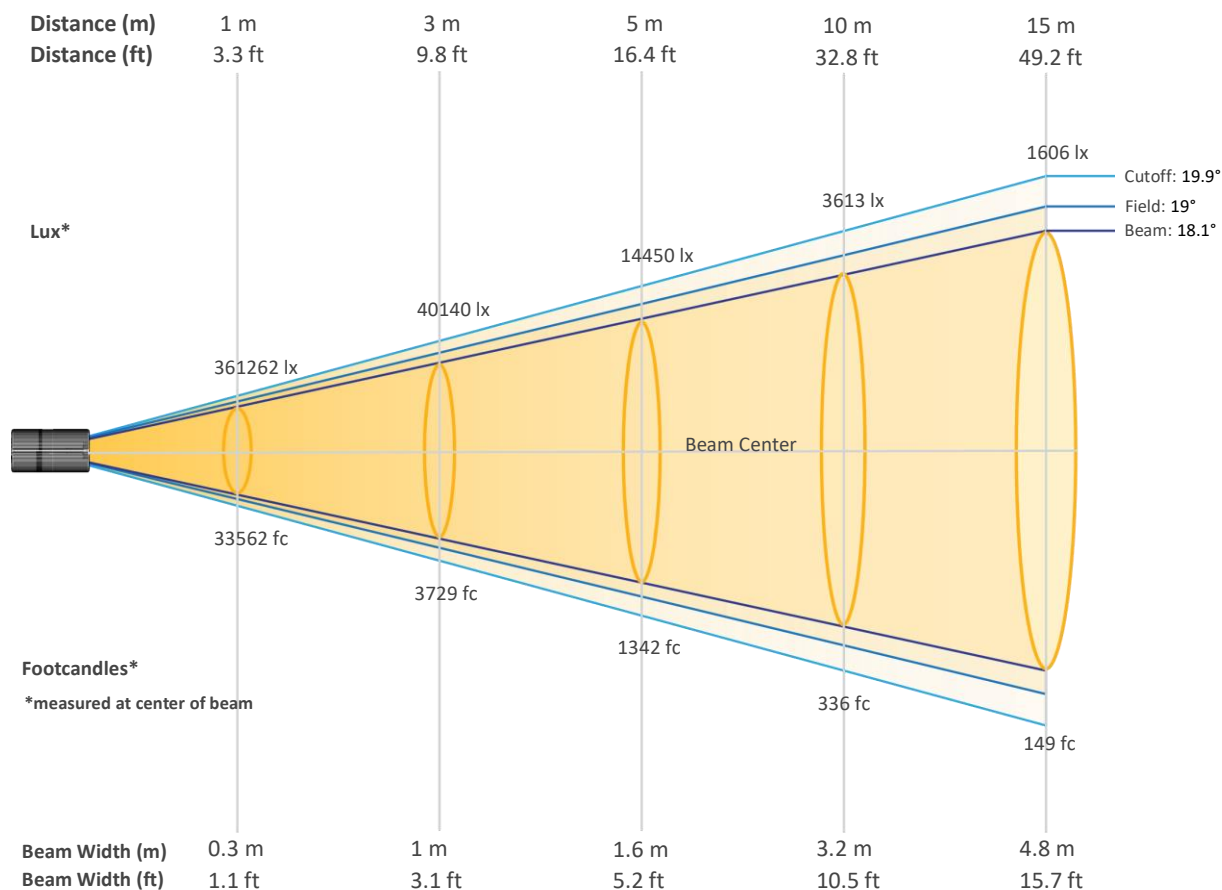
Color Temperature

3129 K

Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Yellow - Full Power

Beam Details

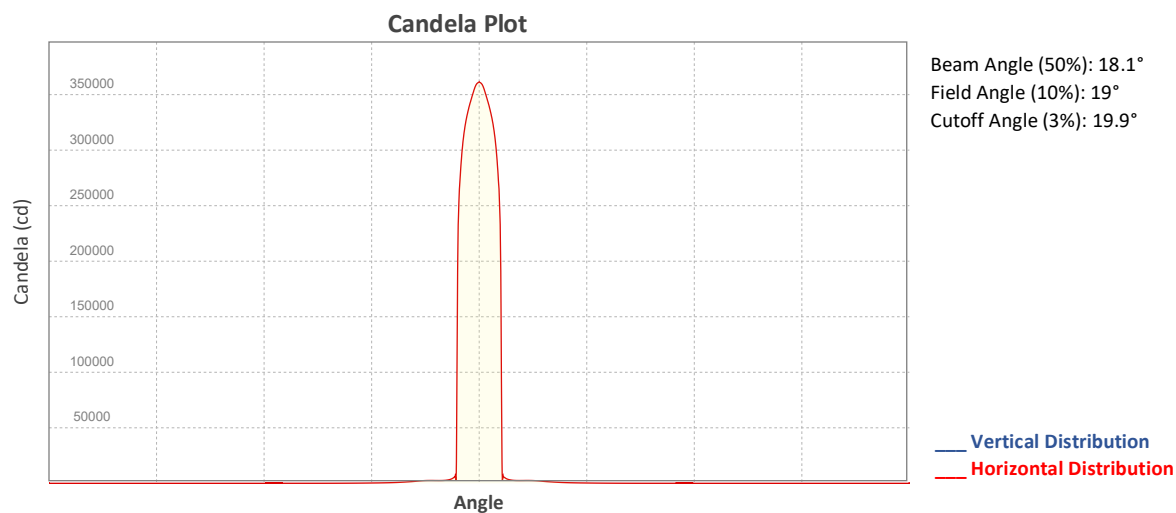


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	361262	90316	40140	22579	14450	10035	7373	5645	4460	3613
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2986	2509	2138	1843	1606	1411	1250	1115	1001	903
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	33562	8391	3729	2098	1342	932	685	524	414	336
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	277	233	199	171	149	131	116	104	93	84

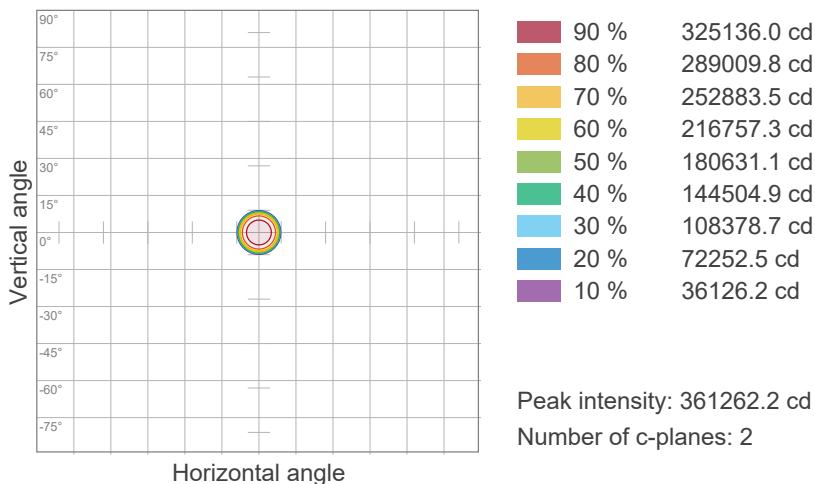
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Yellow - Full Power

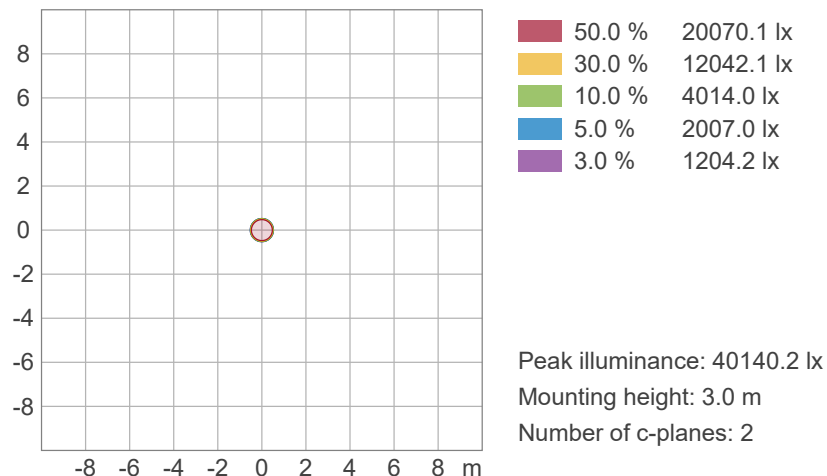


ISO Diagrams

ISO Candela Diagram



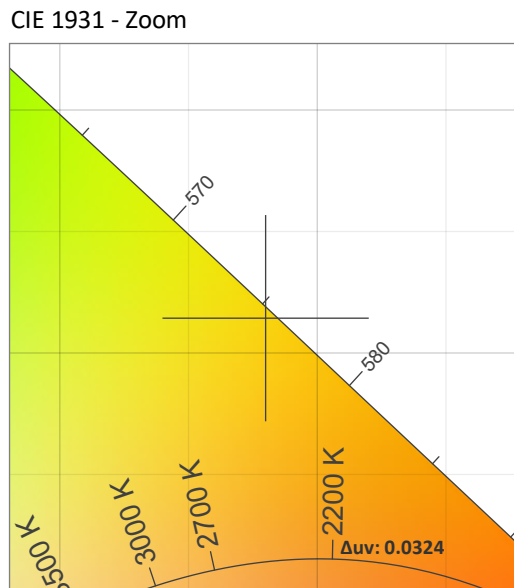
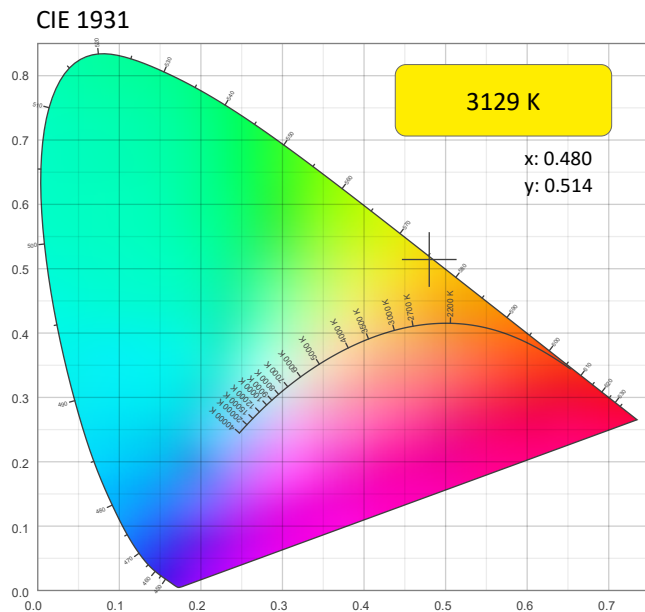
ISO Lux Diagram



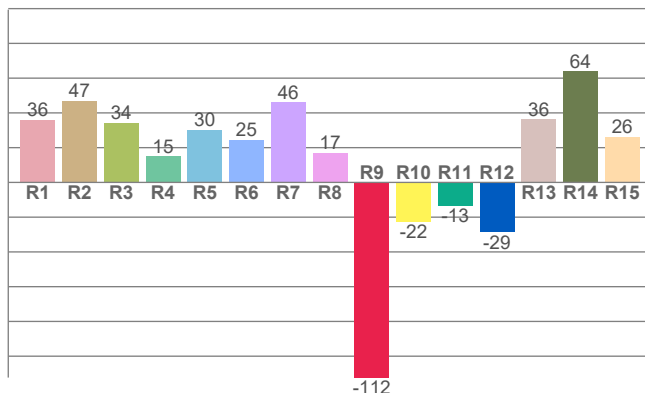
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Yellow - Full Power

Chromaticity



CRI: 31.2 (R1-R8)



Color Parameters

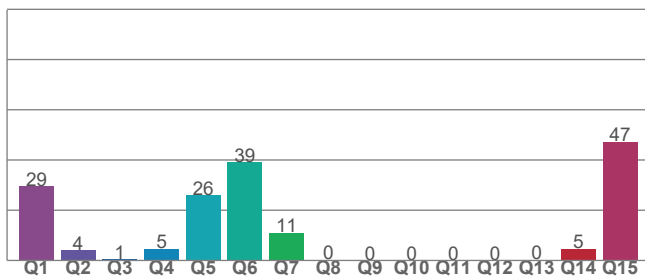
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3129 K	0.480	0.514

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0324	0.514	0.234

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
31.2	-112.3	0.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	15.0	11.7

CQS: 0.2



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Yellow - Full Power

TM-30 Details

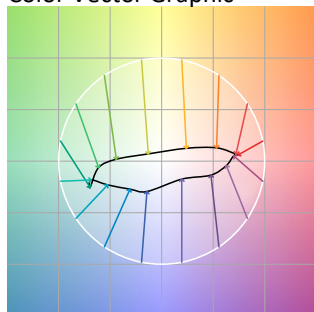
Rf 15.0

Fidelity Index
(Rg)

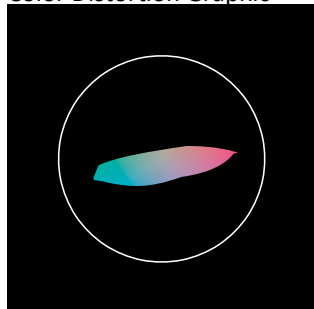
Rg 11.7

Gammut Index (Rg)

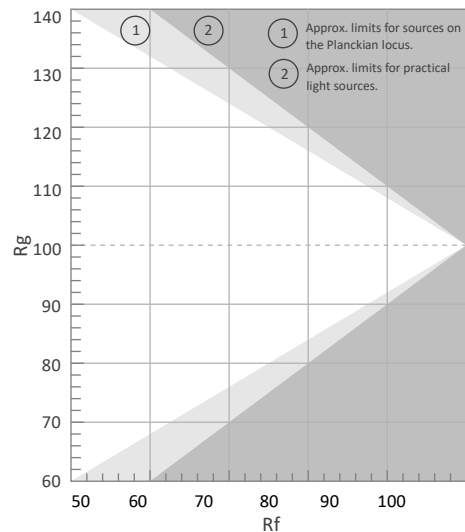
Color Vector Graphic



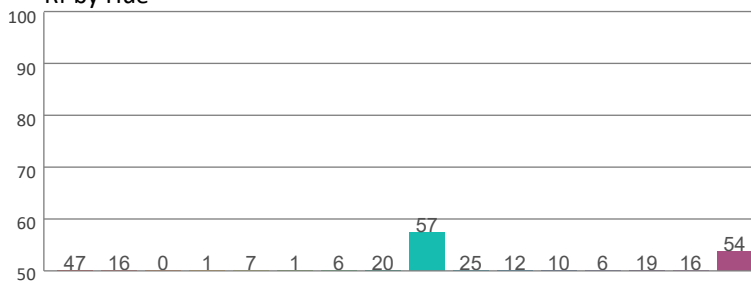
Color Distortion Graphic



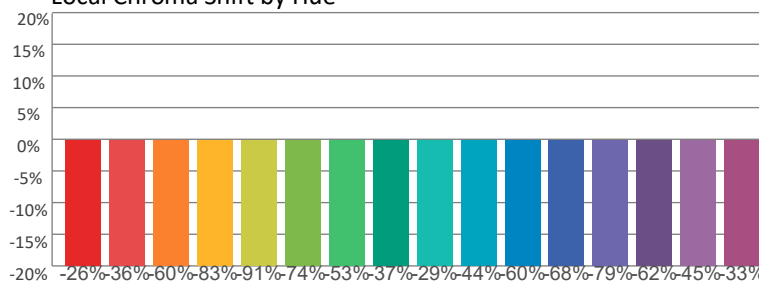
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	47	-26%	-9%
2	16	-36%	-34%
3	0	-60%	-37%
4	1	-83%	-21%
5	7	-91%	11%
6	1	-74%	36%
7	6	-53%	39%
8	20	-37%	39%
9	57	-29%	5%
10	25	-44%	-10%
11	12	-60%	-10%
12	10	-68%	-8%
13	6	-79%	16%
14	19	-62%	32%
15	16	-45%	31%
16	54	-33%	19%



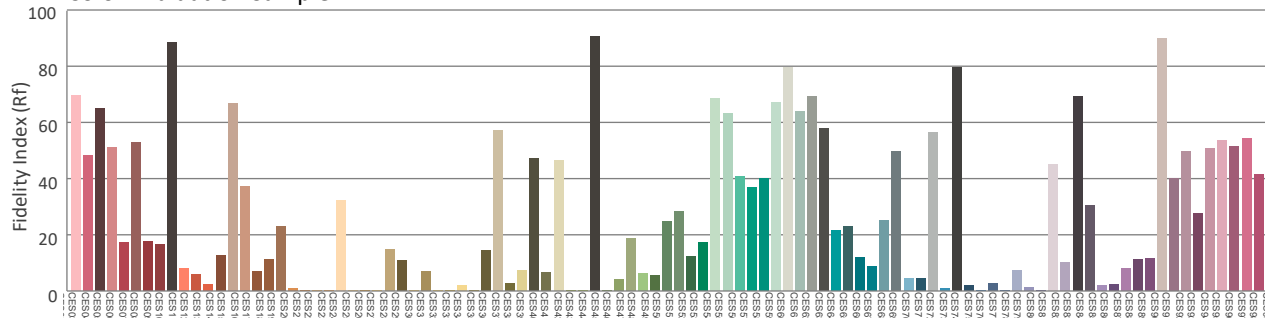
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Magenta - Full Power

Report Summary

Measurements

Fixture Output: 1302 lm

Fixture Peak: 17499 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 700 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%): 17.9°

Field Angle (10%): 19.2°

Cutoff Angle (3%): 19.5°

Conditions

AC Supply: 111 V, 60 Hz

Power: 0.0 W

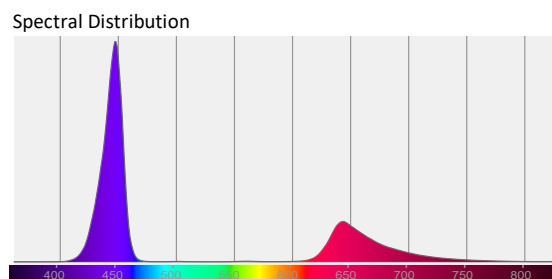
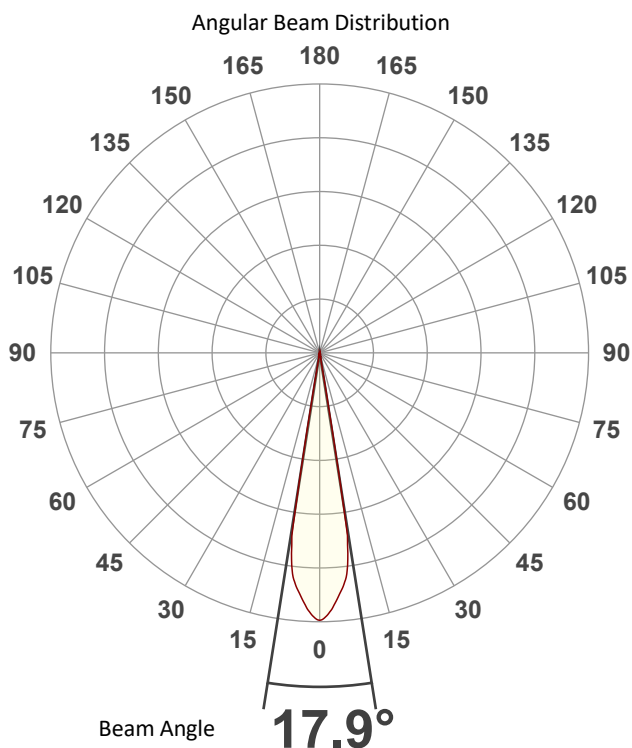
Current: 0.000 A

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 9/23/2025 to LM-63-2002 Standards.

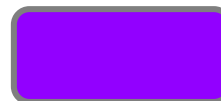
Overall Measurement



Tested Color (CIE 1931):

X: 0.203

Y: 0.038

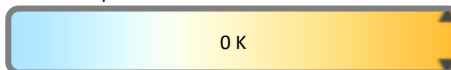


Light Quality

CRI: 0.0

Color Temperature

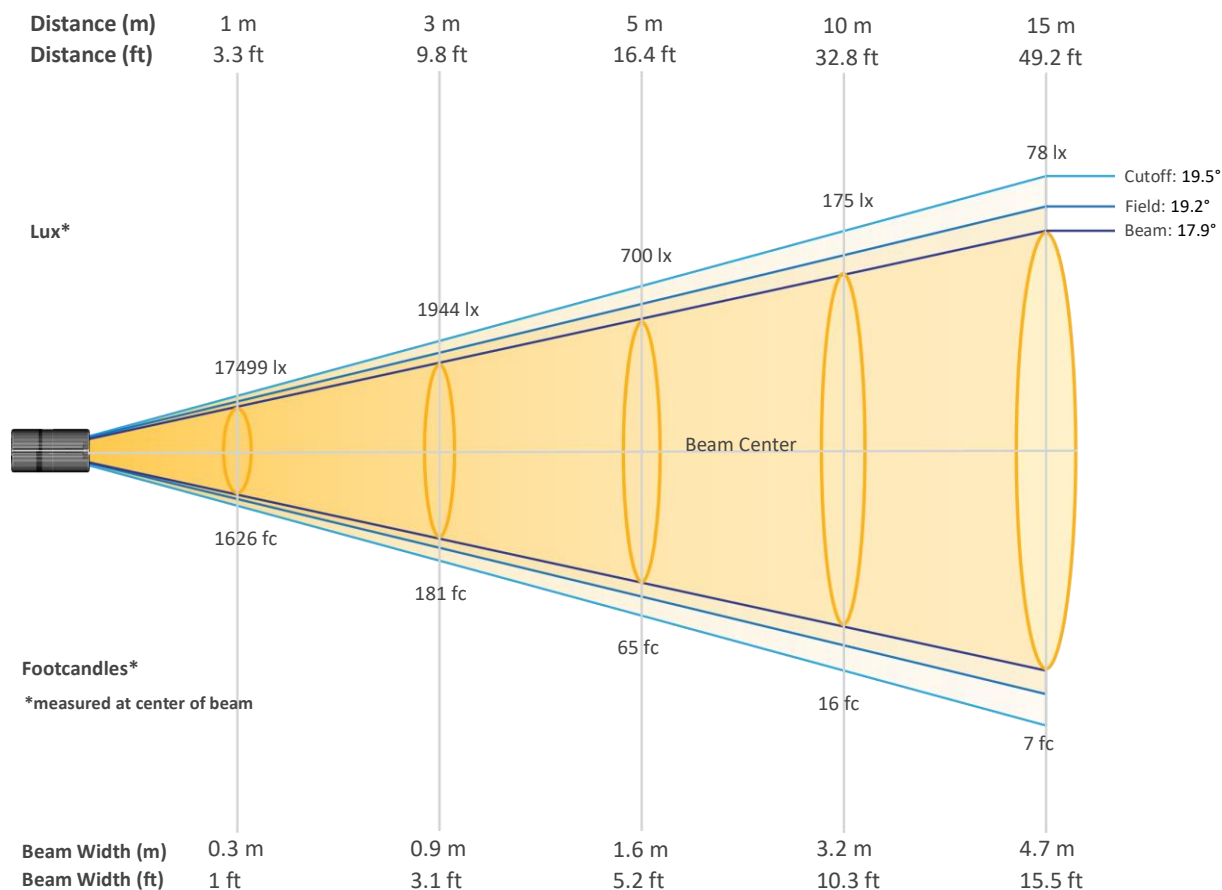
0 K



Photometric & Chromaticity Report

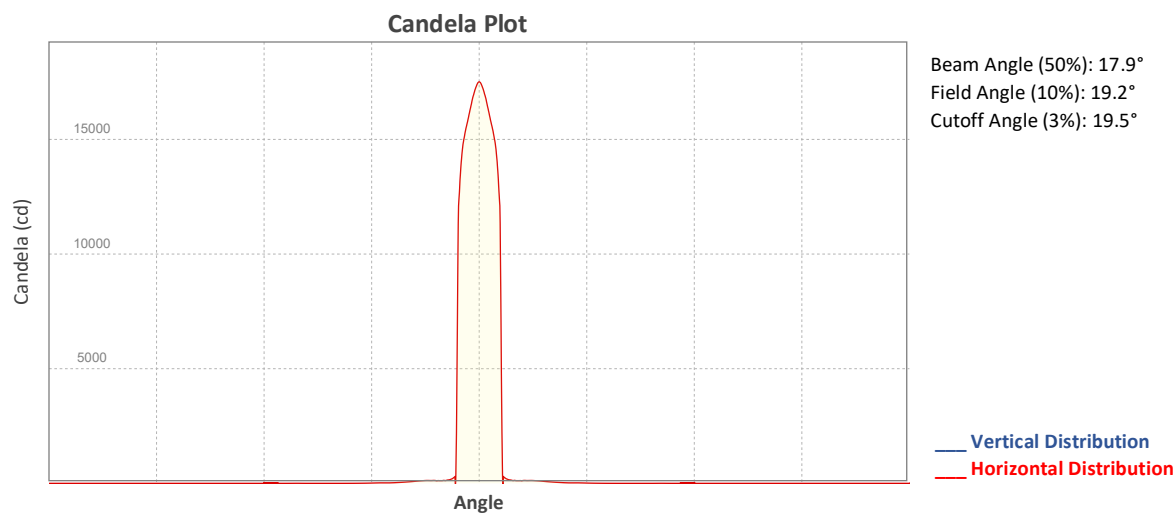
Maverick Storm 3 Profile: 50% Zoom-w/Magenta - Full Power

Beam Details



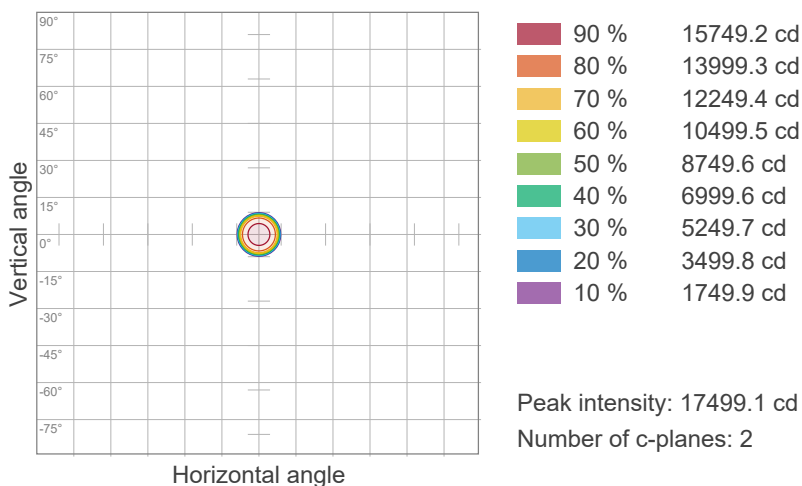
Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Magenta - Full Power

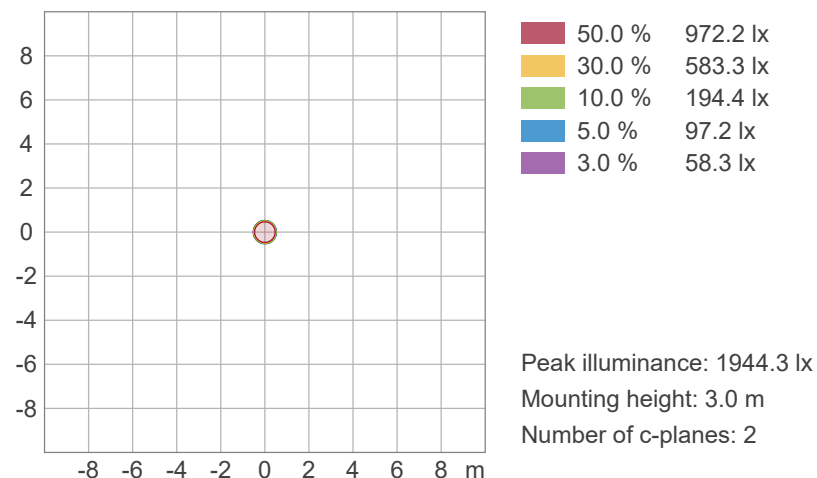


ISO Diagrams

ISO Candela Diagram



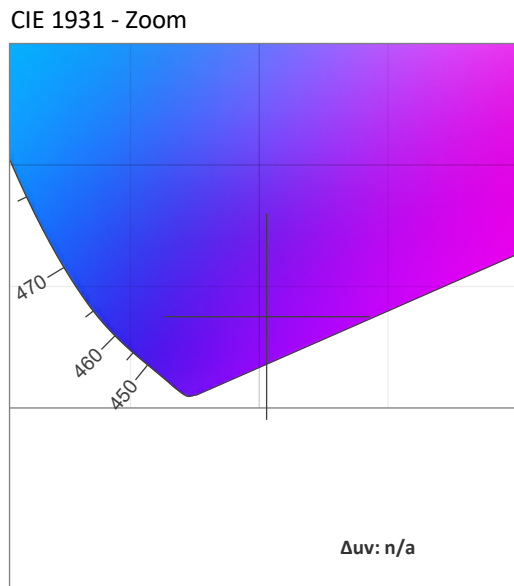
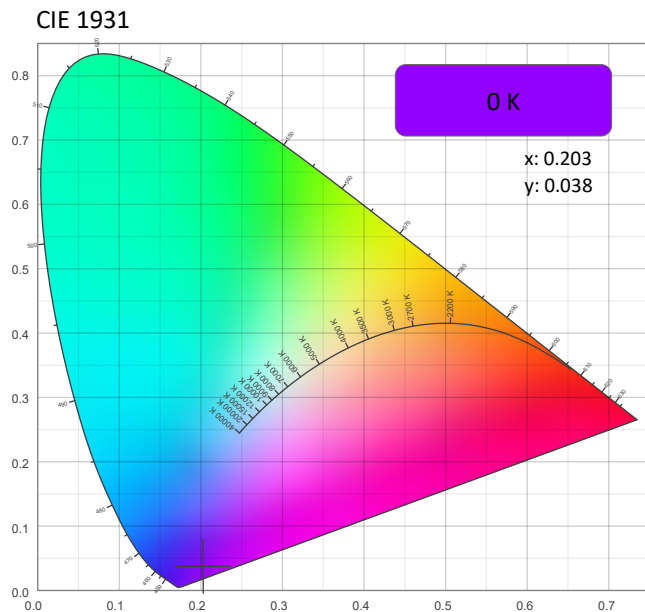
ISO Lux Diagram



Photometric & Chromaticity Report

Maverick Storm 3 Profile: 50% Zoom-w/Magenta - Full Power

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	0.203	0.038

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.038	0.266

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 Profile: 50% Zoom-w/Magenta - Full Power

TM-30 Details

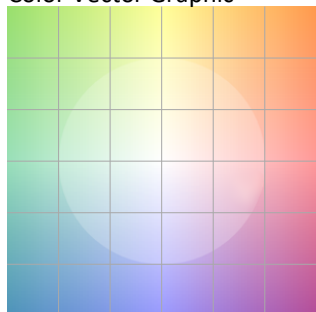
Rf 0.0

Fidelity Index
(Rg)

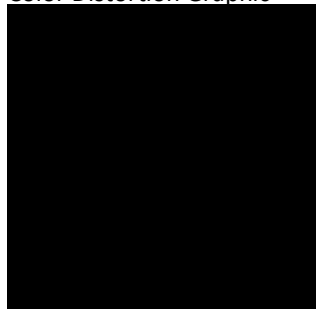
Rg 0.0

Gammut Index (Rg)

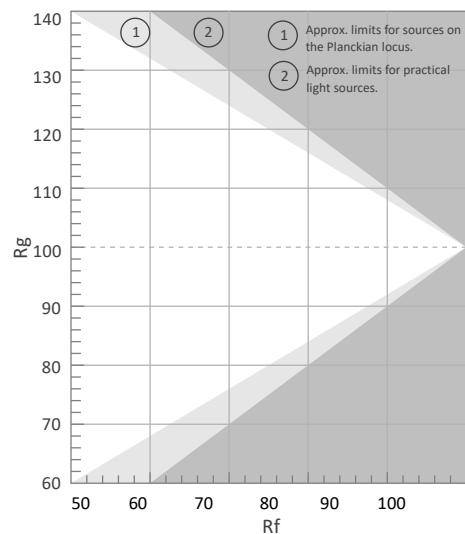
Color Vector Graphic



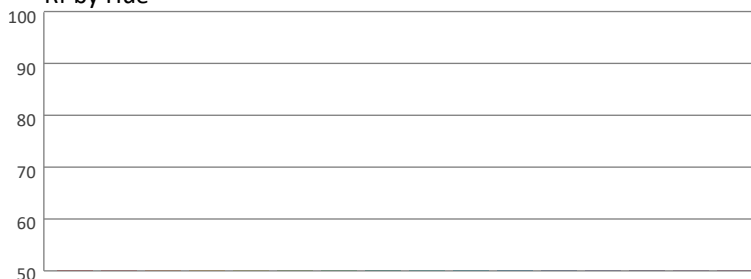
Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

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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.

