

# MAVERICK STORM 1 HYBRID

## PHOTOMETRICS REPORT



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## Testing Process

### Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion<sup>®</sup>, 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<sup>®</sup> 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<sup>®</sup> system every six months as recommended by Viso Systems.



# Photometrics & Chromaticity Reports



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood - Full Power

## Report Summary

### Measurements

Fixture Output: 27576 lm  
Fixture Peak: 160008 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 6400 lux  
Color Temperature: 7019 K  
CRI: 80.9    CRI R9 Value: -0.8  
CQS: 77.3  
TLCI: 60  
TM-30 Rf: 83.2  
TM-30 Rg: 92.7  
Beam Angle (50%): 17.9°  
Field Angle (10%): 32°  
Cutoff Angle (3%): 281.3°

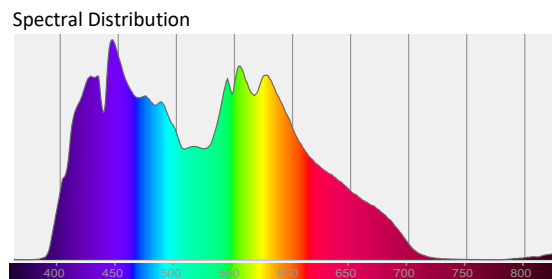
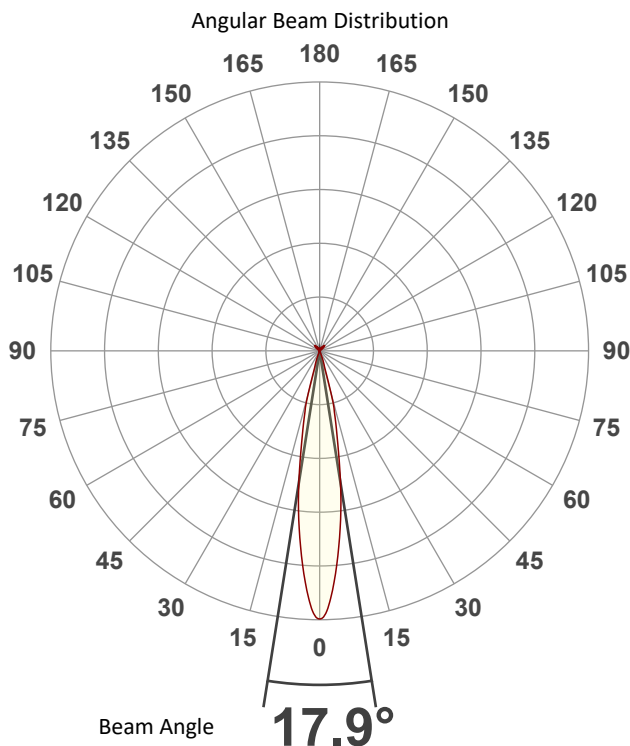


### Conditions

AC Supply: 114 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 5/2/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.306  
Y: 0.317

Light Quality  
CRI: 80.9

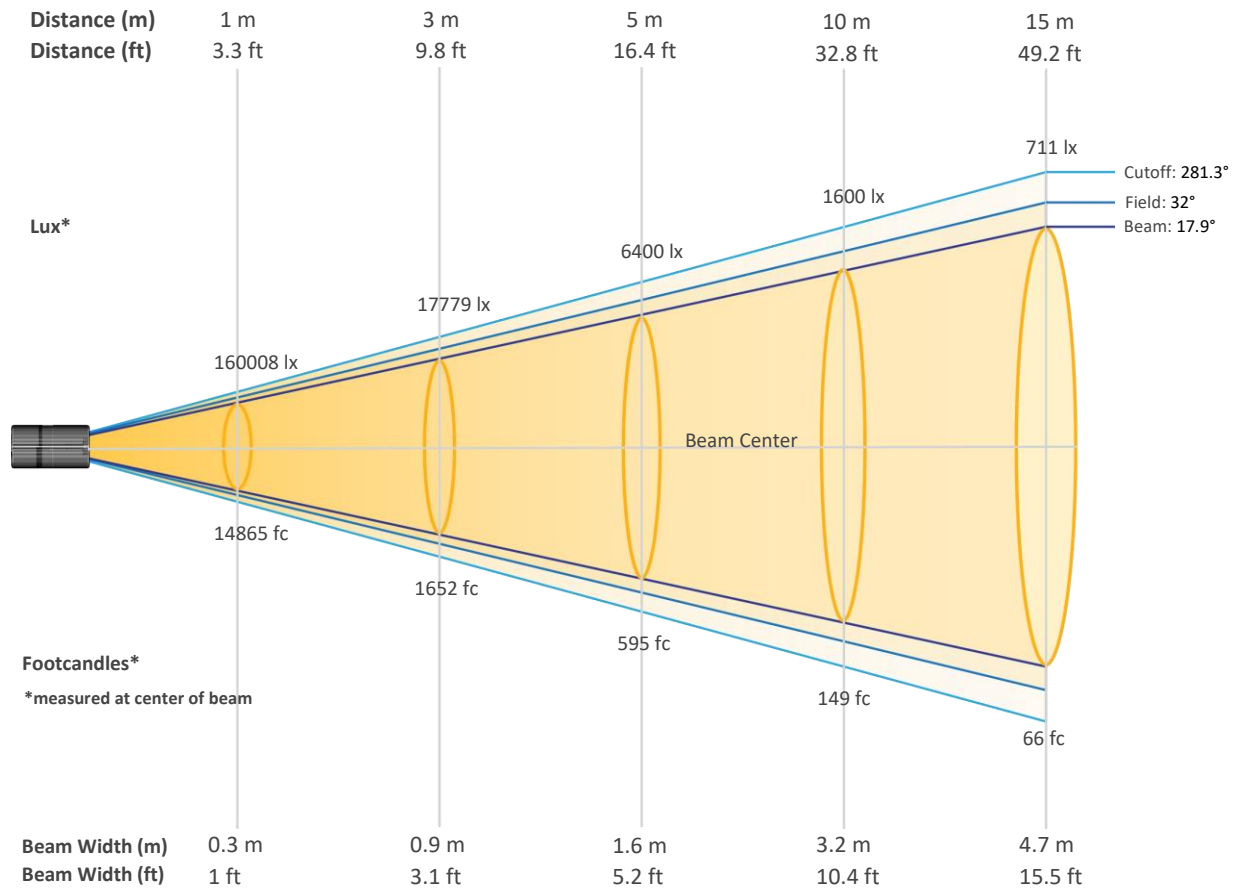
Color Temperature  
7019 K



# Photometric & Chromaticity Report

## Maverick Storm 1 Hybrid: Full Flood - Full Power

### Beam Details

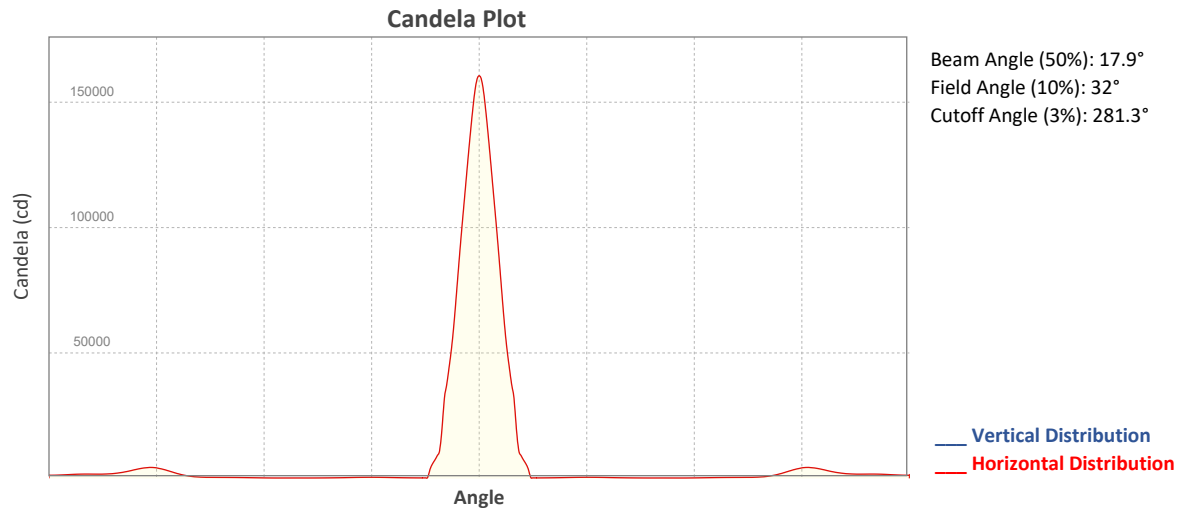


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	160008	40002	17779	10000	6400	4445	3265	2500	1975	1600
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1322	1111	947	816	711	625	554	494	443	400
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14865	3716	1652	929	595	413	303	232	184	149
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	123	103	88	76	66	58	51	46	41	37

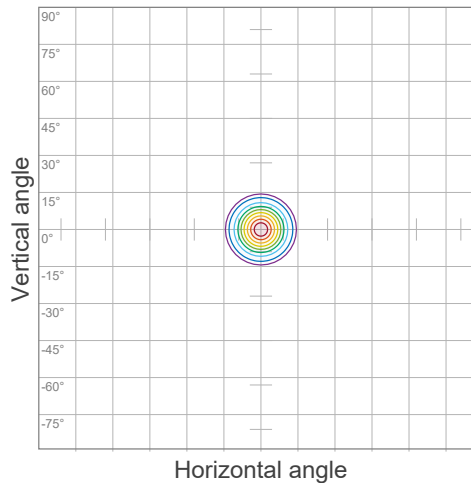
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood - Full Power



## ISO Diagrams

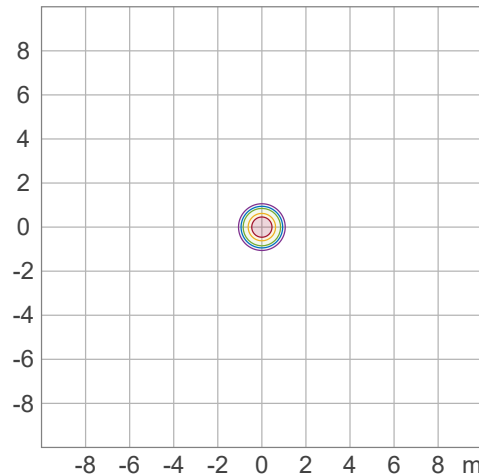
### ISO Candela Diagram



90 %	144007.0 cd
80 %	128006.2 cd
70 %	112005.4 cd
60 %	96004.7 cd
50 %	80003.9 cd
40 %	64003.1 cd
30 %	48002.3 cd
20 %	32001.6 cd
10 %	16000.8 cd

Peak intensity: 160007.8 cd  
 Number of c-planes: 2

### ISO Lux Diagram



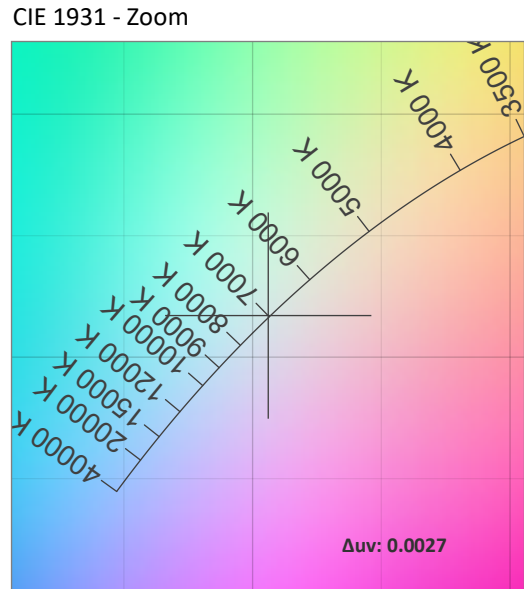
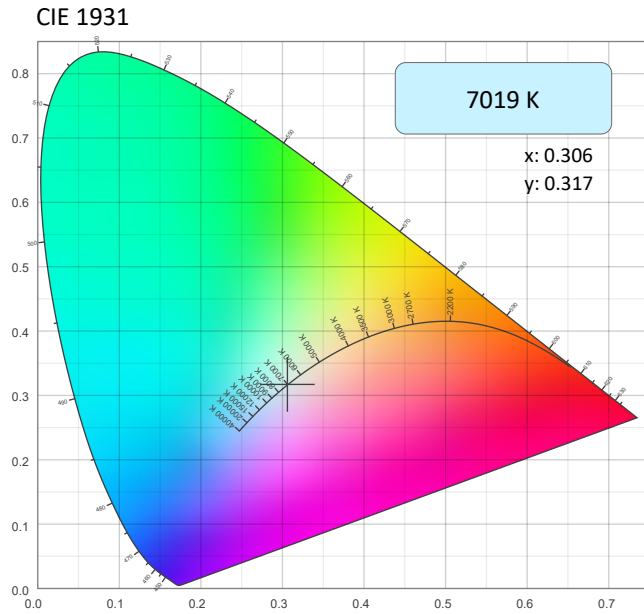
50.0 %	8889.3 lx
30.0 %	5333.6 lx
10.0 %	1777.9 lx
5.0 %	888.9 lx
3.0 %	533.4 lx

Peak illuminance: 17778.6 lx  
 Mounting height: 3.0 m  
 Number of c-planes: 2

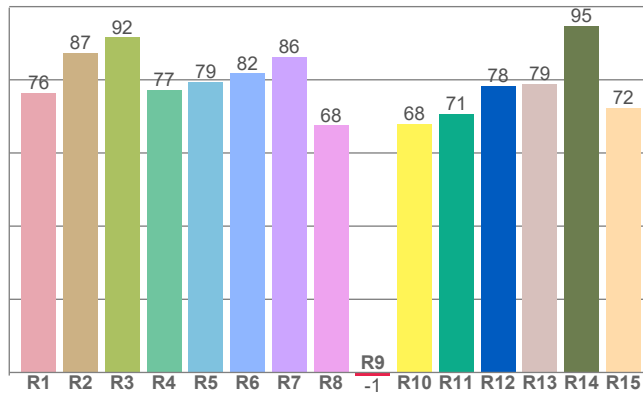
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood - Full Power

## Chromaticity



CRI: 80.9 (R1-R8)

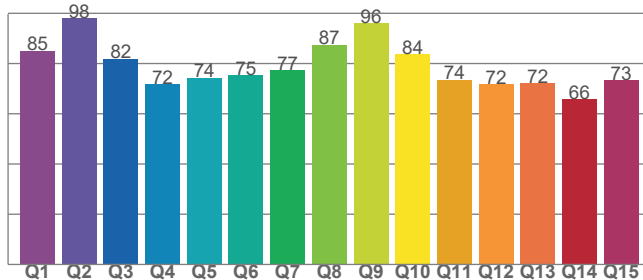


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7019 K	0.306	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0027	0.317	0.198

CQS: 77.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.9	-0.8	77.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
60	83.2	92.7

# Photometric & Chromaticity Report

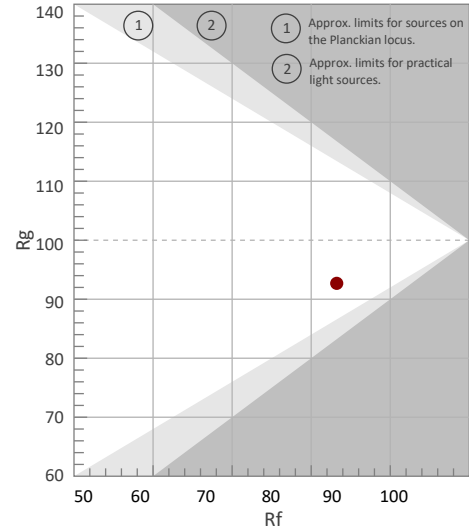
Maverick Storm 1 Hybrid: Full Flood - Full Power

## TM-30 Details

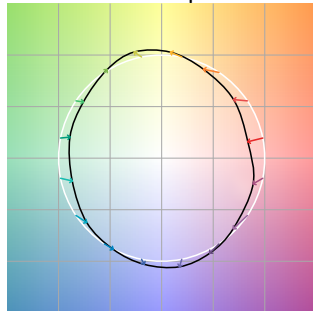
**Rf 83.2**  
Fidelity Index (Rg)

**Rg 92.7**  
Gammut Index (Rg)

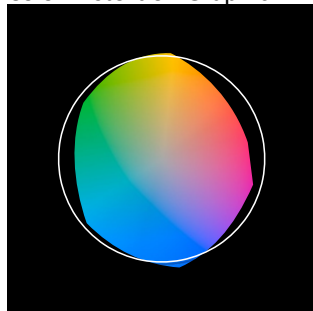
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	-15%	-1%
2	76	-10%	9%
3	76	-6%	14%
4	81	2%	12%
5	87	6%	6%
6	93	1%	-4%
7	88	-7%	-3%
8	84	-9%	-3%
9	87	-11%	5%
10	82	-5%	11%
11	79	0%	10%
12	88	4%	3%
13	90	7%	-4%
14	86	3%	-12%
15	77	-4%	-18%
16	82	-8%	-7%



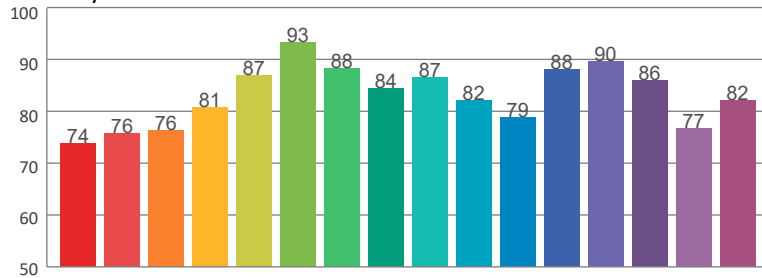
Color Vector Graphic



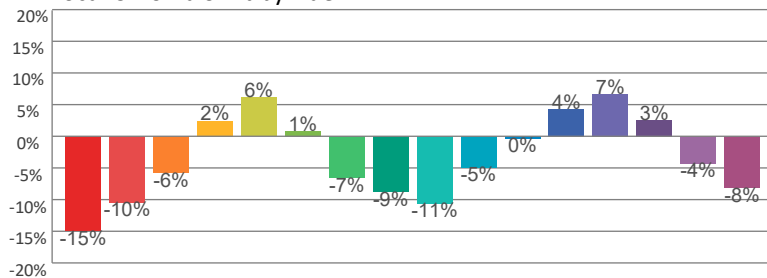
Color Distortion Graphic



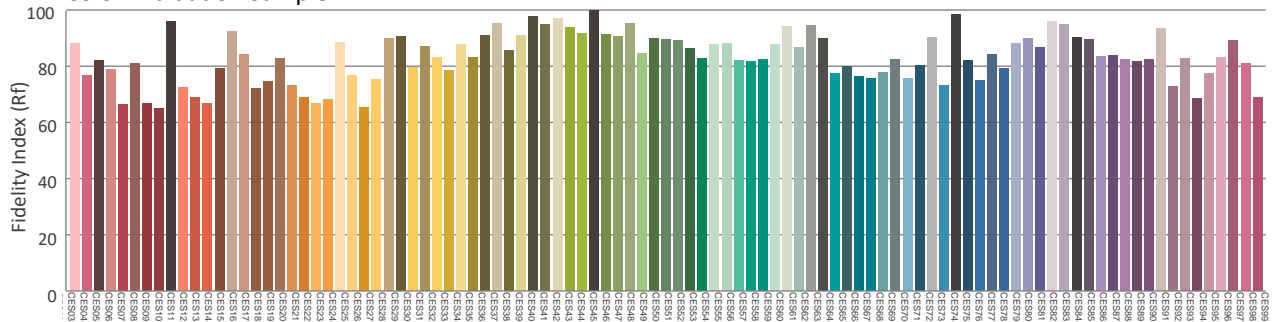
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Frost - Full Power

## Report Summary

### Measurements

Fixture Output: 14279 lm  
Fixture Peak: 91523 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3661 lux  
Color Temperature: 6491 K  
CRI: 80.8    CRI R9 Value: -0.2  
CQS: 77.3  
TLCI: 61  
TM-30 Rf: 83.2  
TM-30 Rg: 92.7  
Beam Angle (50%): 16.4°  
Field Angle (10%): 29.7°  
Cutoff Angle (3%): 282.4°

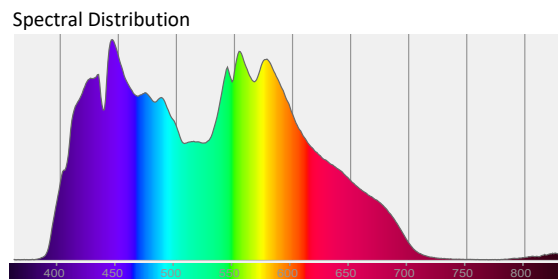
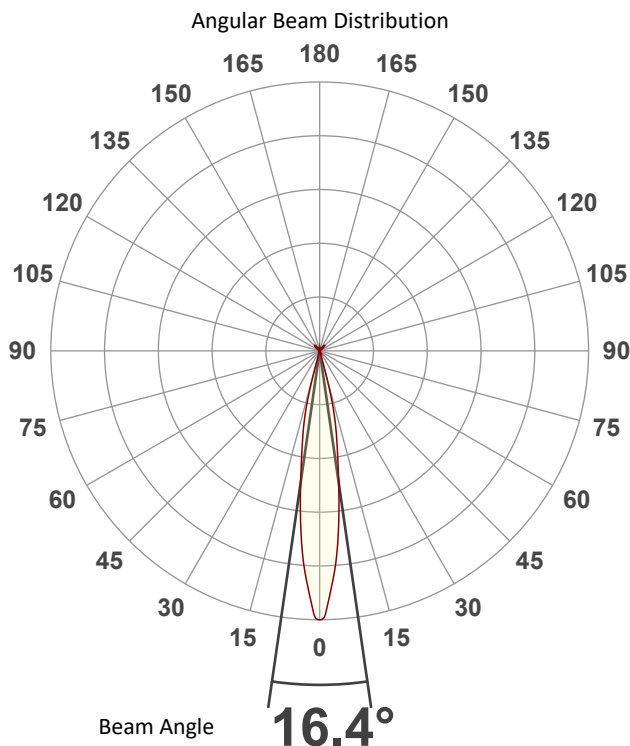


### Conditions

AC Supply: 116 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 5/3/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.314  
Y: 0.324

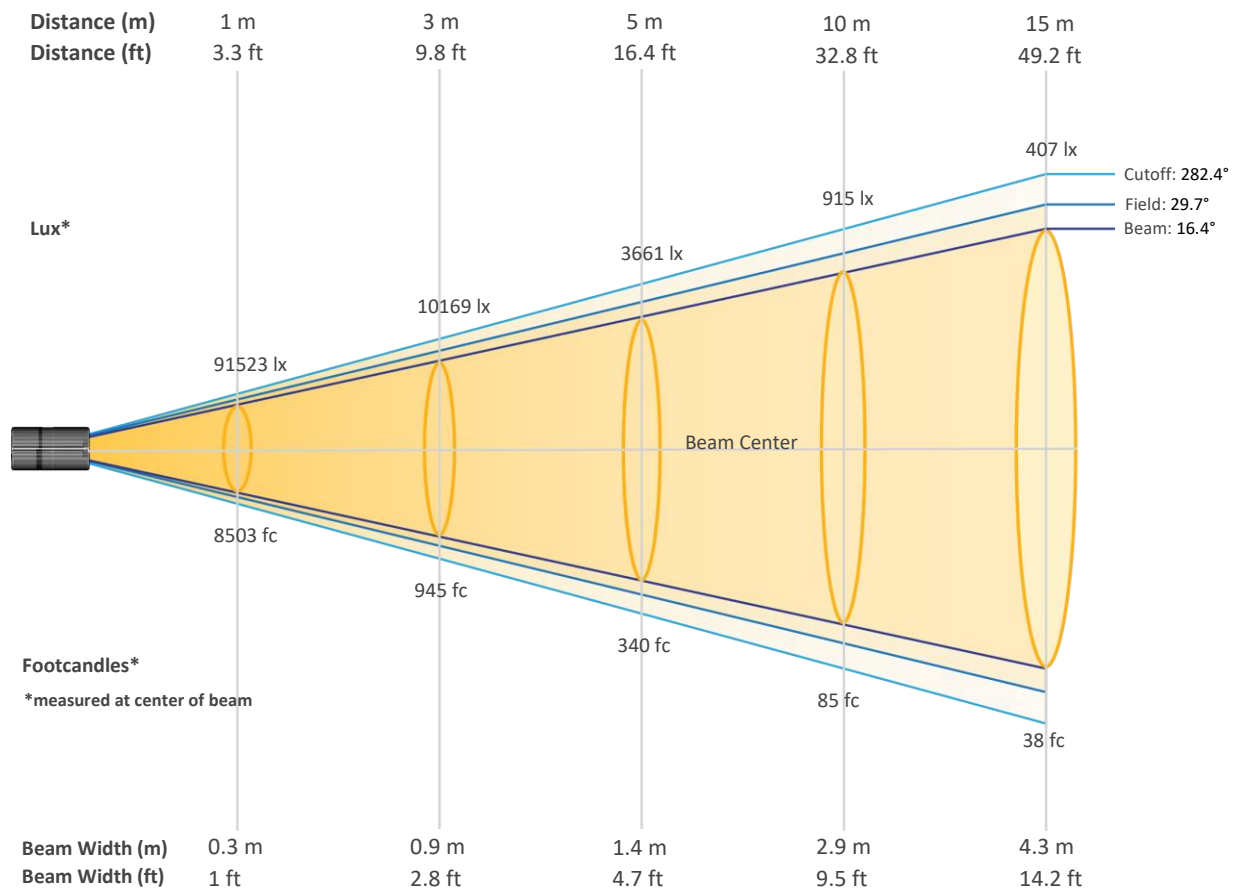
Light Quality  
CRI: 80.8

Color Temperature  
6491 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Frost - Full Power

## Beam Details

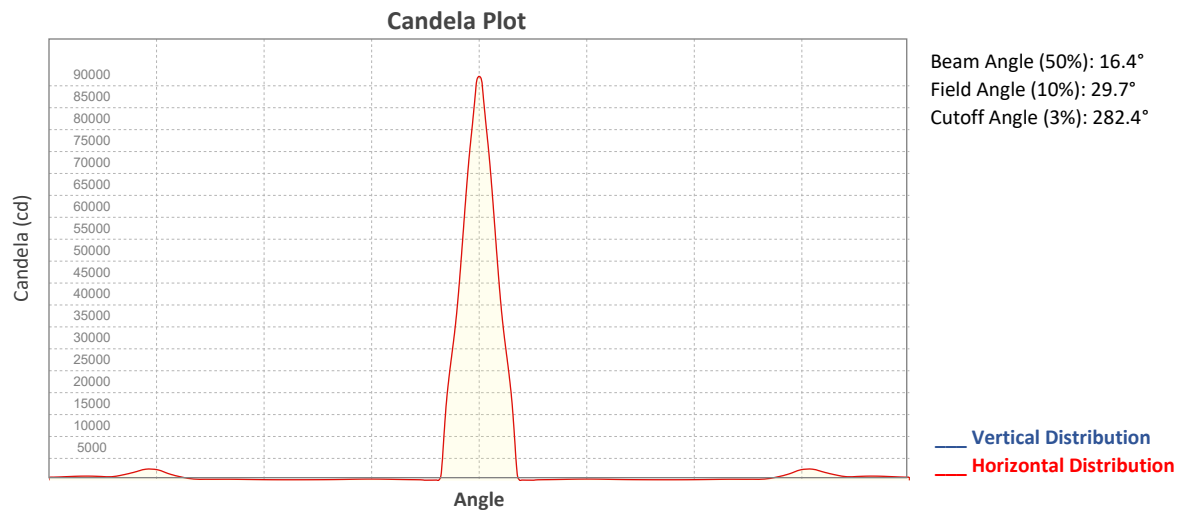


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	91523	22881	10169	5720	3661	2542	1868	1430	1130	915
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	756	636	542	467	407	358	317	282	254	229
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8503	2126	945	531	340	236	174	133	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	24	21

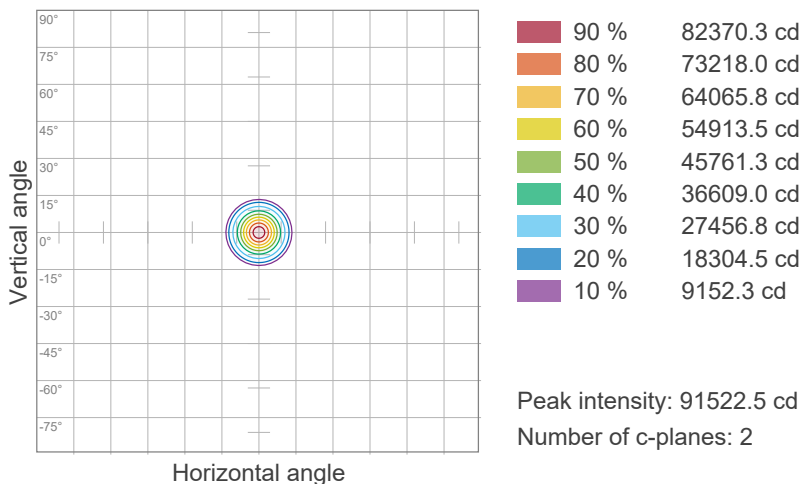
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Frost - Full Power

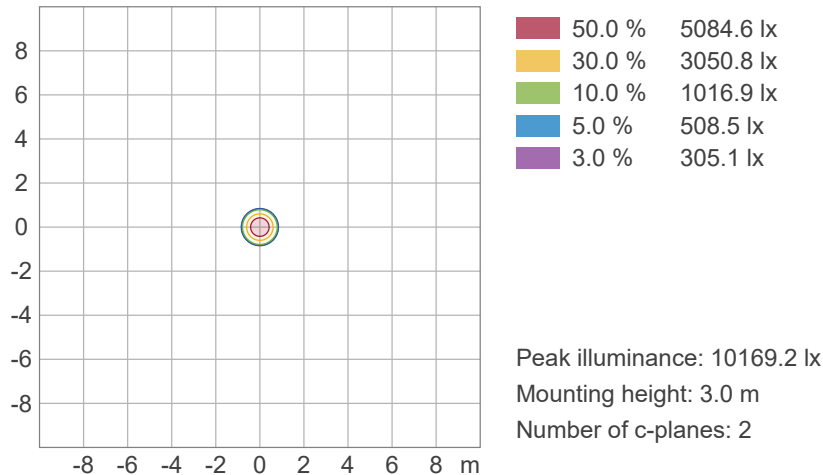


## ISO Diagrams

**ISO Candela Diagram**



**ISO Lux Diagram**

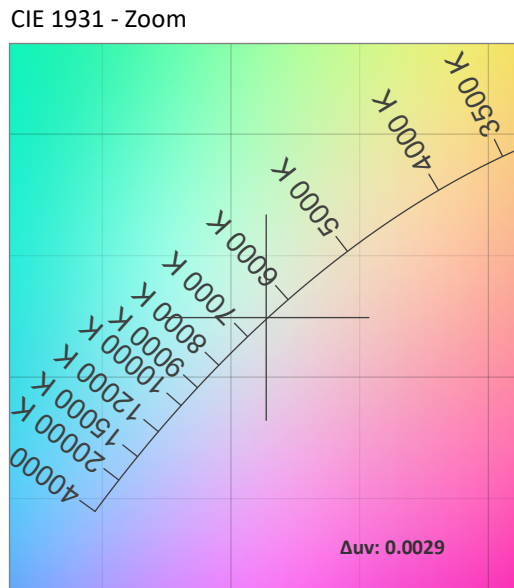
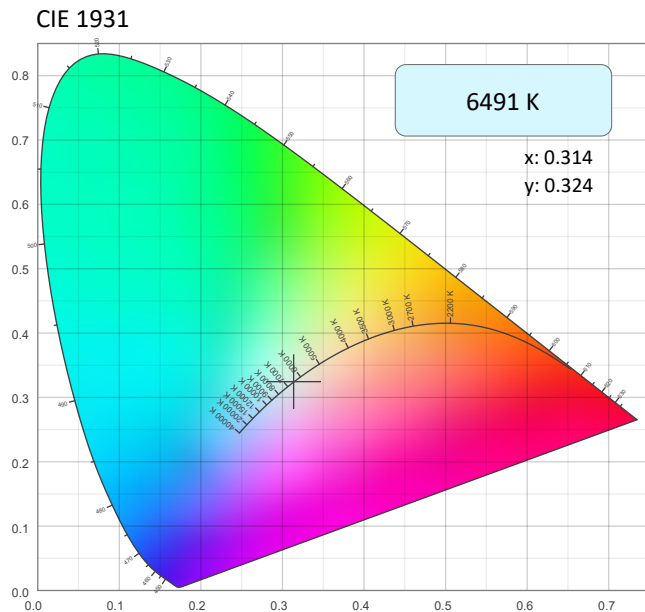




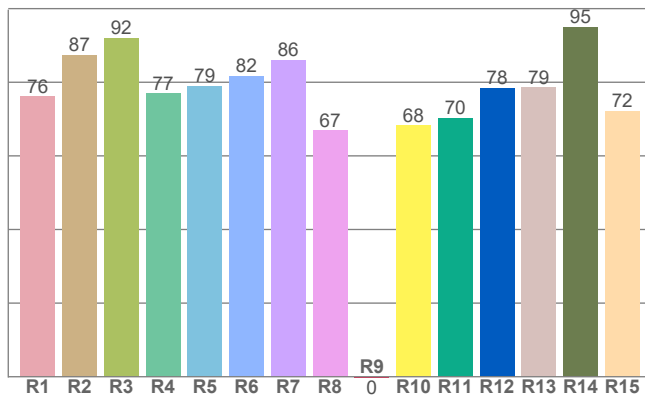
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Frost - Full Power

## Chromaticity



CRI: 80.8 (R1-R8)

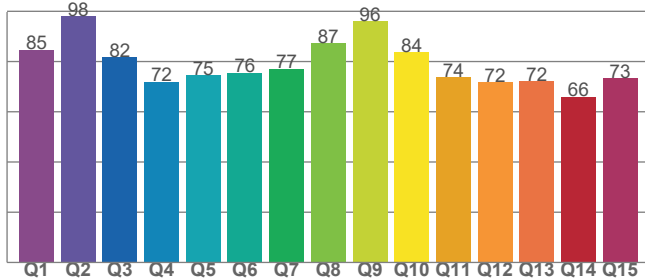


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6491 K	0.314	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0029	0.324	0.200

CQS: 77.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.8	-0.2	77.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
61	83.2	92.7

# Photometric & Chromaticity Report

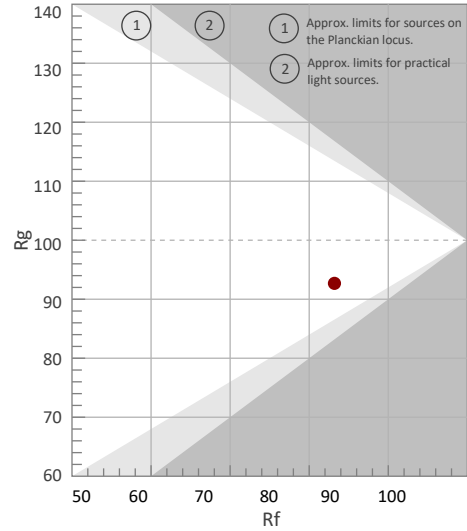
Maverick Storm 1 Hybrid: Full Flood-Frost - Full Power

## TM-30 Details

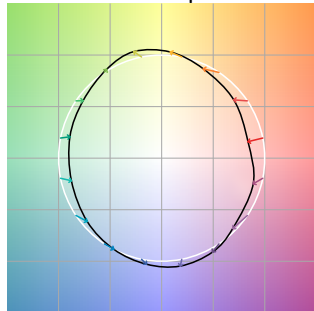
**Rf 83.2**  
Fidelity Index (Rg)

**Rg 92.7**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	-15%	-1%
2	79	-10%	8%
3	74	-6%	14%
4	81	3%	12%
5	86	7%	6%
6	93	1%	-4%
7	89	-6%	-4%
8	84	-9%	-3%
9	88	-10%	4%
10	79	-6%	11%
11	82	-1%	10%
12	89	4%	6%
13	90	6%	-3%
14	83	3%	-10%
15	80	-5%	-18%
16	82	-8%	-7%



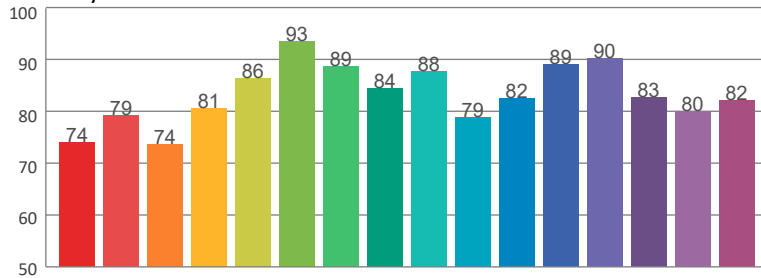
Color Vector Graphic



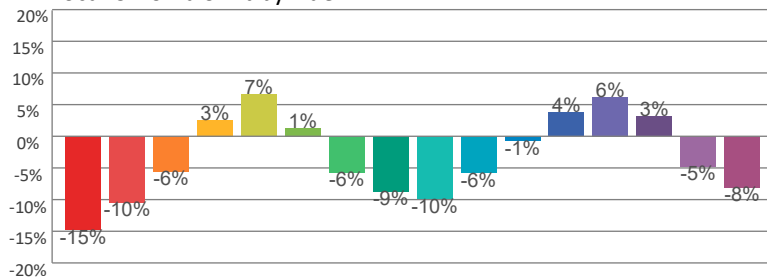
Color Distortion Graphic



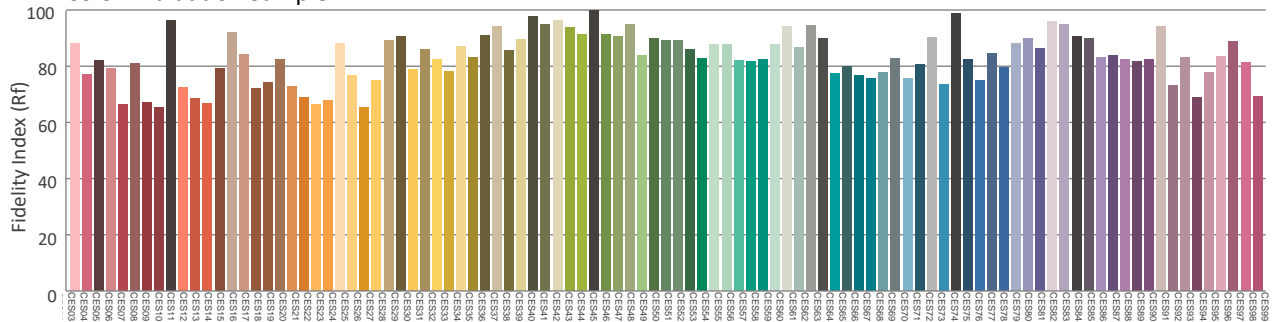
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Beam mode - Full Power

## Report Summary

### Measurements

Fixture Output: 30242 lm  
Fixture Peak: 482300 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 19292 lux  
Color Temperature: 6976 K  
CRI: 81.5    CRI R9 Value: 1.4  
CQS: 77.9  
TLCI: 62  
TM-30 Rf: 83.8  
TM-30 Rg: 92.8  
Beam Angle (50%): 7.4°  
Field Angle (10%): 19.9°  
Cutoff Angle (3%): 25.6°

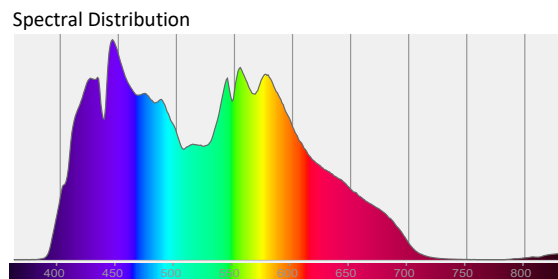
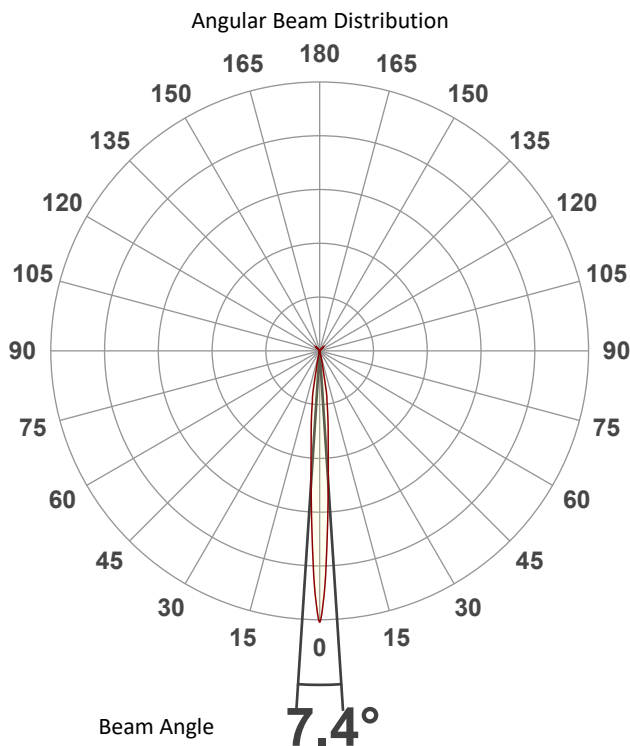


### Conditions

AC Supply: 115 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 5/2/2023 to LM-63-2002 Standards.

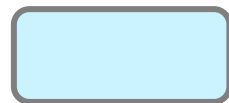
## Overall Measurement



Tested Color (CIE 1931):

X: 0.307

Y: 0.318



Light Quality

CRI: 81.5

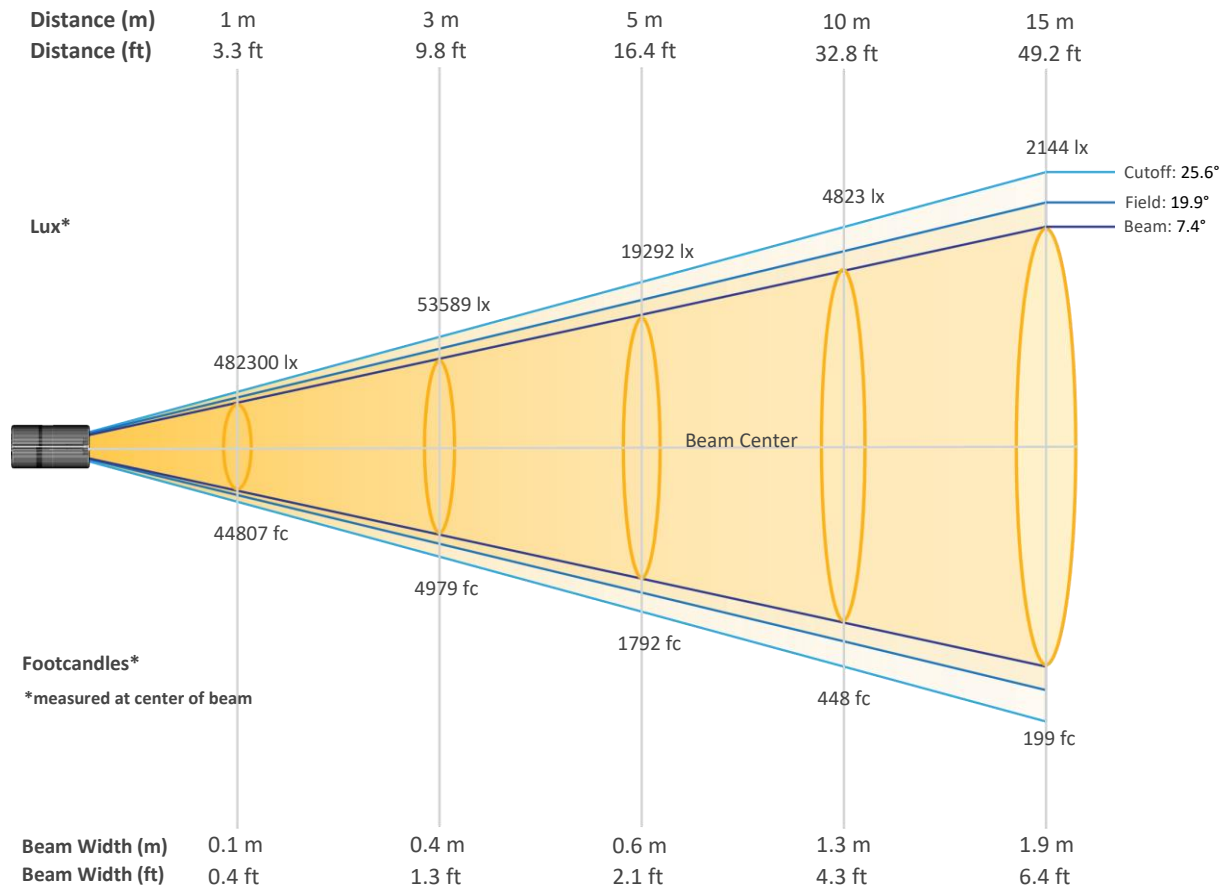
Color Temperature

6976 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Beam mode - Full Power

## Beam Details

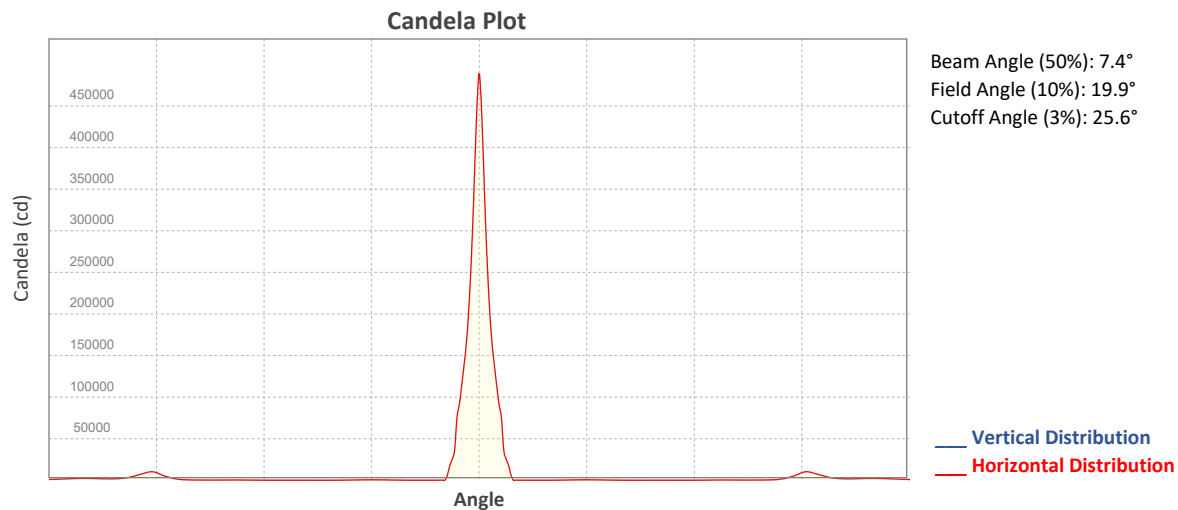


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	482300	120575	53589	30144	19292	13397	9843	7536	5954	4823
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3986	3349	2854	2461	2144	1884	1669	1489	1336	1206
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	44807	11202	4979	2800	1792	1245	914	700	553	448
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	370	311	265	229	199	175	155	138	124	112

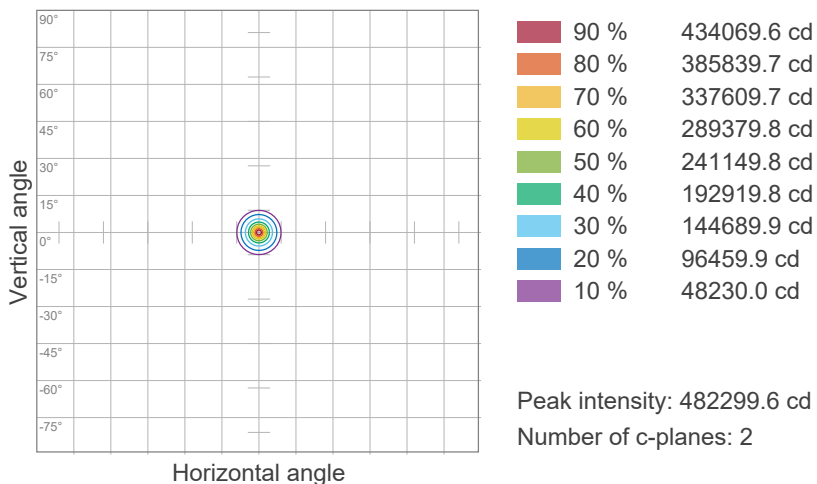
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Beam mode - Full Power

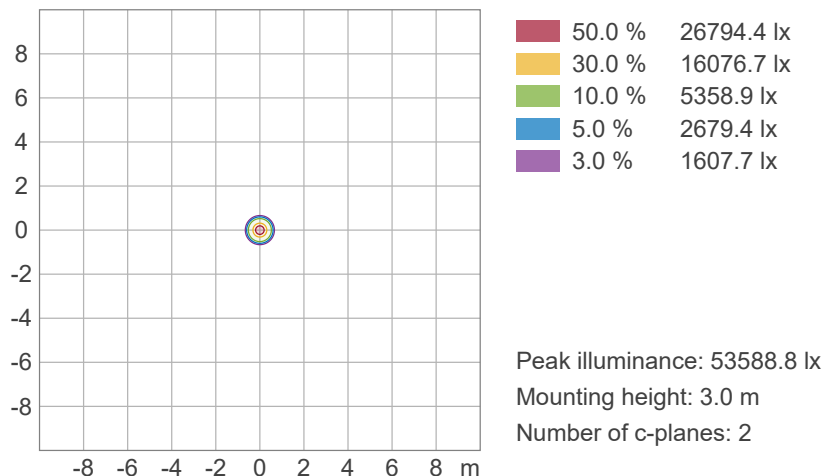


## ISO Diagrams

ISO Candela Diagram



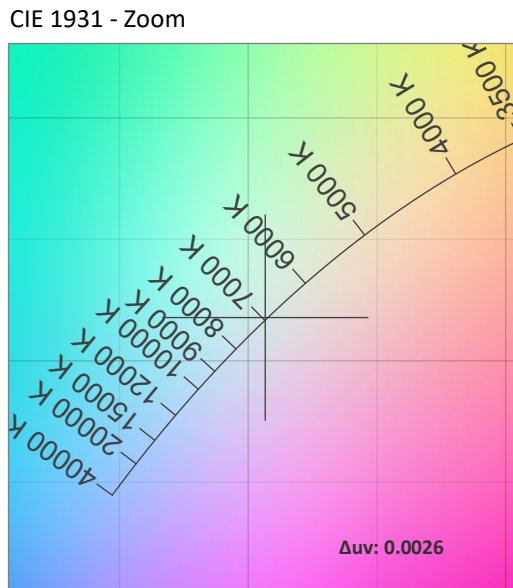
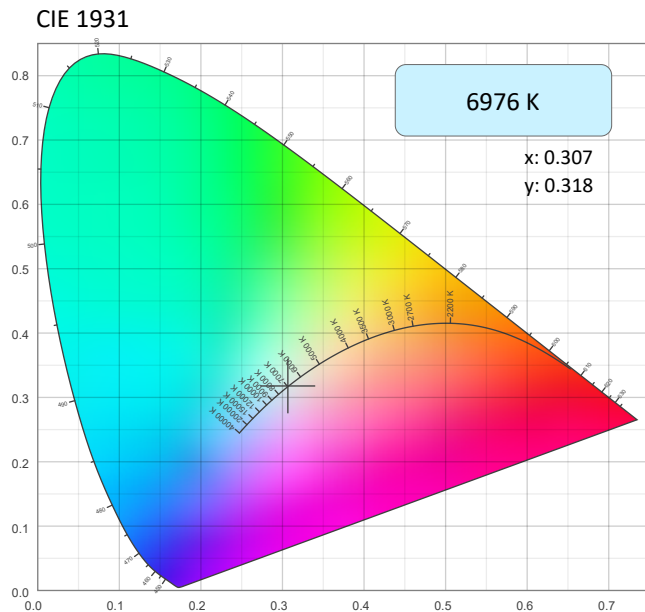
ISO Lux Diagram



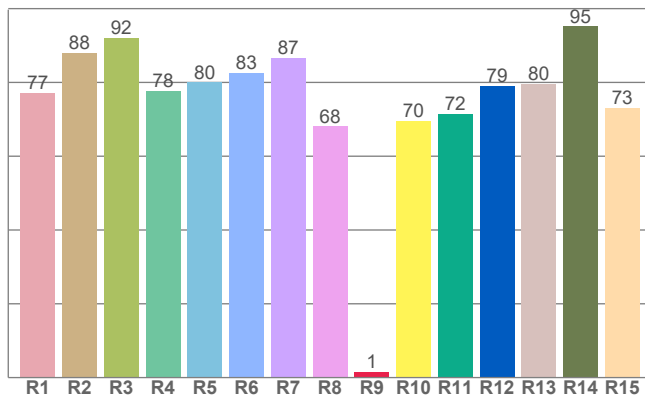
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Flood-Beam mode - Full Power

## Chromaticity



CRI: 81.5 (R1-R8)

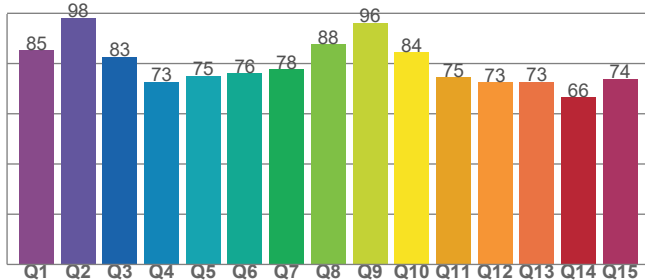


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6976 K	0.307	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0026	0.318	0.198

CQS: 77.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.5	1.4	77.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
62	83.8	92.8

# Photometric & Chromaticity Report

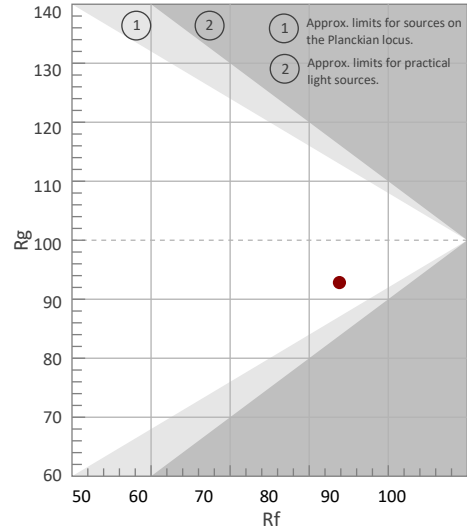
Maverick Storm 1 Hybrid: Full Flood-Beam mode - Full Power

## TM-30 Details

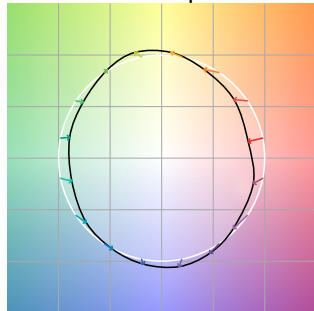
**Rf 83.8**  
Fidelity Index (Rg)

**Rg 92.8**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	-15%	-1%
2	77	-10%	8%
3	77	-6%	13%
4	82	2%	11%
5	88	6%	6%
6	94	0%	-4%
7	89	-7%	-3%
8	85	-9%	-2%
9	87	-10%	5%
10	83	-5%	11%
11	80	0%	9%
12	89	4%	3%
13	90	6%	-4%
14	86	3%	-13%
15	77	-4%	-18%
16	82	-8%	-7%



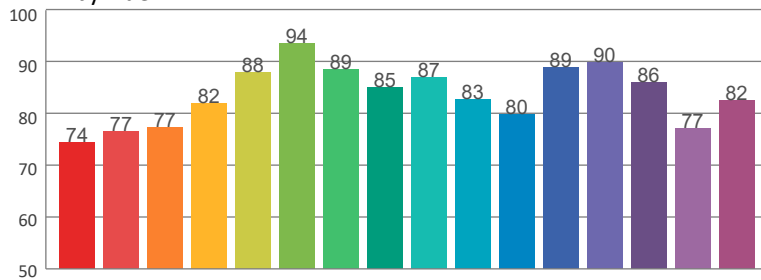
Color Vector Graphic



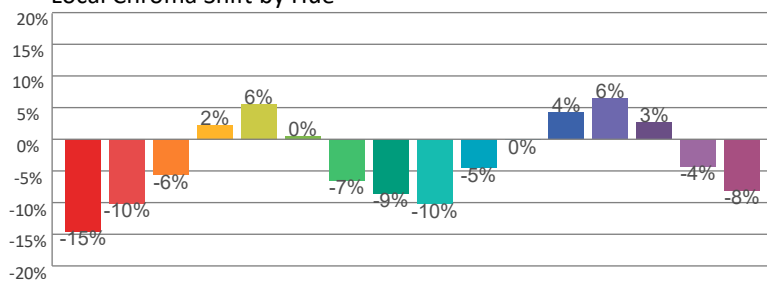
Color Distortion Graphic



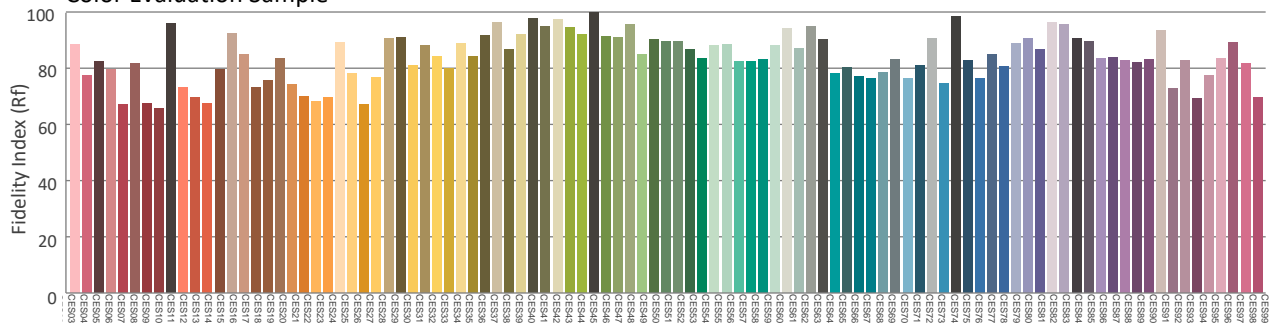
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Cyan - Full Power

## Report Summary

### Measurements

Fixture Output: 2877 lm  
Fixture Peak: 170337 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 6813 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%): 6.7°  
Field Angle (10%): 11.8°  
Cutoff Angle (3%): 14.7°

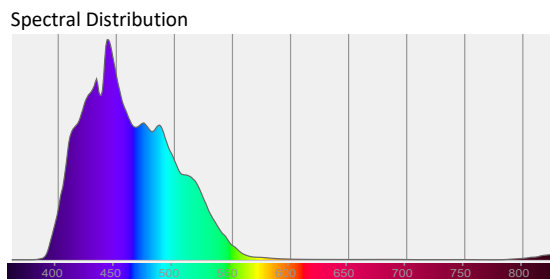
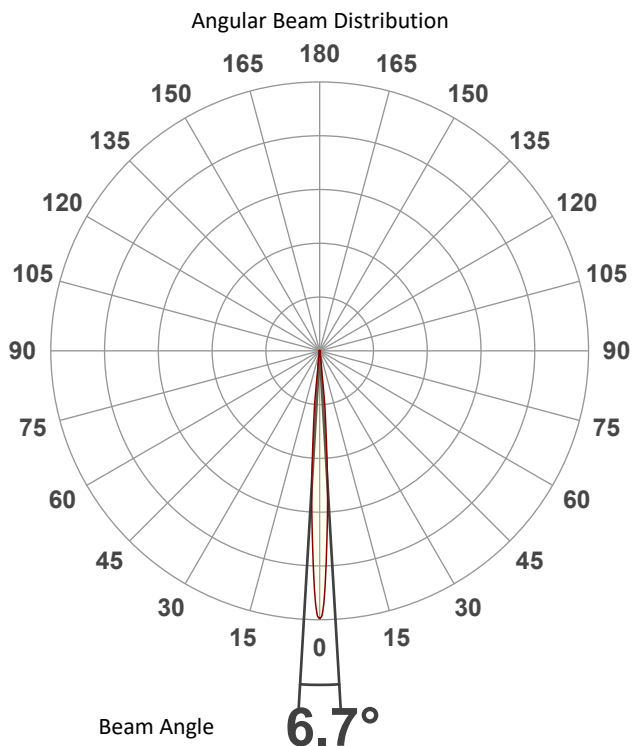


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

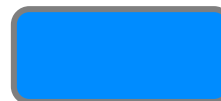
## Overall Measurement



Tested Color (CIE 1931):

X: 0.144

Y: 0.132



Light Quality

CRI: 0.0

Color Temperature

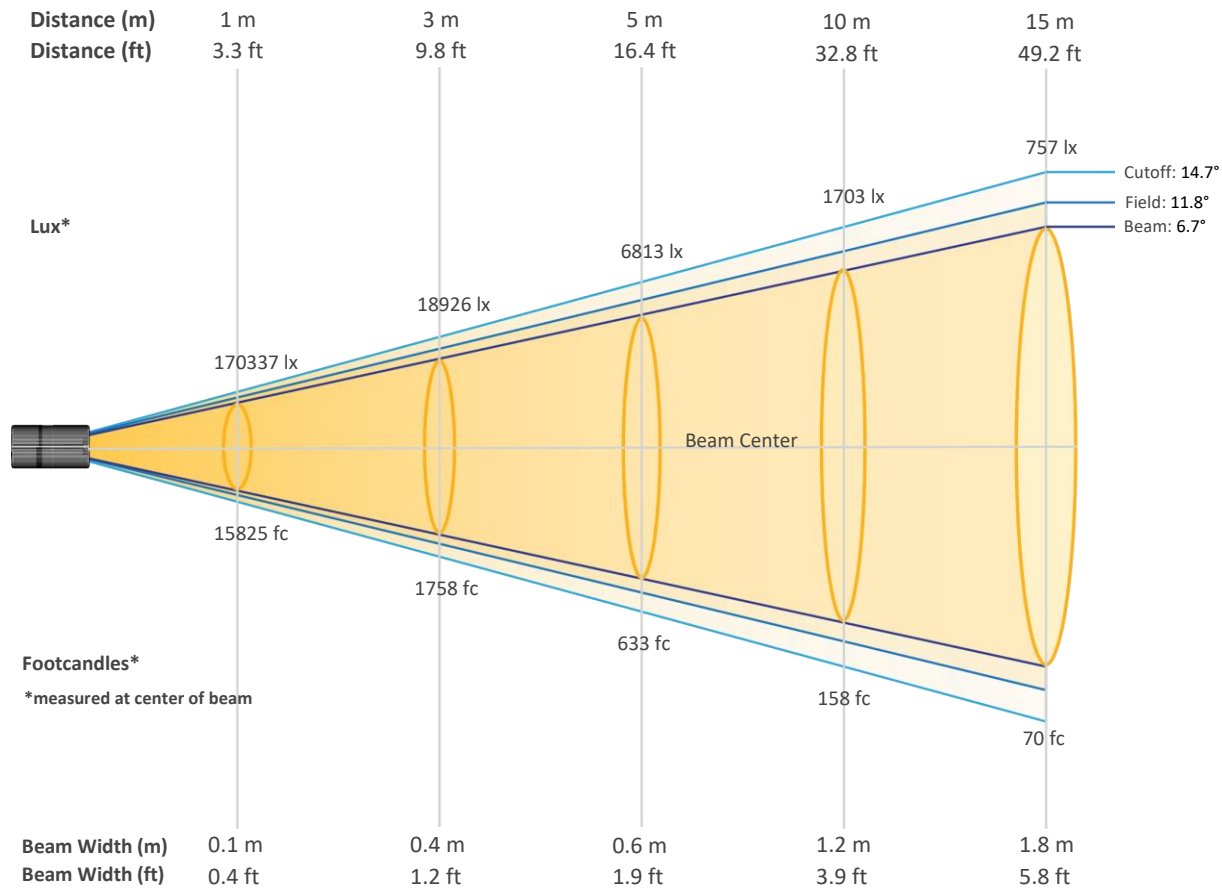
0 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Cyan - Full Power

## Beam Details

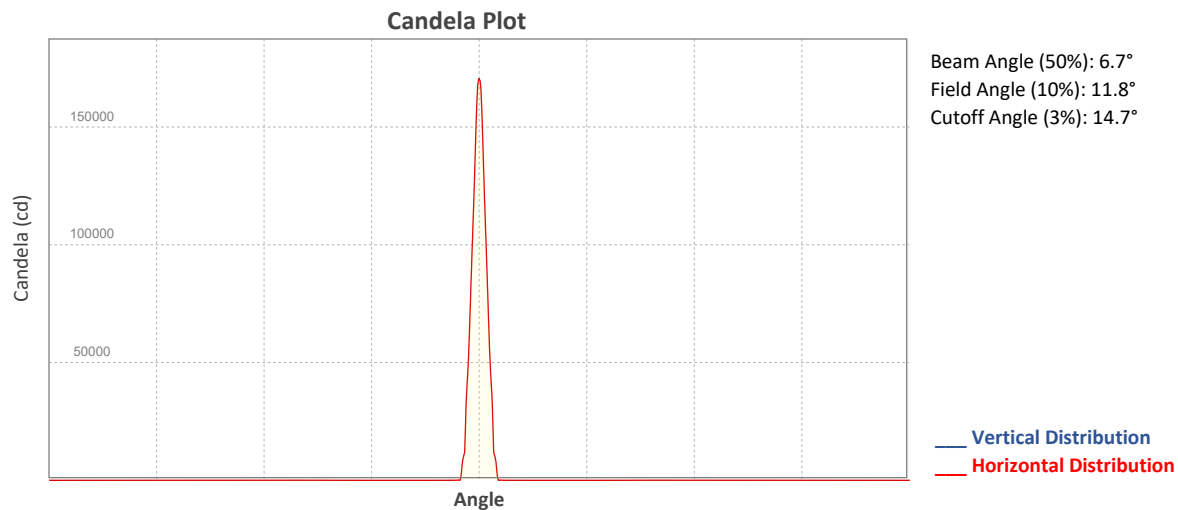


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	170337	42584	18926	10646	6813	4732	3476	2662	2103	1703
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1408	1183	1008	869	757	665	589	526	472	426
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15825	3956	1758	989	633	440	323	247	195	158
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	131	110	94	81	70	62	55	49	44	40

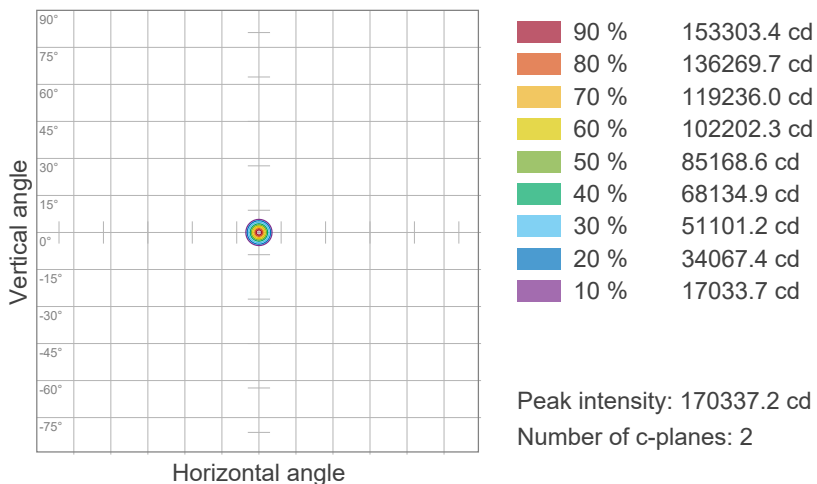
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Cyan - Full Power

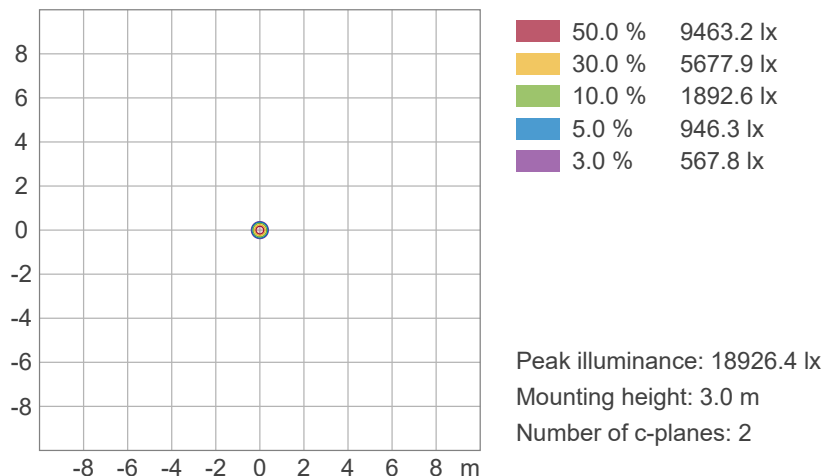


## ISO Diagrams

### ISO Candela Diagram



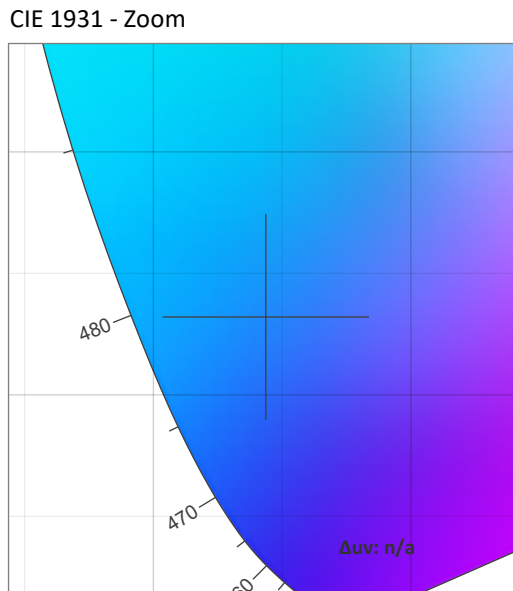
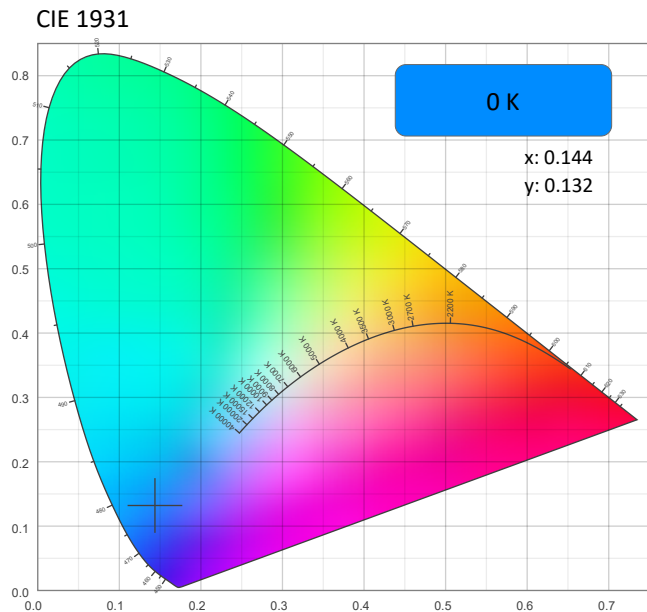
### ISO Lux Diagram



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 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
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.144	0.132

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.132	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

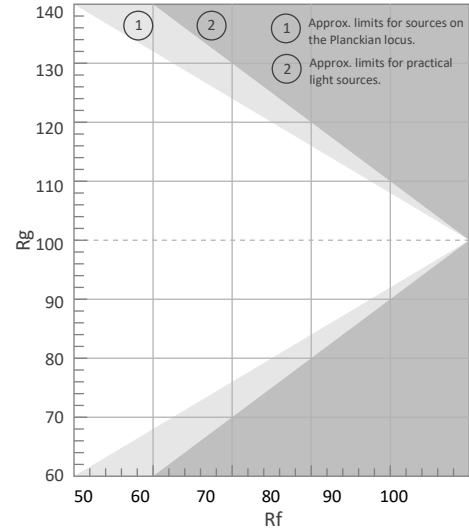
Maverick Storm 1 Hybrid: 50% Zoom-w/Cyan - Full Power

## TM-30 Details

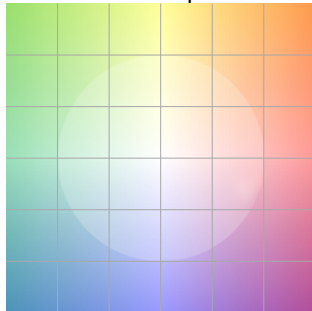
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

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



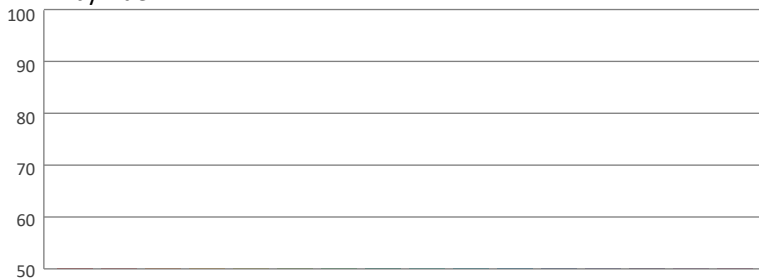
Color Vector Graphic



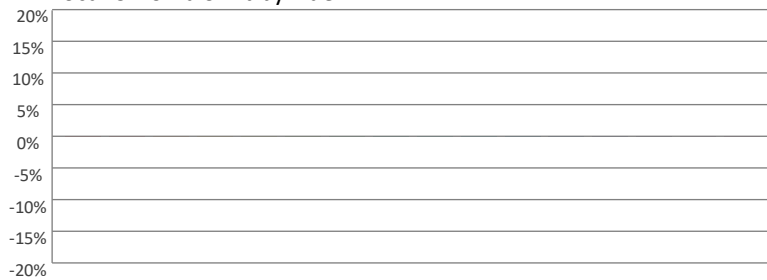
Color Distortion Graphic



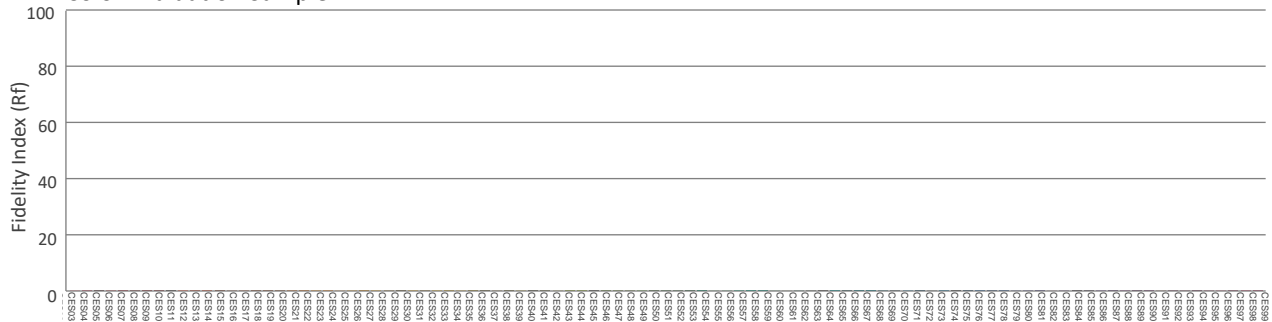
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Magenta - Full Power

## Report Summary

### Measurements

Fixture Output: 855 lm  
Fixture Peak: 41834 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1673 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%): 7°  
Field Angle (10%): 11.8°  
Cutoff Angle (3%): 15°

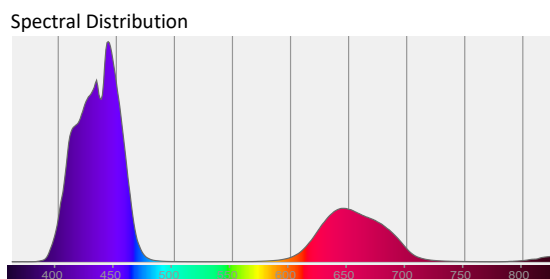
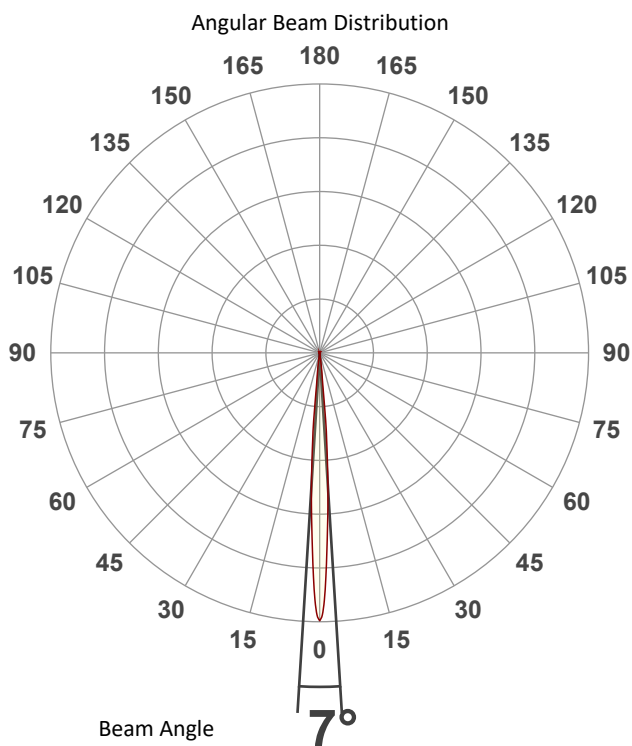


### Conditions

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 4/24/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.218

Y: 0.046



Light Quality

CRI: 0.0

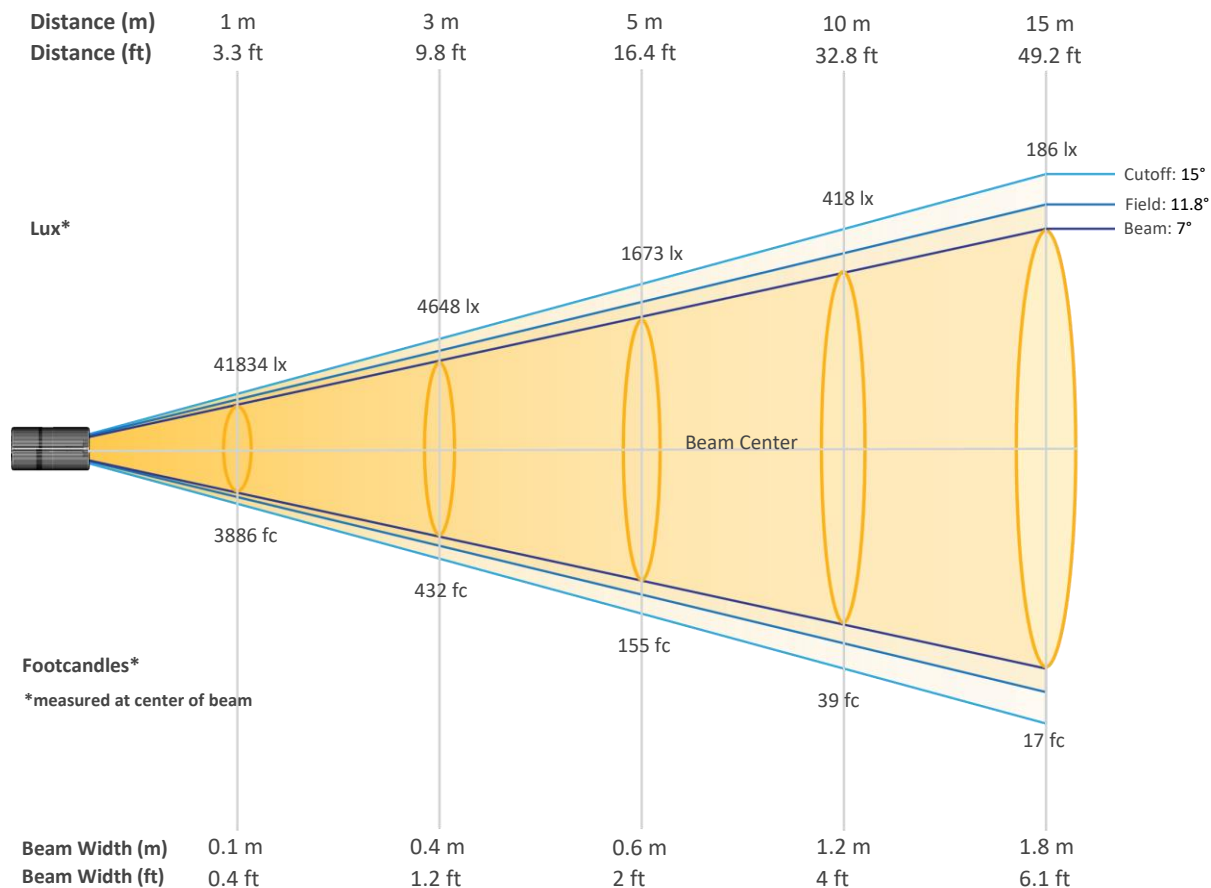
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Magenta - Full Power

## Beam Details

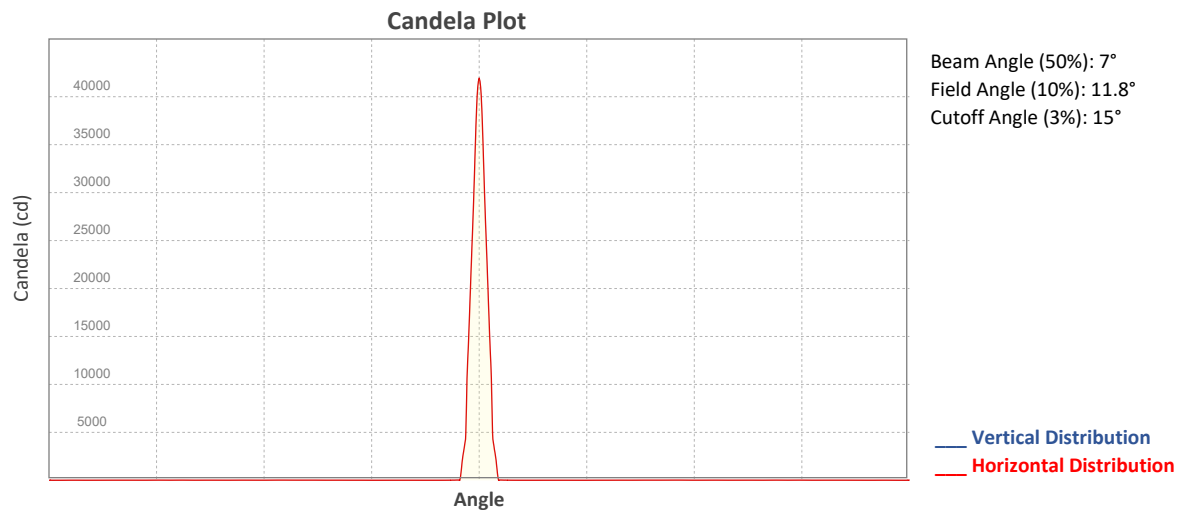


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	41834	10458	4648	2615	1673	1162	854	654	516	418
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	346	291	248	213	186	163	145	129	116	105
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3886	972	432	243	155	108	79	61	48	39
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	32	27	23	20	17	15	13	12	11	10

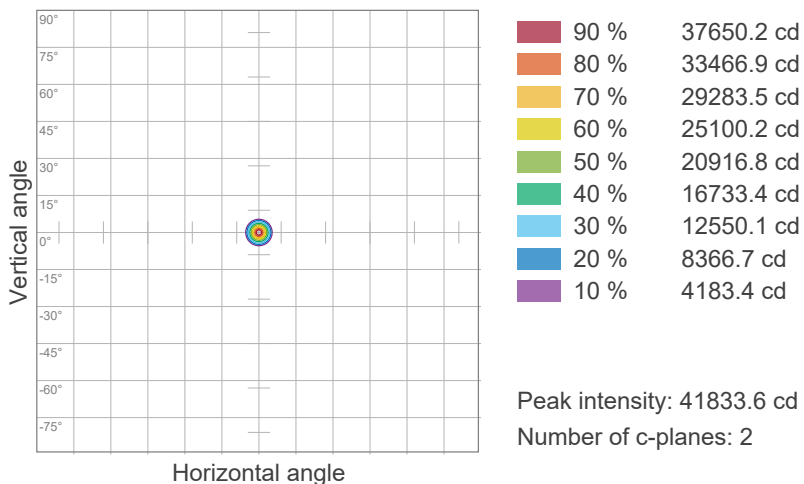
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Magenta - Full Power

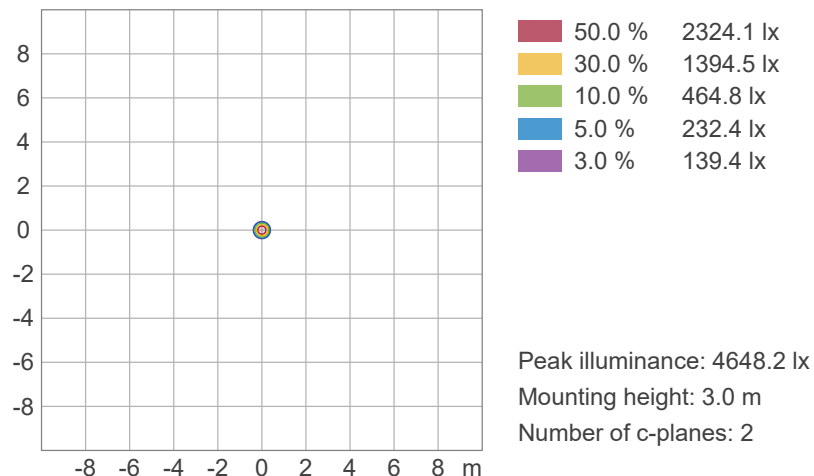


## ISO Diagrams

### ISO Candela Diagram



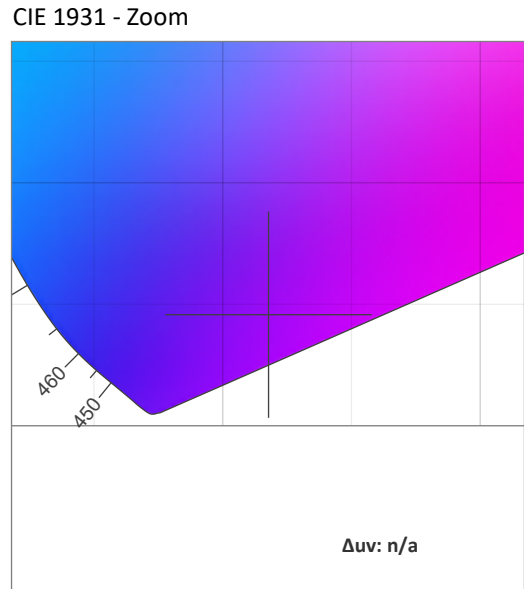
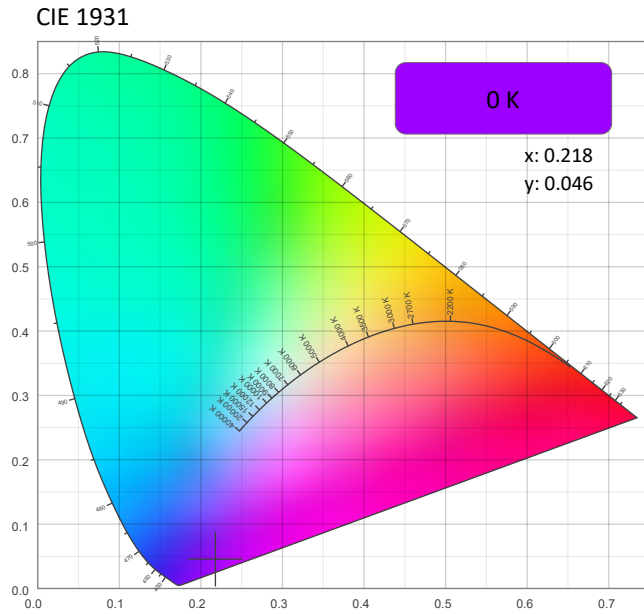
### ISO Lux Diagram



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 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
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

### CQS: 0.0

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

### Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.218	0.046

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.046	0.280

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

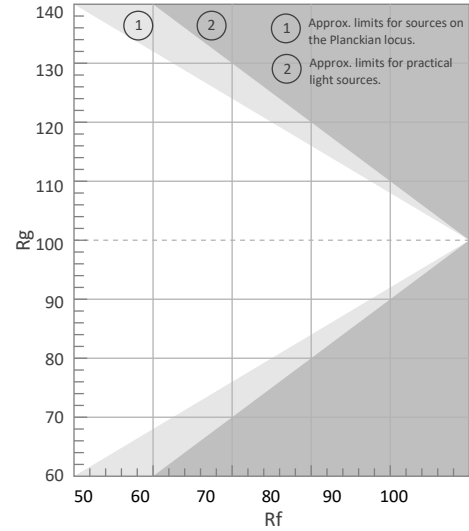
Maverick Storm 1 Hybrid: 50% Zoom-w/Magenta - Full Power

## TM-30 Details

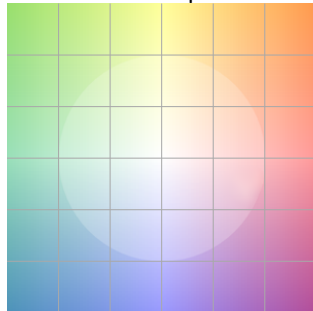
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

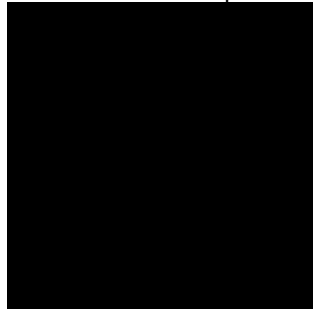
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



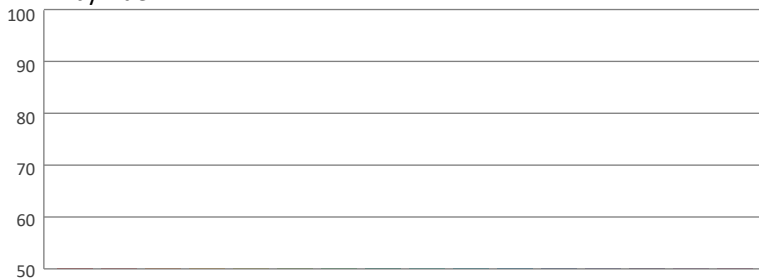
Color Vector Graphic



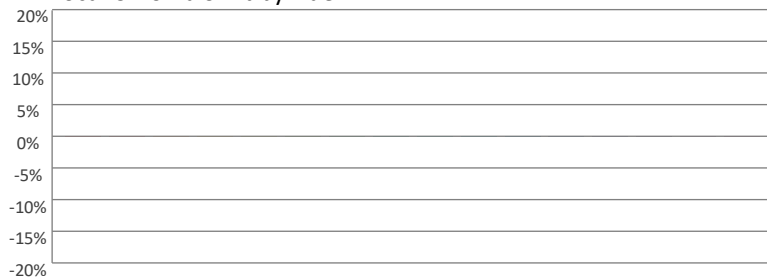
Color Distortion Graphic



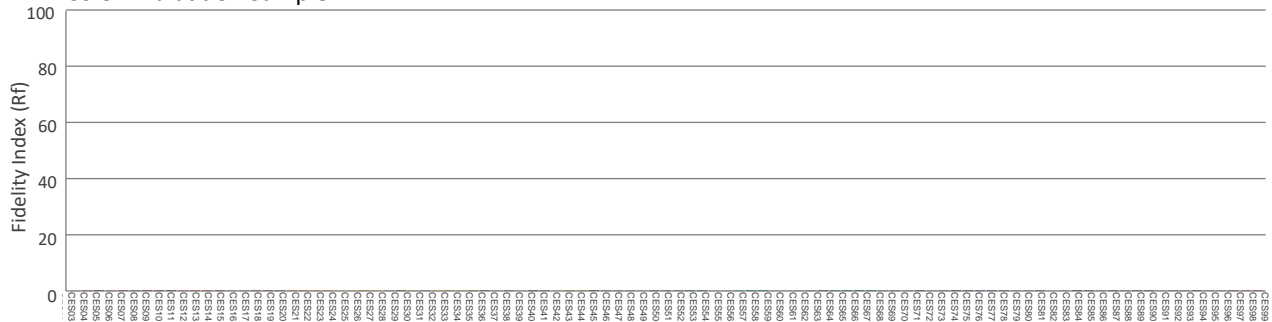
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Yellow - Full Power

## Report Summary

### Measurements

Fixture Output: 10286 lm  
Fixture Peak: 618832 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 24753 lux  
Color Temperature: 3264 K  
CRI: 28.1    CRI R9 Value: -122.2  
CQS: 0.3  
TLCI: 2  
TM-30 Rf: 16.4  
TM-30 Rg: 14.8  
Beam Angle (50%): 6.8°  
Field Angle (10%): 11.6°  
Cutoff Angle (3%): 14.7°

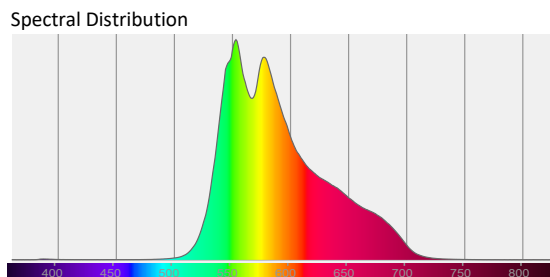
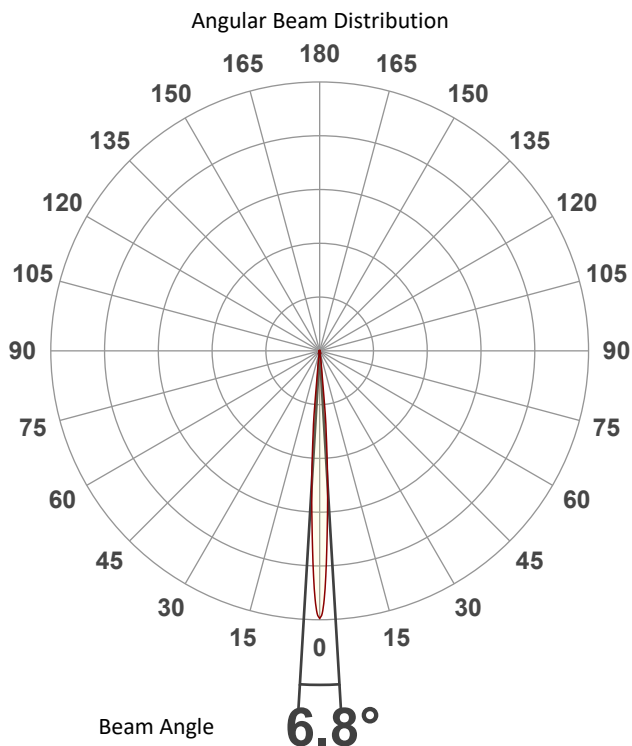


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.472

Y: 0.522



Light Quality

CRI: 28.1

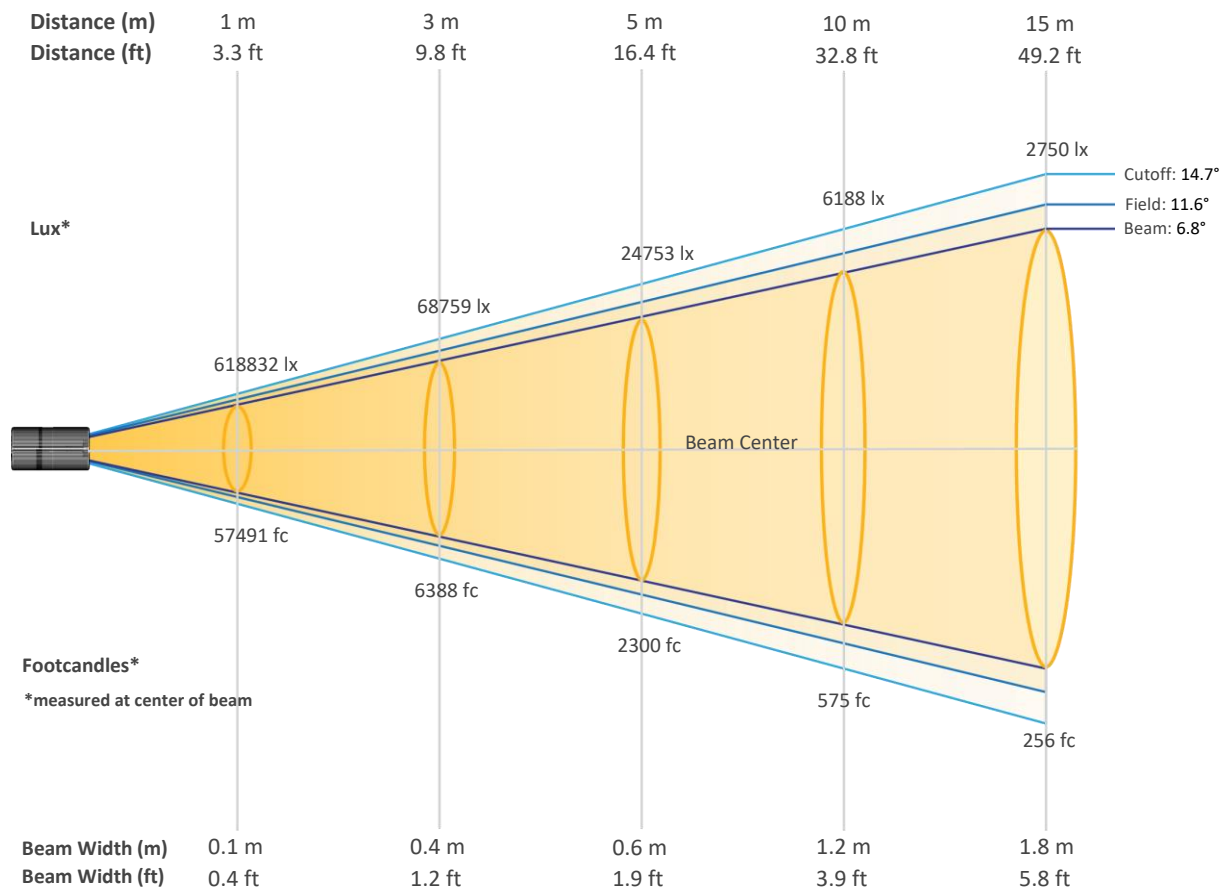
Color Temperature

3264 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Yellow - Full Power

## Beam Details

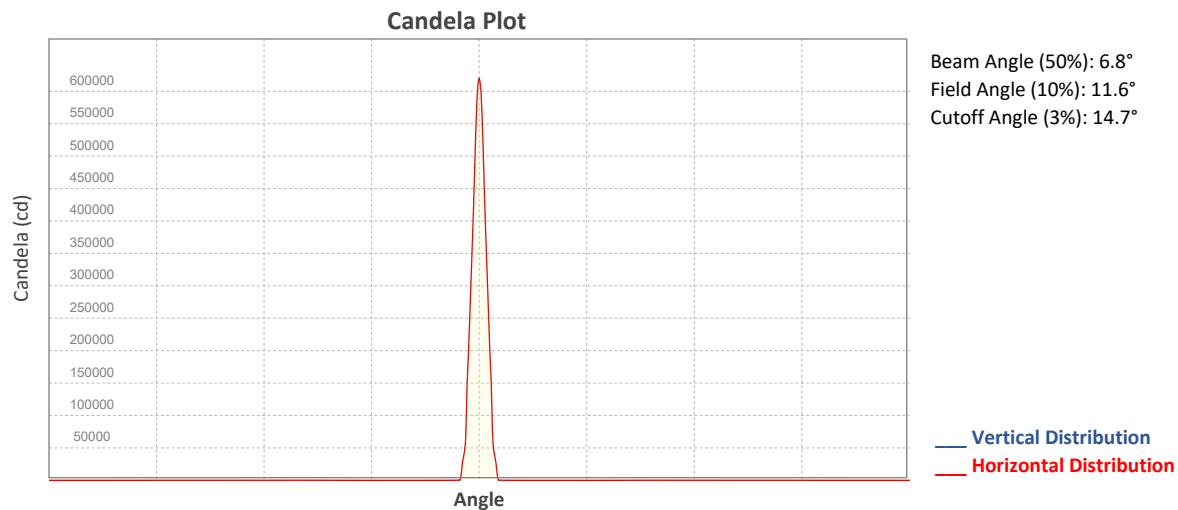


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	618832	154708	68759	38677	24753	17190	12629	9669	7640	6188
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	5114	4297	3662	3157	2750	2417	2141	1910	1714	1547
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	57491	14373	6388	3593	2300	1597	1173	898	710	575
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	475	399	340	293	256	225	199	177	159	144

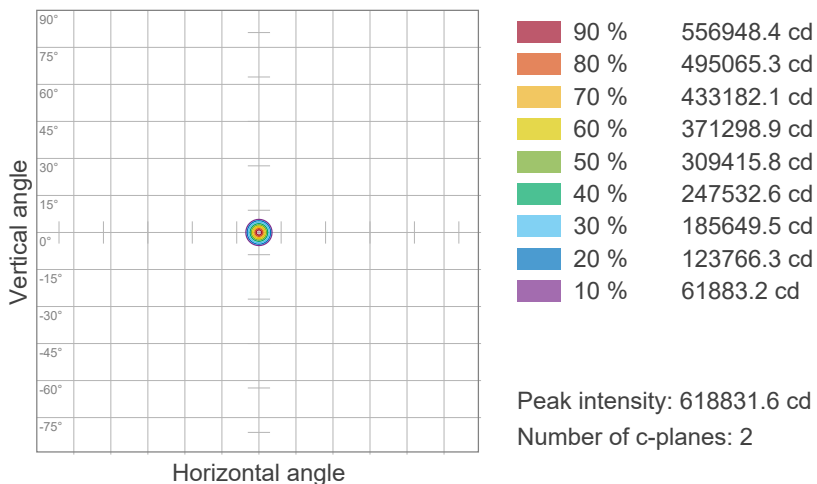
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Yellow - Full Power

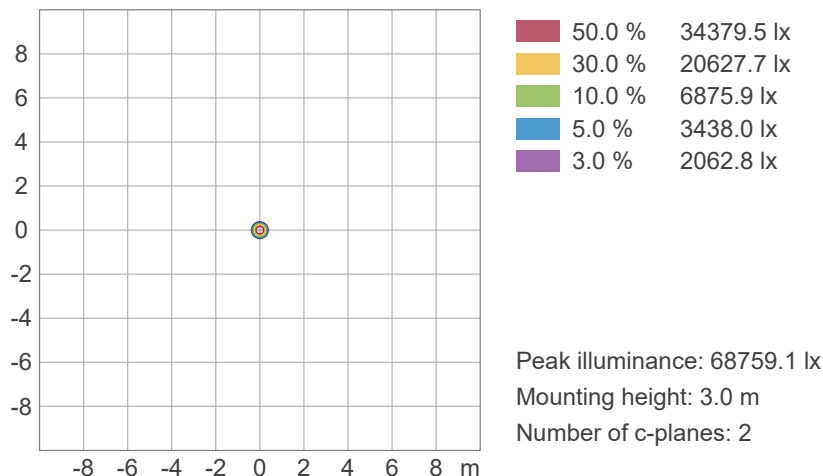


## ISO Diagrams

### ISO Candela Diagram



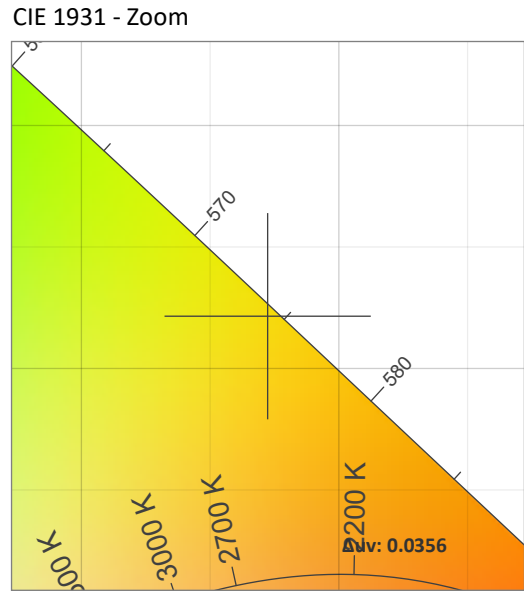
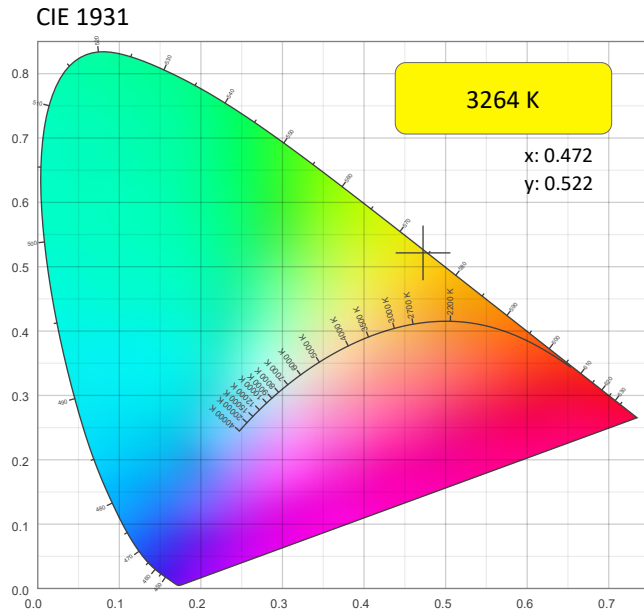
### ISO Lux Diagram



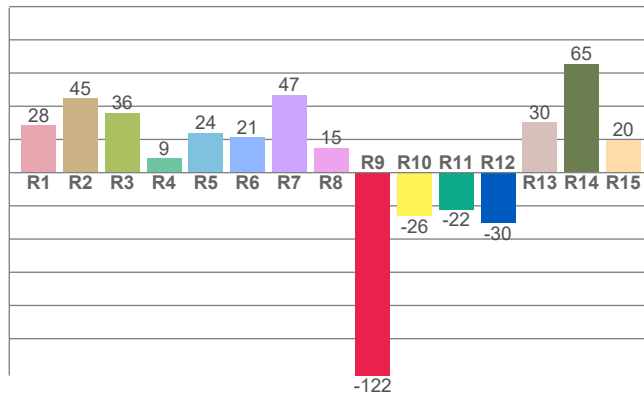
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Yellow - Full Power

## Chromaticity



CRI: 28.1 (R1-R8)



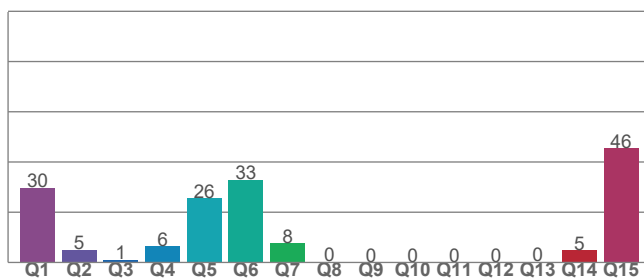
Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3264 K	0.472	0.522

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0356	0.522	0.227

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
28.1	-122.2	0.3

CQS: 0.3



Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	16.4	14.8

# Photometric & Chromaticity Report

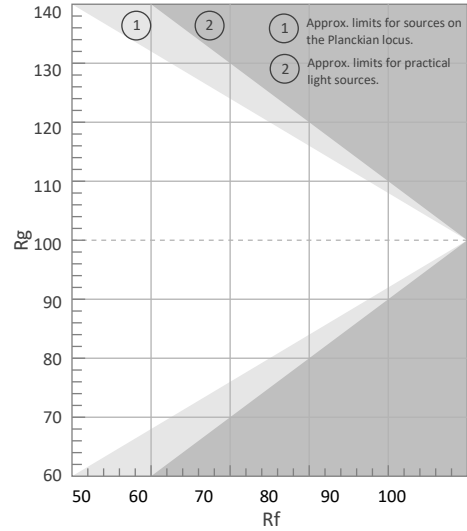
Maverick Storm 1 Hybrid: 50% Zoom-w/Yellow - Full Power

## TM-30 Details

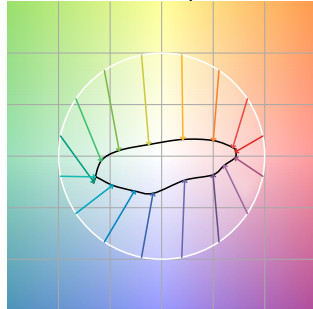
**Rf 16.4**  
Fidelity Index (Rg)

**Rg 14.8**  
Gammut Index (Rg)

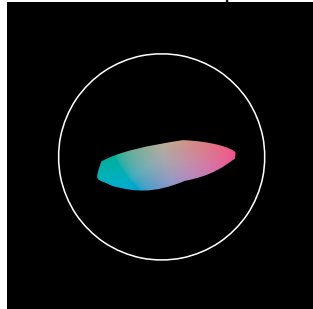
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	44	-29%	-10%
2	17	-38%	-31%
3	1	-60%	-33%
4	1	-80%	-17%
5	8	-87%	10%
6	2	-73%	31%
7	6	-54%	36%
8	18	-41%	38%
9	52	-33%	7%
10	25	-45%	-3%
11	16	-57%	-3%
12	16	-63%	-1%
13	9	-73%	17%
14	23	-57%	31%
15	25	-45%	26%
16	54	-30%	12%



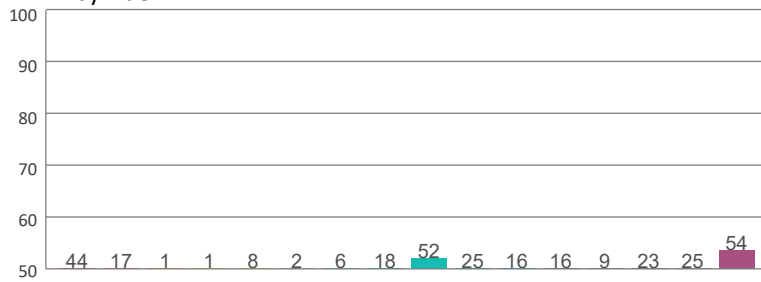
Color Vector Graphic



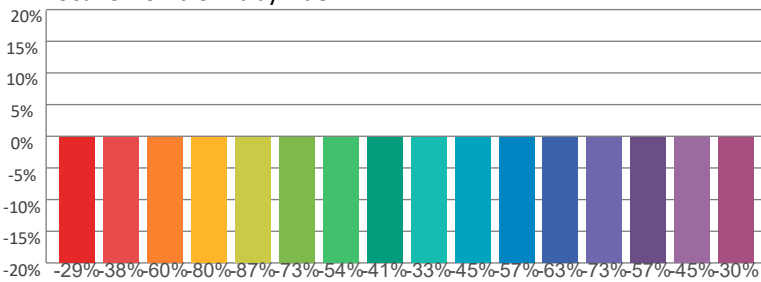
Color Distortion Graphic



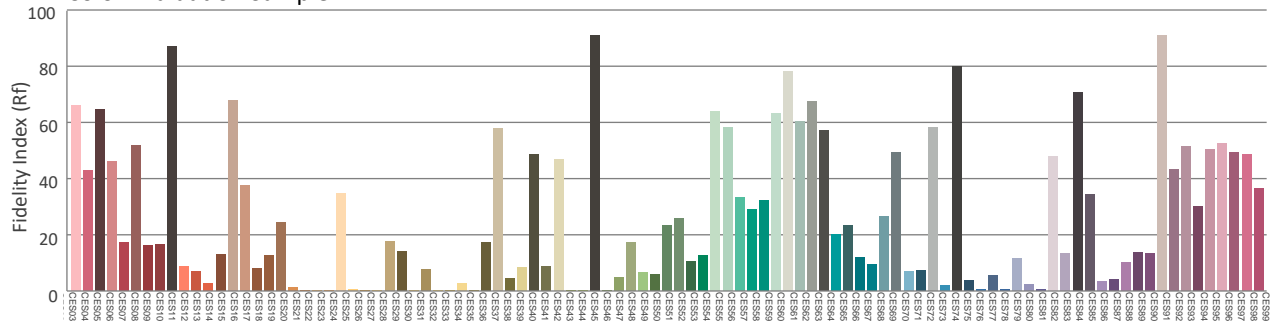
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-2700K - Full Power

## Report Summary

### Measurements

Fixture Output: 1842 lm  
Fixture Peak: 126896 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5076 lux  
Color Temperature: 2697 K  
CRI: 72.0    CRI R9 Value: 67.2  
CQS: 69.4  
TLCI: 37  
TM-30 Rf: 69.1  
TM-30 Rg: 99.8  
Beam Angle (50%): 5.9°  
Field Angle (10%): 11.5°  
Cutoff Angle (3%): 13.3°

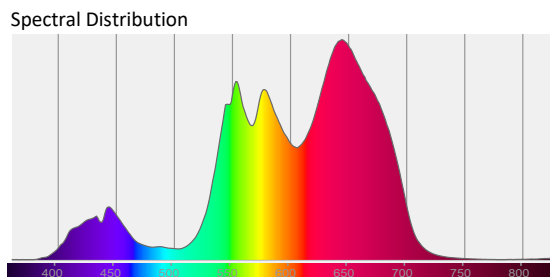
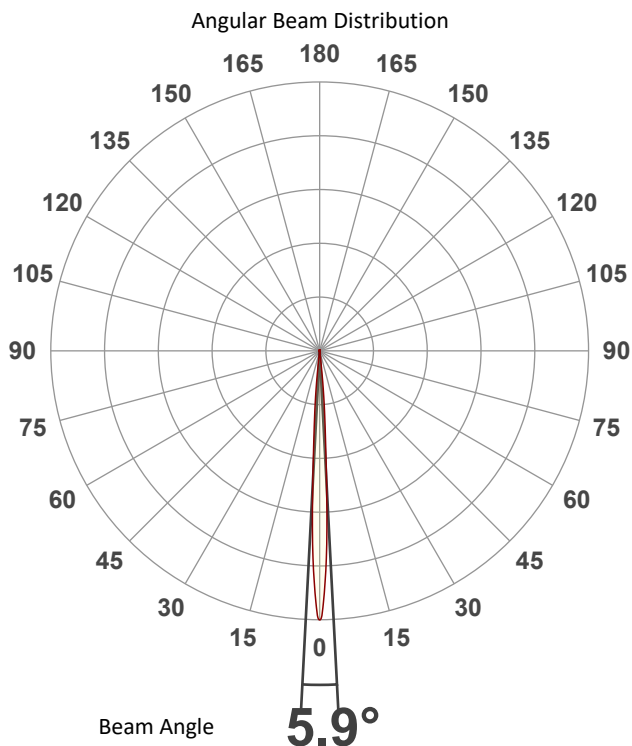


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

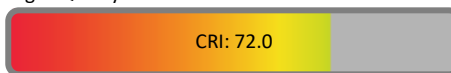
X: 0.464

Y: 0.418



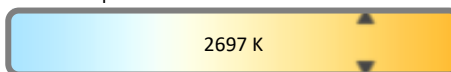
Light Quality

CRI: 72.0



Color Temperature

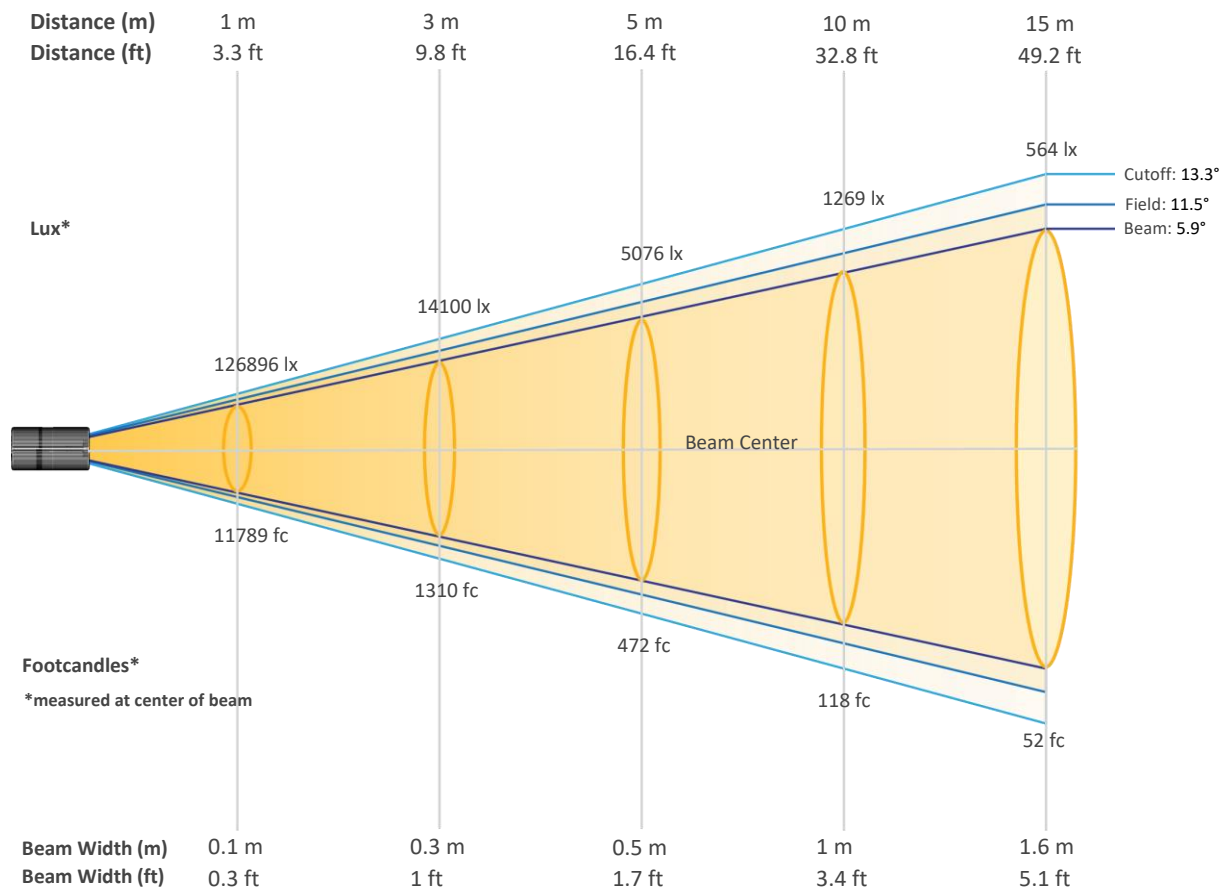
2697 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-2700K - Full Power

## Beam Details



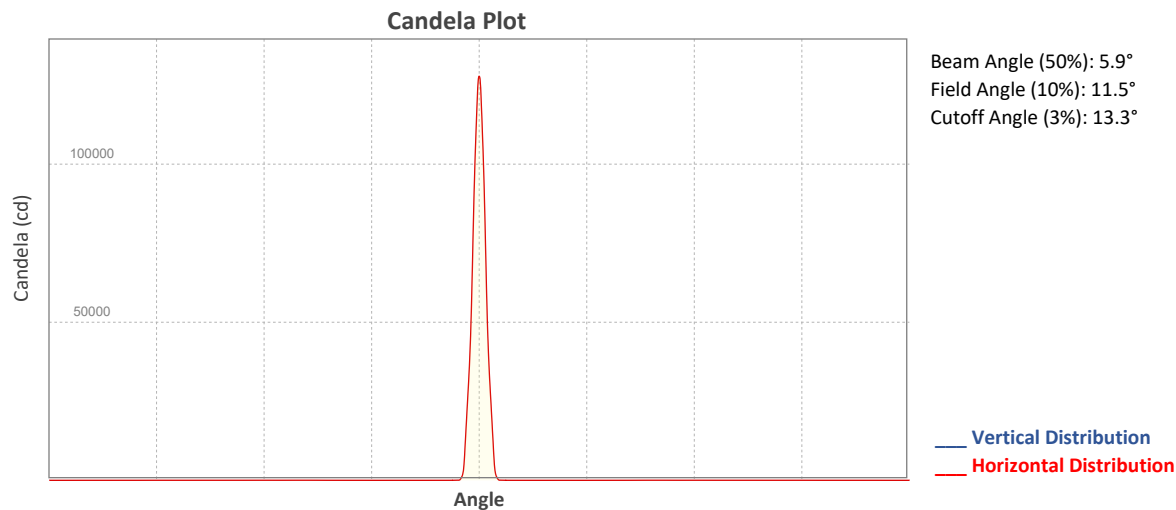
### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	126896	31724	14100	7931	5076	3525	2590	1983	1567	1269
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1049	881	751	647	564	496	439	392	352	317
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11789	2947	1310	737	472	327	241	184	146	118
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	97	82	70	60	52	46	41	36	33	29



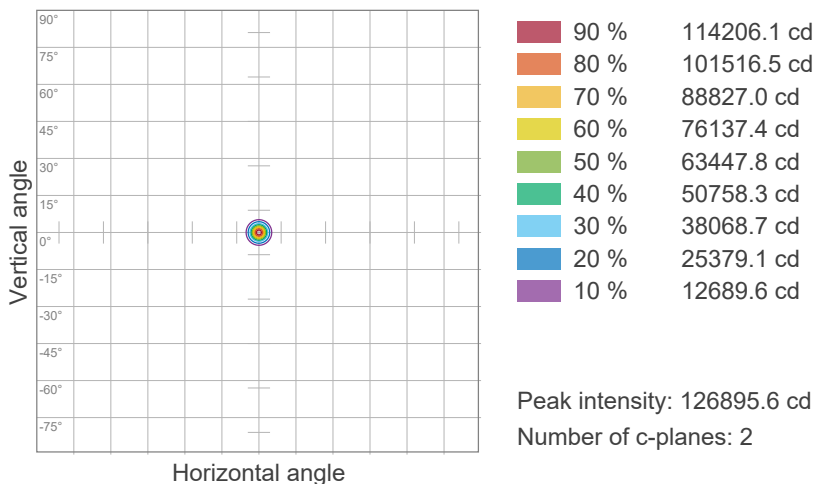
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-2700K - Full Power

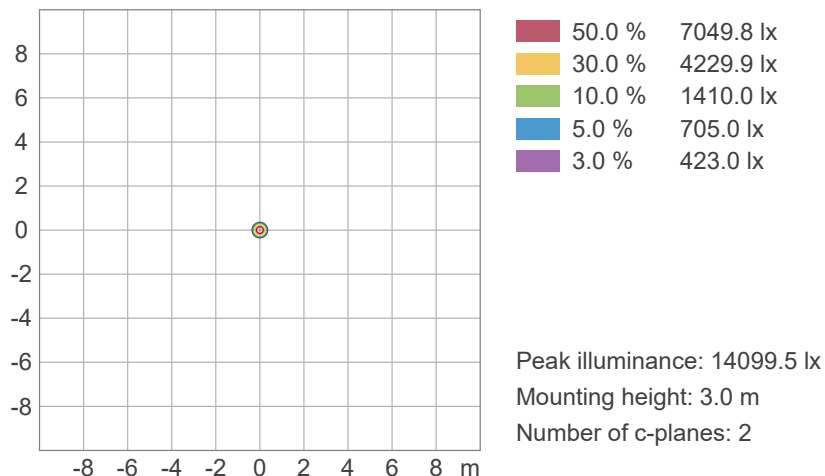


## ISO Diagrams

### ISO Candela Diagram



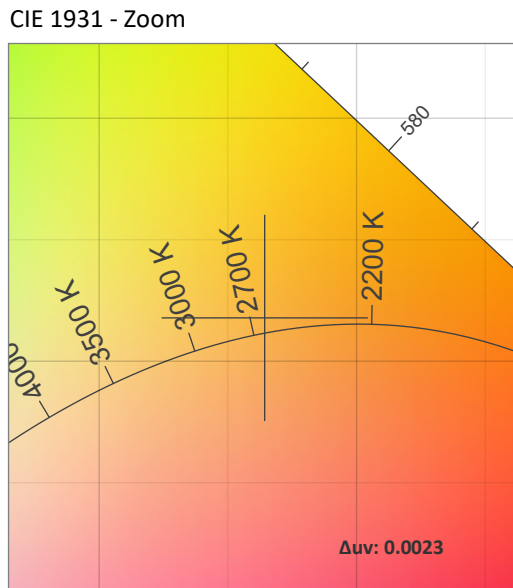
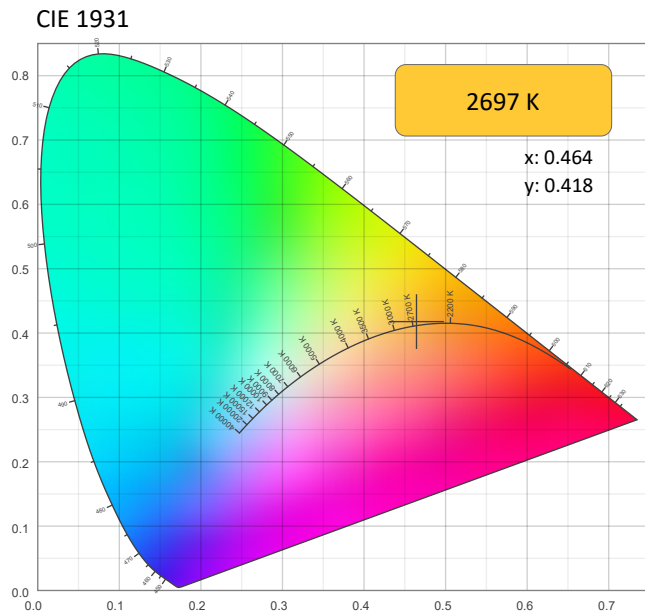
### ISO Lux Diagram



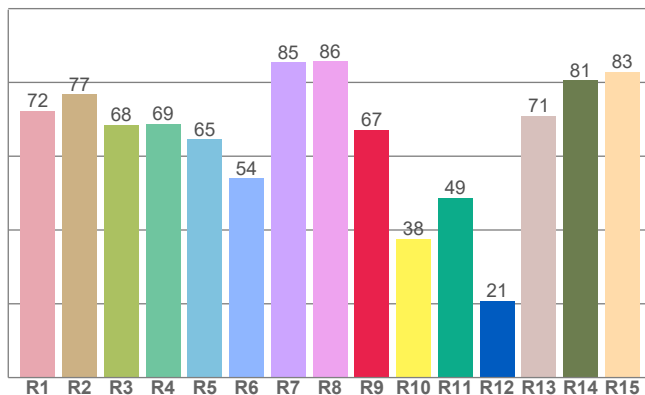
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-2700K - Full Power

## Chromaticity



CRI: 72.0 (R1-R8)

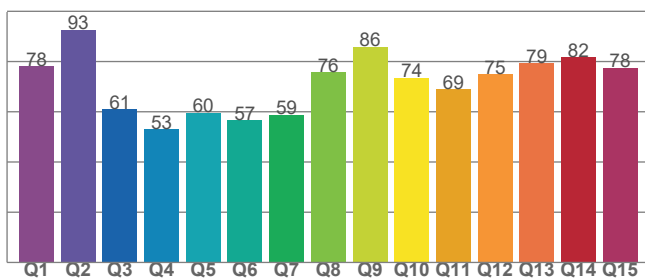


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2697 K	0.464	0.418

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0023	0.418	0.262

CQS: 69.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	67.2	69.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
37	69.1	99.8

# Photometric & Chromaticity Report

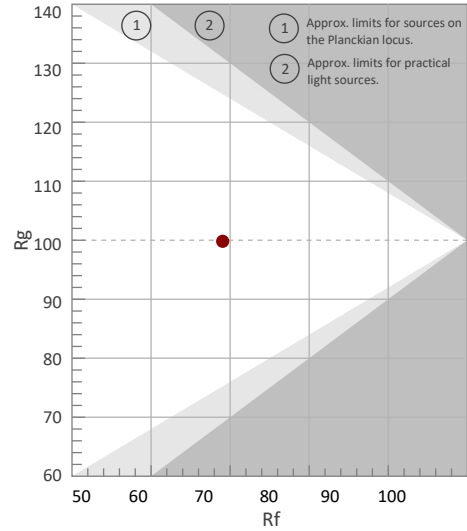
Maverick Storm 1 Hybrid: 50% Zoom-2700K - Full Power

## TM-30 Details

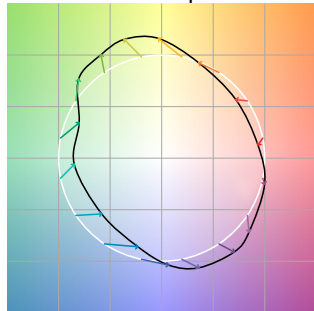
**Rf 69.1**  
Fidelity Index (Rg)

**Rg 99.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	82	-6%	-6%
2	79	-9%	7%
3	59	-3%	21%
4	59	13%	26%
5	69	20%	13%
6	75	16%	-7%
7	67	10%	-19%
8	65	-15%	-18%
9	68	-16%	-11%
10	61	-22%	13%
11	55	-16%	29%
12	58	0%	27%
13	76	11%	15%
14	79	15%	8%
15	74	10%	-12%
16	86	3%	-5%



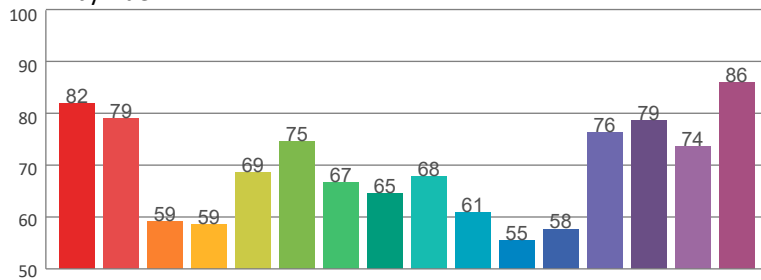
Color Vector Graphic



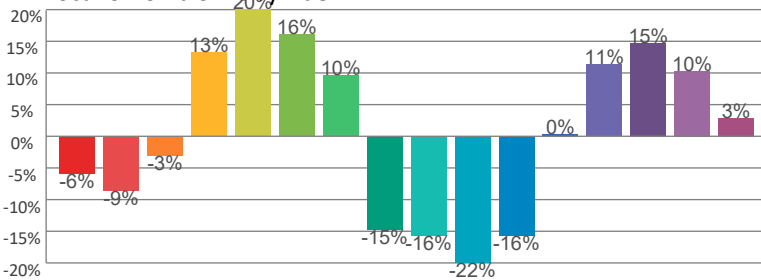
Color Distortion Graphic



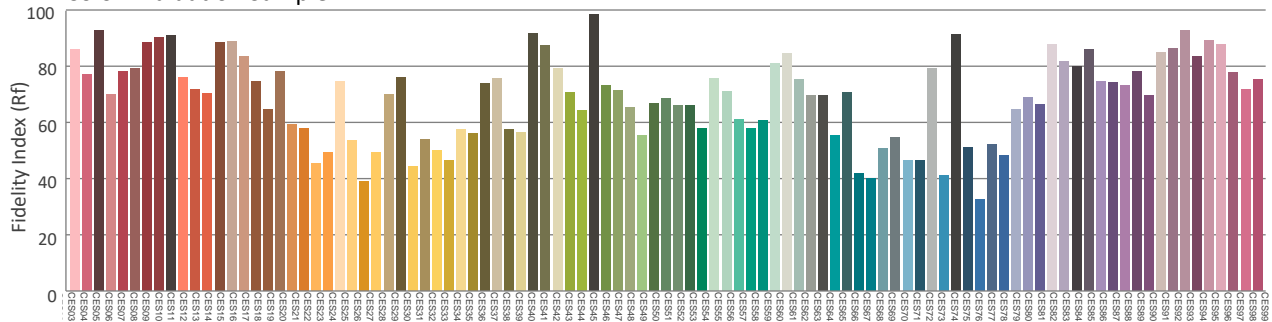
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-3200K - Full Power

## Report Summary

### Measurements

Fixture Output: 2594 lm  
Fixture Peak: 183042 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 7322 lux  
Color Temperature: 3231 K  
CRI: 67.7    CRI R9 Value: 27.3  
CQS: 66.8  
TLCI: 35  
TM-30 Rf: 68.2  
TM-30 Rg: 95.7  
Beam Angle (50%): 6°  
Field Angle (10%): 11.5°  
Cutoff Angle (3%): 13.3°

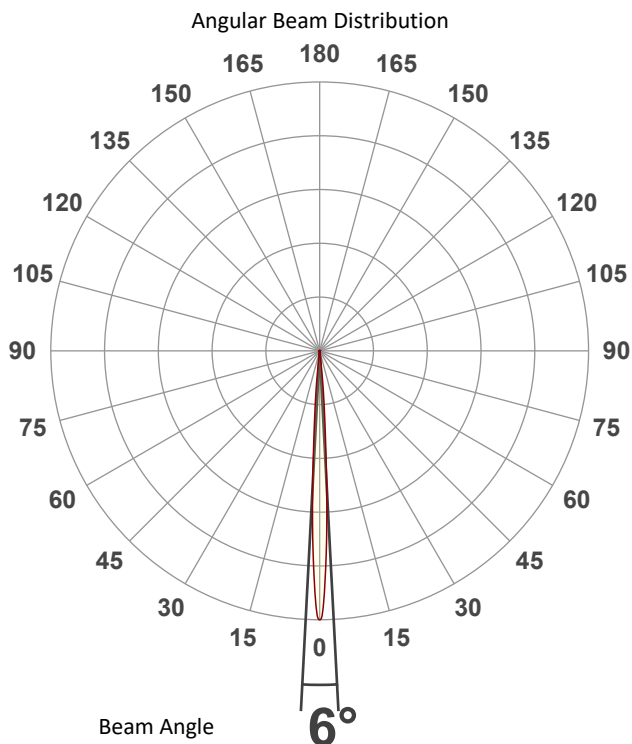


### Conditions

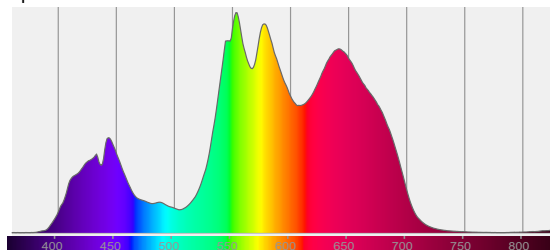
AC Supply: 119 V, 60 Hz  
Power: n/a W  
Current: 0.000 A  
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

## Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

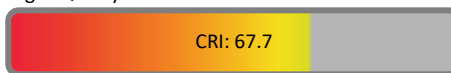
X: 0.424

Y: 0.403



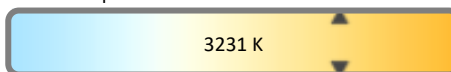
Light Quality

CRI: 67.7



Color Temperature

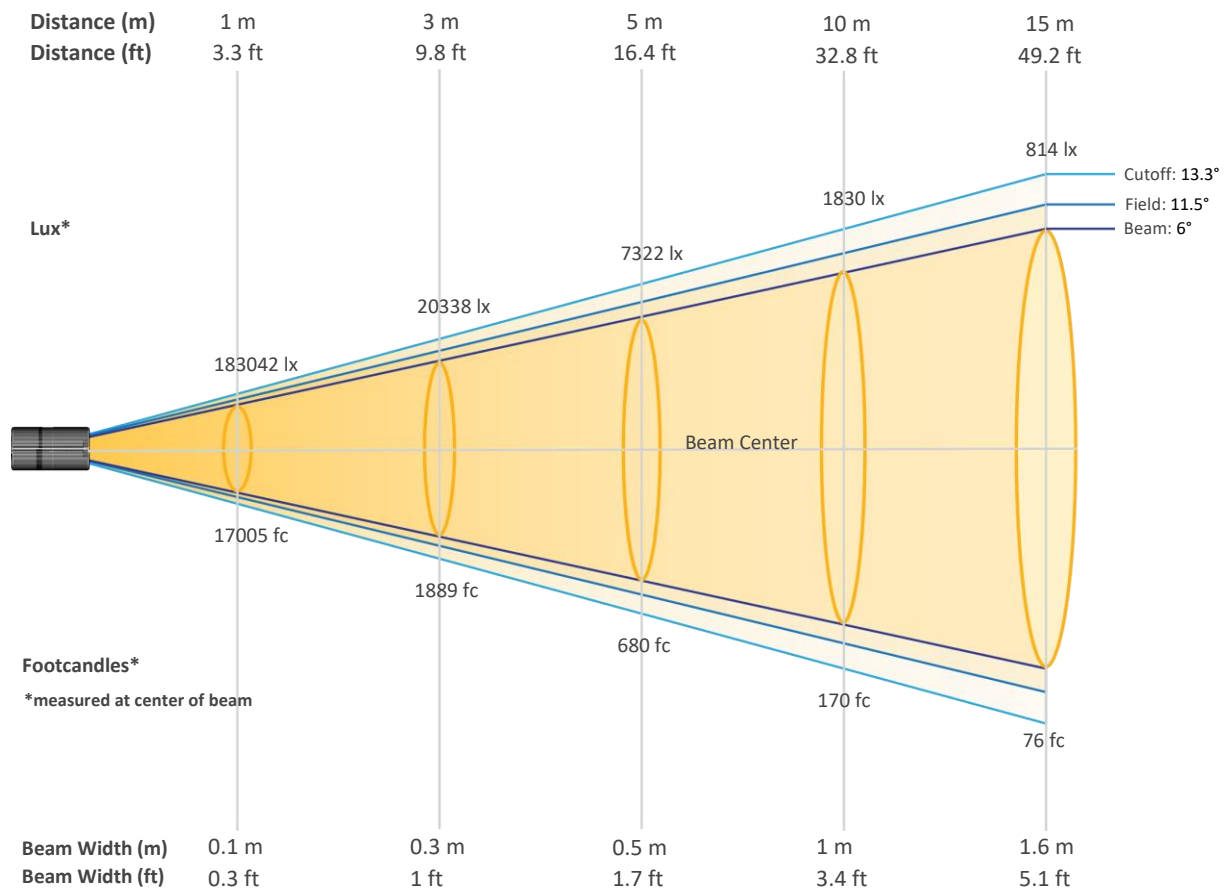
3231 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-3200K - Full Power

## Beam Details

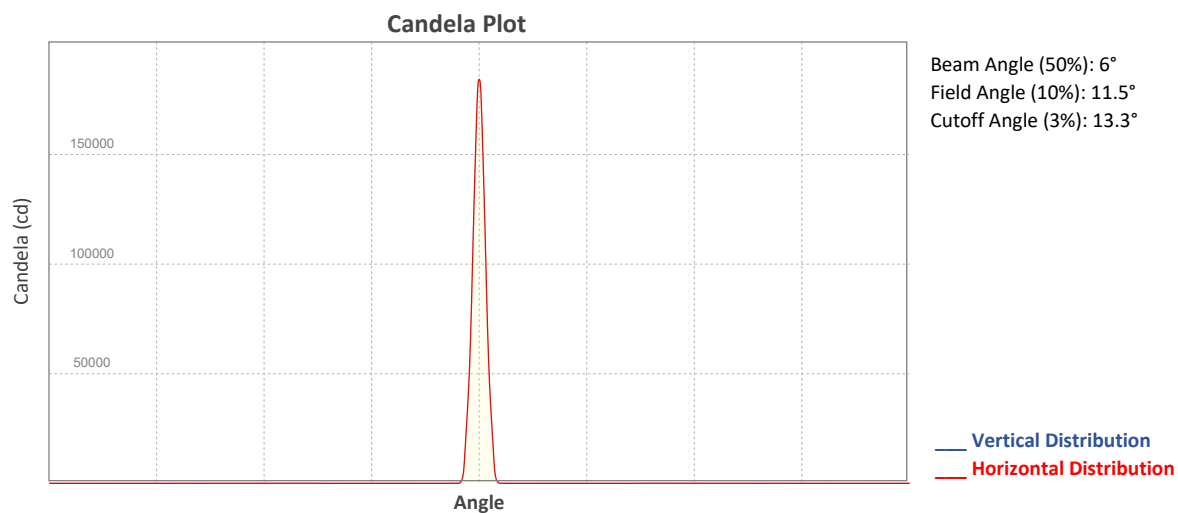


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	183042	45761	20338	11440	7322	5085	3736	2860	2260	1830
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1513	1271	1083	934	814	715	633	565	507	458
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	17005	4251	1889	1063	680	472	347	266	210	170
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	141	118	101	87	76	66	59	52	47	43

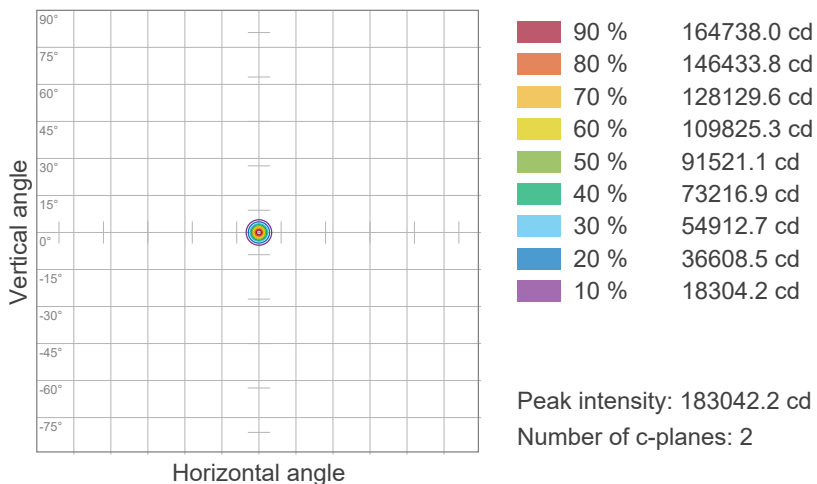
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-3200K - Full Power

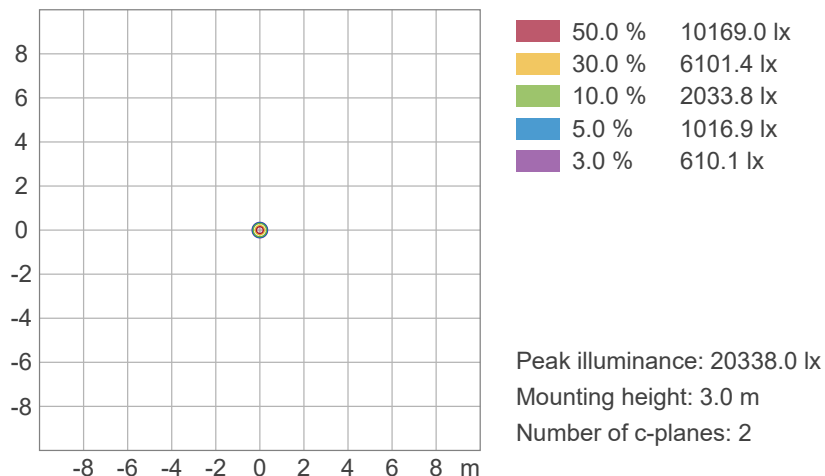


## ISO Diagrams

### ISO Candela Diagram



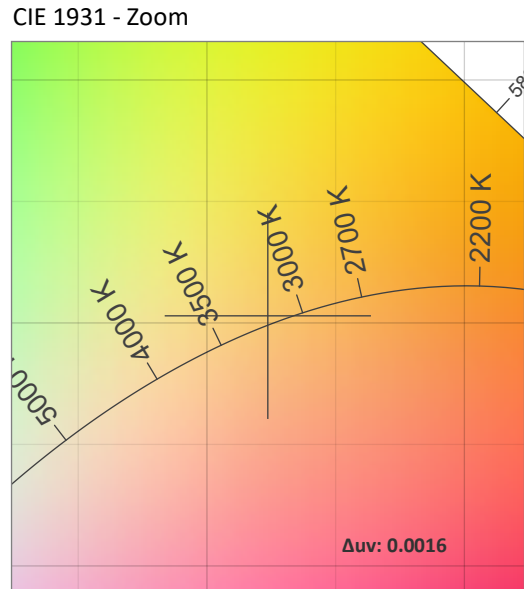
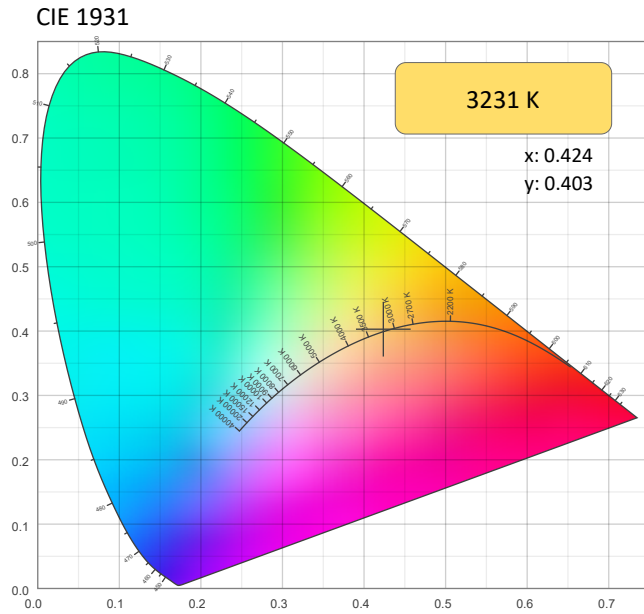
### ISO Lux Diagram



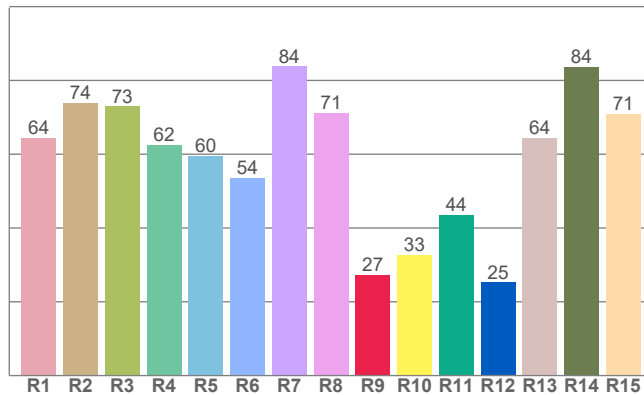
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-3200K - Full Power

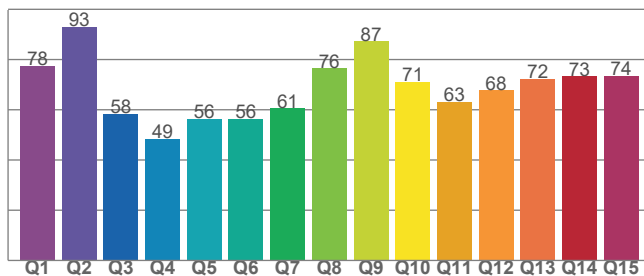
## Chromaticity



CRI: 67.7 (R1-R8)



CQS: 66.8



## Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3231 K	0.424	0.403

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.403	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.7	27.3	66.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
35	68.2	95.7

# Photometric & Chromaticity Report

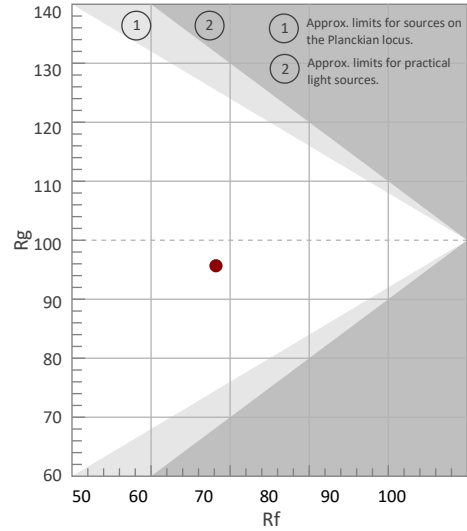
Maverick Storm 1 Hybrid: 50% Zoom-3200K - Full Power

## TM-30 Details

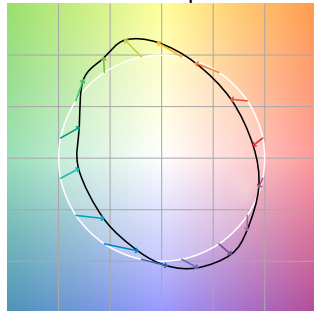
**Rf 68.2**  
Fidelity Index  
(Rg)

**Rg 95.7**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	77	-11%	-5%
2	72	-12%	10%
3	54	-5%	24%
4	57	9%	26%
5	71	19%	13%
6	78	12%	-7%
7	67	5%	-21%
8	68	-16%	-14%
9	71	-19%	-6%
10	53	-21%	17%
11	51	-12%	31%
12	64	1%	25%
13	77	11%	13%
14	80	15%	4%
15	76	8%	-12%
16	84	-2%	-9%



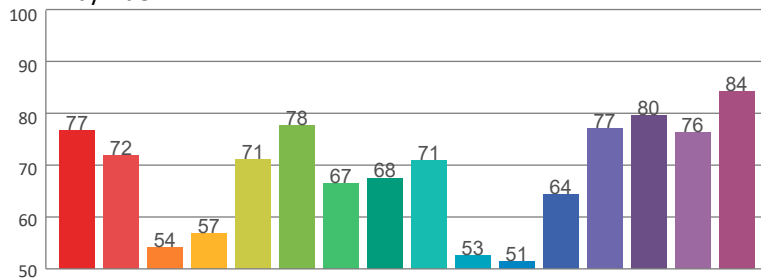
Color Vector Graphic



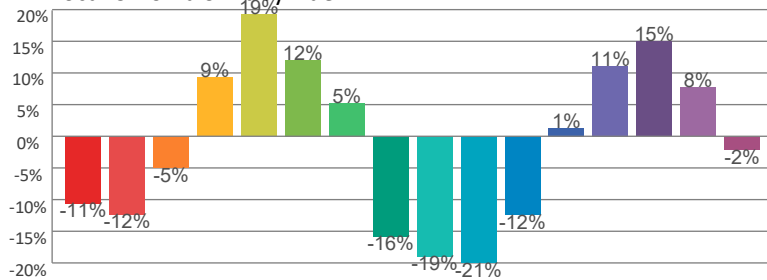
Color Distortion Graphic



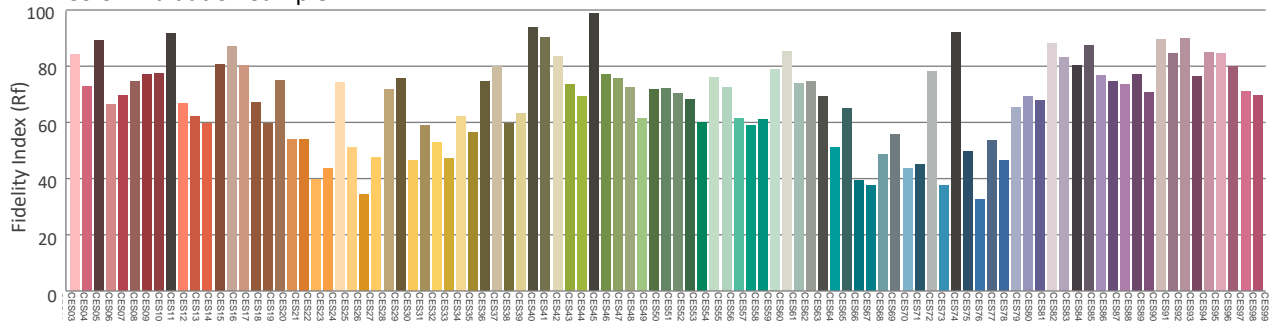
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample





# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-4000K - Full Power

## Report Summary

### Measurements

Fixture Output: 4282 lm  
Fixture Peak: 308376 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 12335 lux  
Color Temperature: 4059 K  
CRI: 65.8    CRI R9 Value: -20.9  
CQS: 65.5  
TLCI: 35  
TM-30 Rf: 70.0  
TM-30 Rg: 90.0  
Beam Angle (50%): 5.9°  
Field Angle (10%): 11.4°  
Cutoff Angle (3%): 13.3°

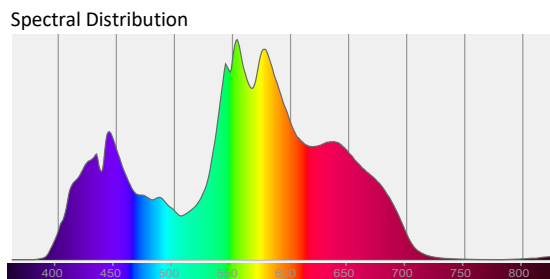
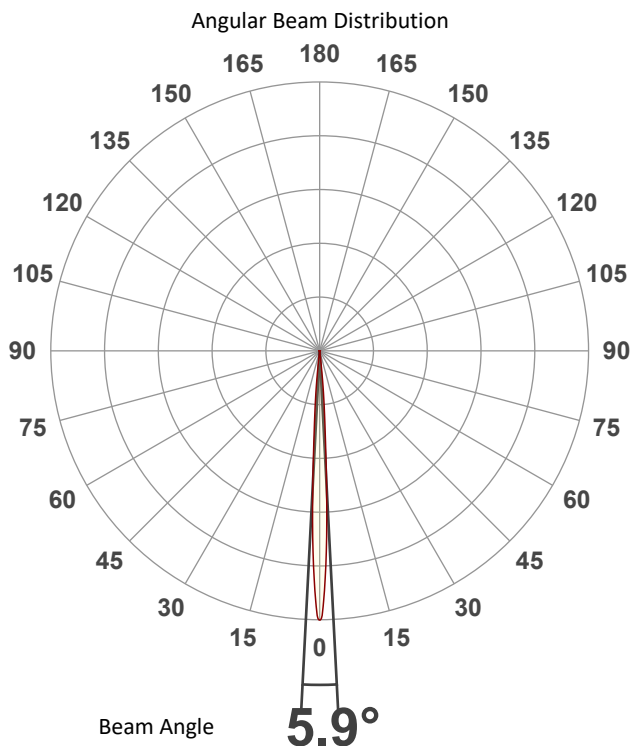


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

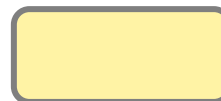
## Overall Measurement



Tested Color (CIE 1931):

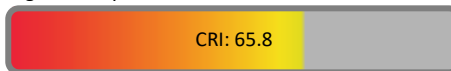
X: 0.380

Y: 0.381



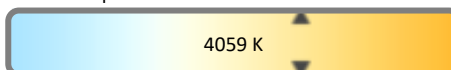
Light Quality

CRI: 65.8



Color Temperature

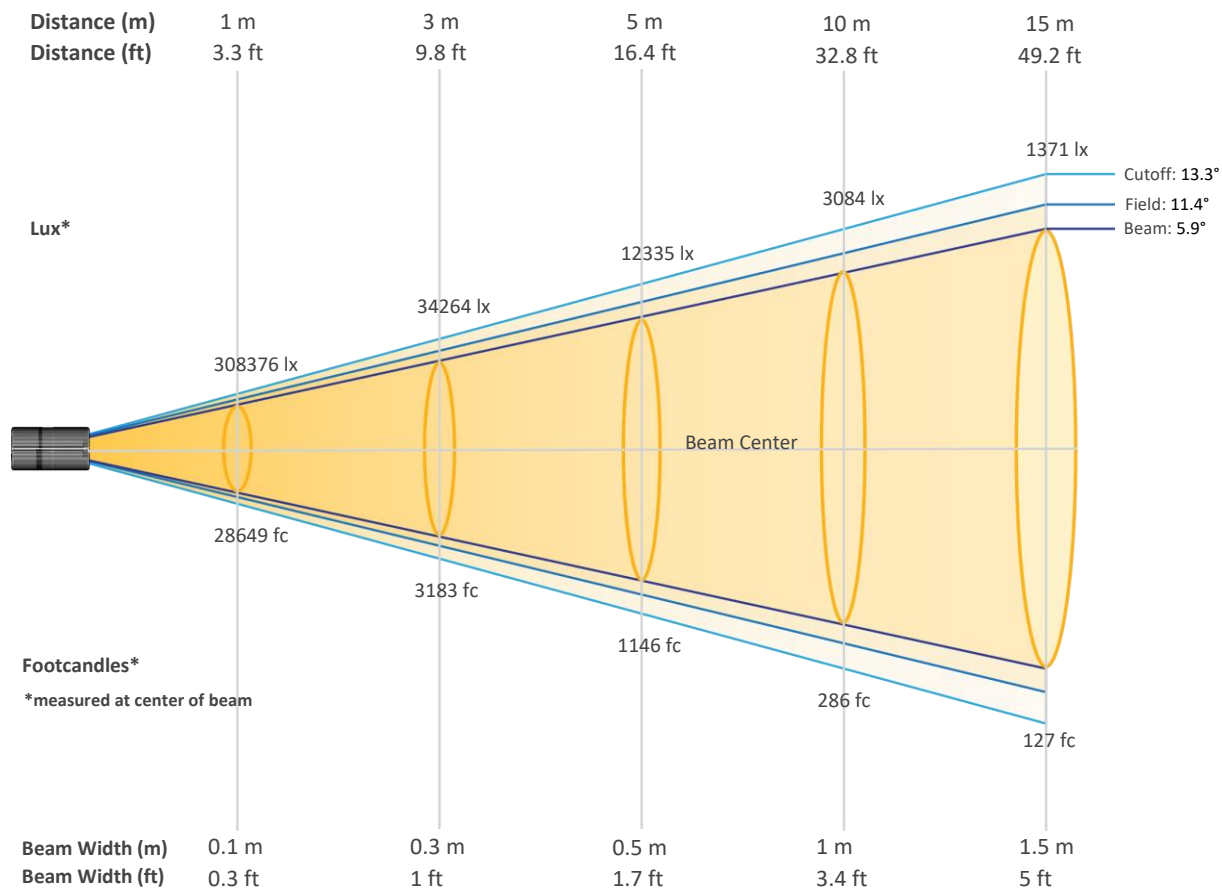
4059 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-4000K - Full Power

## Beam Details

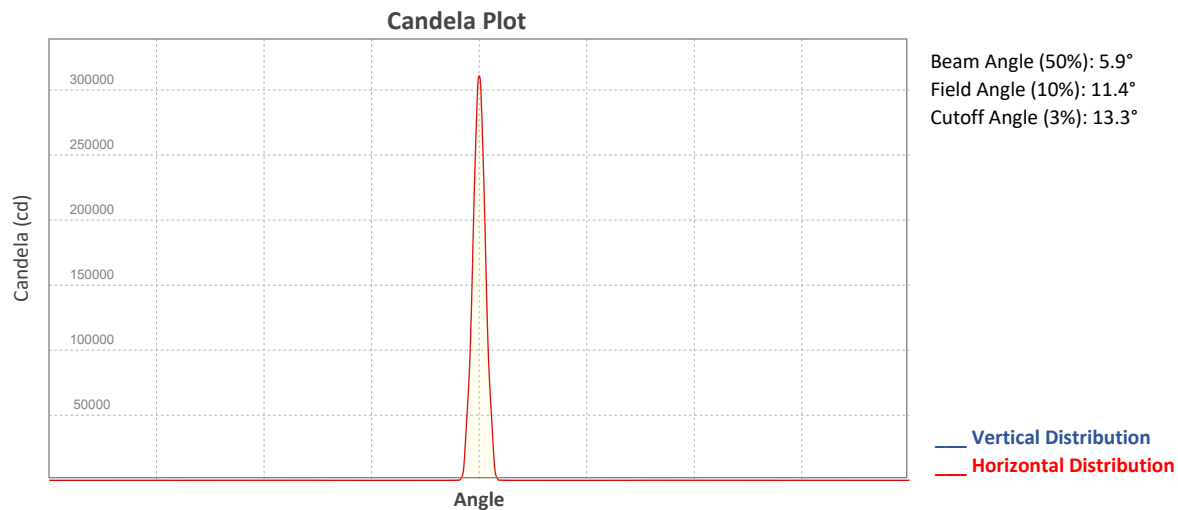


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	308376	77094	34264	19274	12335	8566	6293	4818	3807	3084
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2549	2142	1825	1573	1371	1205	1067	952	854	771
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	28649	7162	3183	1791	1146	796	585	448	354	286
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	237	199	170	146	127	112	99	88	79	72

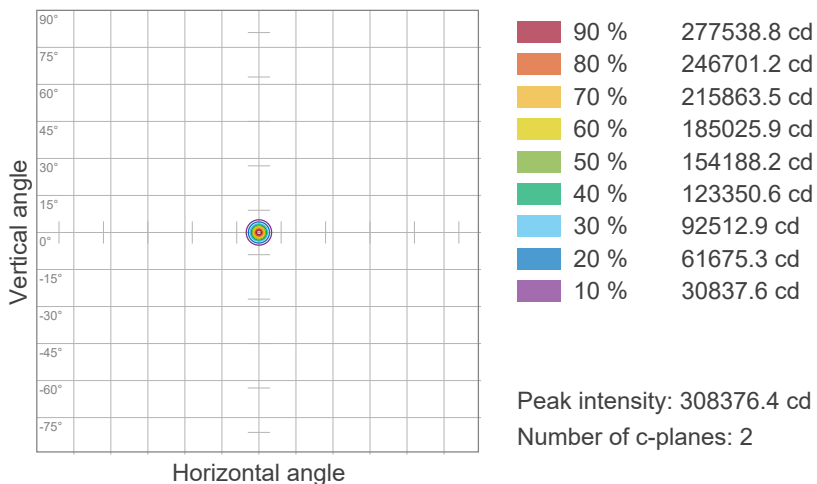
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-4000K - Full Power

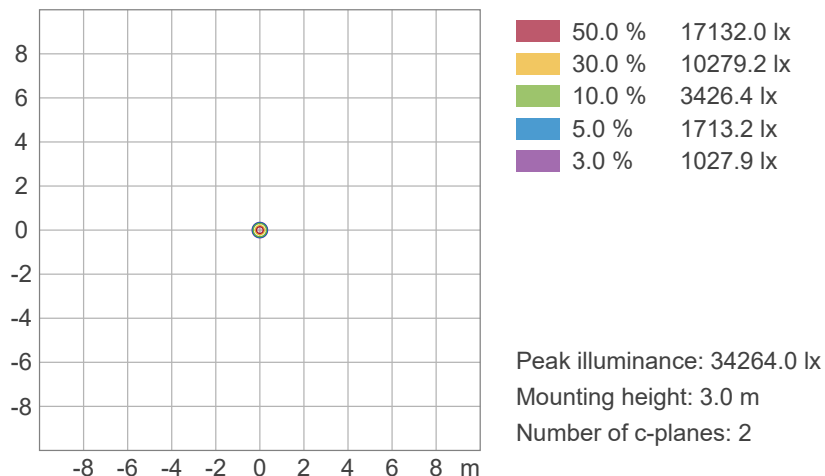


## ISO Diagrams

### ISO Candela Diagram



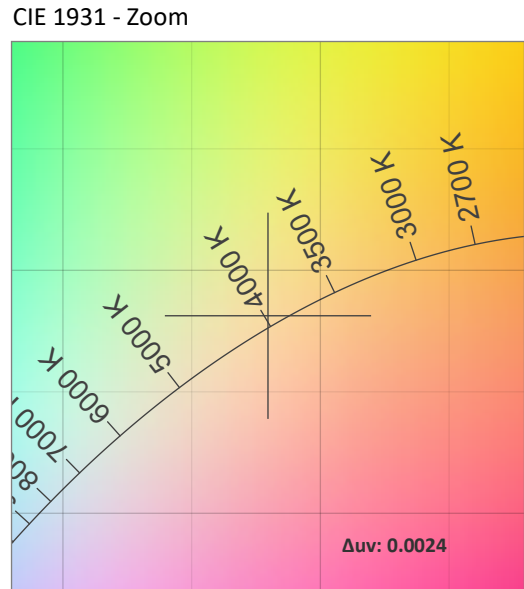
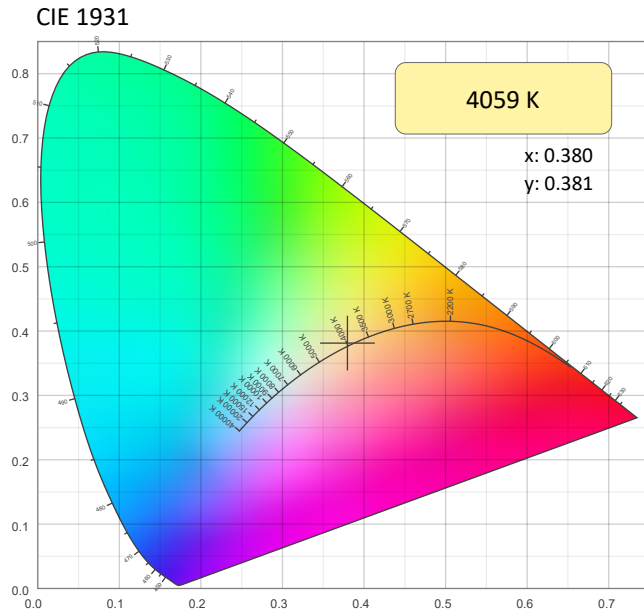
### ISO Lux Diagram



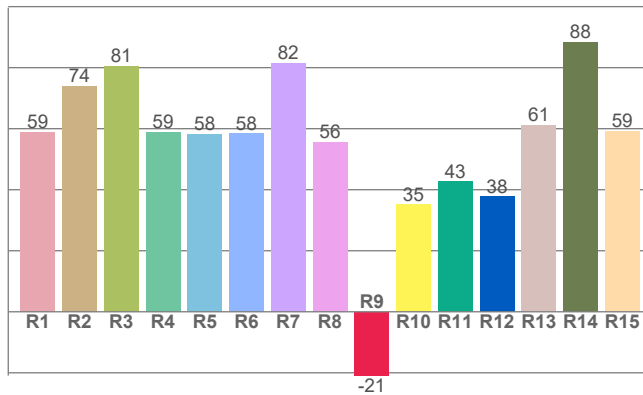
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-4000K - Full Power

## Chromaticity



CRI: 65.8 (R1-R8)



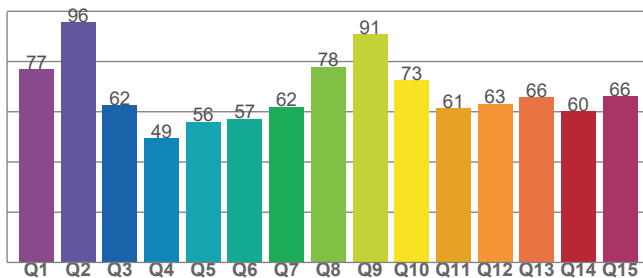
Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4059 K	0.380	0.381

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0024	0.381	0.223

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.8	-20.9	65.5

CQS: 65.5



Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
35	70.0	90.0

# Photometric & Chromaticity Report

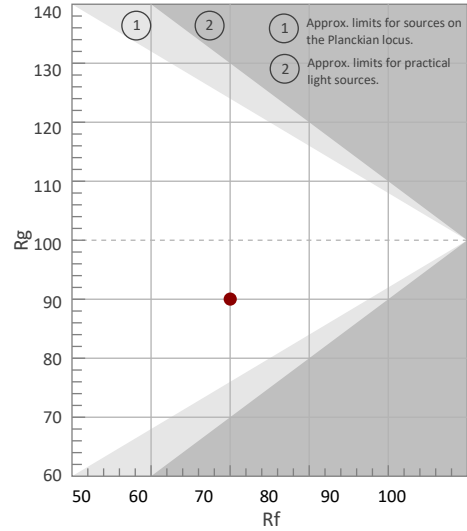
Maverick Storm 1 Hybrid: 50% Zoom-4000K - Full Power

## TM-30 Details

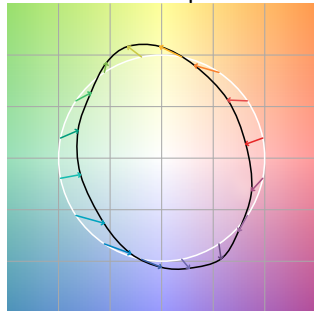
**Rf 70.0**  
Fidelity Index  
(Rg)

**Rg 90.0**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	71	-17%	-3%
2	67	-15%	11%
3	55	-8%	23%
4	64	6%	23%
5	76	13%	11%
6	85	7%	-7%
7	74	-8%	-14%
8	71	-15%	-10%
9	73	-20%	0%
10	54	-18%	21%
11	60	-6%	26%
12	63	4%	20%
13	83	10%	5%
14	77	13%	-6%
15	76	1%	-17%
16	75	-8%	-14%



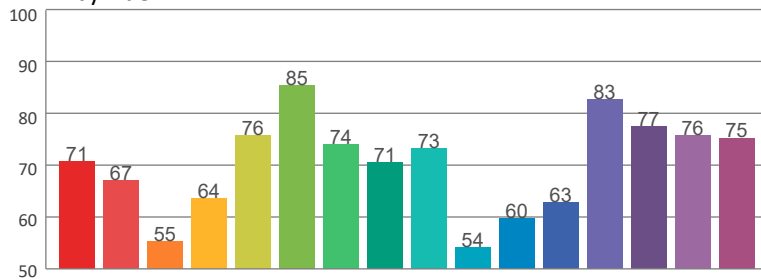
Color Vector Graphic



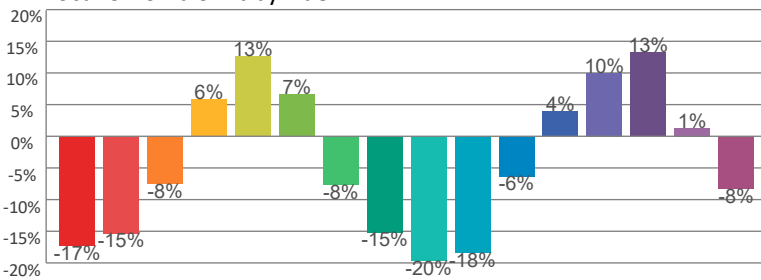
Color Distortion Graphic



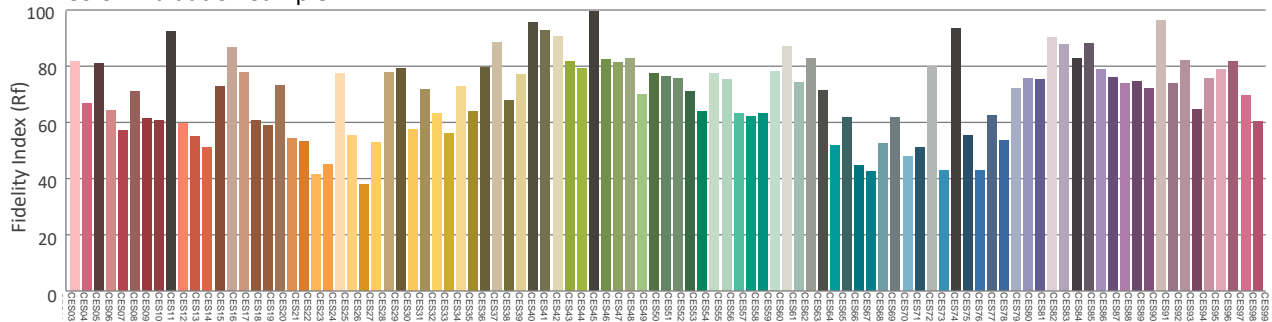
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-5600K - Full Power

## Report Summary

### Measurements

Fixture Output: 6841 lm  
Fixture Peak: 502353 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 20094 lux  
Color Temperature: 5590 K  
CRI: 74.2    CRI R9 Value: -21.3  
CQS: 70.5  
TLCI: 47  
TM-30 Rf: 77.2  
TM-30 Rg: 91.0  
Beam Angle (50%): 5.8°  
Field Angle (10%): 11.3°  
Cutoff Angle (3%): 13.2°

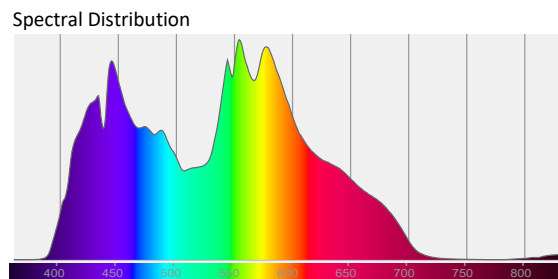
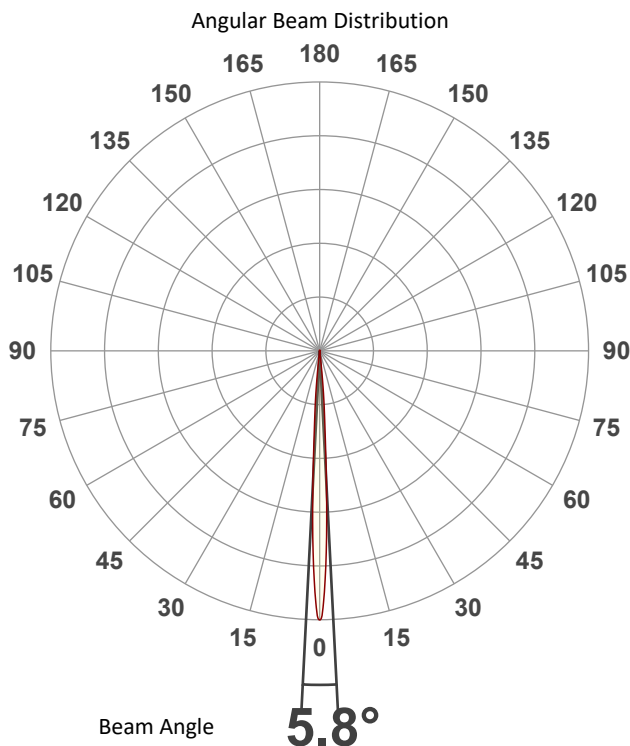


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.331

Y: 0.339



Light Quality

CRI: 74.2

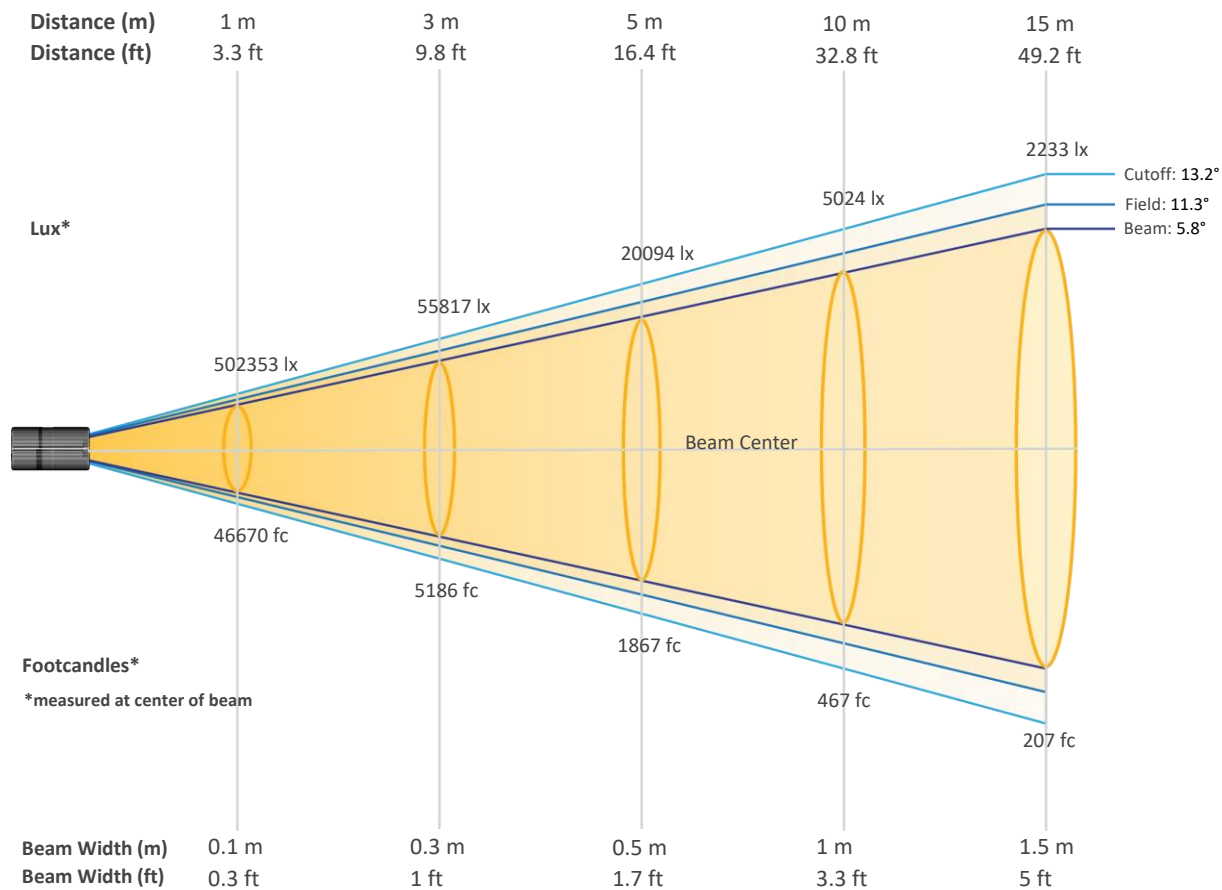
Color Temperature

5590 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-5600K - Full Power

## Beam Details

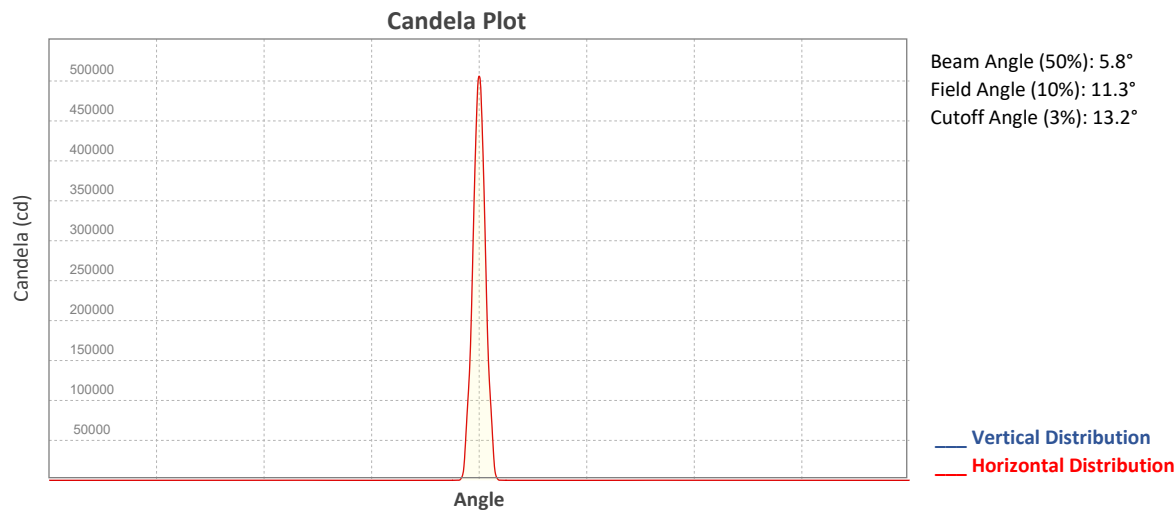


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	502353	125588	55817	31397	20094	13954	10252	7849	6202	5024
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	4152	3489	2973	2563	2233	1962	1738	1550	1392	1256
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	46670	11668	5186	2917	1867	1296	952	729	576	467
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	386	324	276	238	207	182	161	144	129	117

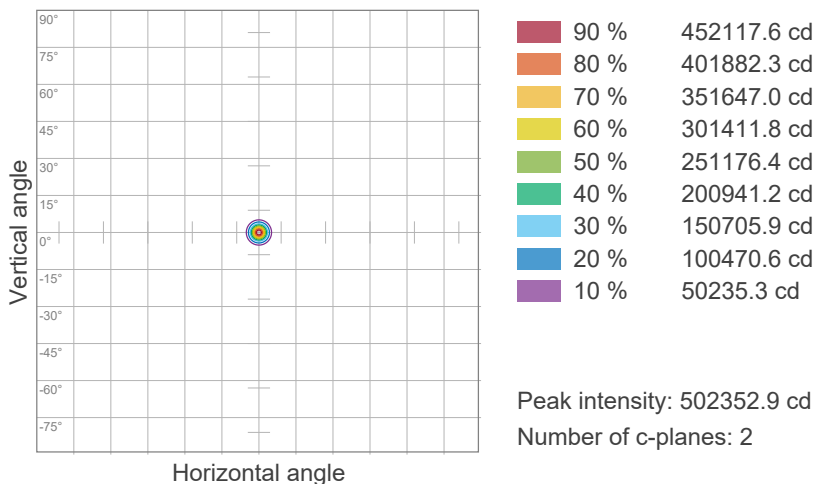
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-5600K - Full Power

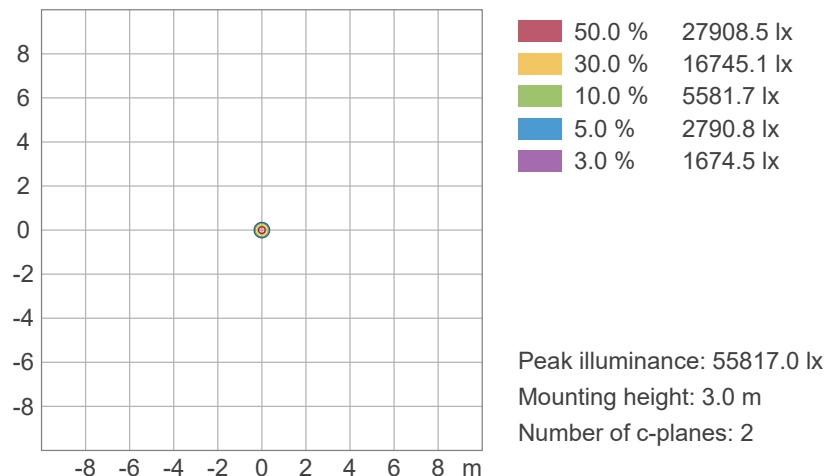


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

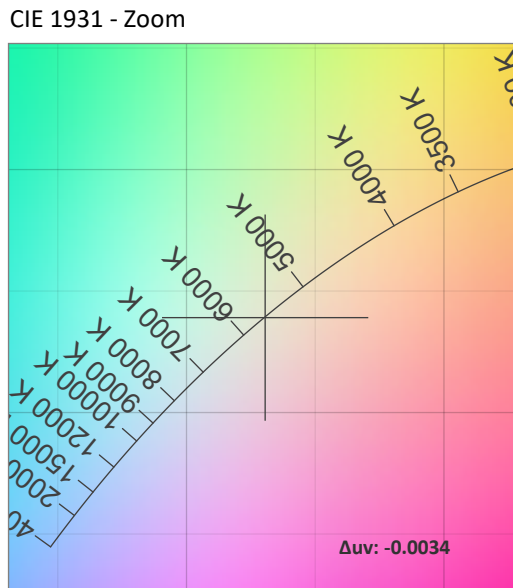
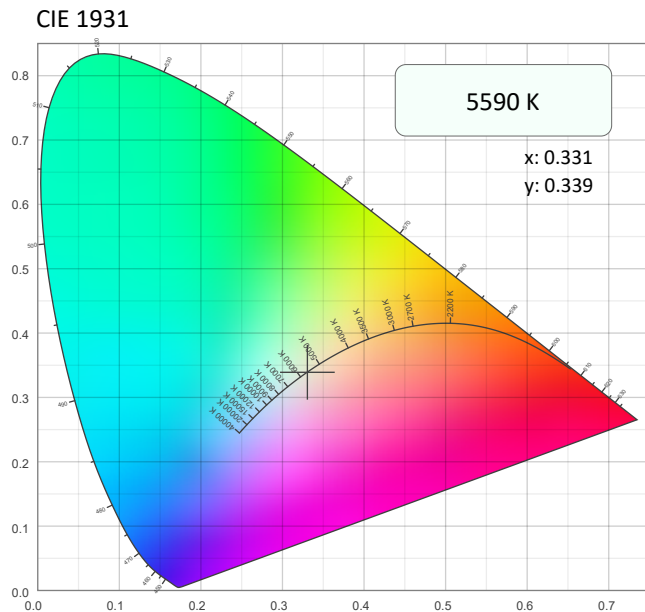




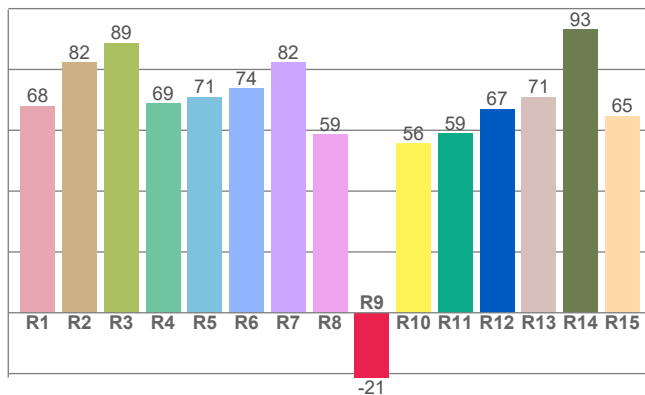
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-5600K - Full Power

## Chromaticity



CRI: 74.2 (R1-R8)

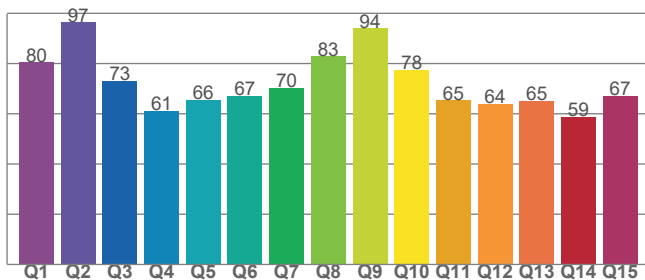


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5590 K	0.331	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0034	0.339	0.206

CQS: 70.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.2	-21.3	70.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	77.2	91.0

# Photometric & Chromaticity Report

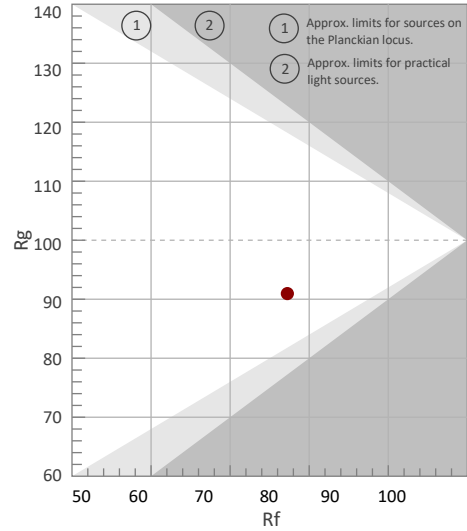
Maverick Storm 1 Hybrid: 50% Zoom-5600K - Full Power

## TM-30 Details

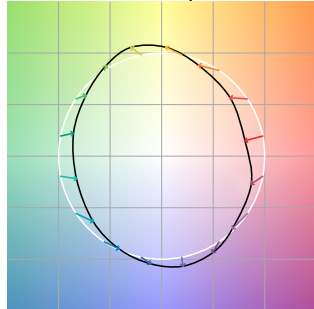
**Rf 77.2**  
Fidelity Index  
(Rg)

**Rg 91.0**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	-18%	-1%
2	73	-13%	10%
3	65	-7%	19%
4	73	4%	17%
5	82	9%	9%
6	91	3%	-4%
7	83	-6%	-8%
8	78	-12%	-5%
9	82	-15%	5%
10	69	-10%	16%
11	73	-2%	16%
12	83	4%	10%
13	87	9%	-1%
14	79	5%	-11%
15	77	-4%	-21%
16	78	-10%	-9%



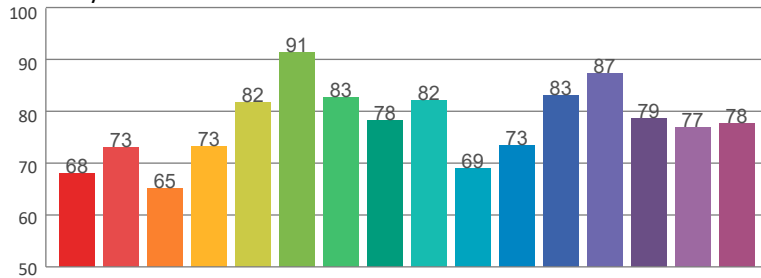
Color Vector Graphic



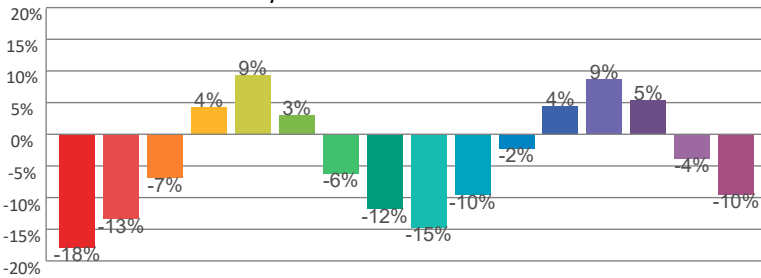
Color Distortion Graphic



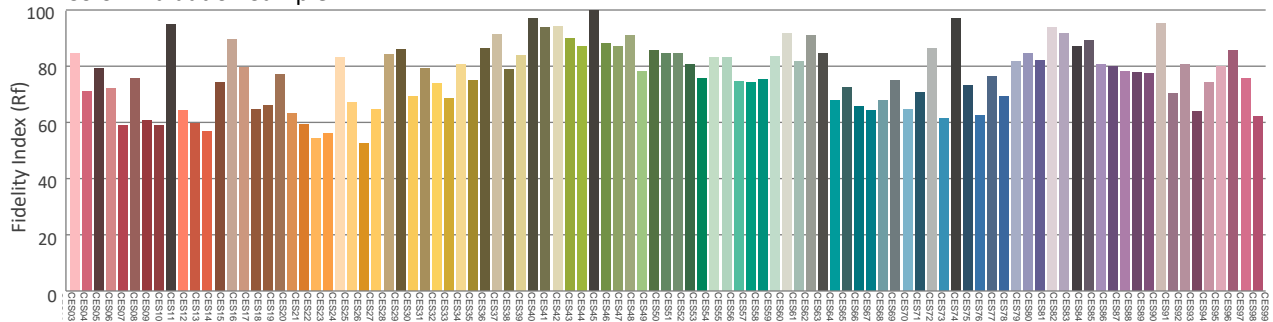
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-6500K - Full Power

## Report Summary

### Measurements

Fixture Output: 11796 lm  
Fixture Peak: 872837 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 34913 lux  
Color Temperature: 6495 K  
CRI: 79.4    CRI R9 Value: -7.8  
CQS: 75.9  
TLCI: 58  
TM-30 Rf: 82.2  
TM-30 Rg: 91.9  
Beam Angle (50%): 5.8°  
Field Angle (10%): 11.2°  
Cutoff Angle (3%): 13.2°

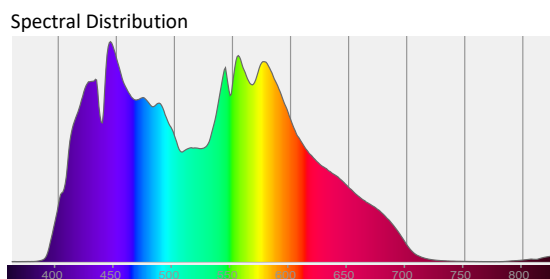
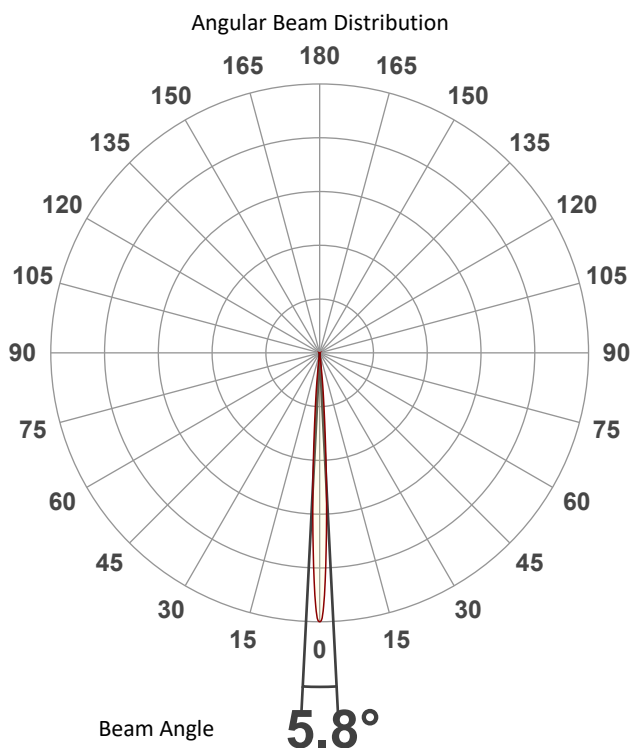


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

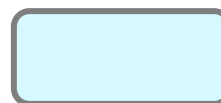
## Overall Measurement



Tested Color (CIE 1931):

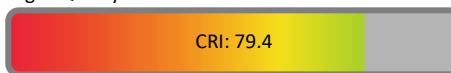
X: 0.314

Y: 0.325



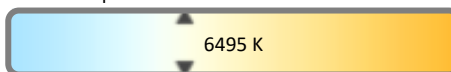
Light Quality

CRI: 79.4



Color Temperature

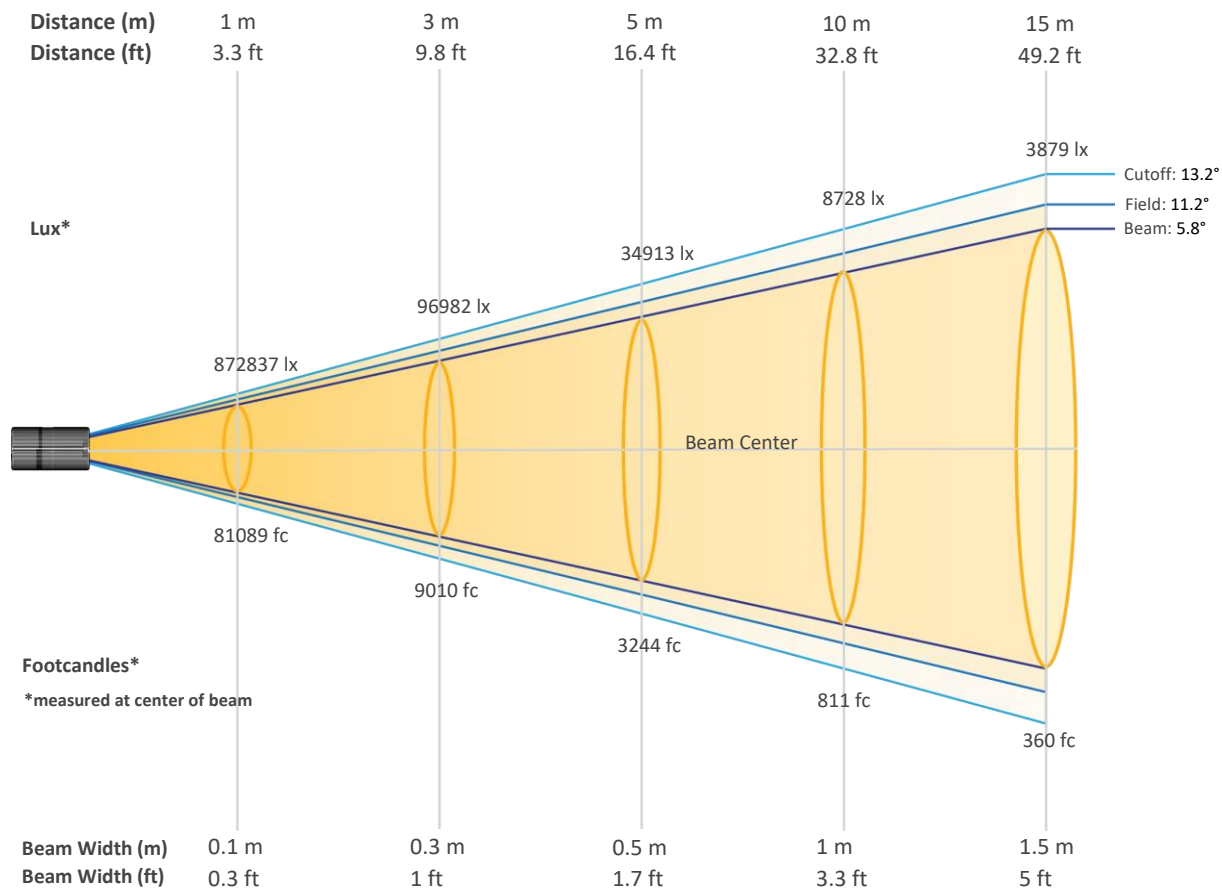
6495 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-6500K - Full Power

## Beam Details

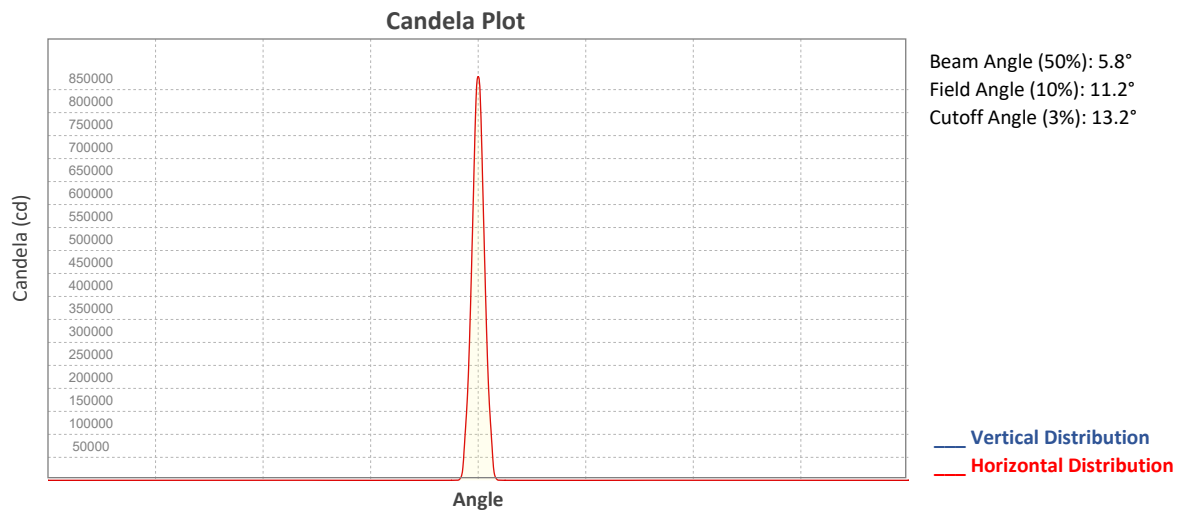


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	872837	218209	96982	54552	34913	24245	17813	13638	10776	8728
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7214	6061	5165	4453	3879	3410	3020	2694	2418	2182
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	81089	20272	9010	5068	3244	2252	1655	1267	1001	811
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	670	563	480	414	360	317	281	250	225	203

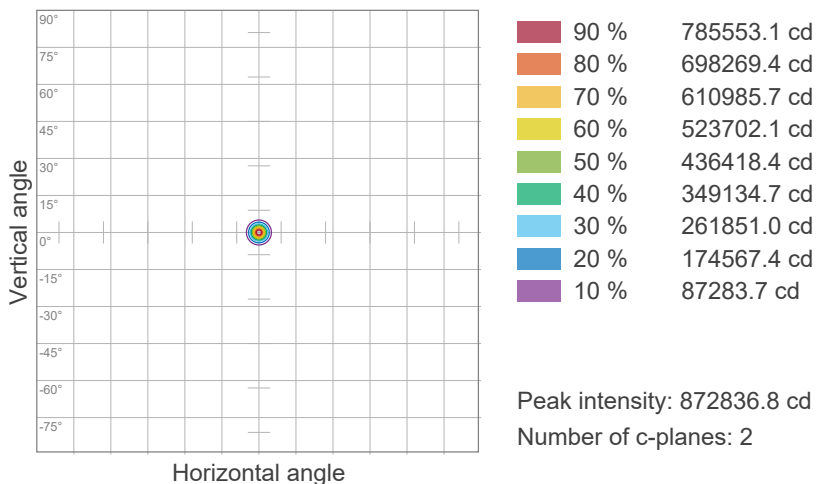
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-6500K - Full Power

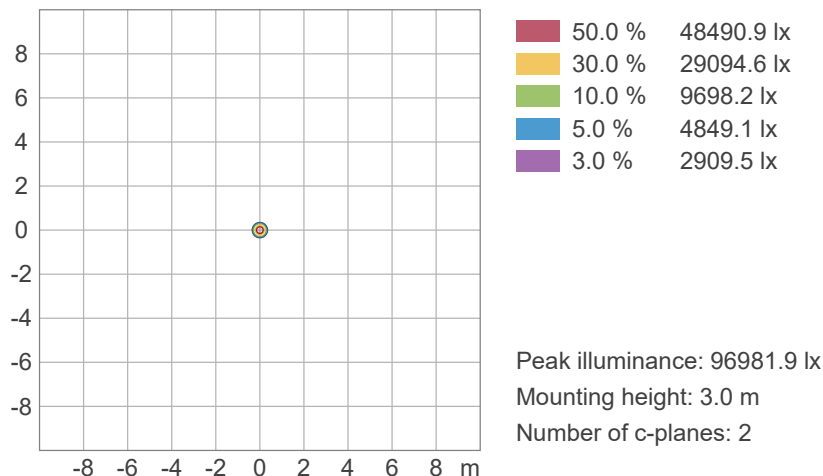


## ISO Diagrams

### ISO Candela Diagram



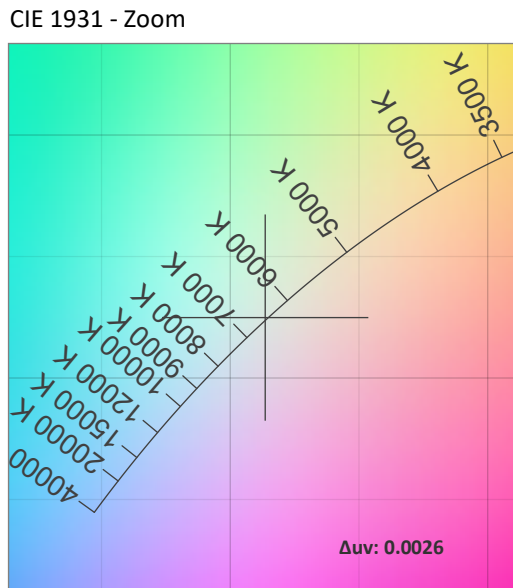
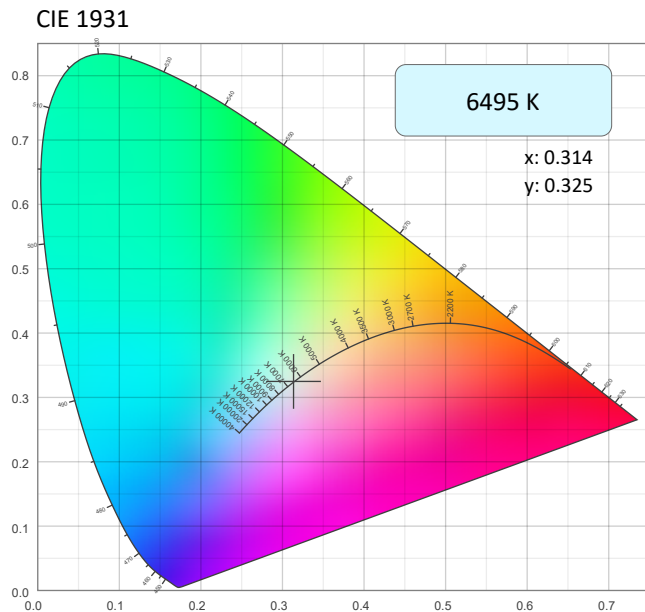
### ISO Lux Diagram



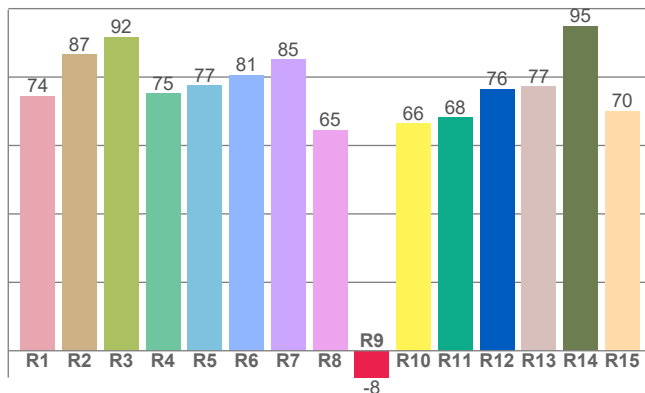
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-6500K - Full Power

## Chromaticity



CRI: 79.4 (R1-R8)

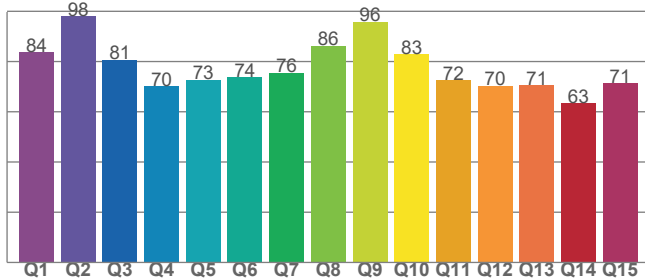


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6495 K	0.314	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0026	0.325	0.200

CQS: 75.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.4	-7.8	75.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
58	82.2	91.9

# Photometric & Chromaticity Report

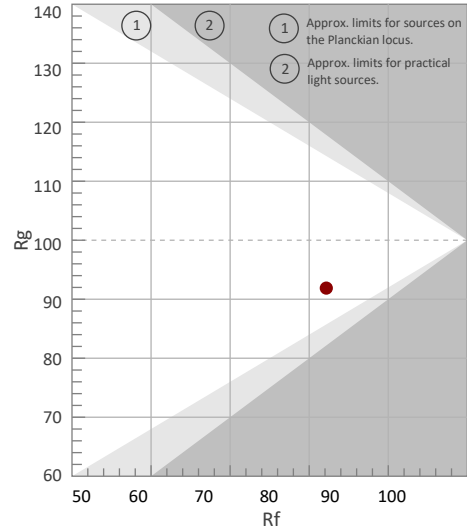
Maverick Storm 1 Hybrid: 50% Zoom-6500K - Full Power

## TM-30 Details

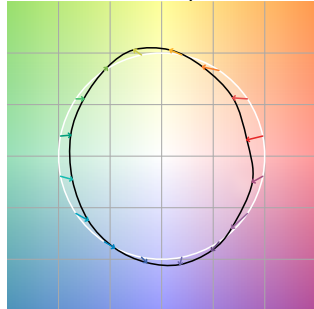
**Rf 82.2**  
Fidelity Index  
(Rg)

**Rg 91.9**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	72	-16%	-1%
2	78	-11%	9%
3	72	-6%	15%
4	80	3%	12%
5	86	6%	6%
6	93	1%	-4%
7	88	-6%	-4%
8	83	-10%	-3%
9	87	-11%	5%
10	77	-6%	12%
11	81	-1%	11%
12	89	4%	6%
13	89	7%	-3%
14	81	3%	-11%
15	78	-5%	-20%
16	81	-9%	-7%



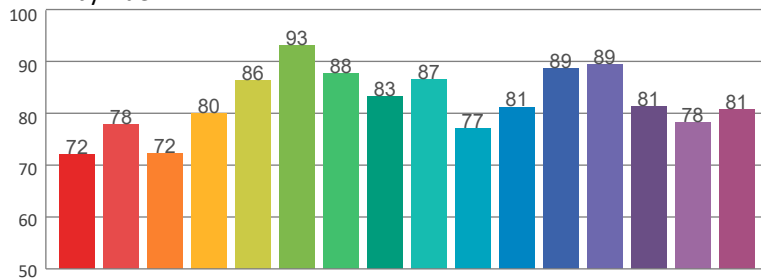
Color Vector Graphic



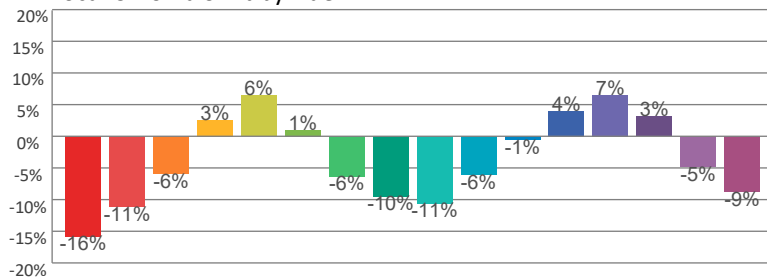
Color Distortion Graphic



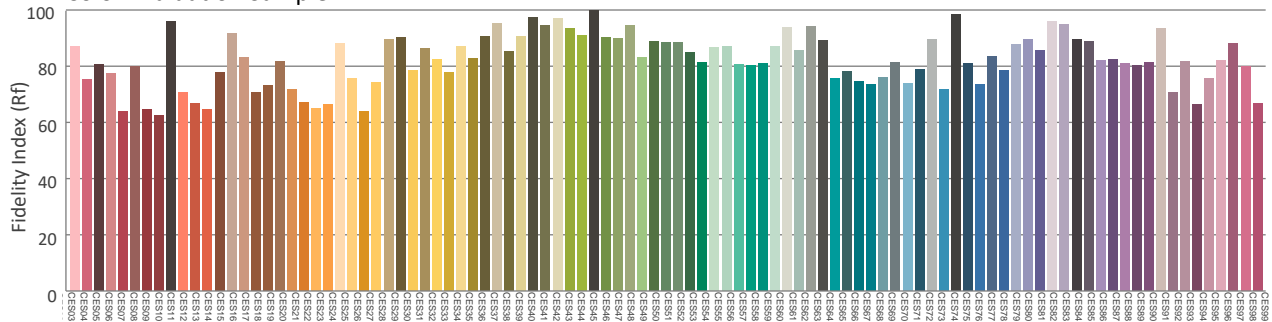
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Frost - Full Power

## Report Summary

### Measurements

Fixture Output: 8504 lm  
Fixture Peak: 178300 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 7132 lux  
Color Temperature: 6511 K  
CRI: 79.3    CRI R9 Value: -7.3  
CQS: 75.7  
TLCI: 57  
TM-30 Rf: 81.9  
TM-30 Rg: 91.9  
Beam Angle (50%): 11.3°  
Field Angle (10%): 20.4°  
Cutoff Angle (3%): 22.4°

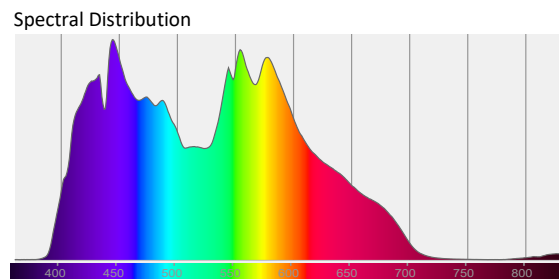
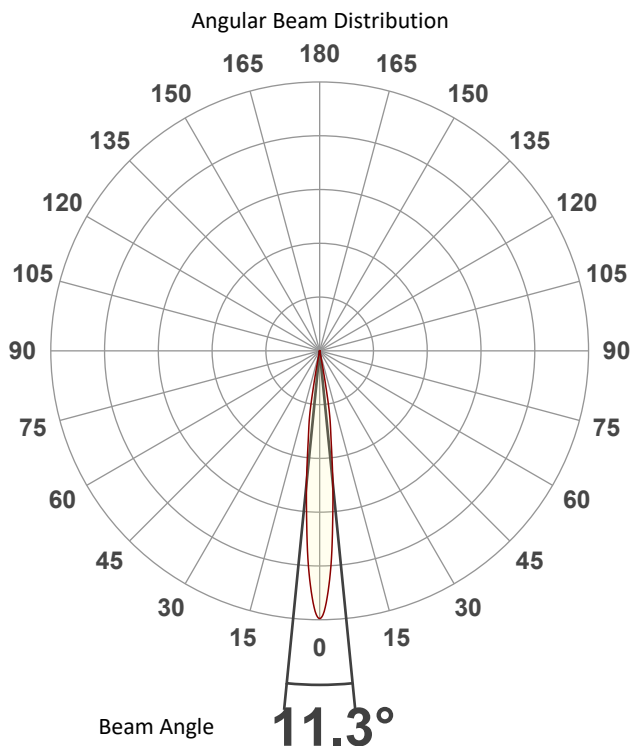


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

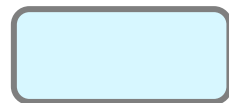
## Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.324



Light Quality

CRI: 79.3

Color Temperature

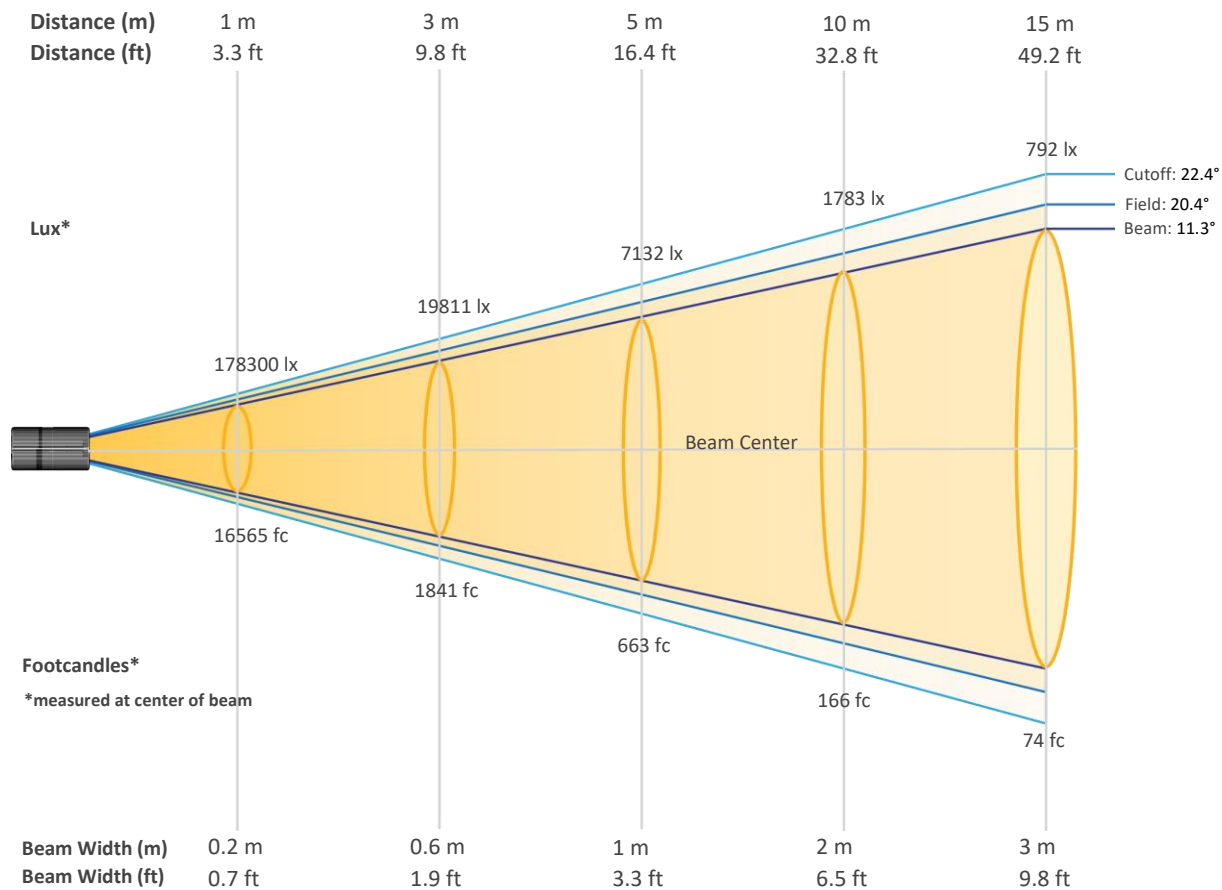
6511 K



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Frost - Full Power

## Beam Details

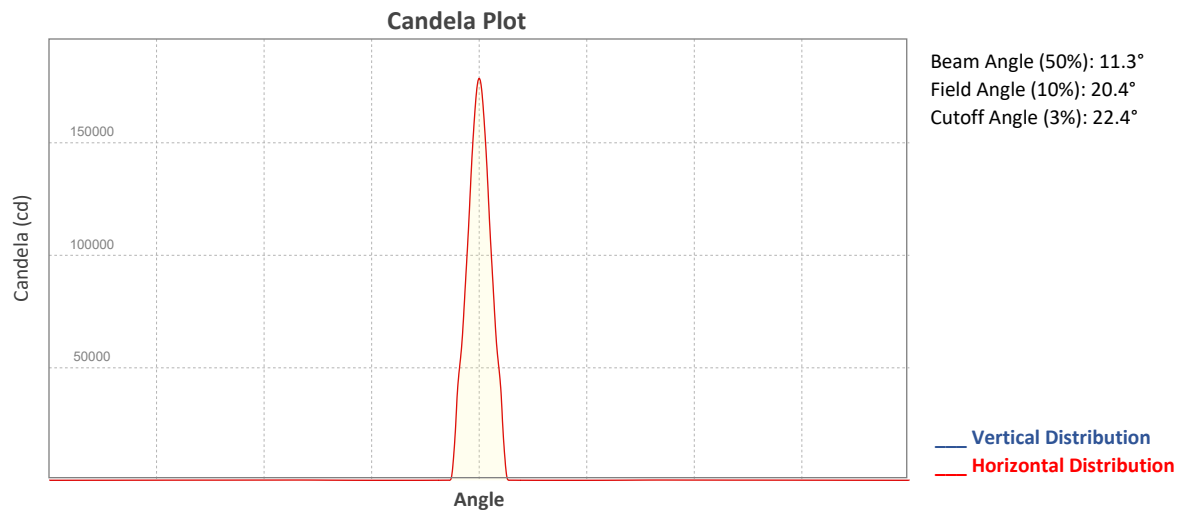


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	178300	44575	19811	11144	7132	4953	3639	2786	2201	1783
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1474	1238	1055	910	792	696	617	550	494	446
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16565	4141	1841	1035	663	460	338	259	205	166
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	137	115	98	85	74	65	57	51	46	41

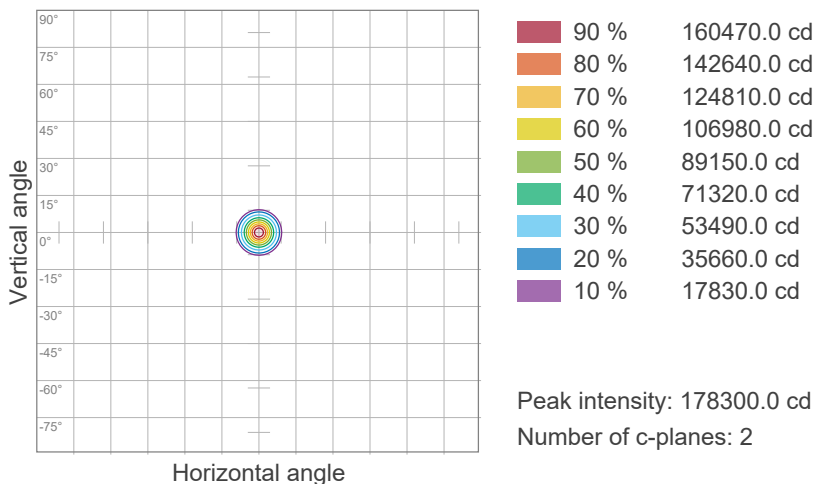
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Frost - Full Power

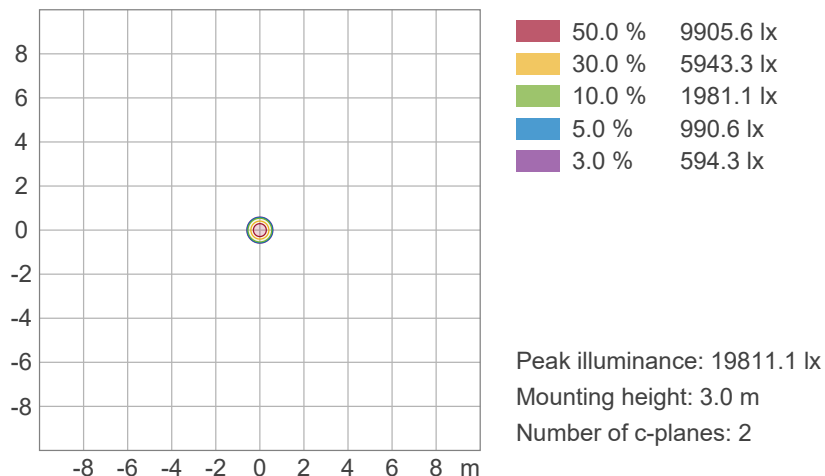


## ISO Diagrams

### ISO Candela Diagram



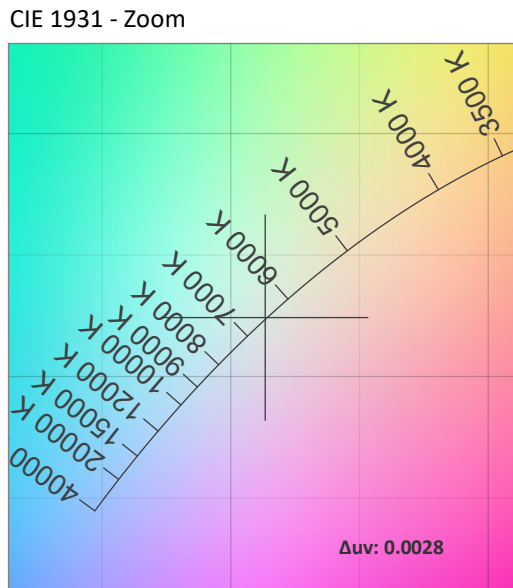
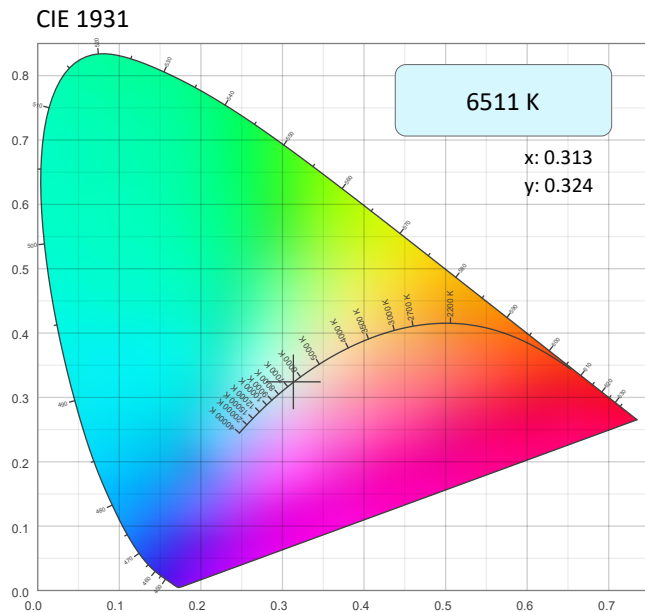
### ISO Lux Diagram



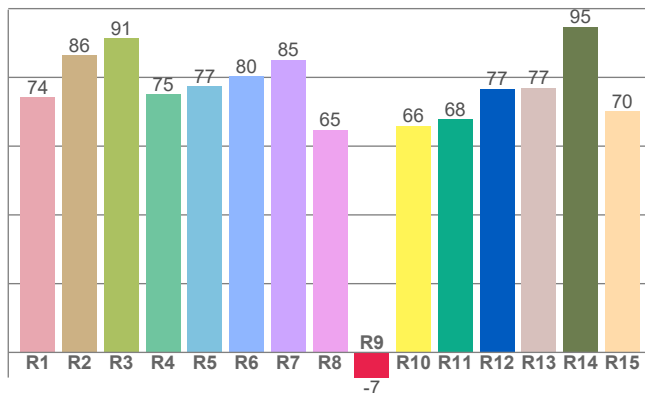
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-w/Frost - Full Power

## Chromaticity



CRI: 79.3 (R1-R8)

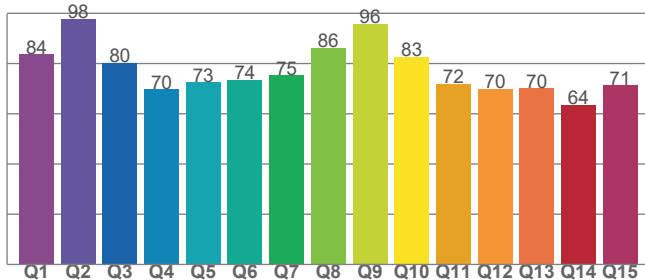


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6511 K	0.313	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0028	0.324	0.200

CQS: 75.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
79.3	-7.3	75.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
57	81.9	91.9

# Photometric & Chromaticity Report

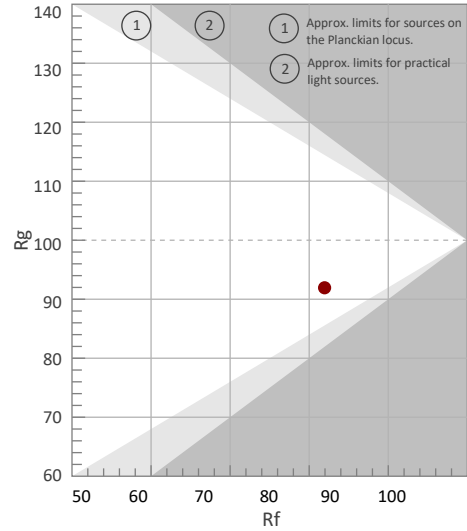
Maverick Storm 1 Hybrid: 50% Zoom-w/Frost - Full Power

## TM-30 Details

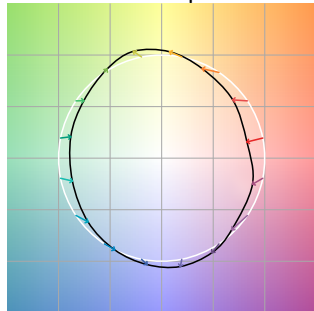
**Rf 81.9**  
Fidelity Index (Rg)

**Rg 91.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	72	-16%	-1%
2	78	-11%	9%
3	72	-6%	15%
4	79	3%	13%
5	86	7%	7%
6	93	1%	-4%
7	88	-6%	-4%
8	83	-9%	-3%
9	87	-11%	5%
10	80	-6%	12%
11	78	-1%	11%
12	88	4%	6%
13	90	7%	-3%
14	81	3%	-10%
15	79	-5%	-20%
16	81	-9%	-8%



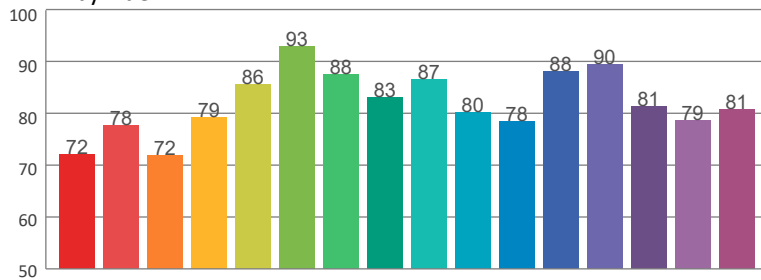
Color Vector Graphic



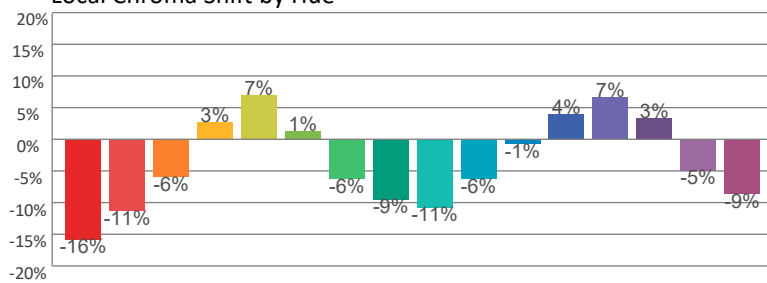
Color Distortion Graphic



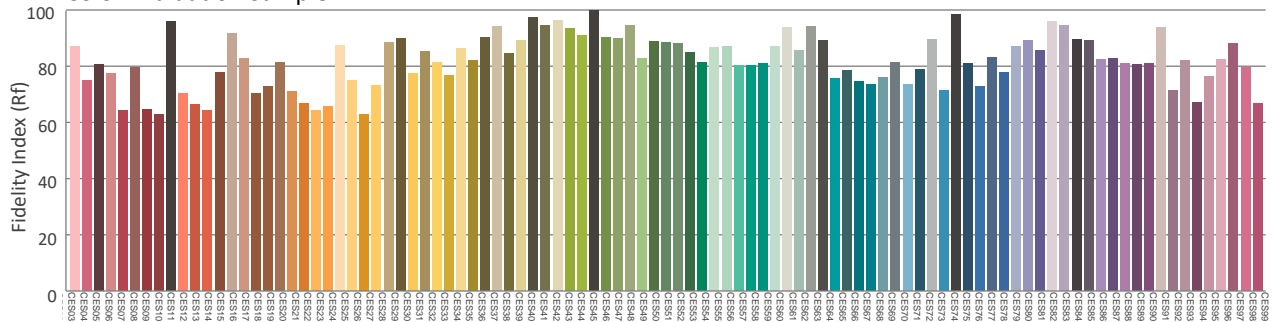
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-Beam mode - Full Power

## Report Summary

### Measurements

Fixture Output: 21787 lm  
Fixture Peak: 3654840 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 146194 lux  
Color Temperature: 7125 K  
CRI: 80.4    CRI R9 Value: -4.6  
CQS: 76.5  
TLCI: 57  
TM-30 Rf: 82.8  
TM-30 Rg: 92.3  
Beam Angle (50%): 2.9°  
Field Angle (10%): 7.2°  
Cutoff Angle (3%): 8.7°

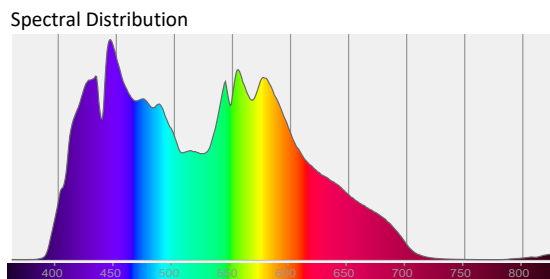
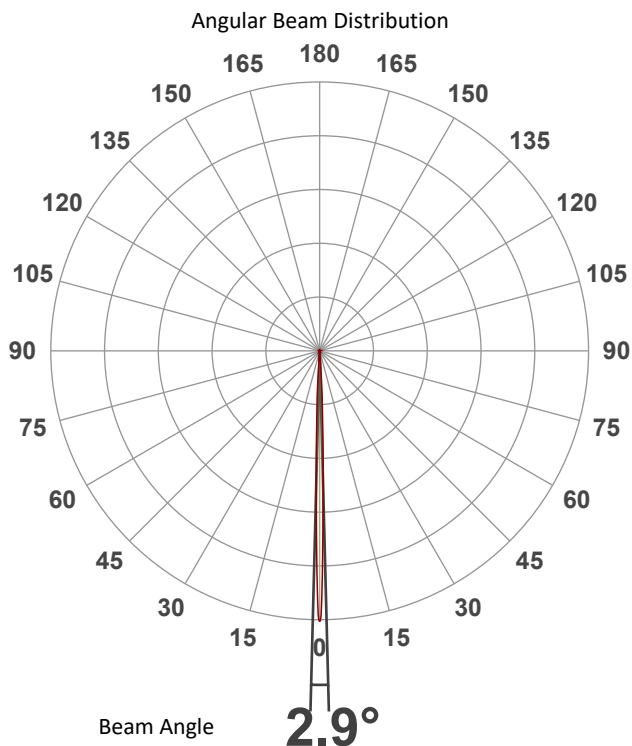


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/24/2023 to LM-63-2002 Standards.

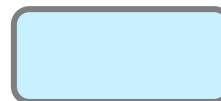
## Overall Measurement



Tested Color (CIE 1931):

X: 0.305

Y: 0.315



Light Quality

CRI: 80.4

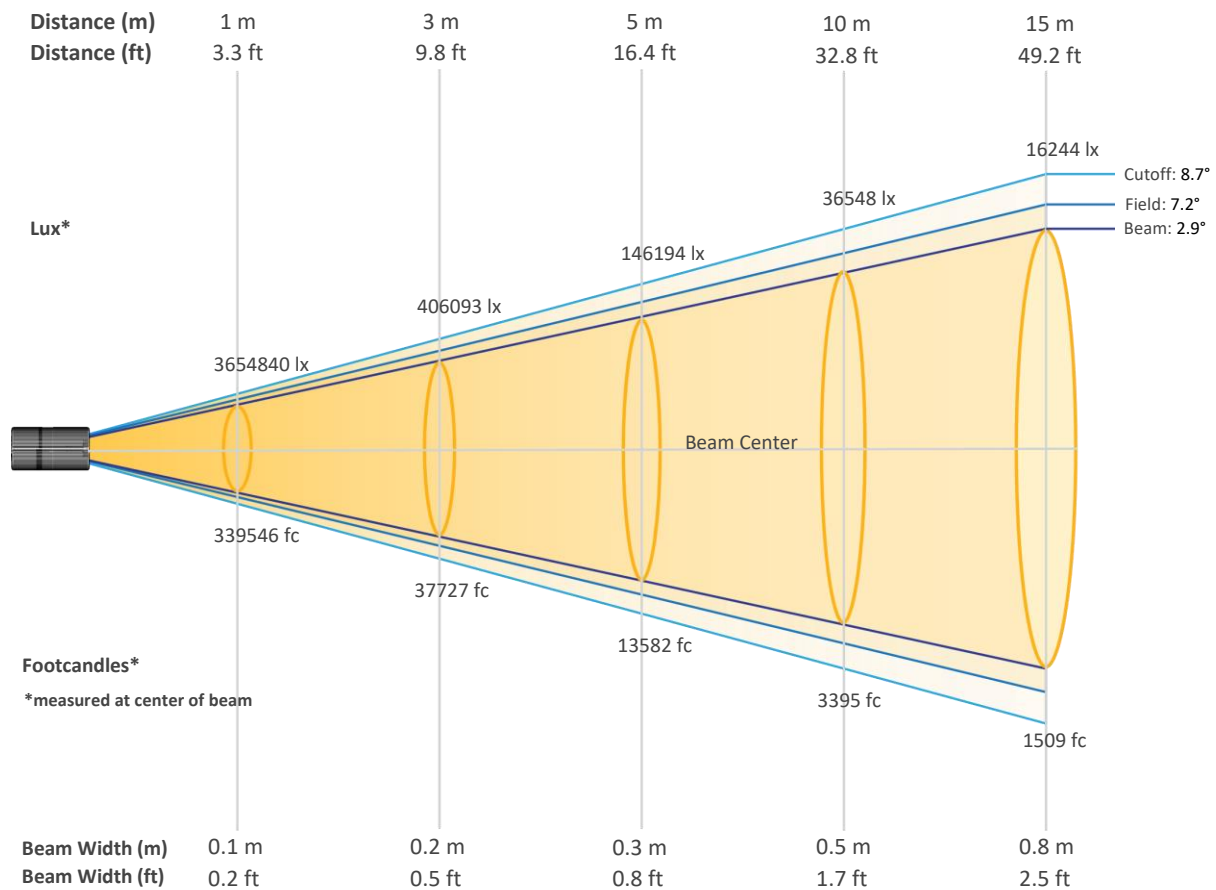
Color Temperature

7125 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-Beam mode - Full Power

## Beam Details

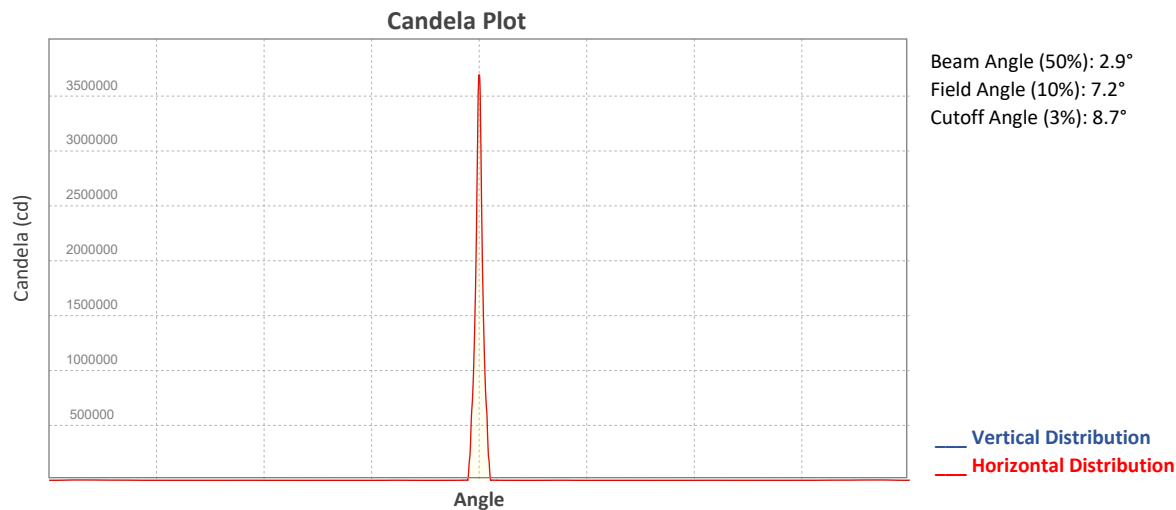


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3654840	913710	406093	228427	146194	101523	74589	57107	45121	36548
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	30205	25381	21626	18647	16244	14277	12647	11280	10124	9137
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	339546	84886	37727	21222	13582	9432	6930	5305	4192	3395
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2806	2358	2009	1732	1509	1326	1175	1048	941	849

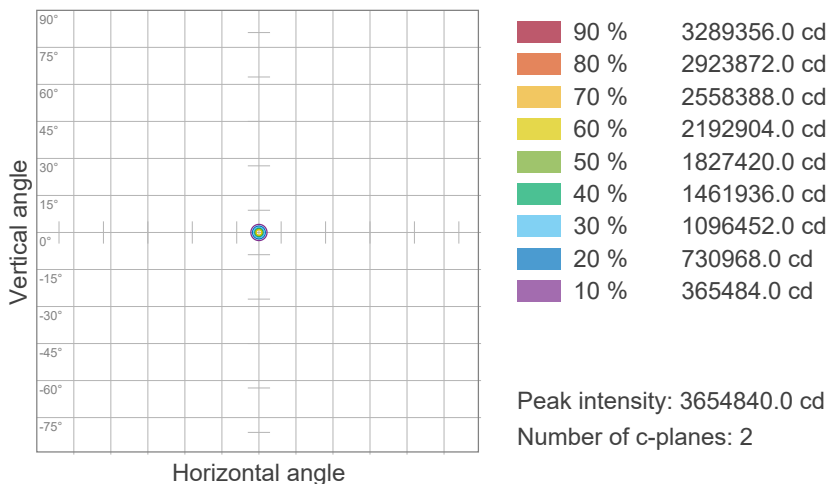
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-Beam mode - Full Power

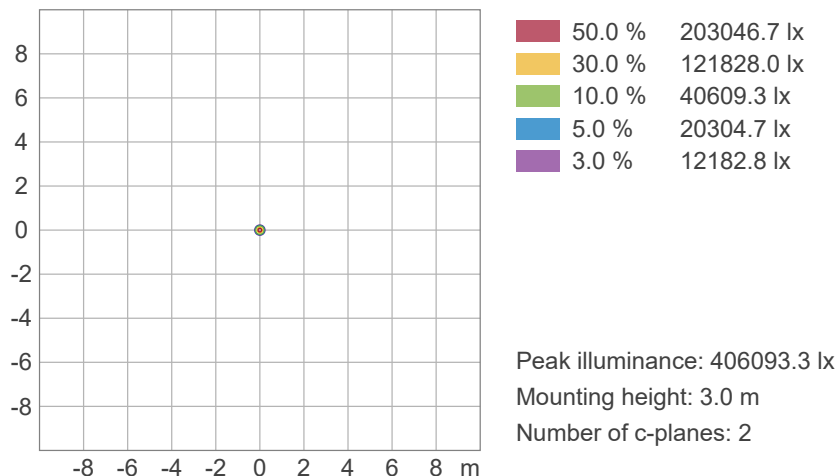


## ISO Diagrams

### ISO Candela Diagram



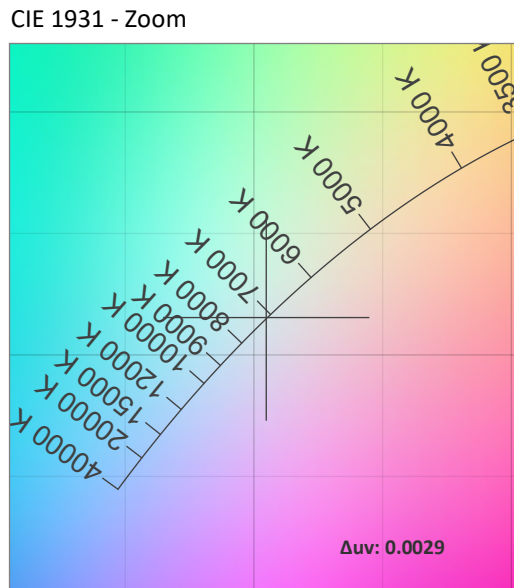
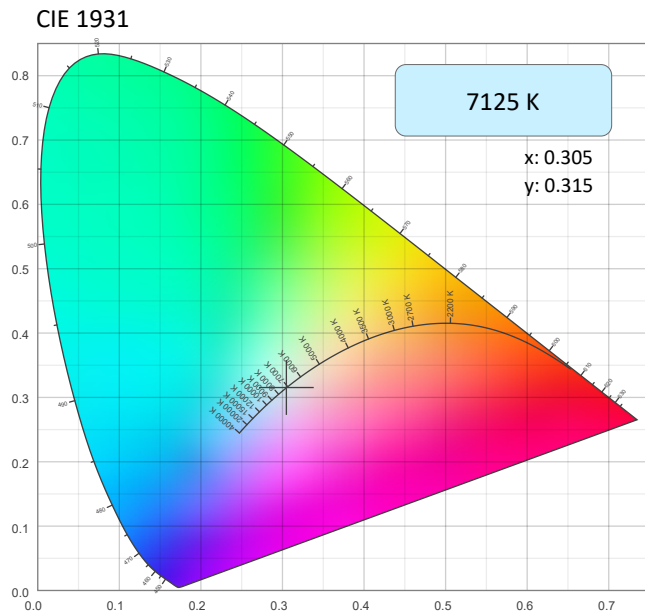
### ISO Lux Diagram



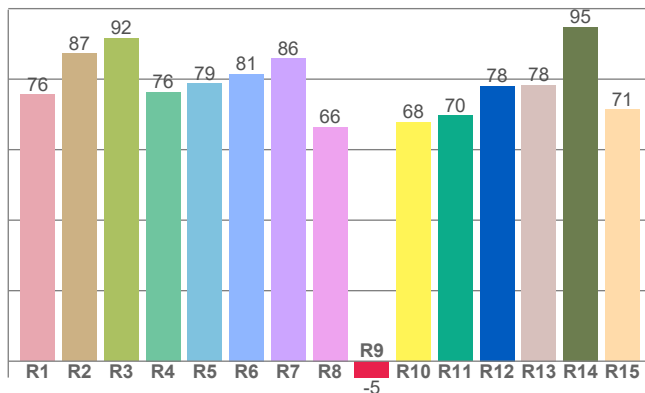
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: 50% Zoom-Beam mode - Full Power

## Chromaticity



CRI: 80.4 (R1-R8)

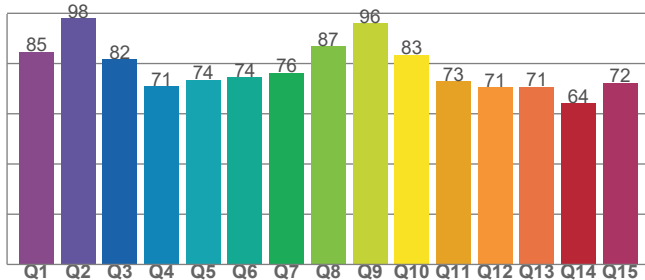


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7125 K	0.305	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0029	0.315	0.197

CQS: 76.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.4	-4.6	76.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
57	82.8	92.3



# Photometric & Chromaticity Report

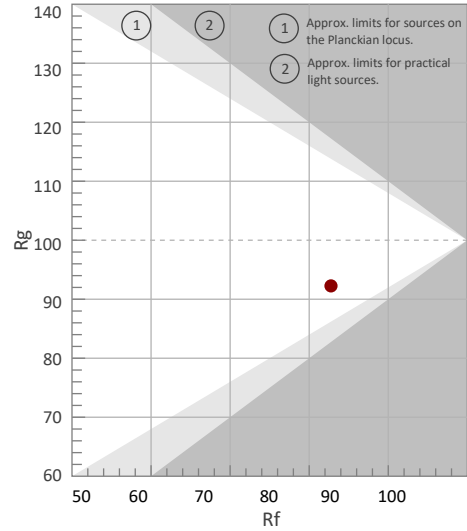
Maverick Storm 1 Hybrid: 50% Zoom-Beam mode - Full Power

## TM-30 Details

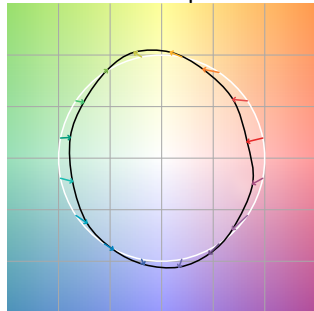
**Rf 82.8**  
Fidelity Index (Rg)

**Rg 92.3**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	73	-16%	-1%
2	75	-11%	9%
3	76	-6%	14%
4	81	2%	12%
5	87	6%	6%
6	93	0%	-4%
7	88	-7%	-3%
8	84	-9%	-2%
9	86	-11%	5%
10	81	-5%	12%
11	78	0%	10%
12	88	4%	3%
13	89	7%	-4%
14	85	3%	-13%
15	76	-5%	-19%
16	81	-9%	-7%



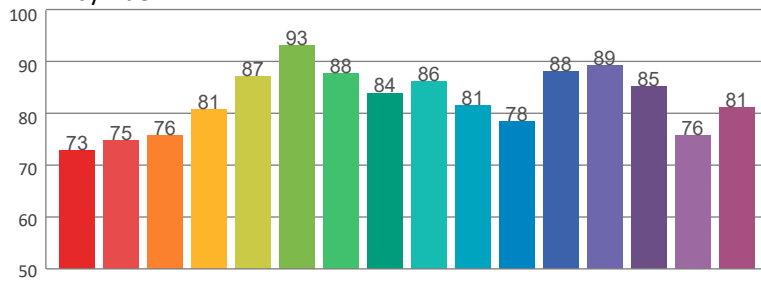
Color Vector Graphic



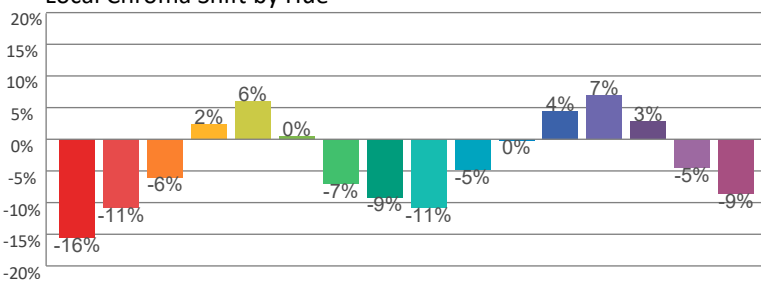
Color Distortion Graphic



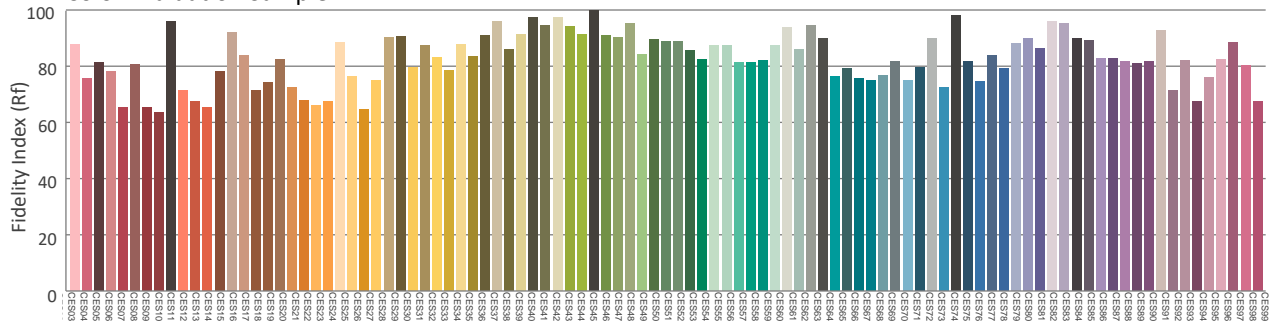
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Frost - Full Power

## Report Summary

### Measurements

Fixture Output: 21364 lm  
Fixture Peak: 1724948 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 68998 lux  
Color Temperature: 6724 K  
CRI: 80.5    CRI R9 Value: -2.4  
CQS: 76.8  
TLCI: 59  
TM-30 Rf: 82.8  
TM-30 Rg: 92.5  
Beam Angle (50%): 3.4°  
Field Angle (10%): 7°  
Cutoff Angle (3%): 8.9°

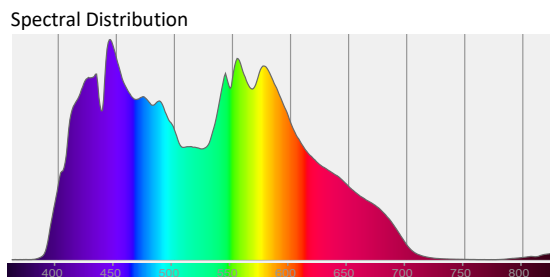
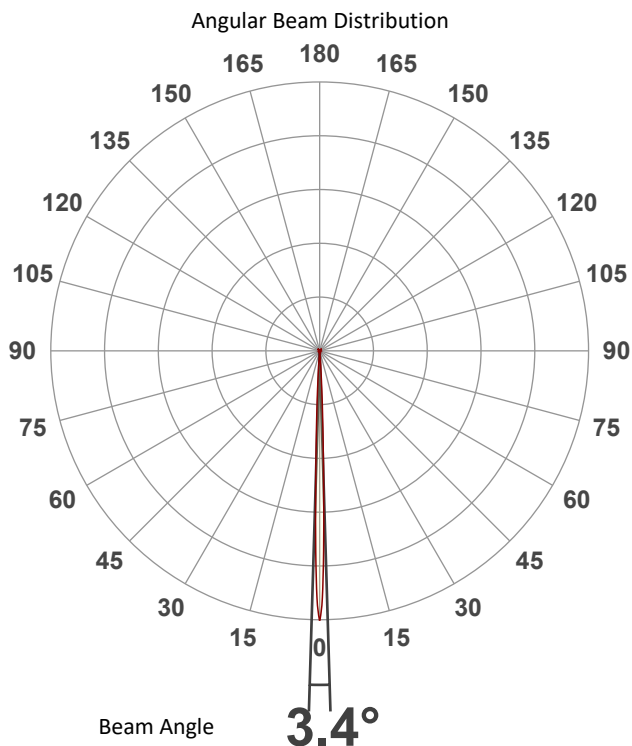


### Conditions

AC Supply: 116 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 5/3/2023 to LM-63-2002 Standards.

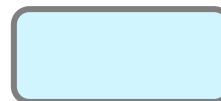
## Overall Measurement



Tested Color (CIE 1931):

X: 0.310

Y: 0.321



Light Quality

CRI: 80.5

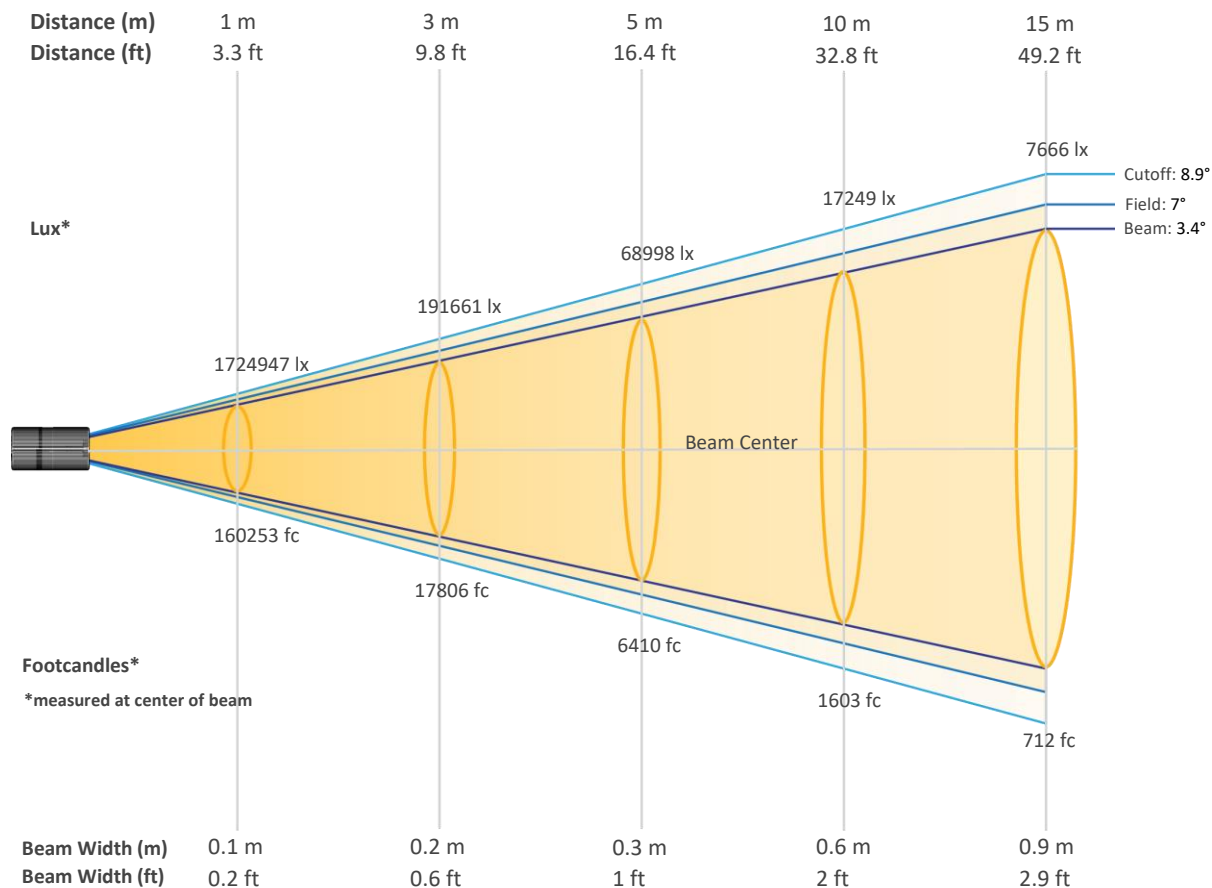
Color Temperature

6724 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Frost - Full Power

## Beam Details

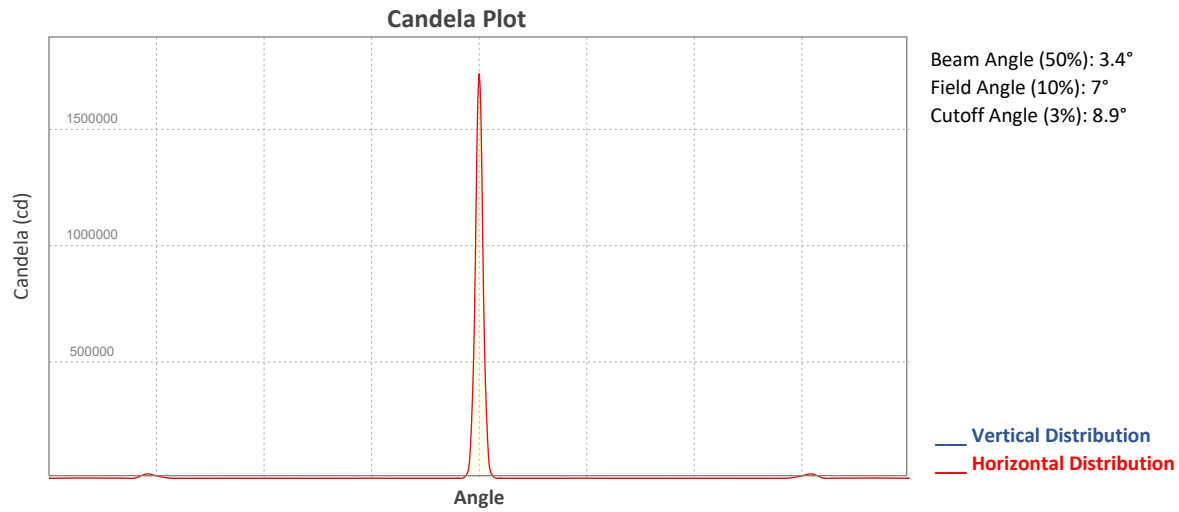


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17249 47	431237	191661	107809	68998	47915	35203	26952	21296	17249
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	14256	11979	10207	8801	7666	6738	5969	5324	4778	4312
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16025 3	40063	17806	10016	6410	4451	3270	2504	1978	1603
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1324	1113	948	818	712	626	555	495	444	401

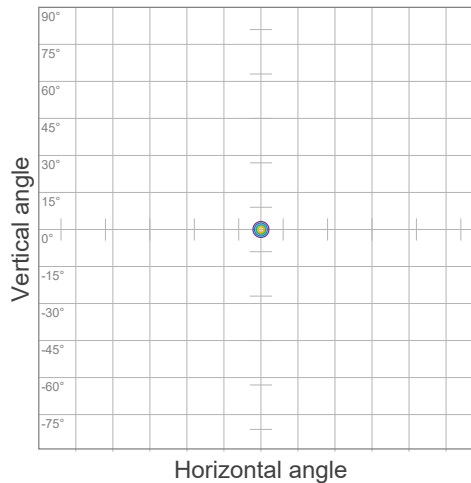
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Frost - Full Power



## ISO Diagrams

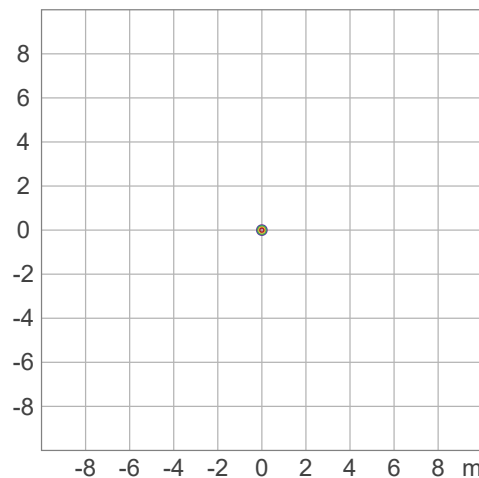
### ISO Candela Diagram



90 %	1552453.0 cd
80 %	1379958.0 cd
70 %	1207463.0 cd
60 %	1034969.0 cd
50 %	862473.8 cd
40 %	689979.0 cd
30 %	517484.3 cd
20 %	344989.5 cd
10 %	172494.8 cd

Peak intensity: 1724948.0 cd  
 Number of c-planes: 2

### ISO Lux Diagram



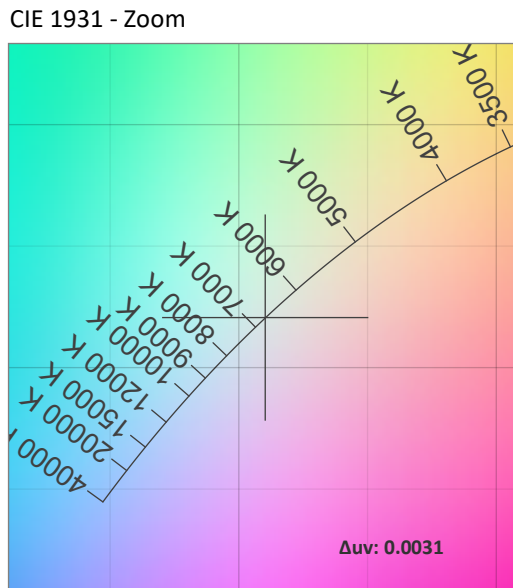
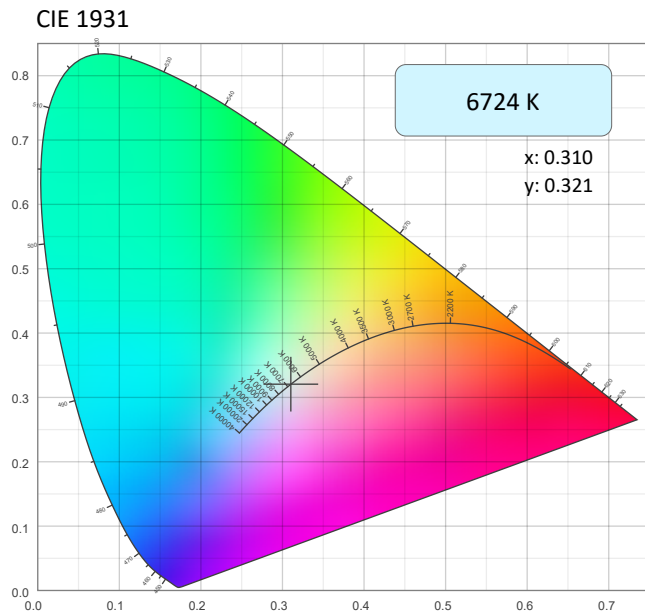
50.0 %	95830.4 lx
30.0 %	57498.3 lx
10.0 %	19166.1 lx
5.0 %	9583.0 lx
3.0 %	5749.8 lx

Peak illuminance: 191660.8 lx  
 Mounting height: 3.0 m  
 Number of c-planes: 2

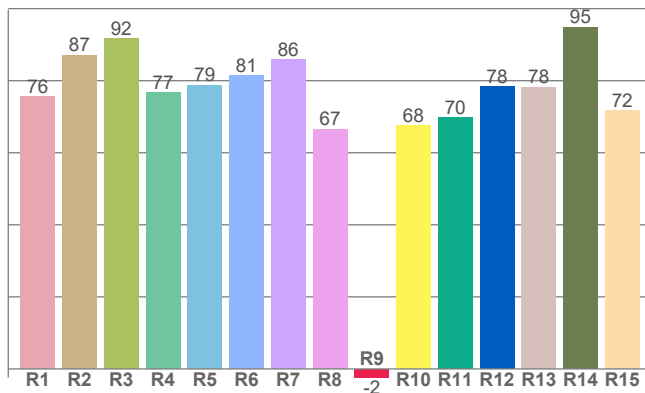
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Frost - Full Power

## Chromaticity



CRI: 80.5 (R1-R8)

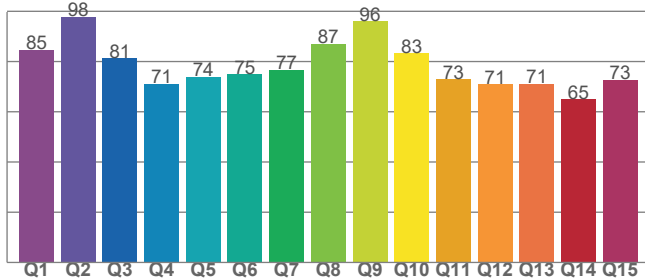


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6724 K	0.310	0.321

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0031	0.321	0.199

CQS: 76.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.5	-2.4	76.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
59	82.8	92.5



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot - Full Power

## Report Summary

### Measurements

Fixture Output: 30978 lm  
Fixture Peak: 26885440 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1075418 lux  
Color Temperature: 6951 K  
CRI: 80.6    CRI R9 Value: -3.3  
CQS: 76.8  
TLCI: 59  
TM-30 Rf: 82.8  
TM-30 Rg: 92.7  
Beam Angle (50%): 1.3°  
Field Angle (10%): 2.2°  
Cutoff Angle (3%): 2.6°

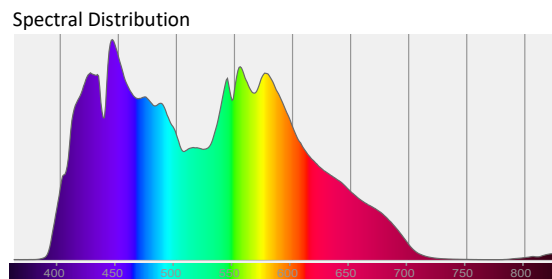
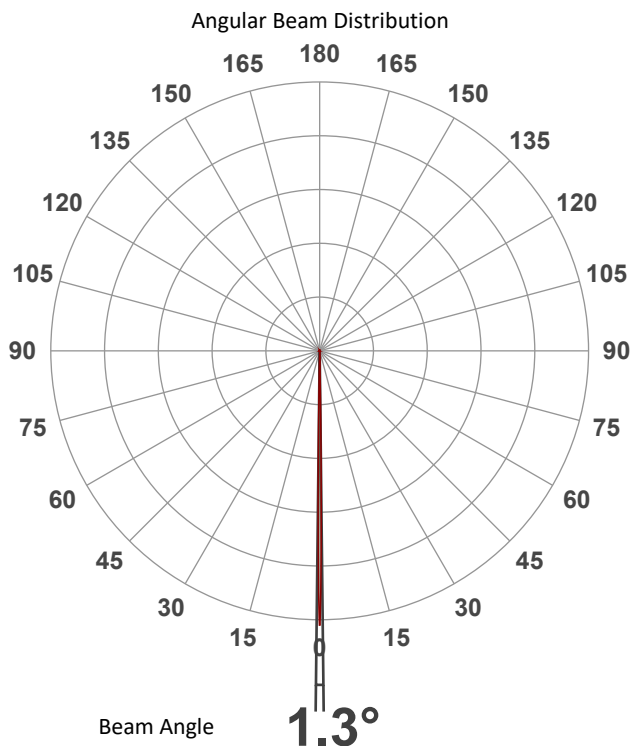


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/2/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.307  
Y: 0.317

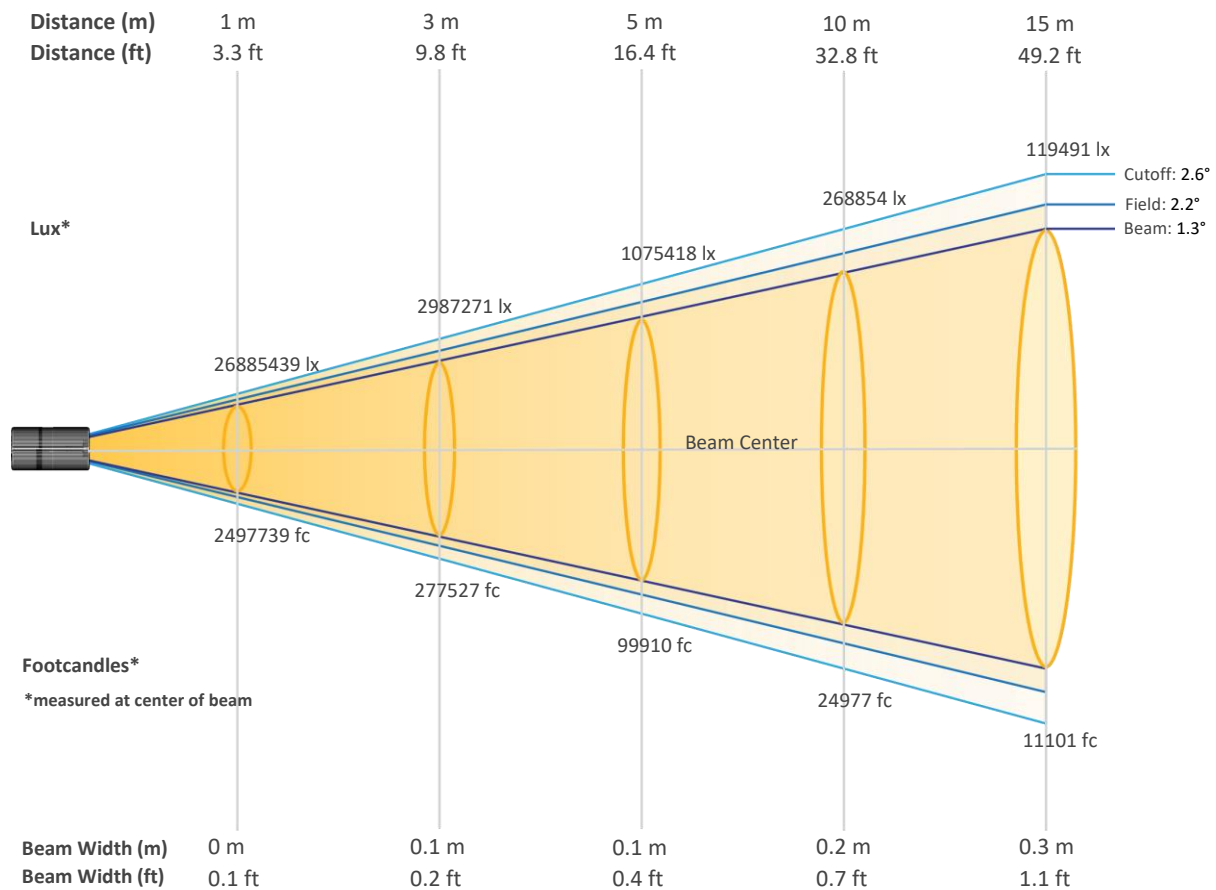
Light Quality  
CRI: 80.6

Color Temperature  
6951 K

# Photometric & Chromaticity Report

## Maverick Storm 1 Hybrid: Full Spot - Full Power

### Beam Details

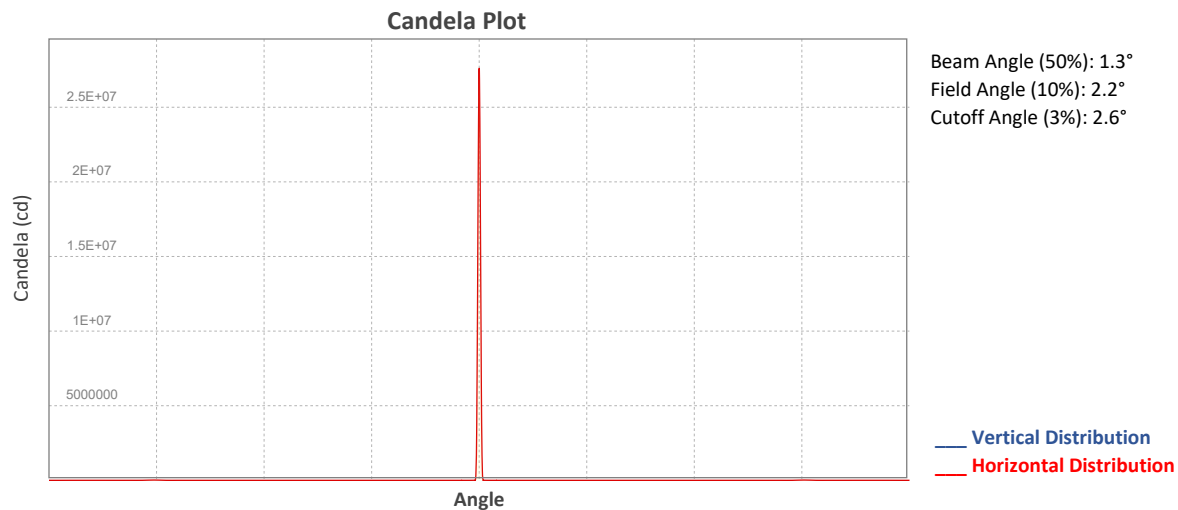


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26885439	6721360	2987271	1680340	1075418	746818	548682	420085	331919	268854
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	222194	186704	159085	137171	119491	105021	93029	82980	74475	67214
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2497739	624435	277527	156109	99910	69382	50974	39027	30836	24977
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	20642	17345	14780	12744	11101	9757	8643	7709	6919	6244

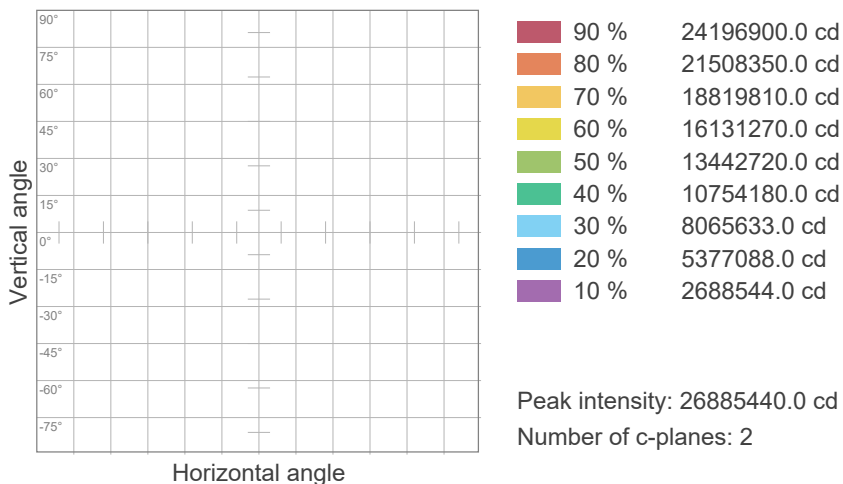
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot - Full Power

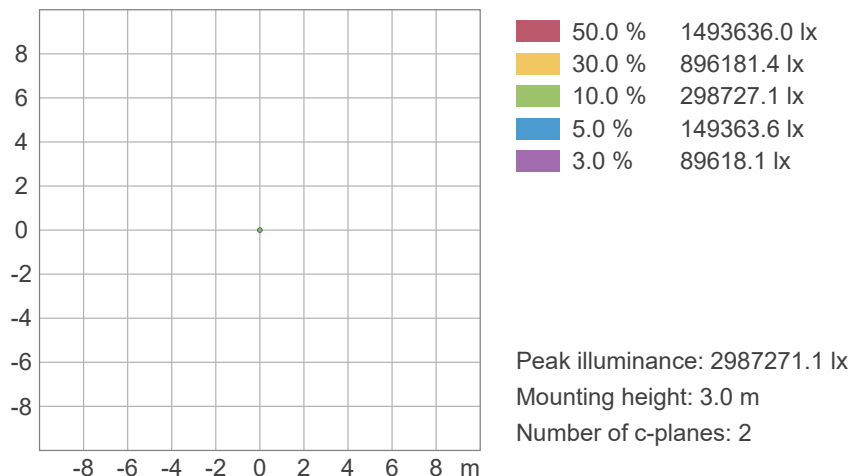


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

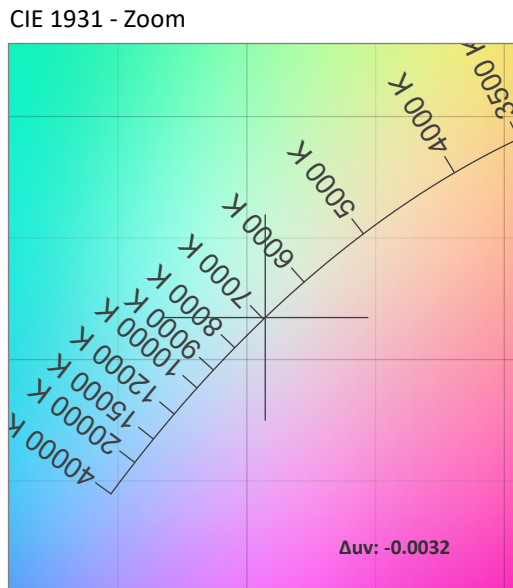
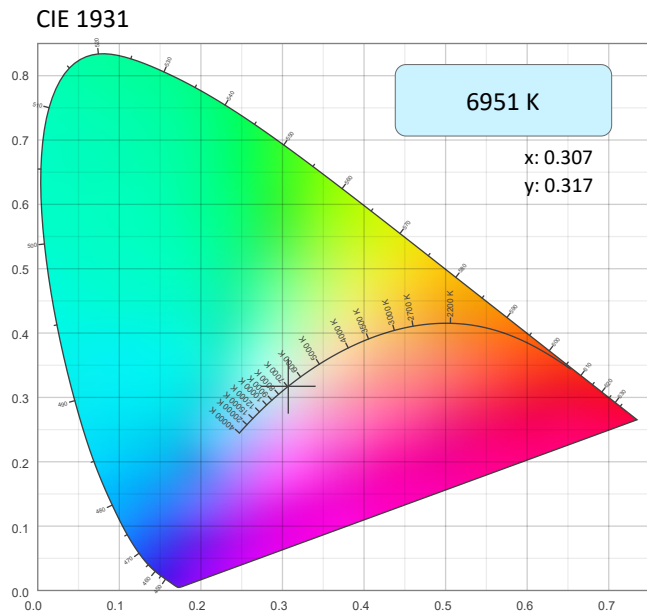




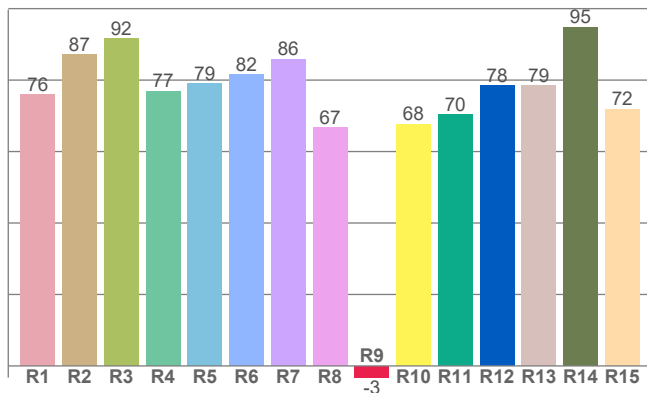
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot - Full Power

## Chromaticity



CRI: 80.6 (R1-R8)

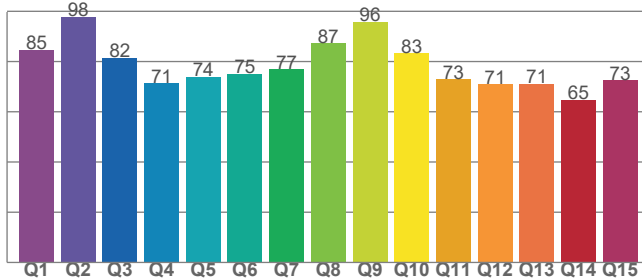


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6951 K	0.307	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0032	0.317	0.198

CQS: 76.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.6	-3.3	76.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
59	82.8	92.7

# Photometric & Chromaticity Report

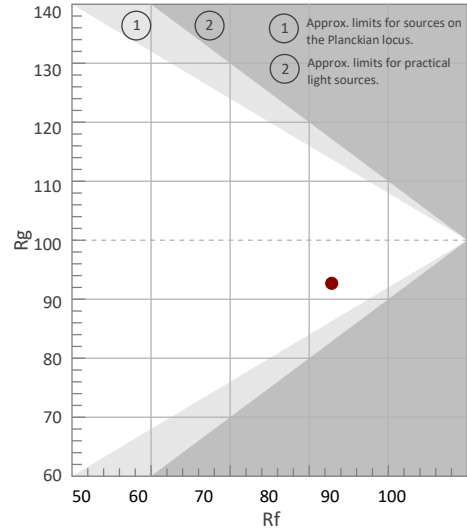
Maverick Storm 1 Hybrid: Full Spot - Full Power

## TM-30 Details

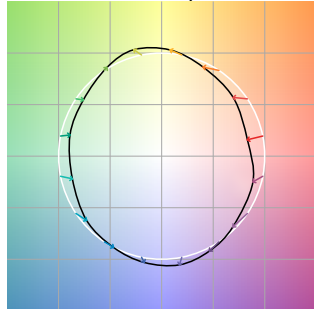
**Rf 82.8**  
Fidelity Index (Rg)

**Rg 92.7**  
Gammut Index (Rg)

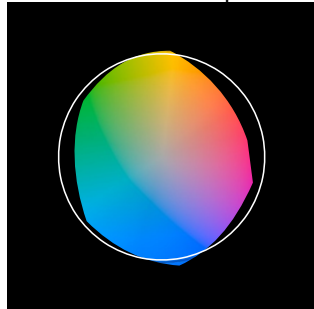
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	73	-15%	-1%
2	75	-11%	9%
3	76	-6%	15%
4	80	3%	12%
5	86	7%	6%
6	93	1%	-4%
7	88	-7%	-3%
8	84	-9%	-3%
9	86	-11%	5%
10	81	-5%	11%
11	80	0%	10%
12	88	4%	4%
13	89	7%	-4%
14	86	2%	-13%
15	76	-5%	-19%
16	82	-8%	-7%



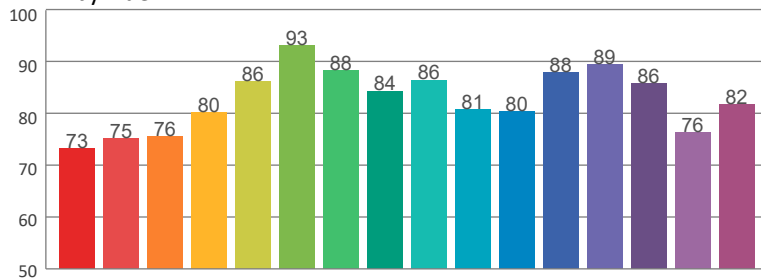
Color Vector Graphic



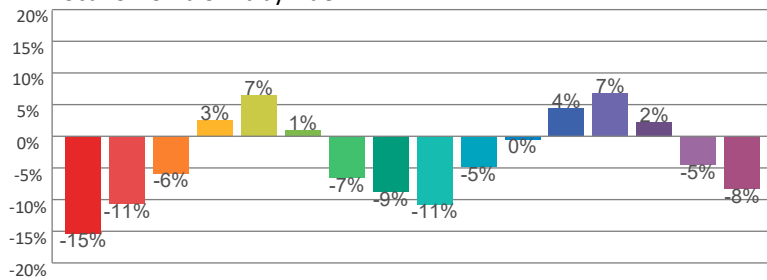
Color Distortion Graphic



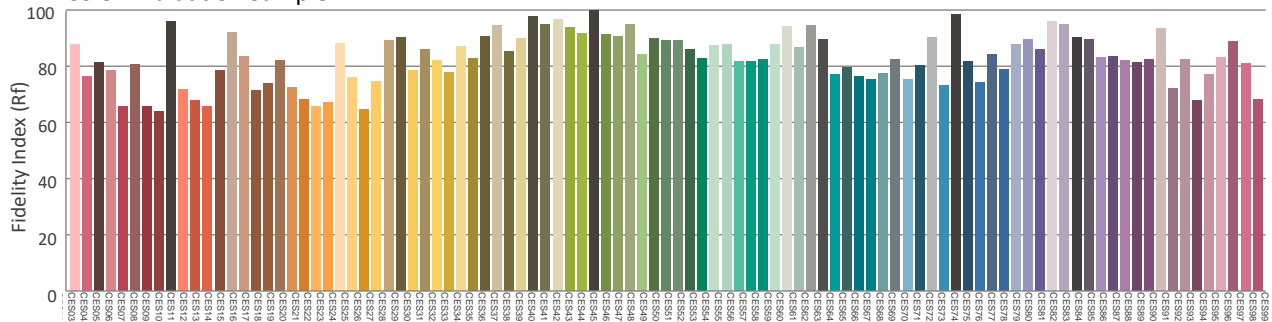
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Beam mode - Full Power

## Report Summary

### Measurements

Fixture Output: 29930 lm  
Fixture Peak: 50866564 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2034662 lux  
Color Temperature: 6834 K  
CRI: 81.5    CRI R9 Value: -0.6  
CQS: 77.6  
TLCI: 60  
TM-30 Rf: 83.6  
TM-30 Rg: 93.0  
Beam Angle (50%): 0.8°  
Field Angle (10%): 1.5°  
Cutoff Angle (3%): 1.9°

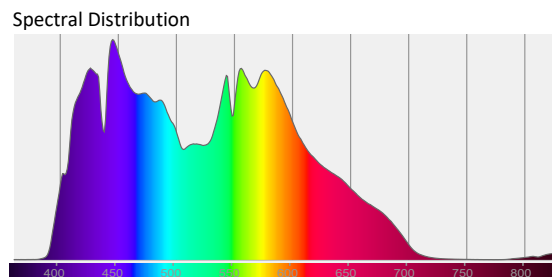
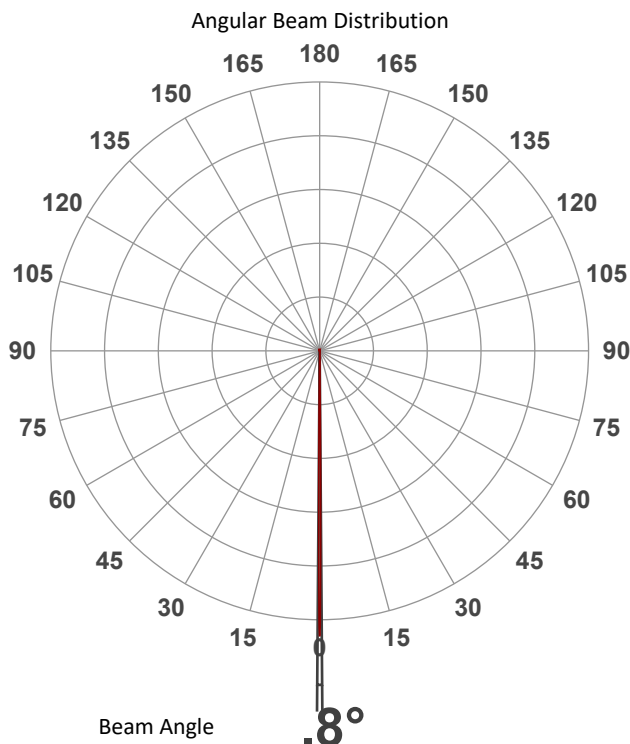


### Conditions

AC Supply: 114 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 5/2/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.309  
Y: 0.318

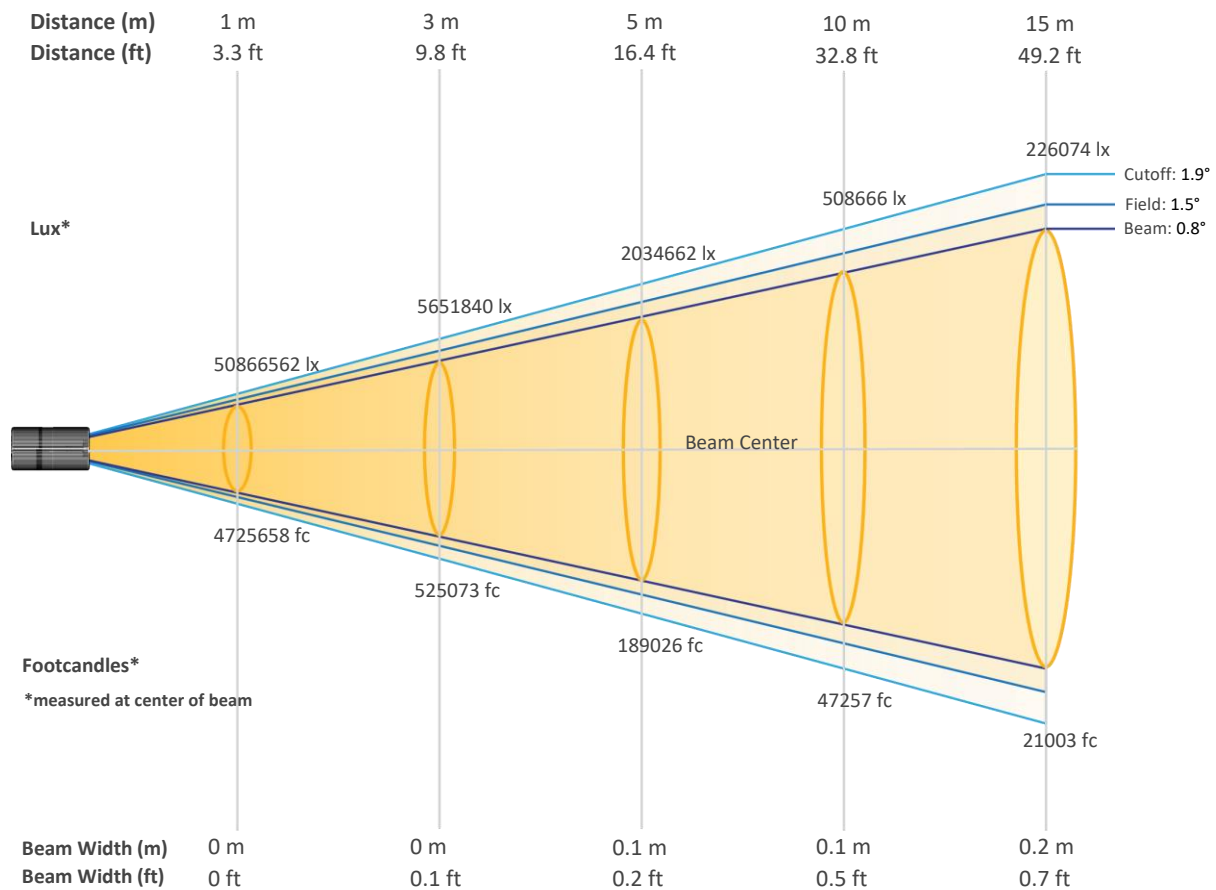
Light Quality  
CRI: 81.5

Color Temperature  
6834 K

# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Beam mode - Full Power

## Beam Details

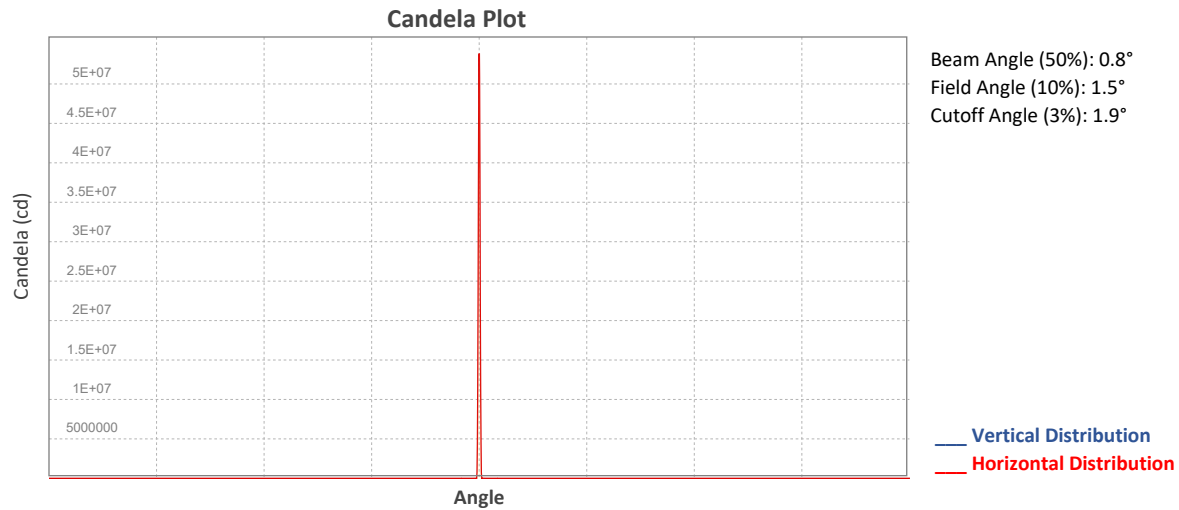


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	50866562	12716641	5651840	3179160	2034662	1412960	1038093	794790	627982	508666
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	420385	353240	300986	259523	226074	198698	176009	156996	140905	127166
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4725658	1181415	525073	295354	189026	131268	96442	73838	58341	47257
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	39055	32817	27962	24111	21003	18460	16352	14585	13090	11814

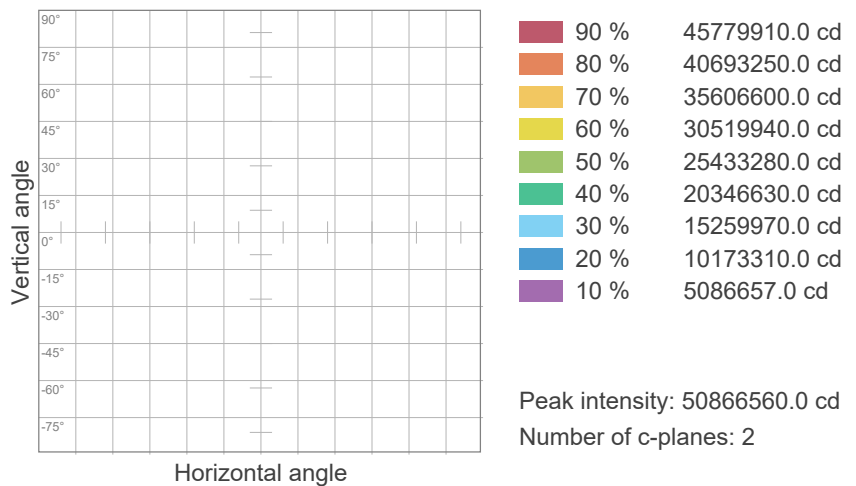
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Beam mode - Full Power

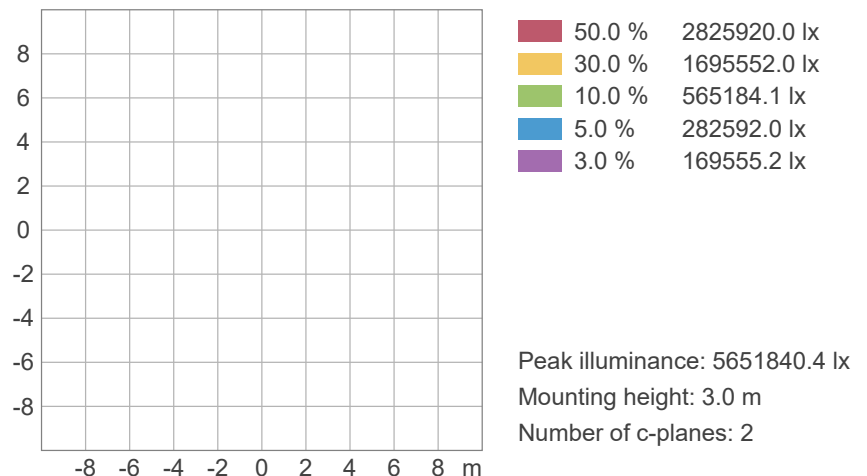


## ISO Diagrams

### ISO Candela Diagram



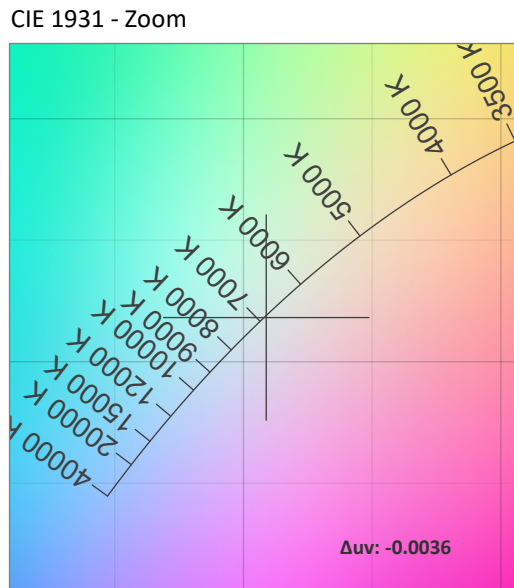
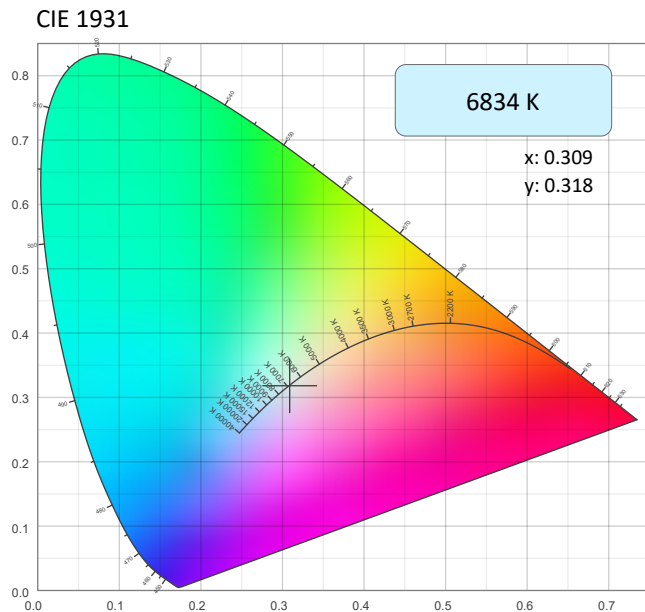
### ISO Lux Diagram



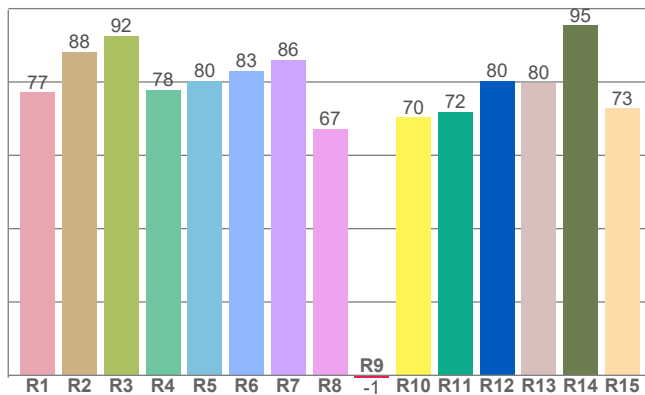
# Photometric & Chromaticity Report

Maverick Storm 1 Hybrid: Full Spot-Beam mode - Full Power

## Chromaticity



CRI: 81.5 (R1-R8)

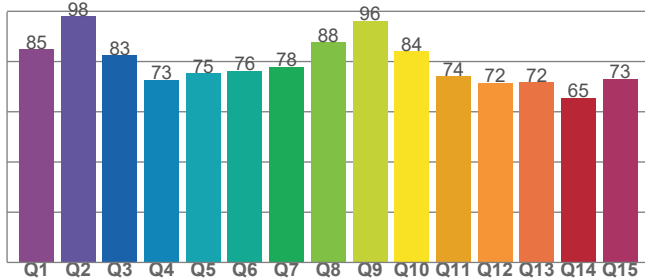


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6834 K	0.309	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0036	0.318	0.199

CQS: 77.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.5	-0.6	77.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
60	83.6	93.0



# Photometric & Chromaticity Report

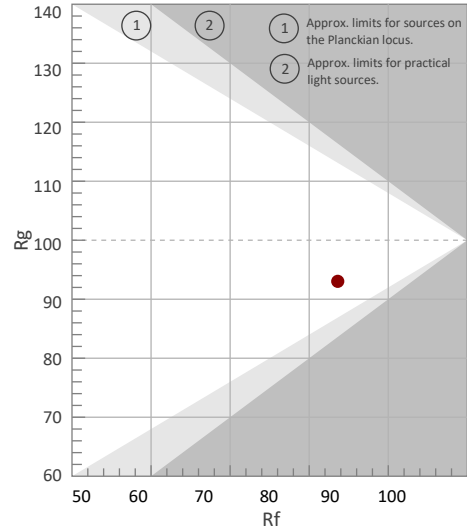
Maverick Storm 1 Hybrid: Full Spot-Beam mode - Full Power

## TM-30 Details

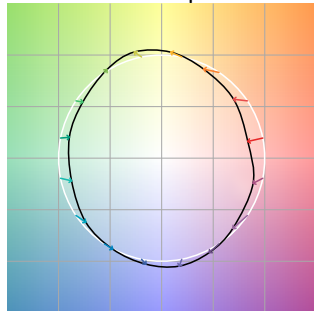
**Rf 83.6**  
Fidelity Index  
(Rg)

**Rg 93.0**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	-15%	0%
2	76	-10%	9%
3	77	-6%	14%
4	81	3%	11%
5	87	6%	6%
6	93	1%	-4%
7	89	-6%	-3%
8	85	-8%	-2%
9	87	-10%	4%
10	82	-4%	11%
11	82	0%	9%
12	90	4%	5%
13	89	6%	-4%
14	86	2%	-12%
15	77	-5%	-18%
16	82	-8%	-7%



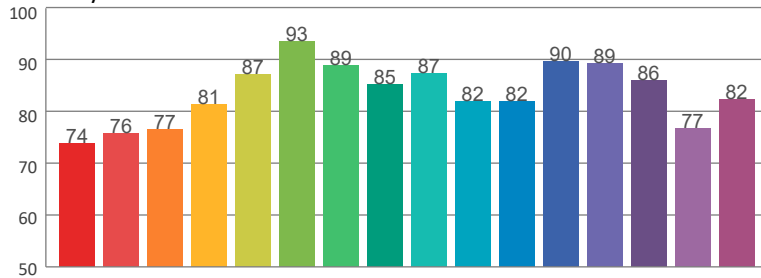
Color Vector Graphic



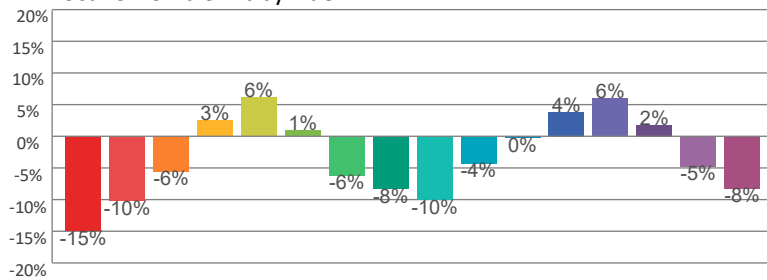
Color Distortion Graphic



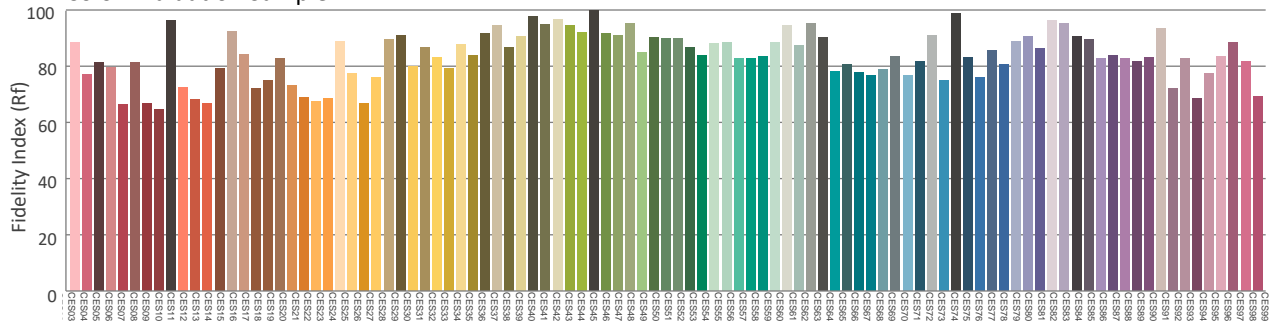
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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<b>Chauvet Mexico</b>	
Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: <a href="mailto:servicio@chauvetlighting.de">servicio@chauvetlighting.de</a> Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>

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