

PHOTOMETRICS REPORT

# MAVERICK STORM

2 BEAMWASH



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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.



**MAVERICK**  
**STORM**  
2 BEAMWASH

# Photometrics & Chromaticity Reports

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Full

## Report Summary

### Output

Total Lumens: 11071 lm  
Peak Intensity: 35698 cd  
Illuminance @ 5m: 1427 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.7°  
Vertical Beam Angle (50%): 34.7°  
Horizontal Field Angle (10%): 46.5°  
Vertical Field Angle (10%): 46.5°  
Horizontal Cutoff Angle (3%): 52°  
Vertical Cutoff Angle (3%): 52°

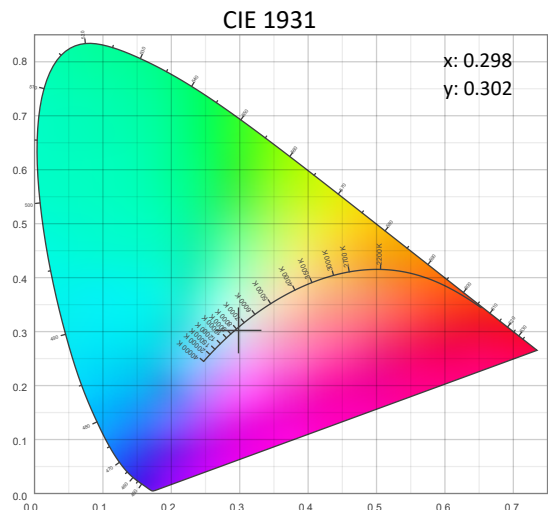
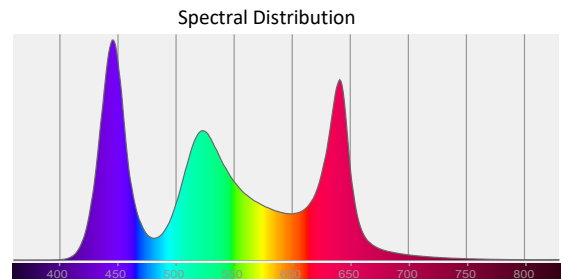
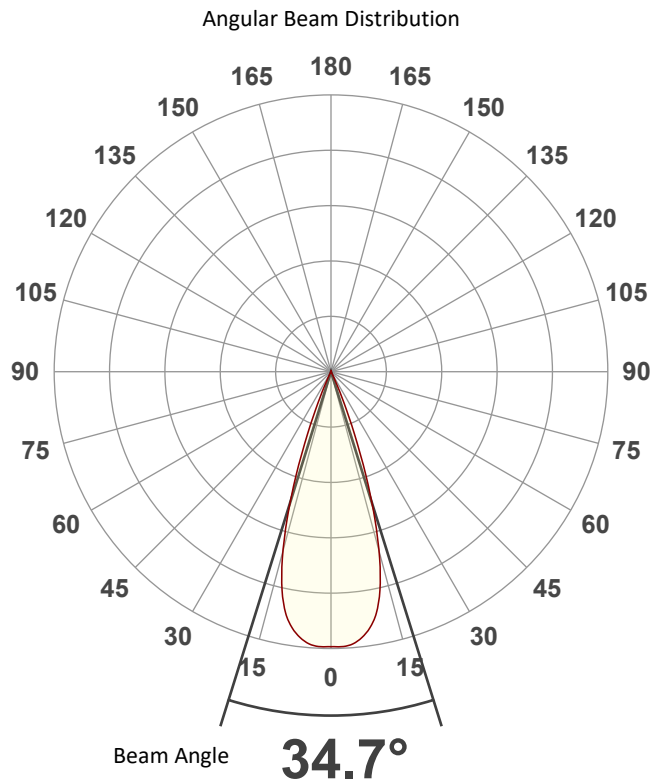


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

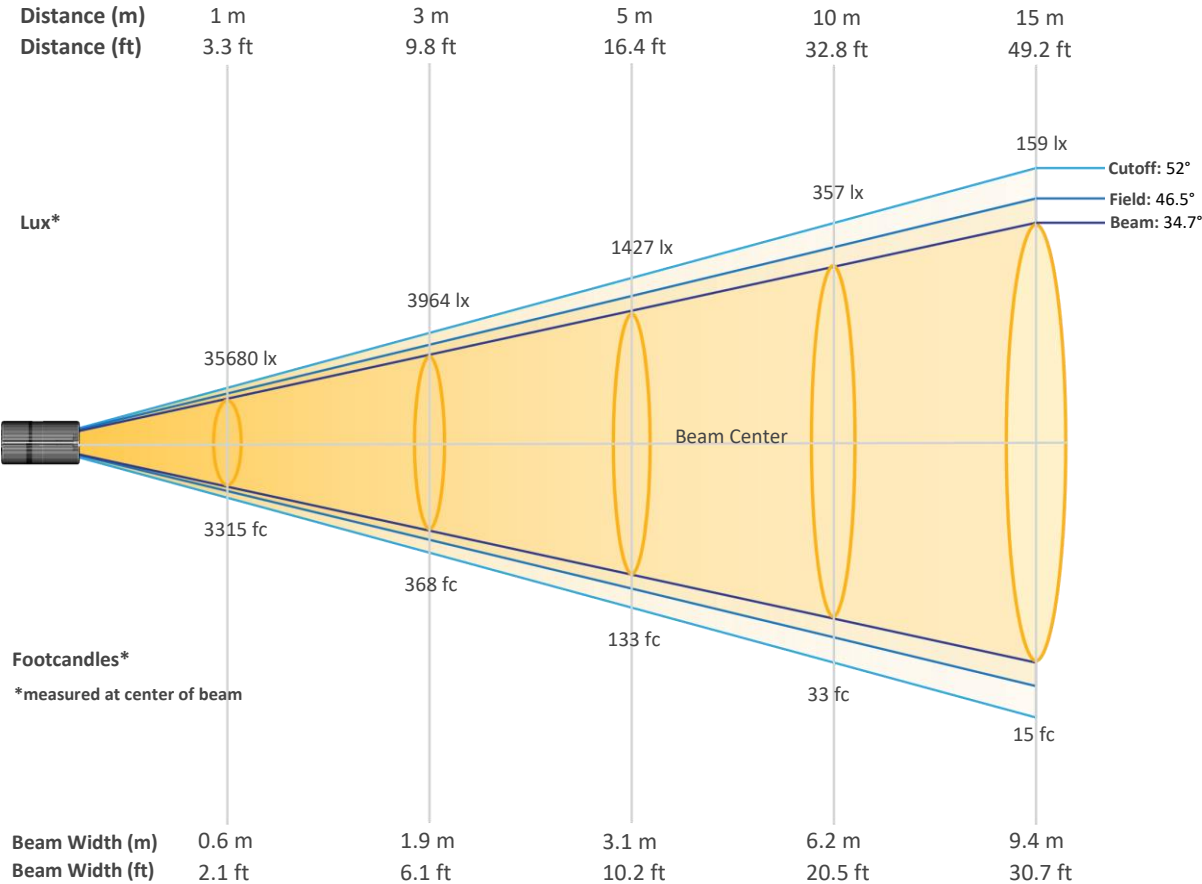
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Full

## Beam Details



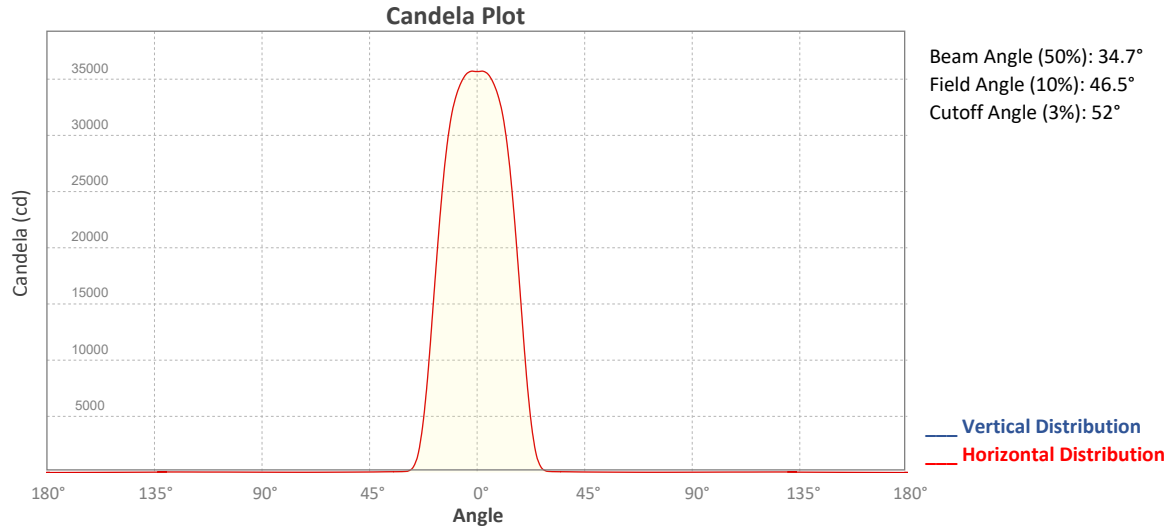
### Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35680	8920	3964	2230	1427	991	728	558	440	357
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	295	248	211	182	159	139	123	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3315	829	368	207	133	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

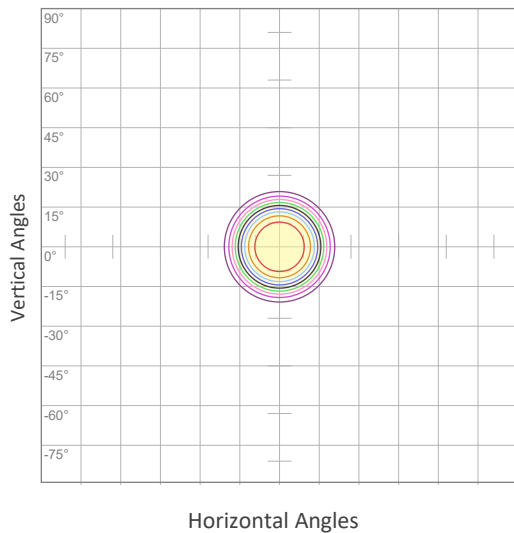


# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Full



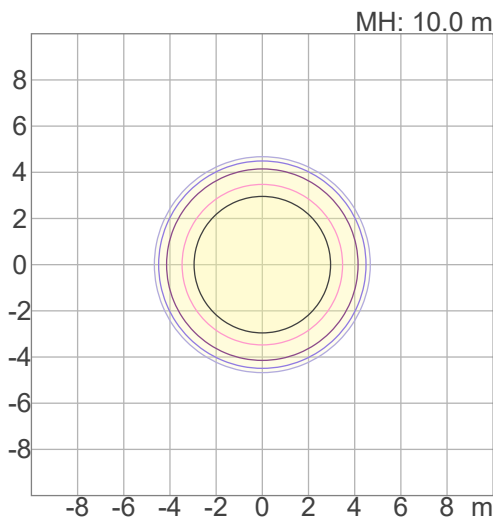
## Polar Diagrams



**iso-candela Diagram**

10%	3568 cd
20%	7136 cd
30%	10704 cd
40%	14272 cd
50%	17840 cd
60%	21408 cd
70%	24976 cd
80%	28544 cd
90%	32112 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 35680 cd



**iso-illuminance Diagram**

3%	10.7 lx
5%	17.8 lx
10%	35.7 lx
30%	107 lx
50%	178 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 357 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Auto

## Report Summary

### Output

Total Lumens: 11065 lm  
Peak Intensity: 35632 cd  
Illuminance @ 5m: 1425 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.7°  
Vertical Beam Angle (50%): 34.7°  
Horizontal Field Angle (10%): 46.4°  
Vertical Field Angle (10%): 46.4°  
Horizontal Cutoff Angle (3%): 51.7°  
Vertical Cutoff Angle (3%): 51.7°

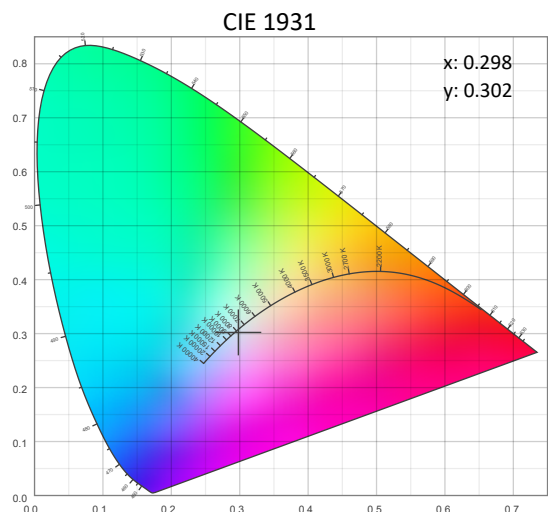
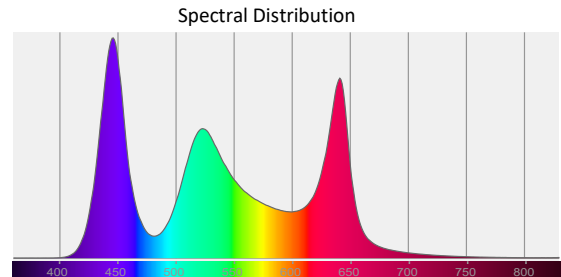
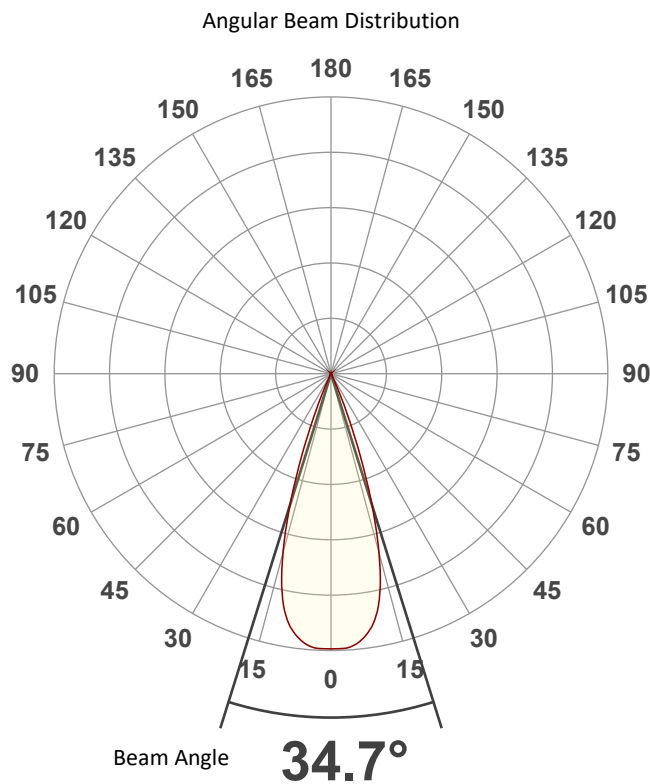


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

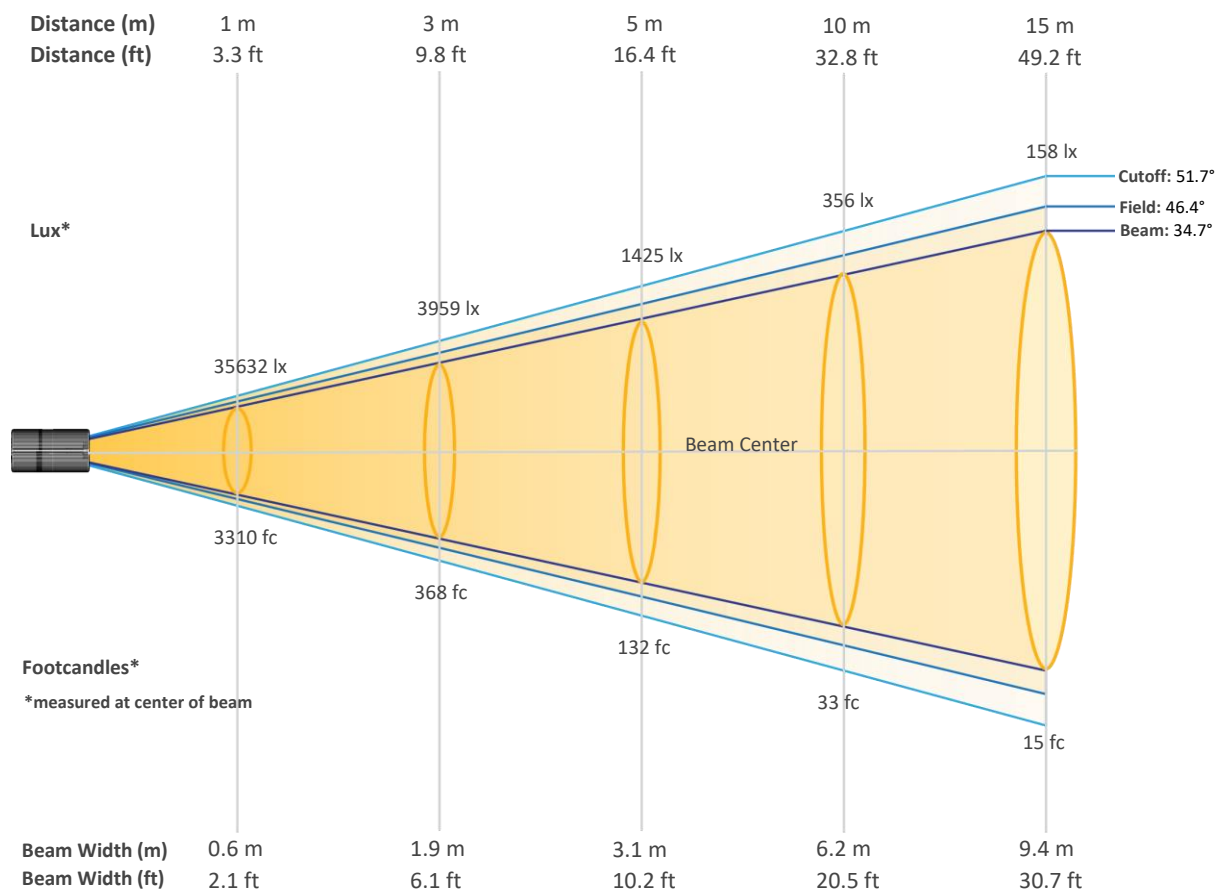
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Auto

## Beam Details

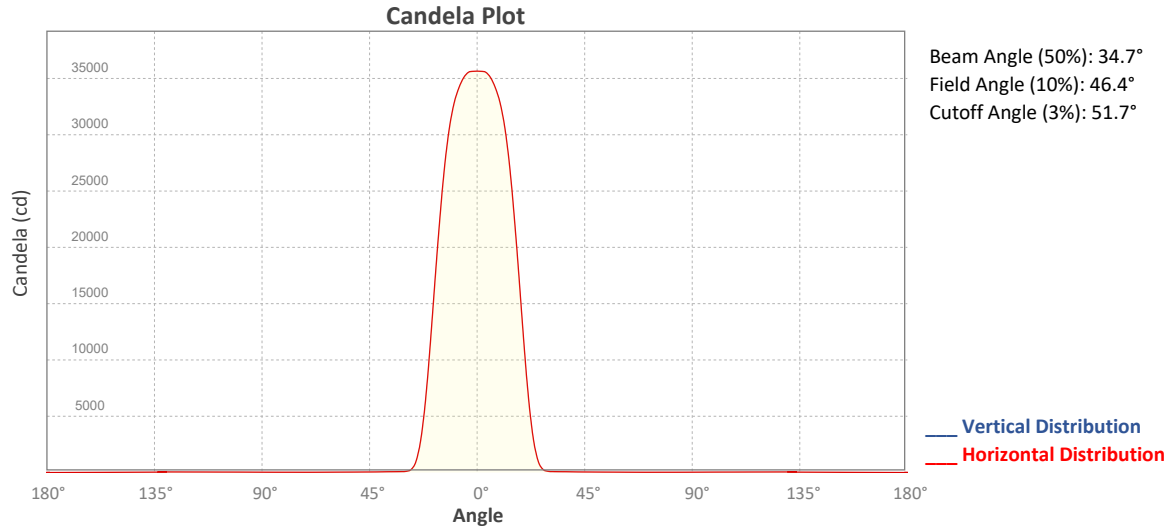


### Beam Illuminances from 1-20m (3.3-65.6ft)

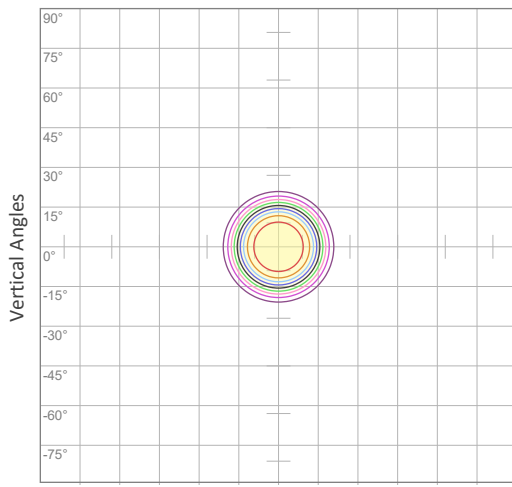
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35632	8908	3959	2227	1425	990	727	557	440	356
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	294	247	211	182	158	139	123	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3310	828	368	207	132	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to Auto



## Polar Diagrams

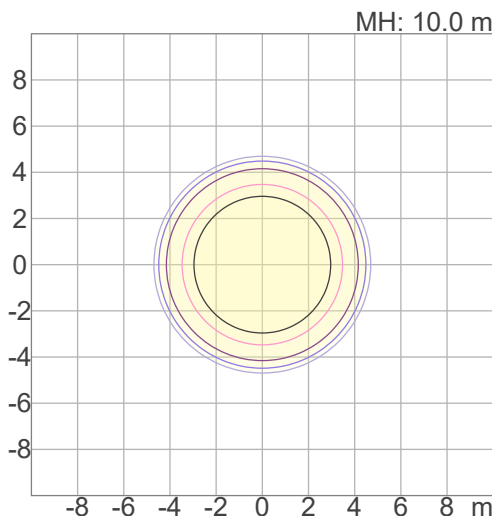


**iso-candela Diagram**

10%	3563 cd
20%	7126 cd
30%	10690 cd
40%	14253 cd
50%	17816 cd
60%	21379 cd
70%	24942 cd
80%	28506 cd
90%	32069 cd

**Conditions:**  
Number of c-planes: 2  
Candela at center: 35632 cd

Horizontal Angles



**iso-illuminance Diagram**

3%	10.7 lx
5%	17.8 lx
10%	35.6 lx
30%	107 lx
50%	178 lx

**Conditions:**  
Number of c-planes: 2  
Lux at center: 356 lx

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

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to Auto

## Report Summary

### Output

Total Lumens: 12295 lm  
Peak Intensity: 40034 cd  
Illuminance @ 5m: 1601 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.5°  
Vertical Beam Angle (50%): 34.5°  
Horizontal Field Angle (10%): 46.1°  
Vertical Field Angle (10%): 46.1°  
Horizontal Cutoff Angle (3%): 51.7°  
Vertical Cutoff Angle (3%): 51.7°

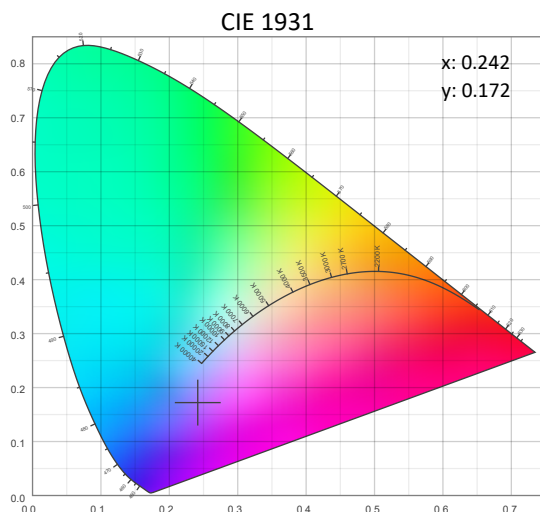
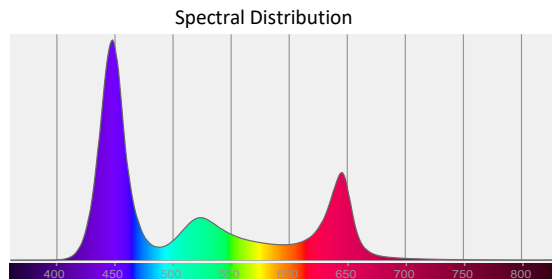
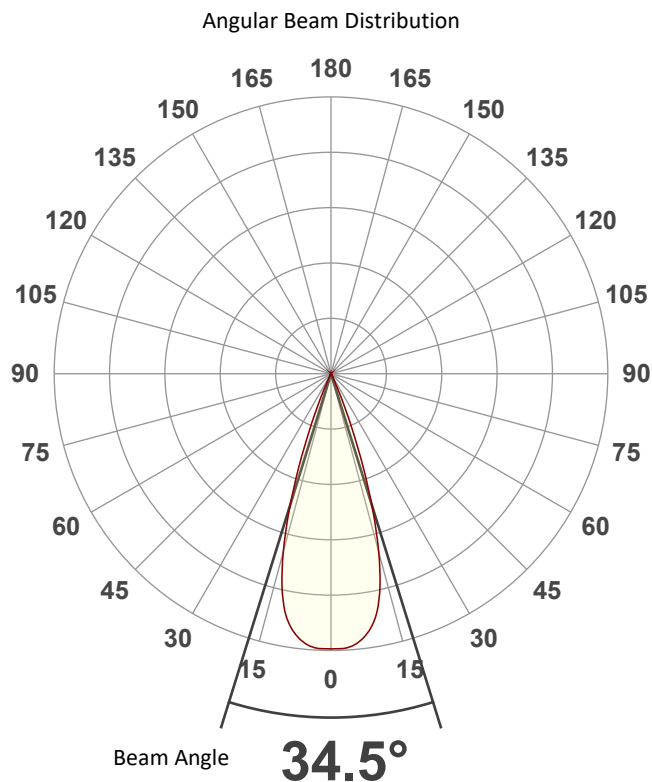


### Conditions

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

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## Overall Measurement

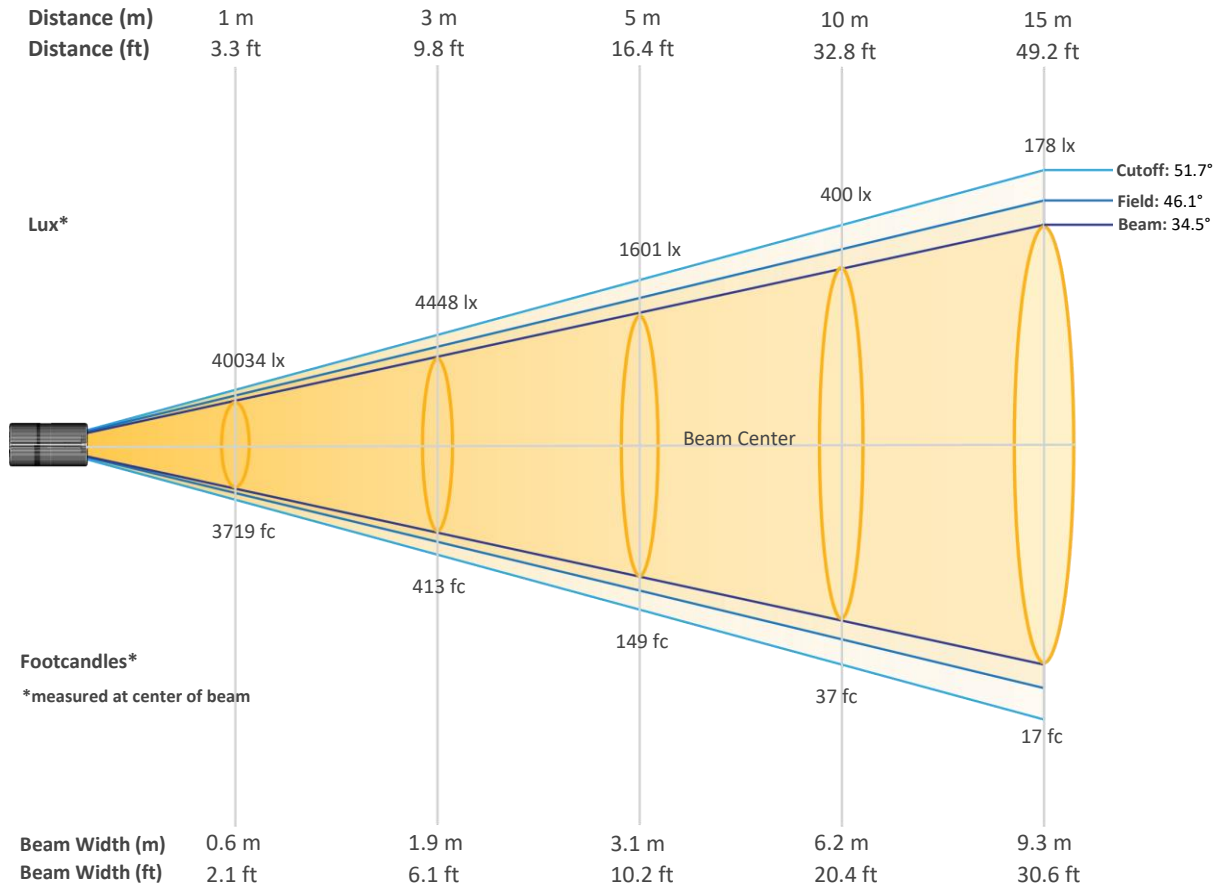




# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to Auto

## Beam Details

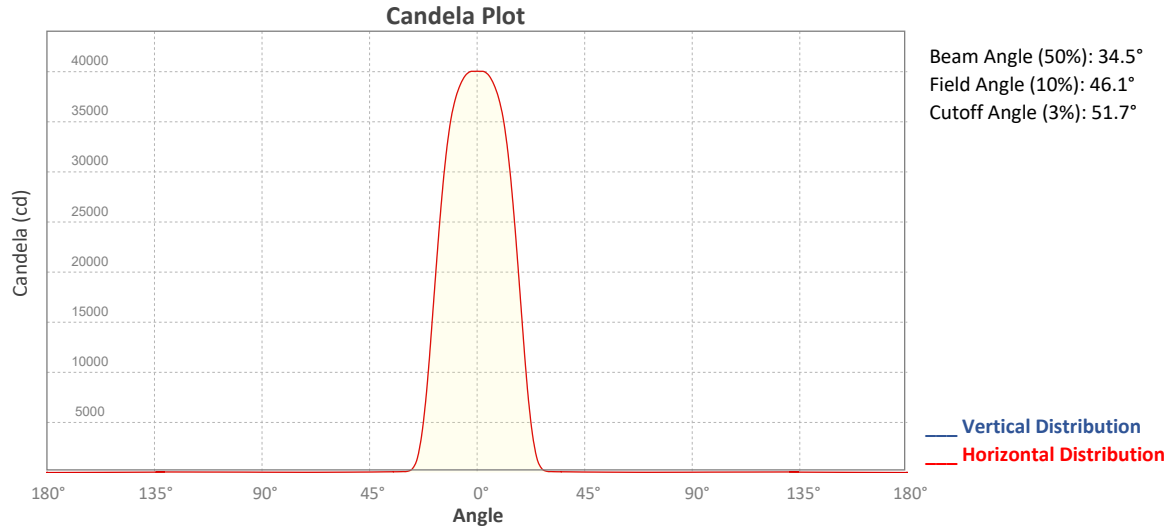


### Beam Illuminances from 1-20m (3.3-65.6ft)

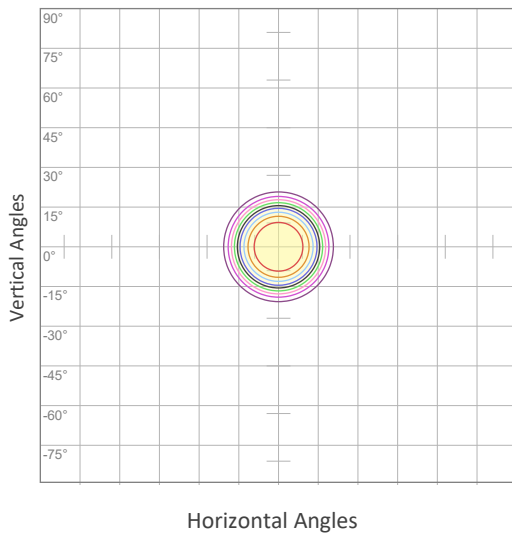
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	40034	10008	4448	2502	1601	1112	817	626	494	400
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	331	278	237	204	178	156	139	124	111	100
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3719	930	413	232	149	103	76	58	46	37
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	17	15	13	11	10	9

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to Auto



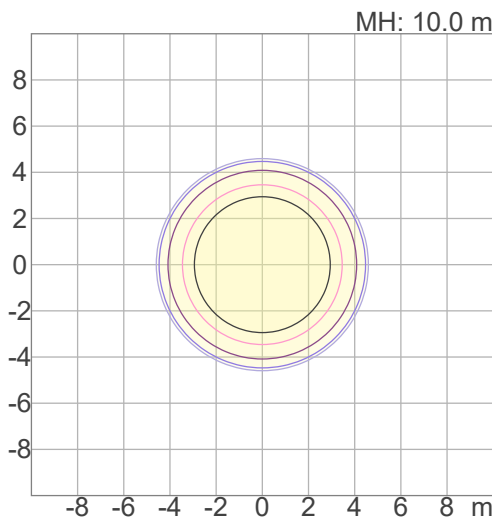
## Polar Diagrams



**iso-candela Diagram**

—	10%	4003 cd
—	20%	8007 cd
—	30%	12010 cd
—	40%	16014 cd
—	50%	20017 cd
—	60%	24020 cd
—	70%	28024 cd
—	80%	32027 cd
—	90%	36031 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 40034 cd



**iso-illuminance Diagram**

—	3%	12.0 lx
—	5%	20.0 lx
—	10%	40.0 lx
—	30%	120 lx
—	50%	200 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 400 lx

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

Mounting height: 10 meters / 33 feet

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO

## Report Summary

### Output

Total Lumens: 11071 lm  
Peak Intensity: 35698 cd  
Illuminance @ 5m: 1427 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.7°  
Vertical Beam Angle (50%): 34.7°  
Horizontal Field Angle (10%): 46.5°  
Vertical Field Angle (10%): 46.5°  
Horizontal Cutoff Angle (3%): 52°  
Vertical Cutoff Angle (3%): 52°

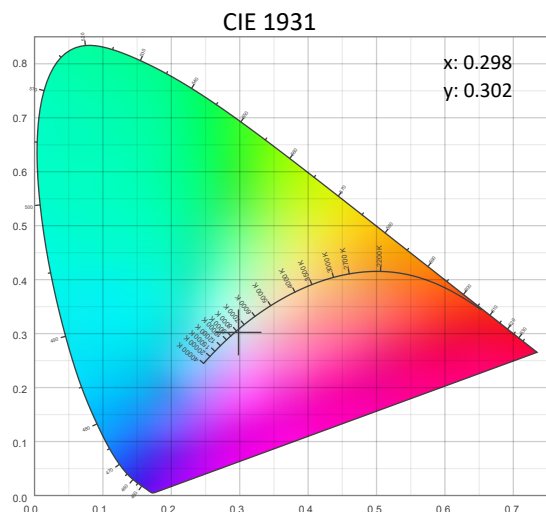
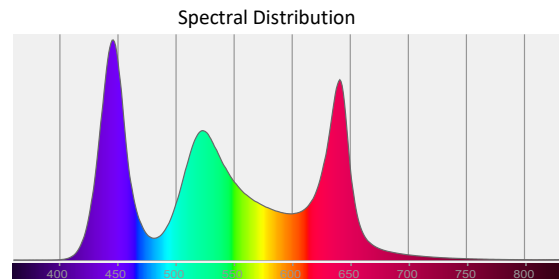
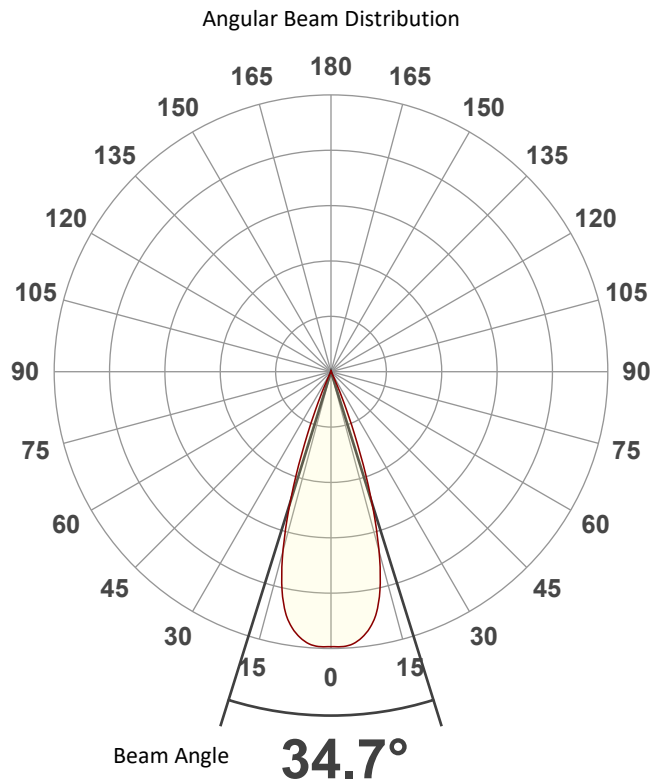


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

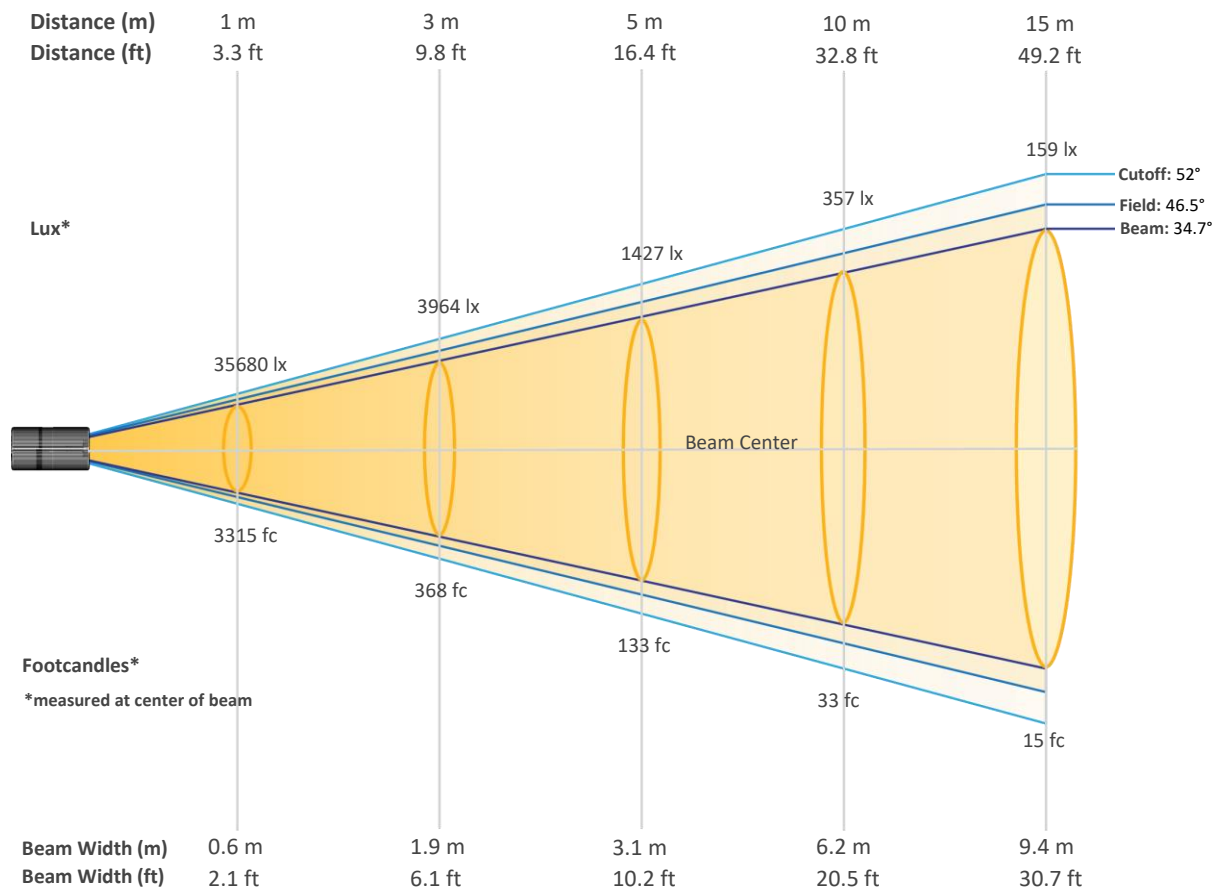
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO

## Beam Details

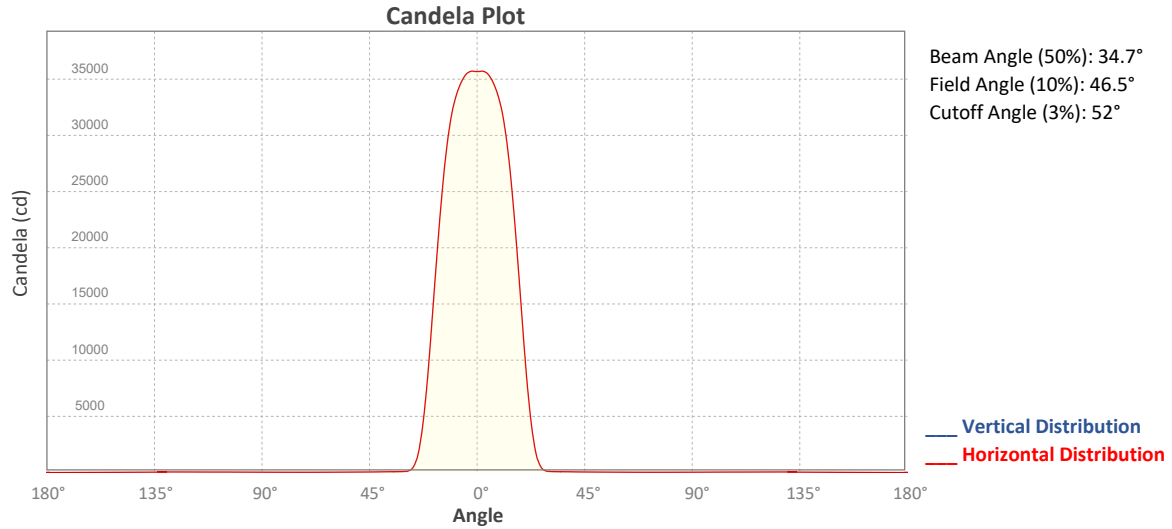


### Beam Illuminances from 1-20m (3.3-65.6ft)

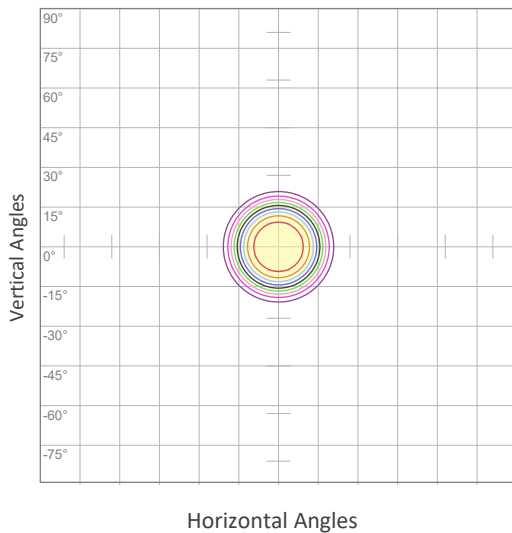
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35680	8920	3964	2230	1427	991	728	558	440	357
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	295	248	211	182	159	139	123	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3315	829	368	207	133	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO



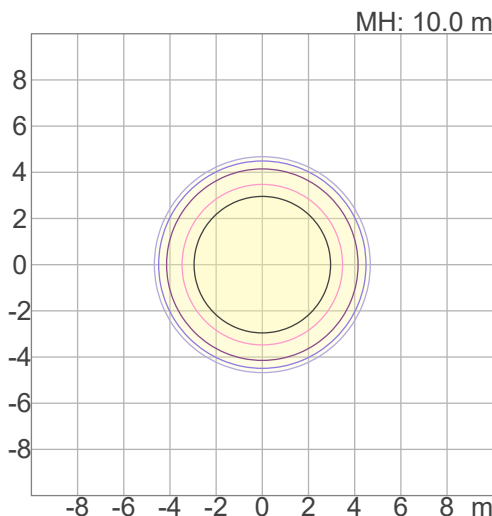
## Polar Diagrams



**iso-candela Diagram**

10%	3568 cd
20%	7136 cd
30%	10704 cd
40%	14272 cd
50%	17840 cd
60%	21408 cd
70%	24976 cd
80%	28544 cd
90%	32112 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 35680 cd



**iso-illuminance Diagram**

3%	10.7 lx
5%	17.8 lx
10%	35.7 lx
30%	107 lx
50%	178 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 357 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO - Stable

## Report Summary

### Output

Total Lumens: 10613 lm  
Peak Intensity: 33942 cd  
Illuminance @ 5m: 1358 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.8°  
Vertical Beam Angle (50%): 34.8°  
Horizontal Field Angle (10%): 46.5°  
Vertical Field Angle (10%): 46.5°  
Horizontal Cutoff Angle (3%): 52.1°  
Vertical Cutoff Angle (3%): 52.1°

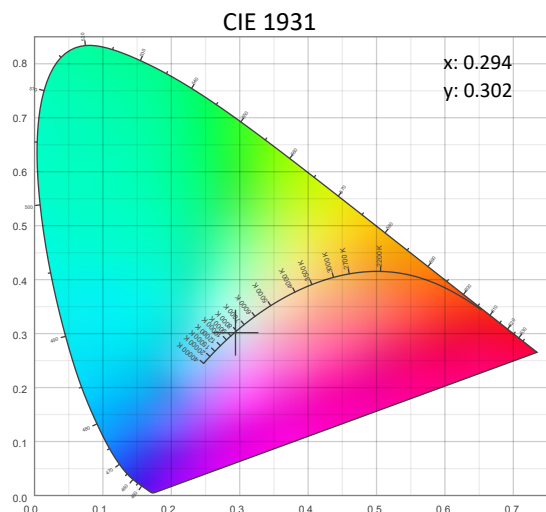
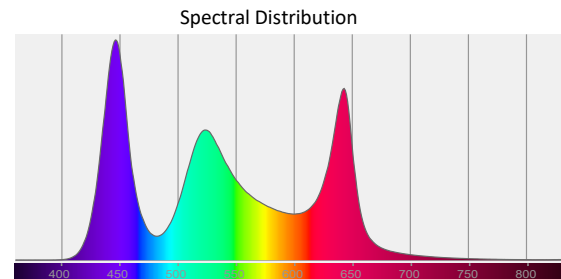
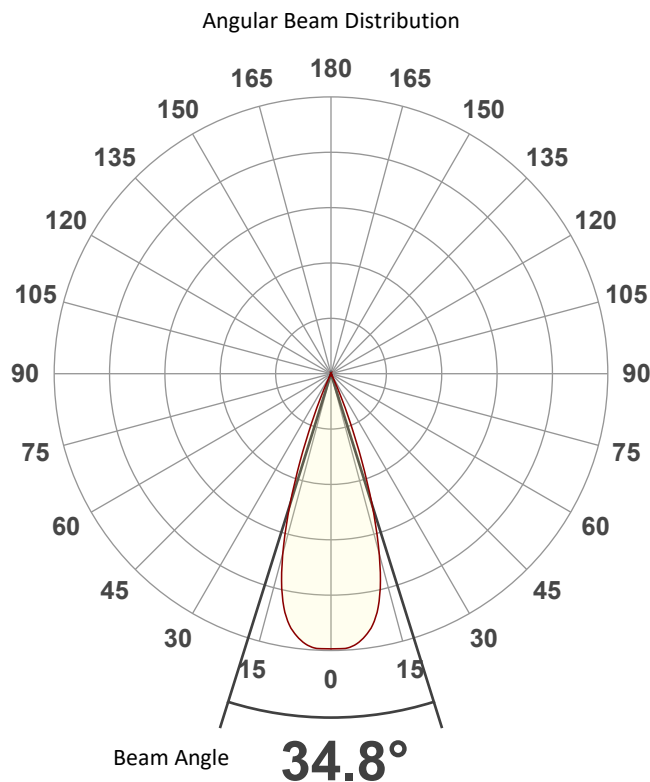


### Conditions

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 5/12/2022 to LM-63-2002 Standards.

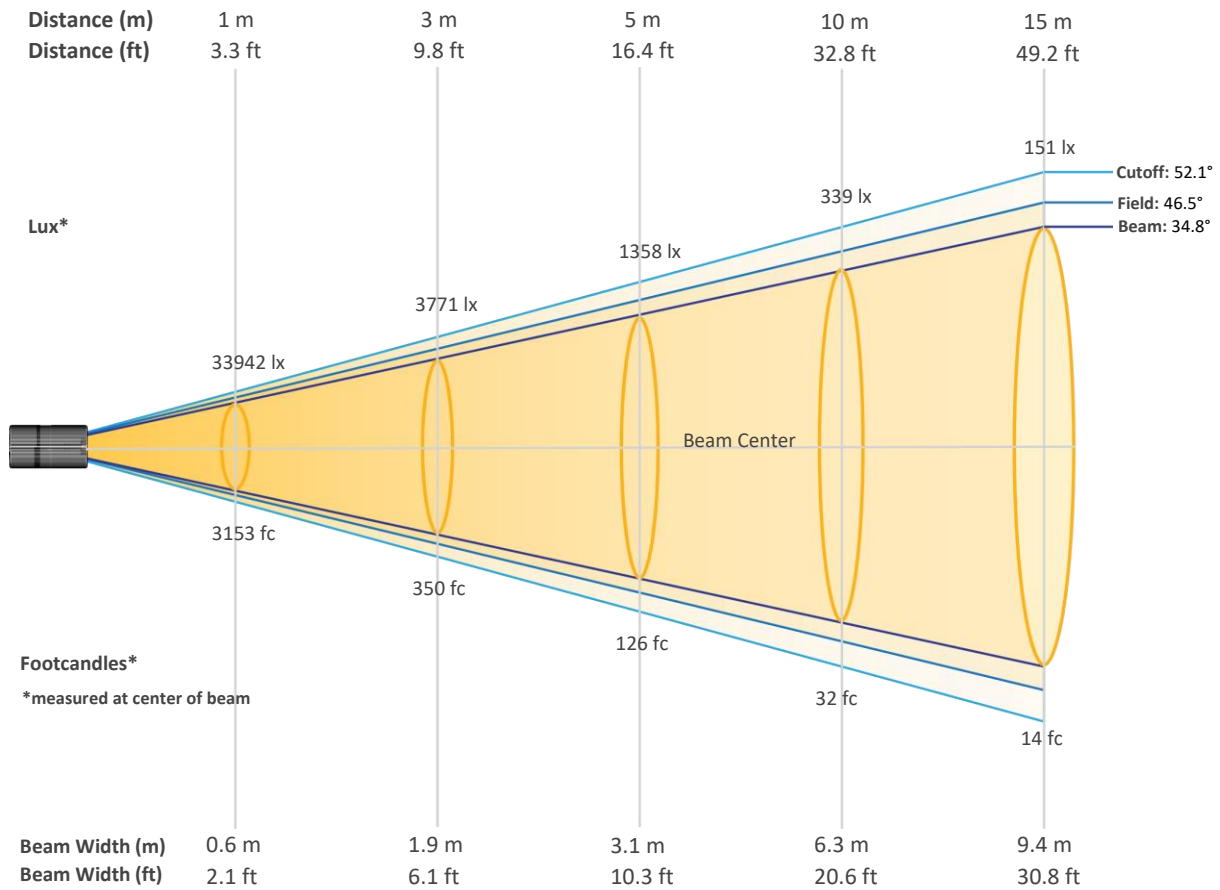
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO - Stable

## Beam Details

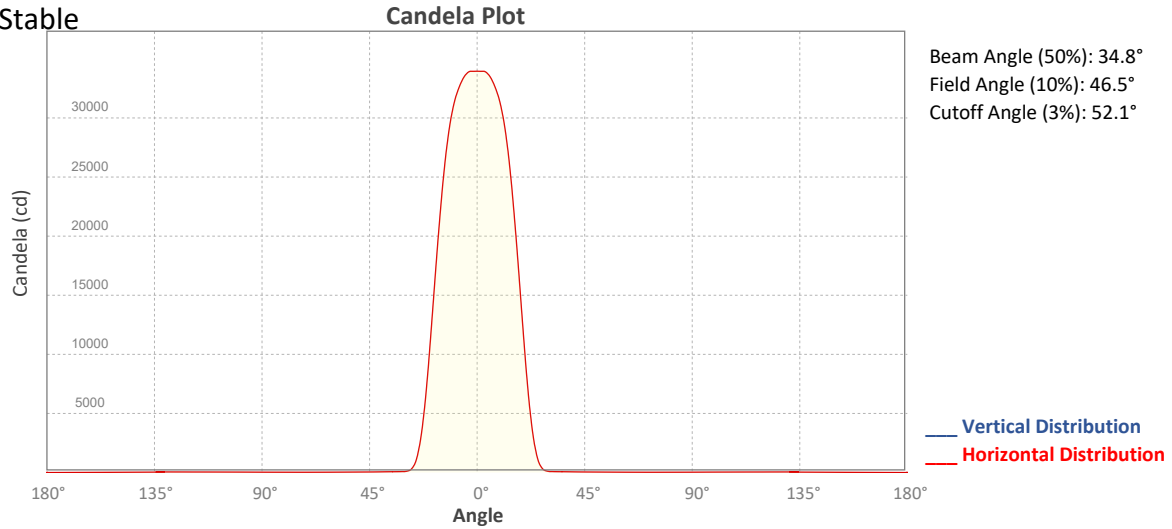


### Beam Illuminances from 1-20m (3.3-65.6ft)

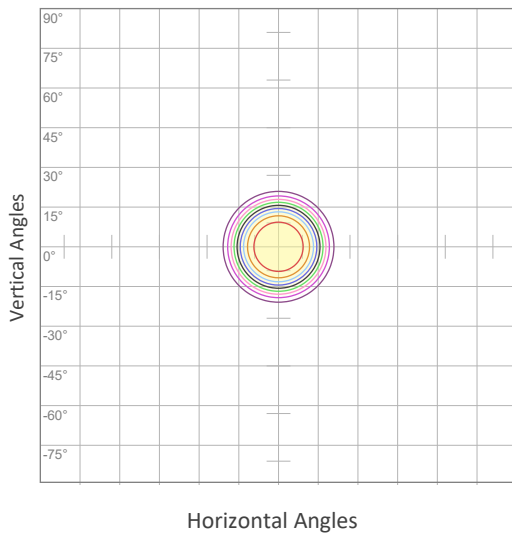
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33942	8486	3771	2121	1358	943	693	530	419	339
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	281	236	201	173	151	133	117	105	94	85
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3153	788	350	197	126	88	64	49	39	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration On - Fan set to ECO - Stable



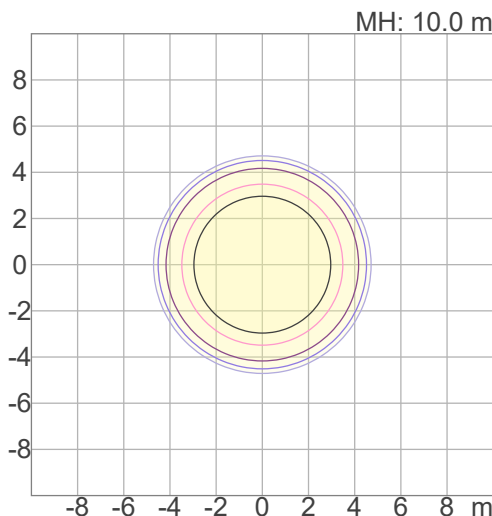
## Polar Diagrams



### iso-candela Diagram

10%	3394 cd
20%	6788 cd
30%	10183 cd
40%	13577 cd
50%	16971 cd
60%	20365 cd
70%	23760 cd
80%	27154 cd
90%	30548 cd

**Conditions:**  
Number of c-planes: 2  
Candela at center: 33942 cd



### iso-illuminance Diagram

3%	10.2 lx
5%	17.0 lx
10%	33.9 lx
30%	102 lx
50%	170 lx

**Conditions:**  
Number of c-planes: 2  
Lux at center: 339 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to ECO

## Report Summary

### Output

Total Lumens: 12271 lm  
Peak Intensity: 39954 cd  
Illuminance @ 5m: 1598 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 34.5°  
Vertical Beam Angle (50%): 34.5°  
Horizontal Field Angle (10%): 46.1°  
Vertical Field Angle (10%): 46.1°  
Horizontal Cutoff Angle (3%): 51.7°  
Vertical Cutoff Angle (3%): 51.7°

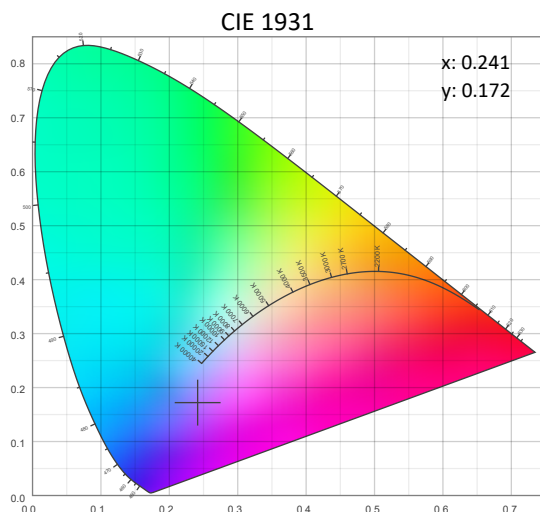
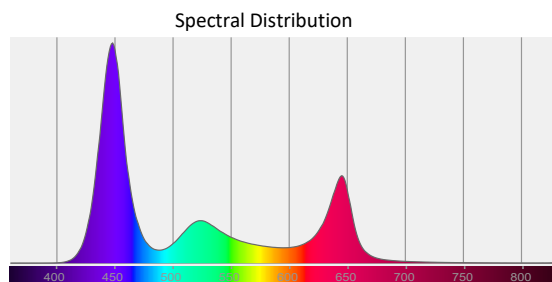
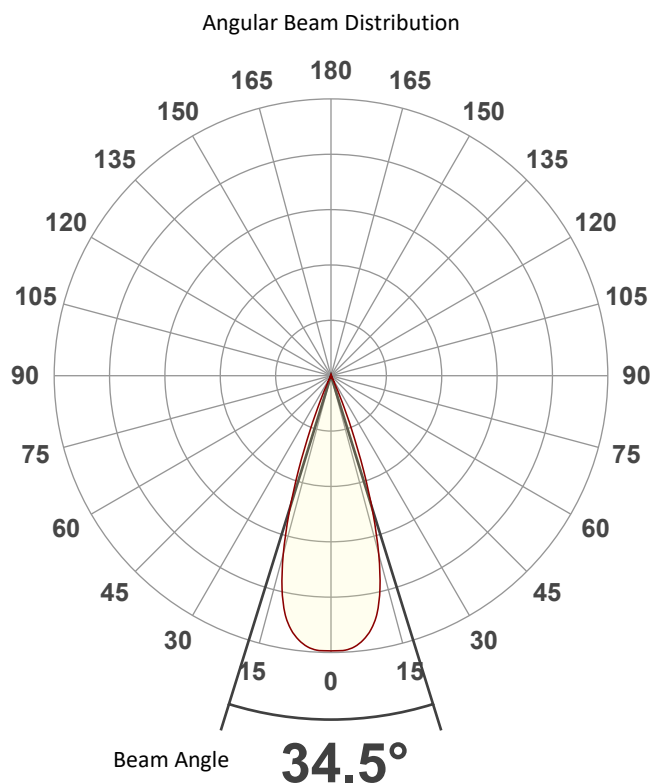


### Conditions

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

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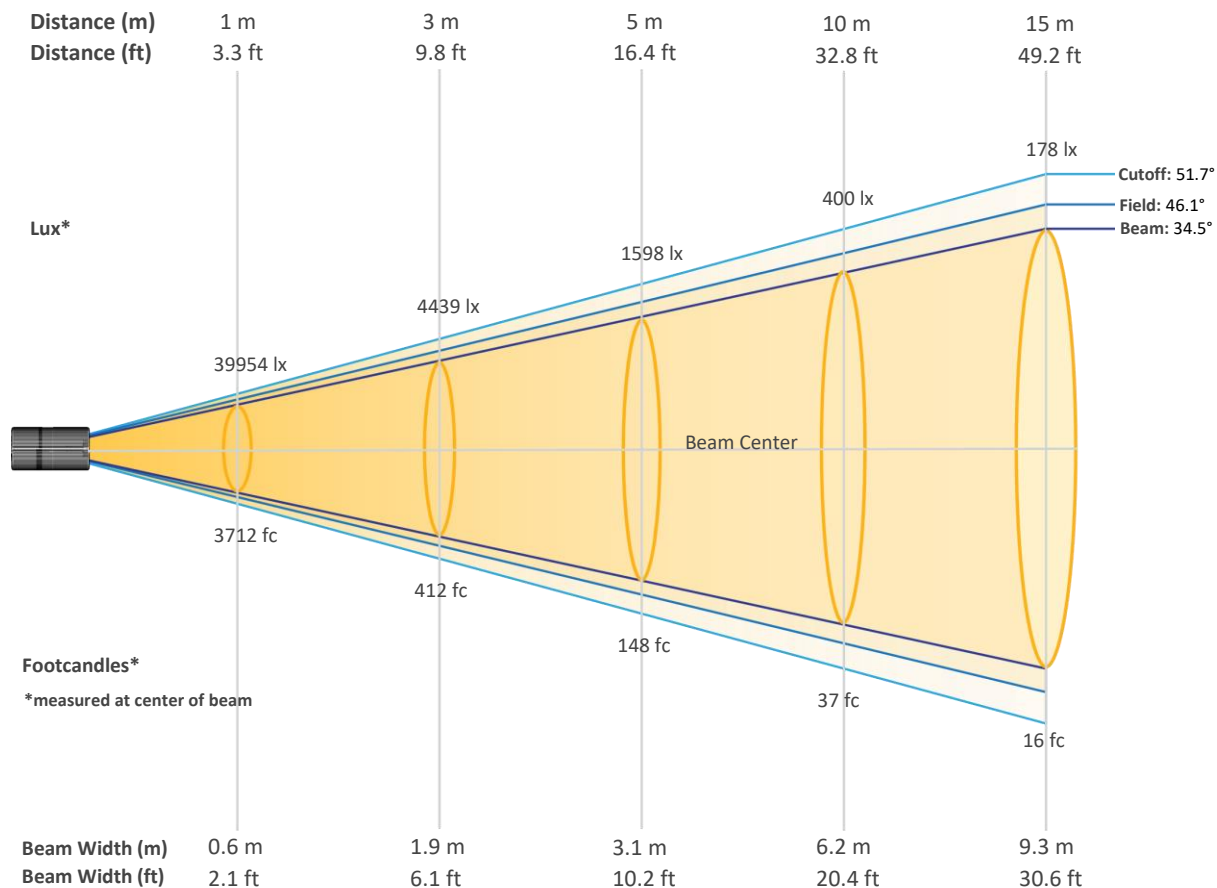
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to ECO

## Beam Details

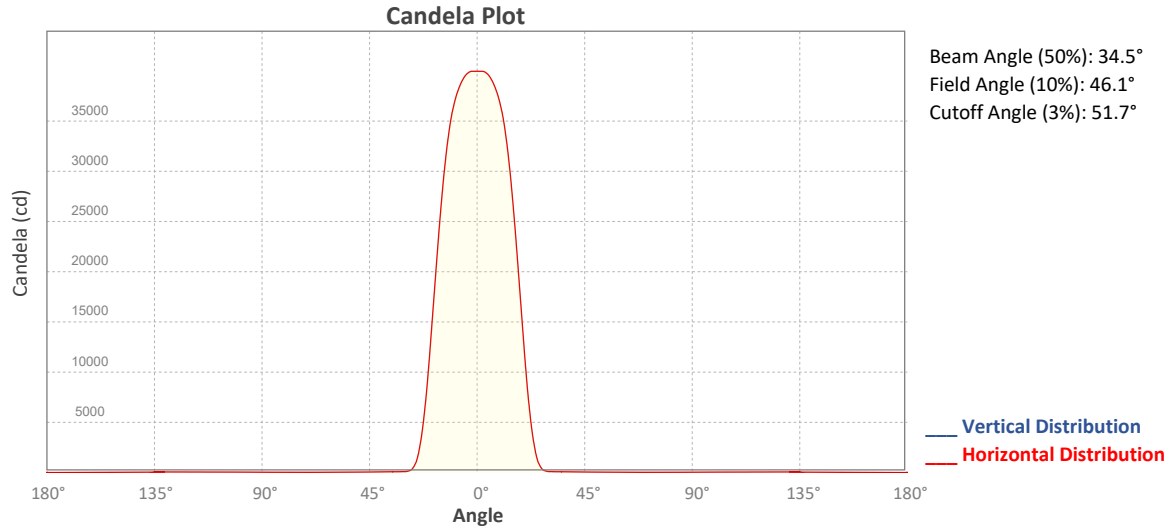


### Beam Illuminances from 1-20m (3.3-65.6ft)

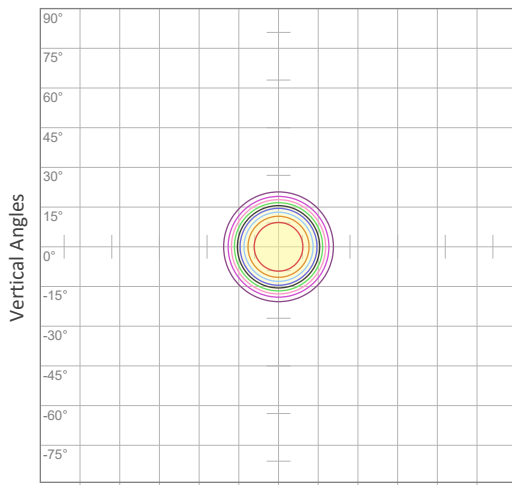
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39954	9988	4439	2497	1598	1110	815	624	493	400
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	330	277	236	204	178	156	138	123	111	100
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3712	928	412	232	148	103	76	58	46	37
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	16	14	13	11	10	9

# Photometric Report

Maverick Storm 2 BeamWash: Full Flood - Full Power - Calibration Off - Fan set to ECO



## Polar Diagrams

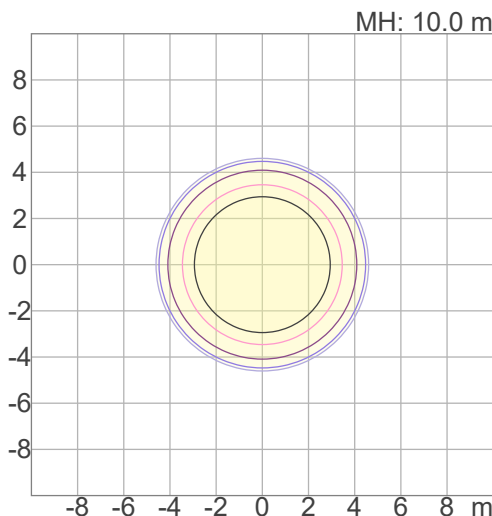


**iso-candela Diagram**

10%	3995 cd
20%	7991 cd
30%	11986 cd
40%	15981 cd
50%	19977 cd
60%	23972 cd
70%	27968 cd
80%	31963 cd
90%	35958 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 39954 cd

Horizontal Angles



**iso-illuminance Diagram**

3%	12.0 lx
5%	20.0 lx
10%	40.0 lx
30%	120 lx
50%	200 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 400 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Report Summary

### Output

Total Lumens: 5774 lm  
Peak Intensity: 1007067 cd  
Illuminance @ 5m: 40283 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.7°  
Vertical Beam Angle (50%): 3.7°  
Horizontal Field Angle (10%): 6.4°  
Vertical Field Angle (10%): 6.4°  
Horizontal Cutoff Angle (3%): 7.5°  
Vertical Cutoff Angle (3%): 7.5°

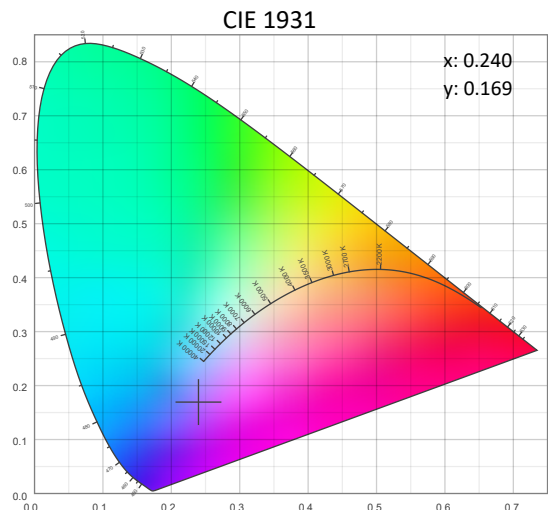
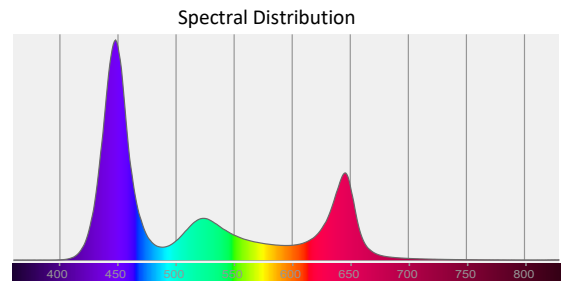
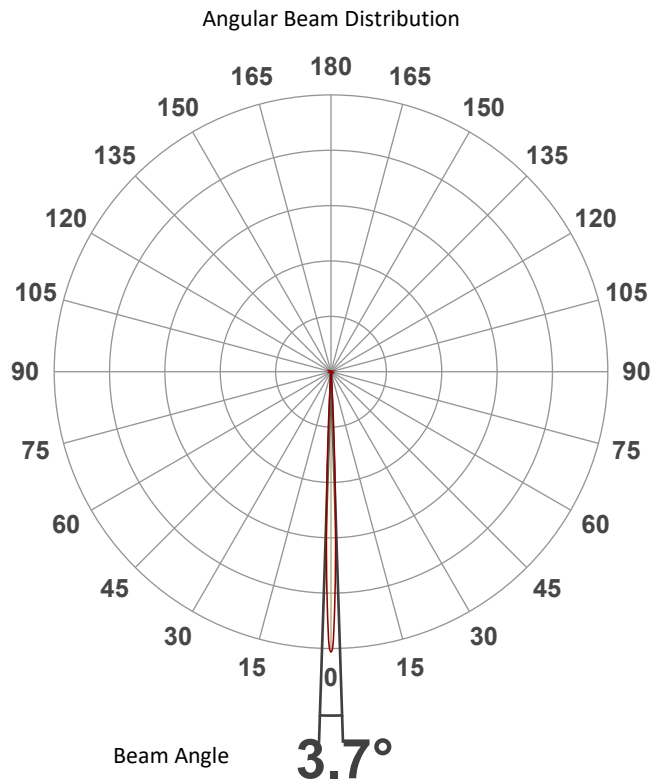


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

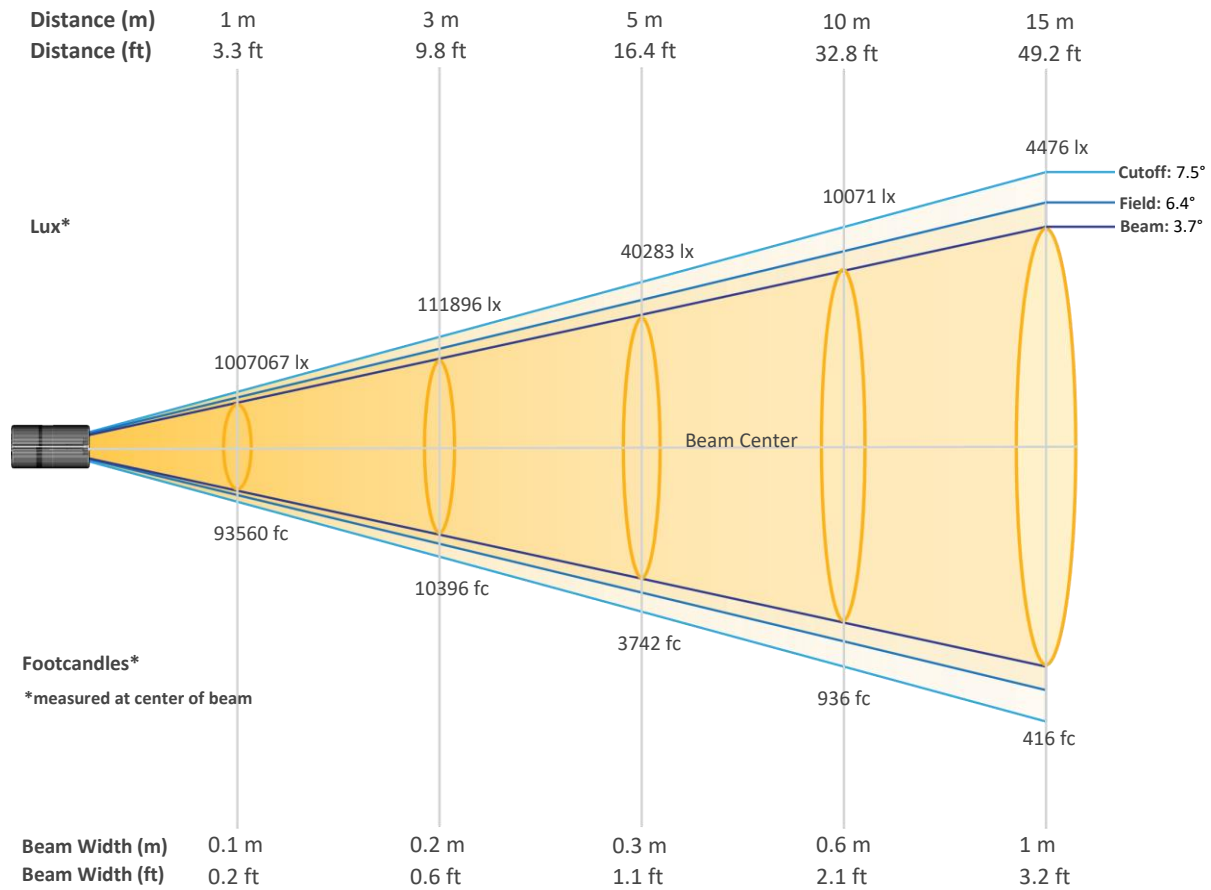
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Beam Details

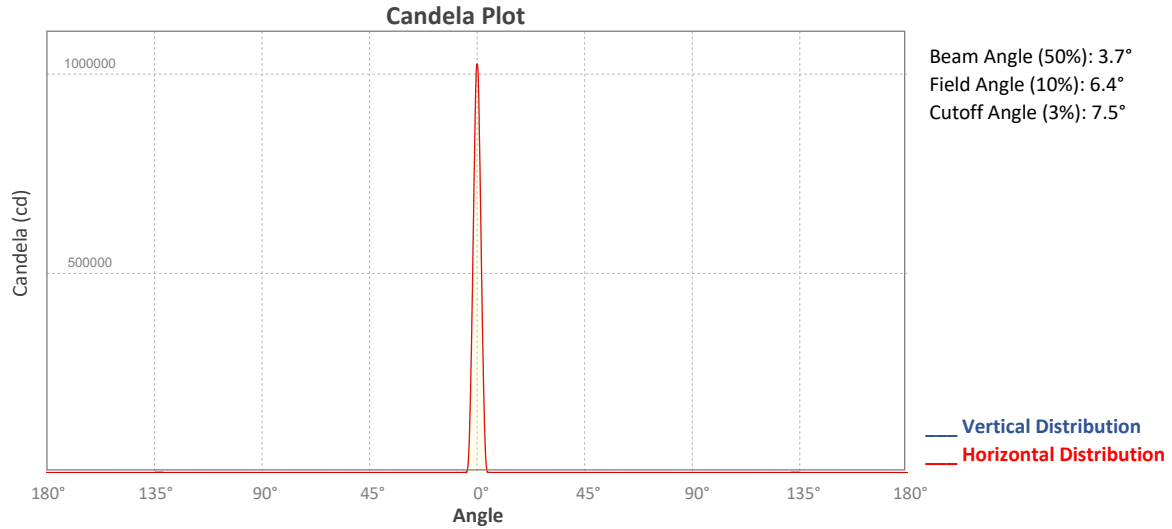


### Beam Illuminances from 1-20m (3.3-65.6ft)

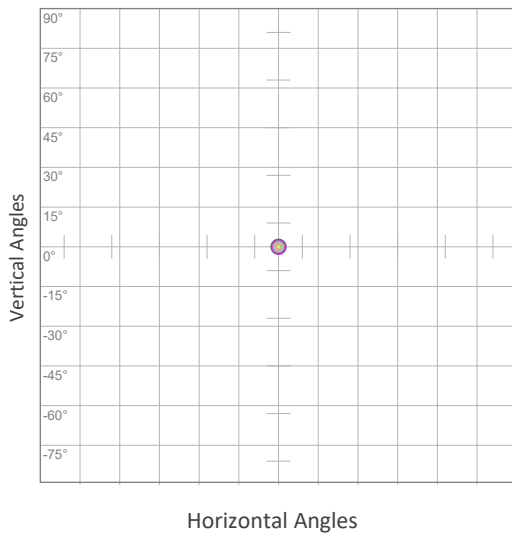
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1007067	251767	111896	62942	40283	27974	20552	15735	12433	10071
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	8323	6994	5959	5138	4476	3934	3485	3108	2790	2518
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	93560	23390	10396	5847	3742	2599	1909	1462	1155	936
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	773	650	554	477	416	365	324	289	259	234

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO



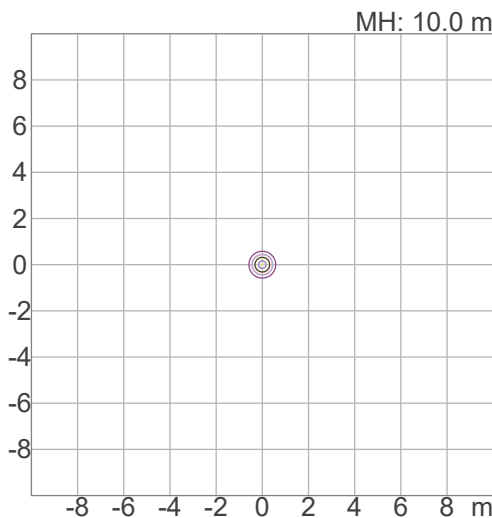
## Polar Diagrams



### iso-candela Diagram

—	10%	100707 cd
—	20%	201413 cd
—	30%	302120 cd
—	40%	402827 cd
—	50%	503534 cd
—	60%	604240 cd
—	70%	704947 cd
—	80%	805654 cd
—	90%	906360 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1007067 cd



### iso-illuminance Diagram

—	3%	302 lx
—	5%	504 lx
—	10%	1007 lx
—	30%	3021 lx
—	50%	5035 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 10.1K lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Report Summary

### Output

Total Lumens: 5774 lm

Peak Intensity: 1007067 cd

Illuminance @ 5m: 40283 lux

Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.7°

Vertical Beam Angle (50%): 3.7°

Horizontal Field Angle (10%): 6.4°

Vertical Field Angle (10%): 6.4°

Horizontal Cutoff Angle (3%): 7.5°

Vertical Cutoff Angle (3%): 7.5°



### Conditions

AC Supply: 118 V, 60 Hz

Power: n/a W

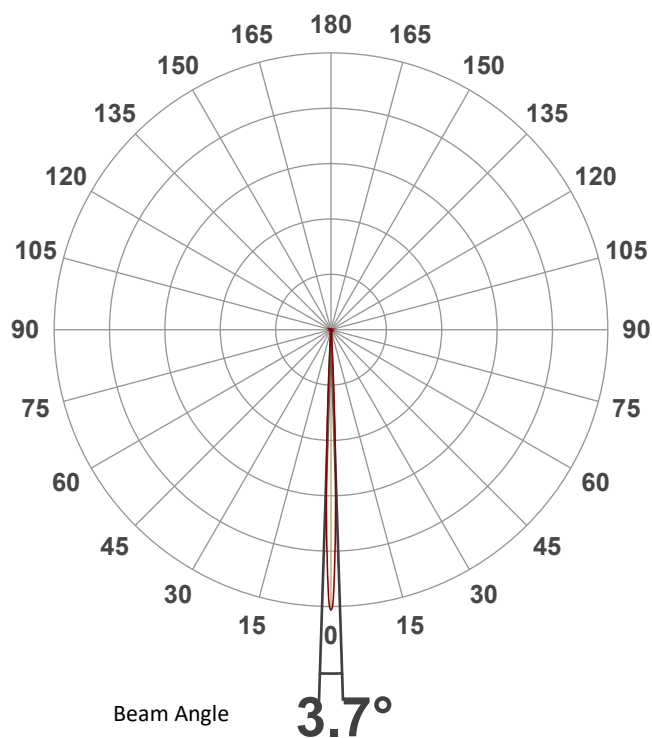
Current: 0.000 A

Power Factor: n/a

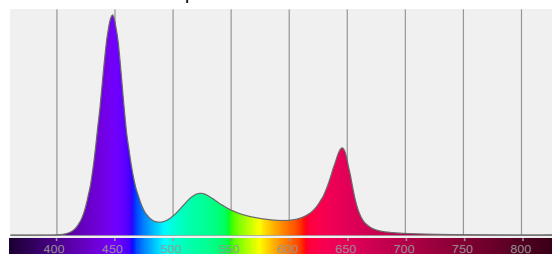
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement

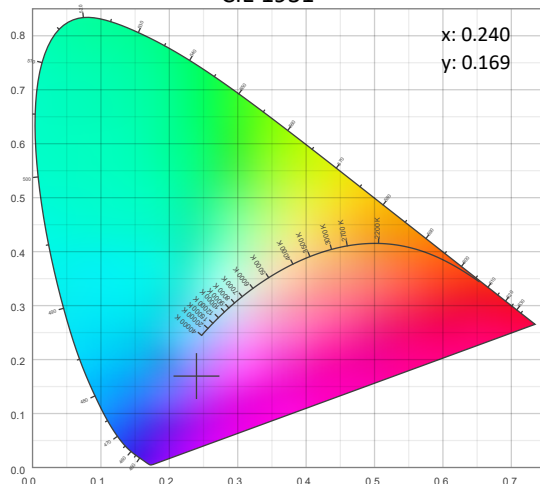
Angular Beam Distribution



Spectral Distribution



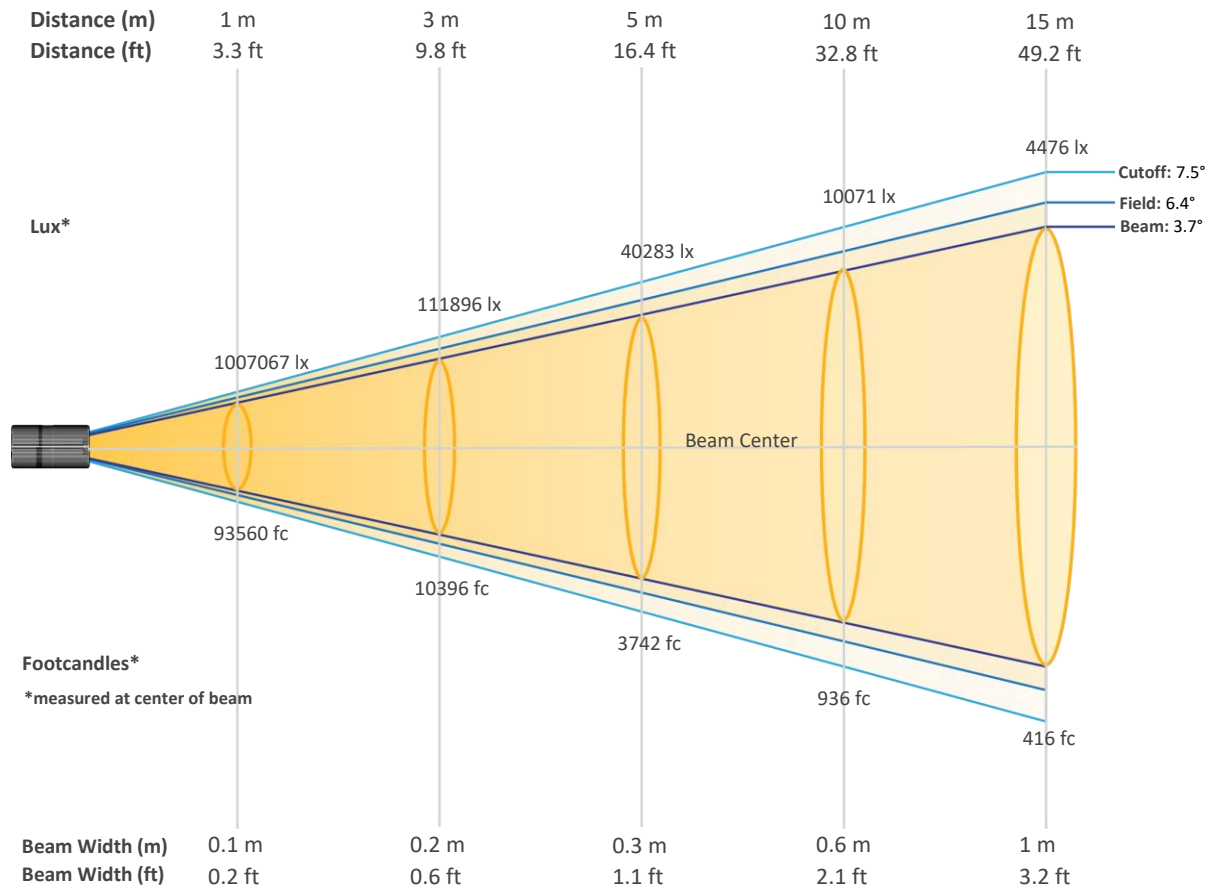
CIE 1931



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Beam Details



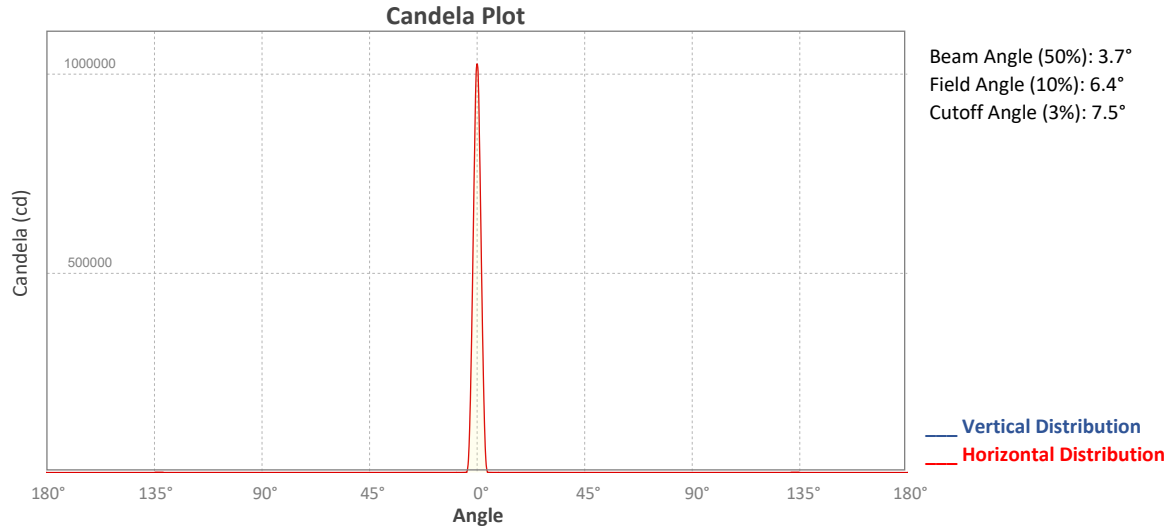
### Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1007067	251767	111896	62942	40283	27974	20552	15735	12433	10071
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	8323	6994	5959	5138	4476	3934	3485	3108	2790	2518
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	93560	23390	10396	5847	3742	2599	1909	1462	1155	936
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	773	650	554	477	416	365	324	289	259	234

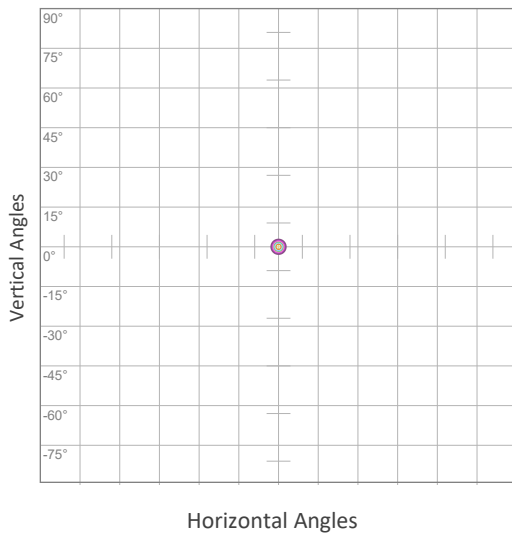


# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO



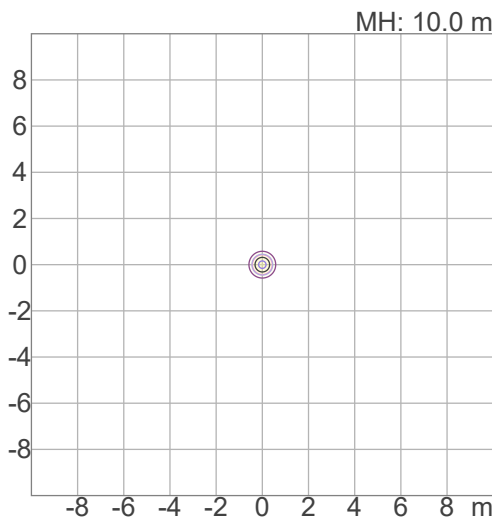
## Polar Diagrams



### iso-candela Diagram

—	10%	100707 cd
—	20%	201413 cd
—	30%	302120 cd
—	40%	402827 cd
—	50%	503534 cd
—	60%	604240 cd
—	70%	704947 cd
—	80%	805654 cd
—	90%	906360 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1007067 cd



### iso-illuminance Diagram

—	3%	302 lx
—	5%	504 lx
—	10%	1007 lx
—	30%	3021 lx
—	50%	5035 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 10.1K lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set

## Report Summary

### Output

Total Lumens: 4362 lm

Peak Intensity: 899879 cd

Illuminance @ 5m: 35995 lux

Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.7°

Vertical Beam Angle (50%): 3.7°

Horizontal Field Angle (10%): 6.4°

Vertical Field Angle (10%): 6.4°

Horizontal Cutoff Angle (3%): 7.5°

Vertical Cutoff Angle (3%): 7.5°



### Conditions

AC Supply: 119 V, 60 Hz

Power: n/a W

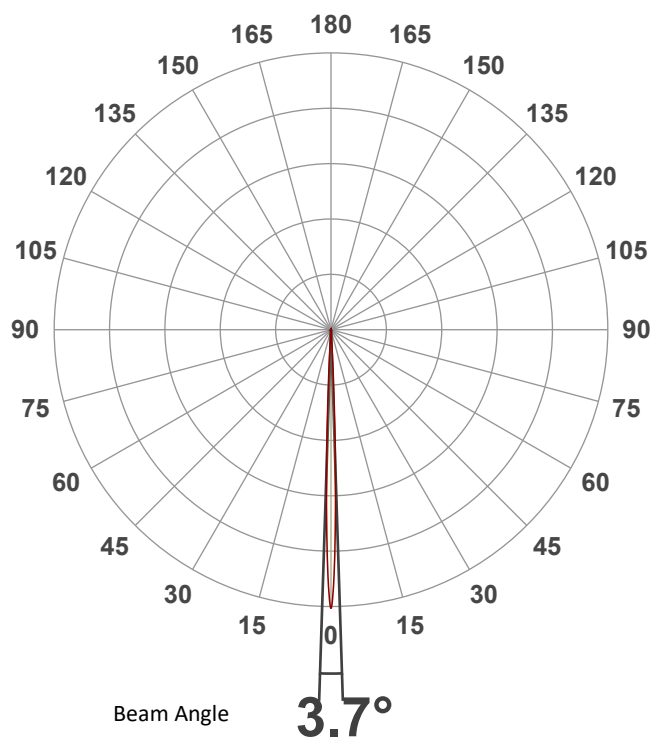
Current: 0.000 A

Power Factor: n/a

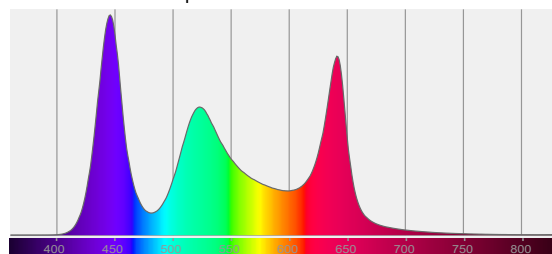
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement

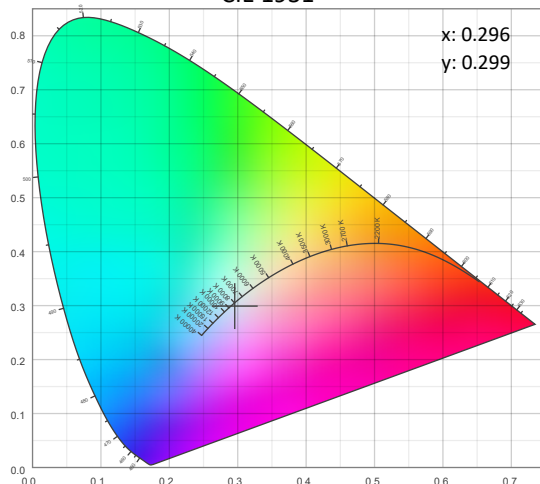
Angular Beam Distribution



Spectral Distribution



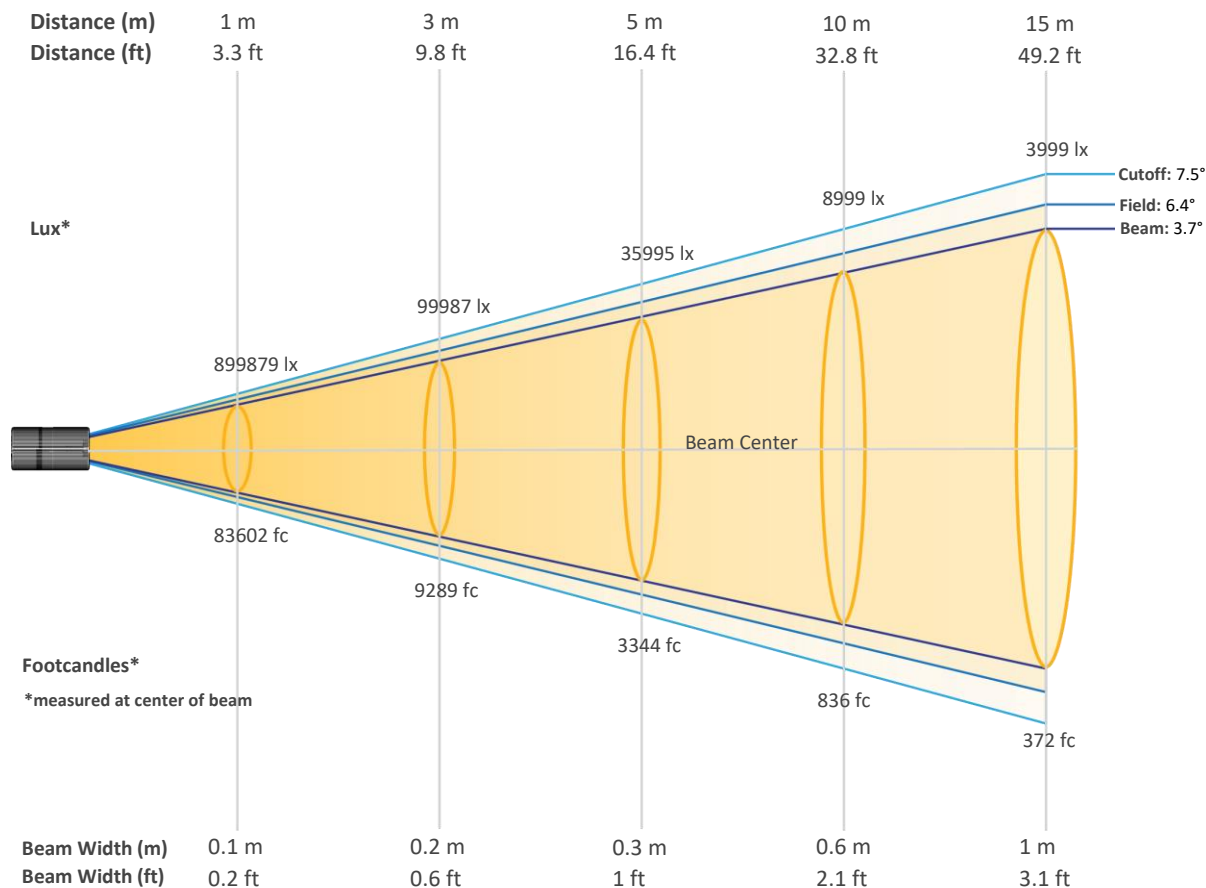
CIE 1931



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to Auto

## Beam Details

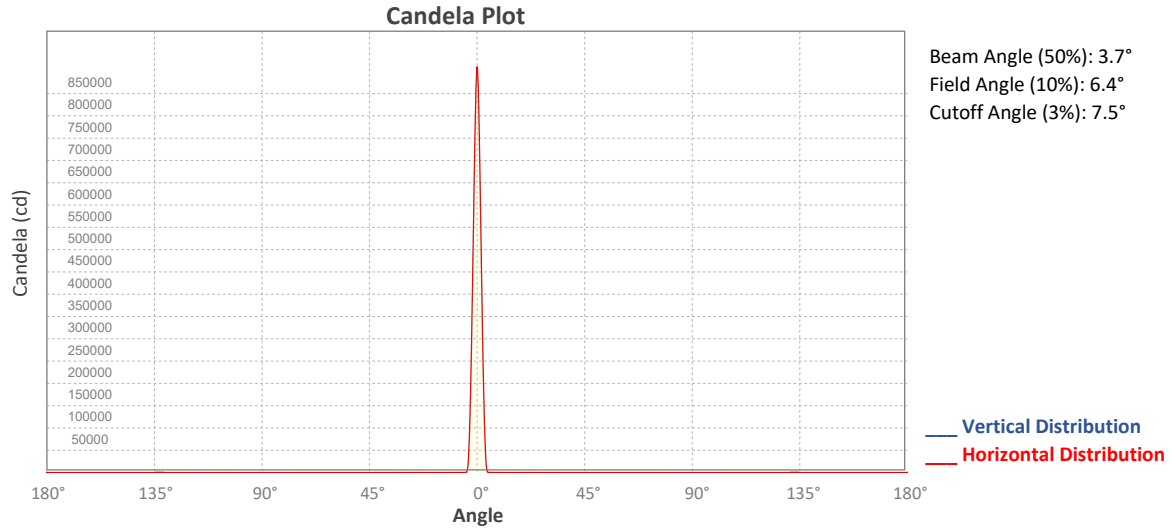


### Beam Illuminances from 1-20m (3.3-65.6ft)

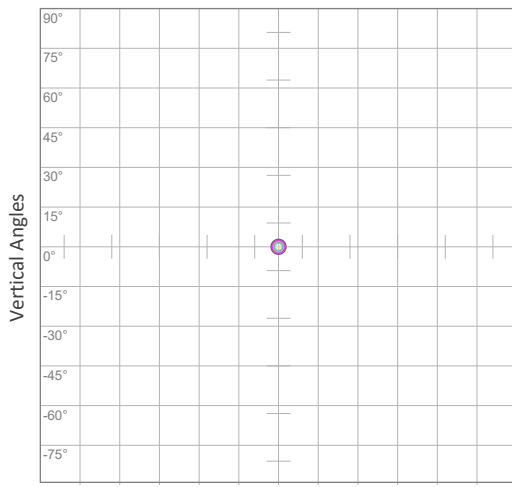
<b>Distance</b>	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
<b>Lux</b>	899879	224970	99987	56242	35995	24997	18365	14061	11110	8999
<b>Distance</b>	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
<b>Lux</b>	7437	6249	5325	4591	3999	3515	3114	2777	2493	2250
<b>Distance</b>	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
<b>FC</b>	83602	20900	9289	5225	3344	2322	1706	1306	1032	836
<b>Distance</b>	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
<b>FC</b>	691	581	495	427	372	327	289	258	232	209

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to Auto



## Polar Diagrams

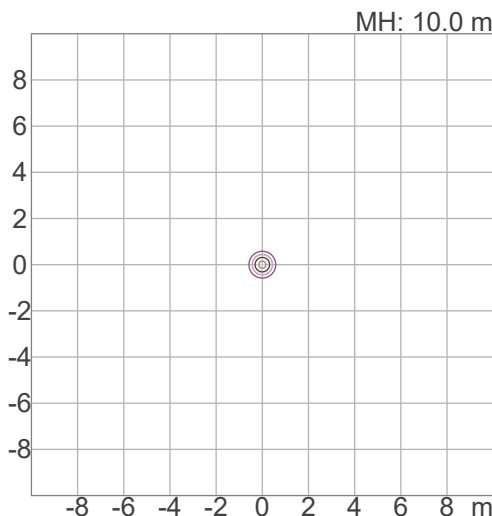


**iso-candela Diagram**

—	10%	89988 cd
—	20%	179976 cd
—	30%	269964 cd
—	40%	359952 cd
—	50%	449940 cd
—	60%	539928 cd
—	70%	629915 cd
—	80%	719903 cd
—	90%	809891 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 899879 cd

Horizontal Angles



**iso-illuminance Diagram**

—	3%	270 lx
—	5%	450 lx
—	10%	900 lx
—	30%	2700 lx
—	50%	4499 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 8999 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to Auto

## Report Summary

### Output

Total Lumens: 5928 lm

Peak Intensity: 978611 cd

Illuminance @ 5m: 39144 lux

Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.8°

Vertical Beam Angle (50%): 3.8°

Horizontal Field Angle (10%): 6.6°

Vertical Field Angle (10%): 6.6°

Horizontal Cutoff Angle (3%): 8.1°

Vertical Cutoff Angle (3%): 8.1°



### Conditions

AC Supply: 118 V, 60 Hz

Power: n/a W

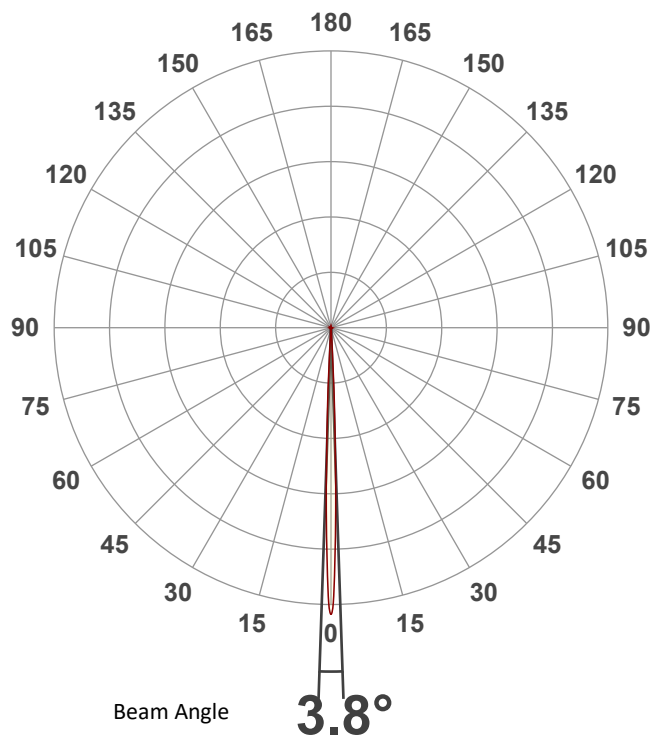
Current: 0.000 A

Power Factor: n/a

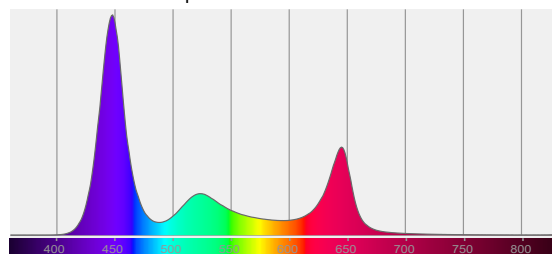
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement

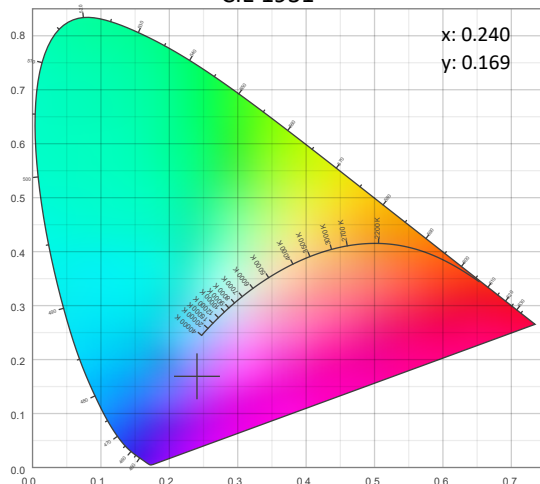
Angular Beam Distribution



Spectral Distribution



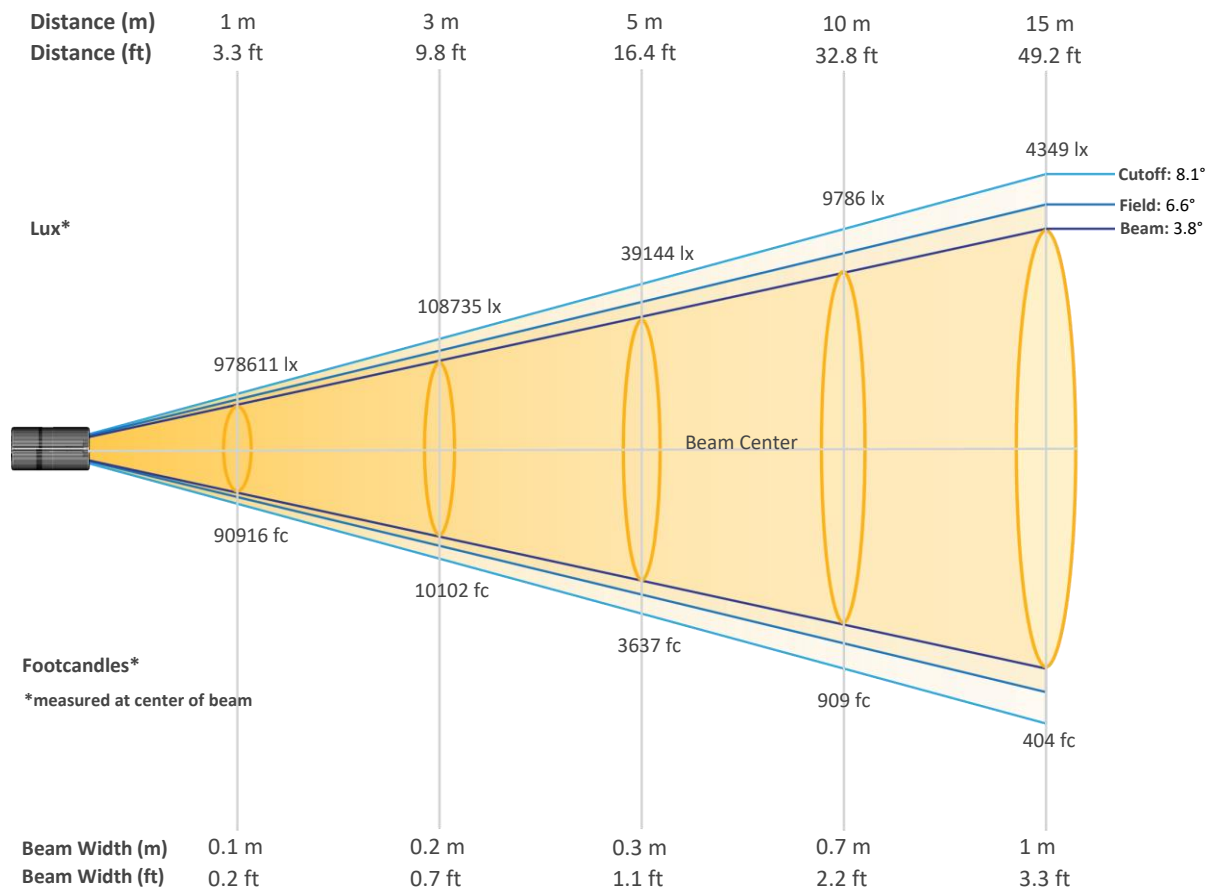
CIE 1931



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to Auto

## Beam Details

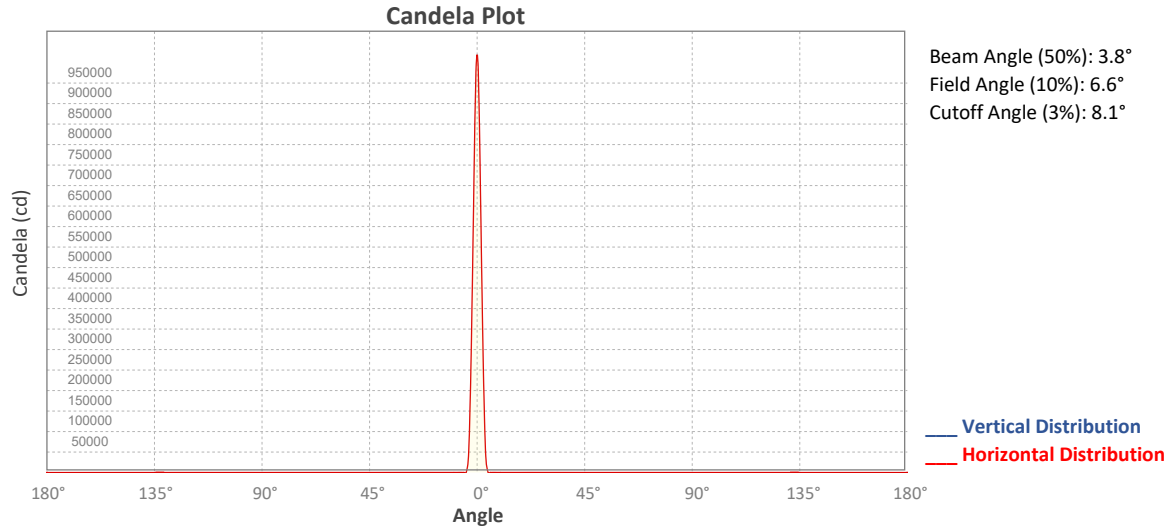


### Beam Illuminances from 1-20m (3.3-65.6ft)

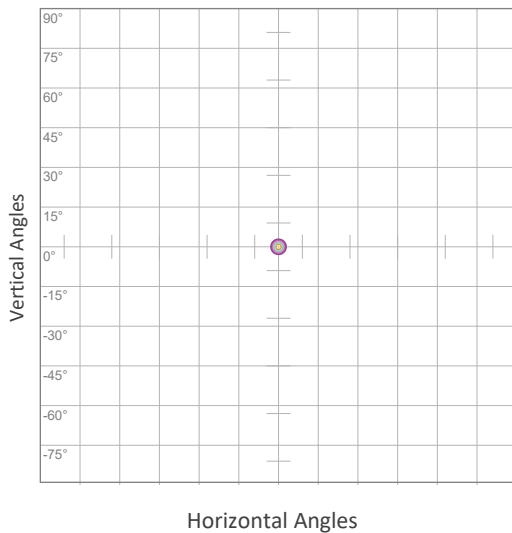
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	978611	244653	108735	61163	39144	27184	19972	15291	12082	9786
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	8088	6796	5791	4993	4349	3823	3386	3020	2711	2447
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	90916	22729	10102	5682	3637	2525	1855	1421	1122	909
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	751	631	538	464	404	355	315	281	252	227

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to Auto



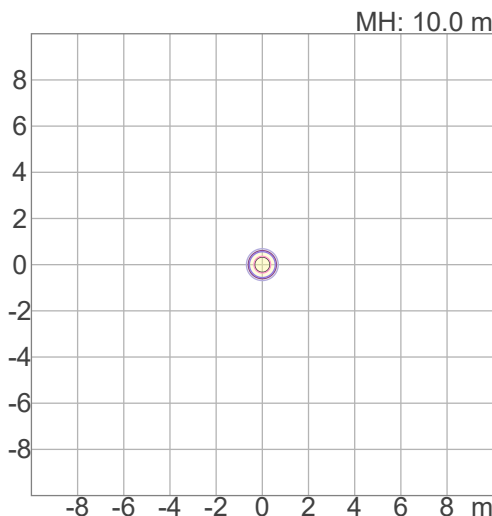
## Polar Diagrams



**iso-candela Diagram**

	10%	97861 cd
	20%	195722 cd
	30%	293583 cd
	40%	391445 cd
	50%	489306 cd
	60%	587167 cd
	70%	685028 cd
	80%	782889 cd
	90%	880750 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 978611 cd



**iso-illuminance Diagram**

	3%	294 lx
	5%	489 lx
	10%	979 lx
	30%	2936 lx
	50%	4893 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 9786 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO

## Report Summary

### Output

Total Lumens: 4566 lm  
Peak Intensity: 872379 cd  
Illuminance @ 5m: 34895 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.7°  
Vertical Beam Angle (50%): 3.7°  
Horizontal Field Angle (10%): 6.4°  
Vertical Field Angle (10%): 6.4°  
Horizontal Cutoff Angle (3%): 7.6°  
Vertical Cutoff Angle (3%): 7.6°



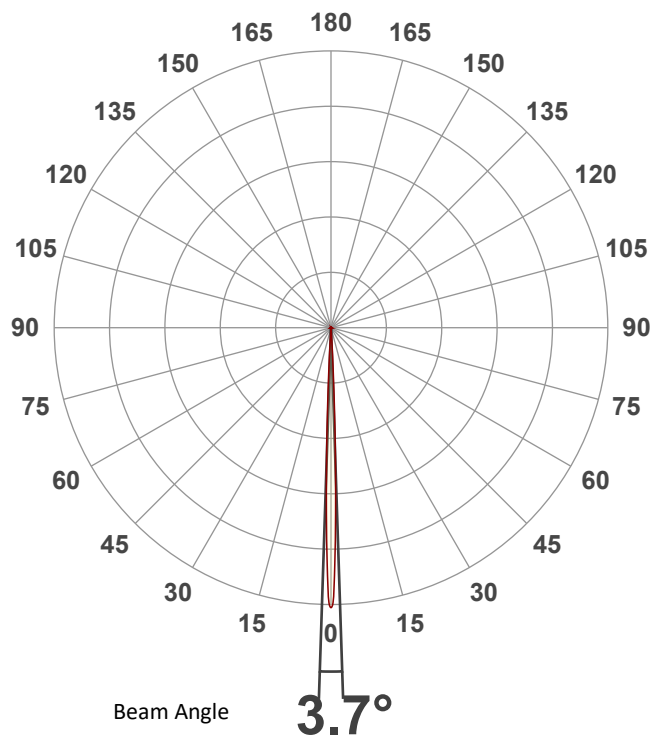
### Conditions

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

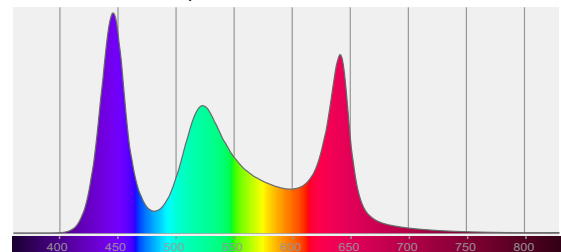
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## Overall Measurement

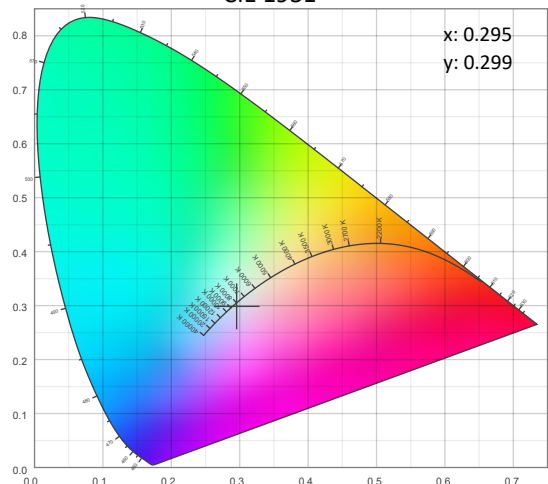
Angular Beam Distribution



Spectral Distribution



CIE 1931

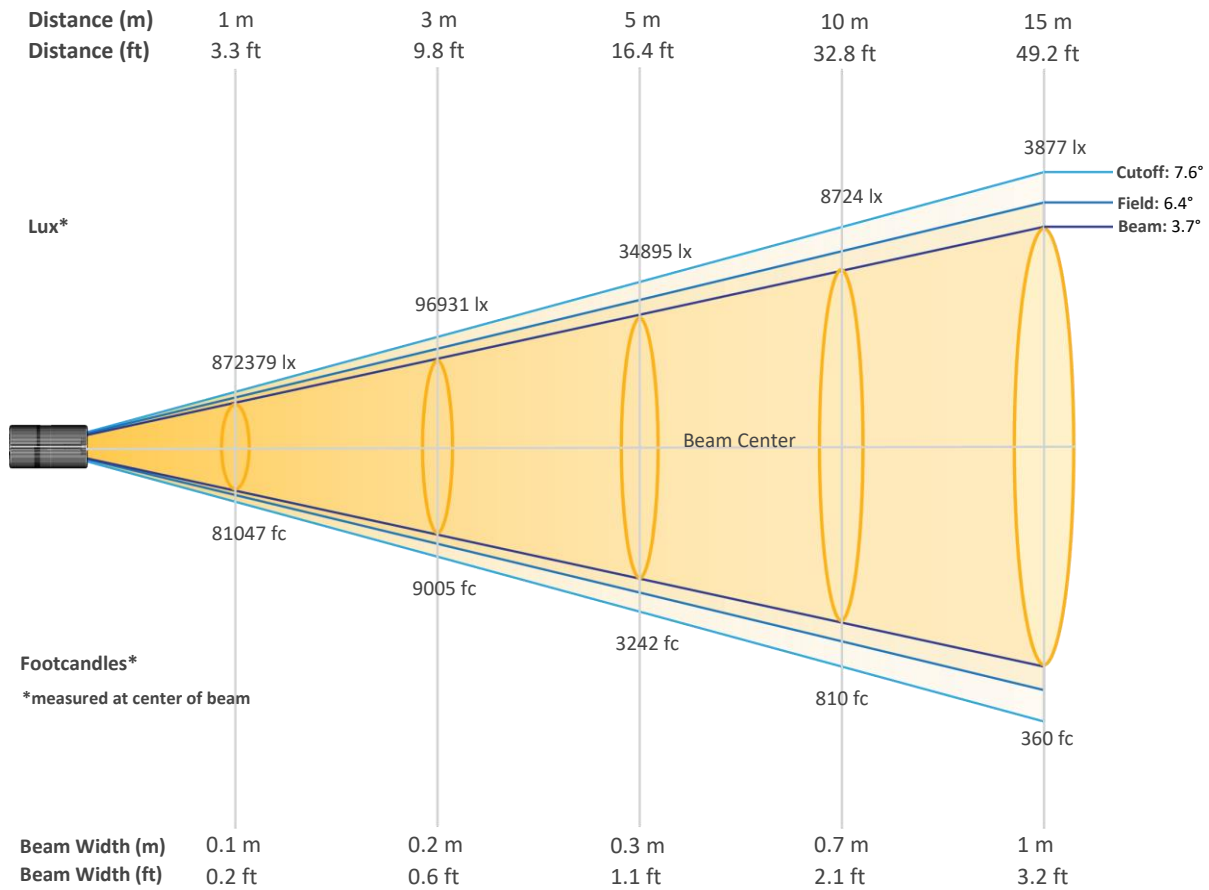




# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO

## Beam Details

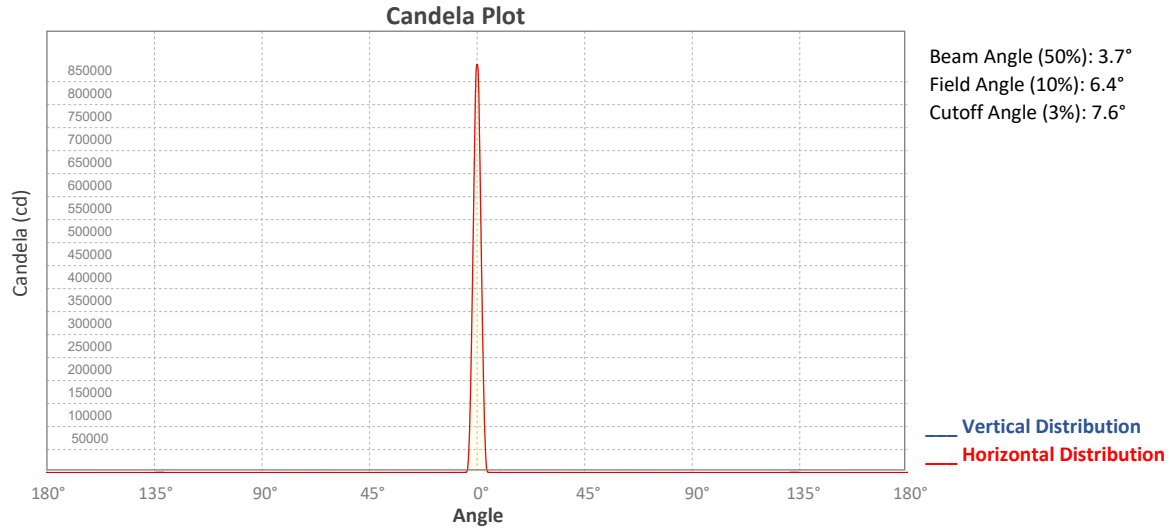


### Beam Illuminances from 1-20m (3.3-65.6ft)

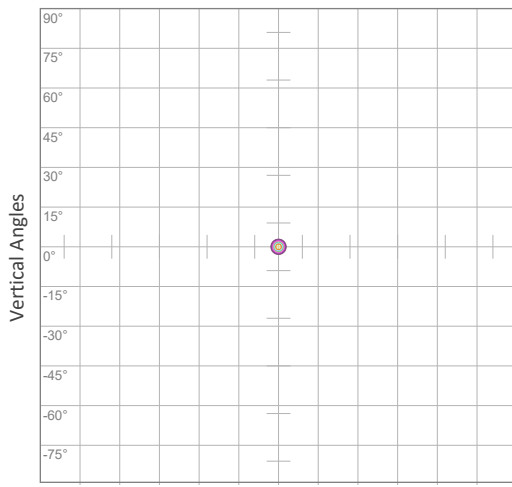
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	872379	218095	96931	54524	34895	24233	17804	13631	10770	8724
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7210	6058	5162	4451	3877	3408	3019	2693	2417	2181
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	81047	20262	9005	5065	3242	2251	1654	1266	1001	810
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	280	250	225	203

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO



## Polar Diagrams

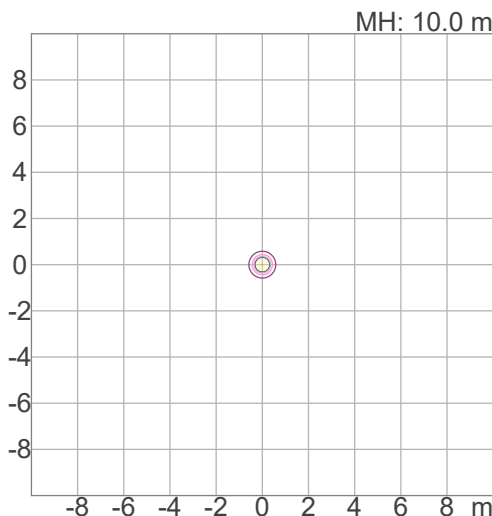


**iso-candela Diagram**

10%	87238 cd
20%	174476 cd
30%	261714 cd
40%	348952 cd
50%	436189 cd
60%	523427 cd
70%	610665 cd
80%	697903 cd
90%	785141 cd

**Conditions:**  
Number of c-planes: 2  
Candela at center: 872379 cd

Horizontal Angles



**iso-illuminance Diagram**

3%	262 lx
5%	436 lx
10%	872 lx
30%	2617 lx
50%	4362 lx

**Conditions:**  
Number of c-planes: 2  
Lux at center: 8724 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO - Stable

## Report Summary

### Output

Total Lumens: 4194 lm  
Peak Intensity: 826117 cd  
Illuminance @ 5m: 33045 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.8°  
Vertical Beam Angle (50%): 3.8°  
Horizontal Field Angle (10%): 6.5°  
Vertical Field Angle (10%): 6.5°  
Horizontal Cutoff Angle (3%): 7.6°  
Vertical Cutoff Angle (3%): 7.6°



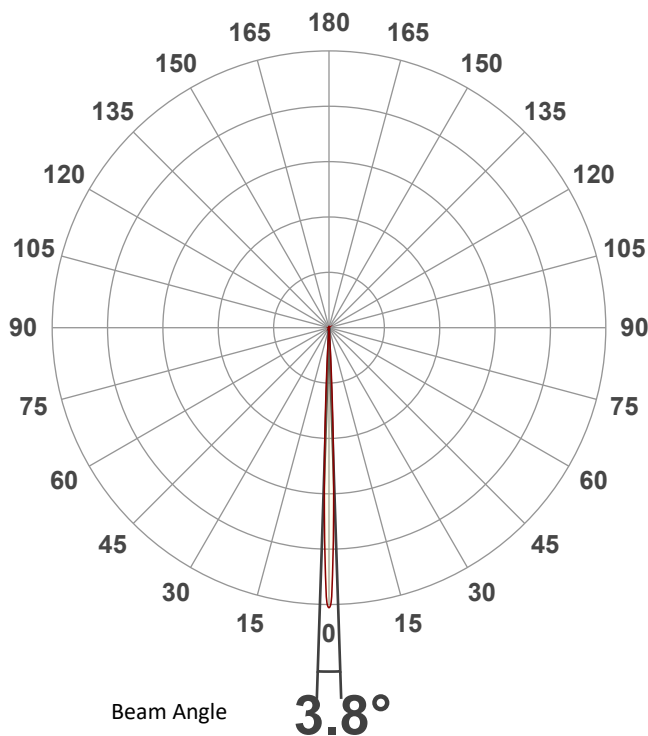
### Conditions

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

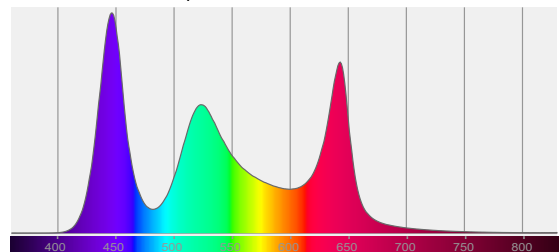
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## Overall Measurement

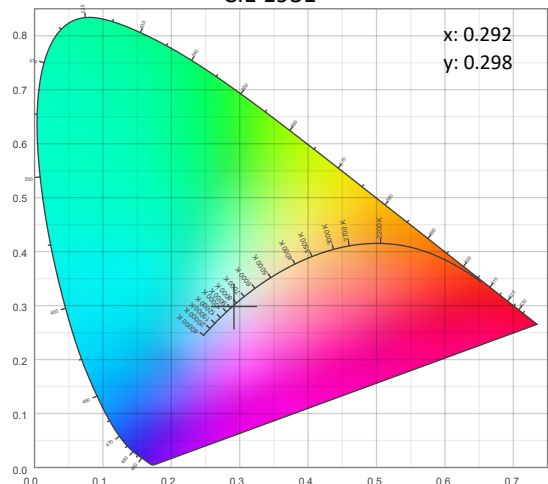
Angular Beam Distribution



Spectral Distribution



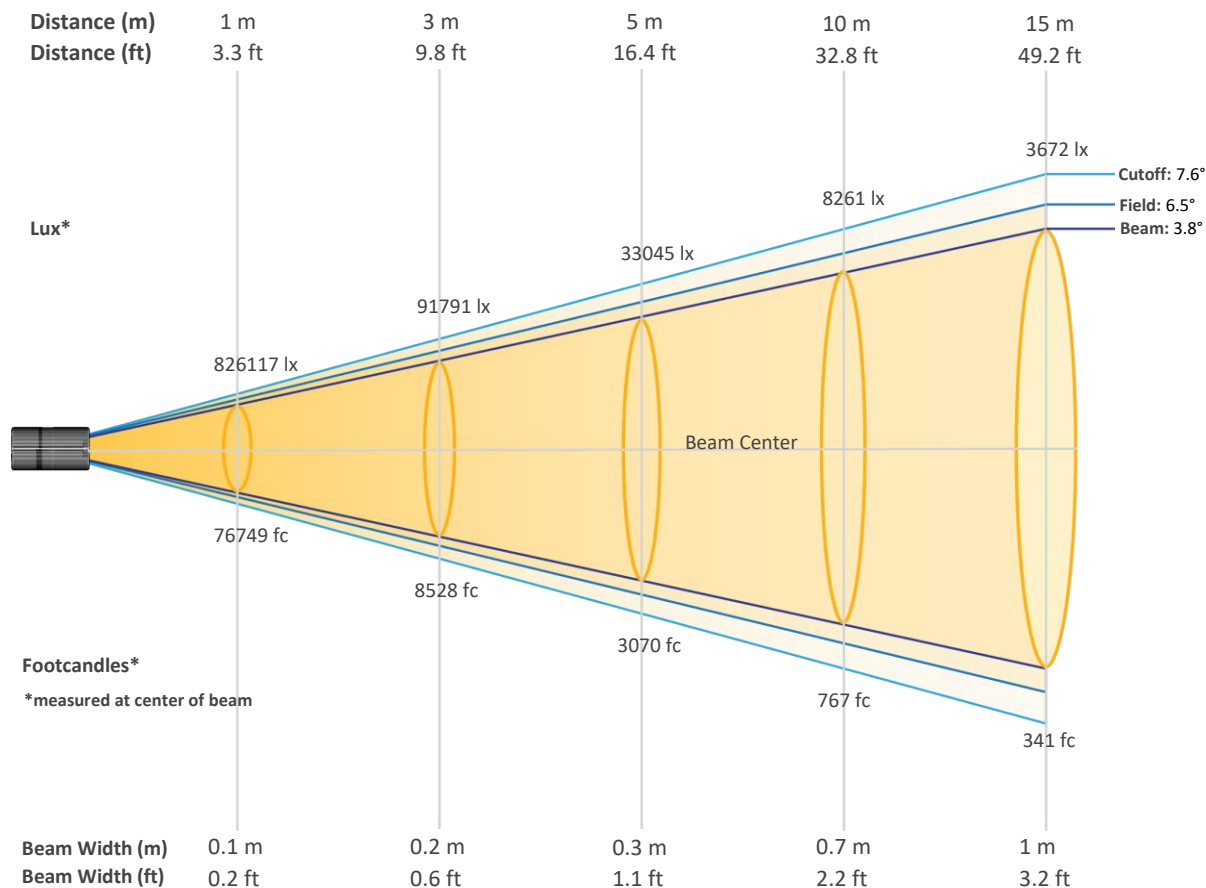
CIE 1931



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO - Stable

## Beam Details

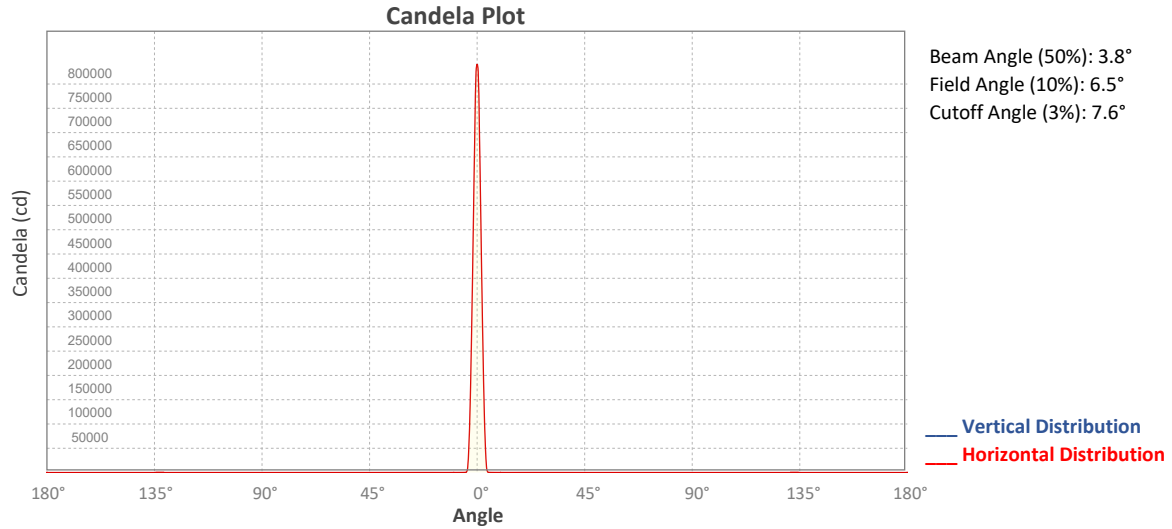


### Beam Illuminances from 1-20m (3.3-65.6ft)

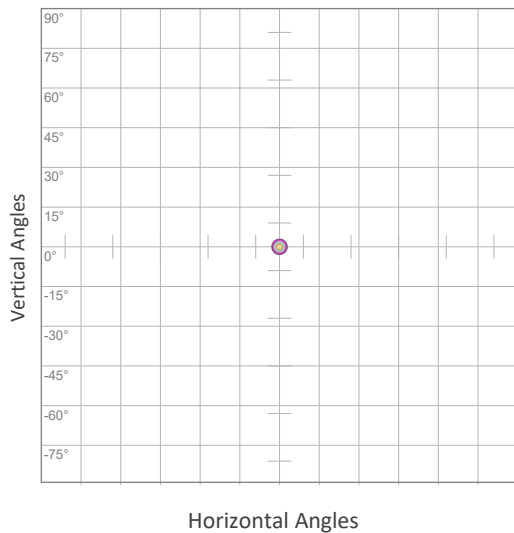
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	826117	206529	91791	51632	33045	22948	16860	12908	10199	8261
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	6827	5737	4888	4215	3672	3227	2859	2550	2288	2065
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	76749	19187	8528	4797	3070	2132	1566	1199	948	767
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	634	533	454	392	341	300	266	237	213	192

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration On - Fan set to ECO - Stable



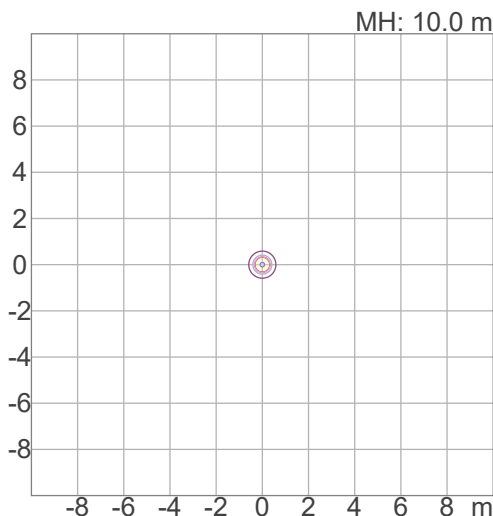
## Polar Diagrams



**iso-candela Diagram**

10%	82612 cd
20%	165223 cd
30%	247835 cd
40%	330447 cd
50%	413058 cd
60%	495670 cd
70%	578282 cd
80%	660894 cd
90%	743505 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 826117 cd



**iso-illuminance Diagram**

3%	248 lx
5%	413 lx
10%	826 lx
30%	2478 lx
50%	4131 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 8261 lx

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

Mounting height: 10 meters / 33 feet



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Report Summary

### Output

Total Lumens: 5774 lm  
Peak Intensity: 1007067 cd  
Illuminance @ 5m: 40283 lux  
Fixture Efficacy: n/a lm/W

### Optical

Horizontal Beam Angle (50%): 3.7°  
Vertical Beam Angle (50%): 3.7°  
Horizontal Field Angle (10%): 6.4°  
Vertical Field Angle (10%): 6.4°  
Horizontal Cutoff Angle (3%): 7.5°  
Vertical Cutoff Angle (3%): 7.5°

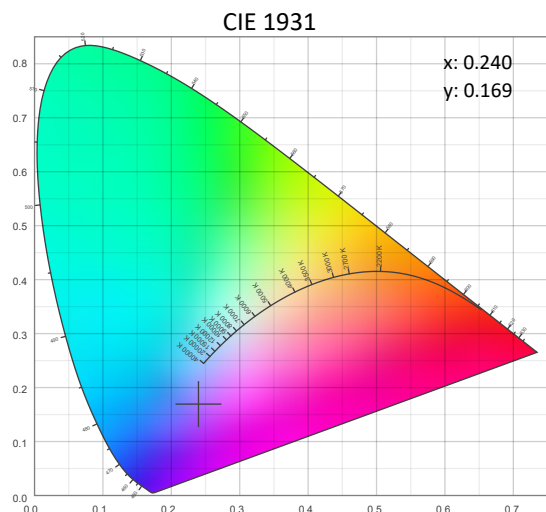
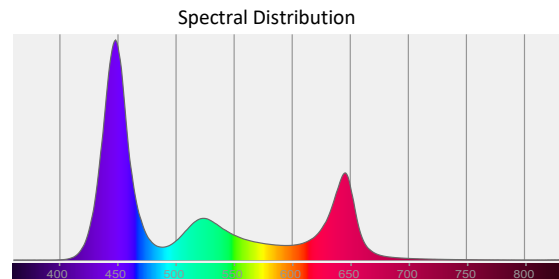
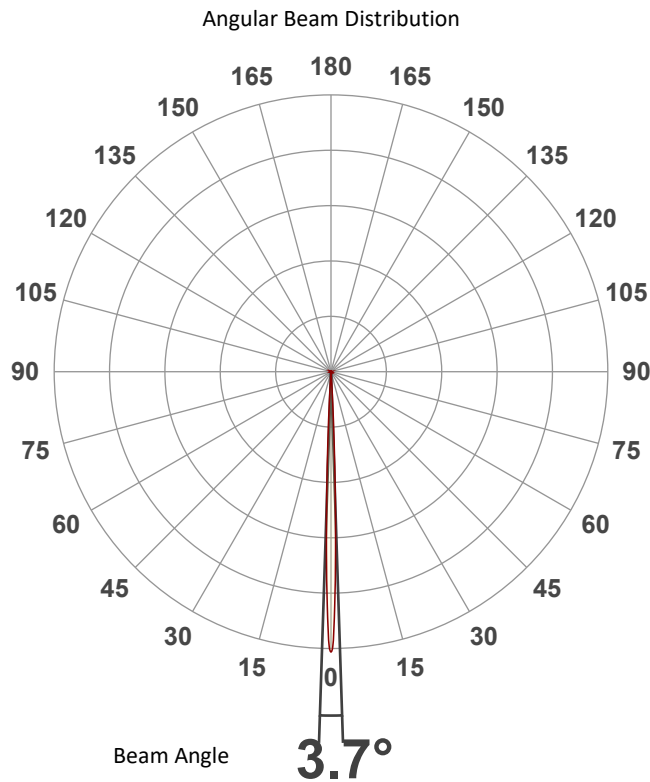


### Conditions

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

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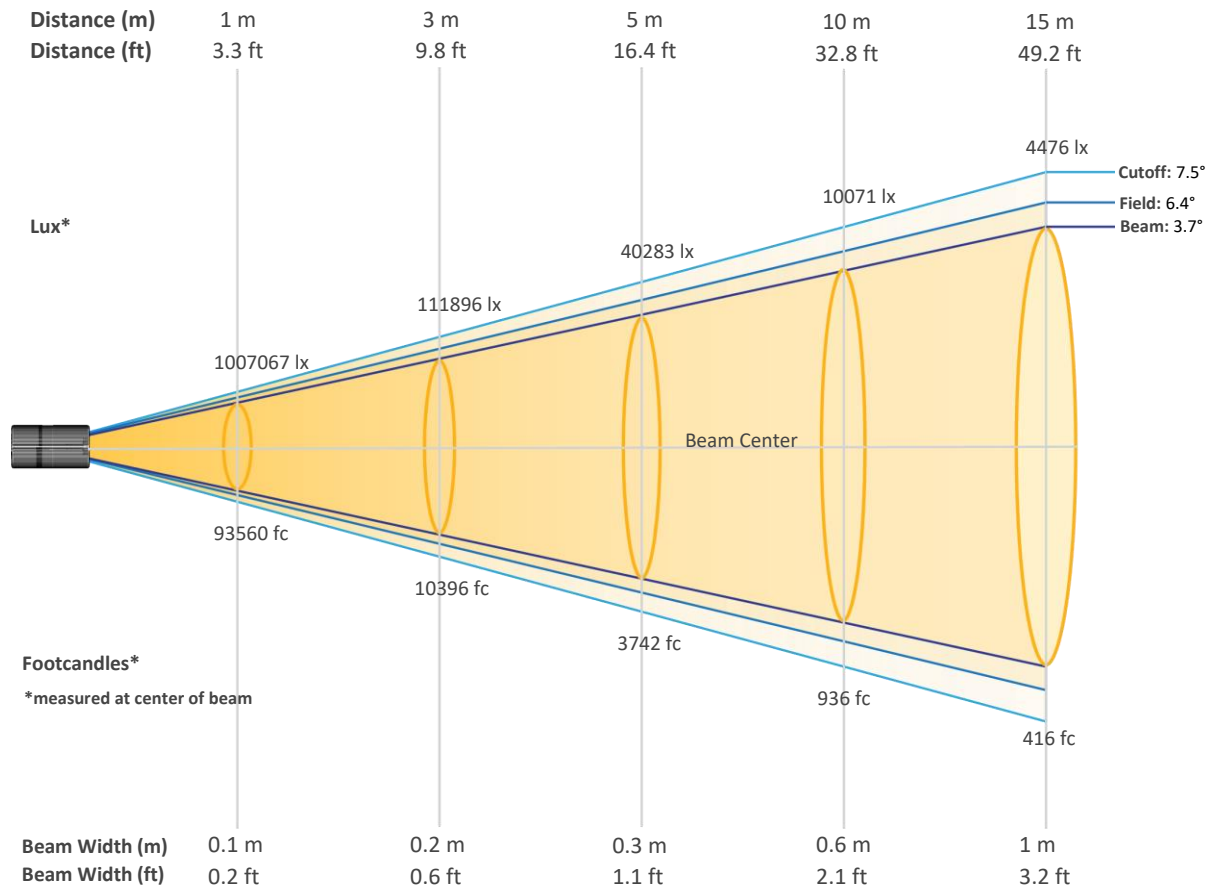
## Overall Measurement



# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO

## Beam Details

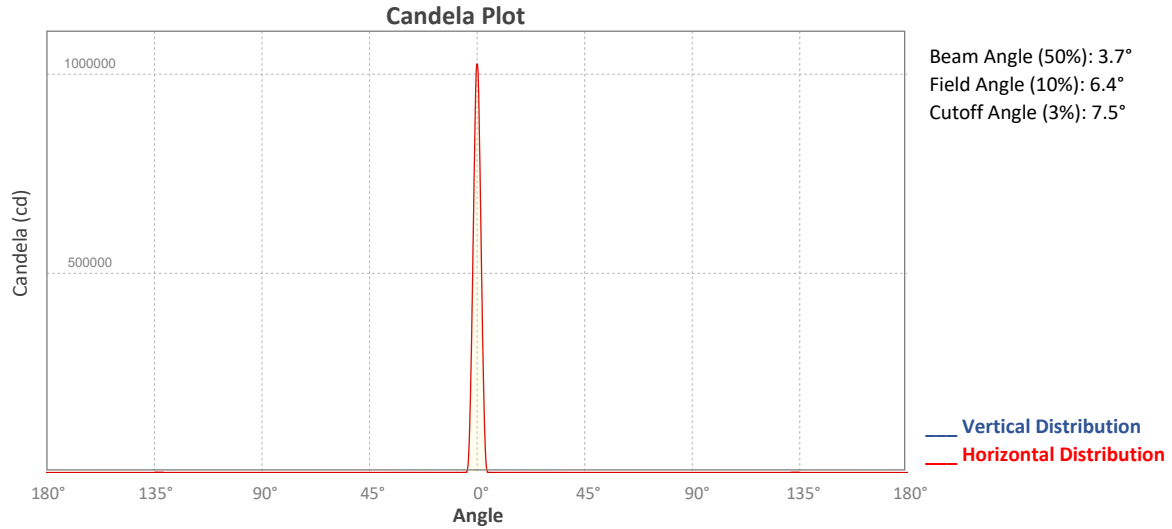


### Beam Illuminances from 1-20m (3.3-65.6ft)

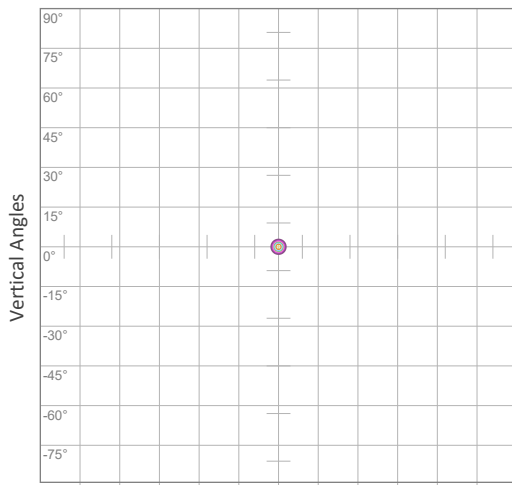
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1007067	251767	111896	62942	40283	27974	20552	15735	12433	10071
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	8323	6994	5959	5138	4476	3934	3485	3108	2790	2518
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	93560	23390	10396	5847	3742	2599	1909	1462	1155	936
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	773	650	554	477	416	365	324	289	259	234

# Photometric Report

Maverick Storm 2 BeamWash: Narrow - Full Power - Calibration Off - Fan set to ECO



## Polar Diagrams

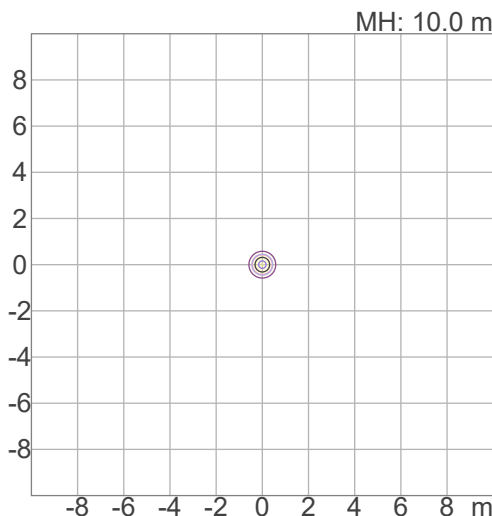


### iso-candela Diagram

10%	100707 cd
20%	201413 cd
30%	302120 cd
40%	402827 cd
50%	503534 cd
60%	604240 cd
70%	704947 cd
80%	805654 cd
90%	906360 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1007067 cd

Horizontal Angles



### iso-illuminance Diagram

3%	302 lx
5%	504 lx
10%	1007 lx
30%	3021 lx
50%	5035 lx

**Conditions:**  
 Number of c-planes: 2  
 Lux at center: 10.1K lx

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

Mounting height: 10 meters / 33 feet





# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 7749 lm  
Fixture Peak: 148352 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5934 lux  
Color Temperature: 7890 K  
CRI: 71.5      CRI R9 Value: -35.7  
CQS: 85.2  
TLCI: 65  
TM-30 Rf: 77.6  
TM-30 Rg: 116.9  
Beam Angle (50%): 13.8°  
Field Angle (10%): 18.9°  
Cutoff Angle (3%): 21.2°

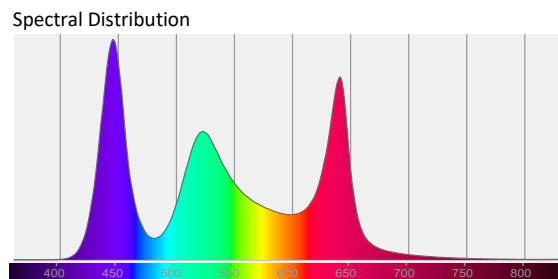
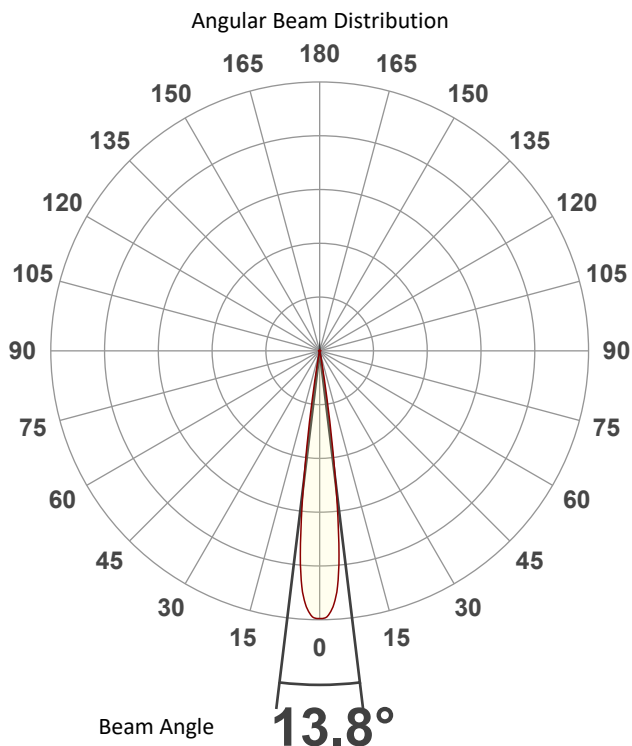


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

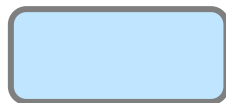
## Overall Measurement



Tested Color (CIE 1931):

X: 0.298

Y: 0.300



Light Quality

CRI: 71.5

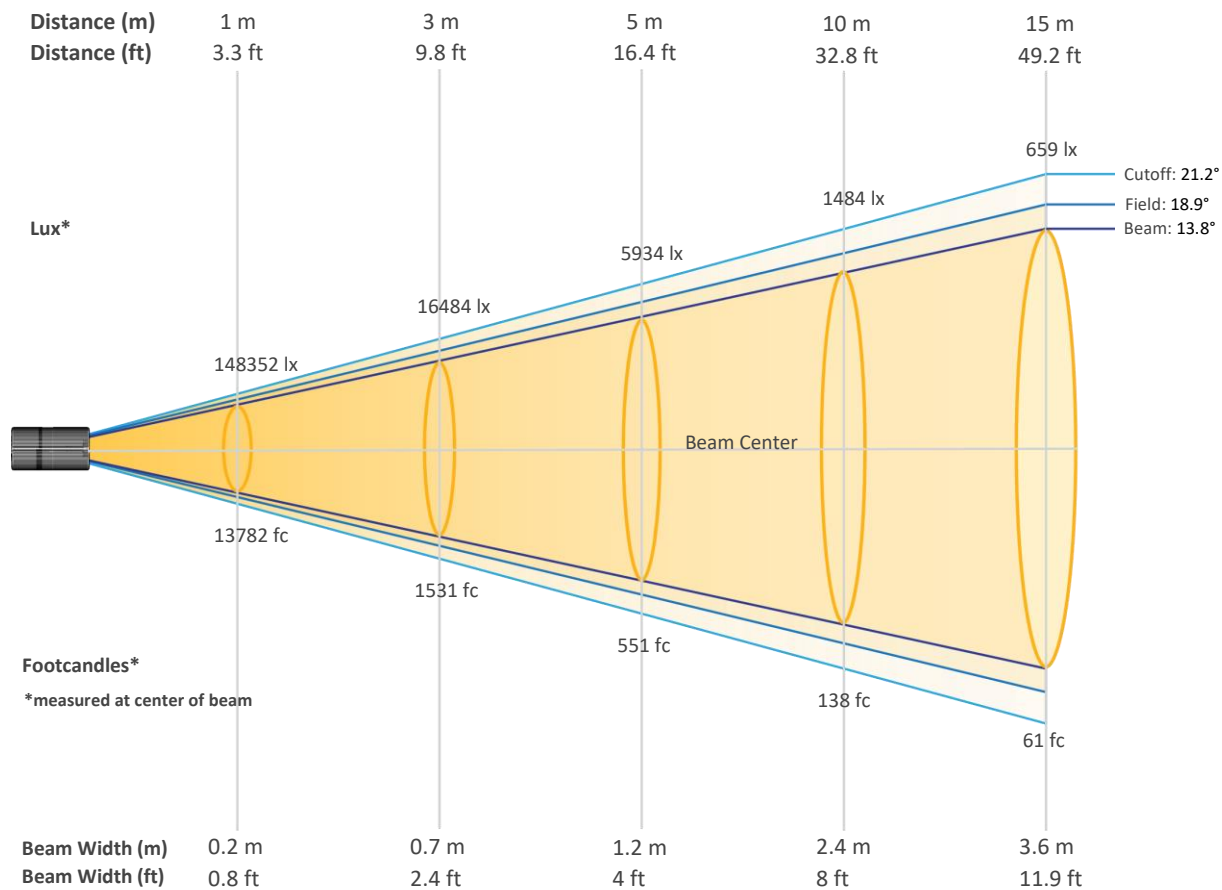
Color Temperature

7890 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Full

## Beam Details

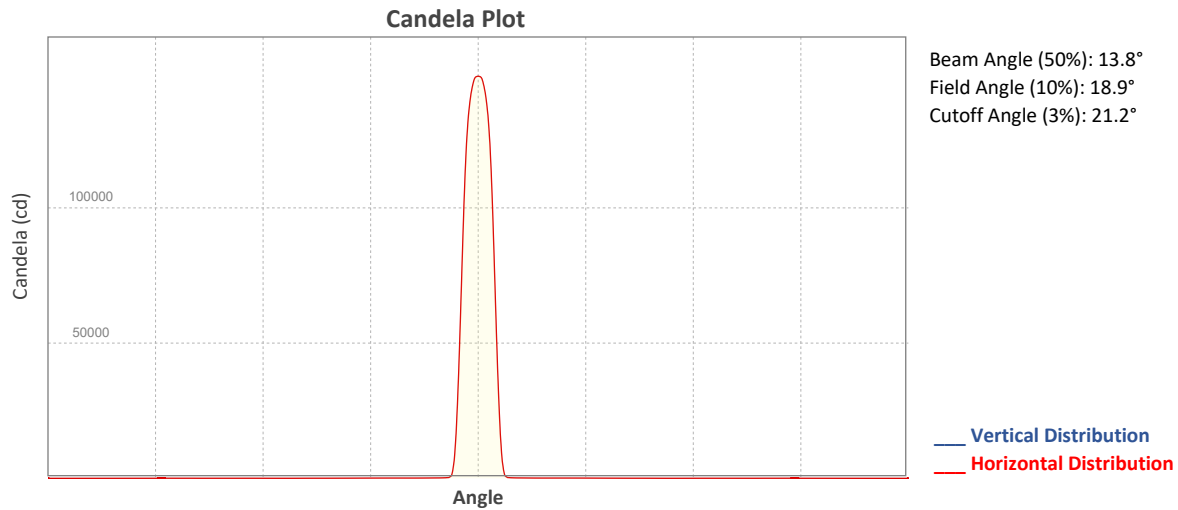


### Beam Intensities from 1-20m (3.3-65.6ft)

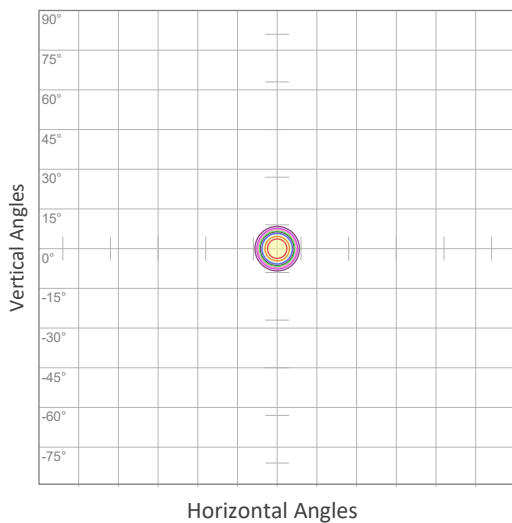
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	148352	37088	16484	9272	5934	4121	3028	2318	1832	1484
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1226	1030	878	757	659	580	513	458	411	371
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13782	3446	1531	861	551	383	281	215	170	138
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	114	96	82	70	61	54	48	43	38	34

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Full



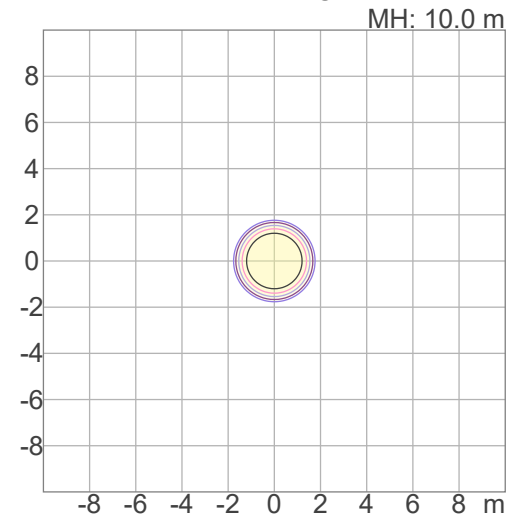
## ISO Diagrams



**ISO Candela Diagram**

10%	14835 cd
20%	29670 cd
30%	44506 cd
40%	59341 cd
50%	74176 cd
60%	89011 cd
70%	103846 cd
80%	118682 cd
90%	133517 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 148352 cd



**ISO Lux Diagram**

3%	44.5 lx
5%	74.2 lx
10%	148 lx
30%	445 lx
50%	742 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1484 lx

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

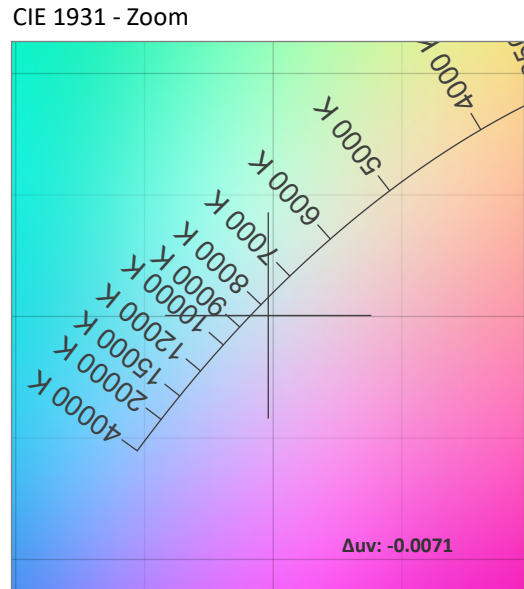
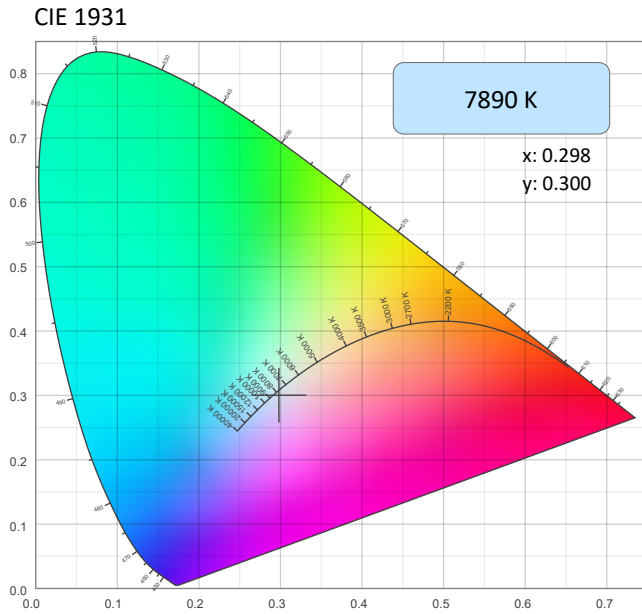
Mounting height: 10 meters / 33 feet



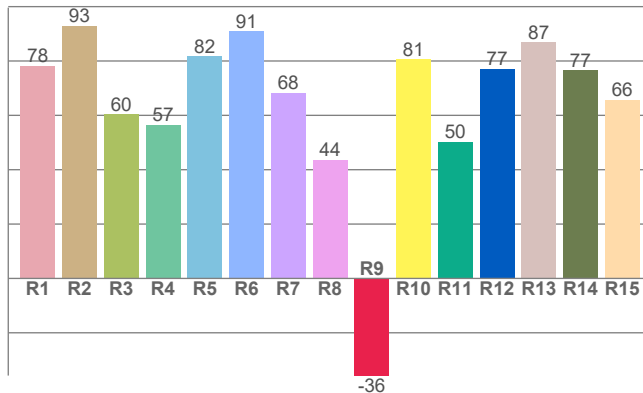
# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Full

## Chromaticity



CRI: 71.5 (R1-R8)

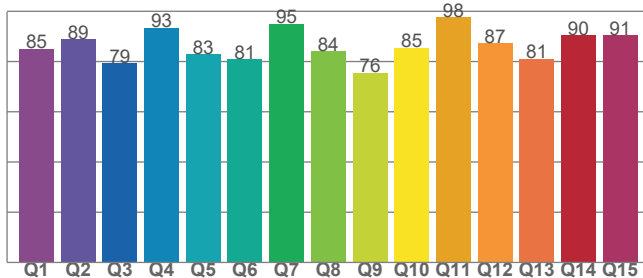


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7890 K	0.298	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0071	0.300	0.198

CQS: 85.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.5	-35.7	85.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
65	77.6	116.9

# Photometric & Chromaticity Report

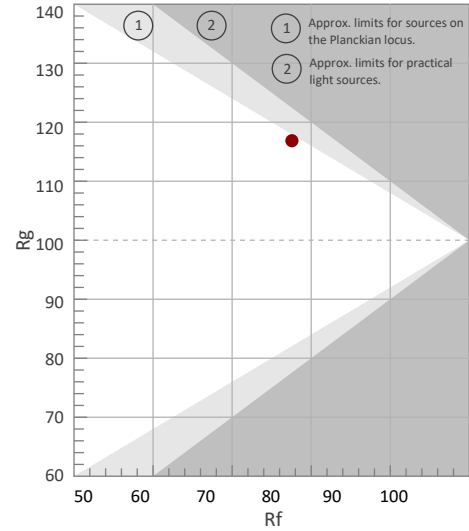
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Full

## TM-30 Details

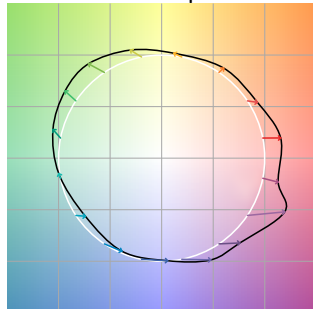
**Rf 77.6**  
Fidelity Index  
(Rg)

**Rg 116.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	17%	-3%
2	81	7%	-7%
3	89	6%	-1%
4	86	2%	8%
5	78	9%	9%
6	75	16%	8%
7	78	14%	-2%
8	80	9%	-7%
9	92	1%	-5%
10	87	-7%	6%
11	64	-4%	18%
12	68	-4%	25%
13	67	6%	27%
14	68	10%	17%
15	62	28%	23%
16	71	15%	-1%



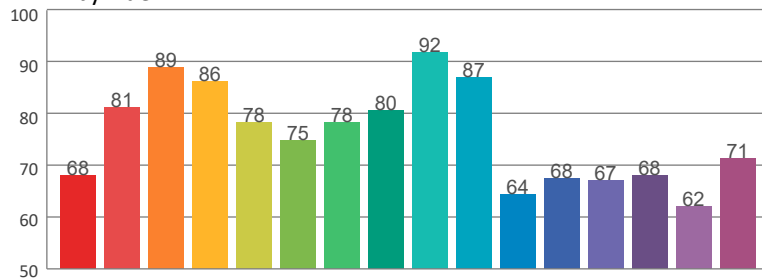
Color Vector Graphic



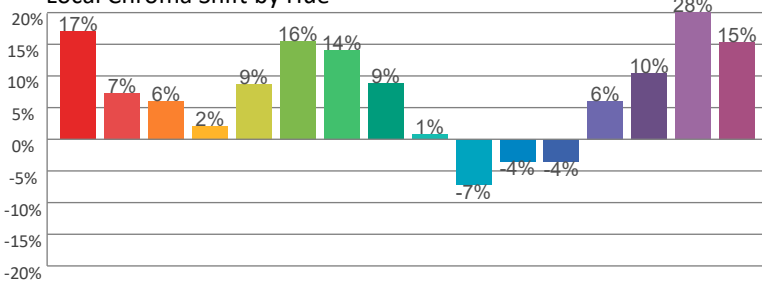
Color Distortion Graphic



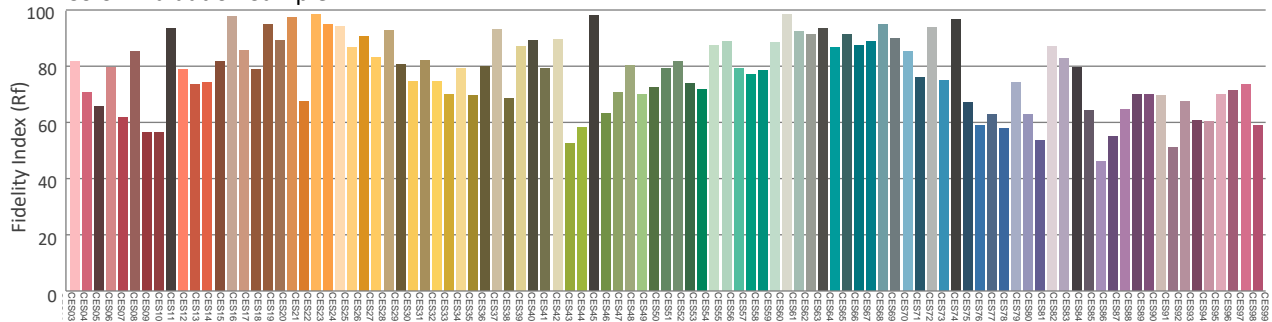
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 8909 lm  
Fixture Peak: 172144 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 6886 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.7°  
Field Angle (10%): 18.7°  
Cutoff Angle (3%): 21.1°

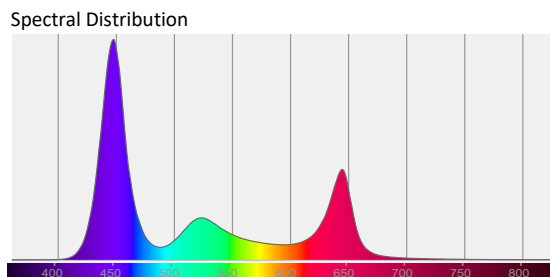
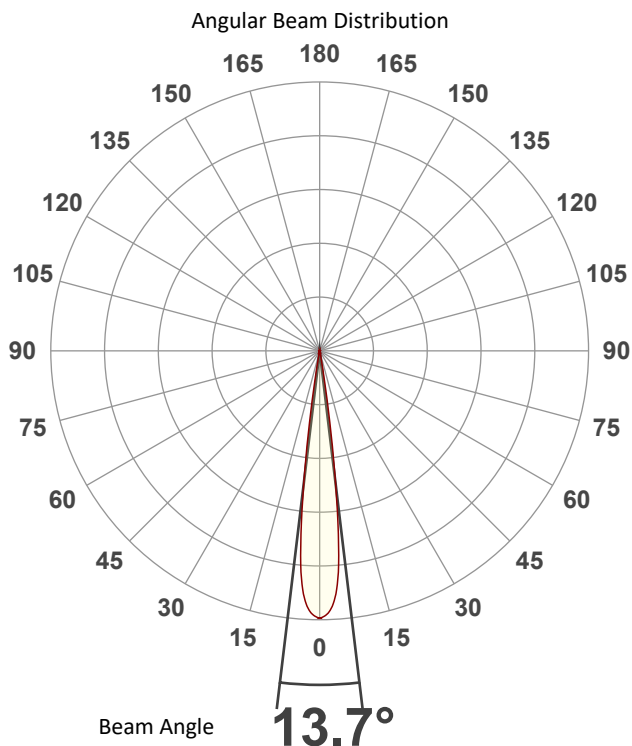


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.243

Y: 0.171



Light Quality

CRI: 0.0

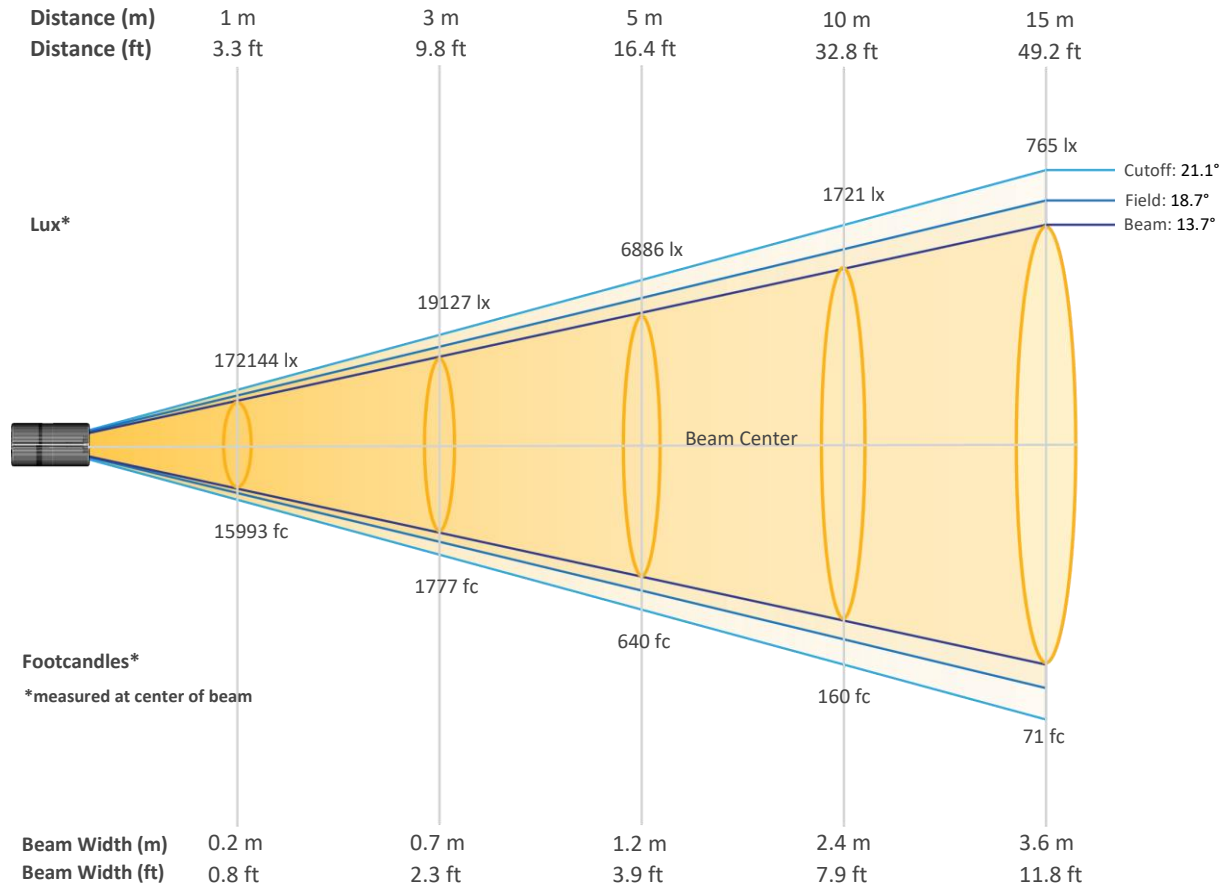
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Full

## Beam Details

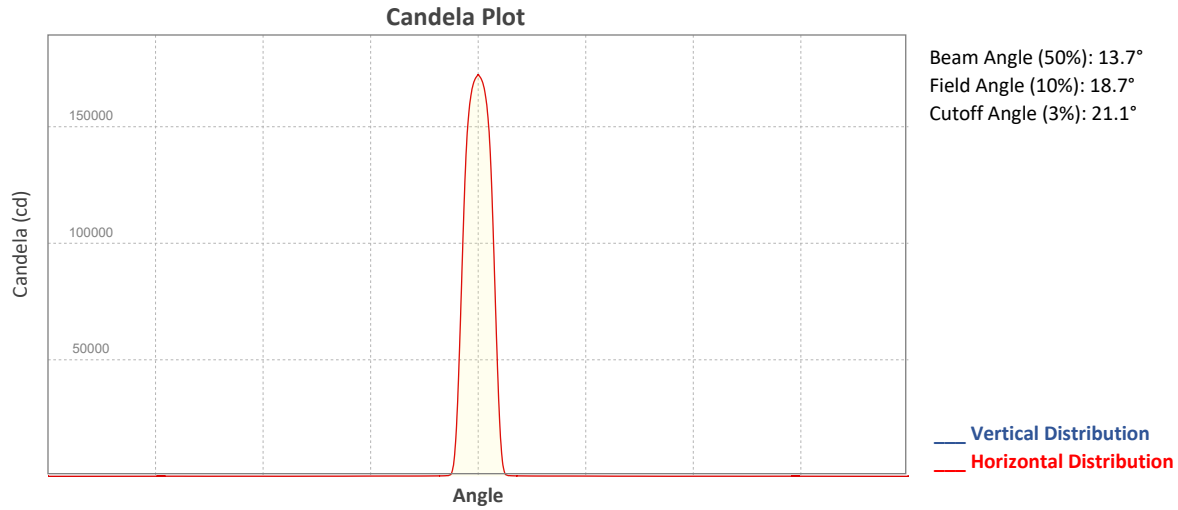


### Beam Intensities from 1-20m (3.3-65.6ft)

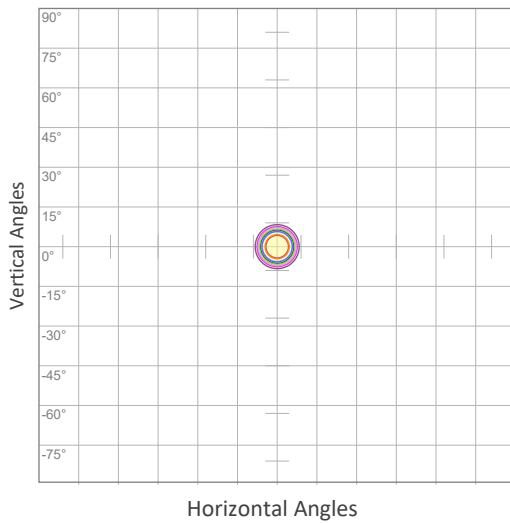
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	172144	43036	19127	10759	6886	4782	3513	2690	2125	1721
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1423	1195	1019	878	765	672	596	531	477	430
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15993	3998	1777	1000	640	444	326	250	197	160
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	132	111	95	82	71	62	55	49	44	40

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Full



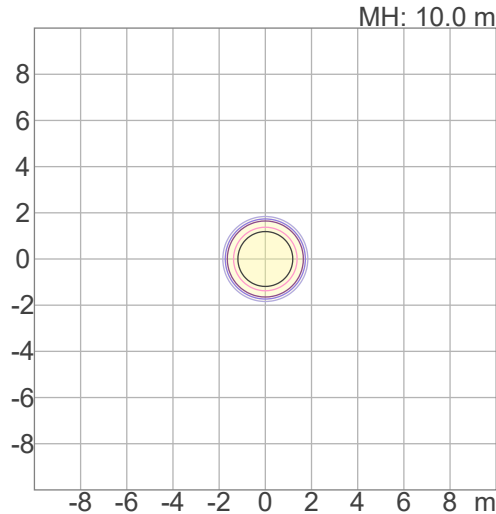
## ISO Diagrams



**ISO Candela Diagram**

10%	17214 cd
20%	34429 cd
30%	51643 cd
40%	68858 cd
50%	86072 cd
60%	103287 cd
70%	120501 cd
80%	137715 cd
90%	154930 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 172144 cd



**ISO Lux Diagram**

3%	51.6 lx
5%	86.1 lx
10%	172 lx
30%	516 lx
50%	861 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1721 lx

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

Mounting height: 10 meters / 33 feet

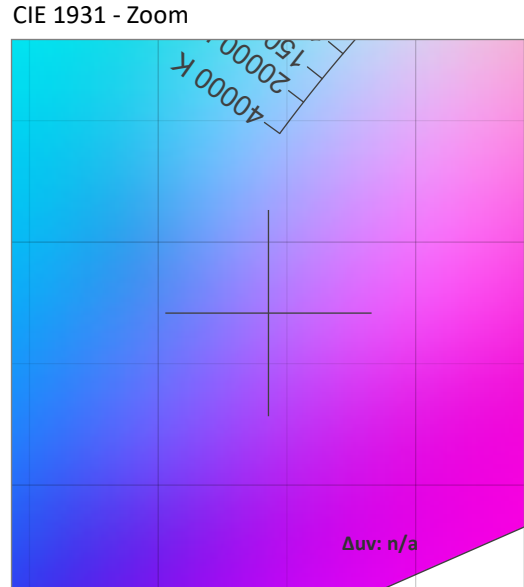
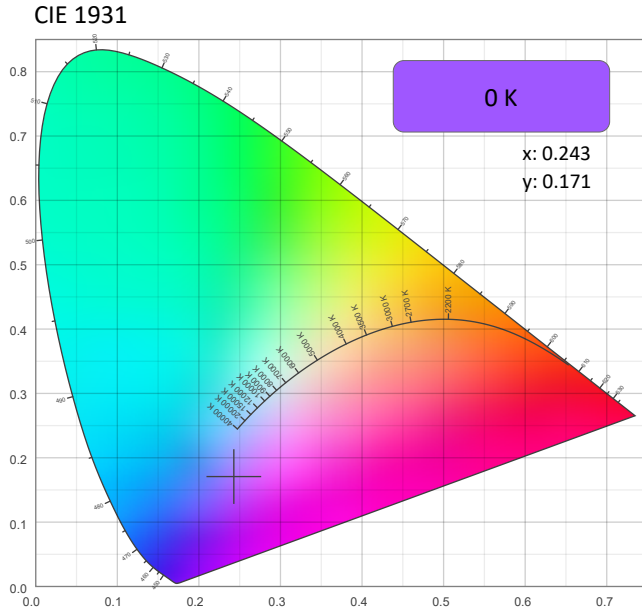




# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Full

## 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	0.243	0.171

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.171	0.213

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

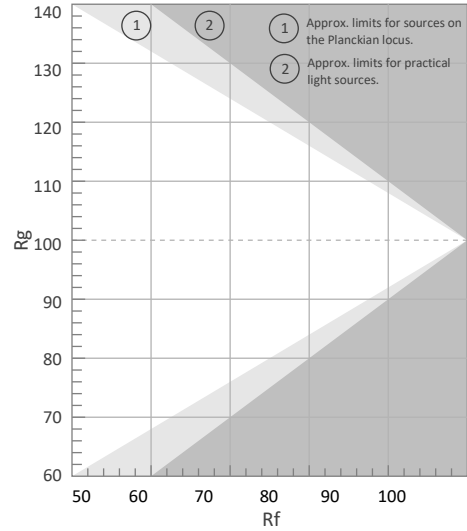
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Full

## TM-30 Details

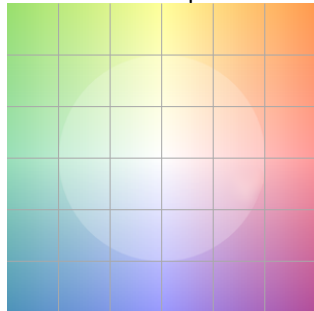
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

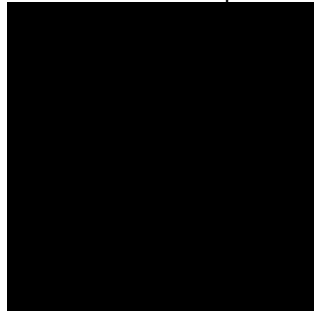
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



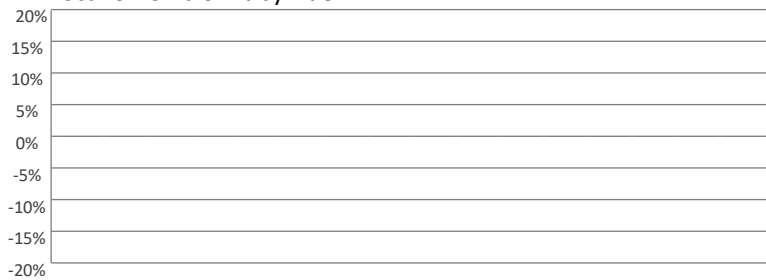
Color Distortion Graphic



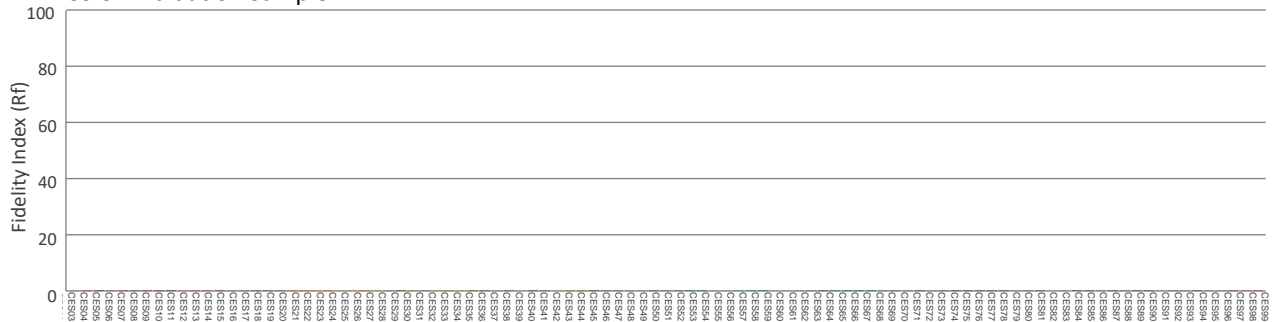
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Auto

## Report Summary

### Measurements

Fixture Output: 7775 lm  
Fixture Peak: 148732 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5949 lux  
Color Temperature: 7941 K  
CRI: 71.8      CRI R9 Value: -33.9  
CQS: 85.3  
TLCl: 65  
TM-30 Rf: 77.7  
TM-30 Rg: 116.6  
Beam Angle (50%): 13.8°  
Field Angle (10%): 18.8°  
Cutoff Angle (3%): 21.1°

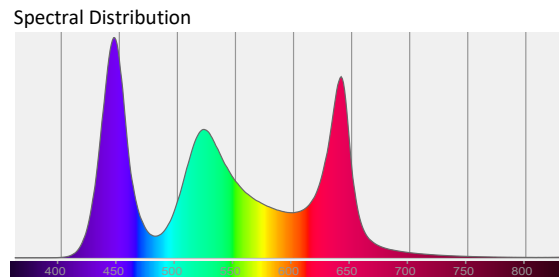
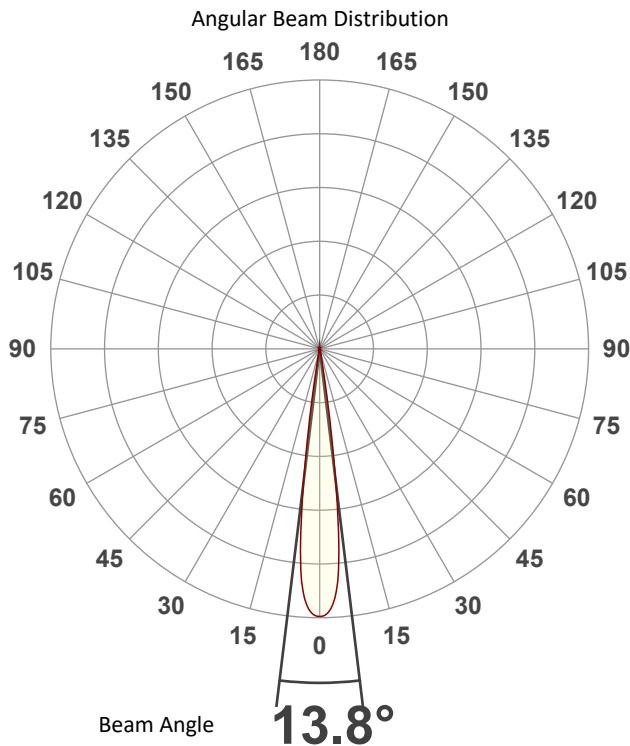


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

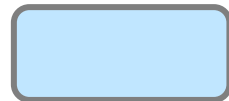
## Overall Measurement



Tested Color (CIE 1931):

X: 0.297

Y: 0.300



Light Quality

CRI: 71.8

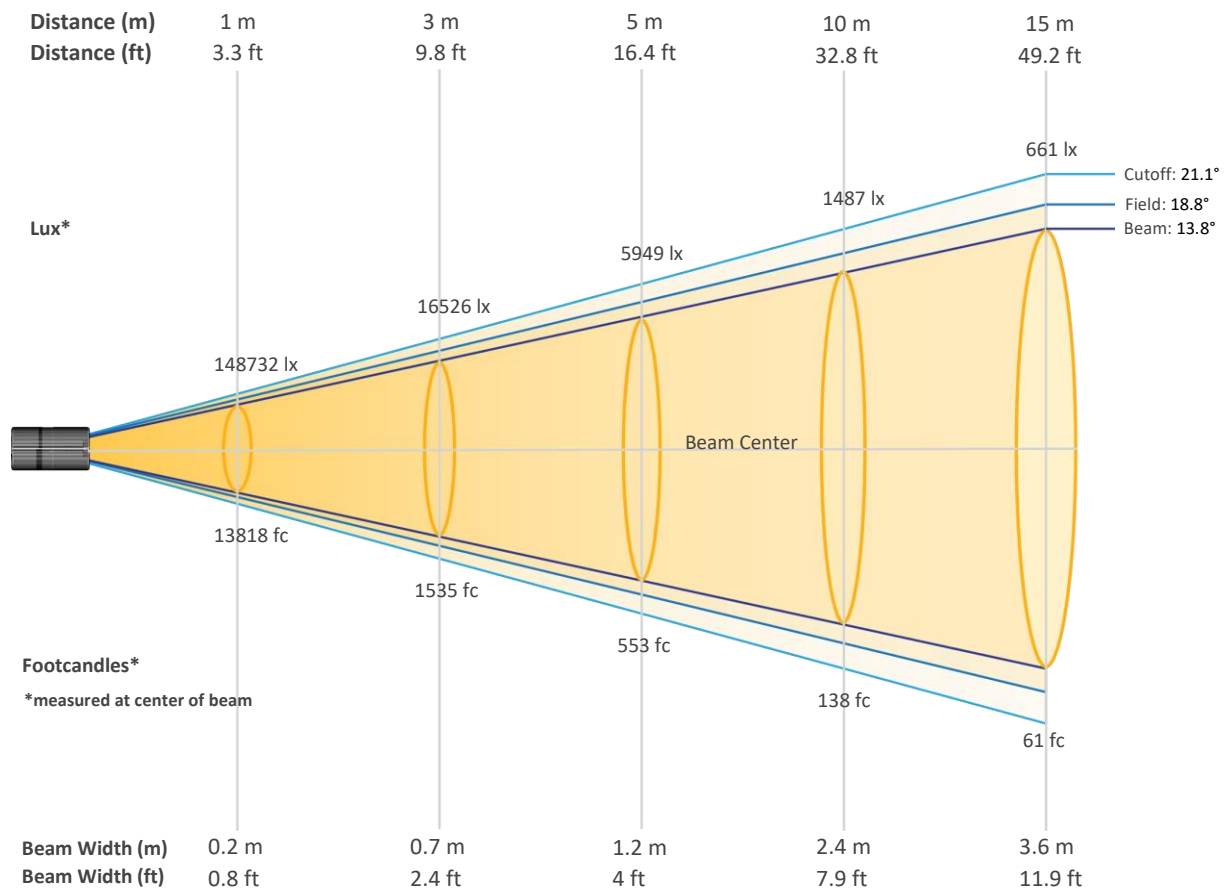
Color Temperature

7941 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Auto

## Beam Details

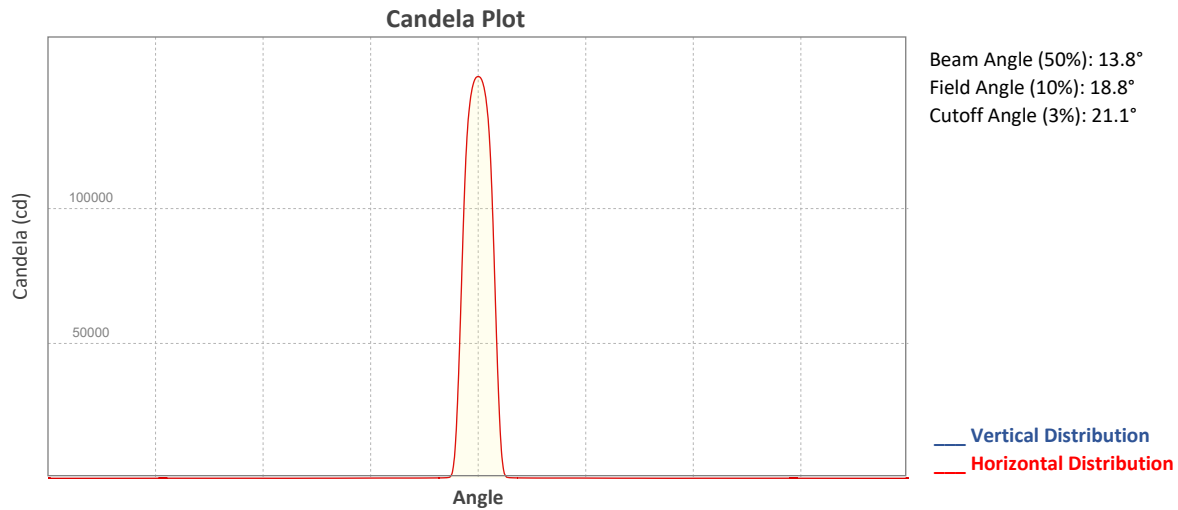


## Beam Intensities from 1-20m (3.3-65.6ft)

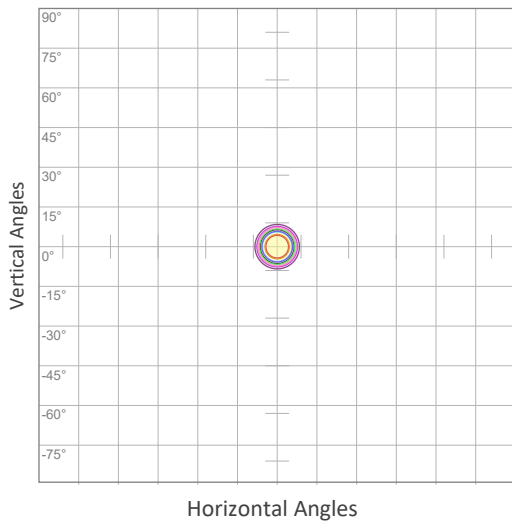
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	148732	37183	16526	9296	5949	4131	3035	2324	1836	1487
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1229	1033	880	759	661	581	515	459	412	372
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13818	3454	1535	864	553	384	282	216	171	138
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	114	96	82	70	61	54	48	43	38	35

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Auto



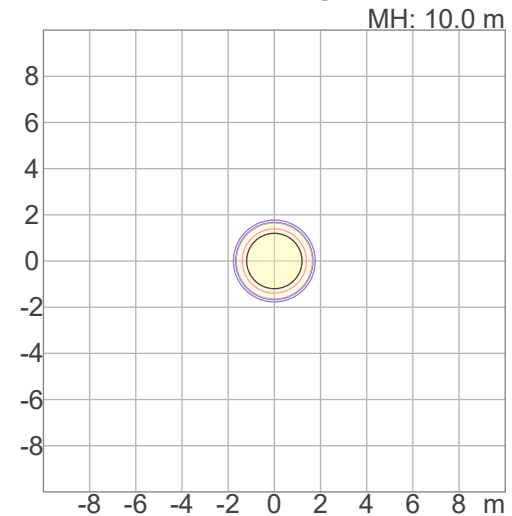
## ISO Diagrams



**ISO Candela Diagram**

10%	14873 cd
20%	29746 cd
30%	44620 cd
40%	59493 cd
50%	74366 cd
60%	89239 cd
70%	104113 cd
80%	118986 cd
90%	133859 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 148732 cd



**ISO Lux Diagram**

3%	44.6 lx
5%	74.4 lx
10%	149 lx
30%	446 lx
50%	744 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1487 lx

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

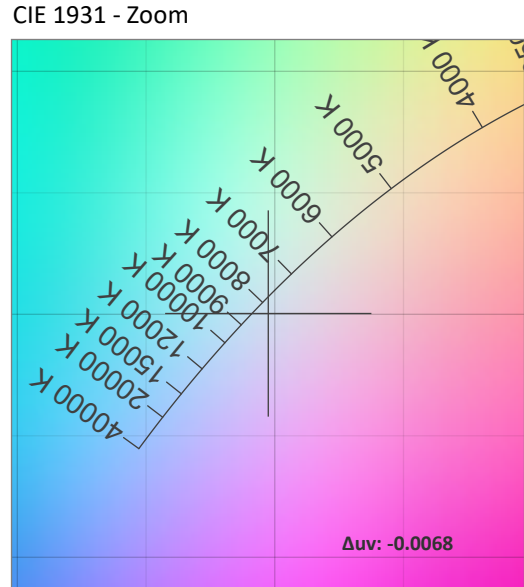
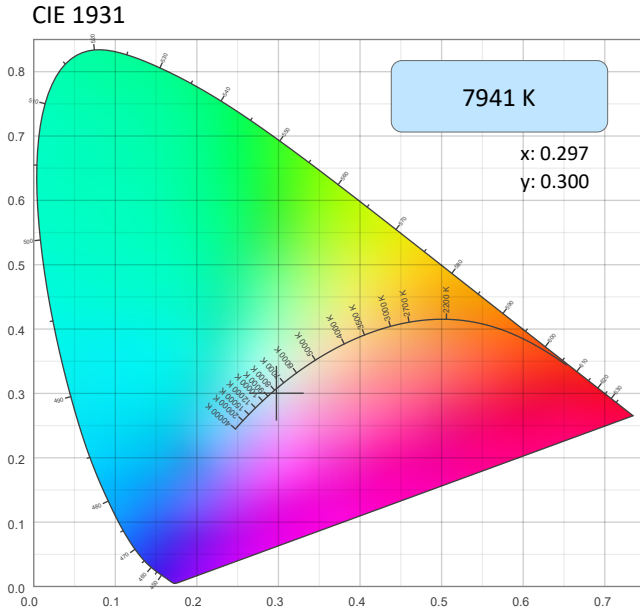
Mounting height: 10 meters / 33 feet



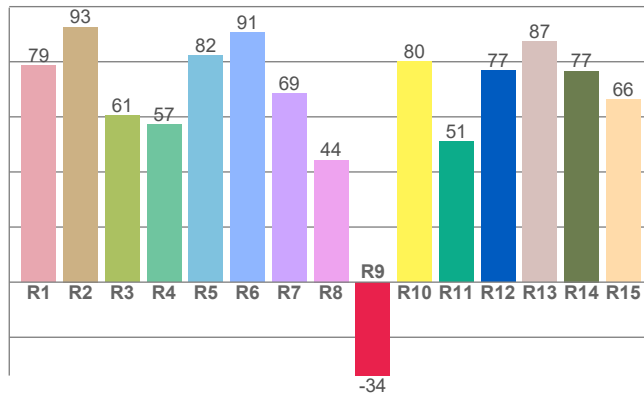
# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Auto

## Chromaticity



CRI: 71.8 (R1-R8)

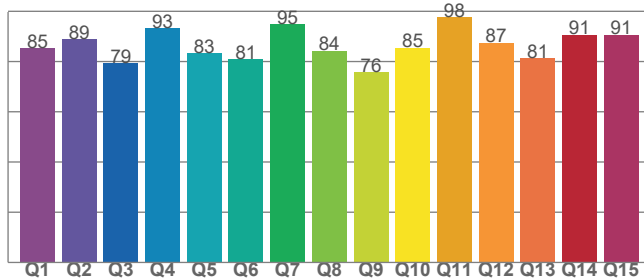


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7941 K	0.297	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
-0.0068	0.300	0.198

CQS: 85.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	-33.9	85.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
65	77.7	116.6

# Photometric & Chromaticity Report

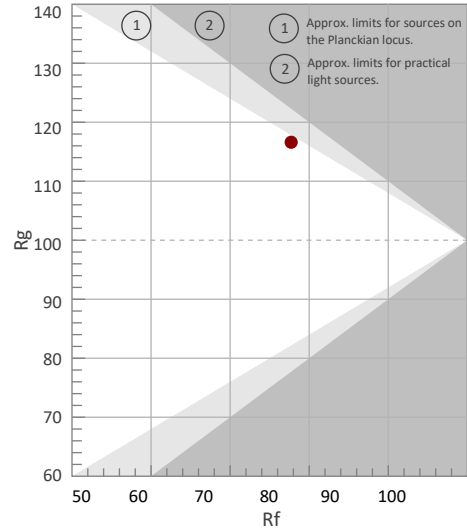
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to Auto

## TM-30 Details

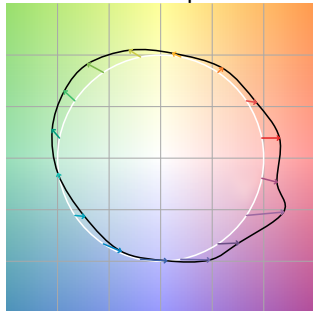
**Rf 77.7**  
Fidelity Index  
(Rg)

**Rg 116.6**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	17%	-3%
2	81	7%	-7%
3	89	6%	-1%
4	86	2%	8%
5	78	9%	9%
6	75	15%	8%
7	79	14%	-2%
8	81	9%	-7%
9	92	1%	-5%
10	87	-7%	6%
11	64	-4%	18%
12	68	-4%	25%
13	67	6%	27%
14	68	10%	17%
15	62	28%	23%
16	72	15%	-1%



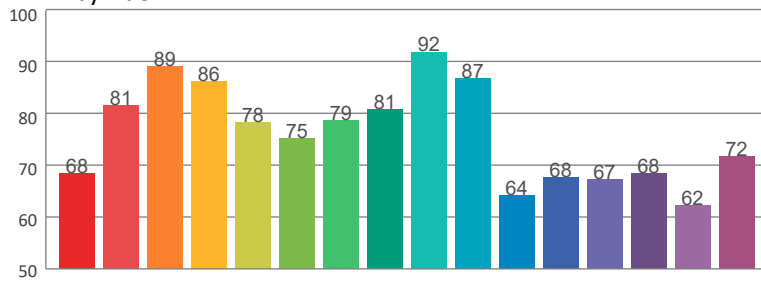
Color Vector Graphic



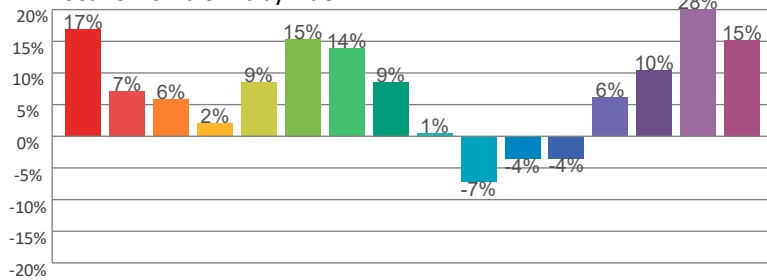
Color Distortion Graphic



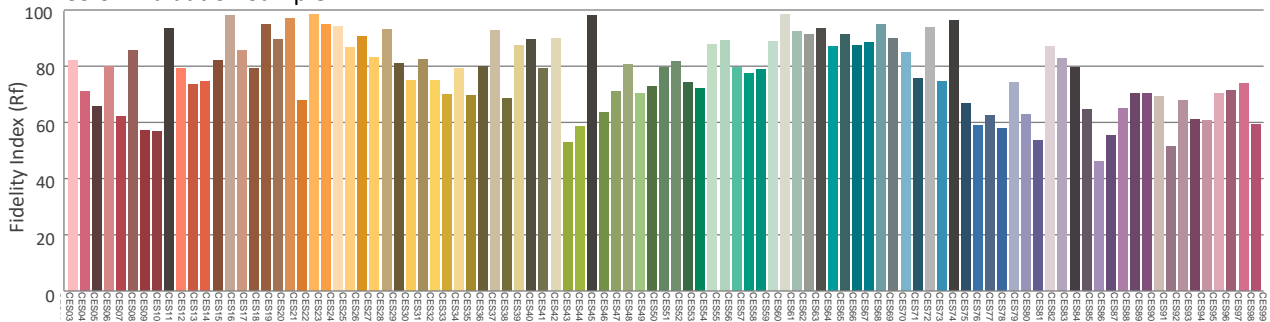
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Auto

## Report Summary

### Measurements

Fixture Output: 8690 lm  
Fixture Peak: 165931 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 6637 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.8°  
Field Angle (10%): 18.9°  
Cutoff Angle (3%): 21.3°

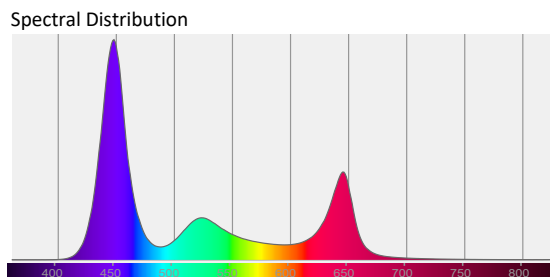
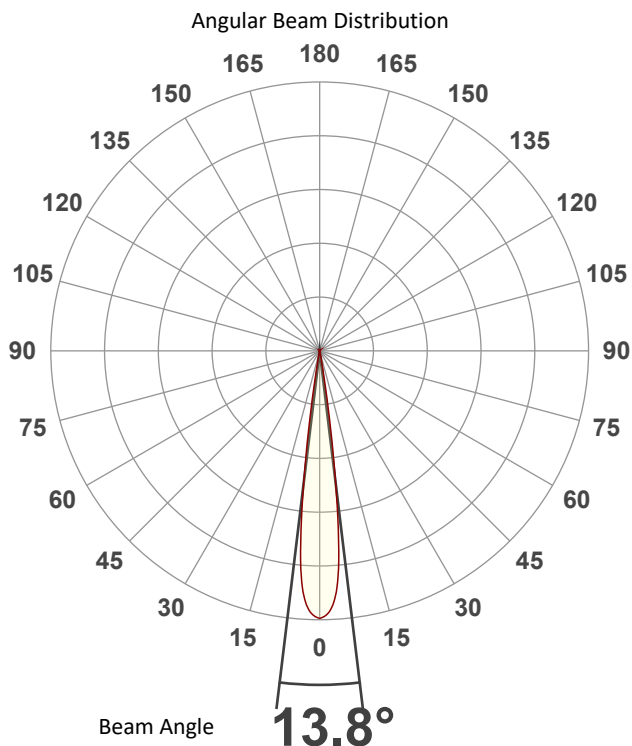


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.241

Y: 0.170



Light Quality

CRI: 0.0

Color Temperature

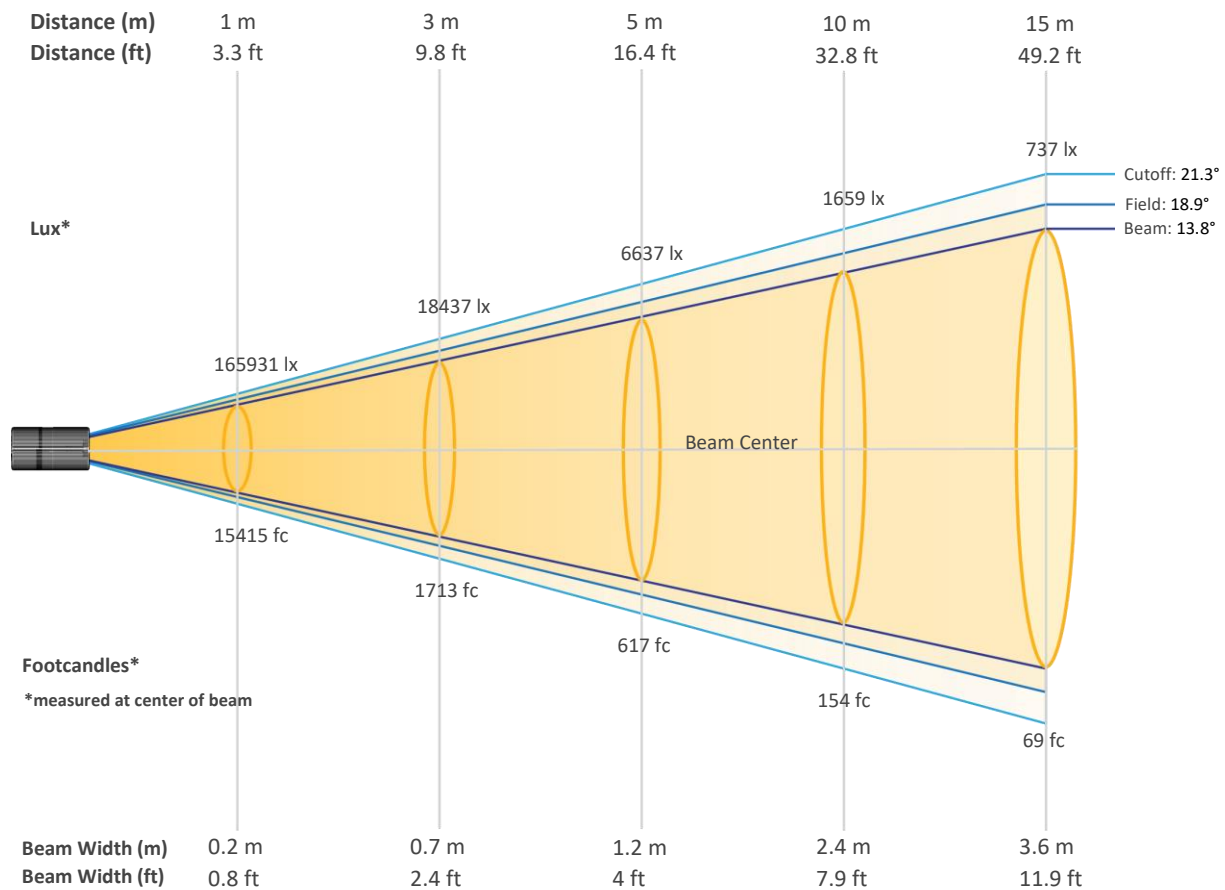
0 K



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Auto

## Beam Details

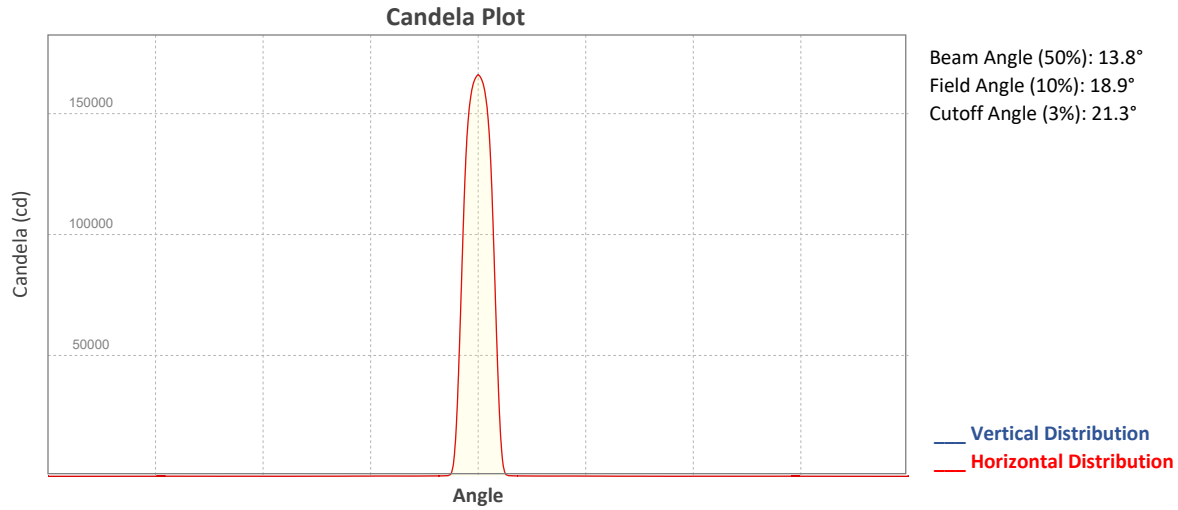


### Beam Intensities from 1-20m (3.3-65.6ft)

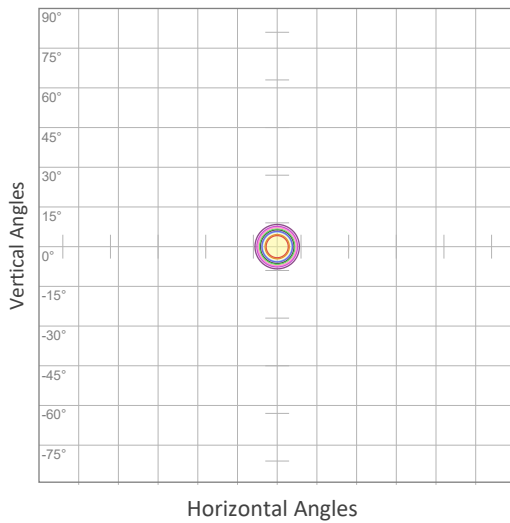
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	165931	41483	18437	10371	6637	4609	3386	2593	2049	1659
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1371	1152	982	847	737	648	574	512	460	415
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15415	3854	1713	963	617	428	315	241	190	154
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	127	107	91	79	69	60	53	48	43	39

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Auto



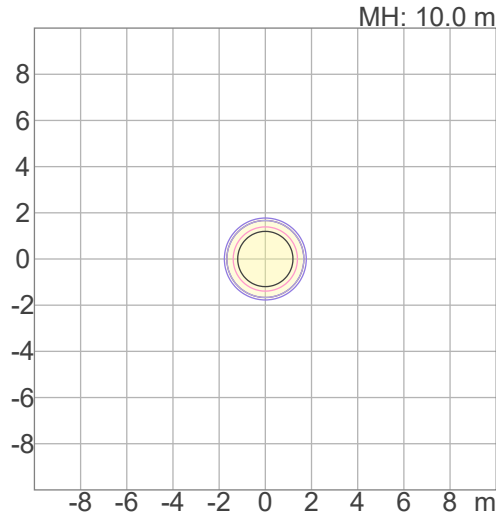
## ISO Diagrams



**ISO Candela Diagram**

10%	16593 cd
20%	33186 cd
30%	49779 cd
40%	66372 cd
50%	82966 cd
60%	99559 cd
70%	116152 cd
80%	132745 cd
90%	149338 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 165931 cd



**ISO Lux Diagram**

3%	49.8 lx
5%	83.0 lx
10%	166 lx
30%	498 lx
50%	830 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1659 lx

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

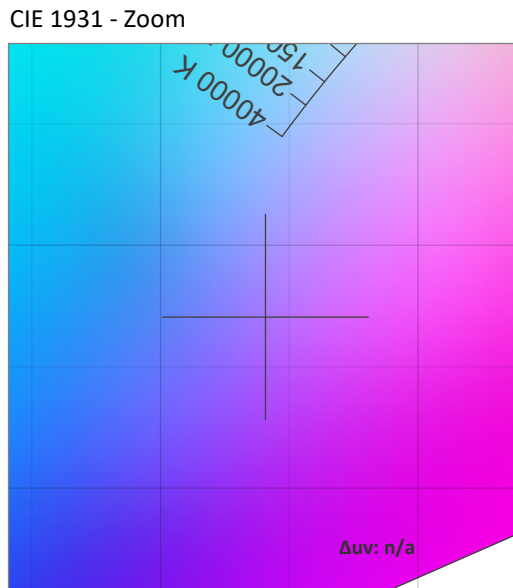
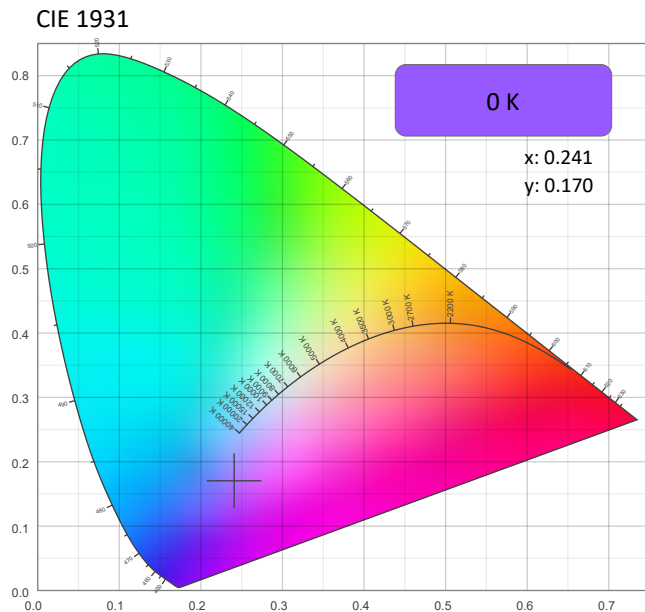
Mounting height: 10 meters / 33 feet



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Auto

## Chromaticity



### CRI: 0.0 (R1-R8)

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

### CQS: 0.0

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

### Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.241	0.170

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.170	0.211

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

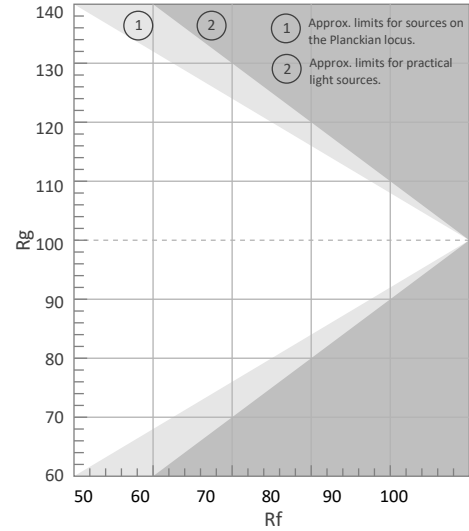
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to Auto

## TM-30 Details

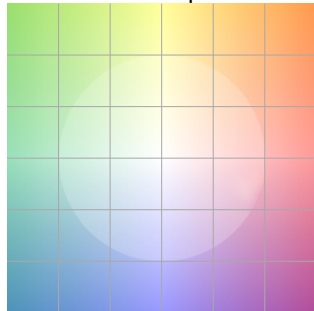
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

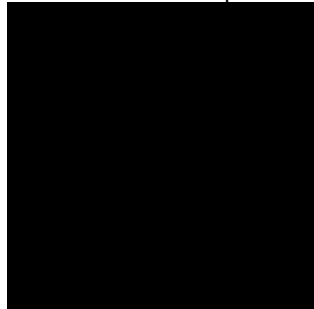
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



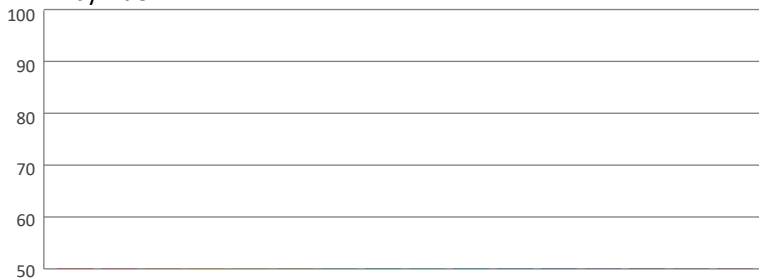
Color Vector Graphic



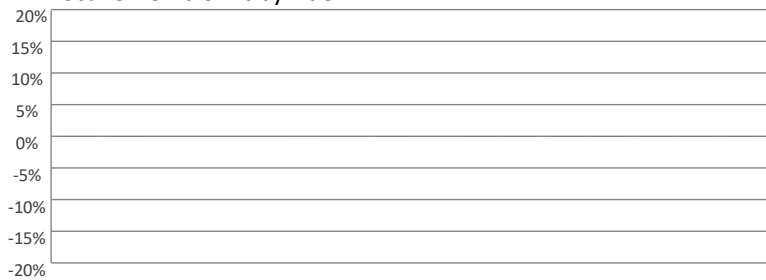
Color Distortion Graphic



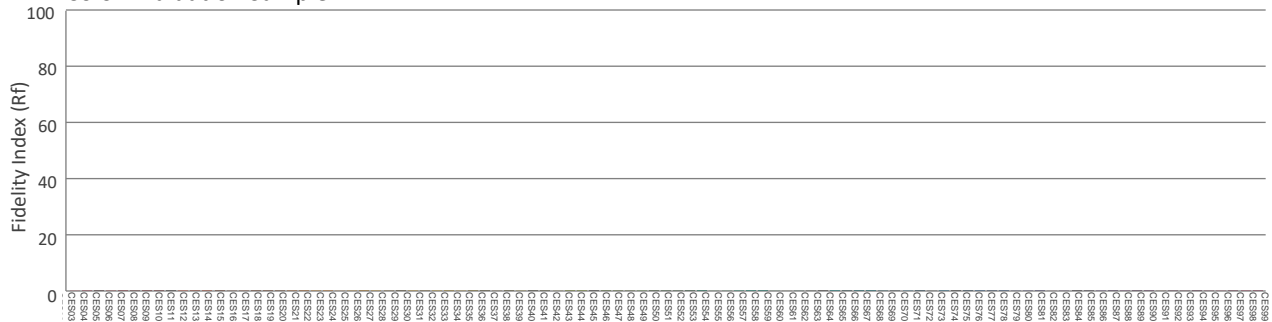
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 7733 lm  
Fixture Peak: 148072 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5923 lux  
Color Temperature: 7961 K  
CRI: 72.0      CRI R9 Value: -33.2  
CQS: 85.4  
TLCI: 66  
TM-30 Rf: 77.8  
TM-30 Rg: 116.7  
Beam Angle (50%): 13.8°  
Field Angle (10%): 18.9°  
Cutoff Angle (3%): 21.2°

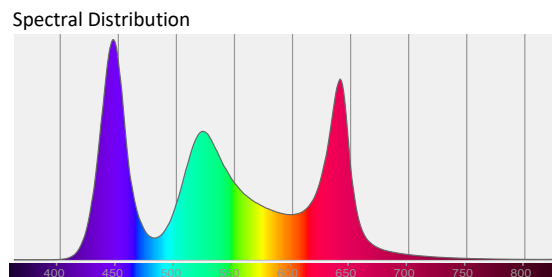
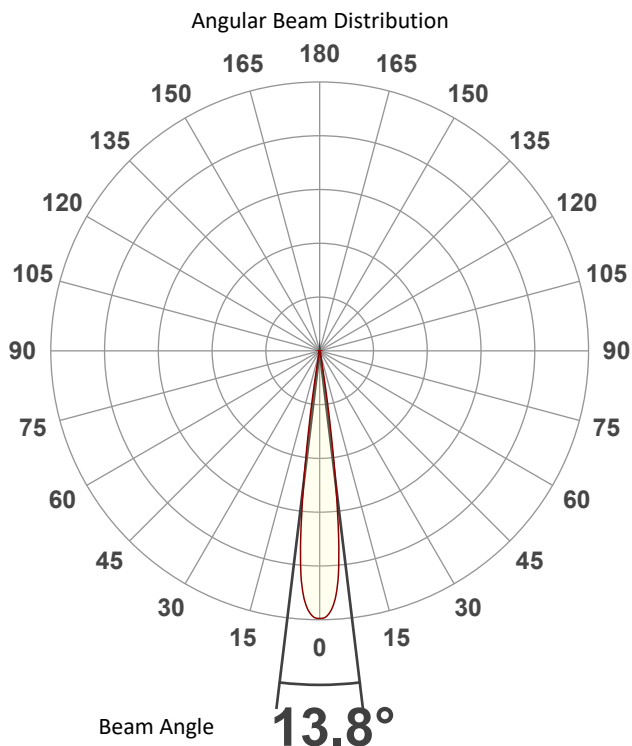


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

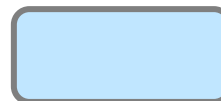
## Overall Measurement



Tested Color (CIE 1931):

X: 0.297

Y: 0.300



Light Quality

CRI: 72.0

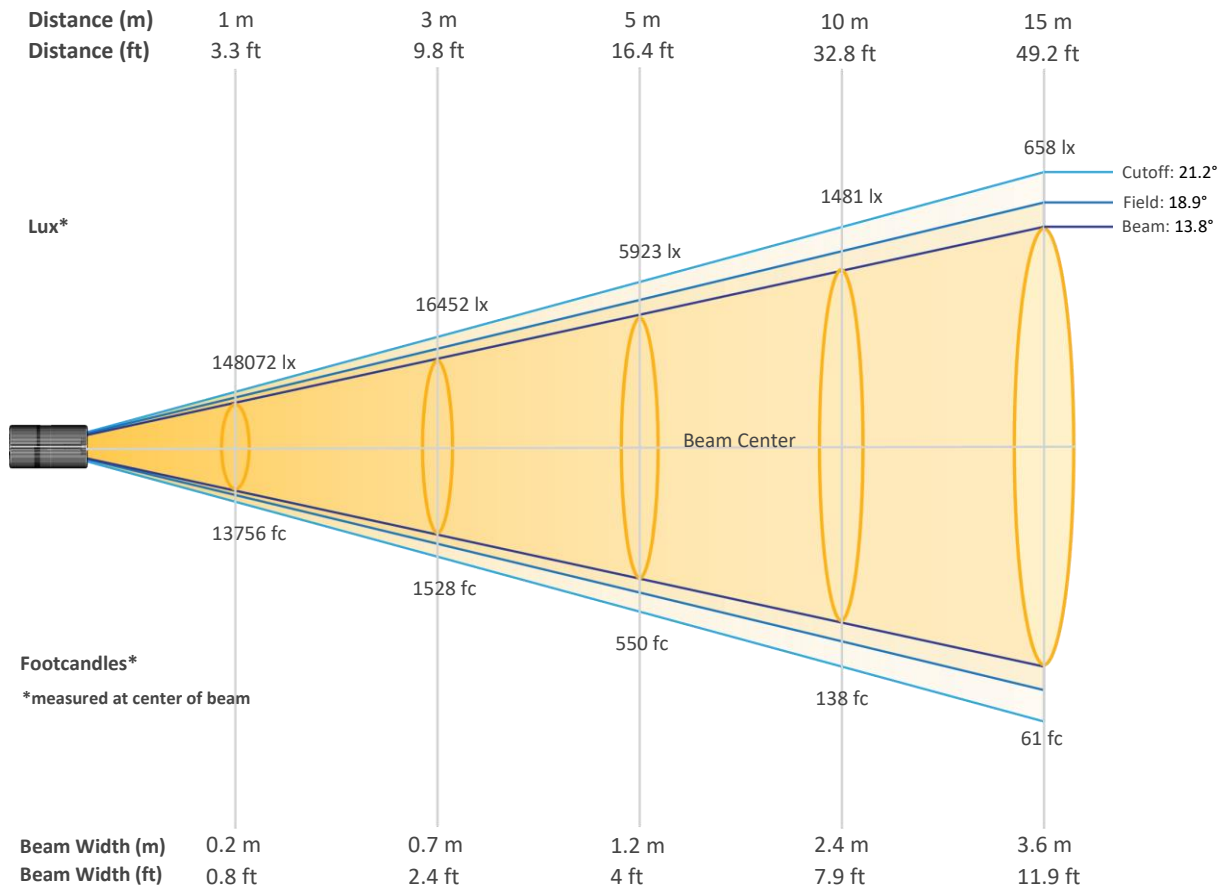
Color Temperature

7961 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO

## Beam Details

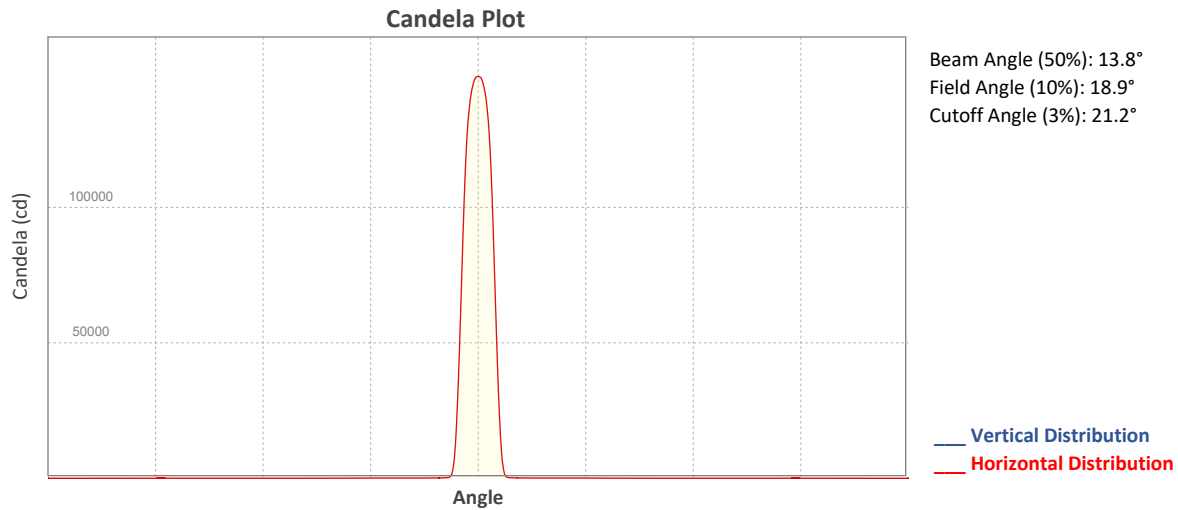


### Beam Intensities from 1-20m (3.3-65.6ft)

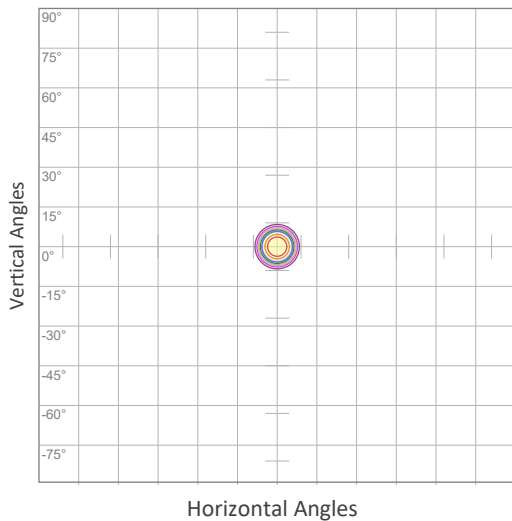
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	148072	37018	16452	9254	5923	4113	3022	2314	1828	1481
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1224	1028	876	755	658	578	512	457	410	370
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13756	3439	1528	860	550	382	281	215	170	138
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	114	96	81	70	61	54	48	42	38	34

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO



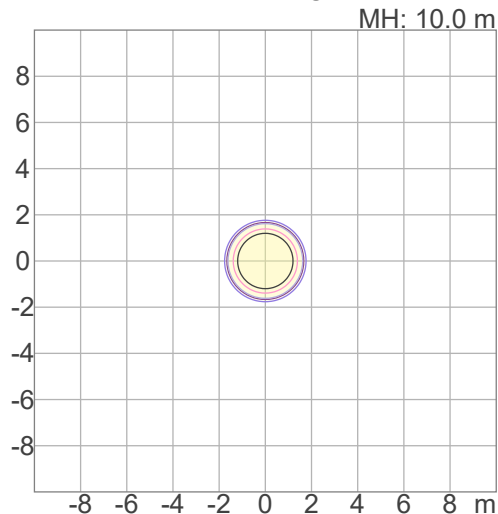
## ISO Diagrams



**ISO Candela Diagram**

10%	14807 cd
20%	29614 cd
30%	44422 cd
40%	59229 cd
50%	74036 cd
60%	88843 cd
70%	103650 cd
80%	118458 cd
90%	133265 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 148072 cd



**ISO Lux Diagram**

3%	44.4 lx
5%	74.0 lx
10%	148 lx
30%	444 lx
50%	740 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1481 lx

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

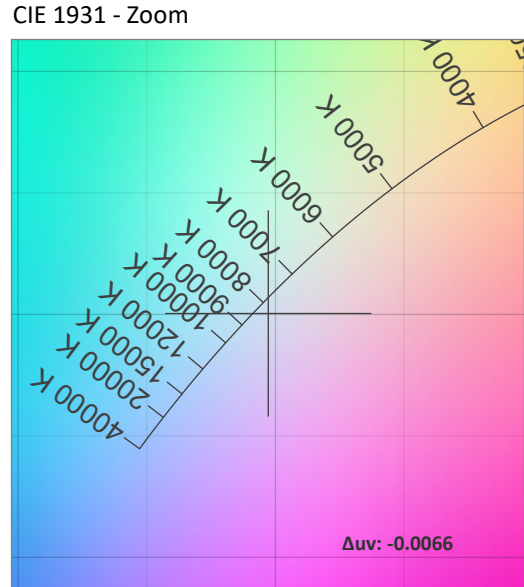
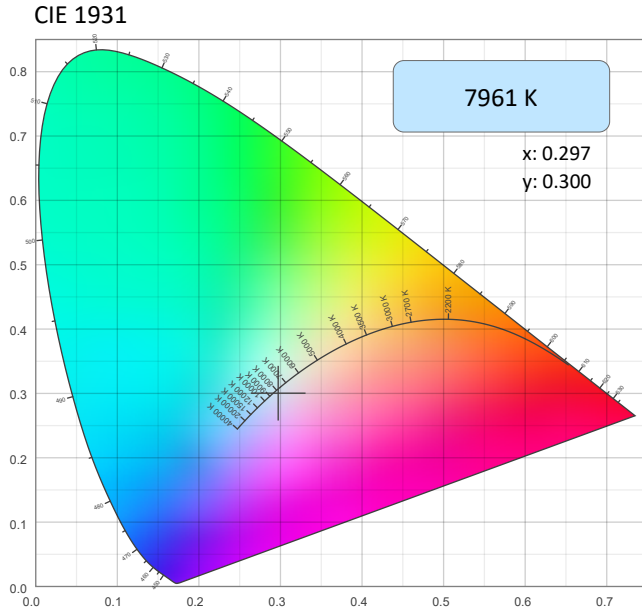
Mounting height: 10 meters / 33 feet



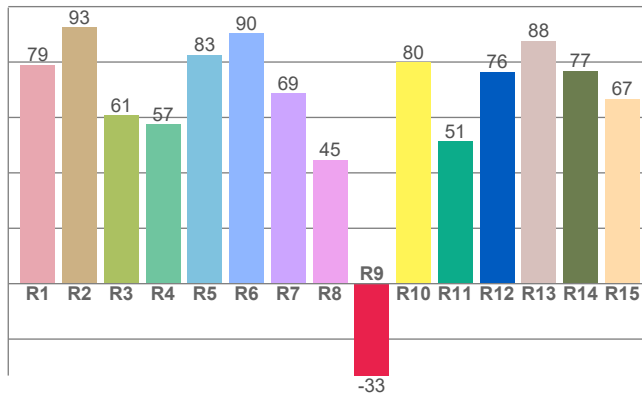
# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO

## Chromaticity



CRI: 72.0 (R1-R8)

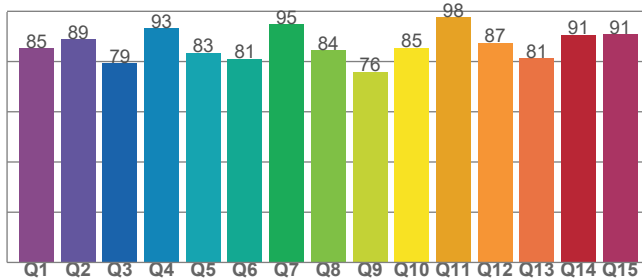


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7961 K	0.297	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0066	0.300	0.198

CQS: 85.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	-33.2	85.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
66	77.8	116.7



# Photometric & Chromaticity Report

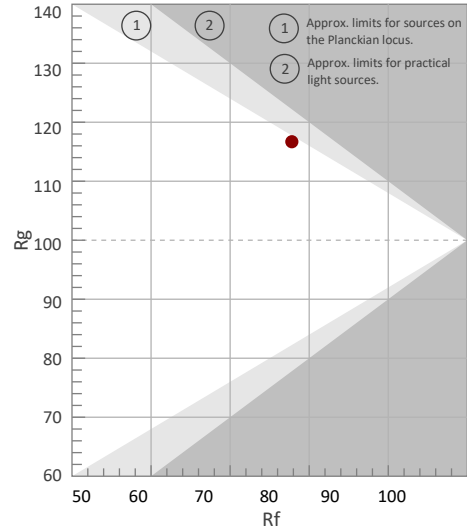
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO

## TM-30 Details

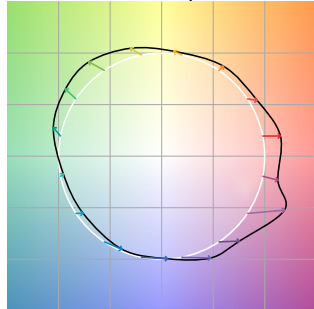
**Rf 77.8**  
Fidelity Index (Rg)

**Rg 116.7**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	17%	-3%
2	82	7%	-7%
3	89	6%	-1%
4	86	2%	8%
5	78	9%	9%
6	75	15%	8%
7	79	14%	-2%
8	81	8%	-7%
9	89	-3%	-2%
10	89	-6%	4%
11	64	-4%	18%
12	68	-4%	25%
13	67	6%	27%
14	69	10%	17%
15	62	28%	23%
16	72	15%	-1%



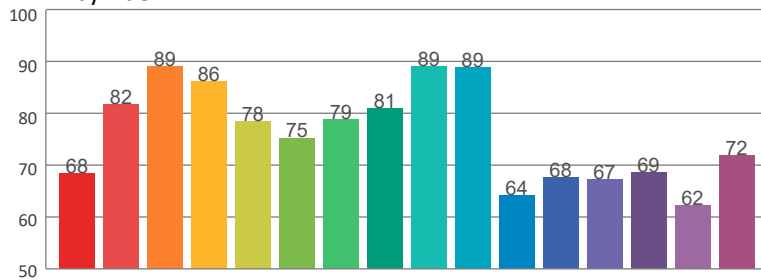
Color Vector Graphic



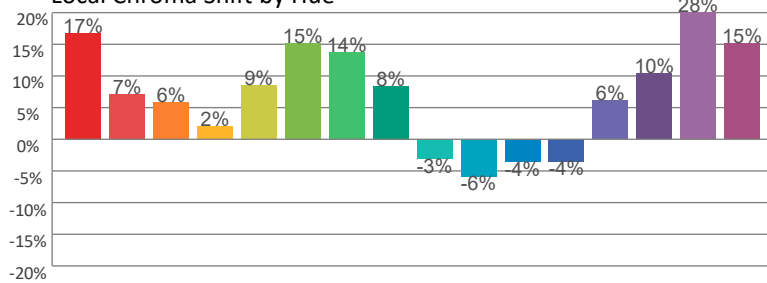
Color Distortion Graphic



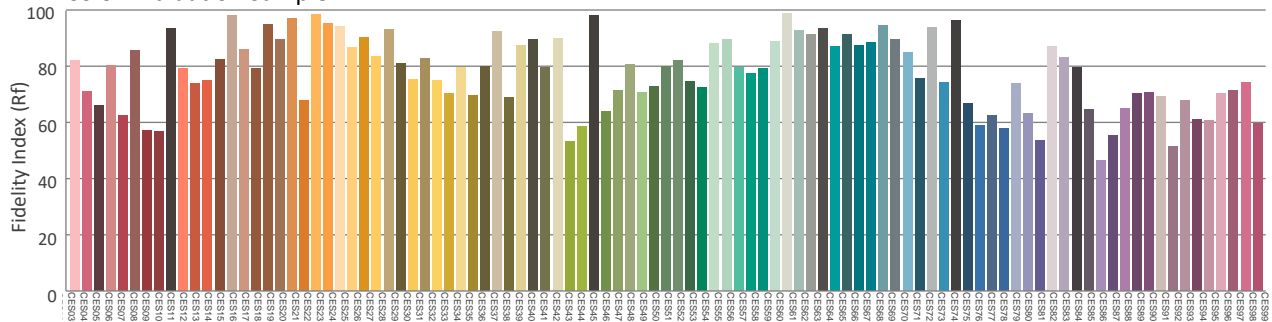
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO - Stable

## Report Summary

### Measurements

Fixture Output: 7343 lm  
Fixture Peak: 138438 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5538 lux  
Color Temperature: 8328 K  
CRI: 73.8      CRI R9 Value: -23.6  
CQS: 86.0  
TLCI: 68  
TM-30 Rf: 78.8  
TM-30 Rg: 114.9  
Beam Angle (50%): 14°  
Field Angle (10%): 19.1°  
Cutoff Angle (3%): 21.5°

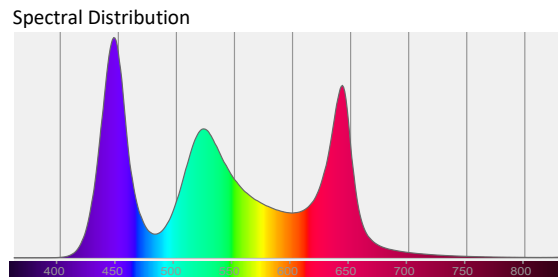
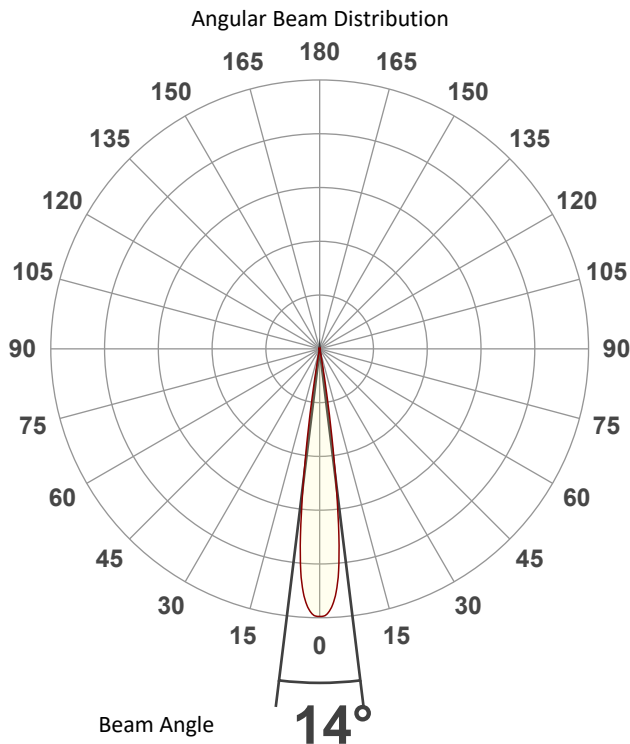


### Conditions

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 5/12/2022 to LM-63-2002 Standards.

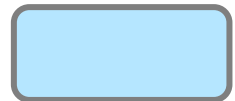
## Overall Measurement



Tested Color (CIE 1931):

X: 0.293

Y: 0.300



Light Quality

CRI: 73.8

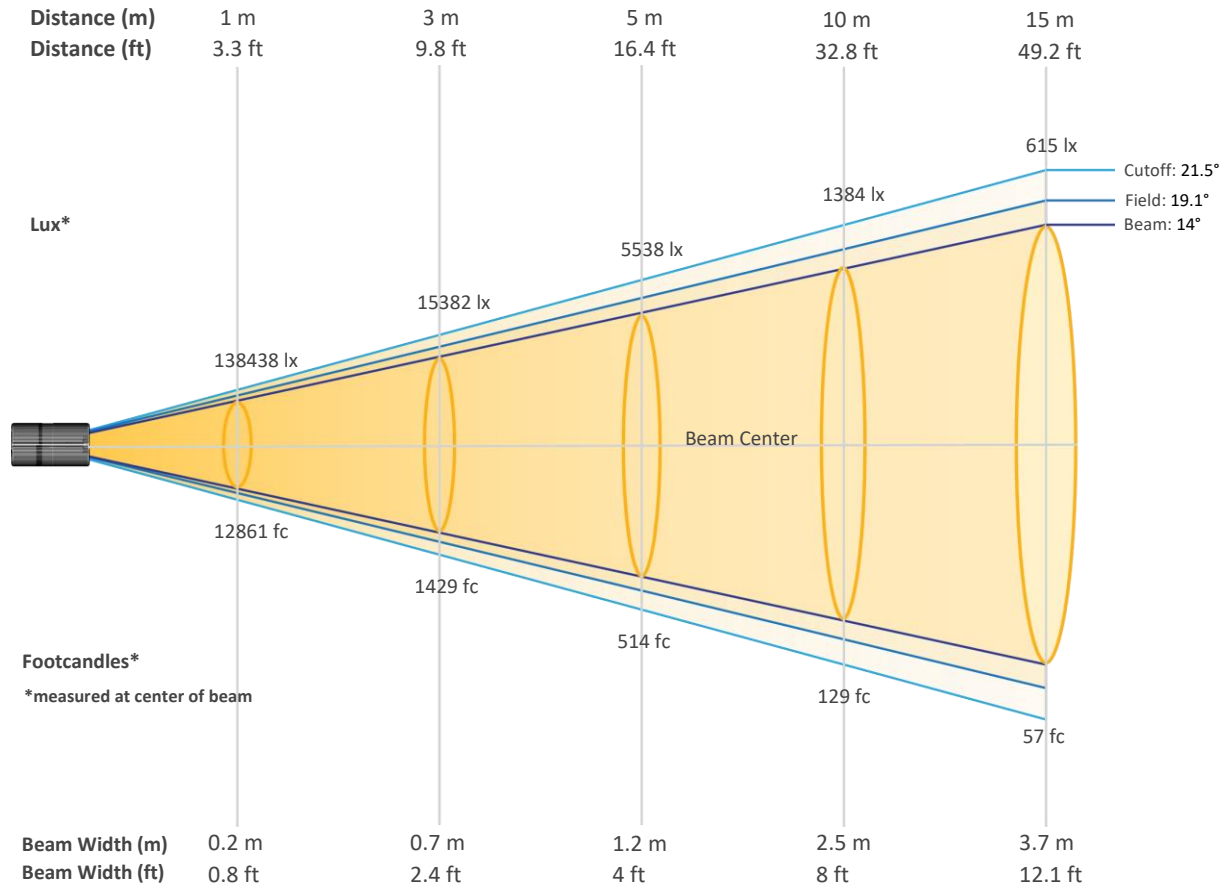
Color Temperature

8328 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO - Stable

## Beam Details

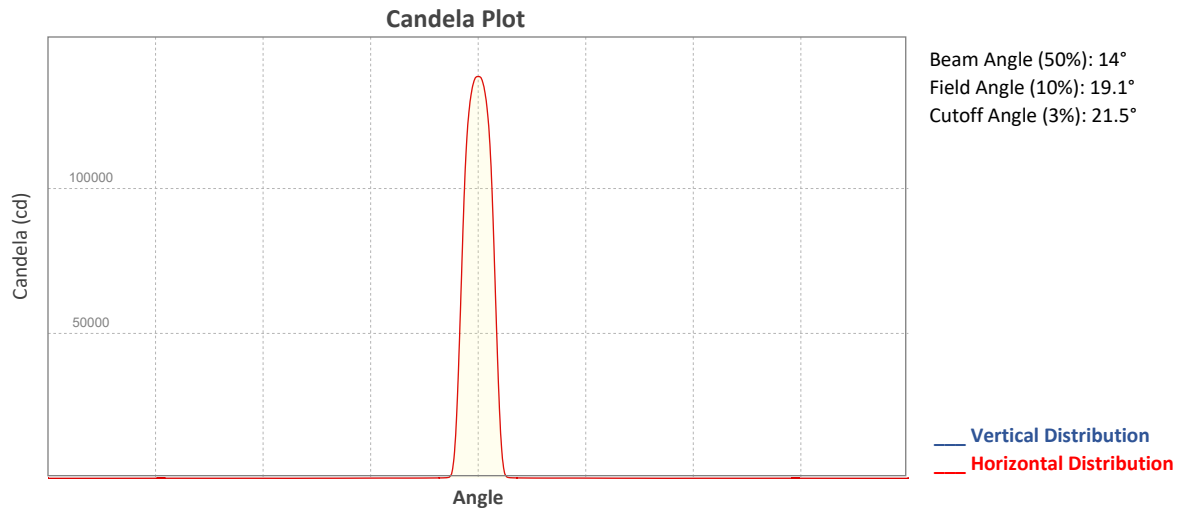


### Beam Intensities from 1-20m (3.3-65.6ft)

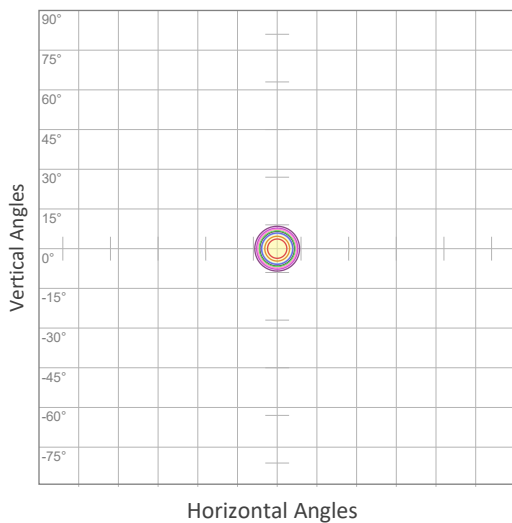
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	138438	34610	15382	8652	5538	3846	2825	2163	1709	1384
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1144	961	819	706	615	541	479	427	383	346
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12861	3215	1429	804	514	357	262	201	159	129
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	106	89	76	66	57	50	45	40	36	32

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO - Stable



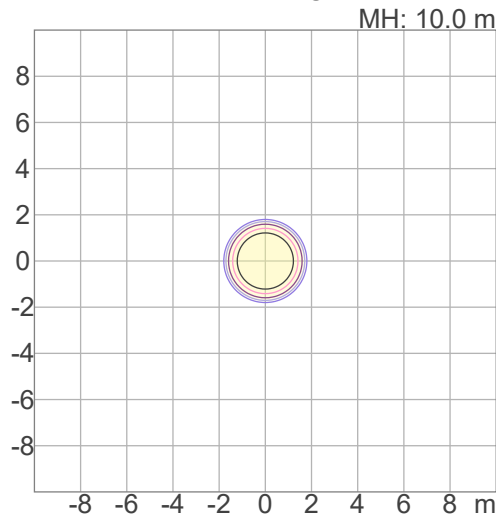
## ISO Diagrams



**ISO Candela Diagram**

— 10%	13844 cd
— 20%	27688 cd
— 30%	41532 cd
— 40%	55375 cd
— 50%	69219 cd
— 60%	83063 cd
— 70%	96907 cd
— 80%	110751 cd
— 90%	124595 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 138438 cd



**ISO Lux Diagram**

— 3%	41.5 lx
— 5%	69.2 lx
— 10%	138 lx
— 30%	415 lx
— 50%	692 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1384 lx

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

Mounting height: 10 meters / 33 feet

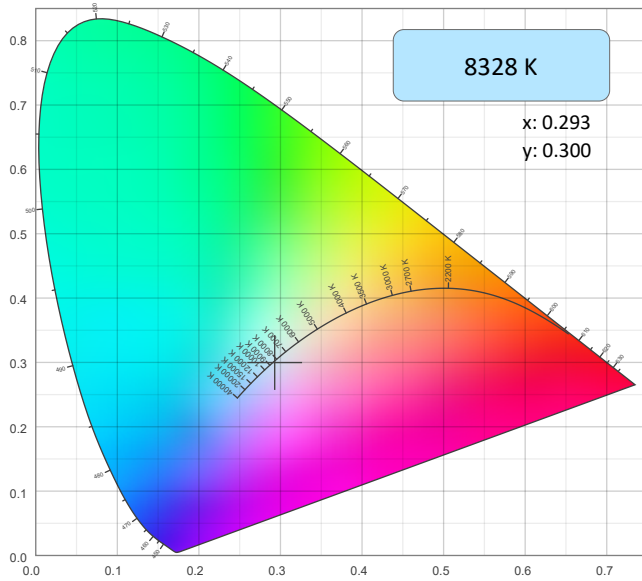


# Photometric & Chromaticity Report

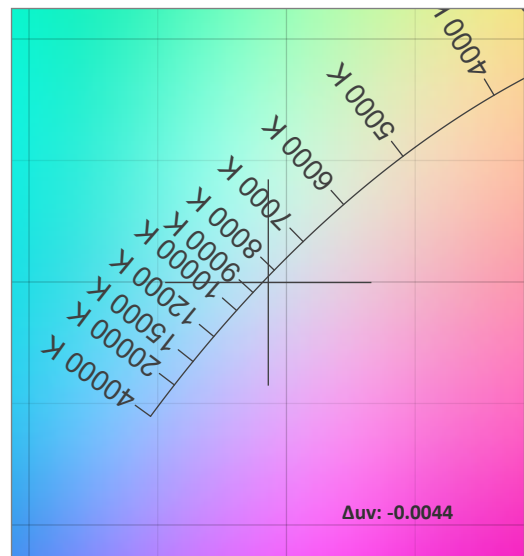
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO - Stable

## Chromaticity

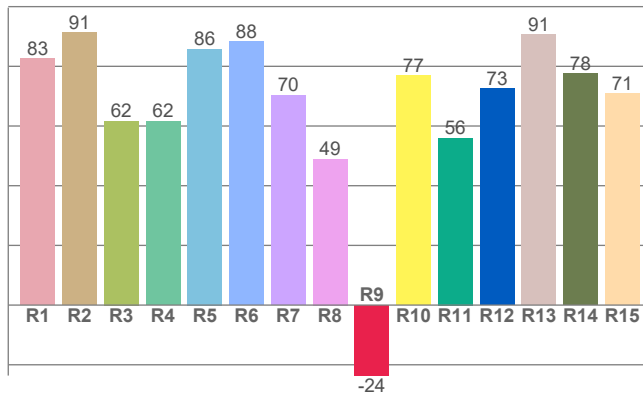
CIE 1931



CIE 1931 - Zoom



CRI: 73.8 (R1-R8)

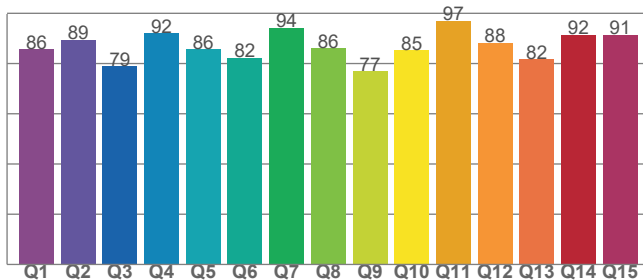


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8328 K	0.293	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
-0.0044	0.300	0.195

CQS: 86.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.8	-23.6	86.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
68	78.8	114.9

# Photometric & Chromaticity Report

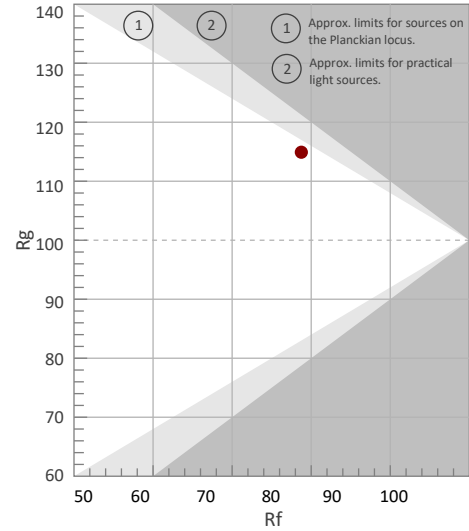
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration On - Fan set to ECO - Stable

## TM-30 Details

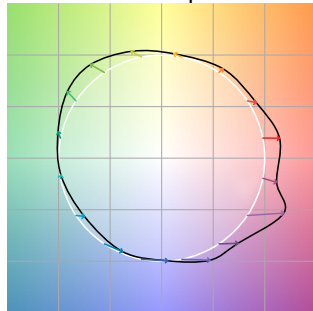
**Rf 78.8**  
Fidelity Index  
(Rg)

**Rg 114.9**  
Gammut Index (Rg)

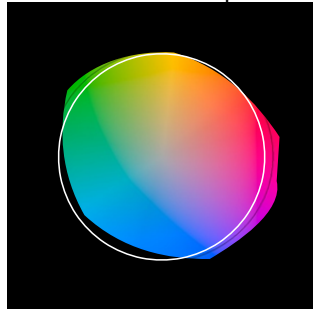
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	70	16%	-3%
2	83	6%	-6%
3	90	5%	-1%
4	86	2%	8%
5	80	7%	9%
6	77	14%	7%
7	81	12%	-3%
8	81	4%	-5%
9	93	-1%	-3%
10	88	-6%	5%
11	63	-4%	19%
12	68	-4%	25%
13	68	6%	26%
14	71	10%	16%
15	63	28%	21%
16	74	14%	-1%



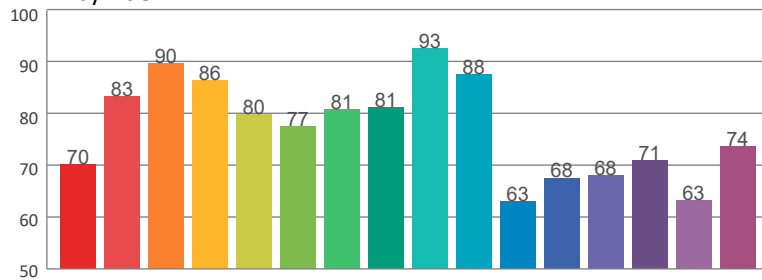
Color Vector Graphic



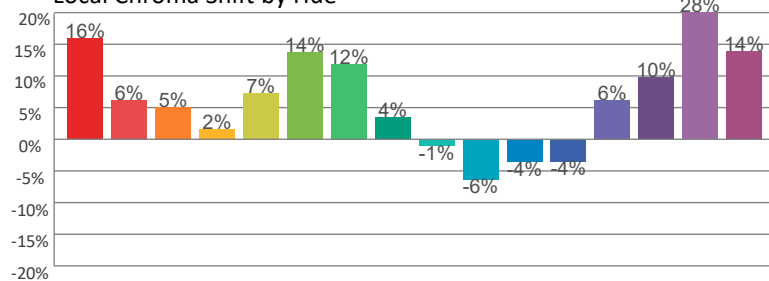
Color Distortion Graphic



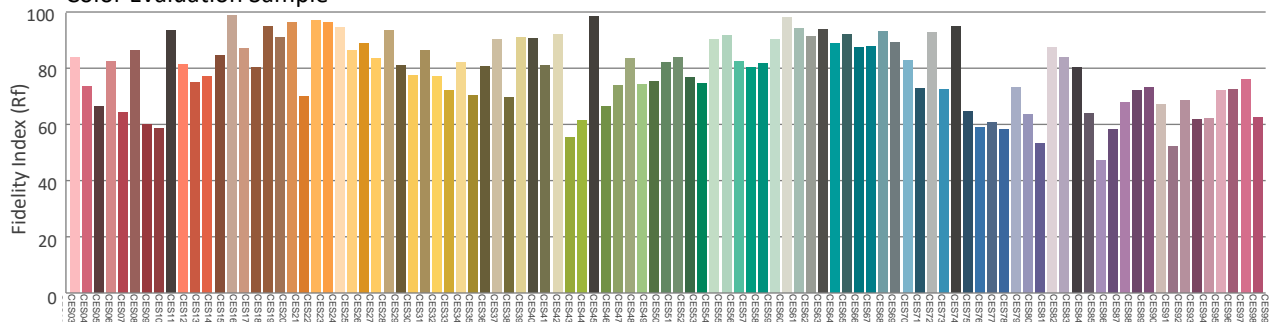
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 8618 lm  
Fixture Peak: 166263 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 6651 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.8°  
Field Angle (10%): 18.9°  
Cutoff Angle (3%): 21.2°

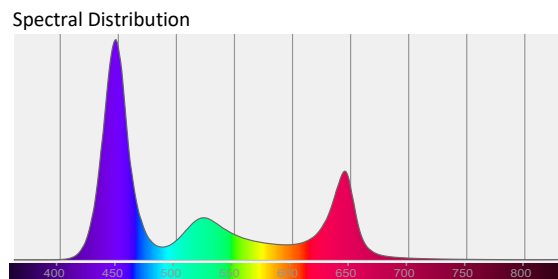
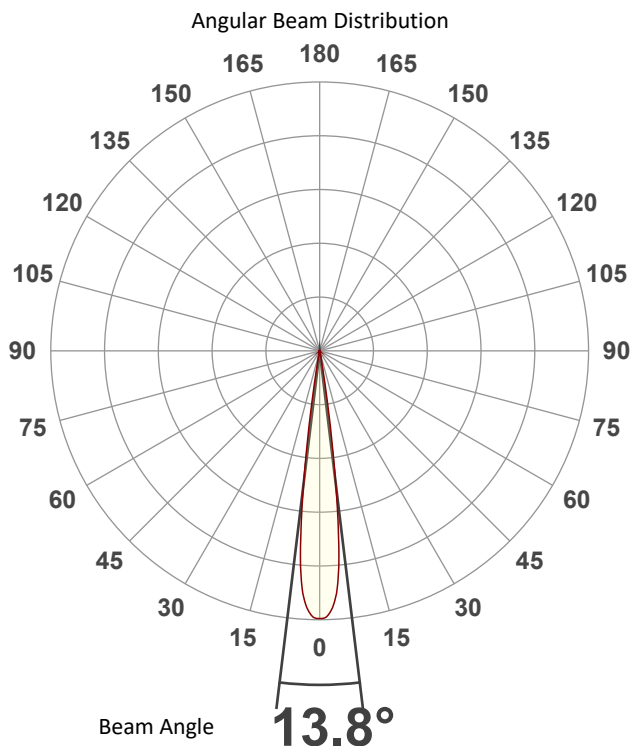


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.241

Y: 0.171



Light Quality

CRI: 0.0

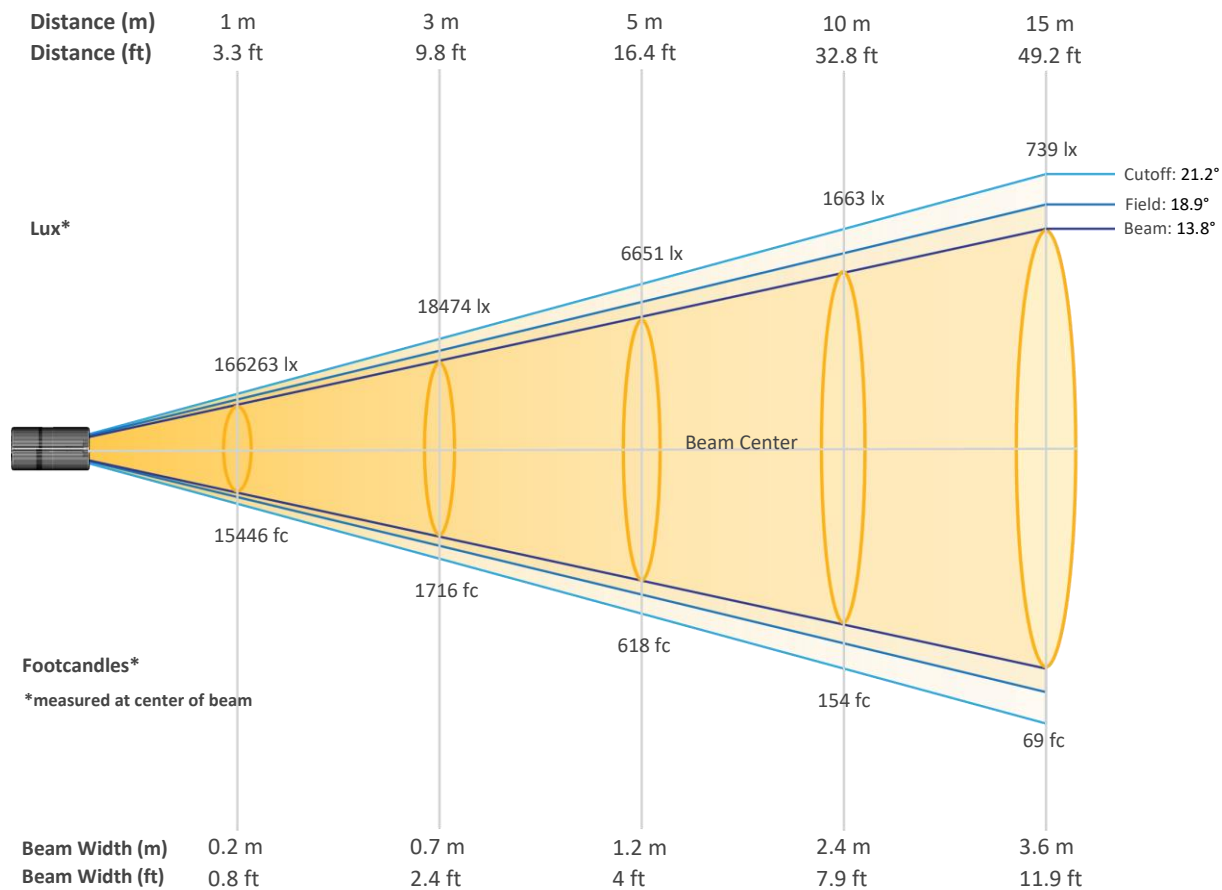
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to ECO

## Beam Details



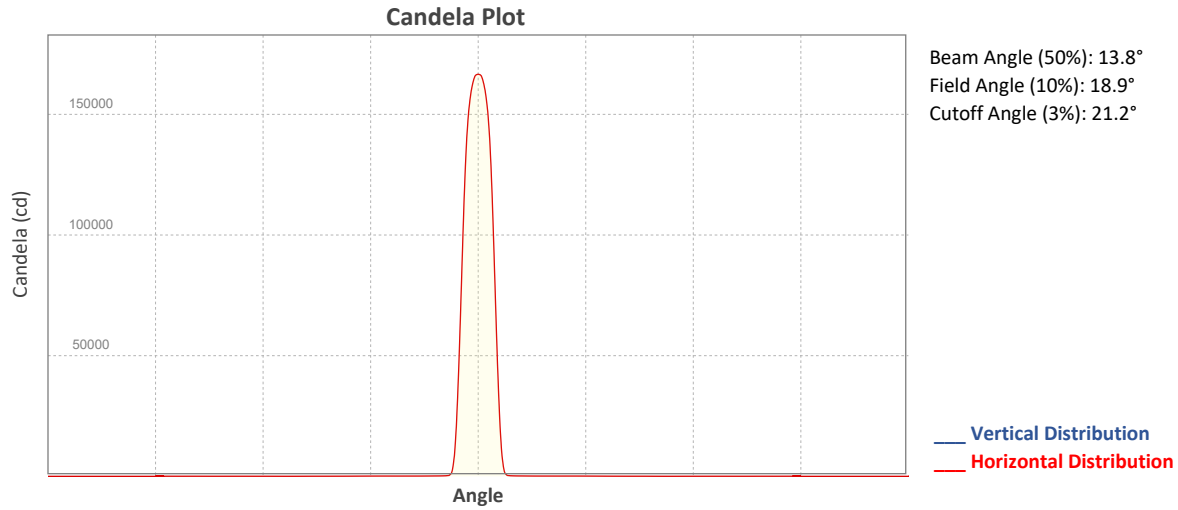
## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	166263	41566	18474	10391	6651	4618	3393	2598	2053	1663
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1374	1155	984	848	739	649	575	513	461	416
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15446	3862	1716	965	618	429	315	241	191	154
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	128	107	91	79	69	60	53	48	43	39

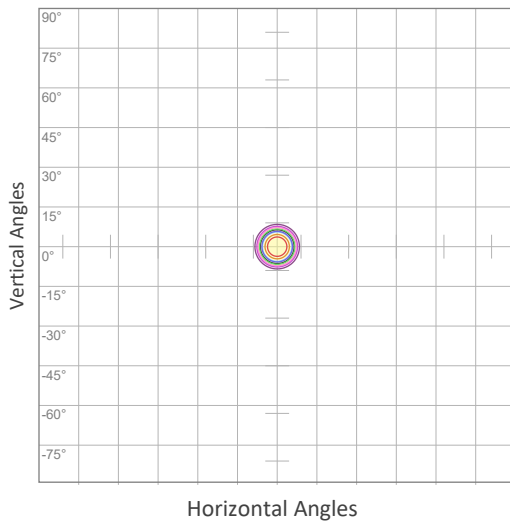


# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to ECO



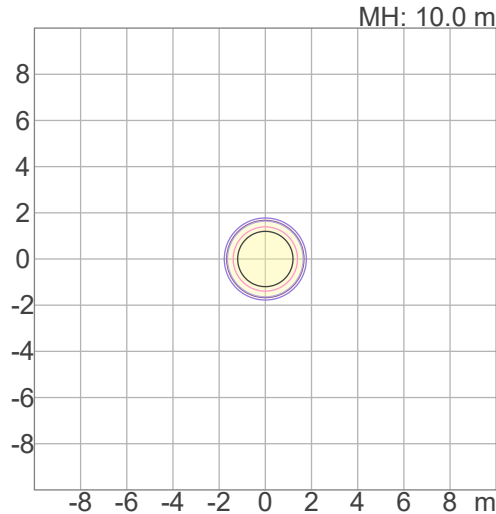
## ISO Diagrams



**ISO Candela Diagram**

	10%	16626 cd
	20%	33253 cd
	30%	49879 cd
	40%	66505 cd
	50%	83131 cd
	60%	99758 cd
	70%	116384 cd
	80%	133010 cd
	90%	149636 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 166263 cd



**ISO Lux Diagram**

	3%	49.9 lx
	5%	83.1 lx
	10%	166 lx
	30%	499 lx
	50%	831 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 1663 lx

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

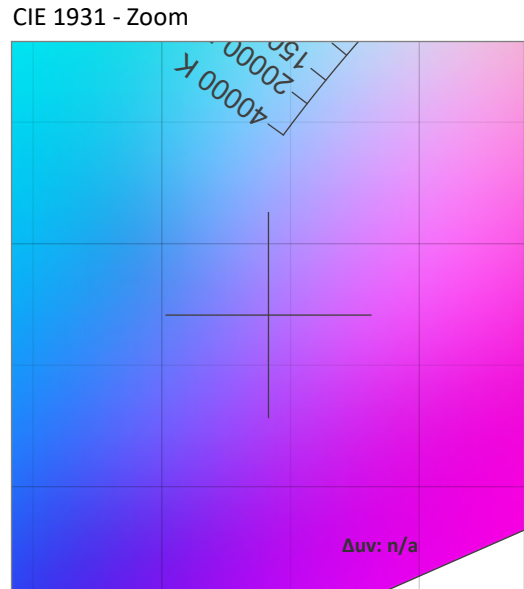
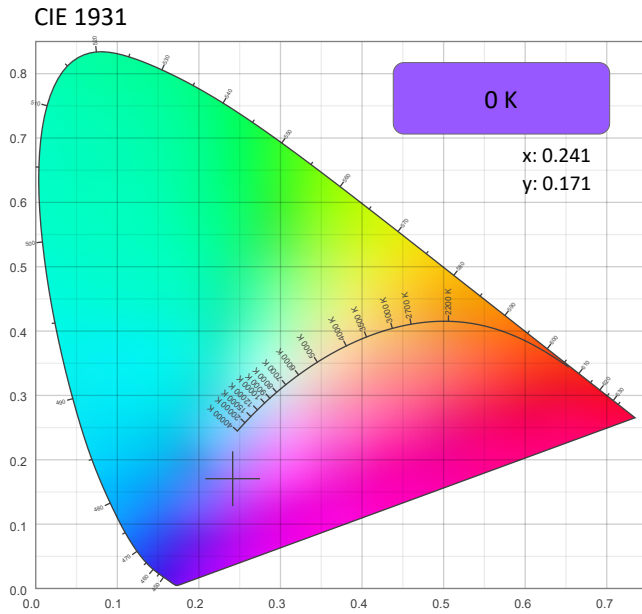
Mounting height: 10 meters / 33 feet



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to ECO

## 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	0.241	0.171

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.171	0.212

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

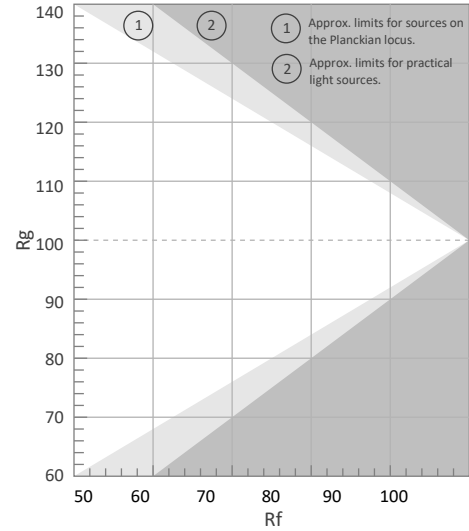
Maverick Storm 2 BeamWash: 50% Zoom - Full Power - Calibration Off - Fan set to ECO

## TM-30 Details

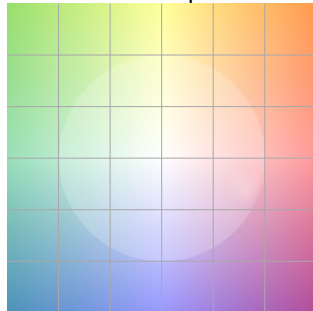
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

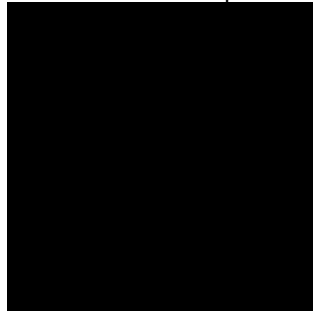
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



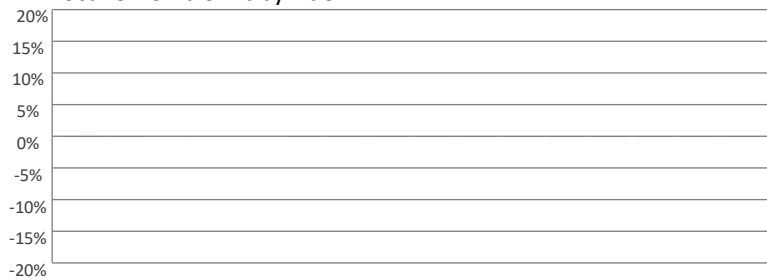
Color Distortion Graphic



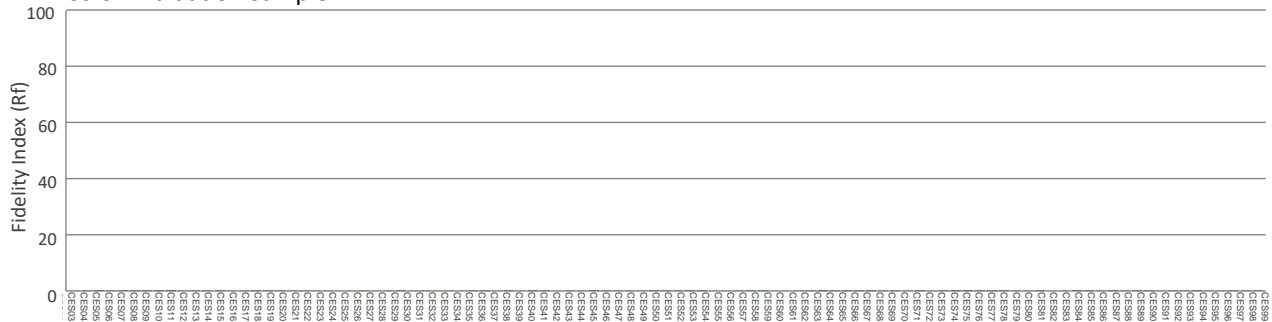
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 1929 lm  
Fixture Peak: 34957 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1398 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 14°  
Field Angle (10%): 19°  
Cutoff Angle (3%): 21.2°

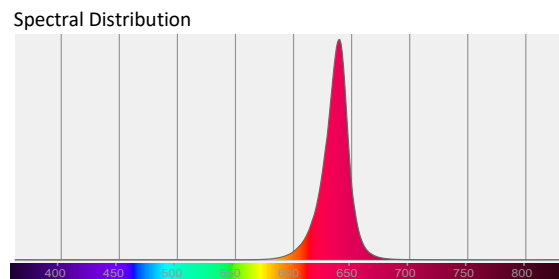
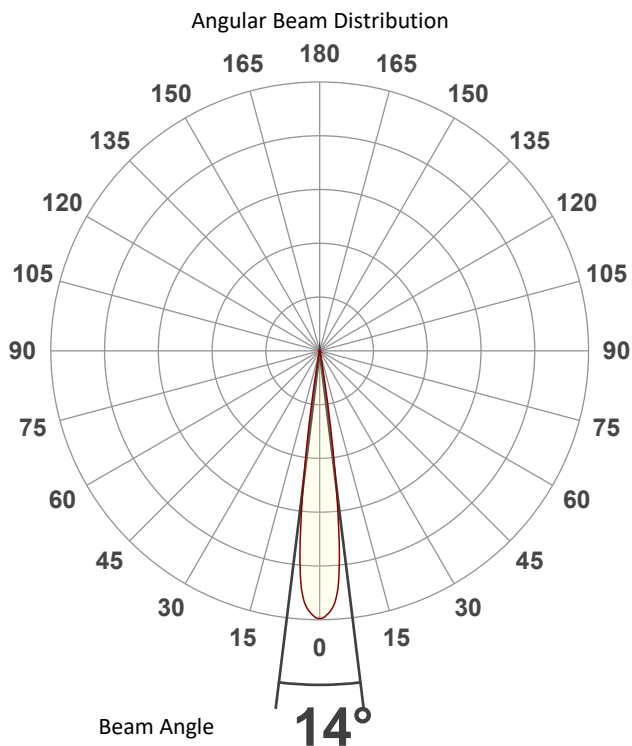


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.701

Y: 0.298



Light Quality

CRI: 0.0

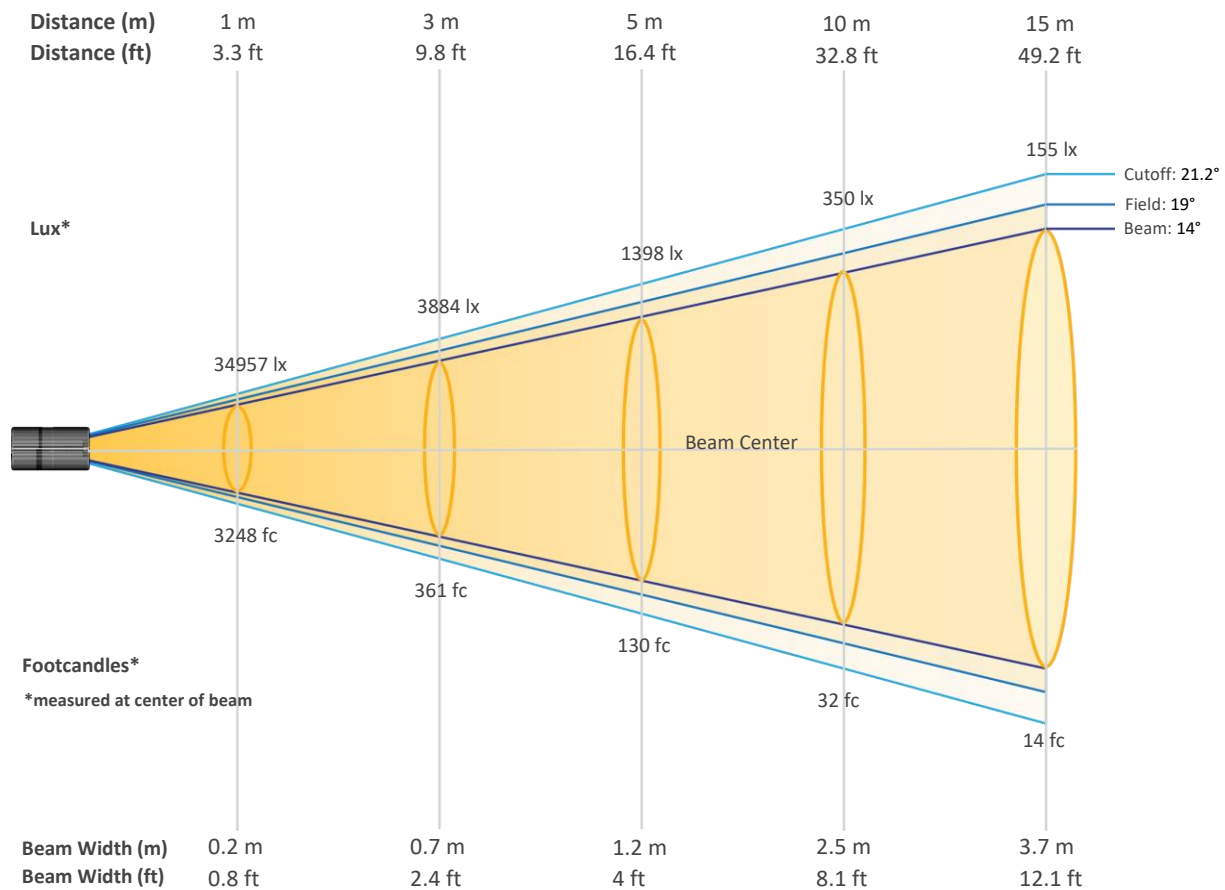
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Full

## Beam Details

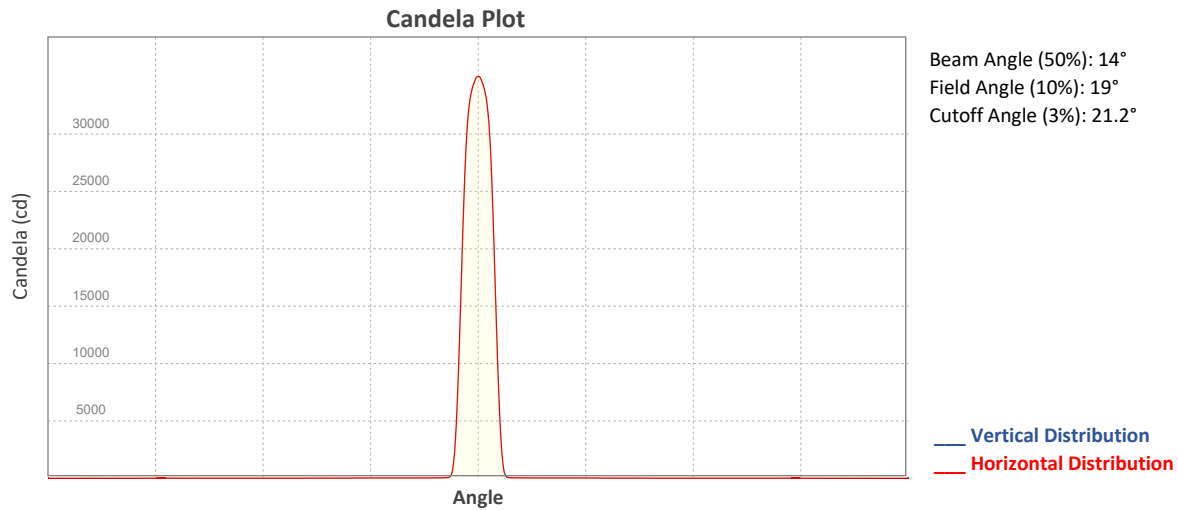


### Beam Intensities from 1-20m (3.3-65.6ft)

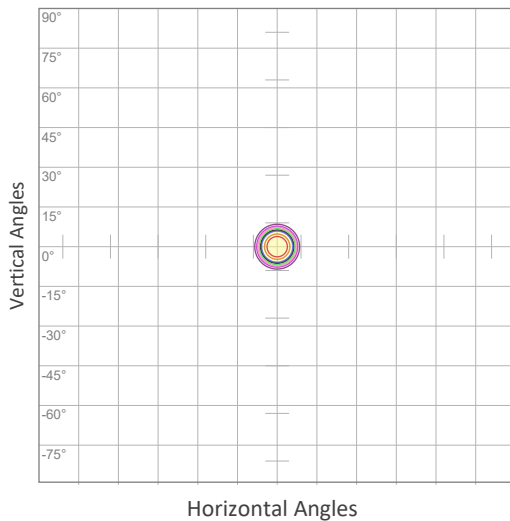
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34957	8739	3884	2185	1398	971	713	546	432	350
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	289	243	207	178	155	137	121	108	97	87
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3248	812	361	203	130	90	66	51	40	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	19	17	14	13	11	10	9	8

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Full



## ISO Diagrams

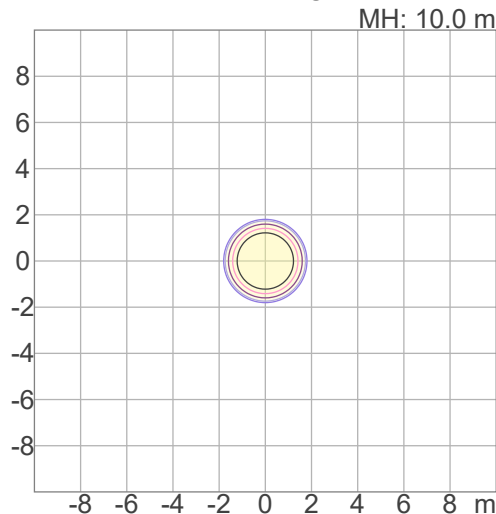


**ISO Candela Diagram**

10%	3496 cd
20%	6991 cd
30%	10487 cd
40%	13983 cd
50%	17478 cd
60%	20974 cd
70%	24470 cd
80%	27966 cd
90%	31461 cd

**Conditions:**

Number of c-planes: 2  
 Candela at center: 34957 cd



**ISO Lux Diagram**

3%	10.5 lx
5%	17.5 lx
10%	35.0 lx
30%	105 lx
50%	175 lx

**Conditions:**

Number of c-planes: 2  
 Candela at center: 350 lx

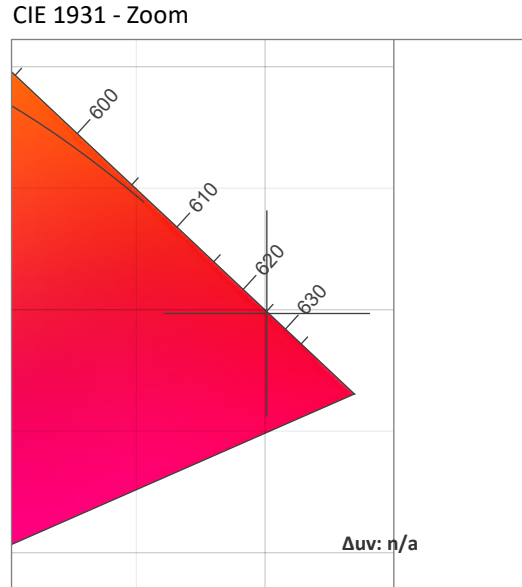
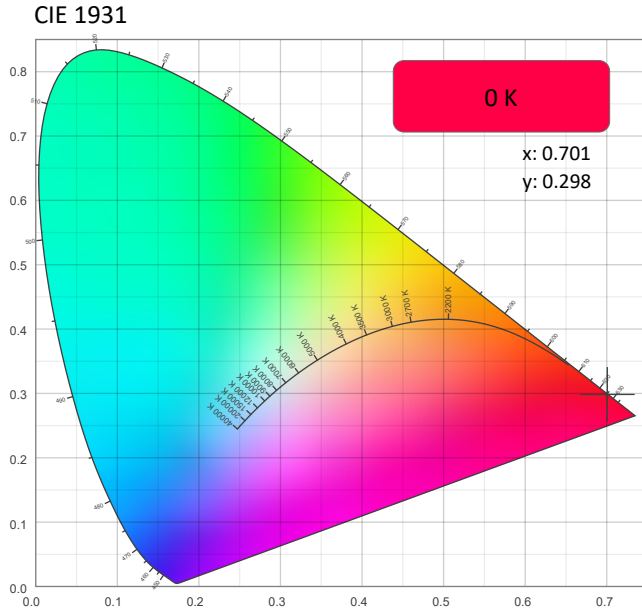
*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

Mounting height: 10 meters / 33 feet

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Full

## 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	0.701	0.298

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.298	0.541

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

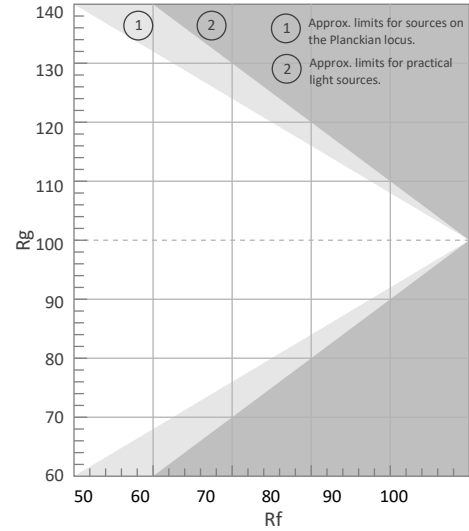
Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Full

## TM-30 Details

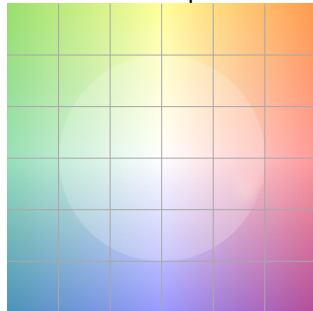
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

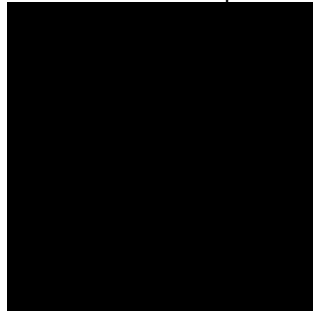
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



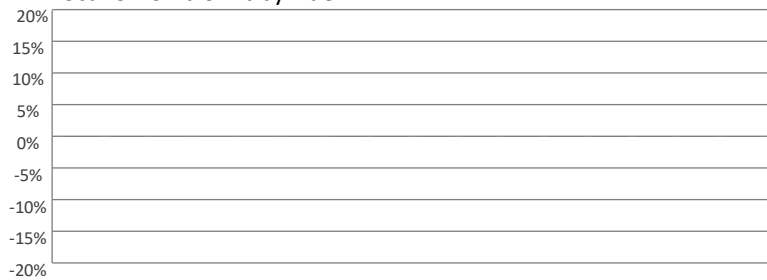
Color Distortion Graphic



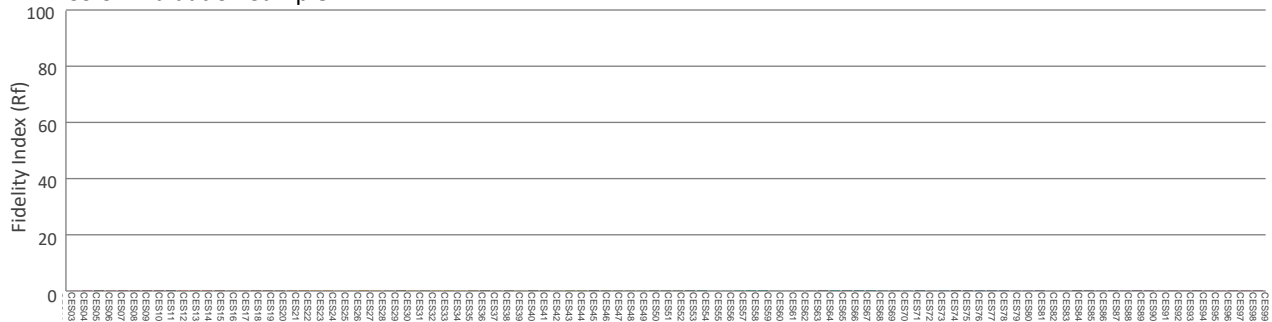
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample





# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Auto

## Report Summary

### Measurements

Fixture Output: 1929 lm  
Fixture Peak: 34957 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 1398 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 14°  
Field Angle (10%): 19°  
Cutoff Angle (3%): 21.2°

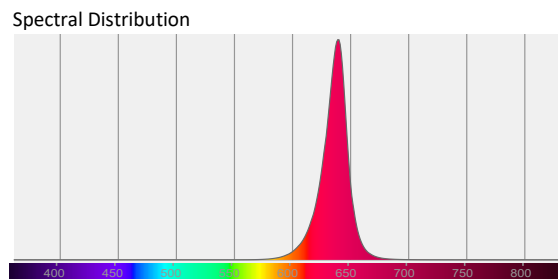
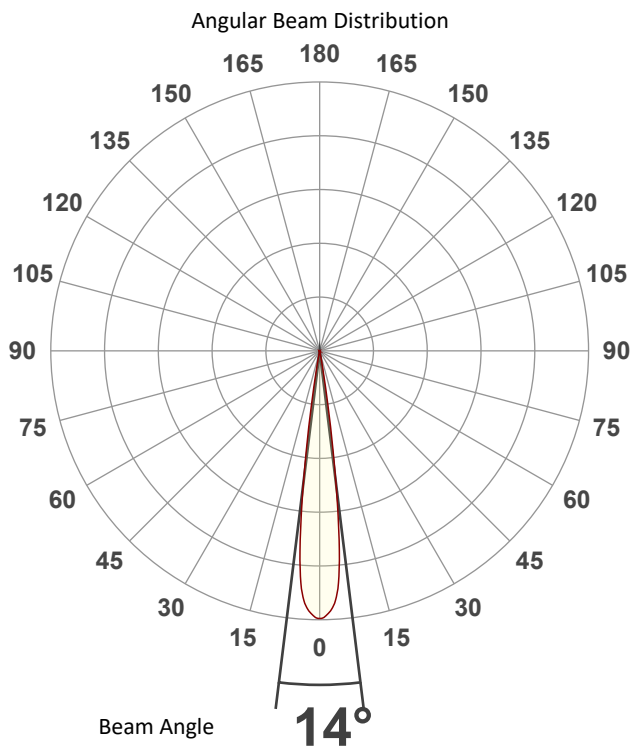


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.701

Y: 0.298



Light Quality

CRI: 0.0

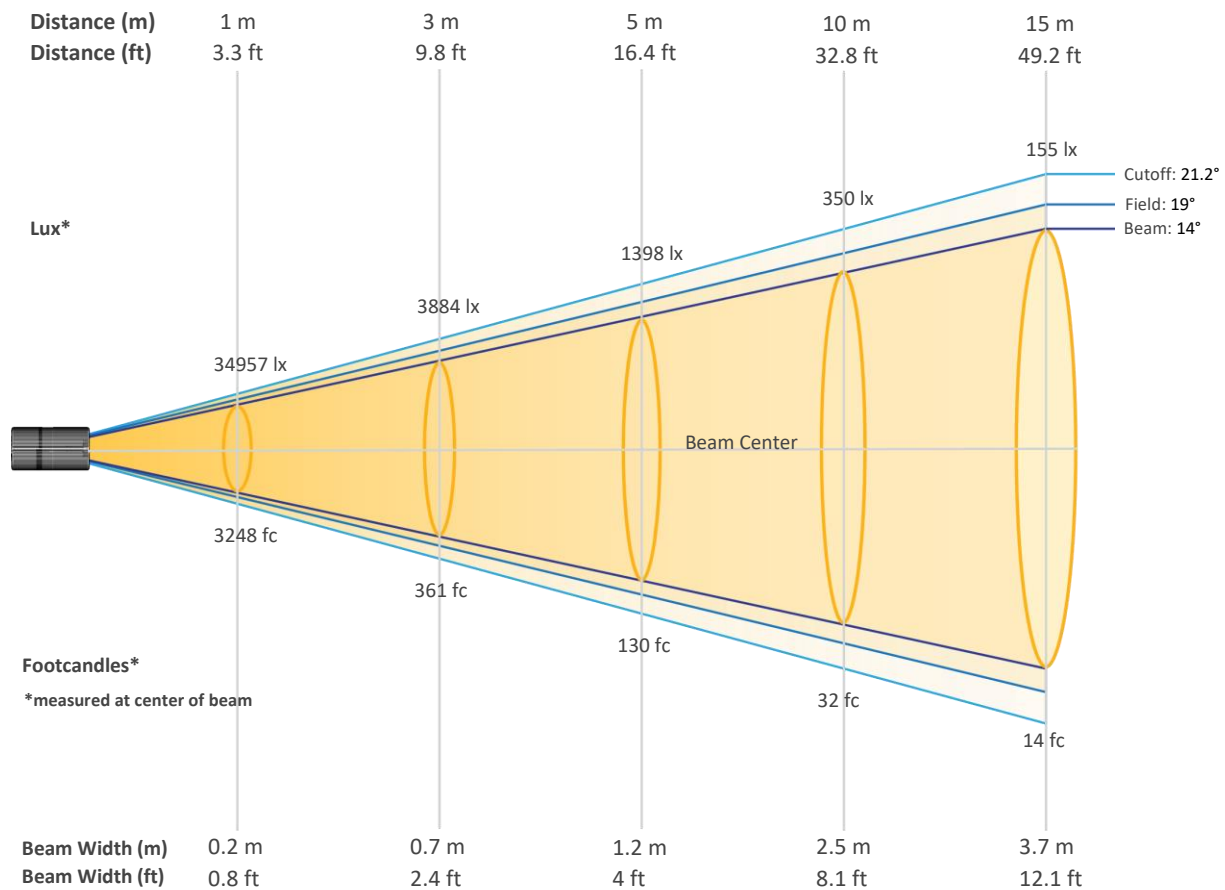
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Auto

## Beam Details

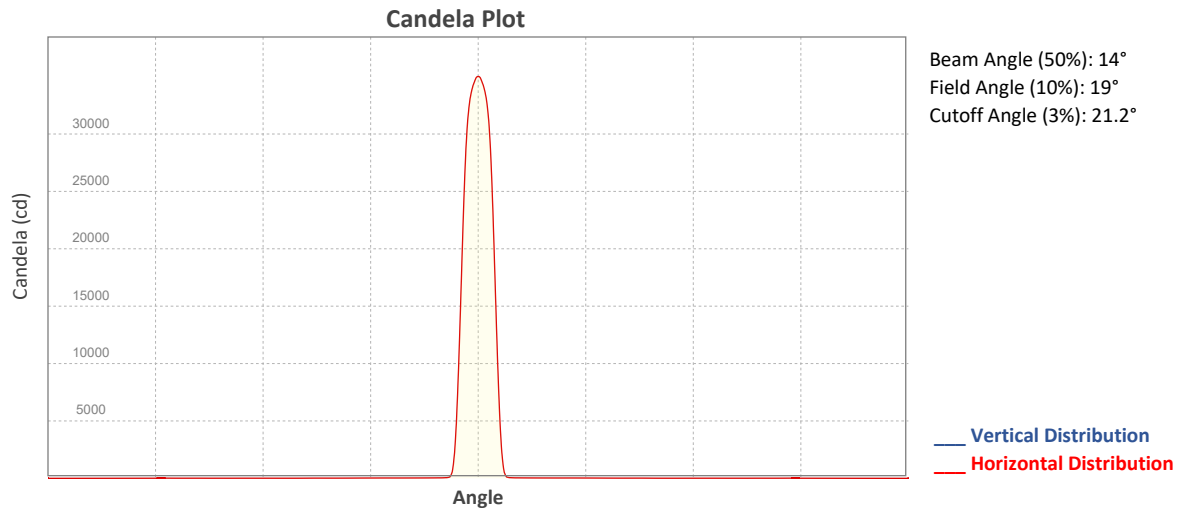


### Beam Intensities from 1-20m (3.3-65.6ft)

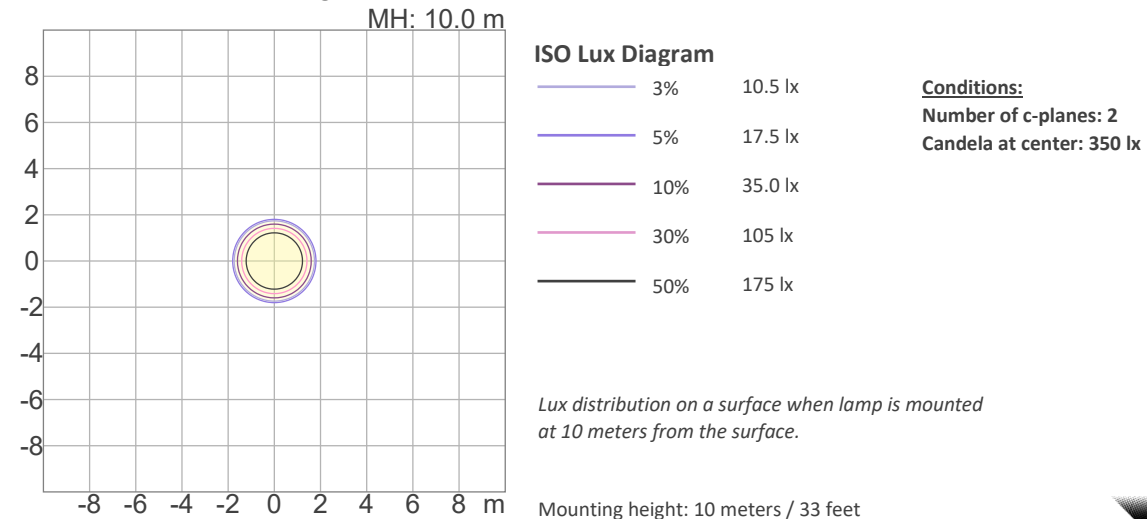
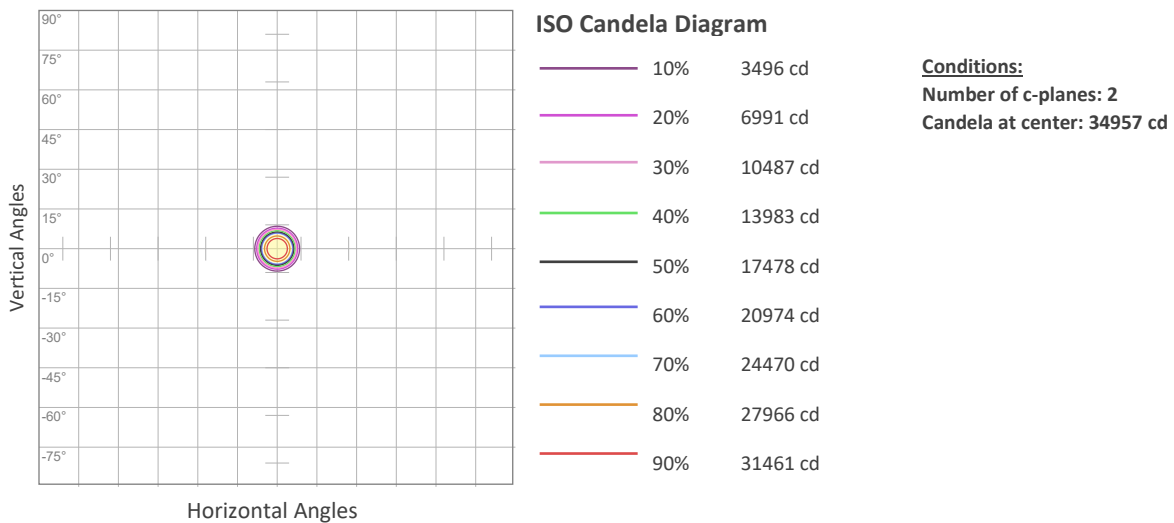
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34957	8739	3884	2185	1398	971	713	546	432	350
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	289	243	207	178	155	137	121	108	97	87
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3248	812	361	203	130	90	66	51	40	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	19	17	14	13	11	10	9	8

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Auto



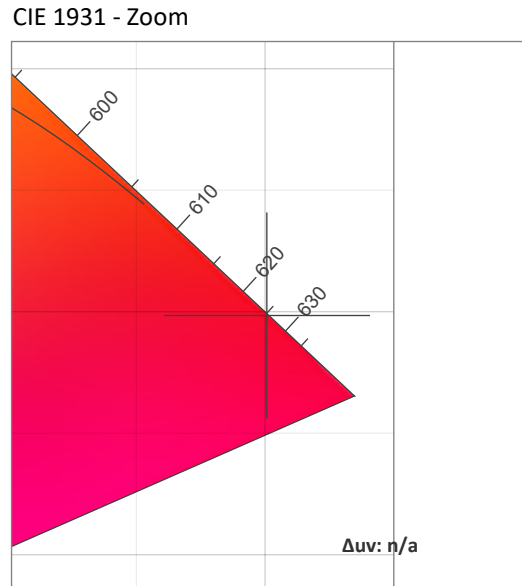
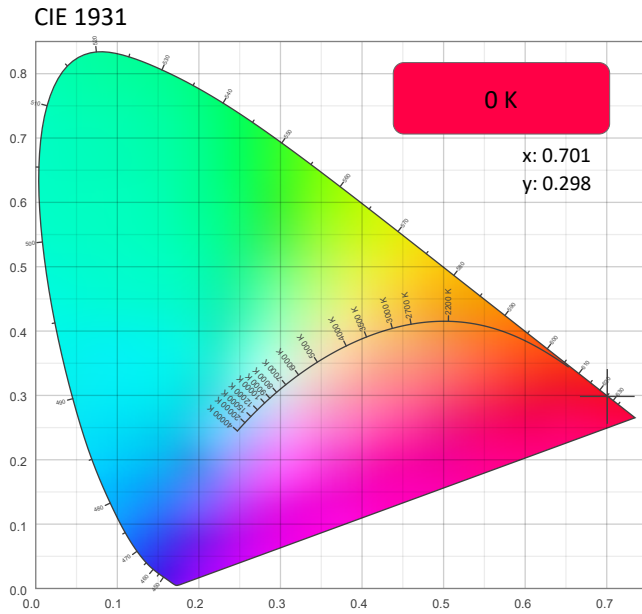
## ISO Diagrams



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Auto

## 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	0.701	0.298

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.298	0.541

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

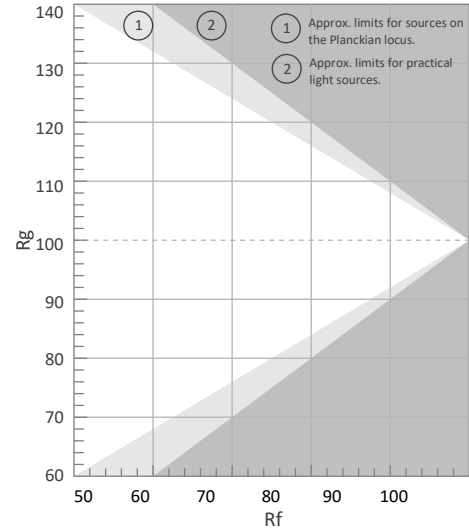
Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to Auto

## TM-30 Details

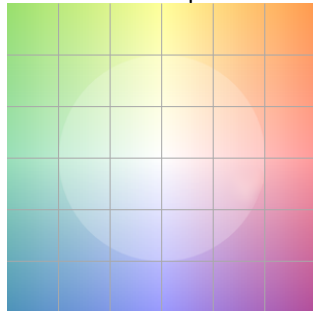
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

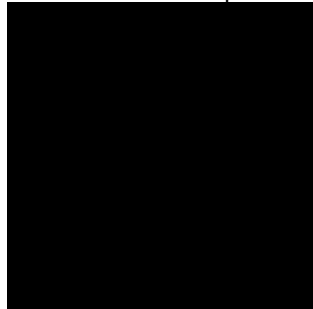
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



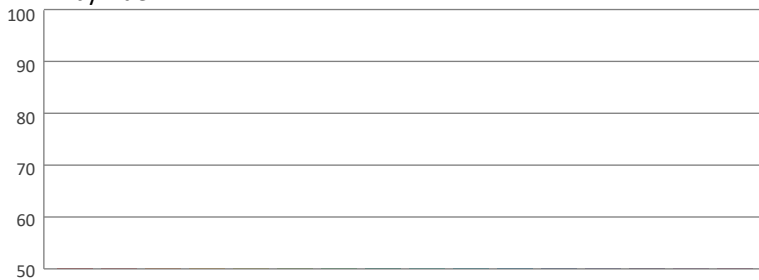
Color Vector Graphic



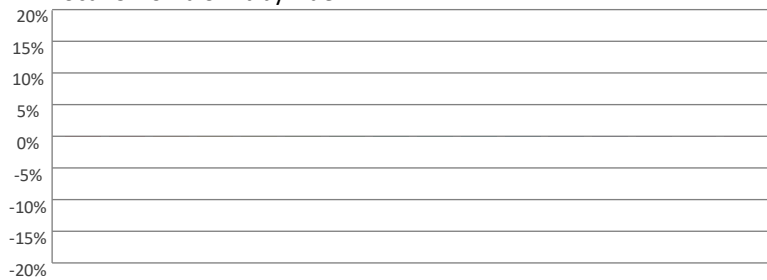
Color Distortion Graphic



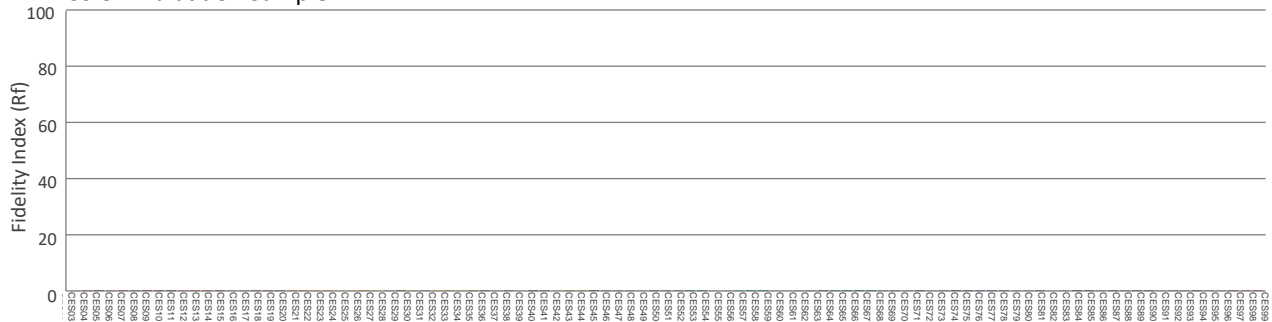
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 1872 lm

Fixture Peak: 33757 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 1350 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCl: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 14°

Field Angle (10%): 19.1°

Cutoff Angle (3%): 21.3°

### Conditions

AC Supply: 119 V, 60 Hz

Power: n/a W

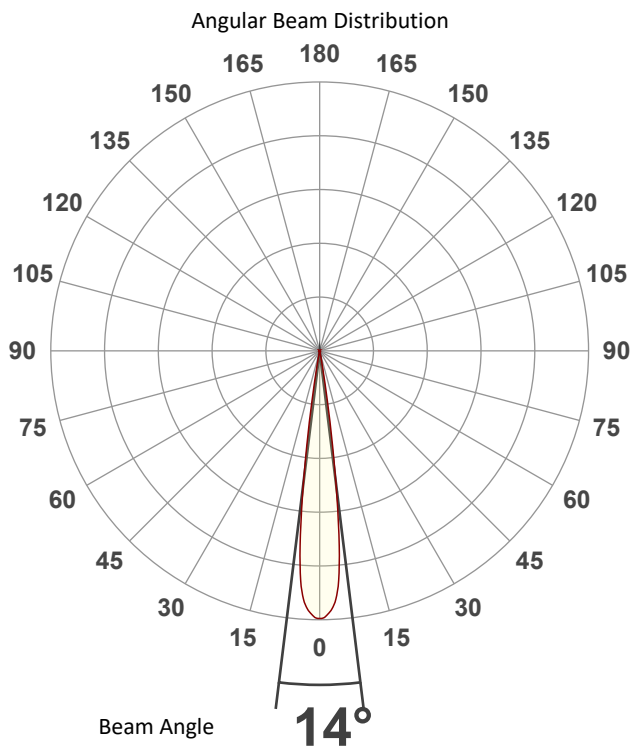
Current: 0.000 A

Power Factor: n/a

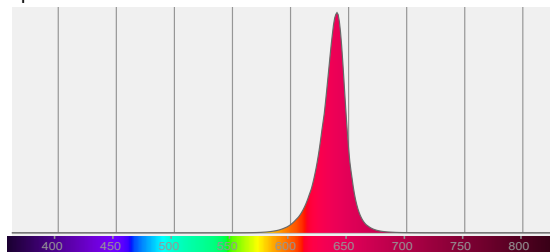


This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.701

Y: 0.298



Light Quality

CRI: 0.0

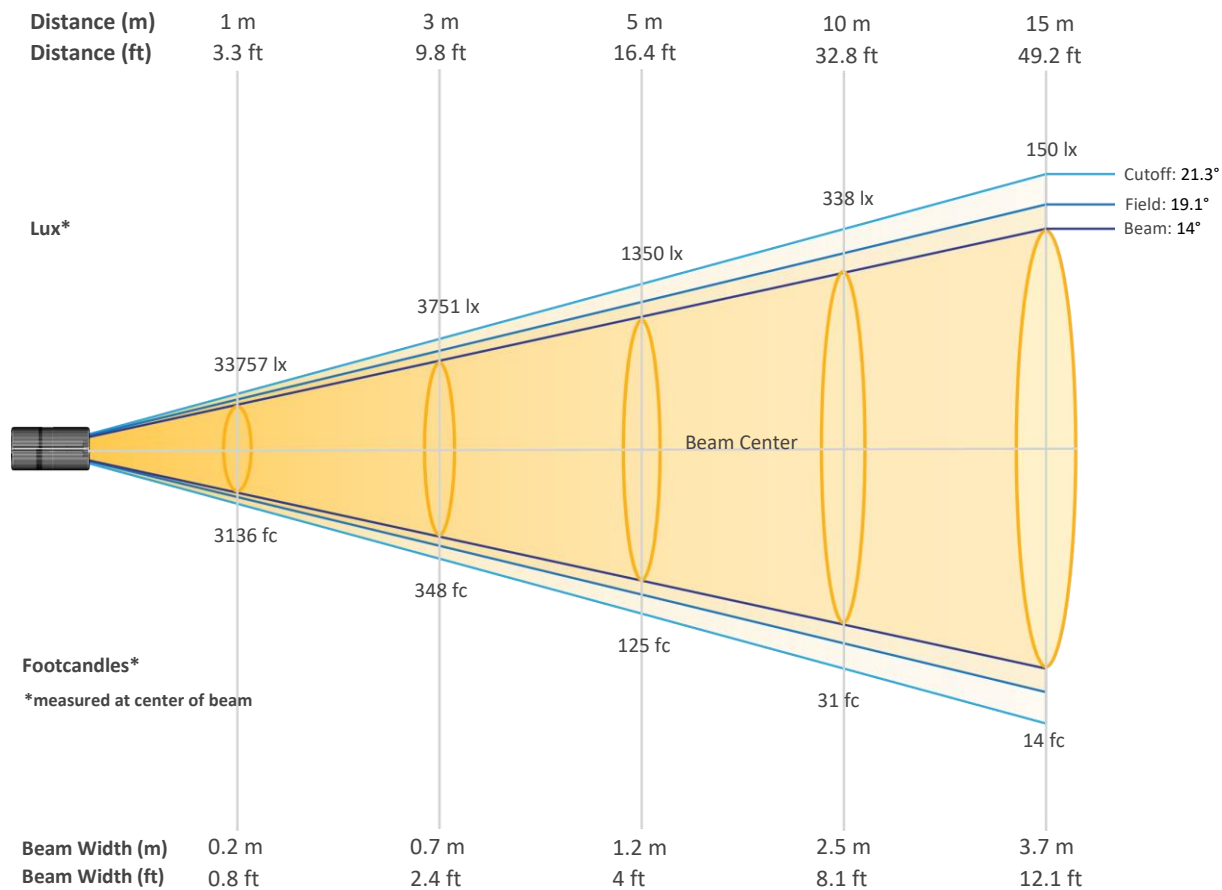
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to ECO

## Beam Details

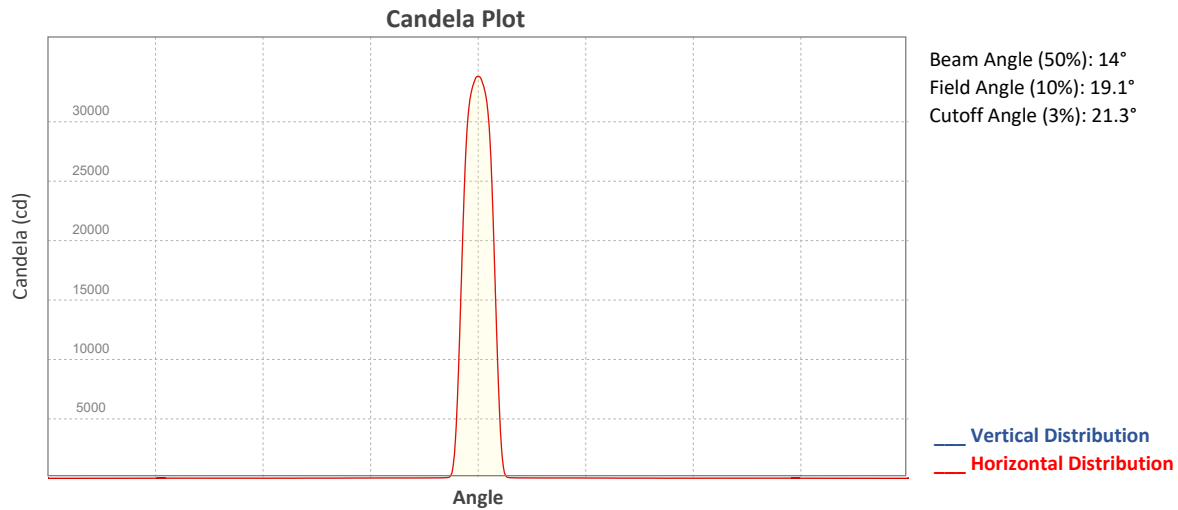


### Beam Intensities from 1-20m (3.3-65.6ft)

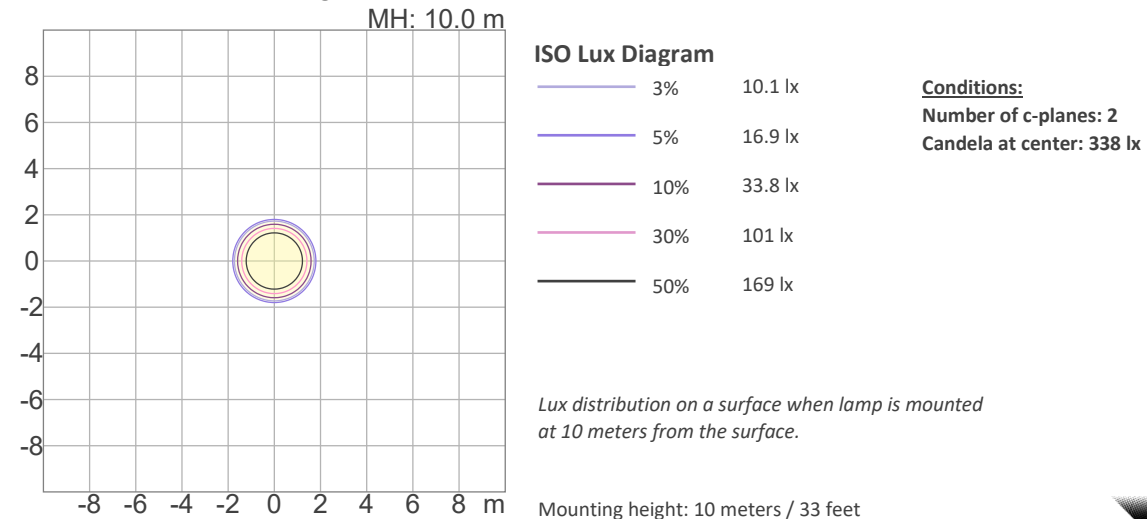
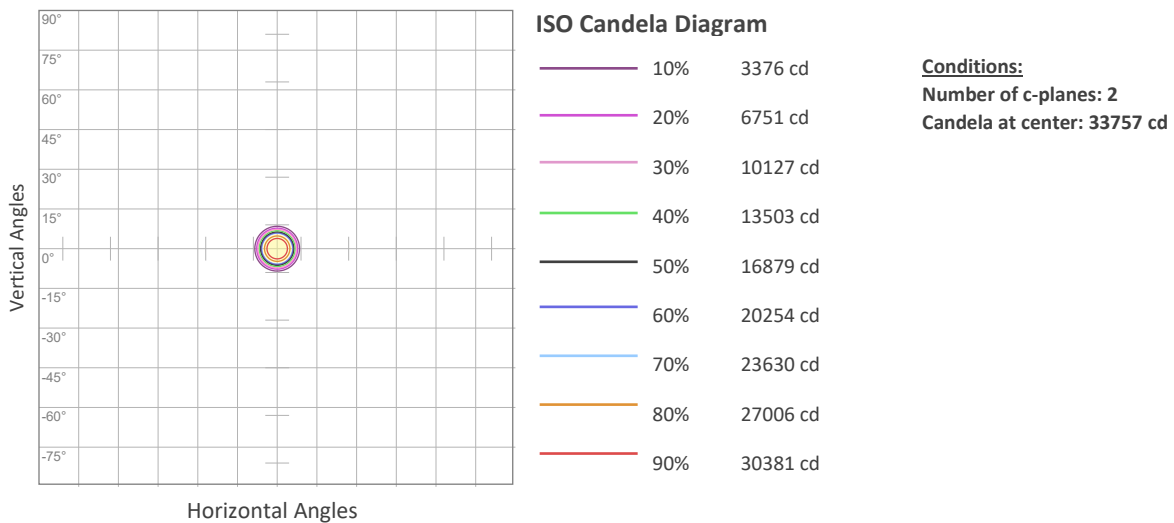
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33757	8439	3751	2110	1350	938	689	527	417	338
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	279	234	200	172	150	132	117	104	94	84
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3136	784	348	196	125	87	64	49	39	31
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to ECO



## ISO Diagrams

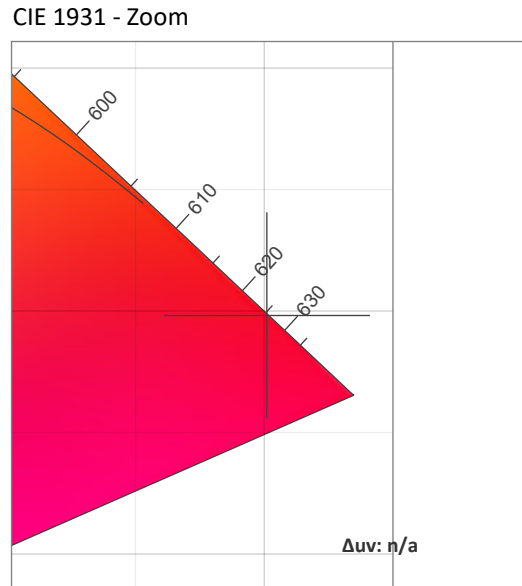
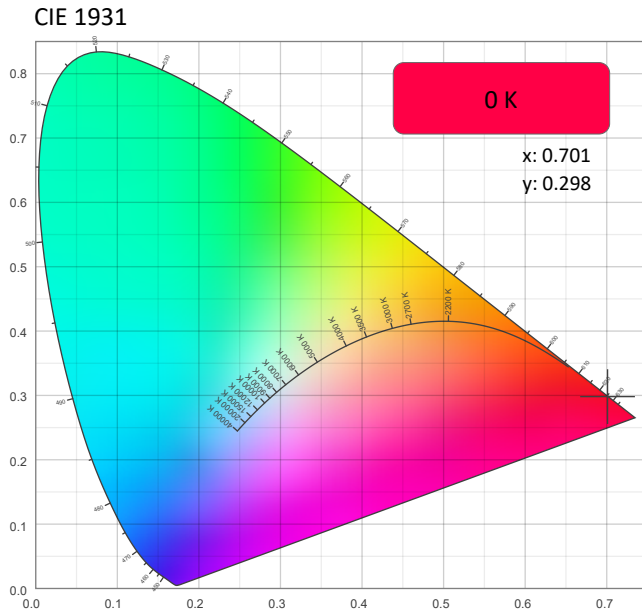




# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to ECO

## 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	0.701	0.298

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.298	0.542

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

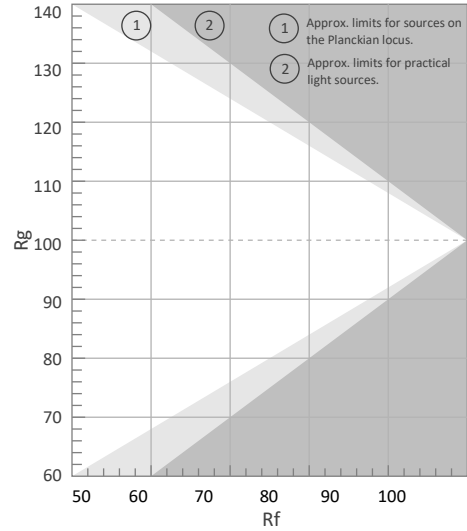
Maverick Storm 2 BeamWash: 50% Zoom - Red Only - Calibration Off - Fan set to ECO

## TM-30 Details

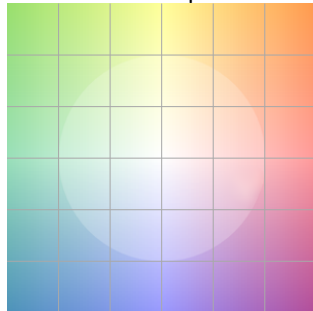
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

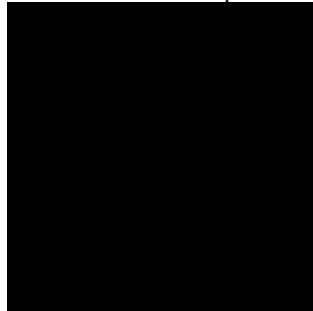
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



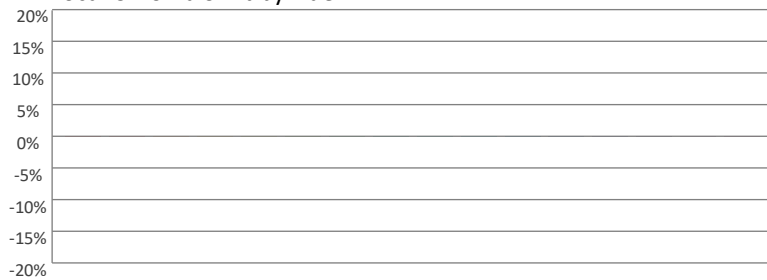
Color Distortion Graphic



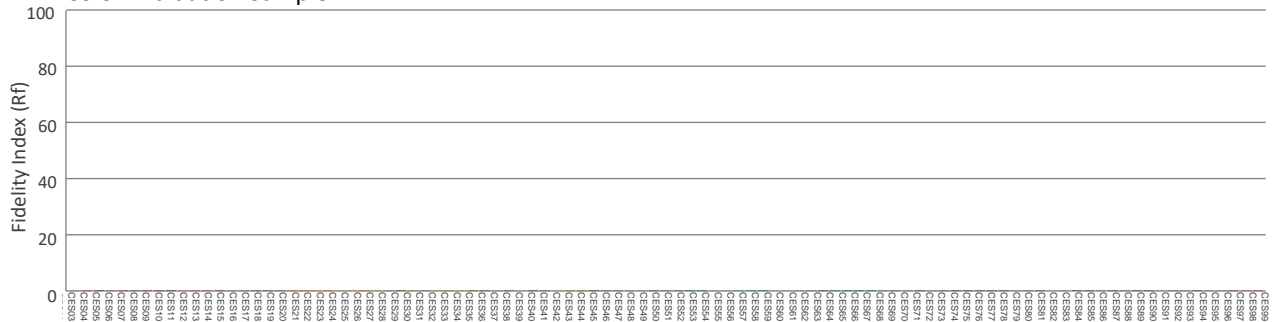
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 2922 lm  
Fixture Peak: 56593 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2264 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.6°  
Field Angle (10%): 18.8°  
Cutoff Angle (3%): 21.1°

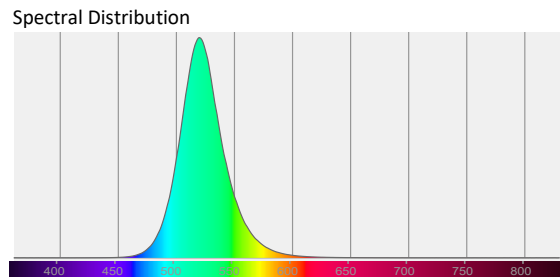
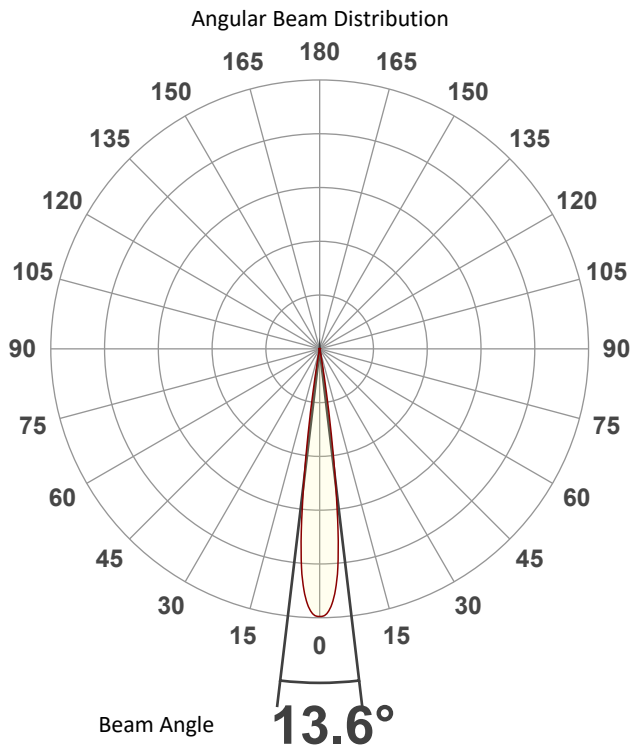


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.167

Y: 0.703



Light Quality

CRI: 0.0

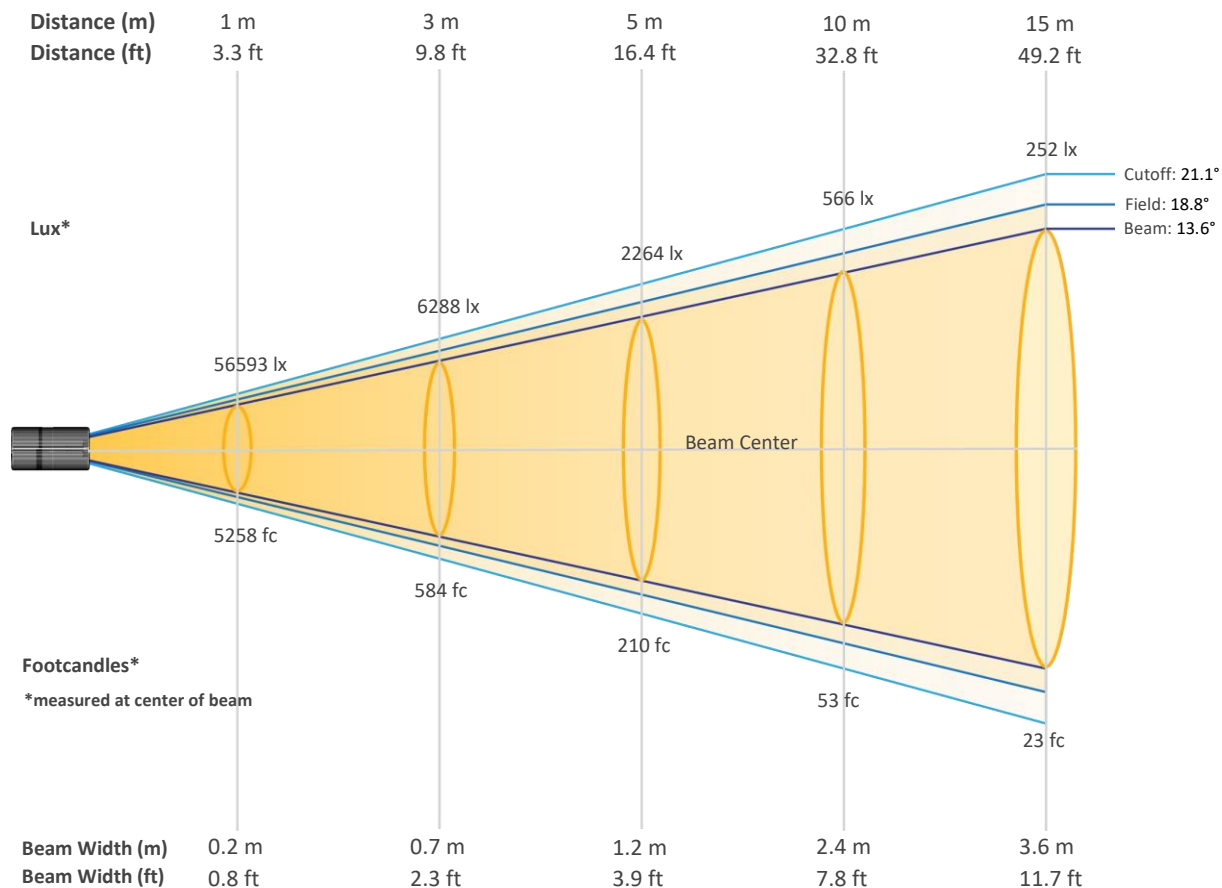
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Full

## Beam Details

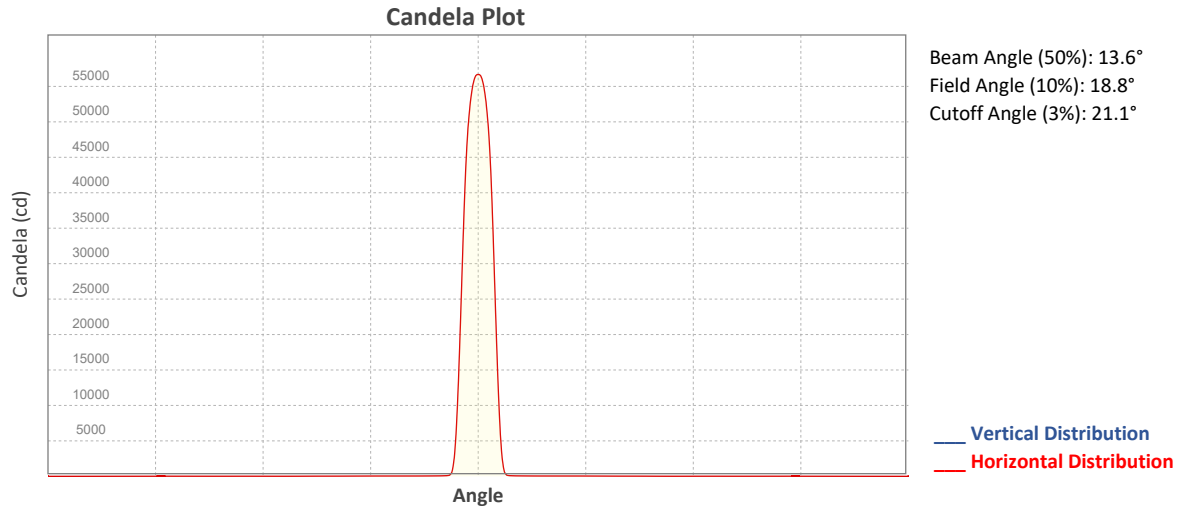


### Beam Intensities from 1-20m (3.3-65.6ft)

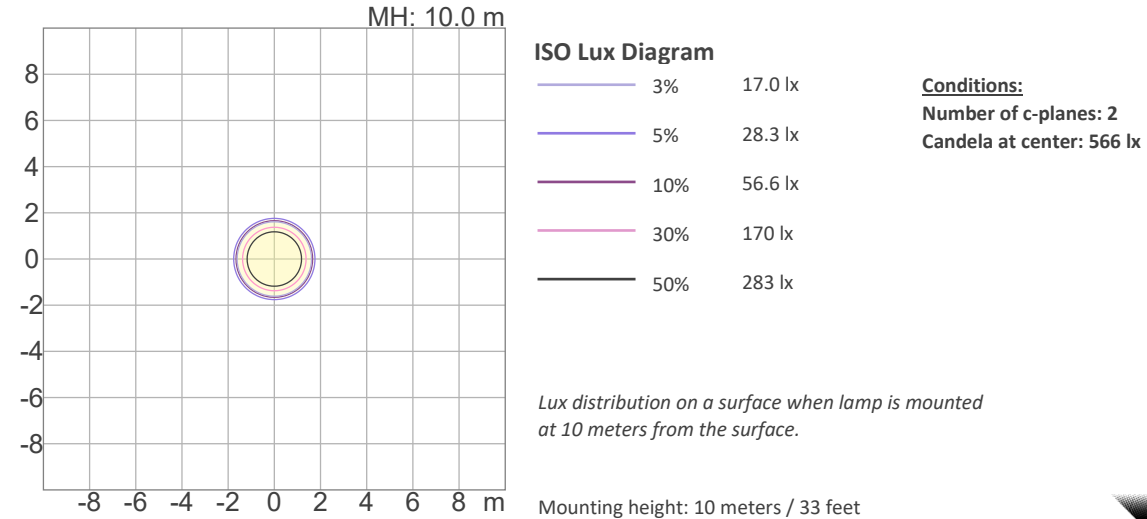
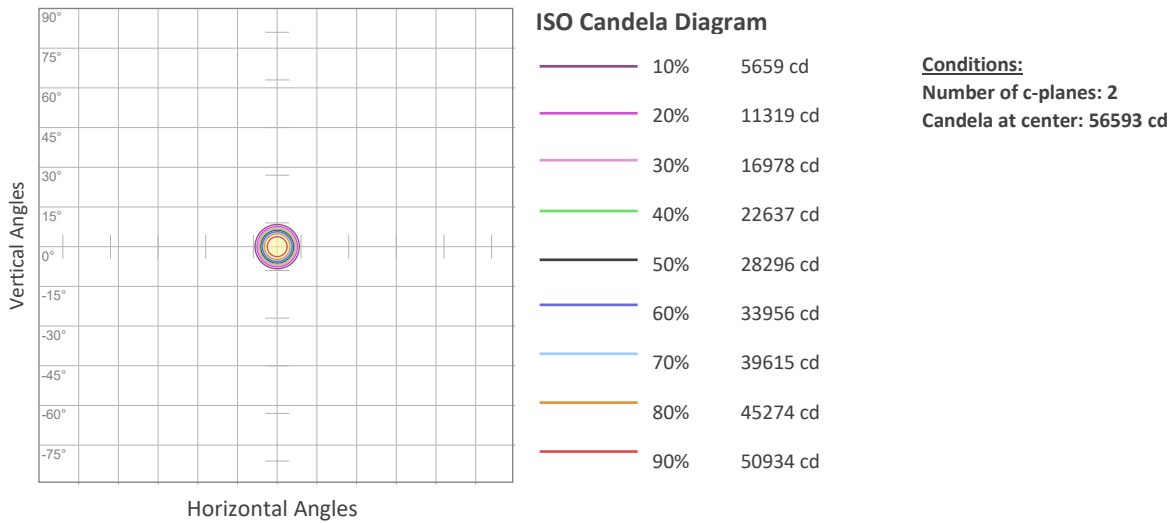
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	56593	14148	6288	3537	2264	1572	1155	884	699	566
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	468	393	335	289	252	221	196	175	157	141
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5258	1314	584	329	210	146	107	82	65	53
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	43	37	31	27	23	21	18	16	15	13

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Full



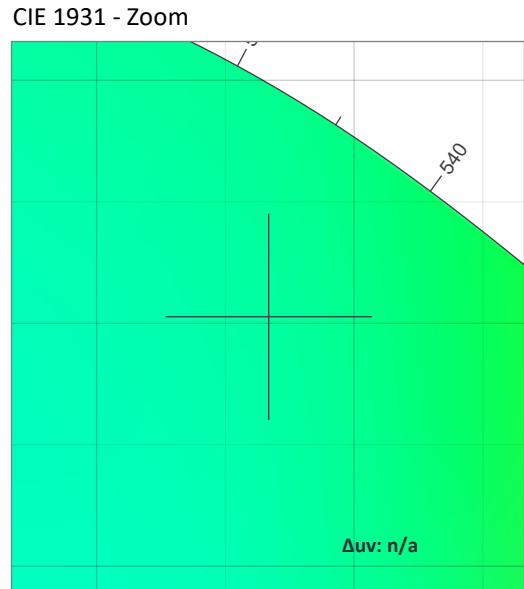
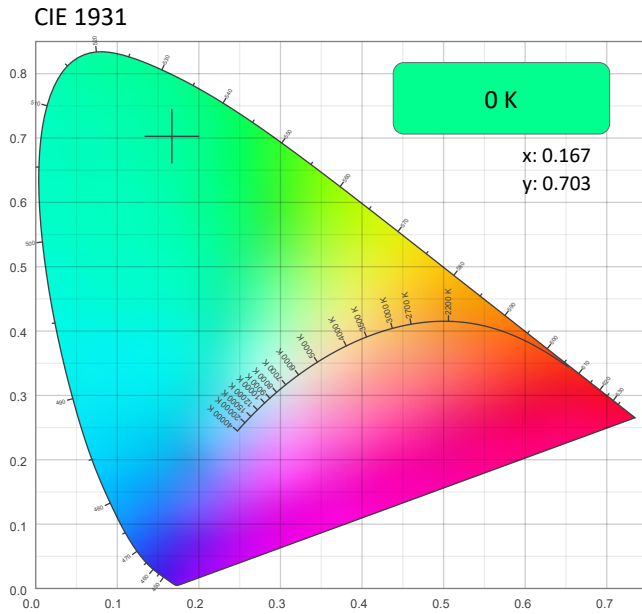
## ISO Diagrams



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Full

## 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	0.167	0.703

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.703	0.060

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

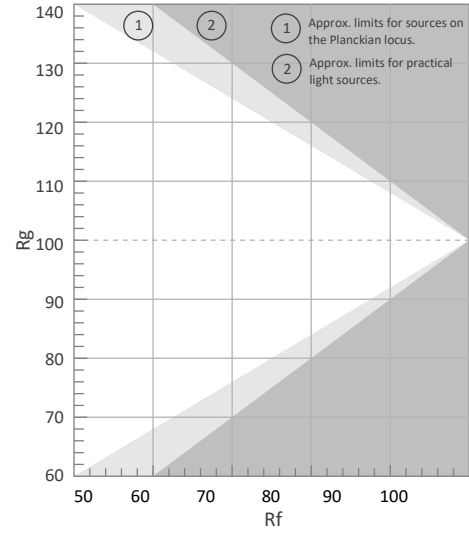
Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Full

## TM-30 Details

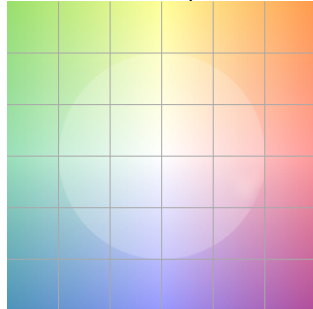
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

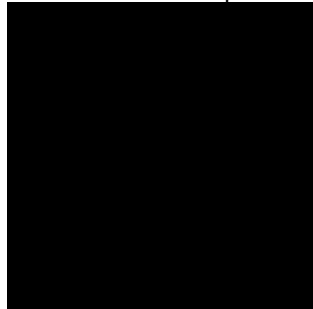
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



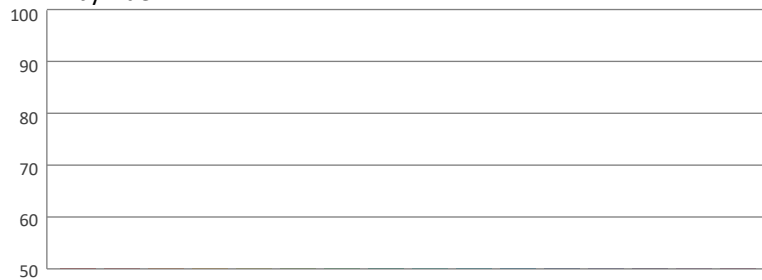
Color Vector Graphic



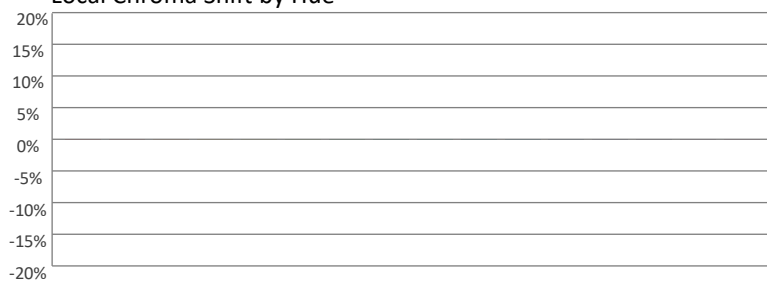
Color Distortion Graphic



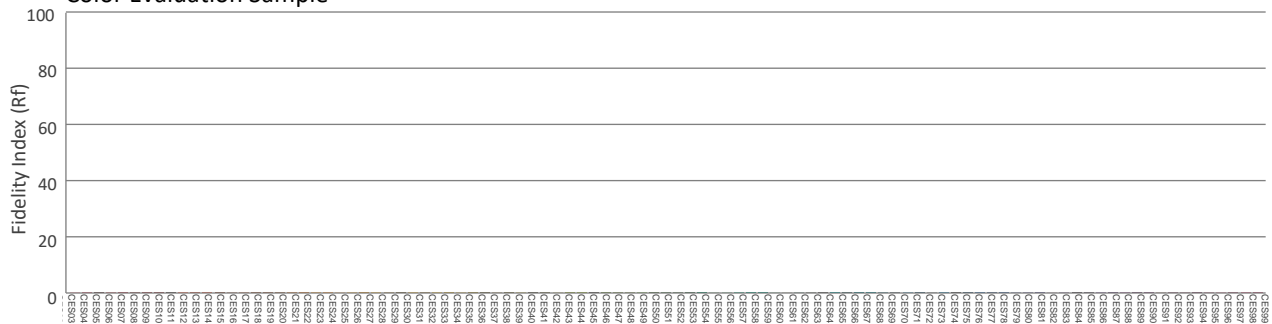
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Auto

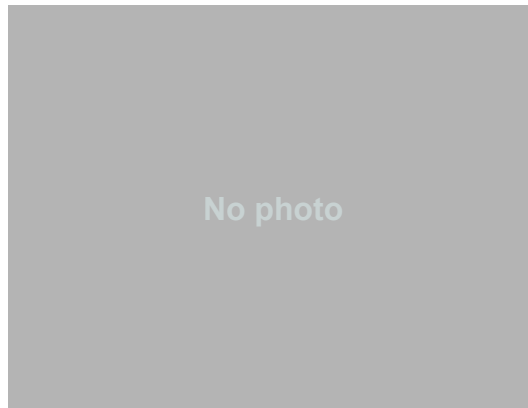
## Report Summary

### Measurements

Fixture Output: 2895 lm  
Fixture Peak: 56514 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2261 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.6°  
Field Angle (10%): 18.7°  
Cutoff Angle (3%): 20.9°

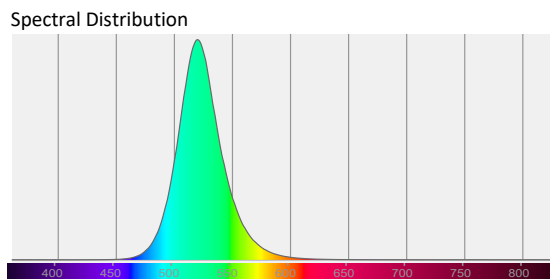
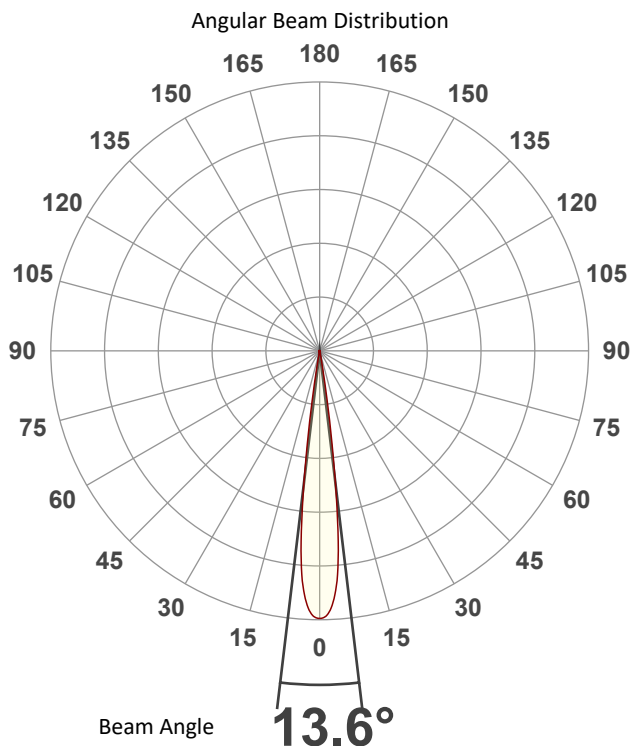
### Conditions

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



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.167

Y: 0.702



Light Quality

CRI: 0.0

Color Temperature

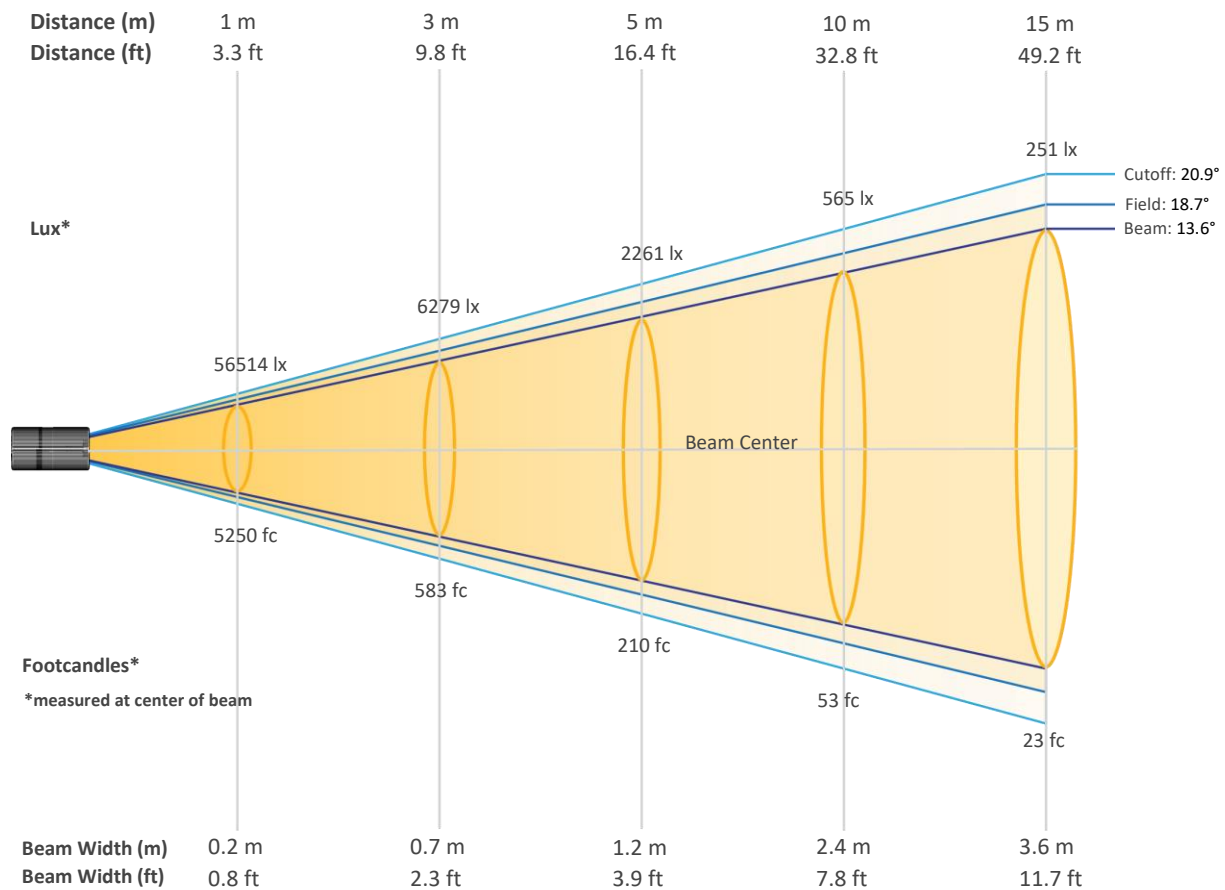
0 K



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Auto

## Beam Details

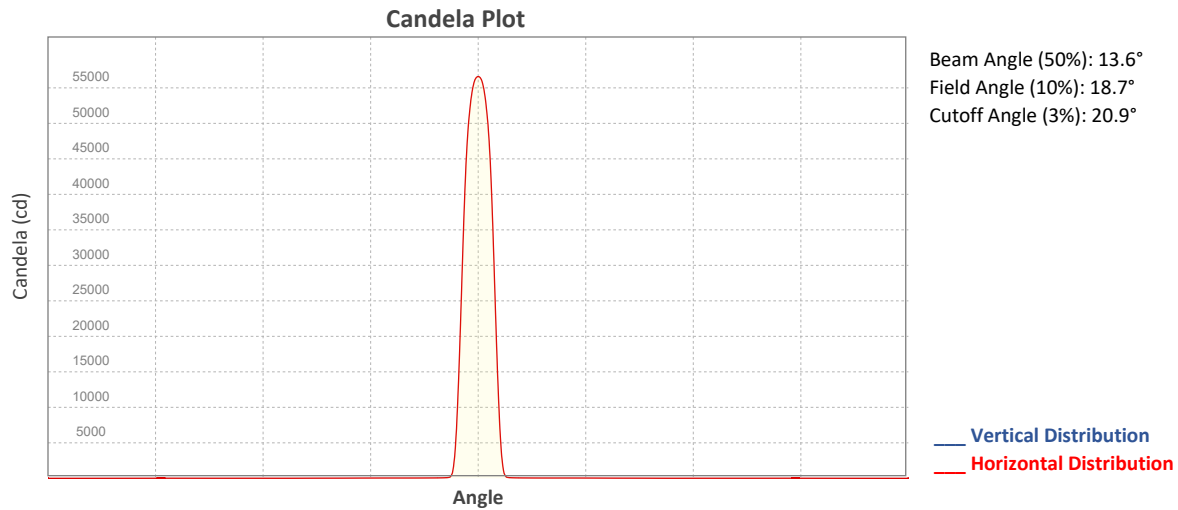


### Beam Intensities from 1-20m (3.3-65.6ft)

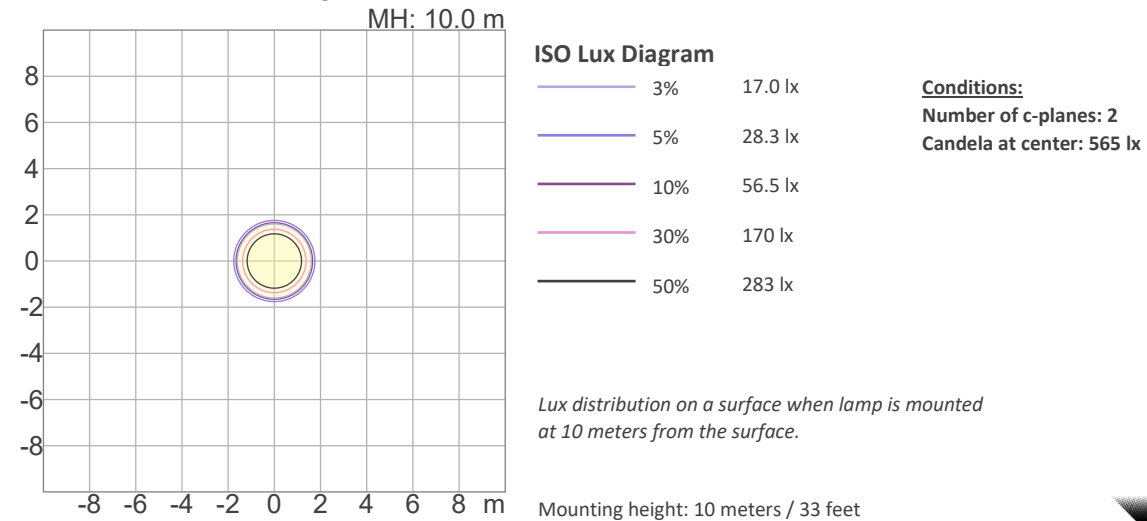
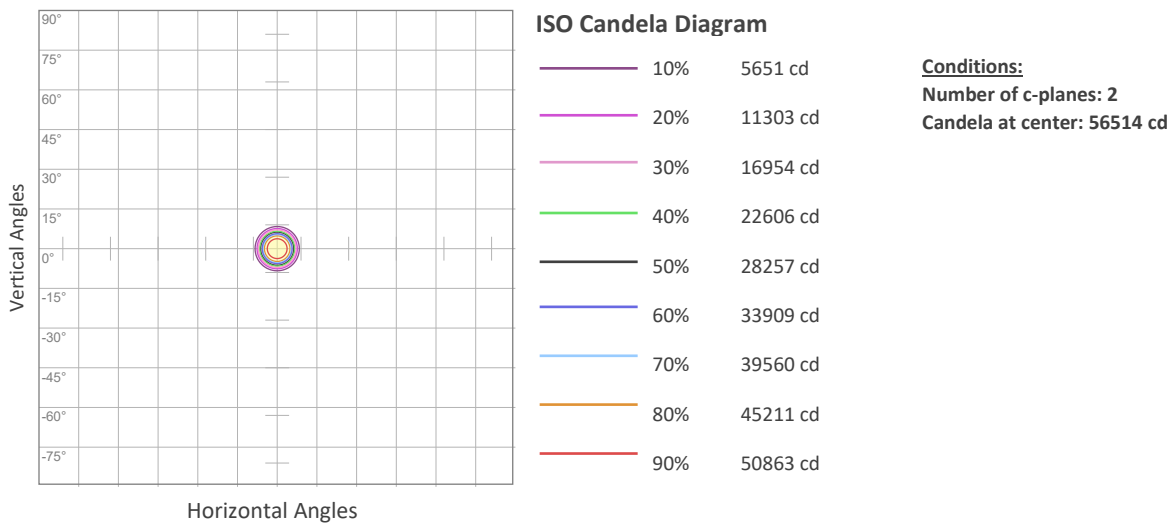
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	56514	14129	6279	3532	2261	1570	1153	883	698	565
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	467	392	334	288	251	221	196	174	157	141
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5250	1313	583	328	210	146	107	82	65	53
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	43	36	31	27	23	21	18	16	15	13

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Auto



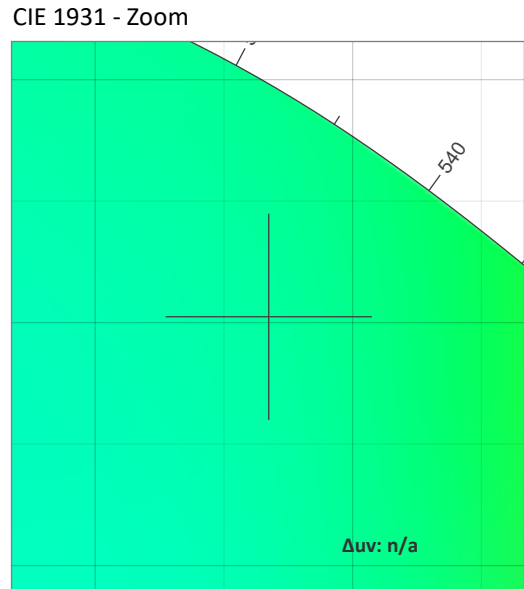
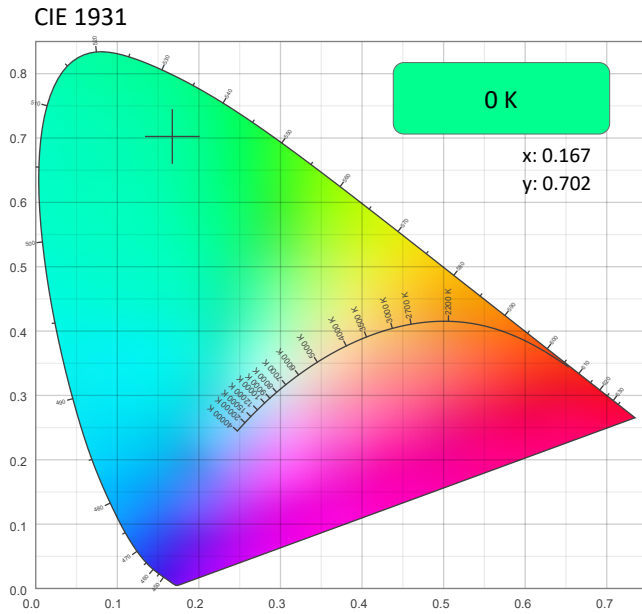
## ISO Diagrams



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Auto

## 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	0.167	0.702

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.702	0.060

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

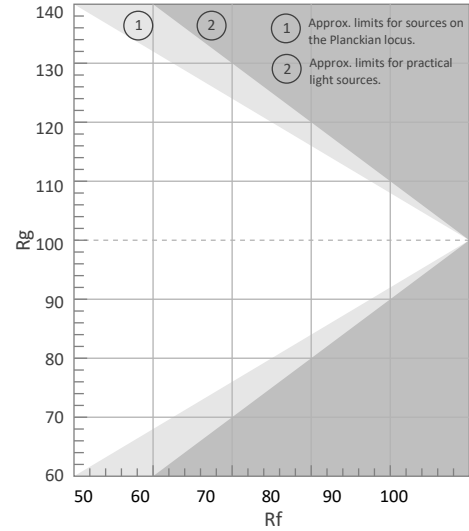
Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to Auto

## TM-30 Details

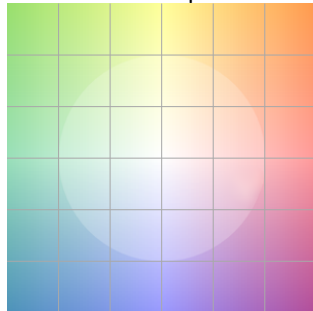
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

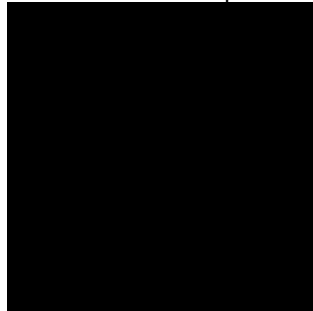
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



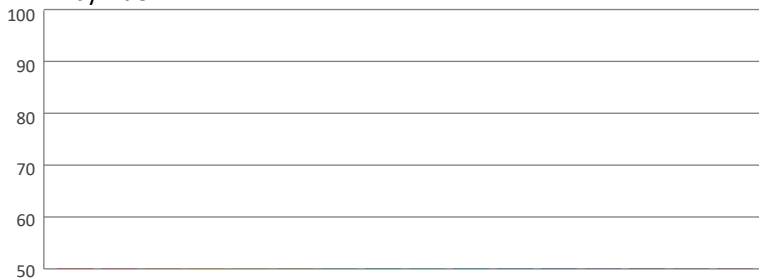
Color Vector Graphic



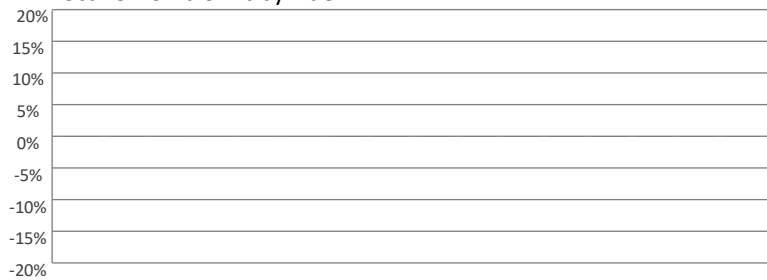
Color Distortion Graphic



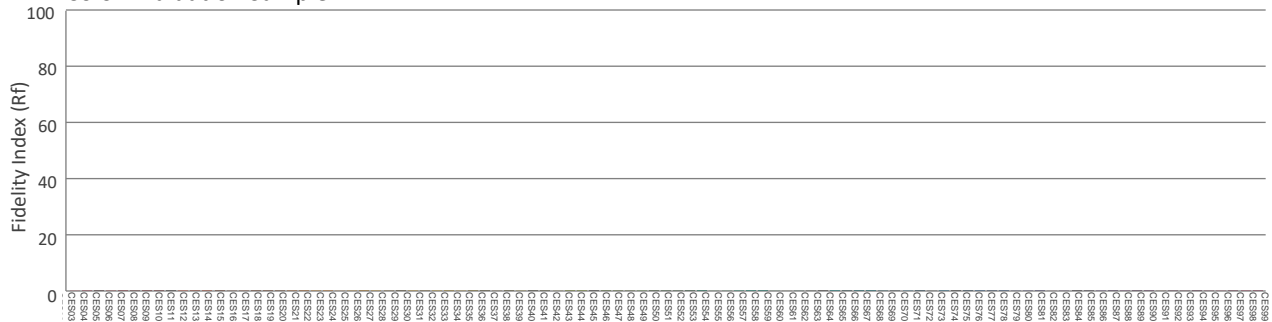
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 2889 lm  
Fixture Peak: 56417 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2257 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.6°  
Field Angle (10%): 18.7°  
Cutoff Angle (3%): 21°

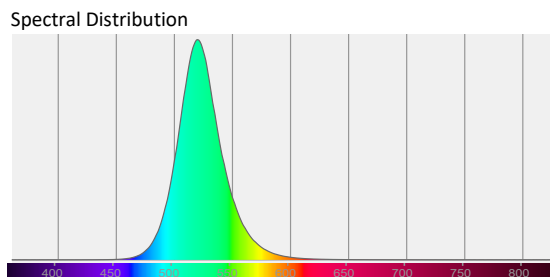
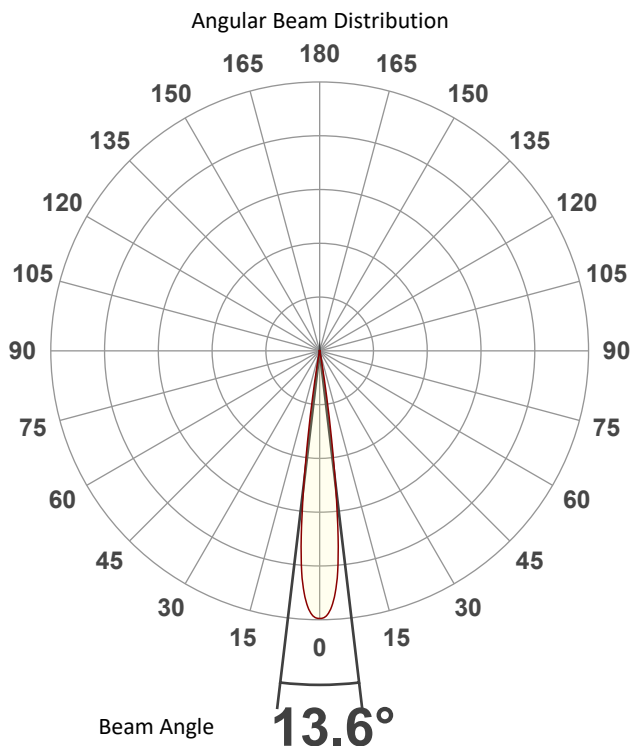


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.168

Y: 0.702



Light Quality

CRI: 0.0

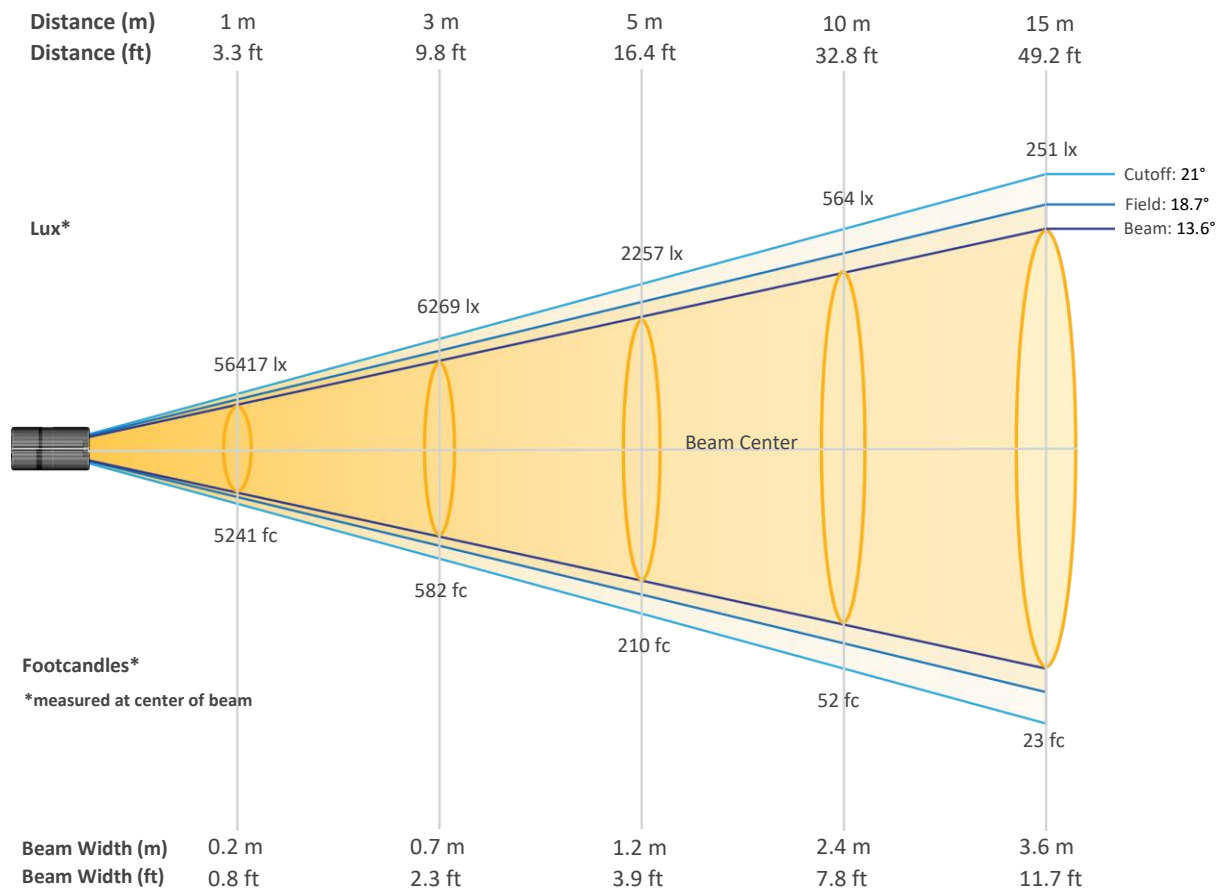
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to ECO

## Beam Details

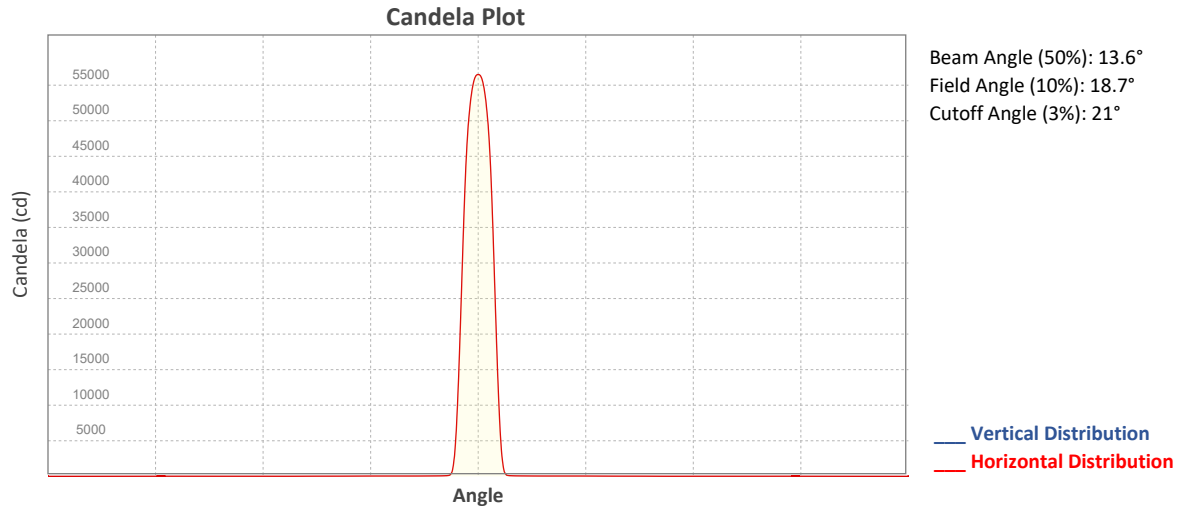


### Beam Intensities from 1-20m (3.3-65.6ft)

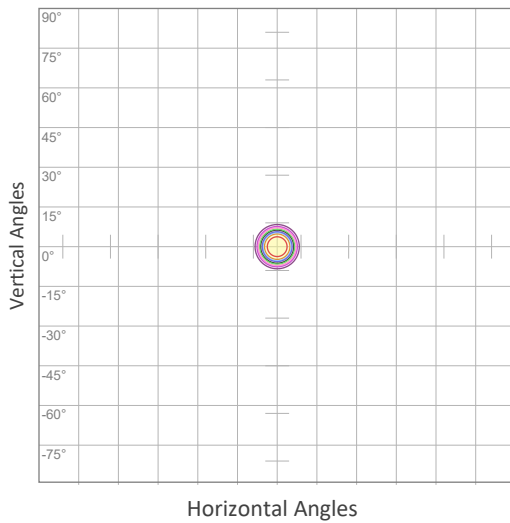
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	56417	14104	6269	3526	2257	1567	1151	882	697	564
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	466	392	334	288	251	220	195	174	156	141
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5241	1310	582	328	210	146	107	82	65	52
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	43	36	31	27	23	20	18	16	15	13

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to ECO



## ISO Diagrams

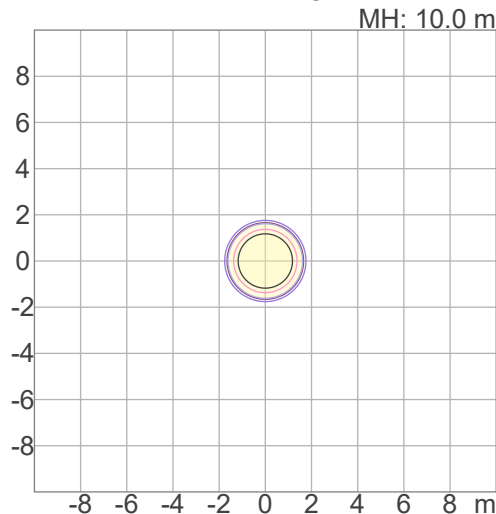


ISO Candela Diagram

10%	5642 cd
20%	11283 cd
30%	16925 cd
40%	22567 cd
50%	28208 cd
60%	33850 cd
70%	39492 cd
80%	45133 cd
90%	50775 cd

**Conditions:**

Number of c-planes: 2  
Candela at center: 56417 cd



ISO Lux Diagram

3%	16.9 lx
5%	28.2 lx
10%	56.4 lx
30%	169 lx
50%	282 lx

**Conditions:**

Number of c-planes: 2  
Candela at center: 564 lx

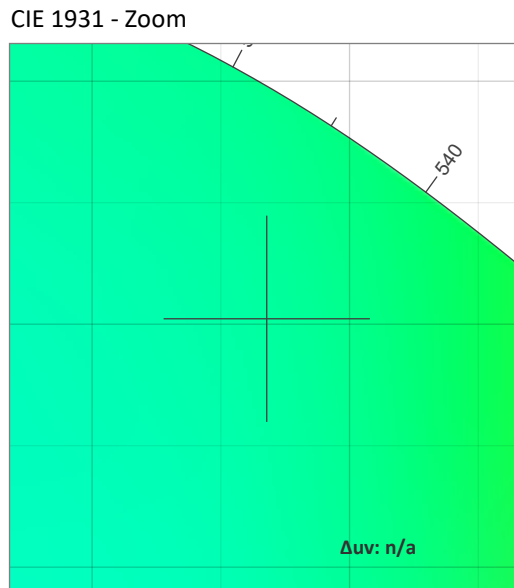
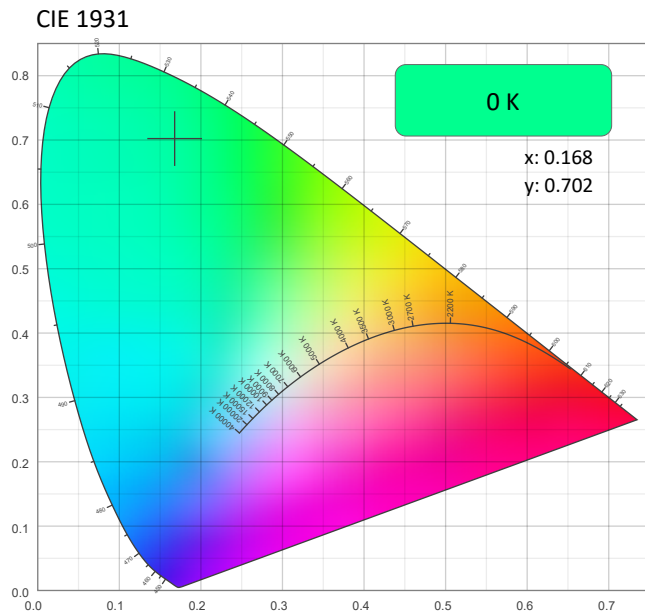
*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

Mounting height: 10 meters / 33 feet

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to ECO

## 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	0.168	0.702

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.702	0.061

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

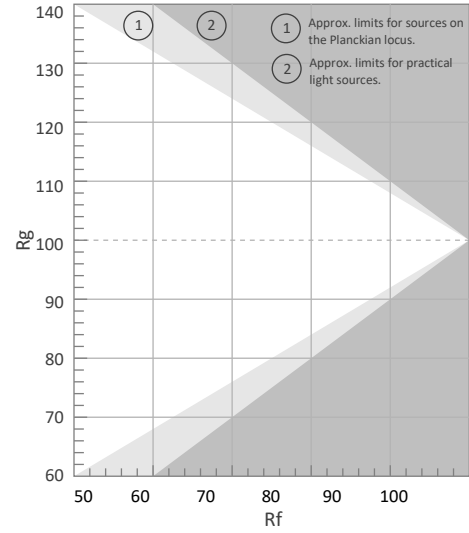
Maverick Storm 2 BeamWash: 50% Zoom - Green Only - Calibration Off - Fan set to ECO

## TM-30 Details

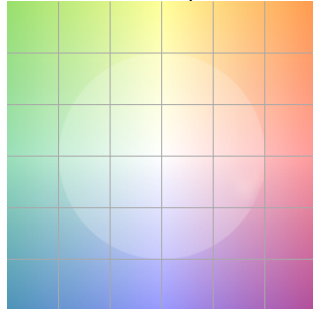
**Rf 0.0**  
Fidelity Index  
(Rg)

**Rg 0.0**  
Gammut Index (Rg)

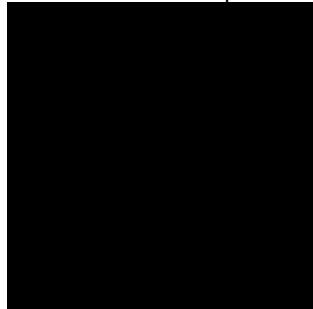
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



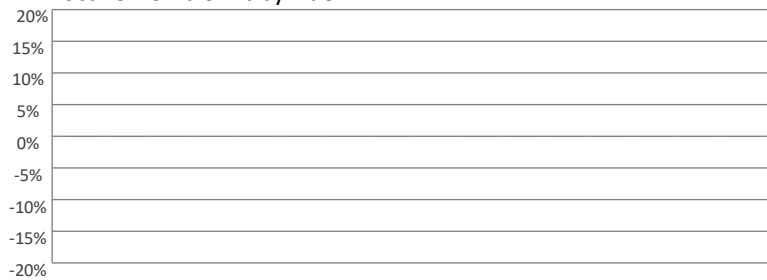
Color Distortion Graphic



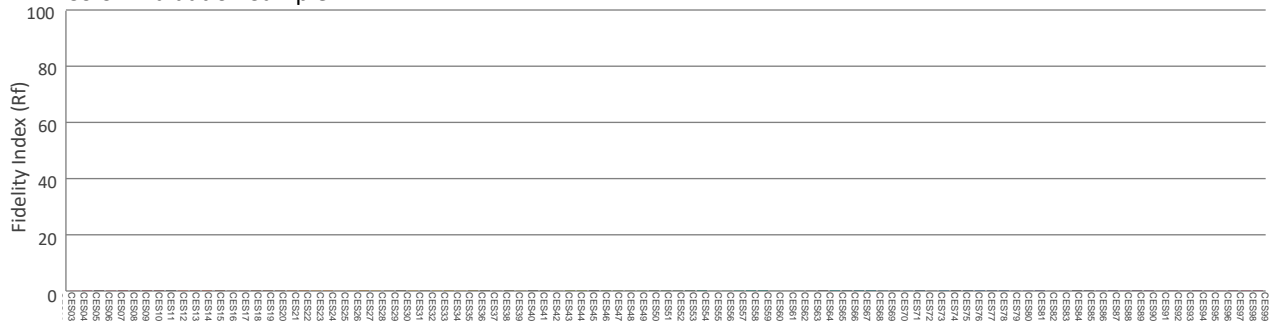
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 954 lm

Fixture Peak: 17096 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 684 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCl: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 13.3°

Field Angle (10%): 18.3°

Cutoff Angle (3%): 20.7°

### Conditions

AC Supply: 119 V, 60 Hz

Power: n/a W

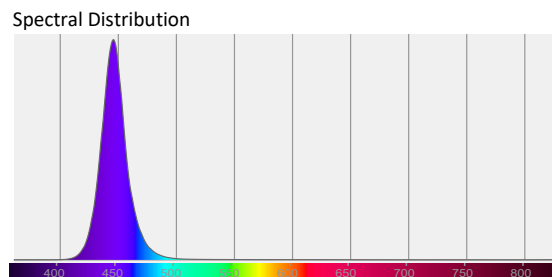
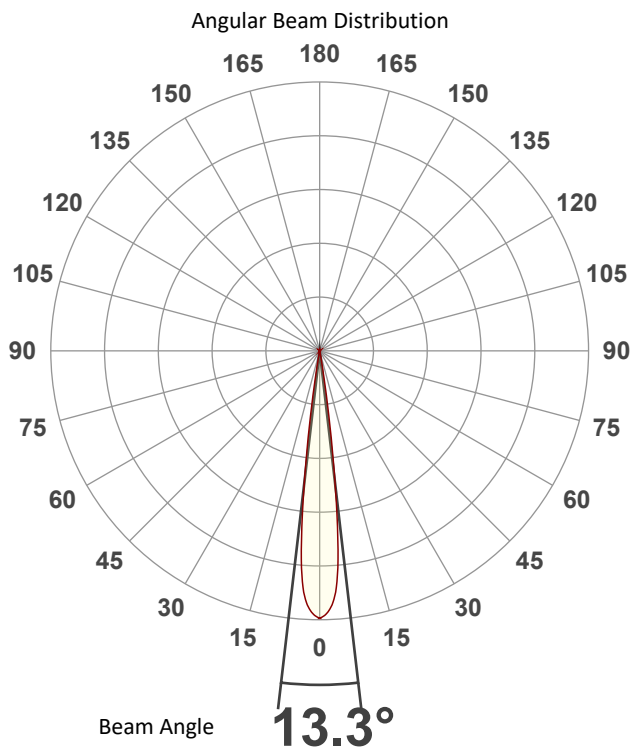
Current: 0.000 A

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 5/11/2022 to LM-63-2002 Standards.

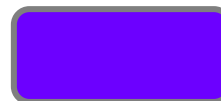
## Overall Measurement



Tested Color (CIE 1931):

X: 0.158

Y: 0.021



Light Quality

CRI: 0.0

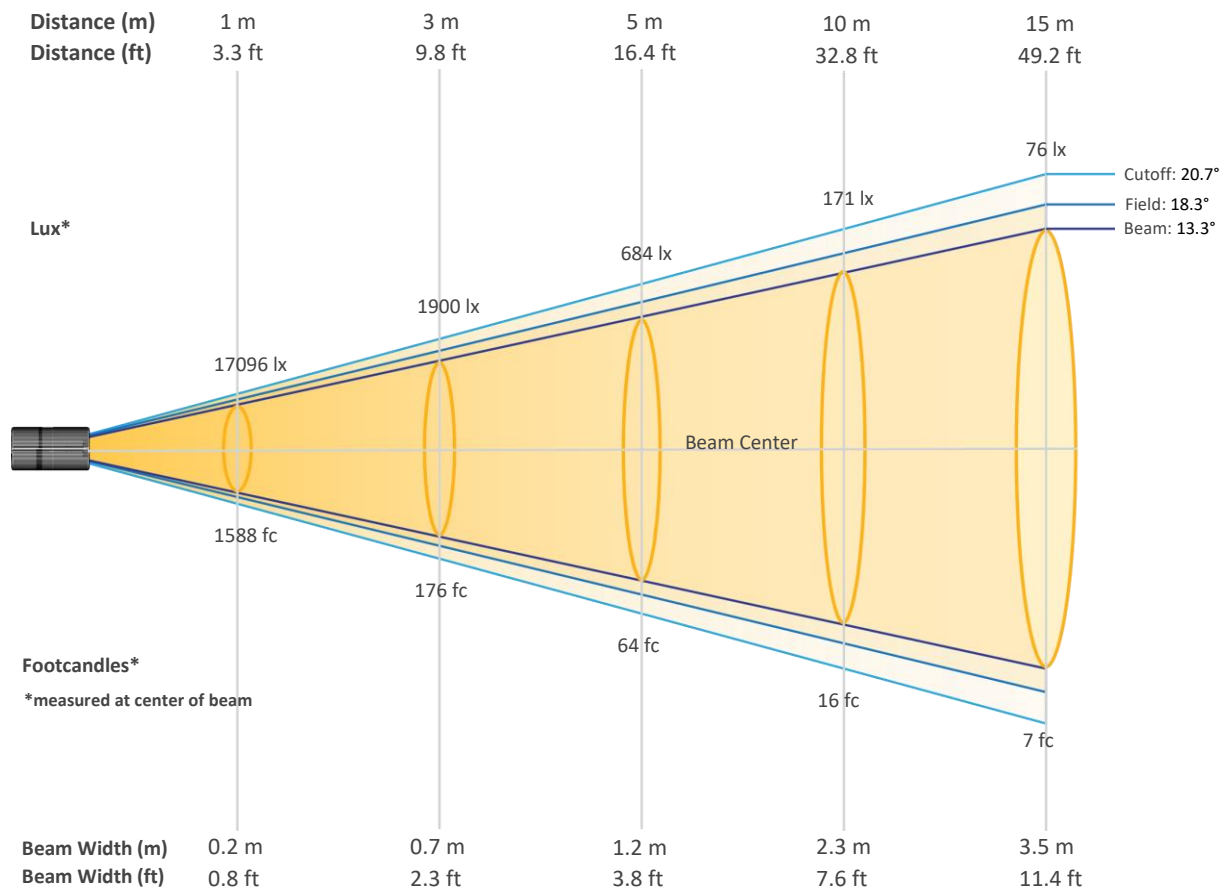
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Full

## Beam Details

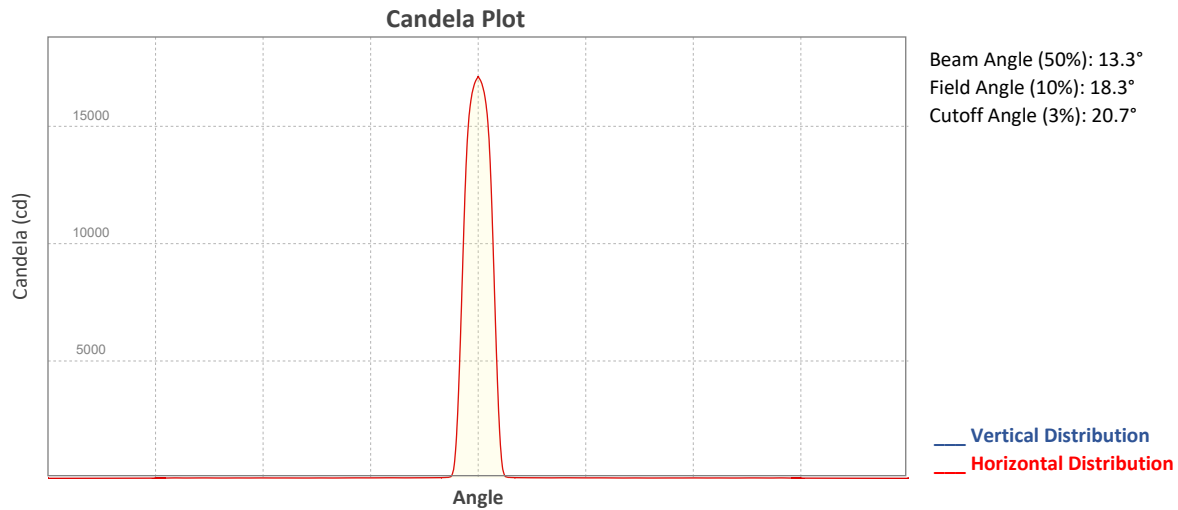


### Beam Intensities from 1-20m (3.3-65.6ft)

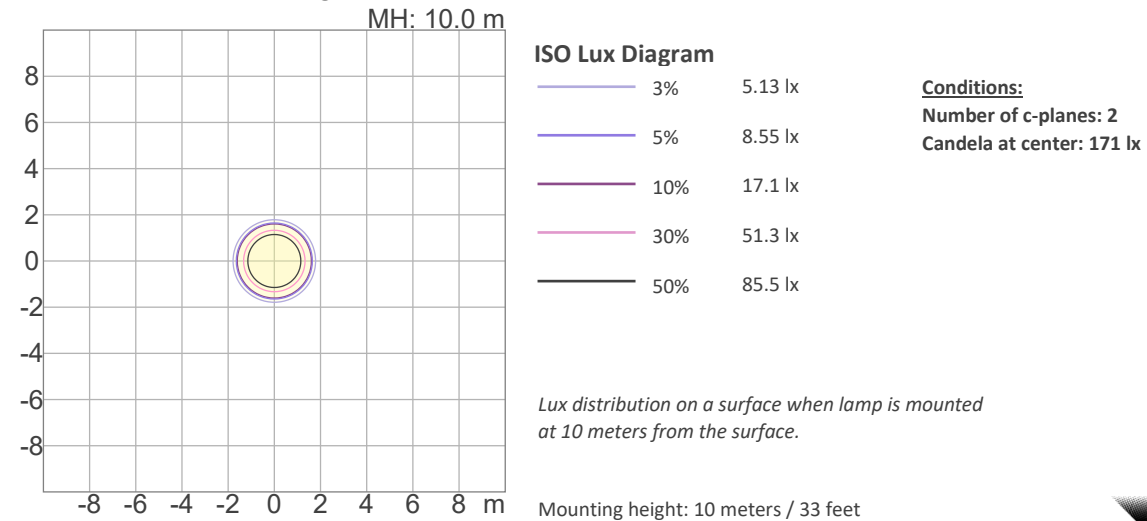
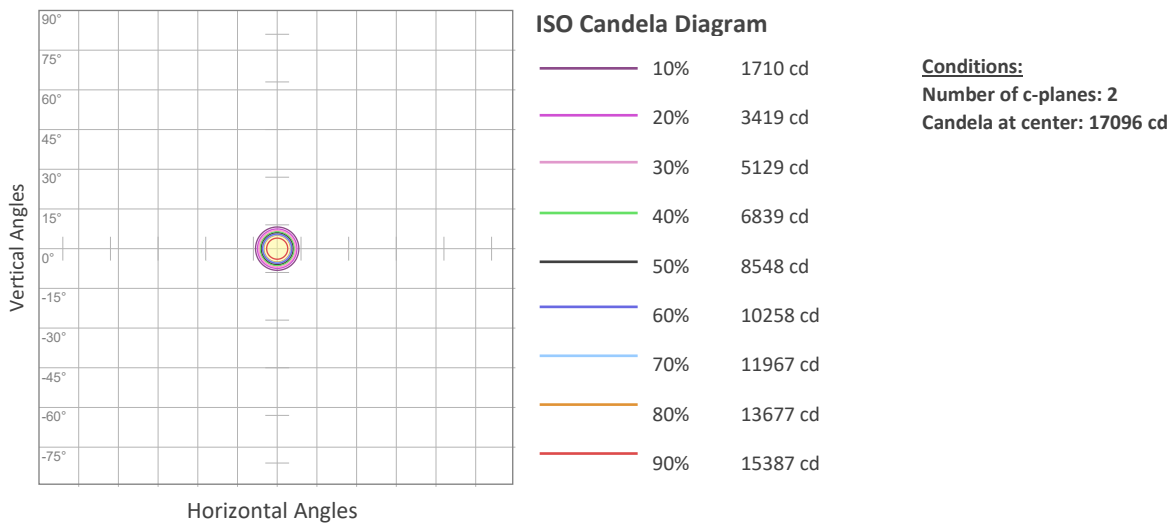
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17096	4274	1900	1069	684	475	349	267	211	171
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	141	119	101	87	76	67	59	53	47	43
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1588	397	176	99	64	44	32	25	20	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Full



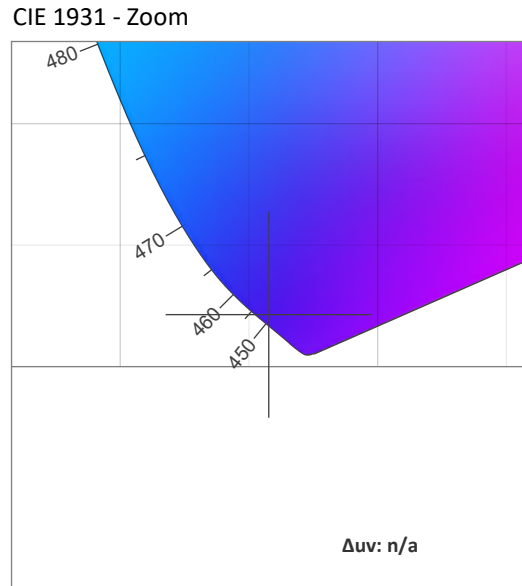
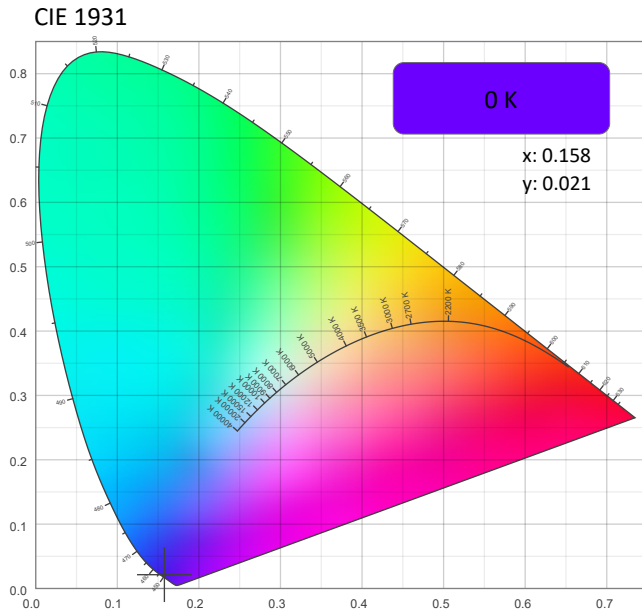
## ISO Diagrams



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Full

## 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	0.158	0.021

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.021	0.214

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

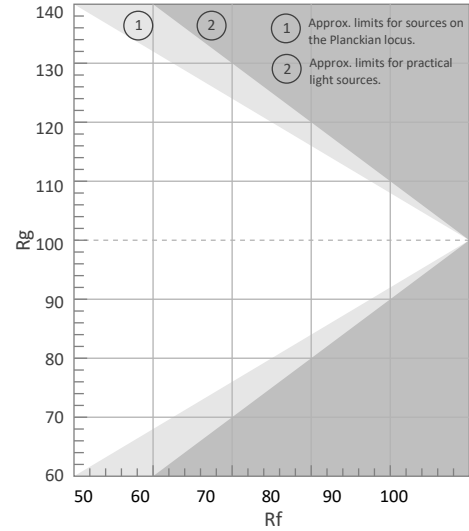
Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Full

## TM-30 Details

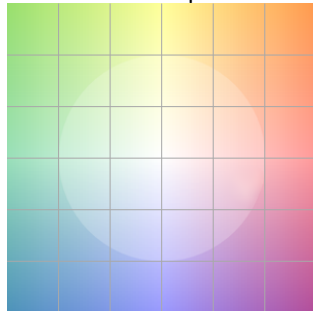
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

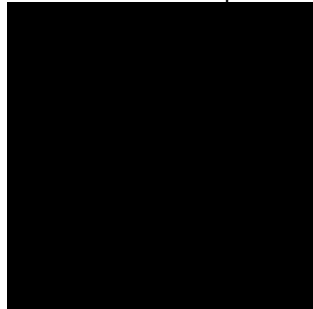
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



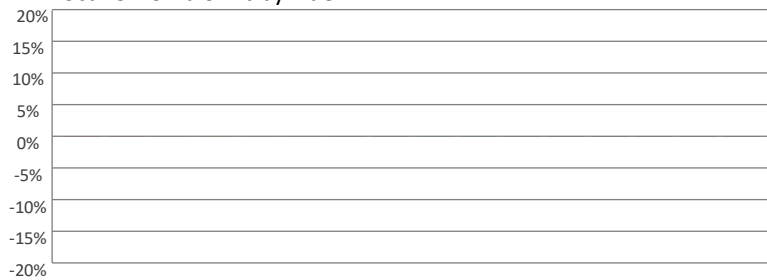
Color Distortion Graphic



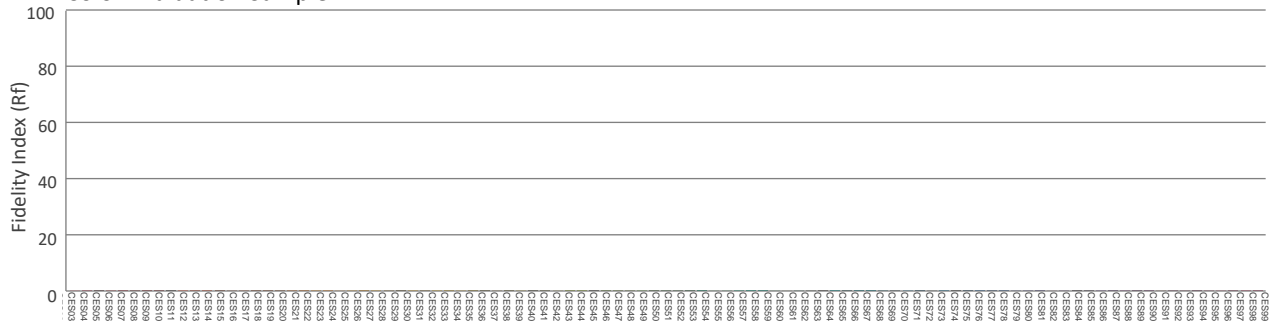
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Auto

## Report Summary

### Measurements

Fixture Output: 896 lm  
Fixture Peak: 17065 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 683 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.3°  
Field Angle (10%): 18.3°  
Cutoff Angle (3%): 20.5°

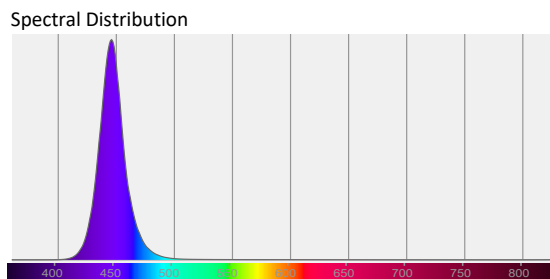
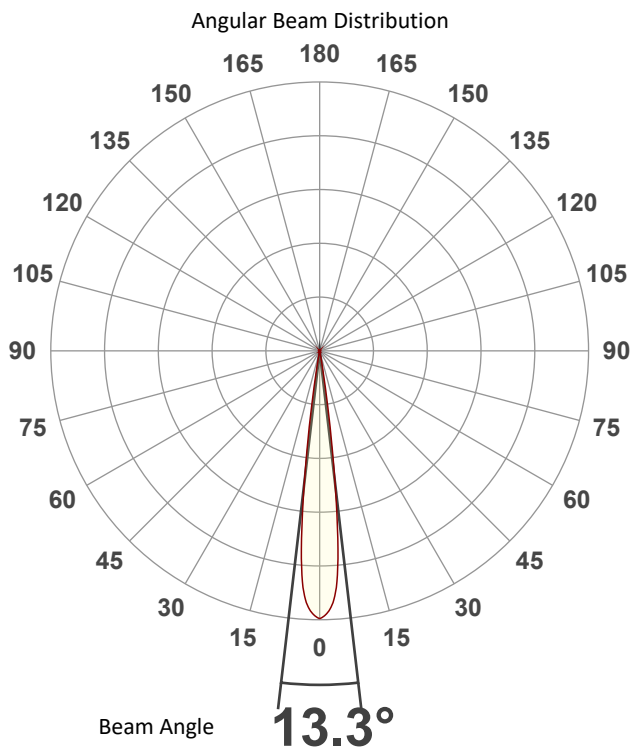


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

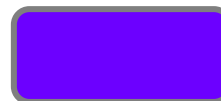
## Overall Measurement



Tested Color (CIE 1931):

X: 0.158

Y: 0.021



Light Quality

CRI: 0.0

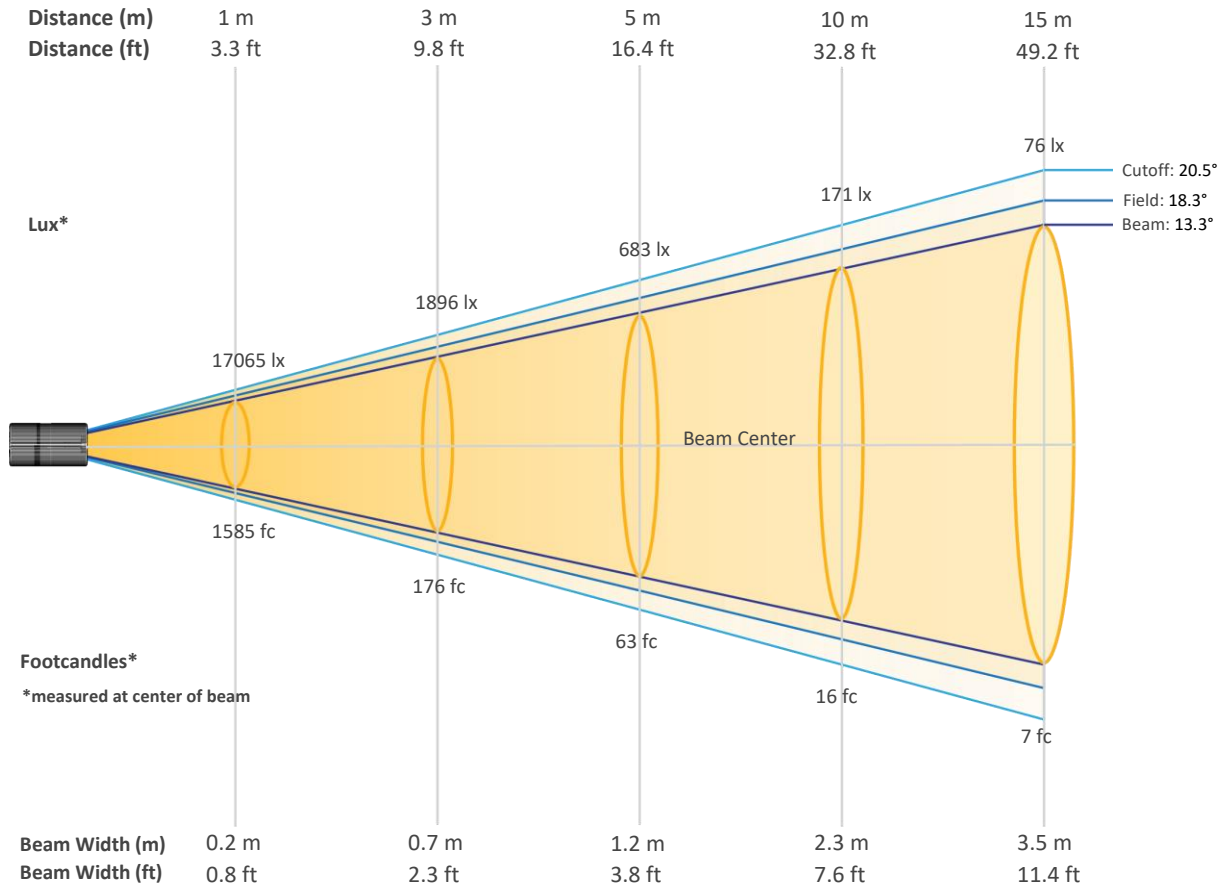
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Auto

## Beam Details



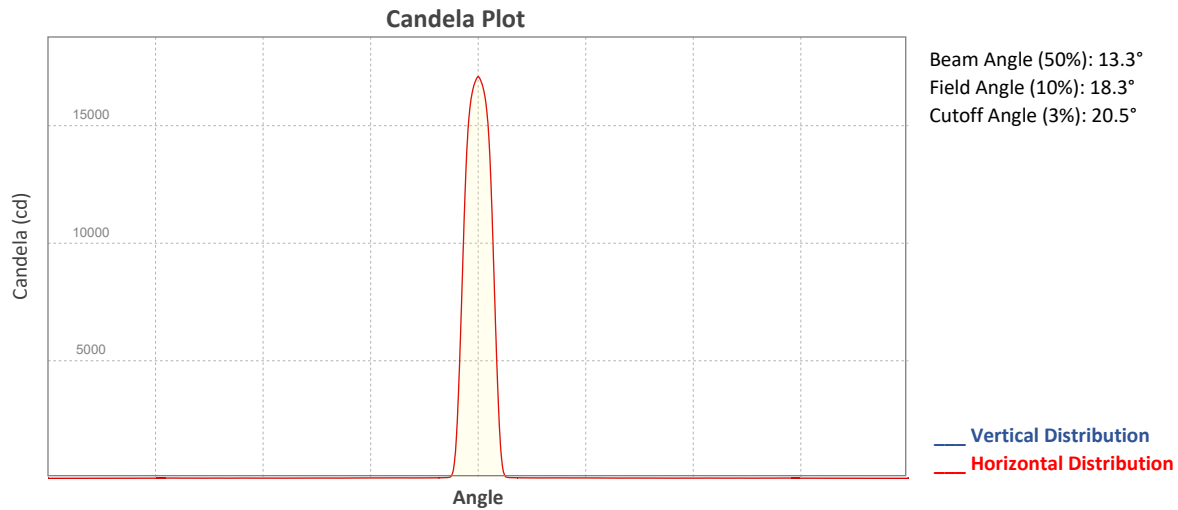
### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17065	4266	1896	1067	683	474	348	267	211	171
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	141	119	101	87	76	67	59	53	47	43
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1585	396	176	99	63	44	32	25	20	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

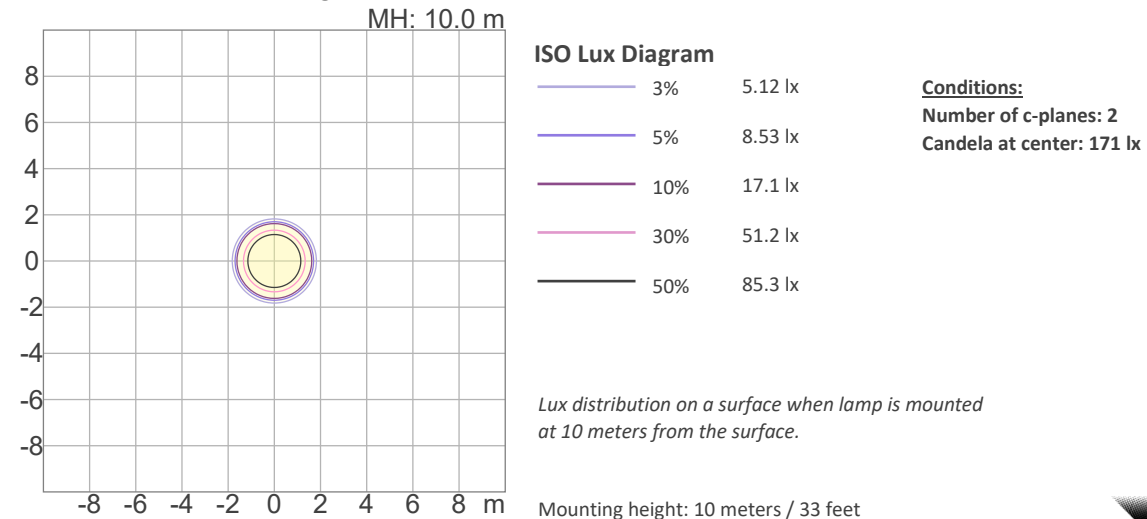
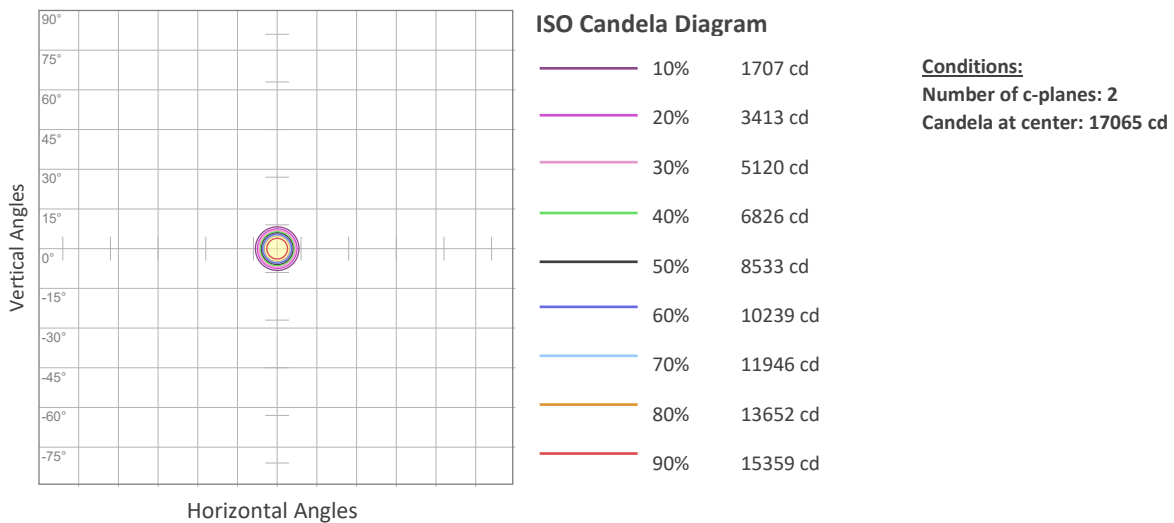


# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Auto



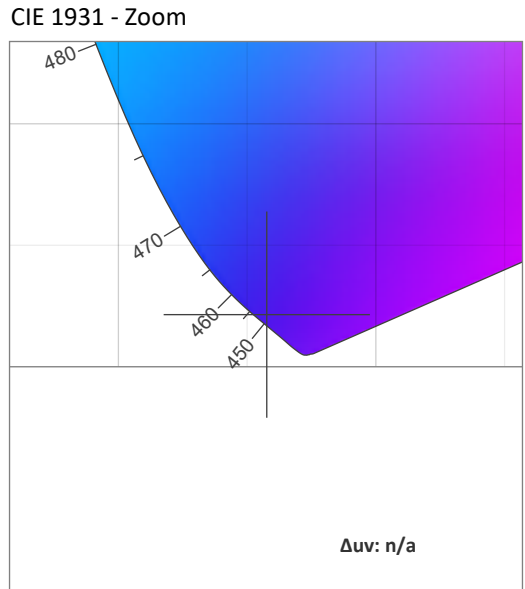
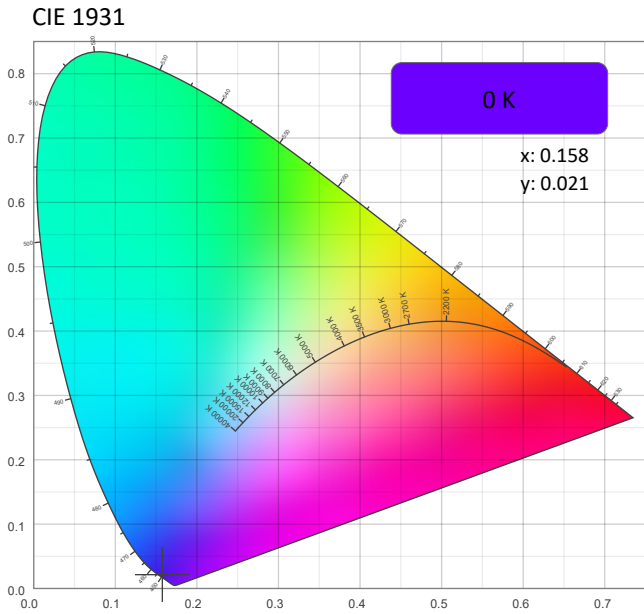
## ISO Diagrams



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Auto

## 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	0.158	0.021

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.021	0.214

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

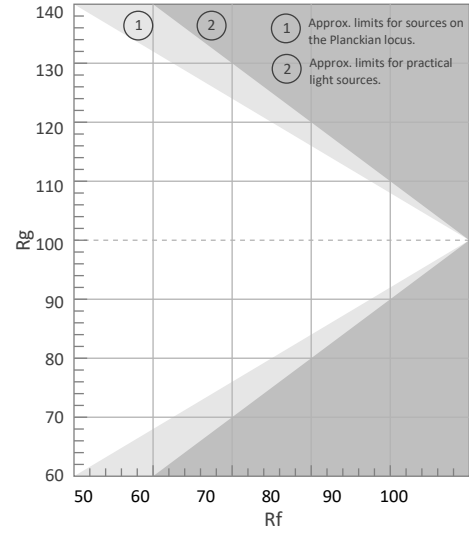
Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to Auto

## TM-30 Details

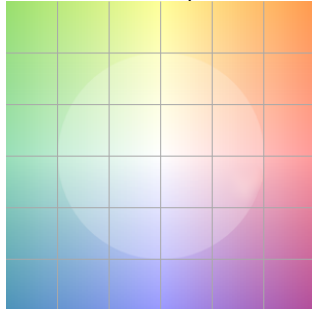
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

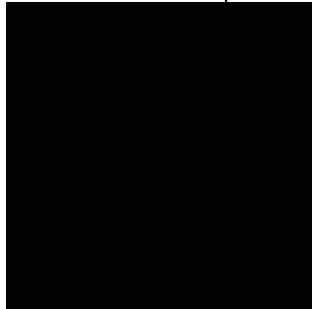
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



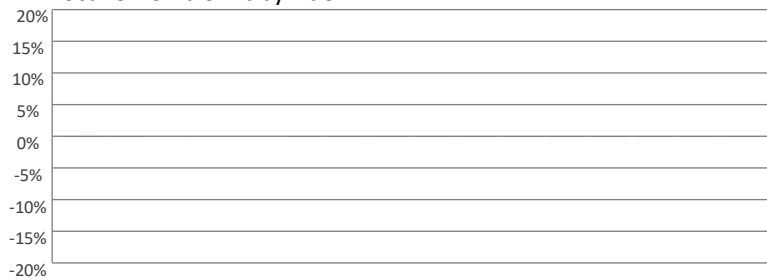
Color Distortion Graphic



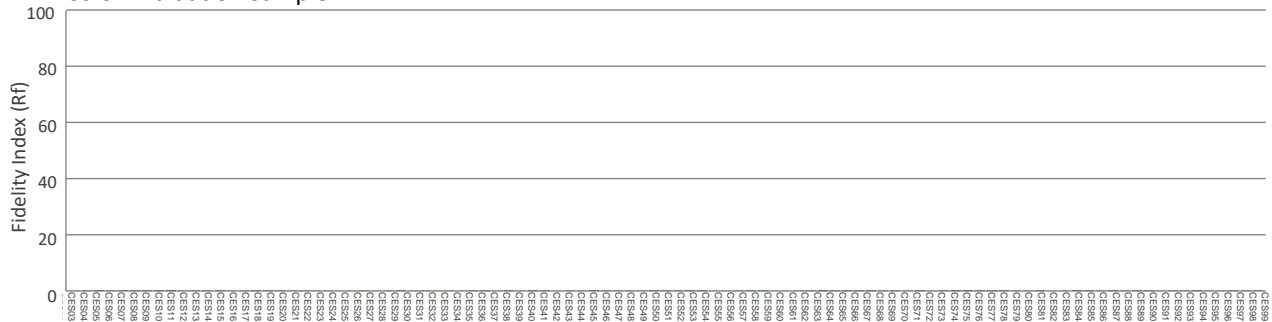
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 893 lm  
Fixture Peak: 17023 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 681 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCl: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 13.3°  
Field Angle (10%): 18.2°  
Cutoff Angle (3%): 20.5°

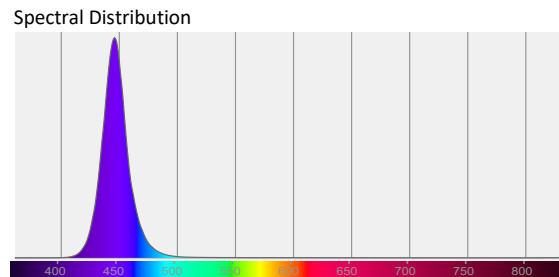
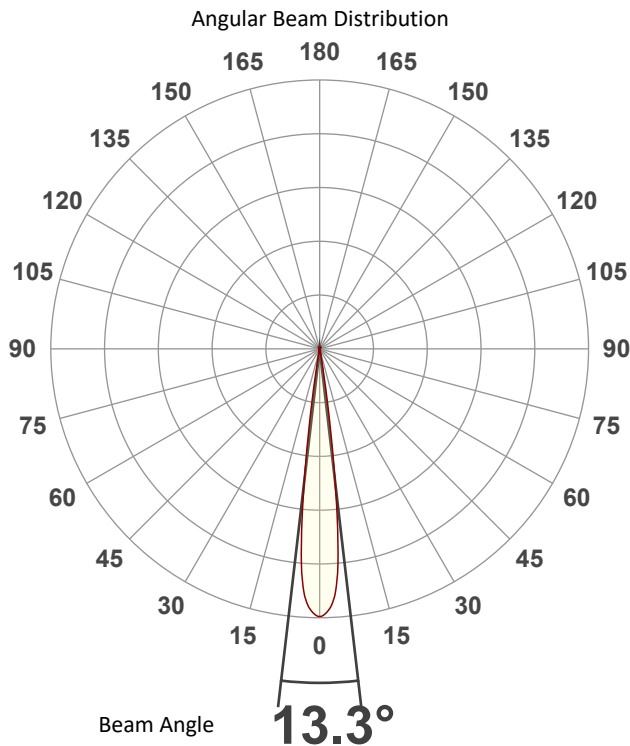


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.158

Y: 0.022



Light Quality

CRI: 0.0

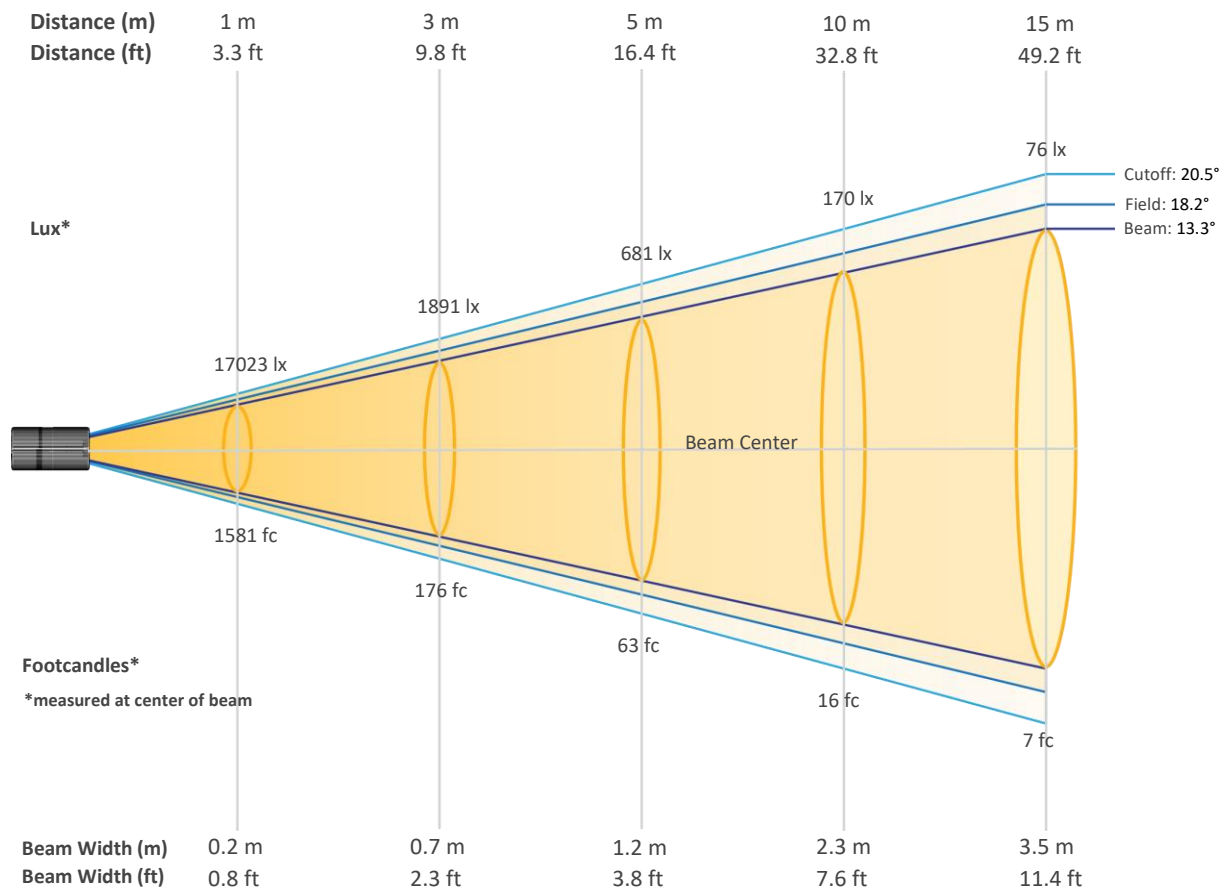
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to ECO

## Beam Details

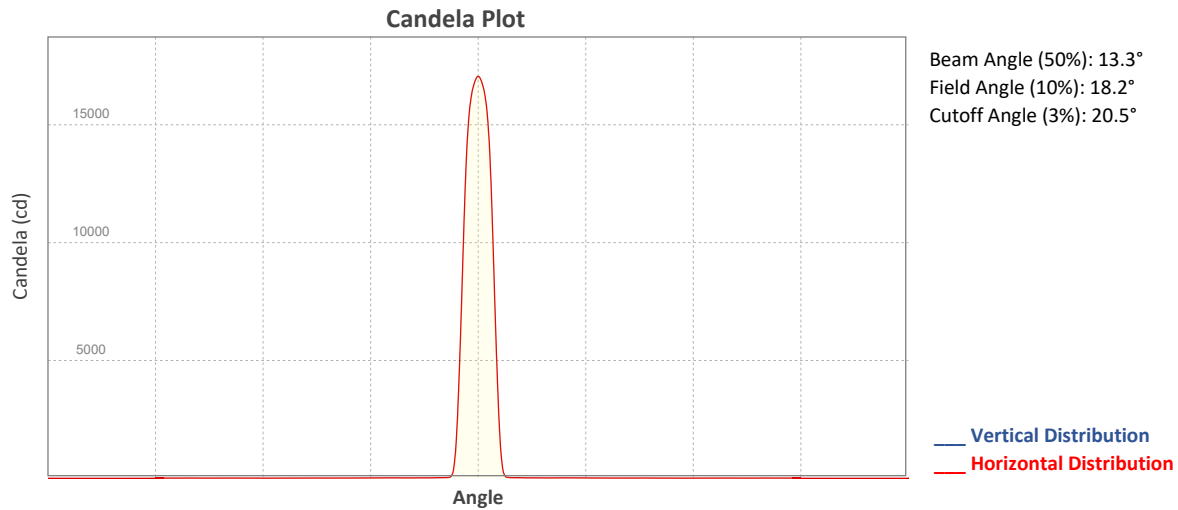


## Beam Intensities from 1-20m (3.3-65.6ft)

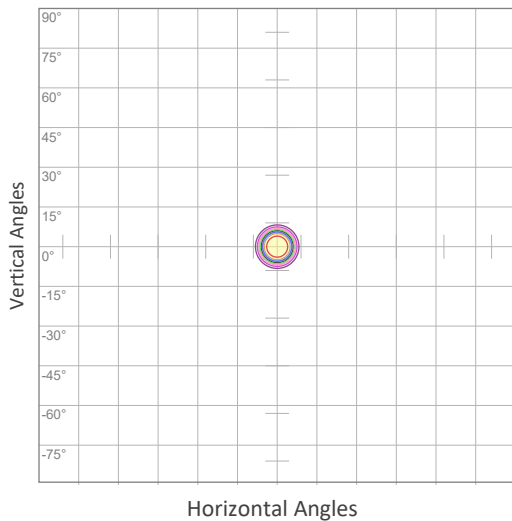
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17023	4256	1891	1064	681	473	347	266	210	170
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	141	118	101	87	76	66	59	53	47	43
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1581	395	176	99	63	44	32	25	20	16
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to ECO



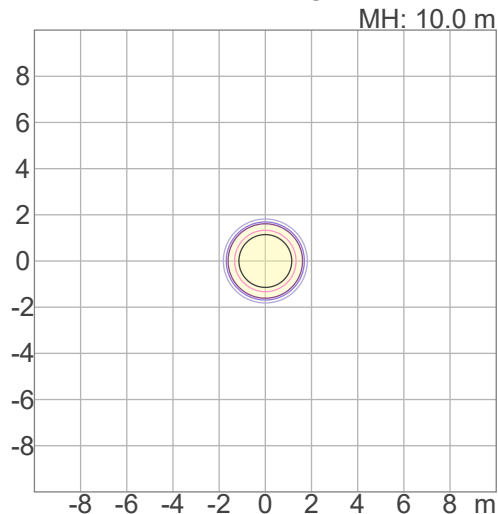
## ISO Diagrams



**ISO Candela Diagram**

10%	1702 cd
20%	3405 cd
30%	5107 cd
40%	6809 cd
50%	8512 cd
60%	10214 cd
70%	11916 cd
80%	13618 cd
90%	15321 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 17023 cd



**ISO Lux Diagram**

3%	5.11 lx
5%	8.51 lx
10%	17.0 lx
30%	51.1 lx
50%	85.1 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 170 lx

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

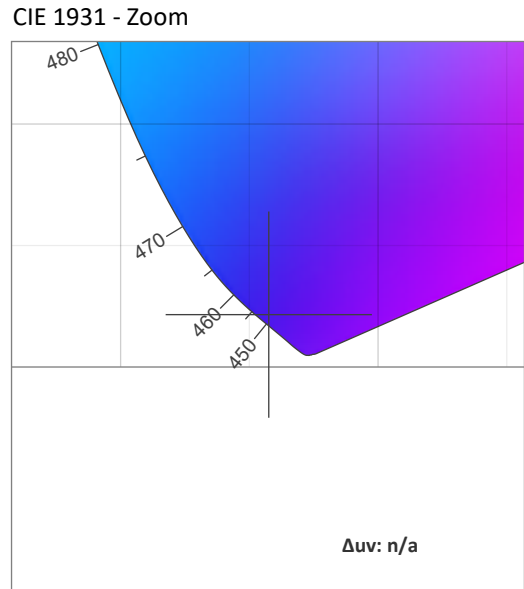
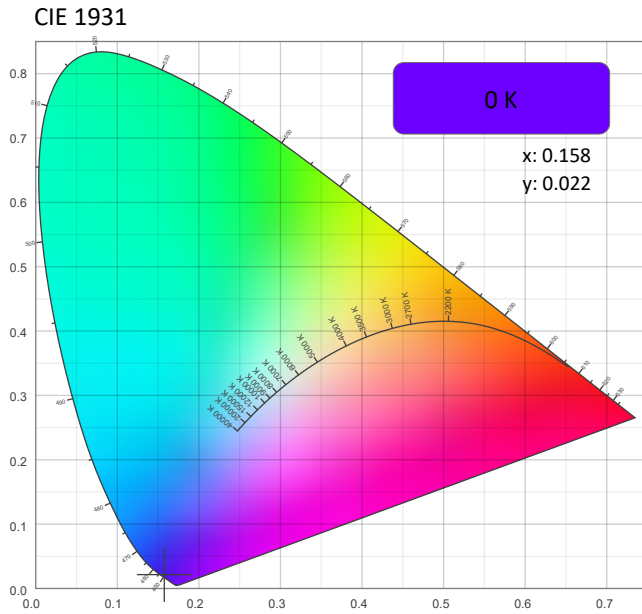
Mounting height: 10 meters / 33 feet



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - set to ECO

## 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	0.158	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.022	0.214

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

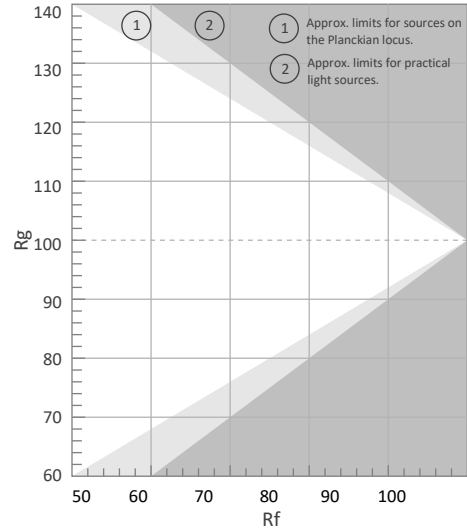
Maverick Storm 2 BeamWash: 50% Zoom - Blue Only - Calibration Off - Fan set to ECO

## TM-30 Details

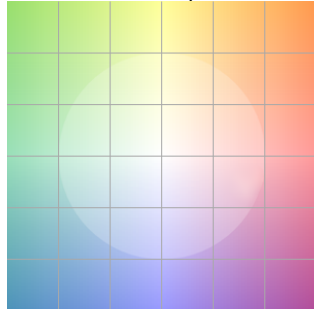
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

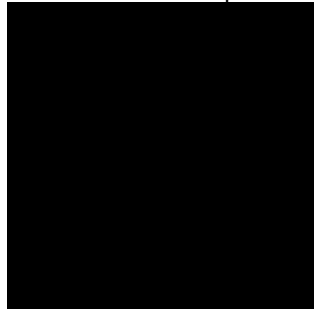
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



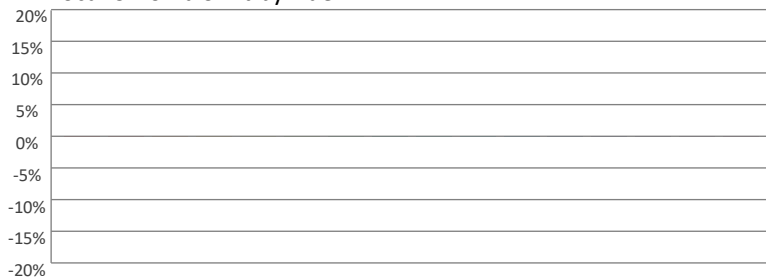
Color Distortion Graphic



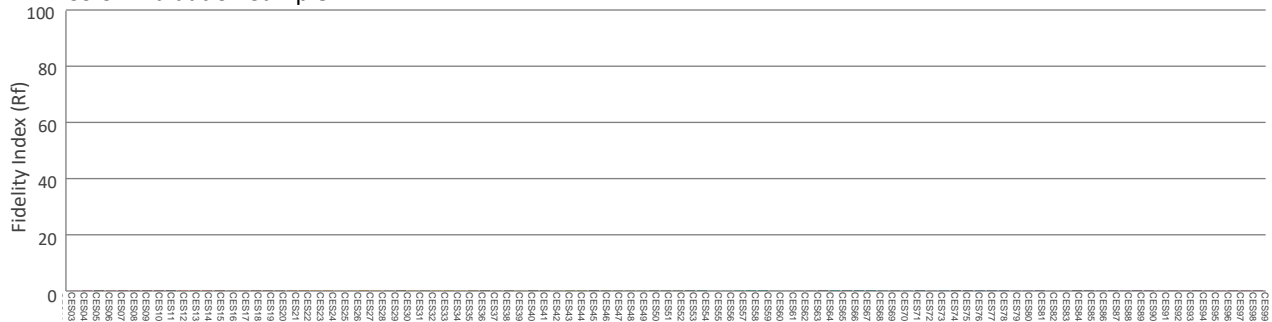
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample





# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Full

## Report Summary

### Measurements

Fixture Output: 4403 lm  
Fixture Peak: 83177 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3327 lux  
Color Temperature: 7988 K  
CRI: 71.2      CRI R9 Value: 0.5  
CQS: 66.3  
TLCI: 44  
TM-30 Rf: 66.5  
TM-30 Rg: 97.4  
Beam Angle (50%): 14°  
Field Angle (10%): 19°  
Cutoff Angle (3%): 21.3°

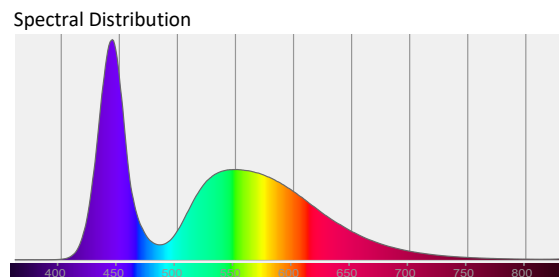
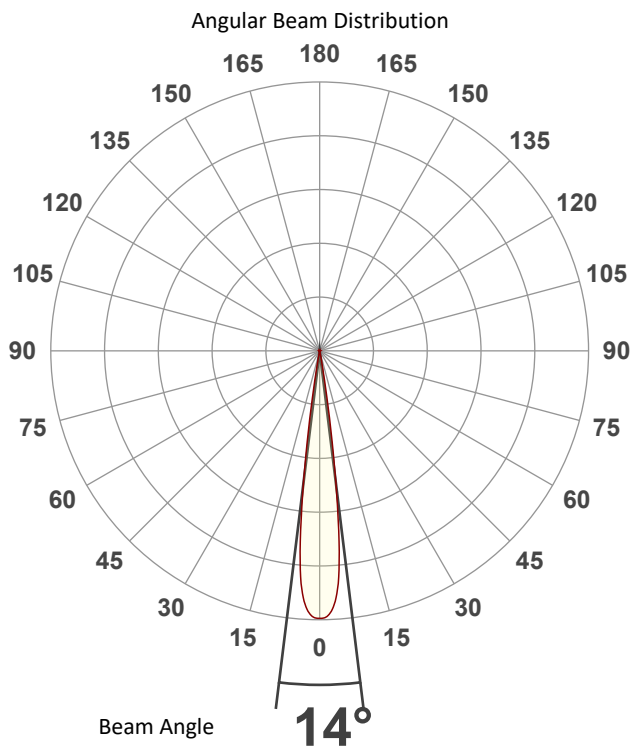


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

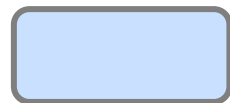
## Overall Measurement



Tested Color (CIE 1931):

X: 0.299

Y: 0.293



Light Quality

CRI: 71.2

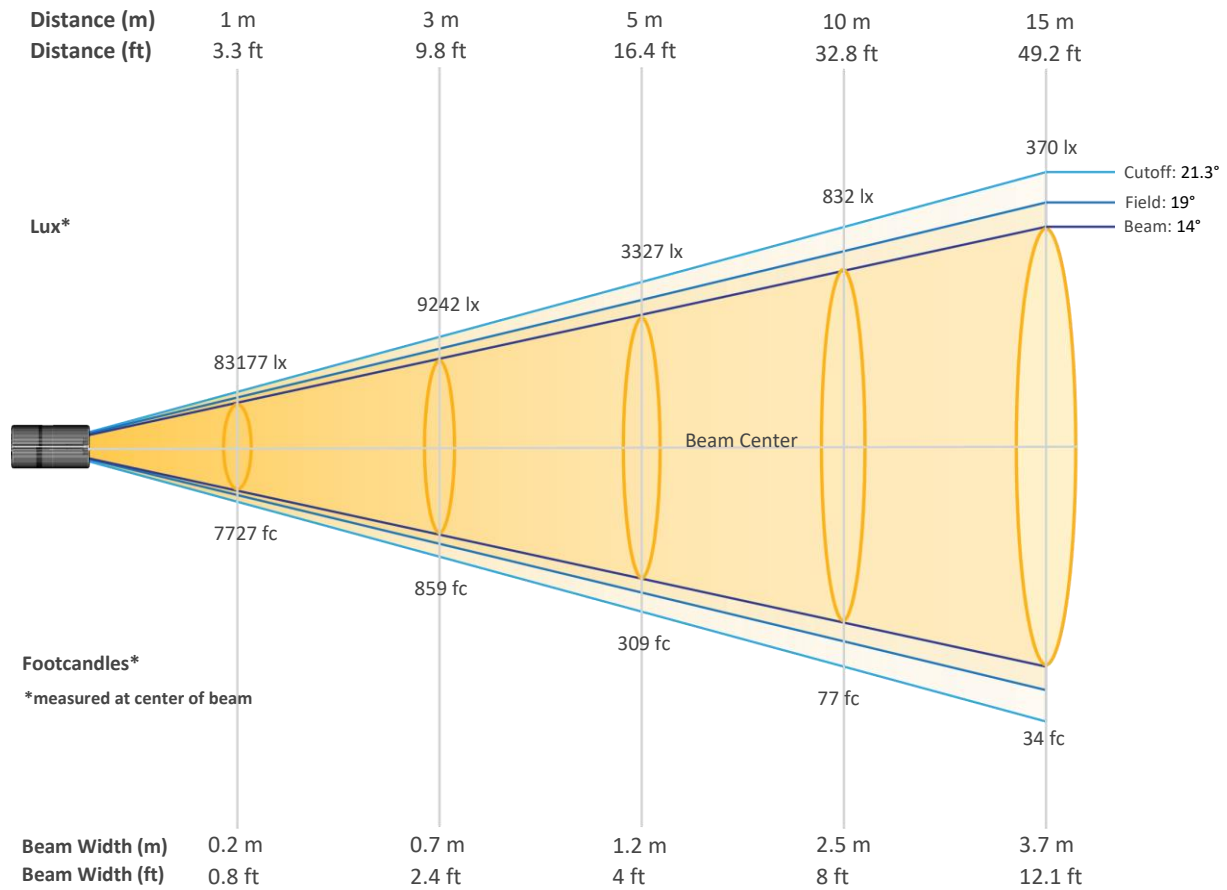
Color Temperature

7988 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Full

## Beam Details

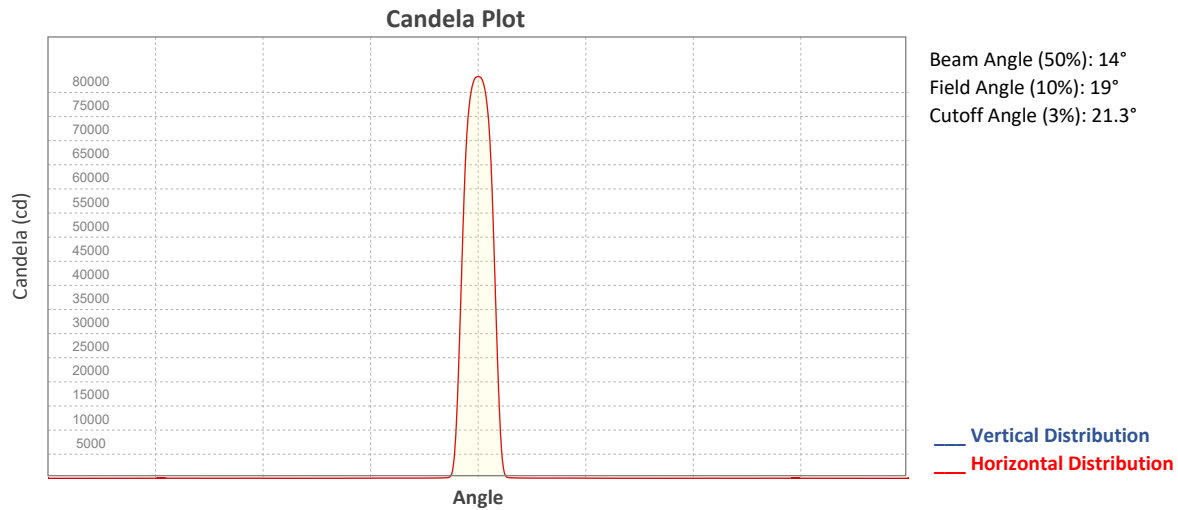


### Beam Intensities from 1-20m (3.3-65.6ft)

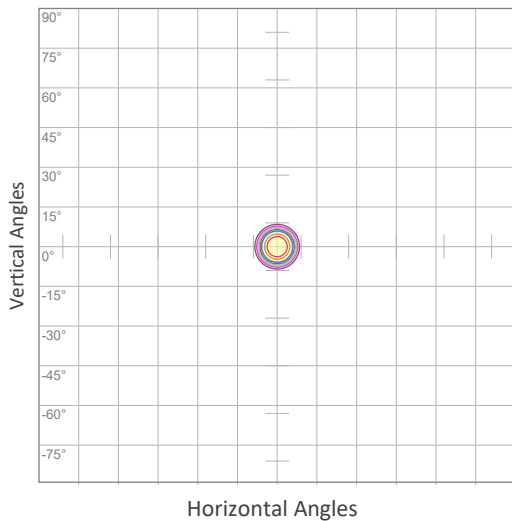
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	83177	20794	9242	5199	3327	2310	1697	1300	1027	832
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	687	578	492	424	370	325	288	257	230	208
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7727	1932	859	483	309	215	158	121	95	77
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	64	54	46	39	34	30	27	24	21	19

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Full



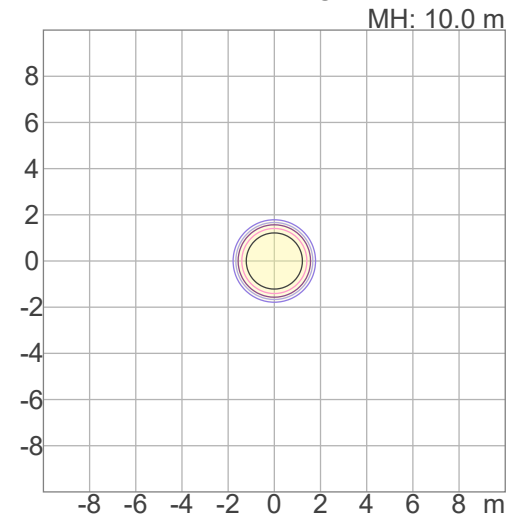
## ISO Diagrams



**ISO Candela Diagram**

10%	8318 cd
20%	16635 cd
30%	24953 cd
40%	33271 cd
50%	41589 cd
60%	49906 cd
70%	58224 cd
80%	66542 cd
90%	74860 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 83177 cd



**ISO Lux Diagram**

3%	25.0 lx
5%	41.6 lx
10%	83.2 lx
30%	250 lx
50%	416 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 832 lx

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

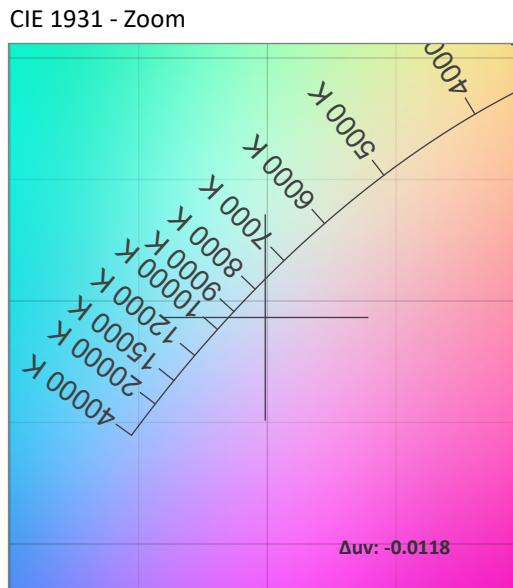
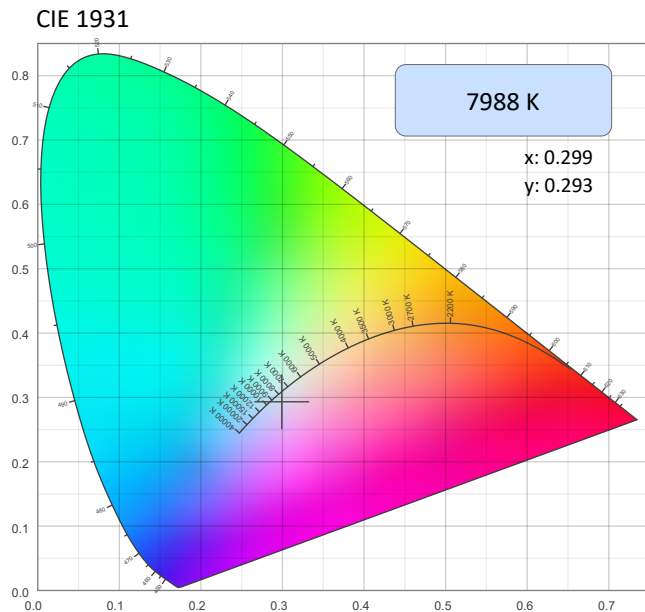
Mounting height: 10 meters / 33 feet



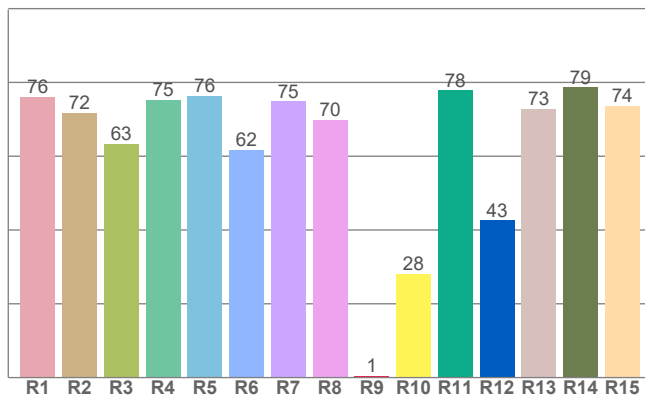
# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Full

## Chromaticity



CRI: 71.2 (R1-R8)

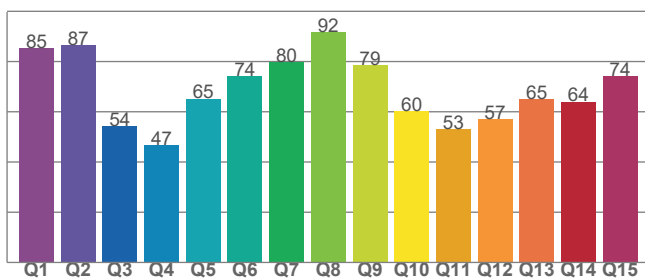


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7988 K	0.299	0.293

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
-0.0118	0.293	0.202

CQS: 66.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.2	0.5	66.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.5	97.4

# Photometric & Chromaticity Report

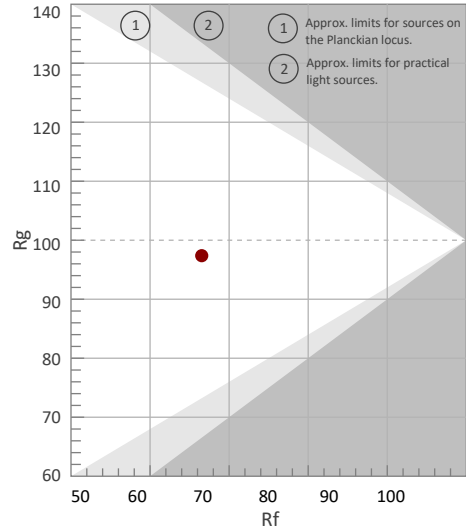
Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Full

## TM-30 Details

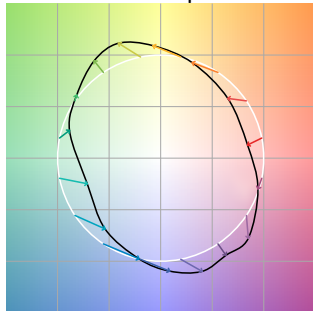
**Rf 66.5**  
Fidelity Index  
(Rg)

**Rg 97.4**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	53	6%	29%
5	61	17%	18%
6	78	14%	1%
7	91	2%	-6%
8	79	-8%	-9%
9	75	-25%	10%
10	55	-17%	27%
11	26	-7%	37%
12	59	6%	30%
13	71	16%	18%
14	76	14%	0%
15	75	14%	-17%
16	80	-2%	-11%



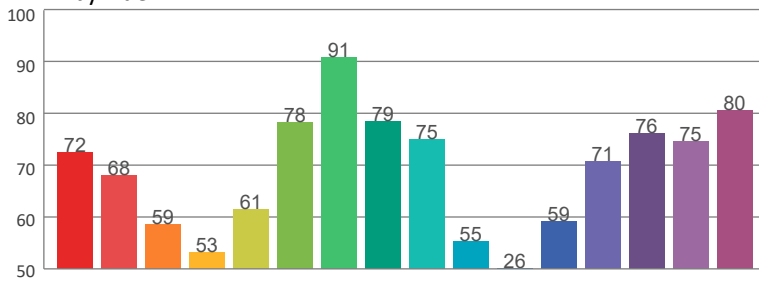
Color Vector Graphic



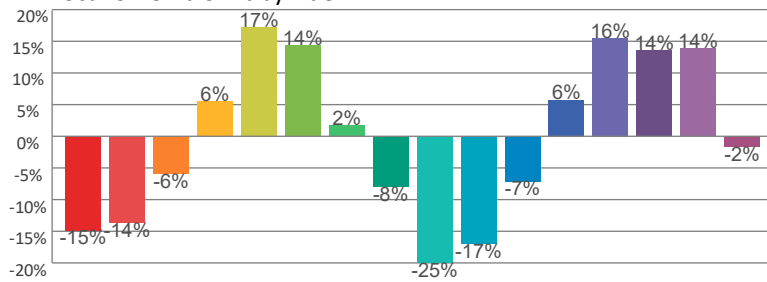
Color Distortion Graphic



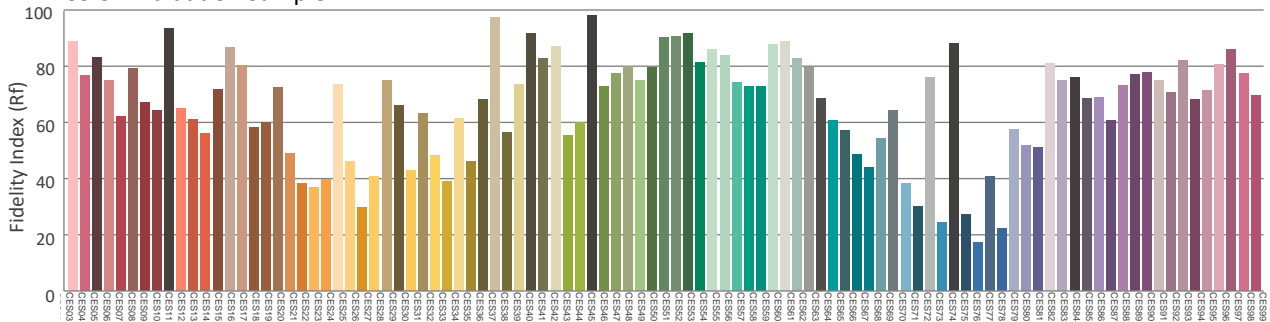
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Auto

## Report Summary

### Measurements

Fixture Output: 2895 lm

Fixture Peak: 56514 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 2261 lux

Color Temperature: 0 K

CRI: 0.0      CRI R9 Value: 0.0

CQS: 0.0

TLCl: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 13.6°

Field Angle (10%): 18.7°

Cutoff Angle (3%): 20.9°

### Conditions

AC Supply: 119 V, 60 Hz

Power: n/a W

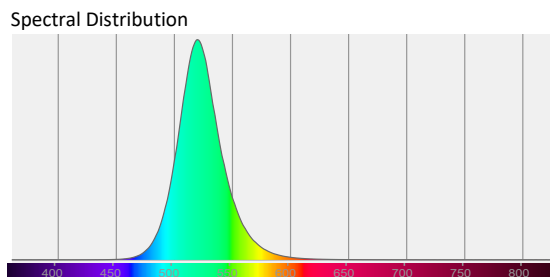
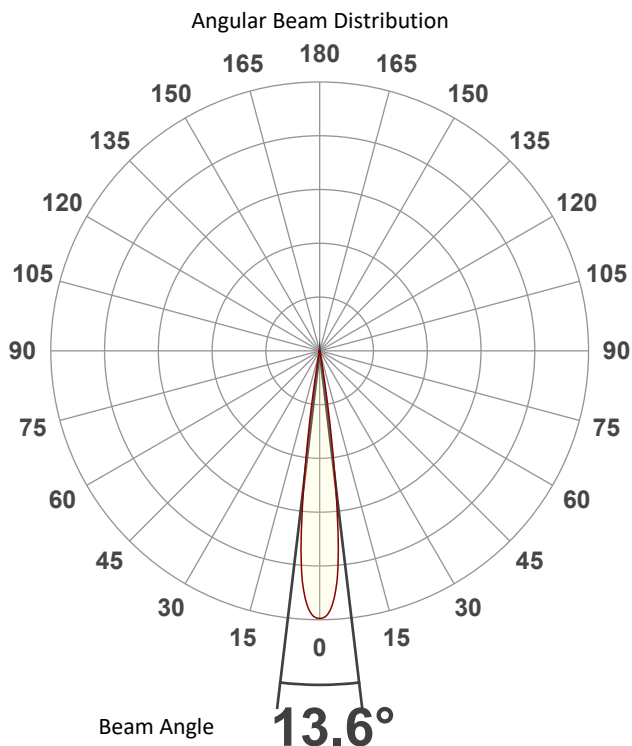
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 5/11/2022 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.167

Y: 0.702



Light Quality

CRI: 0.0

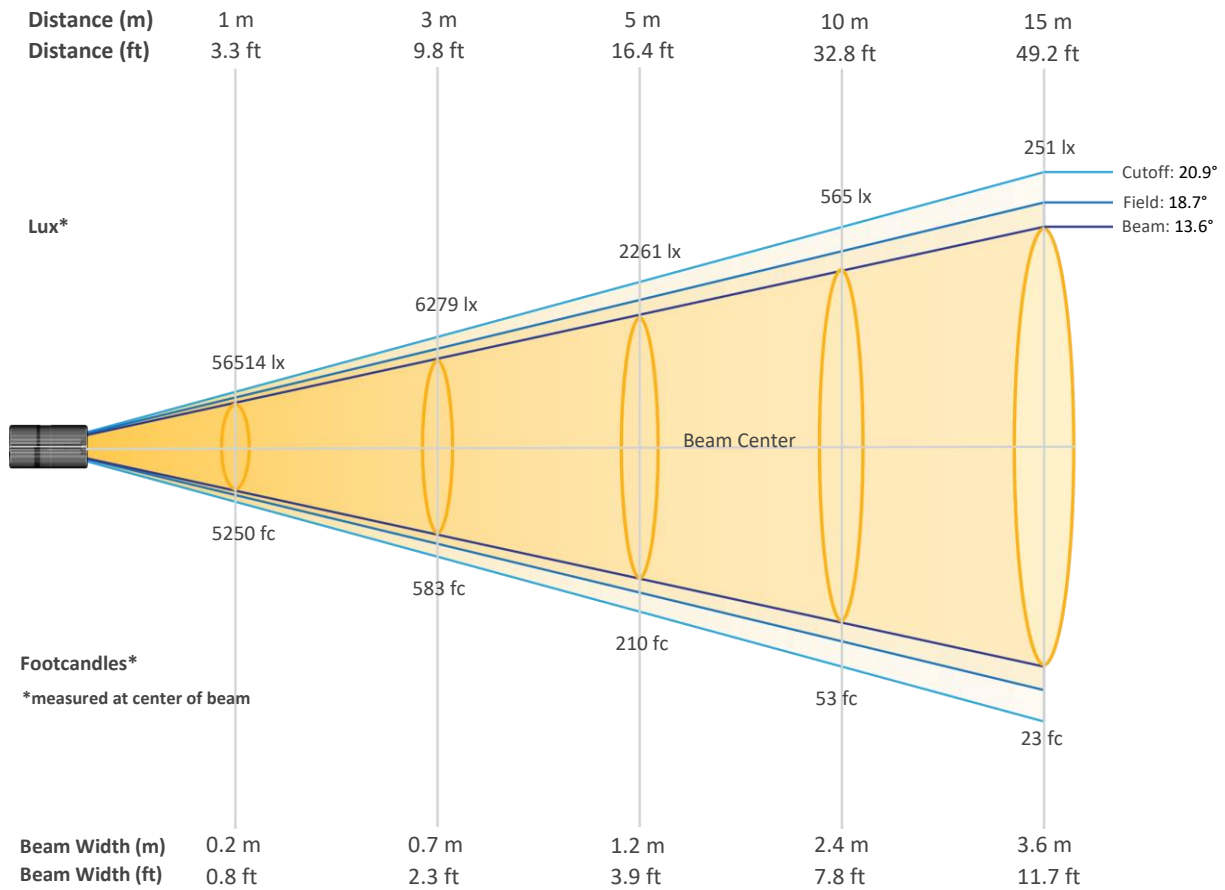
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Auto

## Beam Details

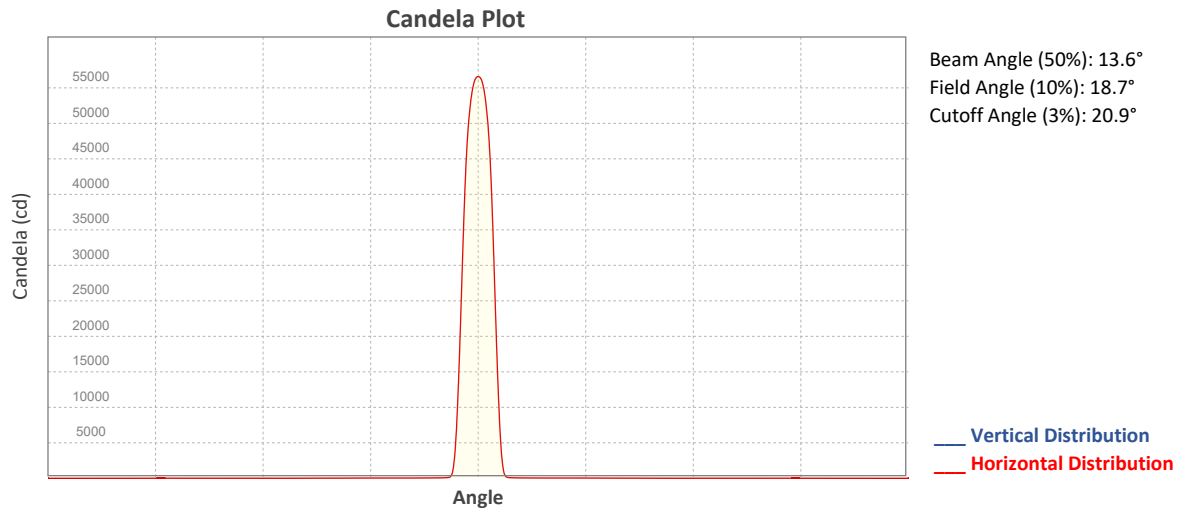


### Beam Intensities from 1-20m (3.3-65.6ft)

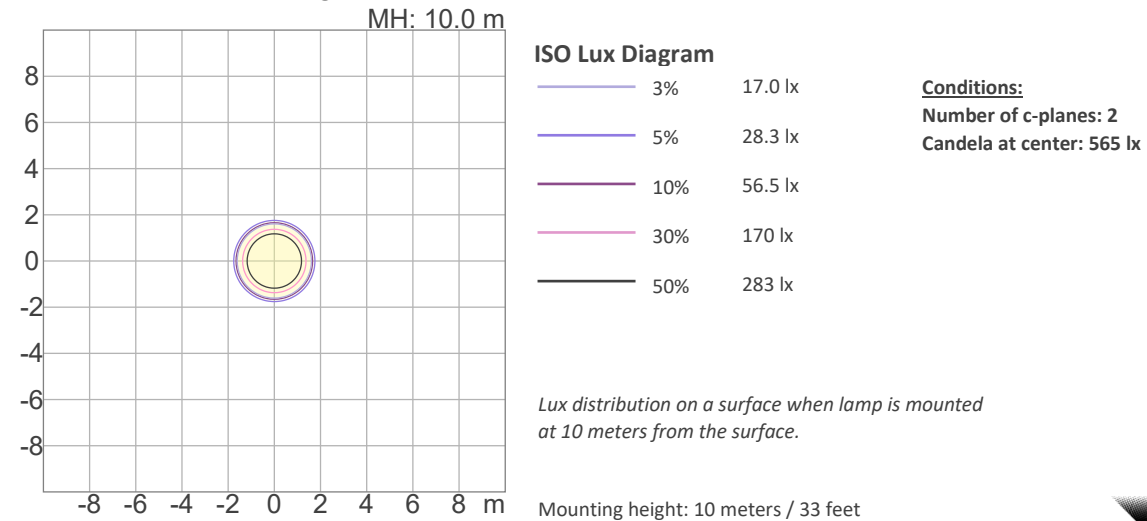
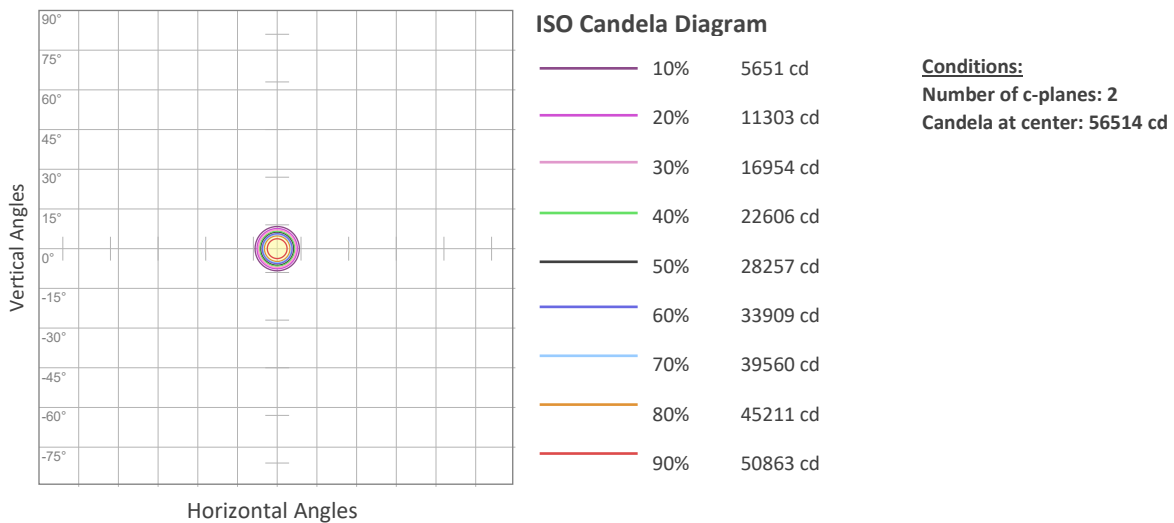
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	56514	14129	6279	3532	2261	1570	1153	883	698	565
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	467	392	334	288	251	221	196	174	157	141
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5250	1313	583	328	210	146	107	82	65	53
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	43	36	31	27	23	21	18	16	15	13

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Auto



## ISO Diagrams

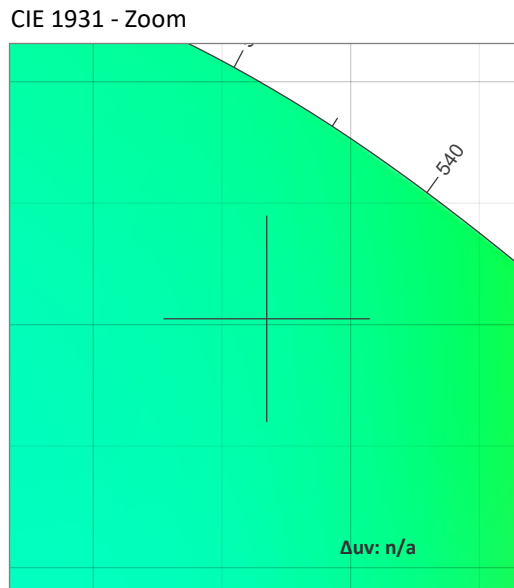
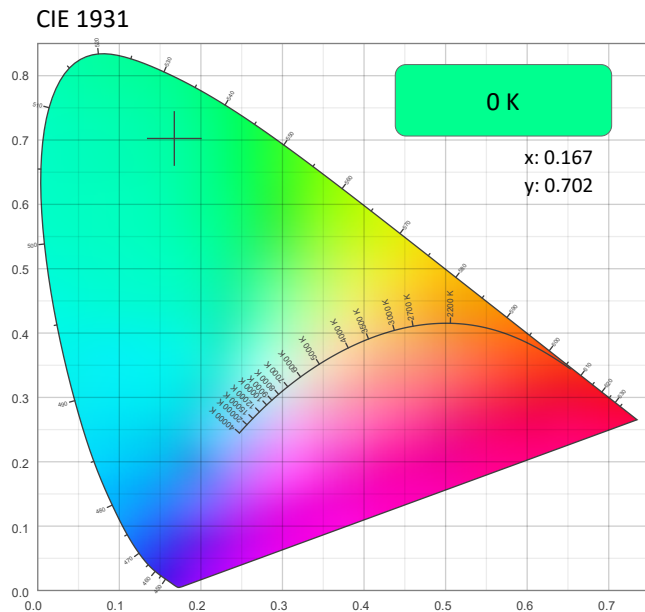




# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Auto

## 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	0.167	0.702

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.702	0.060

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

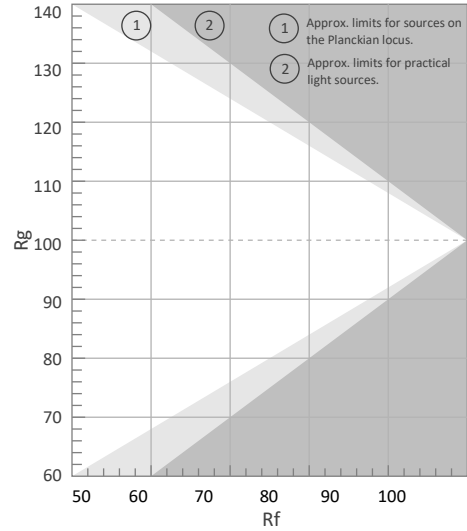
Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to Auto

## TM-30 Details

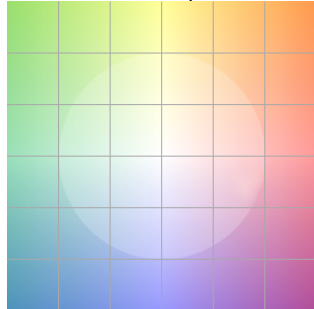
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

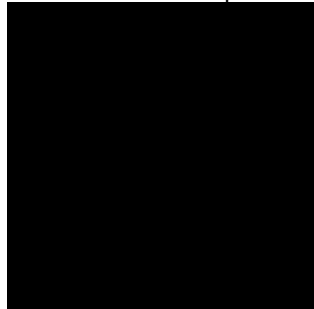
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



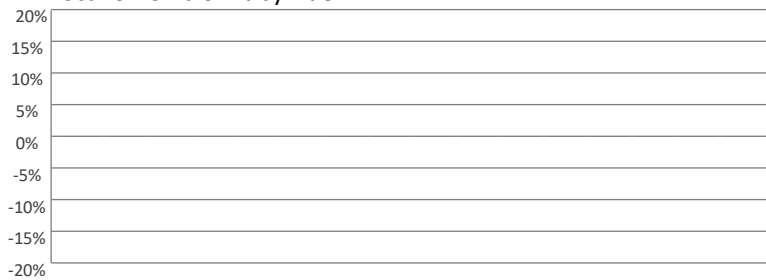
Color Distortion Graphic



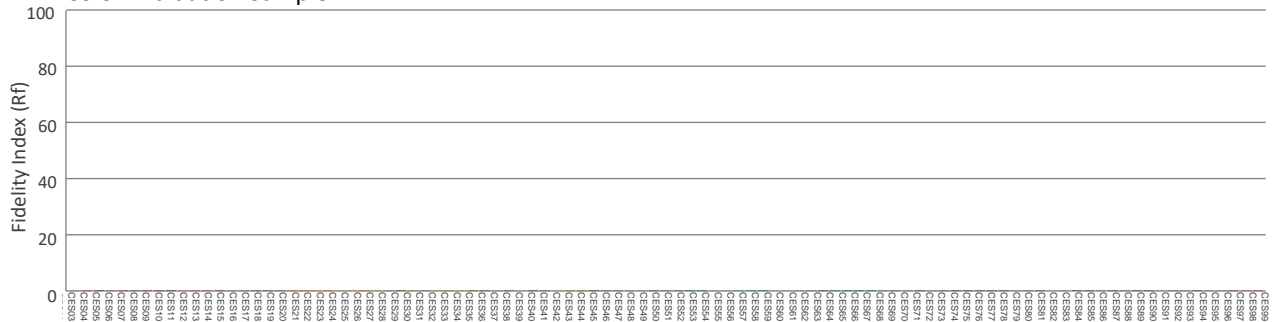
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to ECO

## Report Summary

### Measurements

Fixture Output: 4362 lm  
Fixture Peak: 83155 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3326 lux  
Color Temperature: 8006 K  
CRI: 71.3      CRI R9 Value: 0.8  
CQS: 66.4  
TLCI: 44  
TM-30 Rf: 66.7  
TM-30 Rg: 97.3  
Beam Angle (50%): 13.9°  
Field Angle (10%): 18.9°  
Cutoff Angle (3%): 21.4°

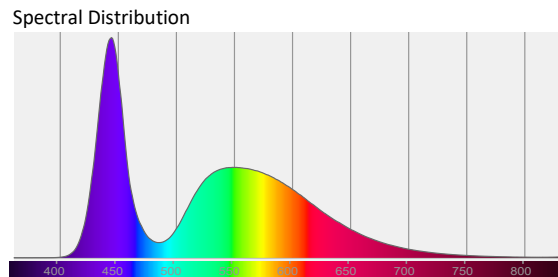
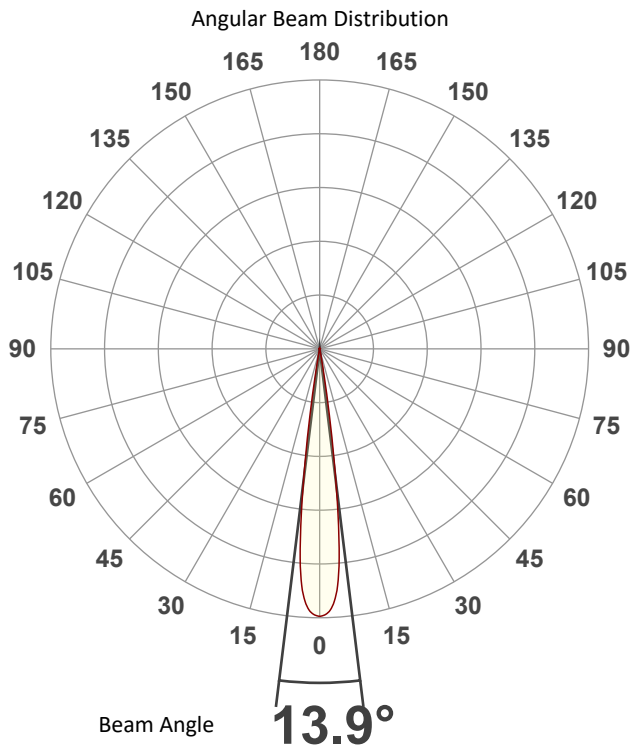


### Conditions

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 5/11/2022 to LM-63-2002 Standards.

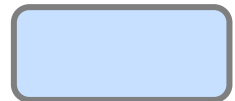
## Overall Measurement



Tested Color (CIE 1931):

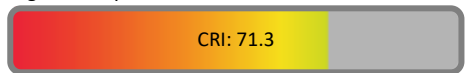
X: 0.299

Y: 0.293



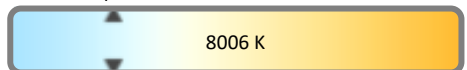
Light Quality

CRI: 71.3



Color Temperature

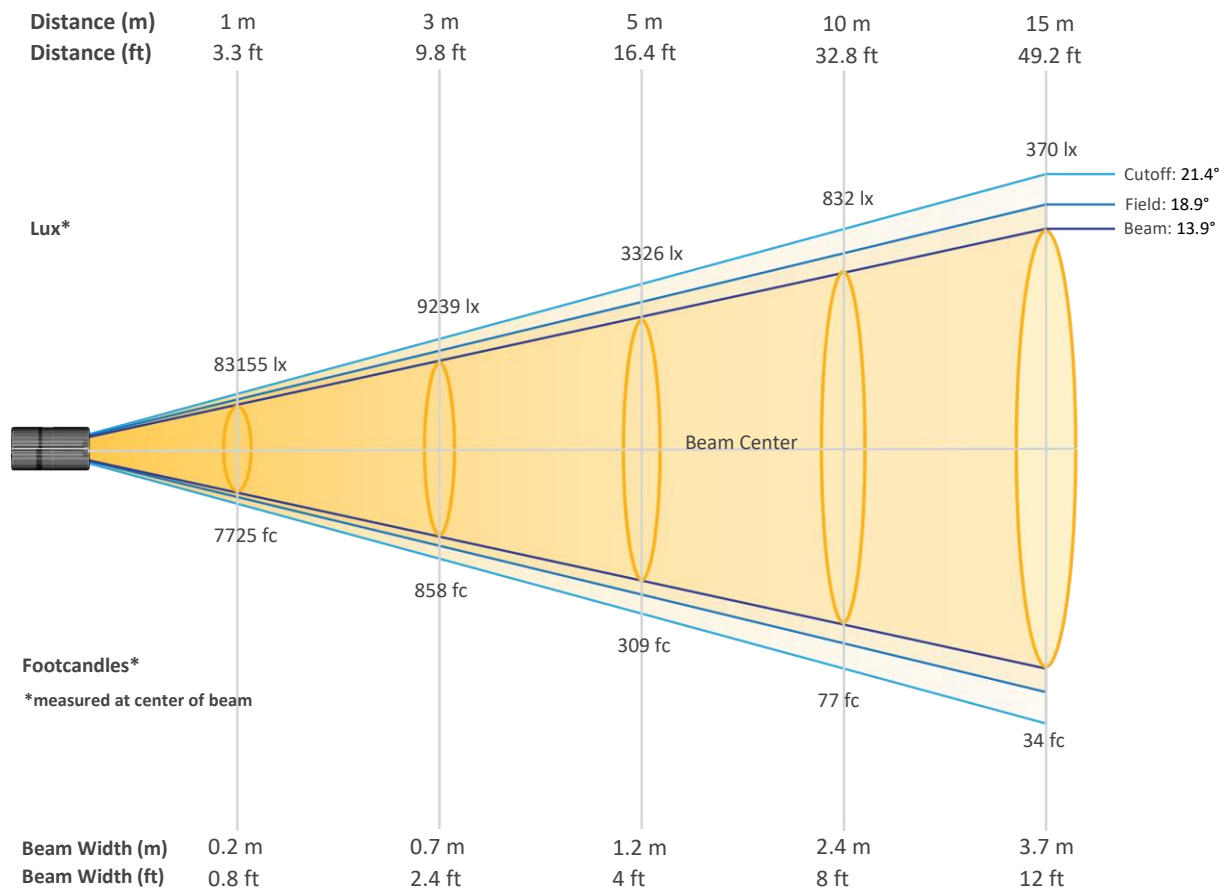
8006 K



# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Cali Off - Fan set to ECO

## Beam Details

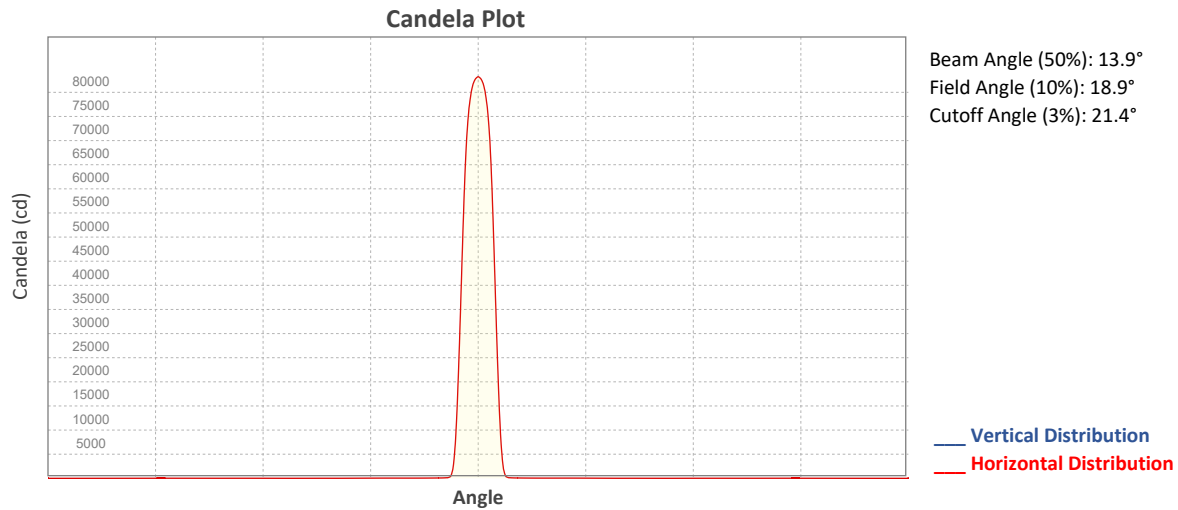


### Beam Intensities from 1-20m (3.3-65.6ft)

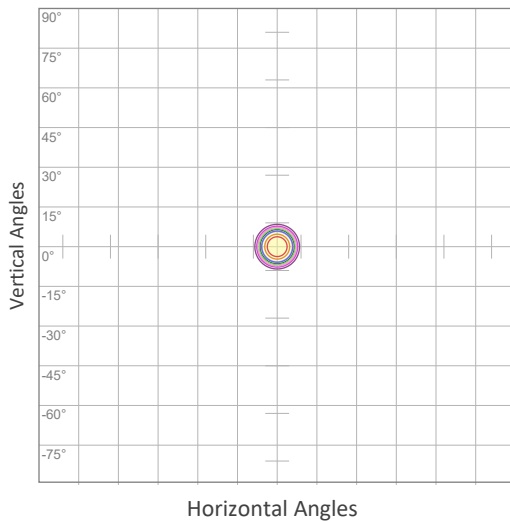
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	83155	20789	9239	5197	3326	2310	1697	1299	1027	832
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	687	577	492	424	370	325	288	257	230	208
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7725	1931	858	483	309	215	158	121	95	77
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	64	54	46	39	34	30	27	24	21	19

# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to ECO



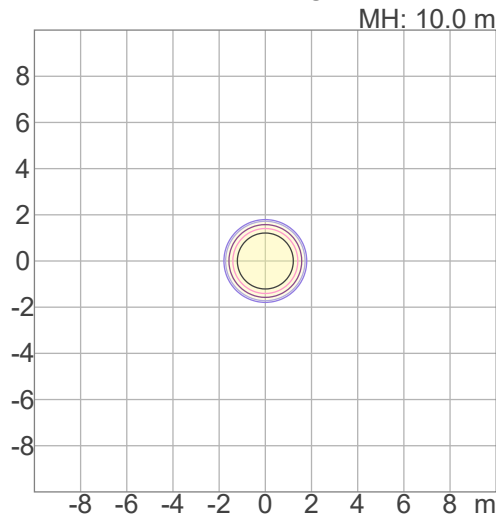
## ISO Diagrams



**ISO Candela Diagram**

10%	8315 cd
20%	16631 cd
30%	24946 cd
40%	33262 cd
50%	41577 cd
60%	49893 cd
70%	58208 cd
80%	66524 cd
90%	74839 cd

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 83155 cd



**ISO Lux Diagram**

3%	24.9 lx
5%	41.6 lx
10%	83.2 lx
30%	249 lx
50%	416 lx

**Conditions:**  
 Number of c-planes: 2  
 Candela at center: 832 lx

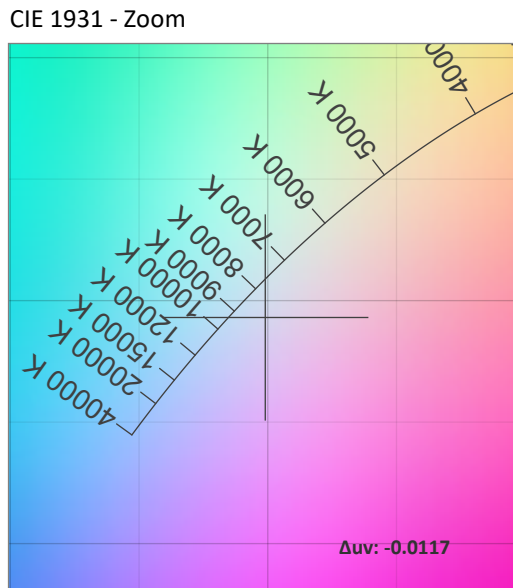
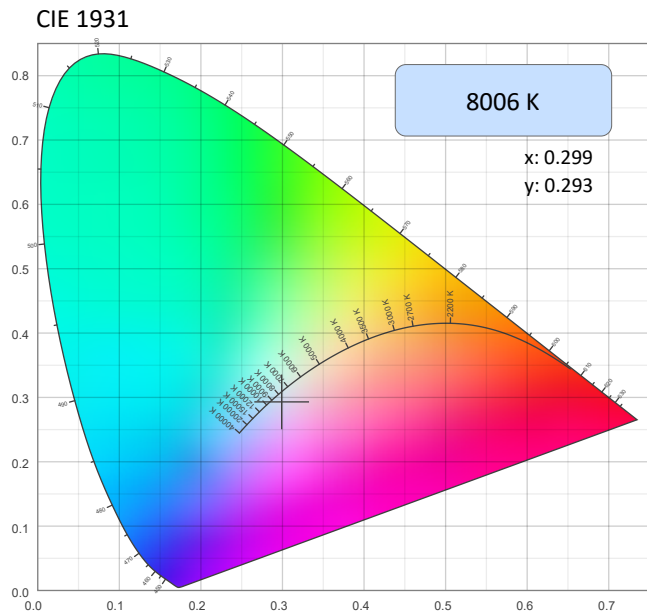
*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

Mounting height: 10 meters / 33 feet

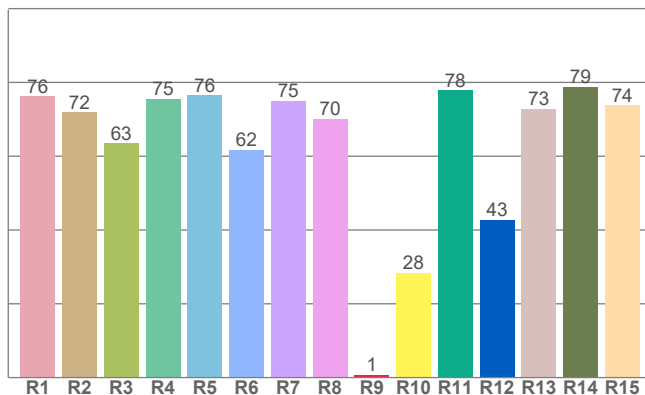
# Photometric & Chromaticity Report

Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to ECO

## Chromaticity



CRI: 71.3 (R1-R8)

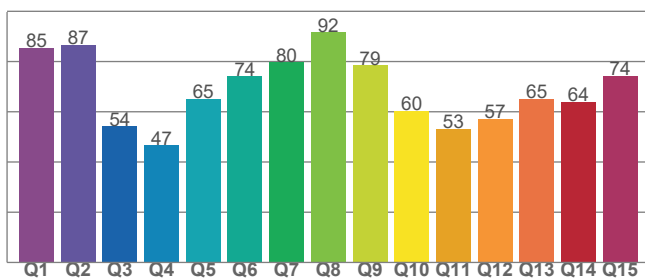


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8006 K	0.299	0.293

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0117	0.293	0.202

CQS: 66.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.3	0.8	66.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	66.7	97.3

# Photometric & Chromaticity Report

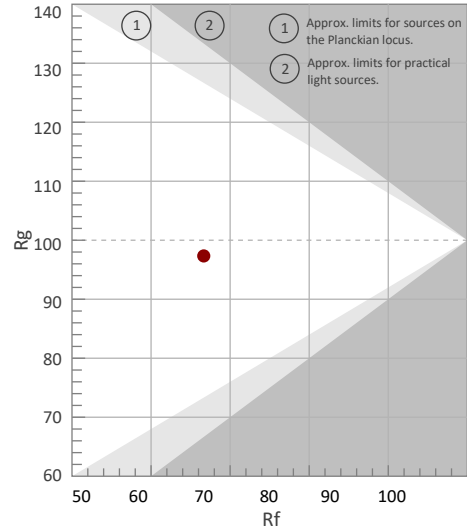
Maverick Storm 2 BeamWash: 50% Zoom - White Only - Calibration Off - Fan set to ECO

## TM-30 Details

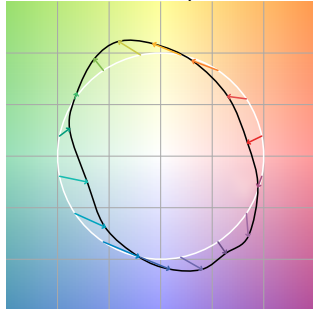
**Rf 66.7**  
Fidelity Index (Rg)

**Rg 97.3**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	72	-15%	-4%
2	68	-14%	12%
3	59	-6%	26%
4	53	5%	28%
5	62	17%	18%
6	78	14%	1%
7	91	2%	-6%
8	79	-8%	-9%
9	75	-25%	11%
10	55	-17%	27%
11	26	-7%	37%
12	59	6%	30%
13	71	15%	18%
14	76	13%	0%
15	75	14%	-17%
16	81	-2%	-11%



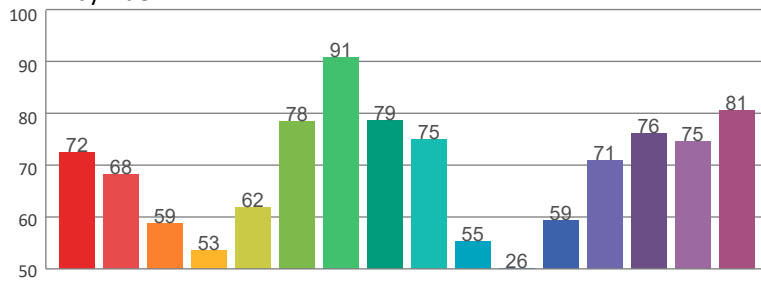
Color Vector Graphic



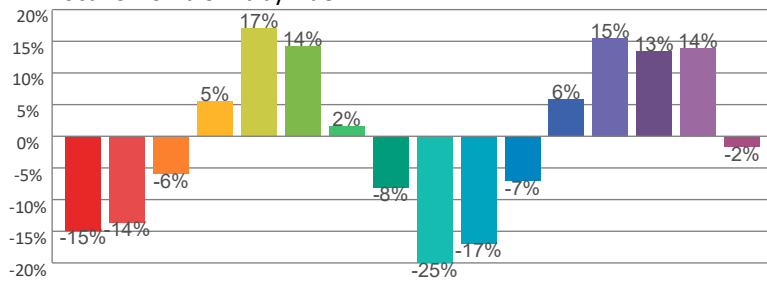
Color Distortion Graphic



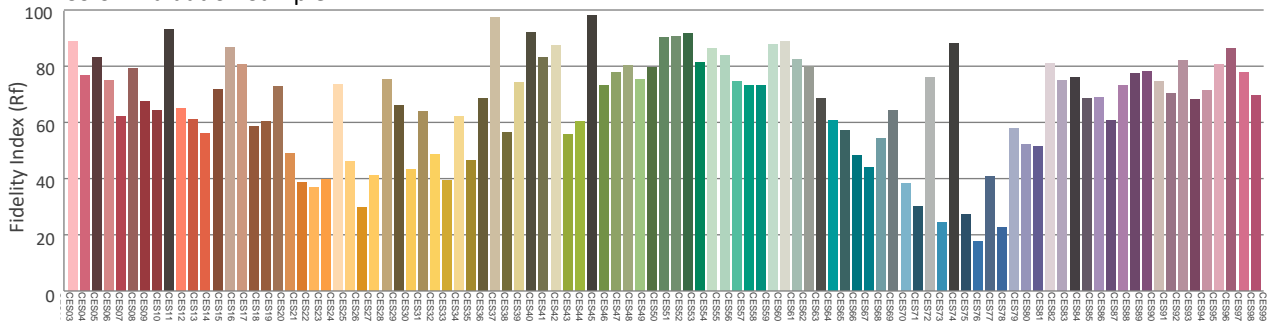
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



## Contact Us

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