MAVERICK STORM 1 BEAM

PHOTOMETRICS REPORT

CHAUVET PROFESSIONAL

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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 Sunrise, Florida has a climate- and light-controlled photometric testing laboratory where Chauvet products are analyzed and photometric data are measured using the Viso Systems LabSpion® light measurement solution.

This system includes a spectrometer sensor, which measures the precise light and color output of the fixture, and a two-axis goniometer, which rotates the product to allow for multi-angle and multi-directional measurement. The Viso Light Inspector software then collects and summarizes the data. From the data gathered, the software can also measure the beam and field angles, accurate color temperature, color quality, and illuminance at multiple distances. The custom-built, Chauvet-specific template presents this information in the photometric and chromaticity reports that follow.

IES (Illuminating Engineering Society) files, an industry-standard file format, are also generated from each test for easy distribution of photometric data.

Several light meters are also used for specific products or to recheck for precision. Accuracy is verified using one or more of the devices listed below:

- Sekonic SpectroMaster C-700-U
- EXTECH HD450 Datalogging Heavy Duty Light Meter
- Asensetek Essence Lighting Passport

To ensure accurate measurements in every photometric or chromaticity test, Chauvet routinely calibrates the LabSpion® system every six months as recommended by Viso Systems.

MAVERICK STORM 1 BEAM

Photometrics & Chromaticity Reports

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Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power

Report Summary

Measurements

Fixture Output: 30639 lm
Fixture Peak: 42909564 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1716382 lux
Color Temperature: 7191 K
CRI: 81.1 CRI R9 Value: 12.3
CQS: 76.6
TLCI: 59
TM-30 Rf: 82.1
TM-30 Rg: 94.0
Beam Angle (50%): 1.3°
Field Angle (10%): 2.3°
Cutoff Angle (3%): 3°

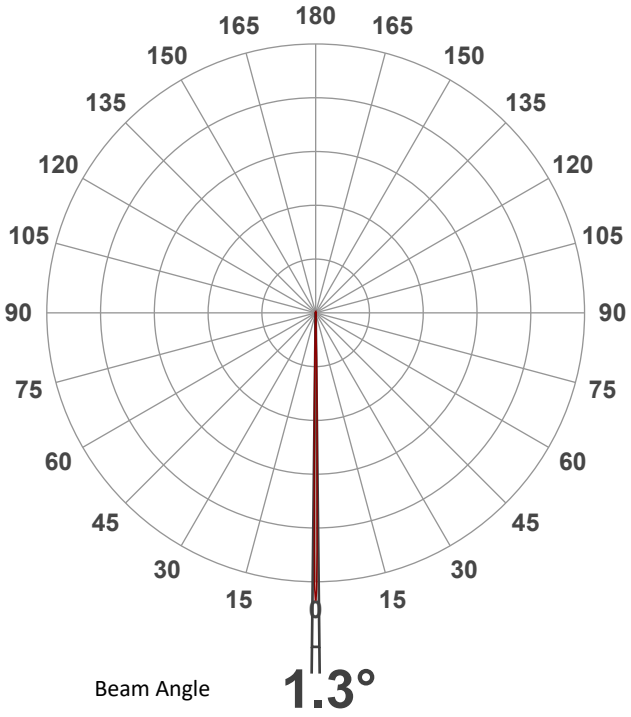
Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/21/2023 to LM-63-2002 Standards.

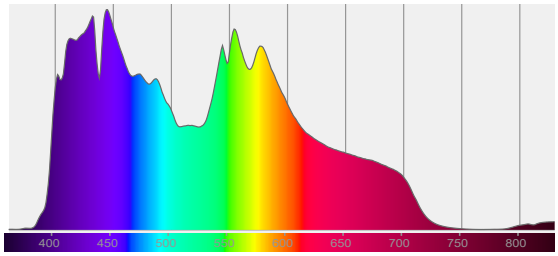
Overall Measurement

Angular Beam Distribution



Beam Angle 1.3°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.305
Y: 0.311

Light Quality

CRI: 81.1

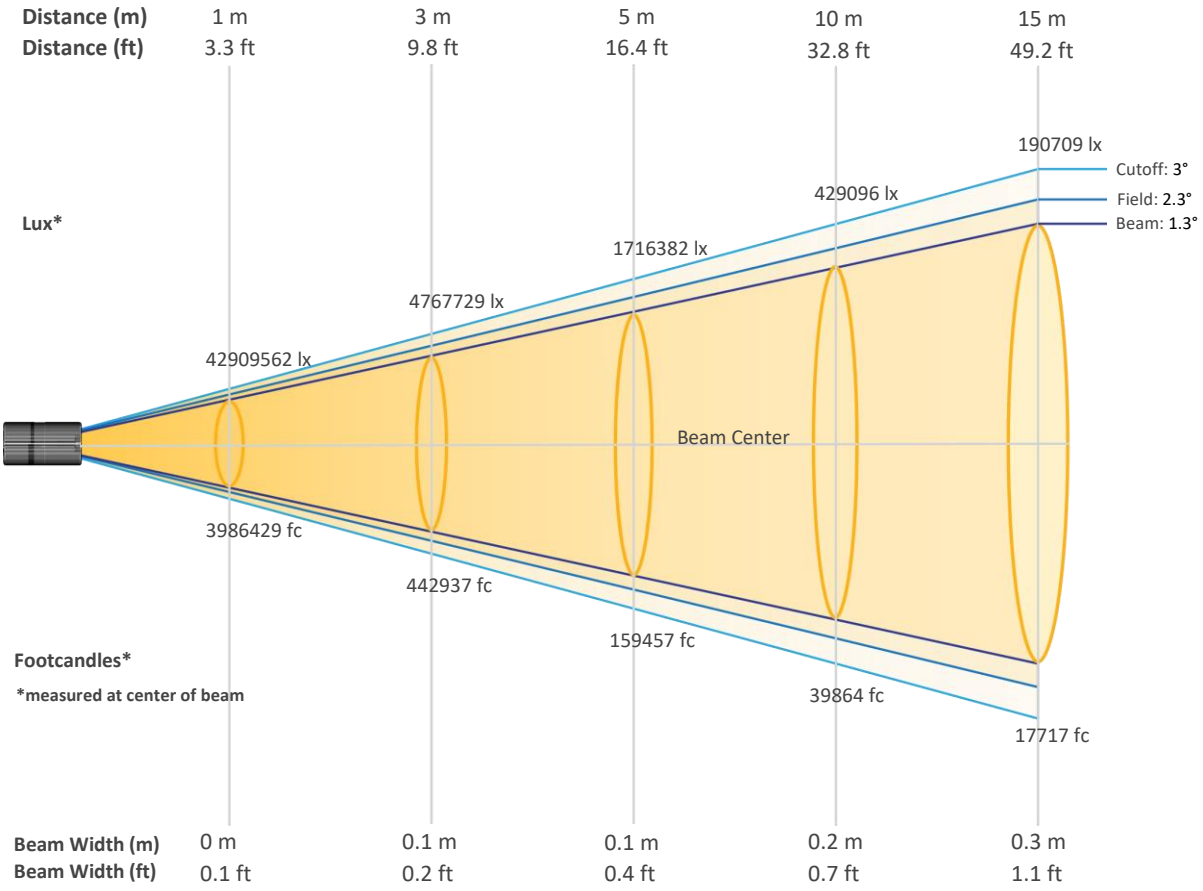
Color Temperature

7191 K

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power

Beam Details



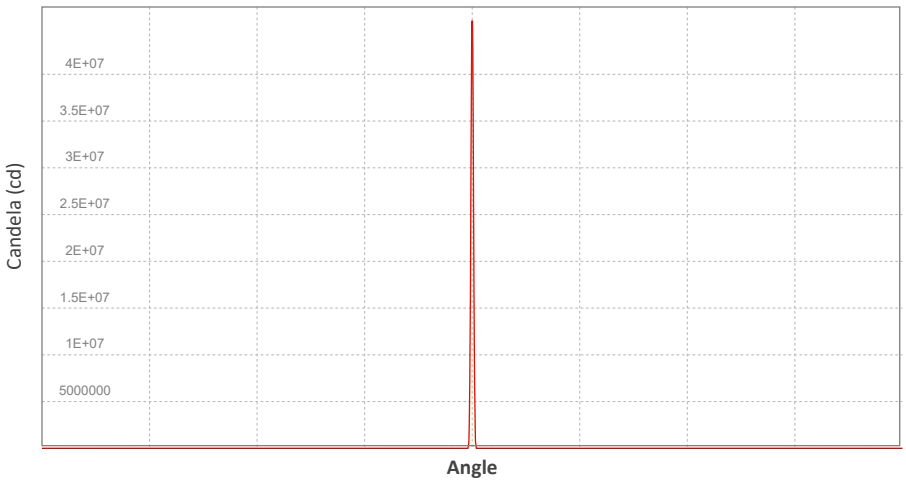
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	42909562	10727391	4767729	2681848	1716382	1191932	875705	670462	529748	429096
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	354624	297983	253903	218926	190709	167615	148476	132437	118863	107274
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3986429	996607	442937	249152	159457	110734	81356	62288	49215	39864
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	32946	27684	23588	20339	17717	15572	13794	12304	11043	9966

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power

Candela Plot

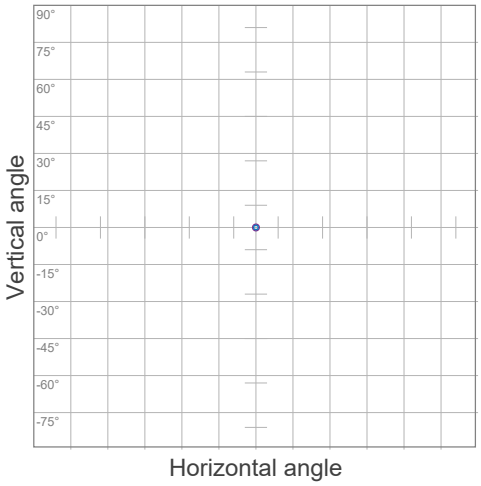


Beam Angle (50%): 1.3°
Field Angle (10%): 2.3°
Cutoff Angle (3%): 3°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

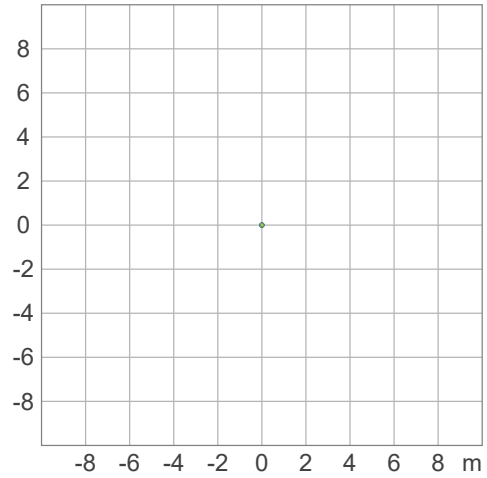
ISO Candela Diagram



90 %	38618610.0 cd
80 %	34327650.0 cd
70 %	30036690.0 cd
60 %	25745740.0 cd
50 %	21454780.0 cd
40 %	17163830.0 cd
30 %	12872870.0 cd
20 %	8581913.0 cd
10 %	4290957.0 cd

Peak intensity: 42909560.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	2383865.0 lx
30.0 %	1430319.0 lx
10.0 %	476772.9 lx
5.0 %	238386.5 lx
3.0 %	143031.9 lx

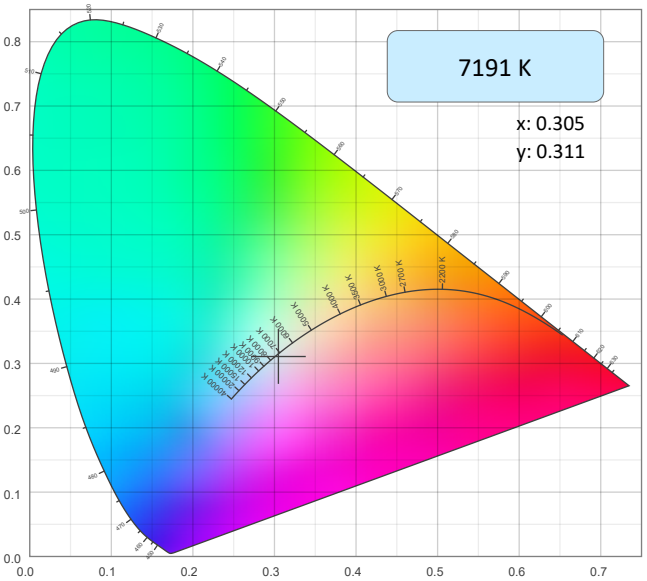
Peak illuminance: 4767729.3 lx
Mounting height: 3.0 m
Number of c-planes: 2

Photometric & Chromaticity Report

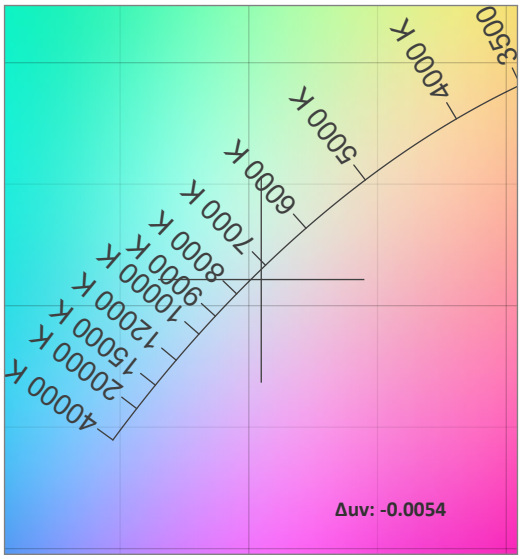
Maverick Storm 1 Beam : Beam - Full Power

Chromaticity

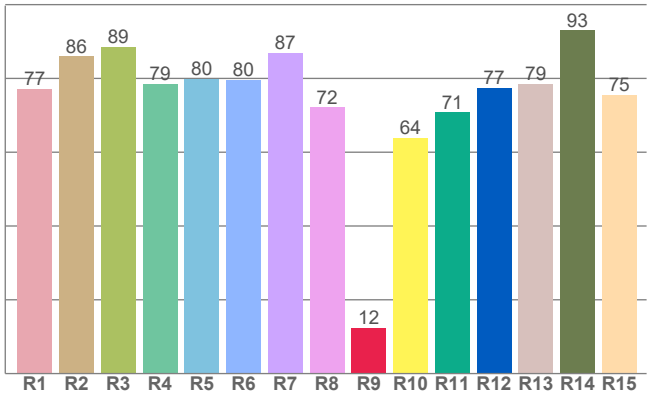
CIE 1931



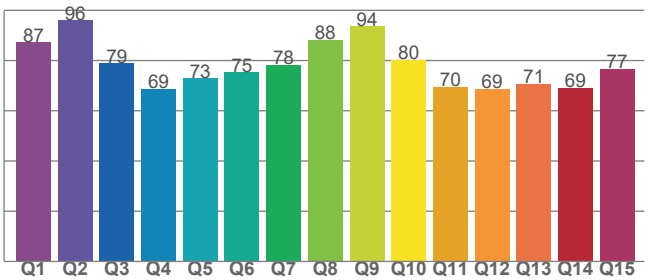
CIE 1931 - Zoom



CRI: 81.1 (R1-R8)



CQS: 76.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7191 K	0.305	0.311

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0054	0.311	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.1	12.3	76.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
59	82.1	94.0

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power

TM-30 Details

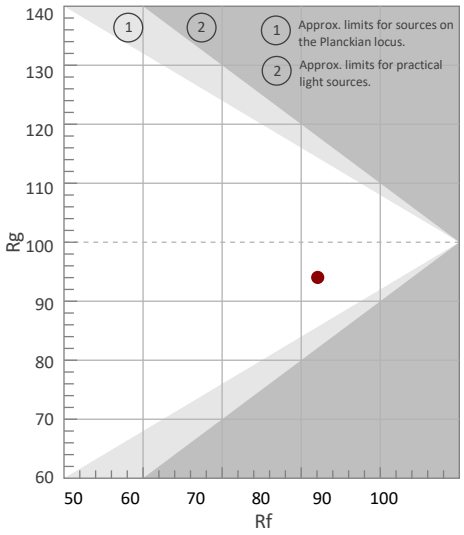
Rf 82.1

Fidelity Index (Rg)

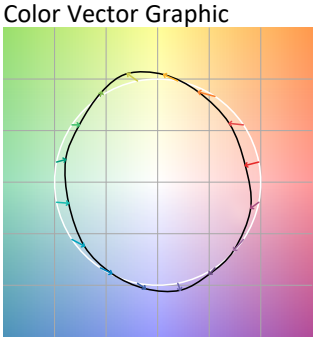
Rg 94.0

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	76	-13%	-1%
2	75	-11%	9%
3	74	-5%	16%
4	76	3%	15%
5	81	9%	8%
6	92	3%	-3%
7	88	-6%	-4%
8	84	-8%	-4%
9	86	-11%	3%
10	80	-6%	12%
11	74	-2%	12%
12	84	4%	8%
13	90	7%	1%
14	87	2%	-8%
15	82	-2%	-14%
16	84	-7%	-7%

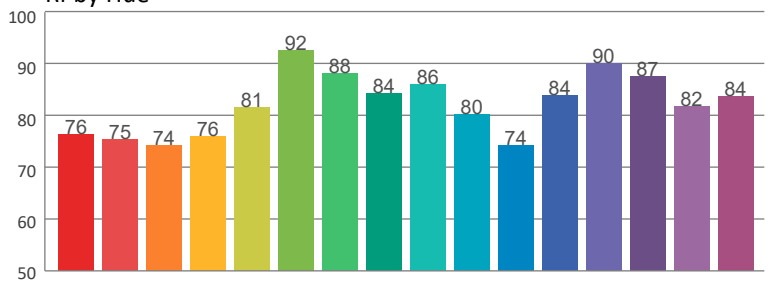


Color Vector Graphic

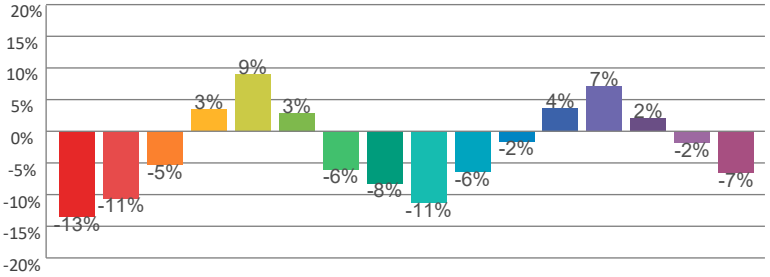


Color Distortion Graphic

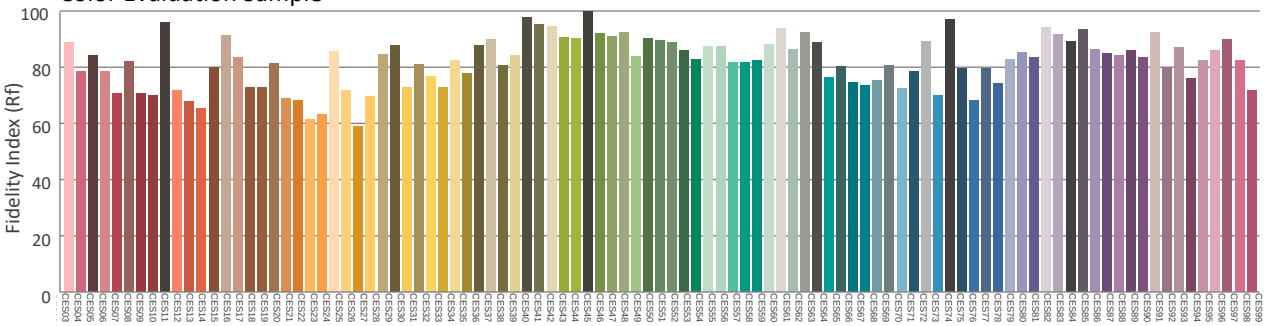
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power - Stable

Report Summary

Measurements

Fixture Output: 36297 lm
Fixture Peak: 38700880 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1548035 lux
Color Temperature: 7178 K
CRI: 80.1 CRI R9 Value: 7.7
CQS: 75.5
TLCI: 56
TM-30 Rf: 81.2
TM-30 Rg: 93.5
Beam Angle (50%): 1.1°
Field Angle (10%): 1.9°
Cutoff Angle (3%): 2.2°

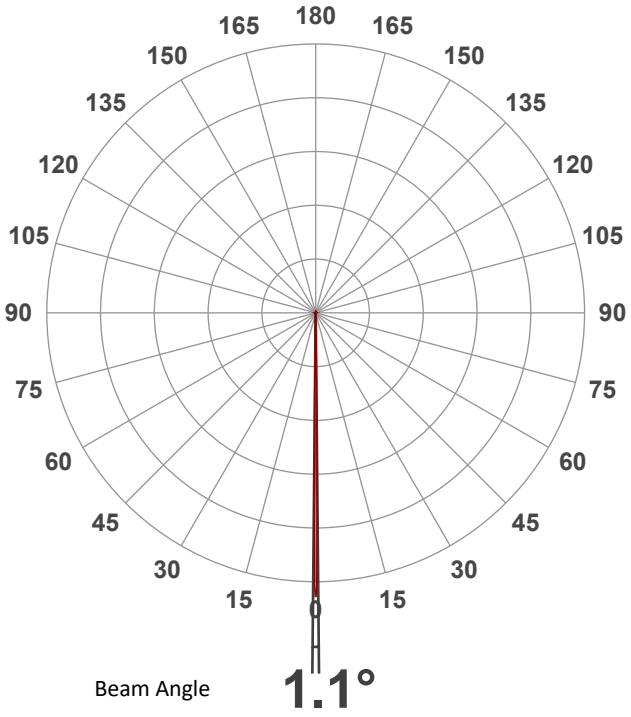
Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/21/2023 to LM-63-2002 Standards.

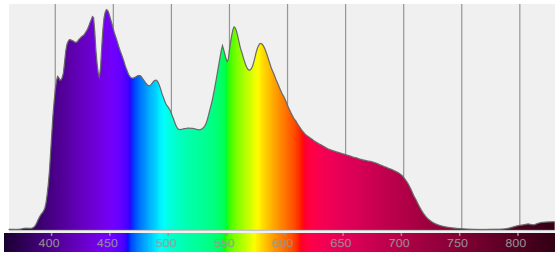
Overall Measurement

Angular Beam Distribution



Beam Angle 1.1°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.305
Y: 0.311

Light Quality

CRI: 80.1

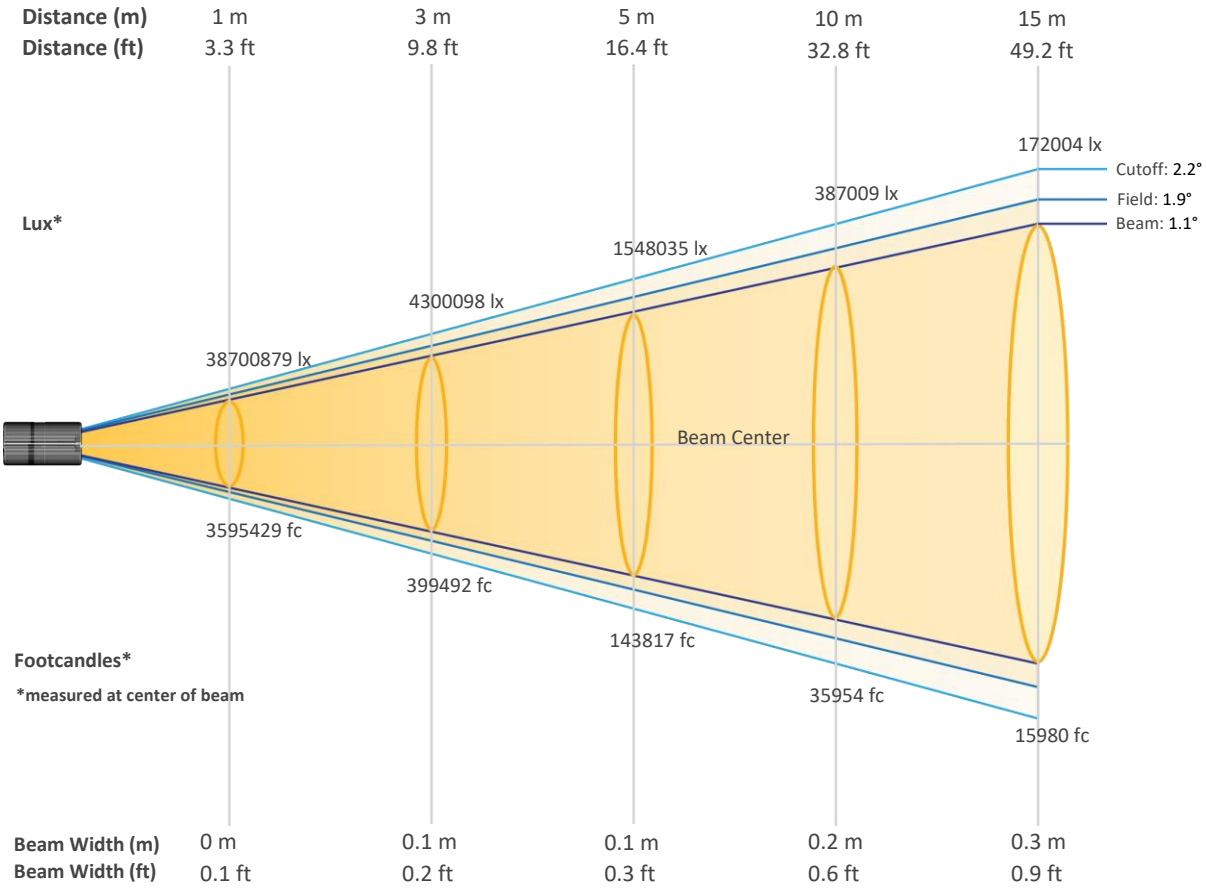
Color Temperature

7178 K

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power - Stable

Beam Details



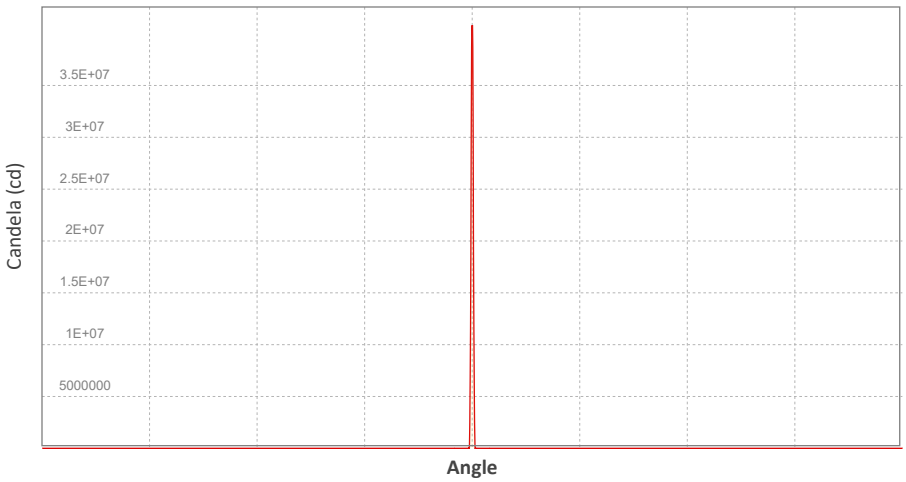
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	38700879	9675220	4300098	2418805	1548035	1075024	789814	604701	477789	387009
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	319842	268756	228999	197453	172004	151175	133913	119447	107205	96752
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3595429	898857	399492	224714	143817	99873	73376	56179	44388	35954
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	29714	24968	21275	18344	15980	14045	12441	11097	9960	8989

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power - Stable

Candela Plot

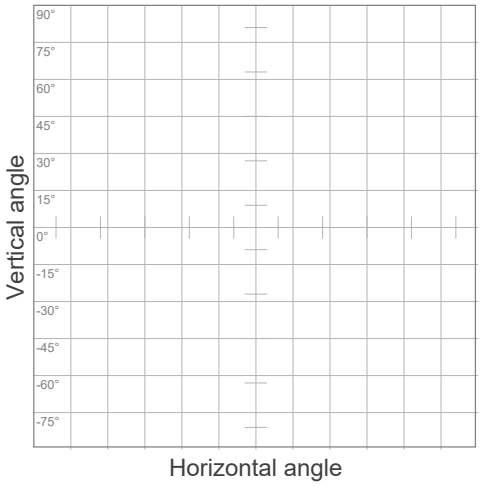


Beam Angle (50%): 1.1°
Field Angle (10%): 1.9°
Cutoff Angle (3%): 2.2°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

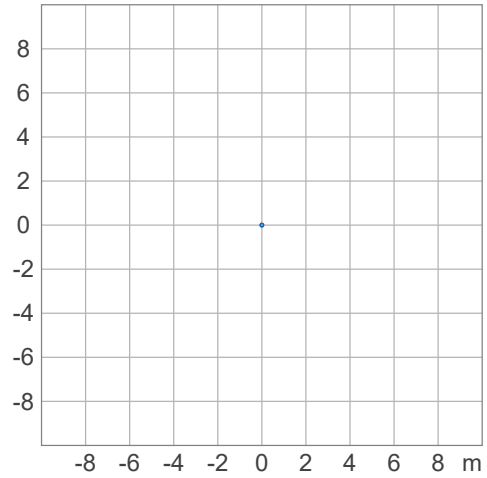
ISO Candela Diagram



90 %	34830790.0 cd
80 %	30960700.0 cd
70 %	27090620.0 cd
60 %	23220530.0 cd
50 %	19350440.0 cd
40 %	15480350.0 cd
30 %	11610260.0 cd
20 %	7740176.0 cd
10 %	3870088.0 cd

Peak intensity: 38700880.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	2150049.0 lx
30.0 %	1290029.0 lx
10.0 %	430009.8 lx
5.0 %	215004.9 lx
3.0 %	129002.9 lx

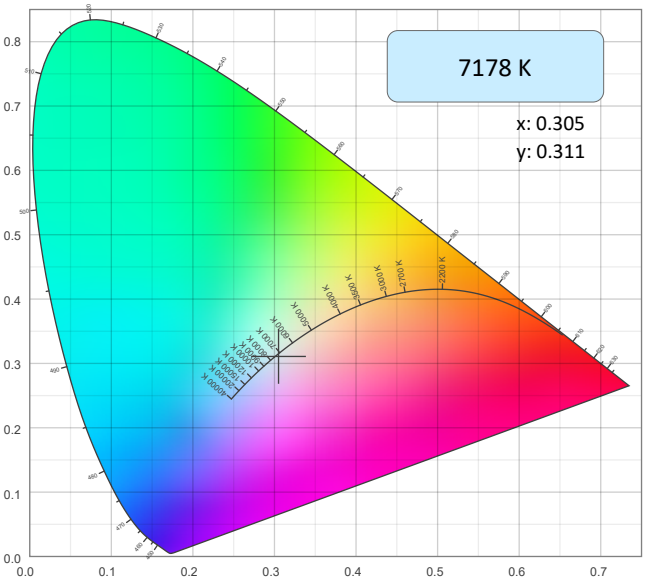
Peak illuminance: 4300097.8 lx
Mounting height: 3.0 m
Number of c-planes: 2

Photometric & Chromaticity Report

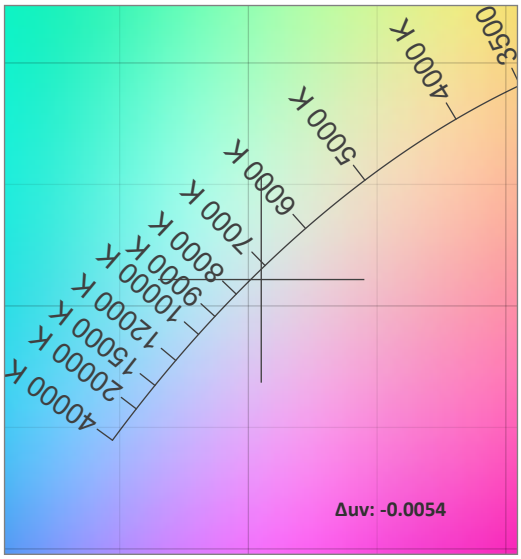
Maverick Storm 1 Beam : Beam - Full Power - Stable

Chromaticity

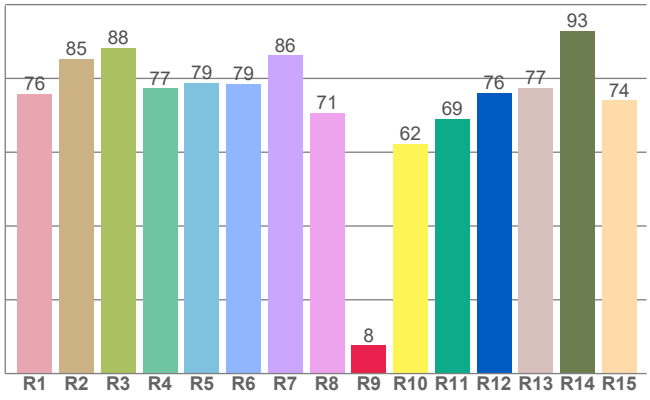
CIE 1931



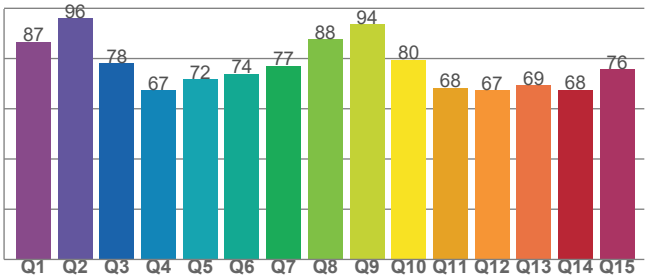
CIE 1931 - Zoom



CRI: 80.1 (R1-R8)



CQS: 75.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7178 K	0.305	0.311

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0054	0.311	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.1	7.7	75.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
56	81.2	93.5

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam - Full Power - Stable

TM-30 Details

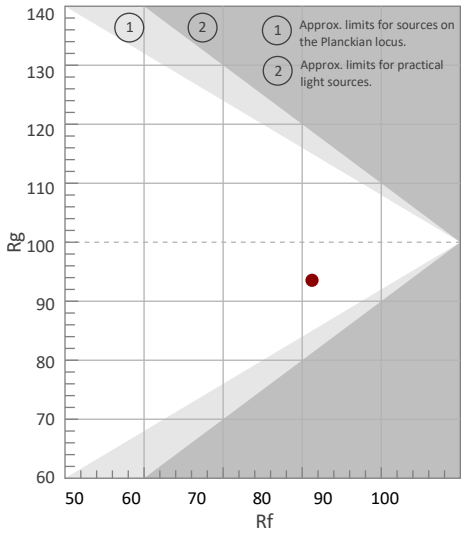
Rf 81.2

Fidelity Index (Rg)

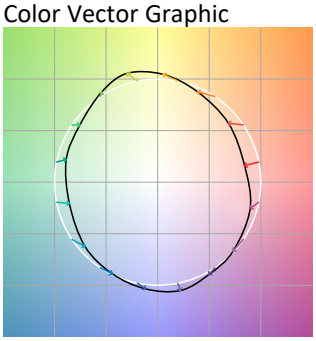
Rg 93.5

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	75	-14%	-1%
2	74	-11%	9%
3	73	-6%	16%
4	75	4%	15%
5	81	9%	9%
6	92	3%	-4%
7	87	-6%	-4%
8	83	-9%	-4%
9	85	-12%	3%
10	79	-7%	13%
11	73	-2%	13%
12	83	4%	9%
13	90	7%	1%
14	87	2%	-9%
15	81	-2%	-15%
16	83	-7%	-8%

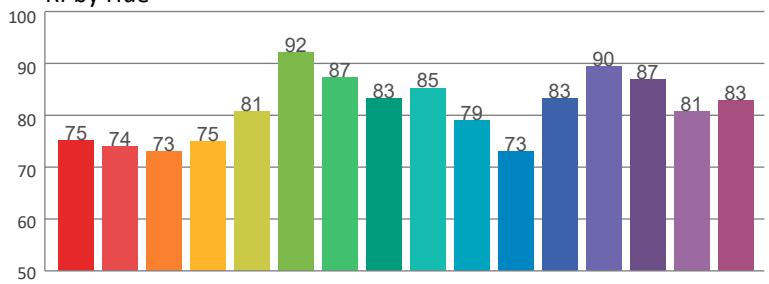


Color Vector Graphic

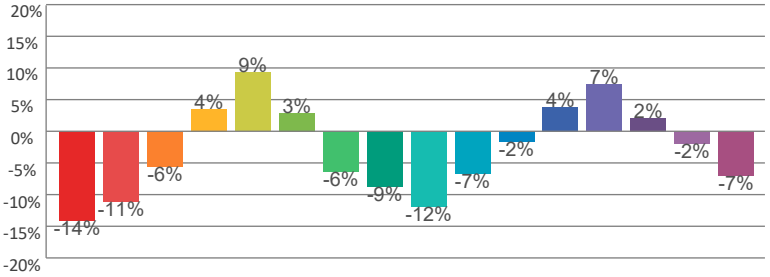


Color Distortion Graphic

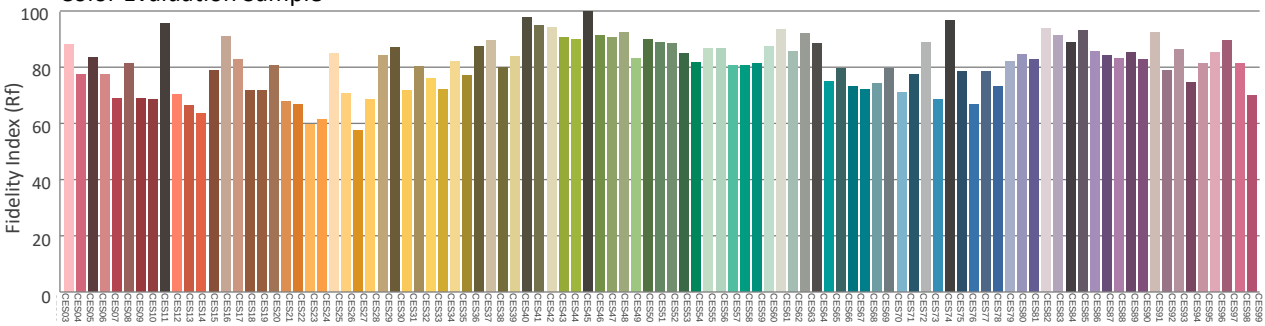
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Cyan - Full Power

Report Summary

Measurements

Fixture Output: 9504 lm
Fixture Peak: 7230482 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 289219 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%): 1°
Field Angle (10%): 1.9°
Cutoff Angle (3%): 2.3°

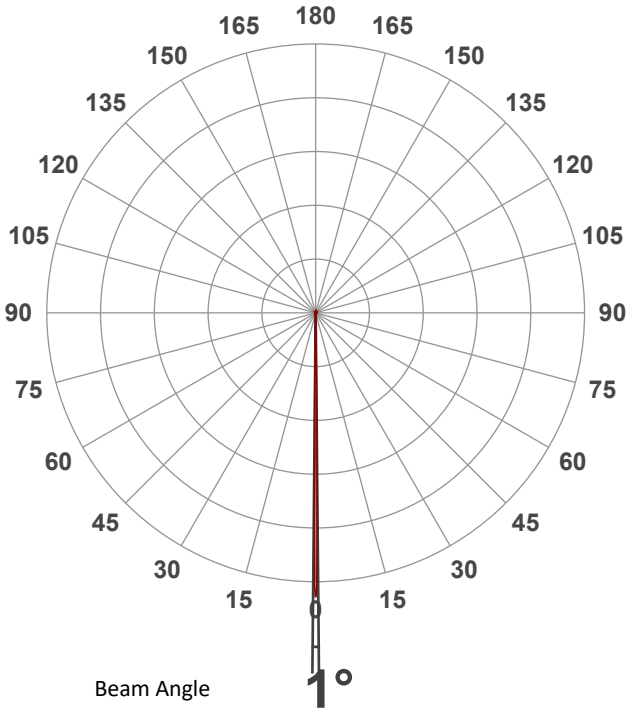
Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/21/2023 to LM-63-2002 Standards.

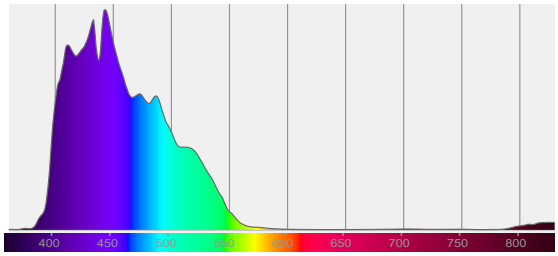
Overall Measurement

Angular Beam Distribution



Beam Angle 1°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.146
Y: 0.136

Light Quality

CRI: 0.0

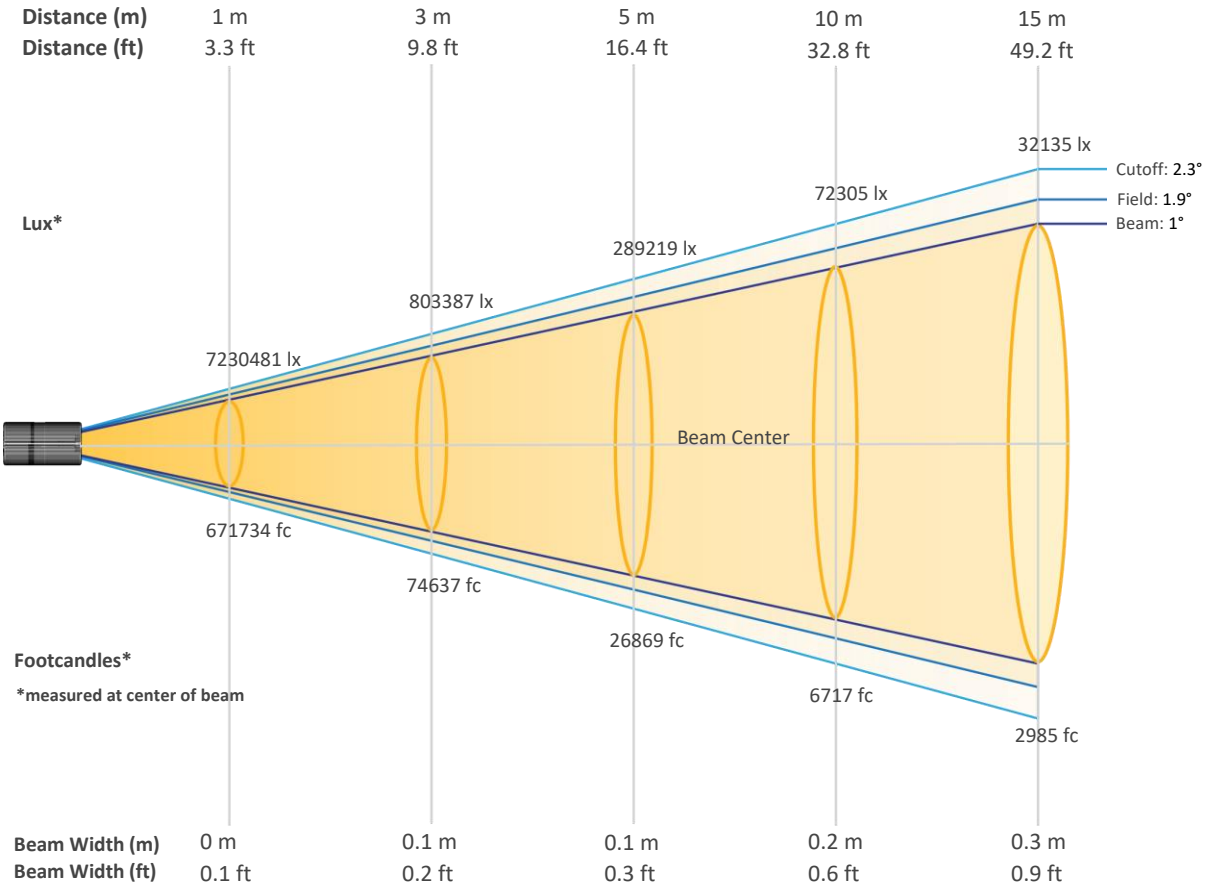
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Cyan - Full Power

Beam Details

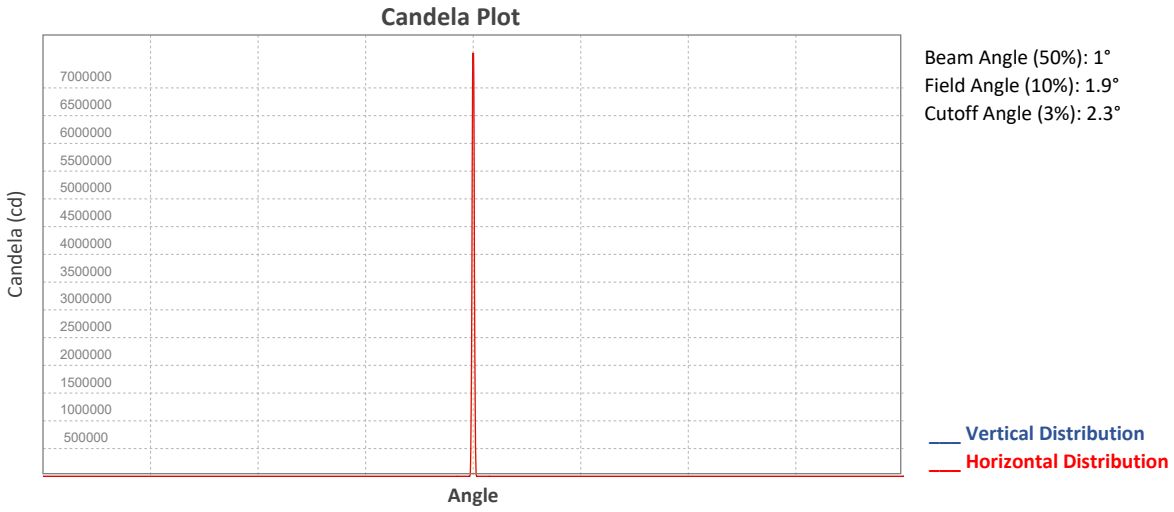


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7230481	1807620	803387	451905	289219	200847	147561	112976	89265	72305
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	59756	50212	42784	36890	32135	28244	25019	22316	20029	18076
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	671734	167933	74637	41983	26869	18659	13709	10496	8293	6717
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5552	4665	3975	3427	2985	2624	2324	2073	1861	1679

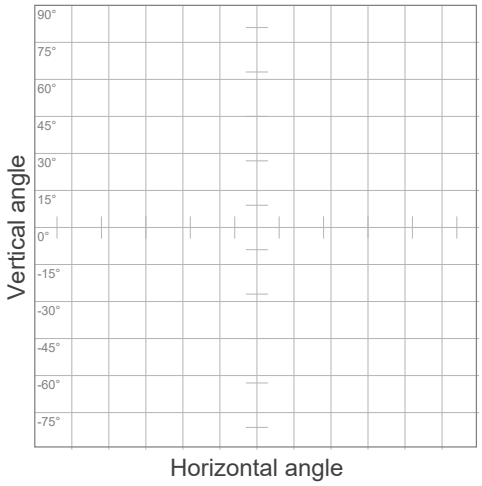
Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Cyan - Full Power



ISO Diagrams

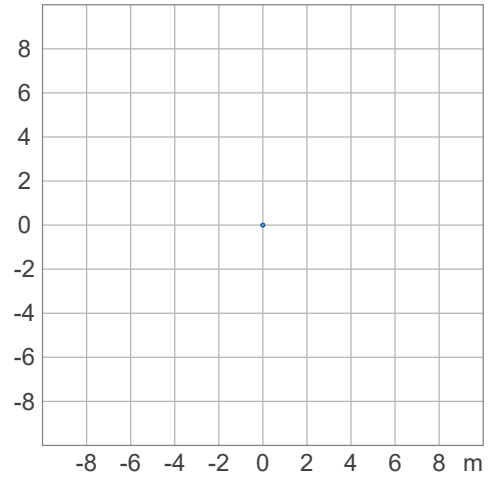
ISO Candela Diagram



90 %	6507433.0 cd
80 %	5784386.0 cd
70 %	5061337.0 cd
60 %	4338289.0 cd
50 %	3615241.0 cd
40 %	2892193.0 cd
30 %	2169145.0 cd
20 %	1446096.0 cd
10 %	723048.2 cd

Peak intensity: 7230482.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	401693.4 lx
30.0 %	241016.1 lx
10.0 %	80338.7 lx
5.0 %	40169.3 lx
3.0 %	24101.6 lx

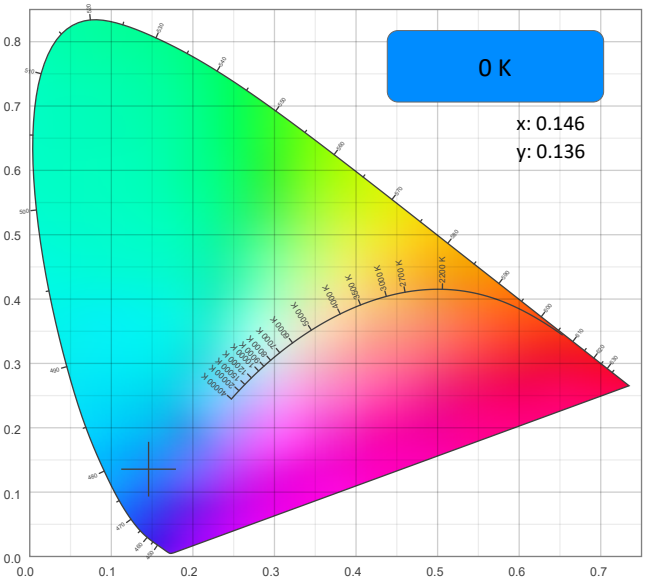
Peak illuminance: 803386.8 lx
Mounting height: 3.0 m
Number of c-planes: 2

Photometric & Chromaticity Report

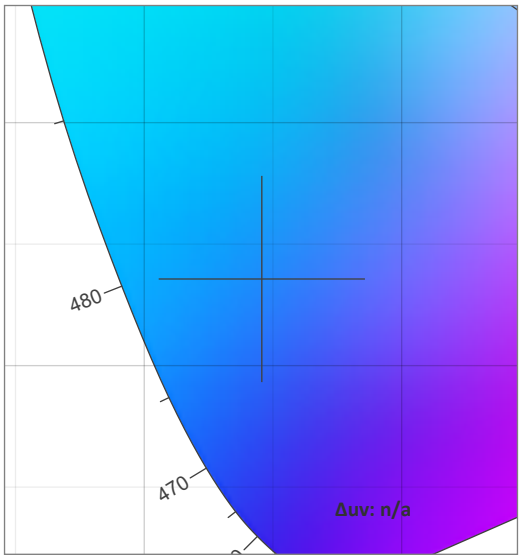
Maverick Storm 1 Beam : Beam with Cyan - Full Power

Chromaticity

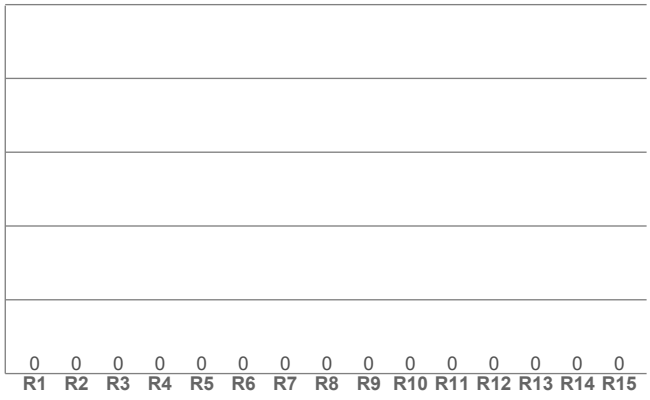
CIE 1931



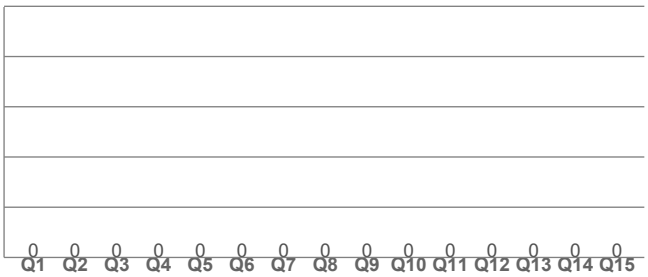
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.146	0.136

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.136	0.134

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 1 Beam : Beam with Cyan - Full Power

TM-30 Details

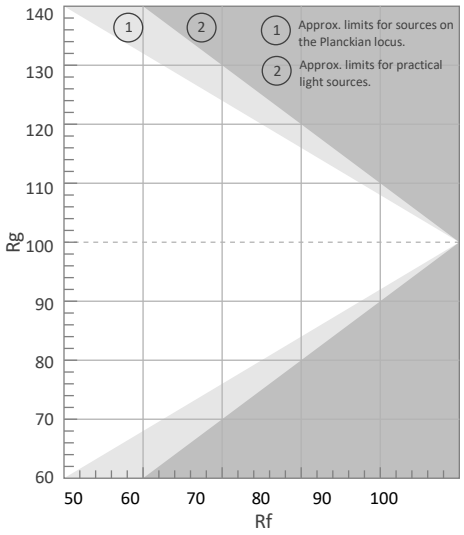
Rf 0.0

Fidelity Index (Rg)

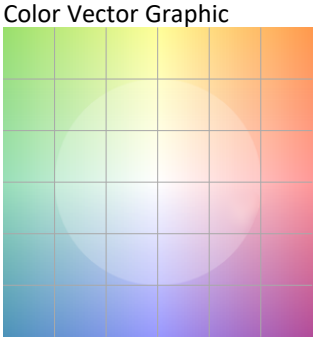
Rg 0.0

Gammut Index (Rg)

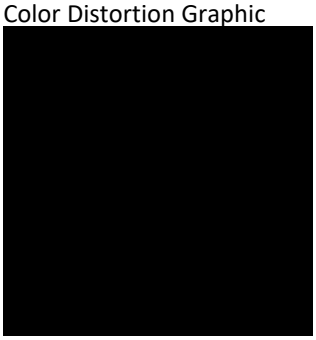
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



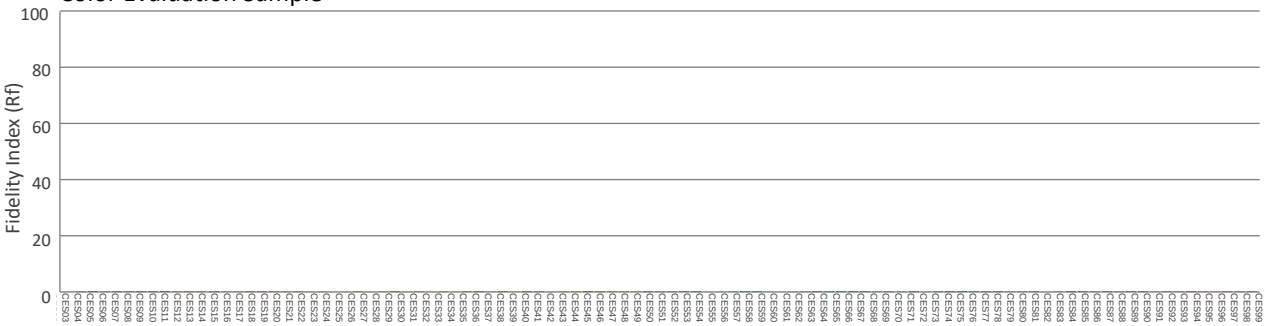
Color Distortion Graphic



Rf by Hue

Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Magenta - Full Power

Report Summary

Measurements

Fixture Output: 6927 lm
Fixture Peak: 1858953 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 74358 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%): 1°
Field Angle (10%): 1.9°
Cutoff Angle (3%): 2.2°

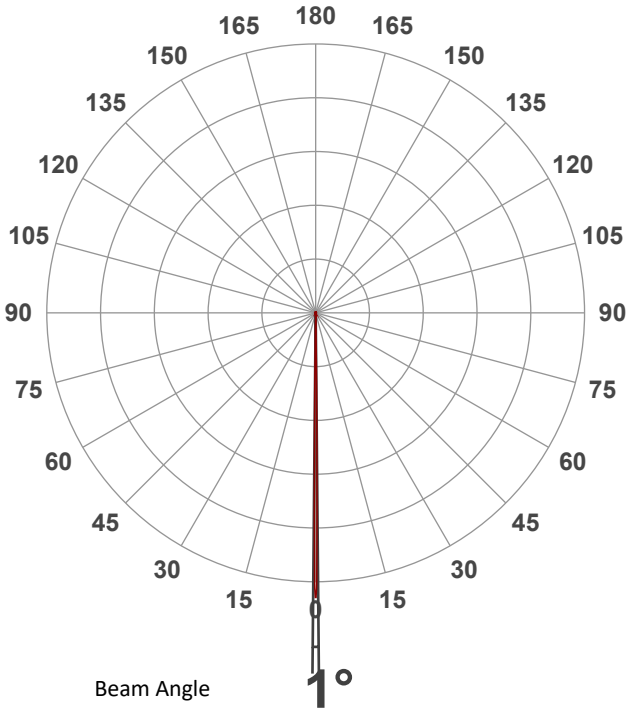
Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/21/2023 to LM-63-2002 Standards.

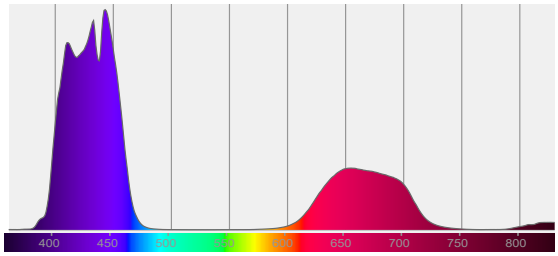
Overall Measurement

Angular Beam Distribution



Beam Angle 1°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.218
Y: 0.044

Light Quality

CRI: 0.0

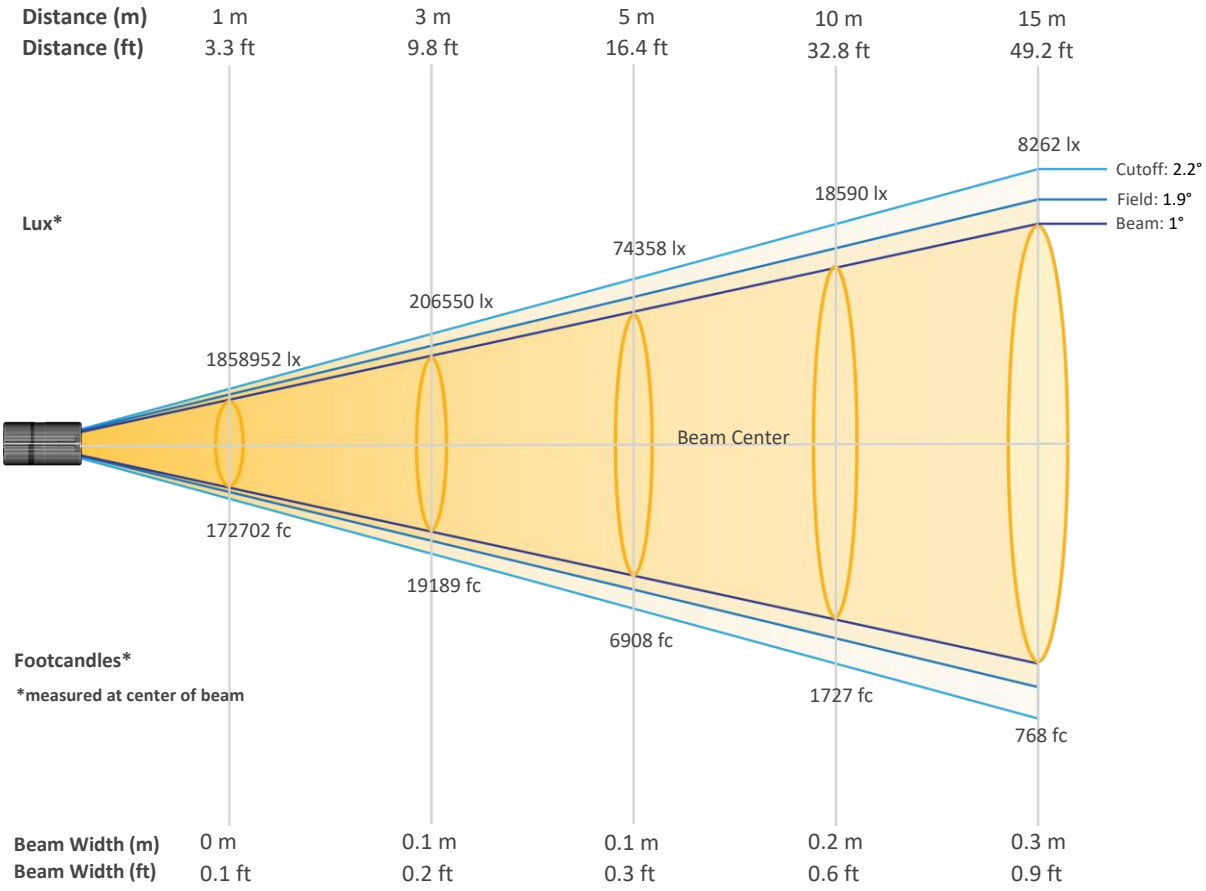
Color Temperature

0 K

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Magenta - Full Power

Beam Details

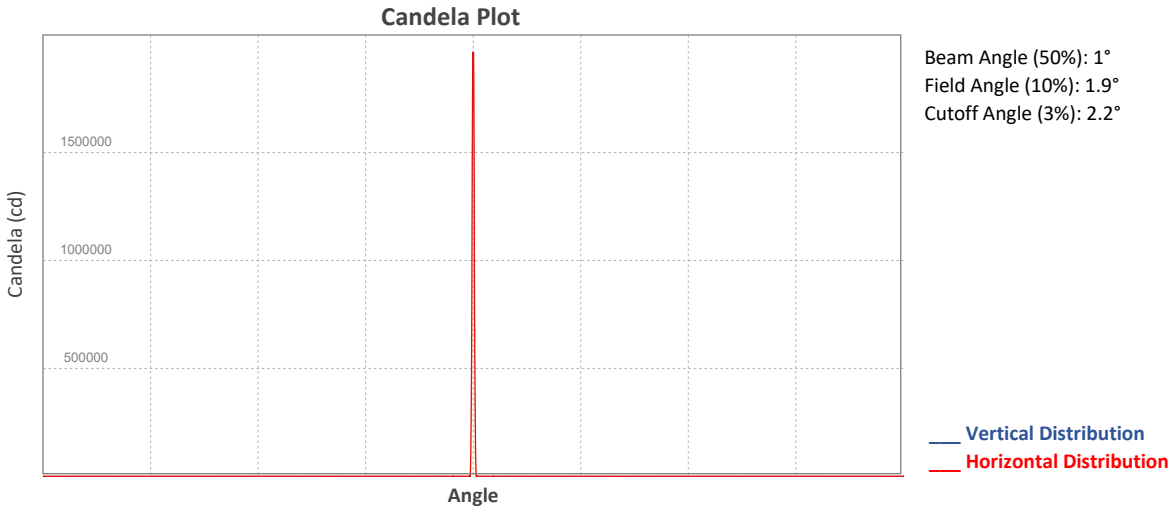


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1858952	464738	206550	116185	74358	51638	37938	29046	22950	18590
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	15363	12909	11000	9484	8262	7262	6432	5738	5149	4647
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	172702	43176	19189	10794	6908	4797	3525	2698	2132	1727
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1427	1199	1022	881	768	675	598	533	478	432

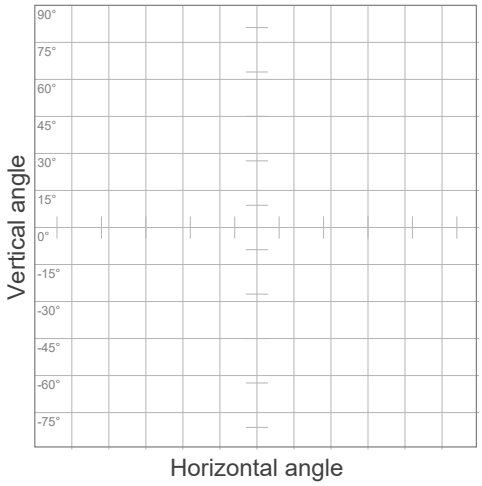
Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Magenta - Full Power



ISO Diagrams

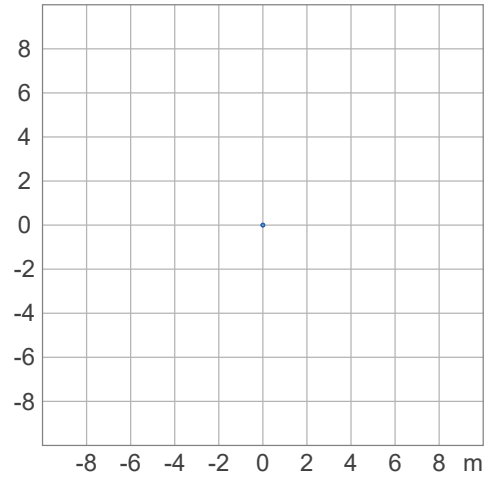
ISO Candela Diagram



90 %	1673057.0 cd
80 %	1487162.0 cd
70 %	1301267.0 cd
60 %	1115372.0 cd
50 %	929476.3 cd
40 %	743581.0 cd
30 %	557685.8 cd
20 %	371790.5 cd
10 %	185895.3 cd

Peak intensity: 1858953.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	103275.1 lx
30.0 %	61965.1 lx
10.0 %	20655.0 lx
5.0 %	10327.5 lx
3.0 %	6196.5 lx

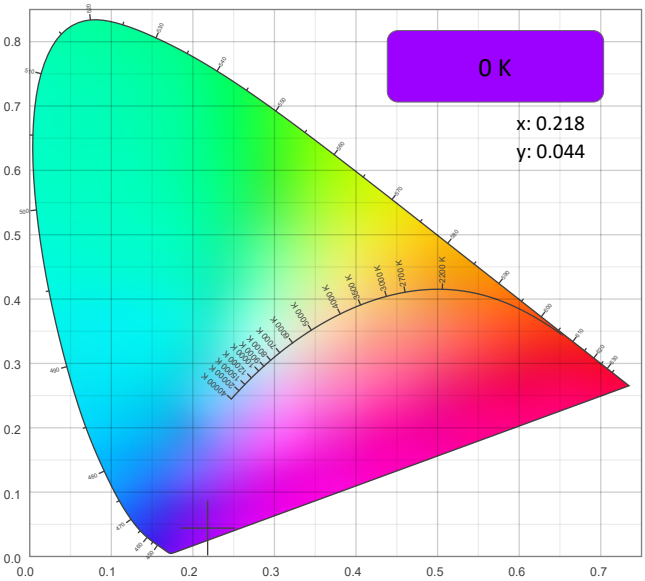
Peak illuminance: 206550.3 lx
Mounting height: 3.0 m
Number of c-planes: 2

Photometric & Chromaticity Report

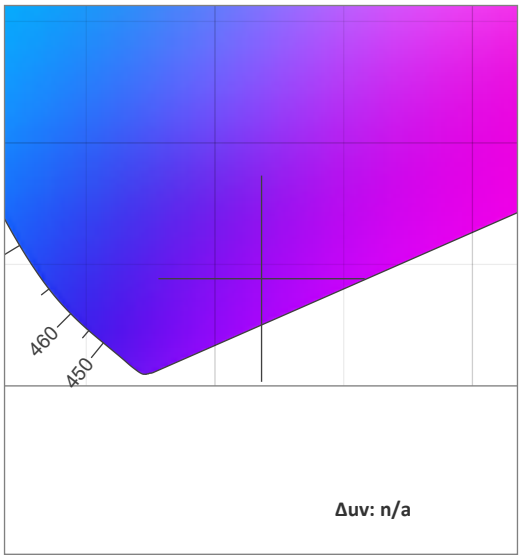
Maverick Storm 1 Beam : Beam with Magenta - Full Power

Chromaticity

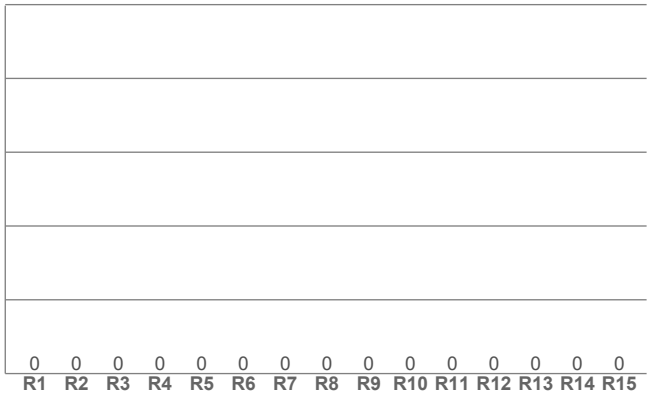
CIE 1931



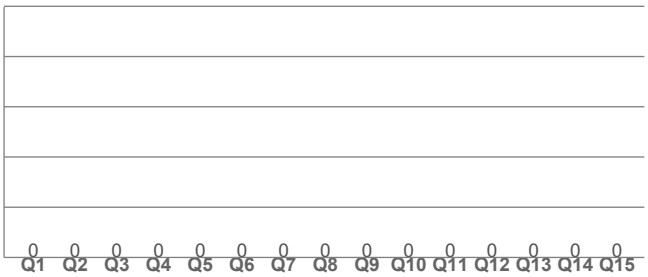
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.218	0.044

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.044	0.282

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 1 Beam : Beam with Magenta - Full Power

TM-30 Details

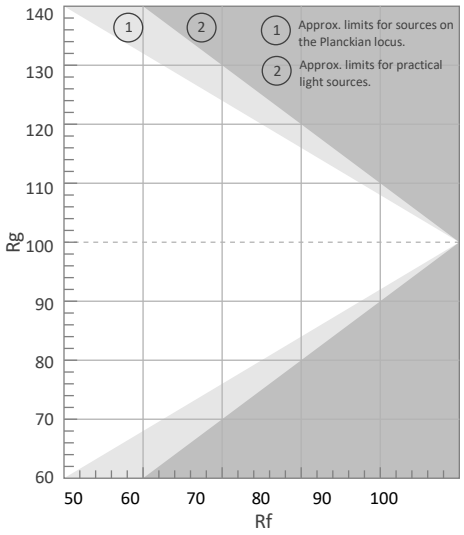
Rf 0.0

Fidelity Index (Rg)

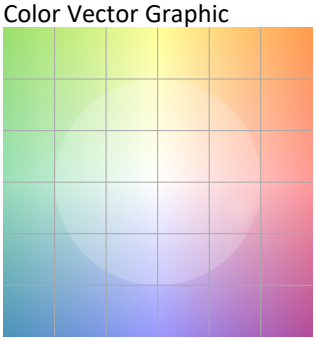
Rg 0.0

Gammut Index (Rg)

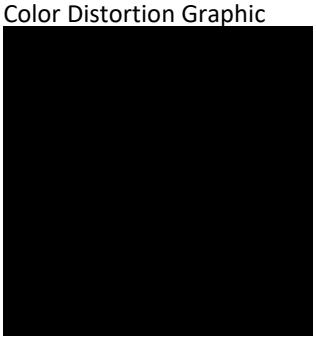
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



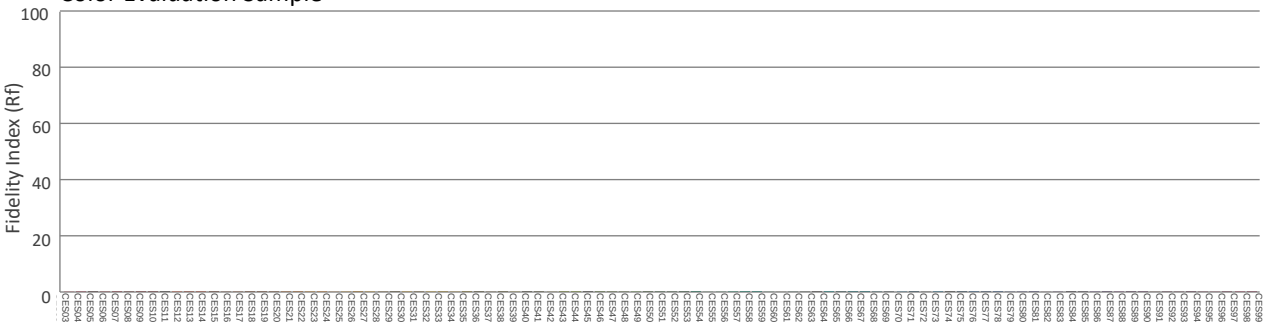
Color Distortion Graphic



Rf by Hue

Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Yellow - Full Power

Report Summary

Measurements

Fixture Output: 19381 lm
Fixture Peak: 29483944 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1179358 lux
Color Temperature: 3250 K
CRI: 28.5 CRI R9 Value: -111.3
CQS: 0.3
TLCI: 2
TM-30 Rf: 15.9
TM-30 Rg: 14.3
Beam Angle (50%): 0.9°
Field Angle (10%): 1.8°
Cutoff Angle (3%): 2.3°

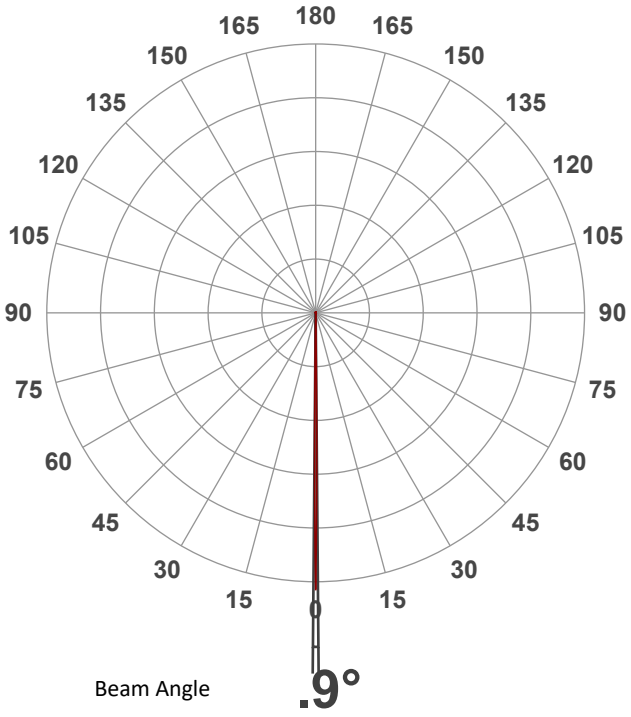
Conditions

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

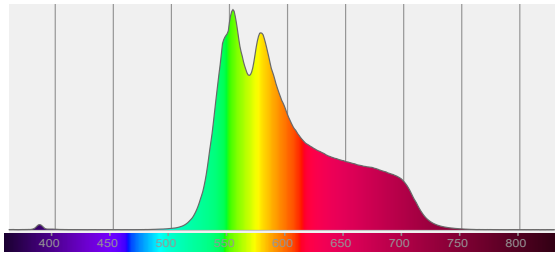
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/21/2023 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931):
X: 0.473
Y: 0.521

Light Quality

CRI: 28.5

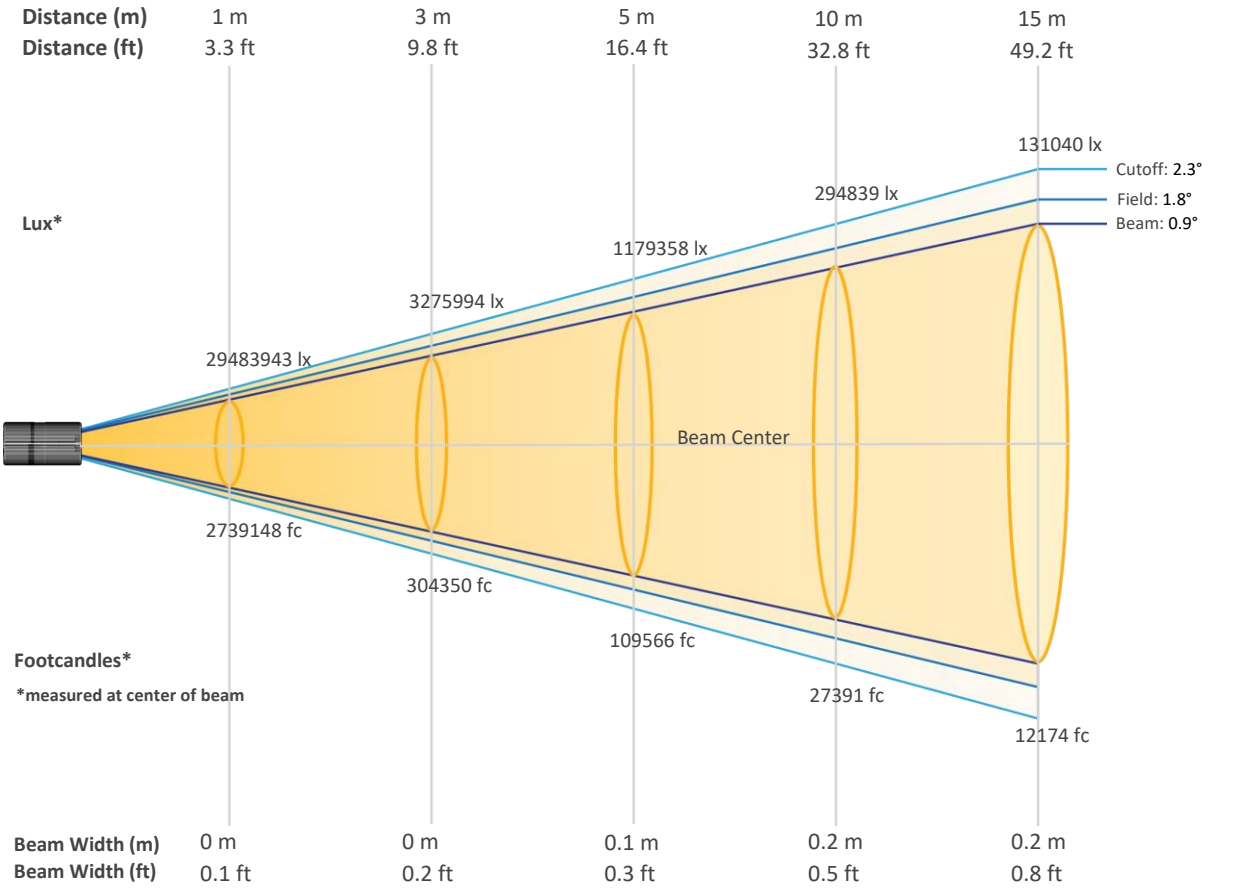
Color Temperature

3250 K

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Yellow - Full Power

Beam Details

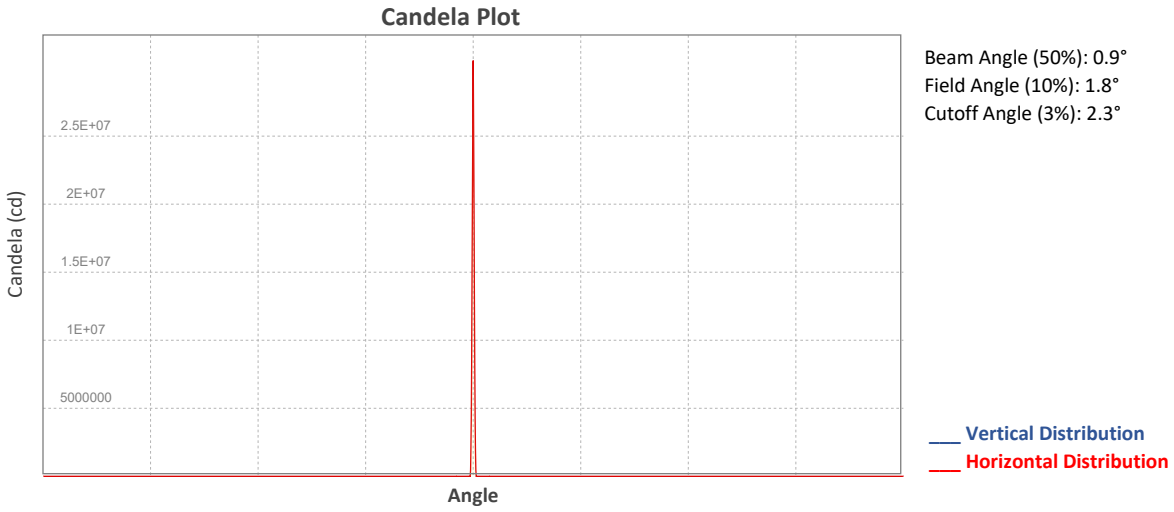


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	29483943	7370986	3275994	1842746	1179358	818998	601713	460687	363999	294839
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	243669	204750	174461	150428	131040	115172	102021	91000	81673	73710
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2739148	684787	304350	171197	109566	76087	55901	42799	33817	27391
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	22638	19022	16208	13975	12174	10700	9478	8454	7588	6848

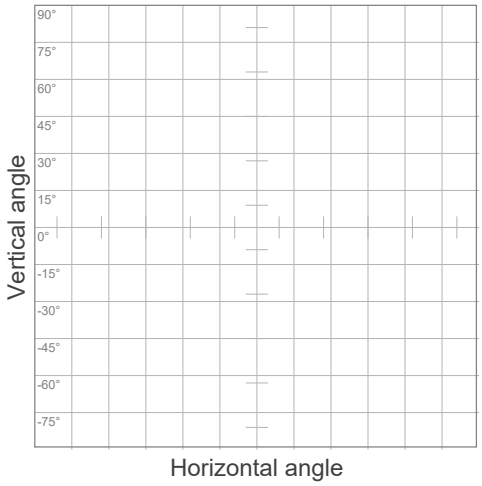
Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Yellow - Full Power



ISO Diagrams

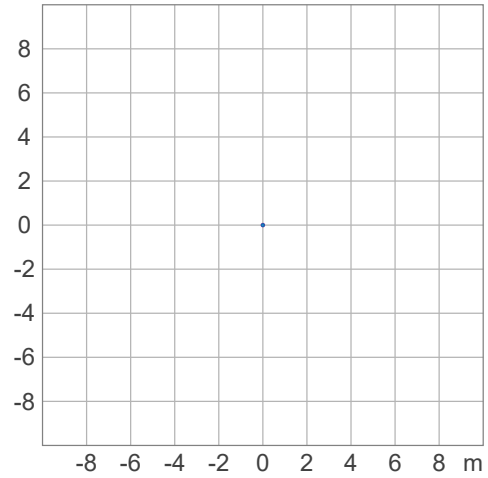
ISO Candela Diagram



90 %	26535550.0 cd
80 %	23587160.0 cd
70 %	20638760.0 cd
60 %	17690370.0 cd
50 %	14741970.0 cd
40 %	11793580.0 cd
30 %	8845184.0 cd
20 %	5896789.0 cd
10 %	2948395.0 cd

Peak intensity: 29483940.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	1637997.0 lx
30.0 %	982798.2 lx
10.0 %	327599.4 lx
5.0 %	163799.7 lx
3.0 %	98279.8 lx

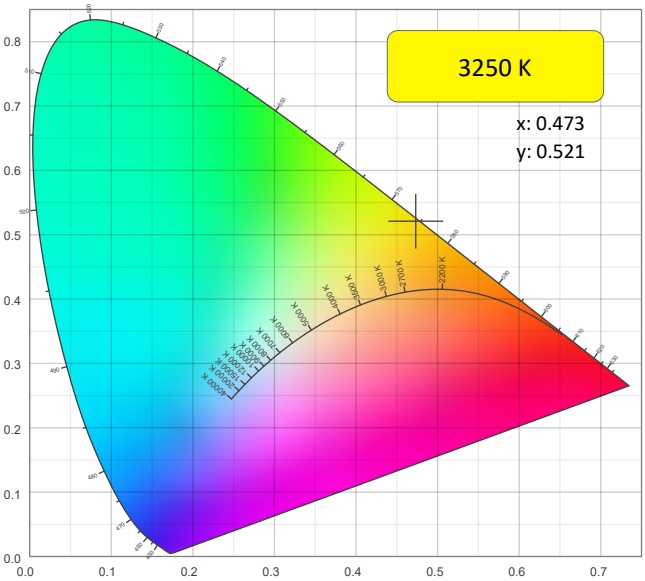
Peak illuminance: 3275993.8 lx
Mounting height: 3.0 m
Number of c-planes: 2

Photometric & Chromaticity Report

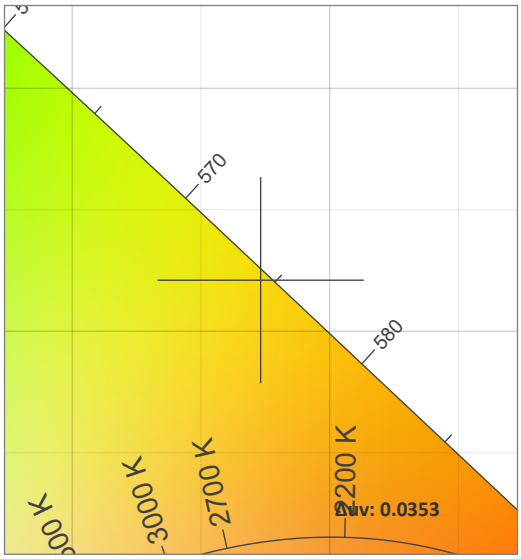
Maverick Storm 1 Beam : Beam with Yellow - Full Power

Chromaticity

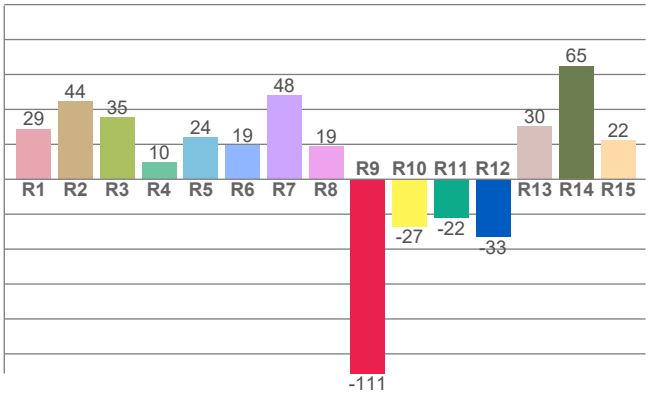
CIE 1931



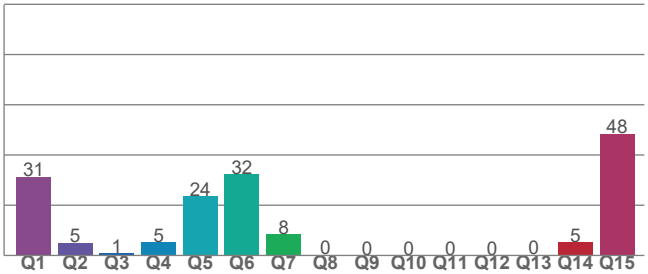
CIE 1931 - Zoom



CRI: 28.5 (R1-R8)



CQS: 0.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3250 K	0.473	0.521

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0353	0.521	0.228

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
28.5	-111.3	0.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	15.9	14.3

Photometric & Chromaticity Report

Maverick Storm 1 Beam : Beam with Yellow - Full Power

TM-30 Details

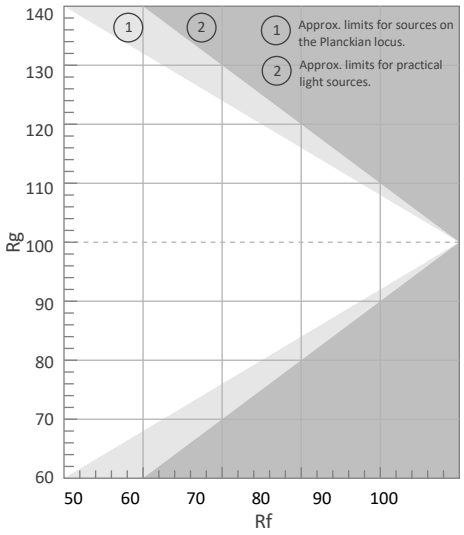
Rf 15.9

Fidelity Index (Rg)

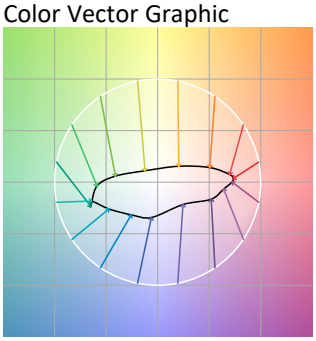
Rg 14.3

Gammut Index (Rg)

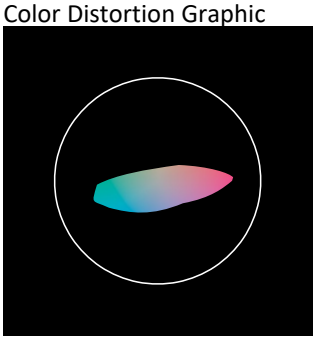
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	45	-28%	-11%
2	16	-38%	-33%
3	1	-60%	-34%
4	1	-81%	-17%
5	8	-87%	10%
6	2	-72%	31%
7	7	-53%	36%
8	19	-41%	36%
9	52	-34%	6%
10	23	-46%	-5%
11	14	-59%	-4%
12	14	-65%	1%
13	8	-74%	20%
14	22	-57%	34%
15	20	-43%	30%
16	55	-29%	14%

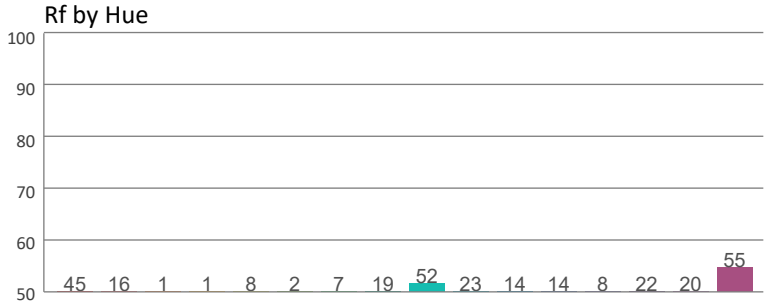


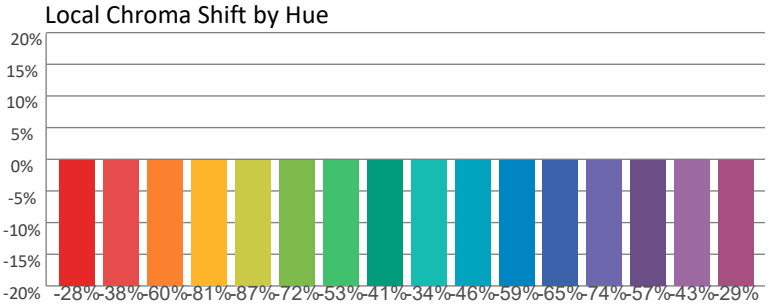
Color Vector Graphic



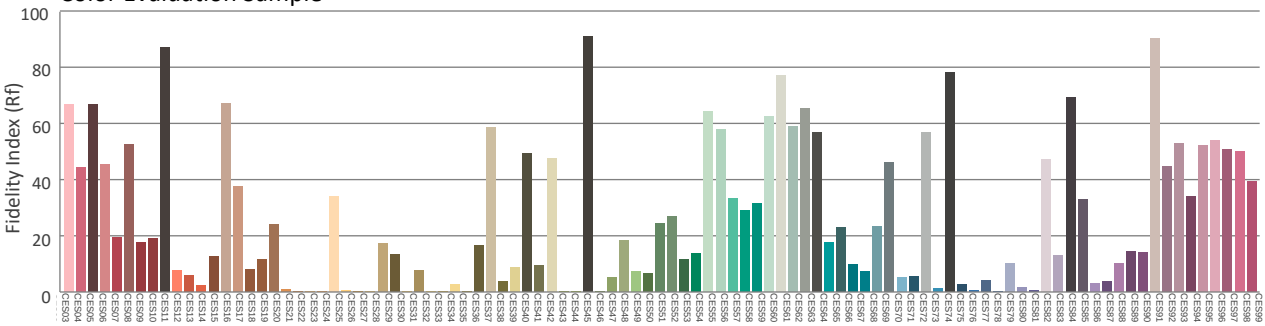
Color Distortion Graphic







Color Evaluation Sample



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