

PHOTOMETRICS REPORT

# MAVERICK FORCE 2 SOLOWASH



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

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

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

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

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

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

# Photometrics & Chromaticity Reports



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power

## Report Summary

### Measurements

Fixture Output: 30640 lm  
Fixture Peak: 99721 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3989 lux  
Color Temperature: 7308 K  
CRI: 70.4    CRI R9 Value: -30.7  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.8  
TM-30 Rg: 94.9  
Beam Angle (50%): 32.8°  
Field Angle (10%): 49.5°  
Cutoff Angle (3%): 55.7°

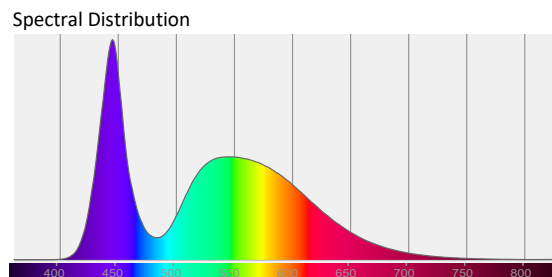
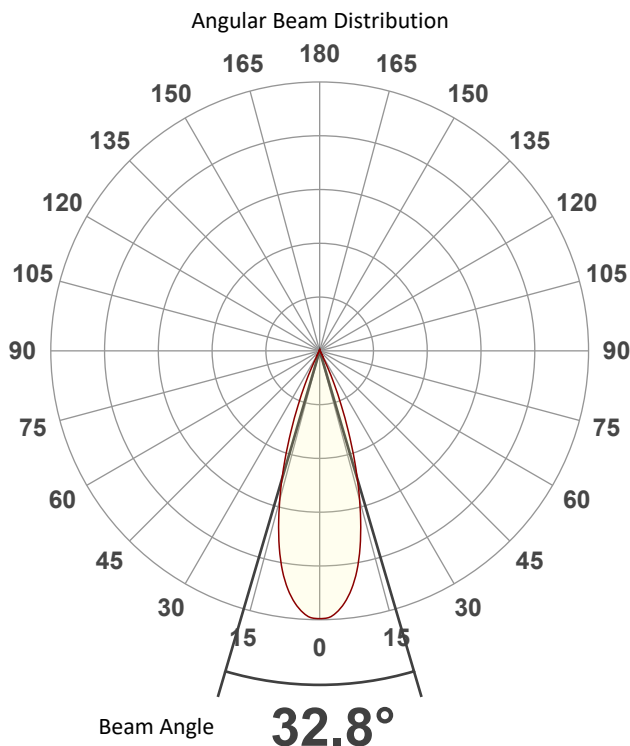


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.302  
Y: 0.317

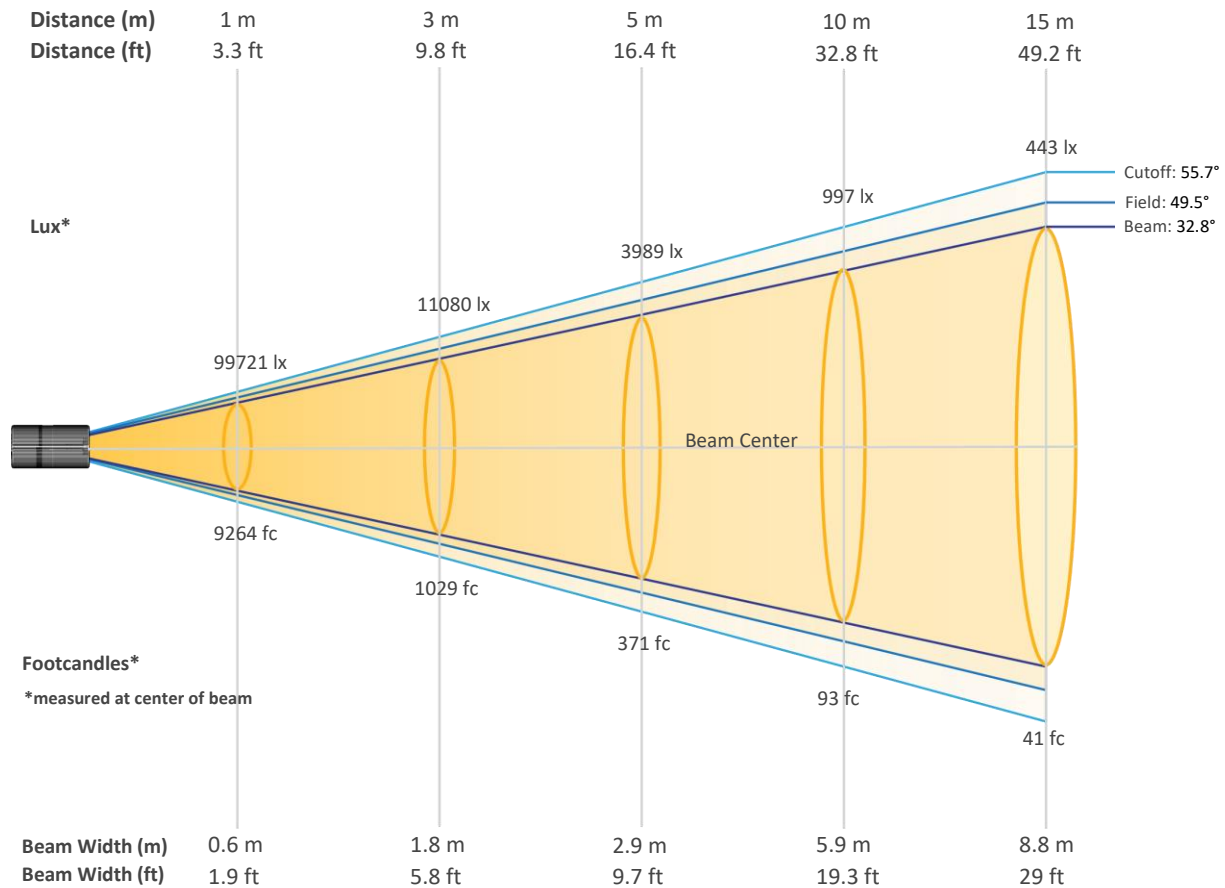
Light Quality  
CRI: 70.4

Color Temperature  
7308 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power

## Beam Details

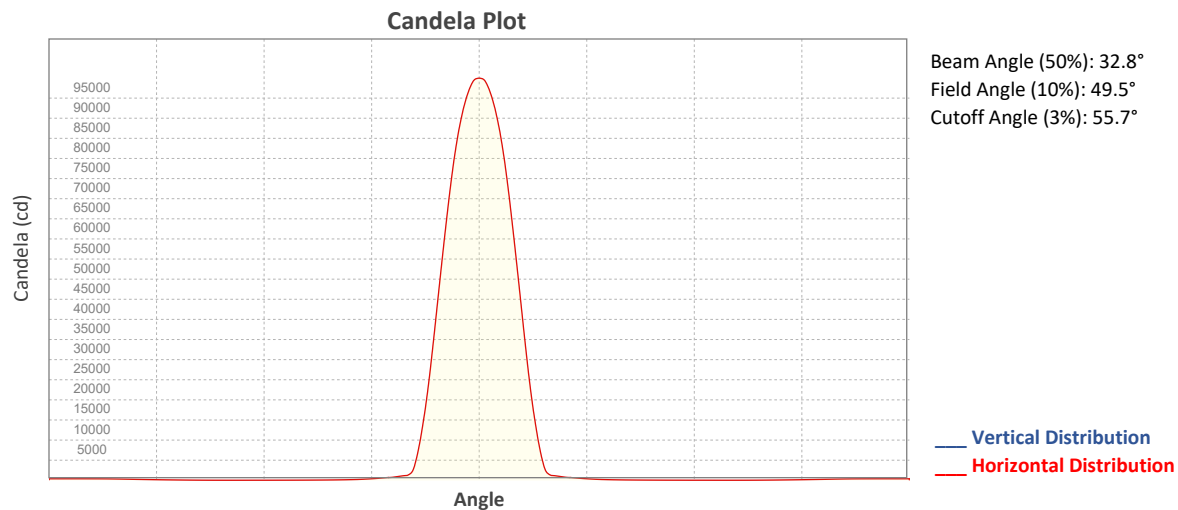


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99721	24930	11080	6233	3989	2770	2035	1558	1231	997
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	824	693	590	509	443	390	345	308	276	249
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	9264	2316	1029	579	371	257	189	145	114	93
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	77	64	55	47	41	36	32	29	26	23

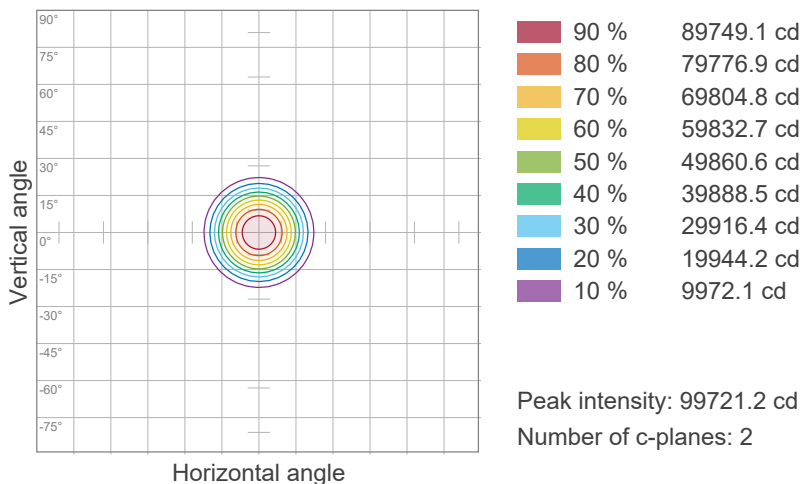
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power

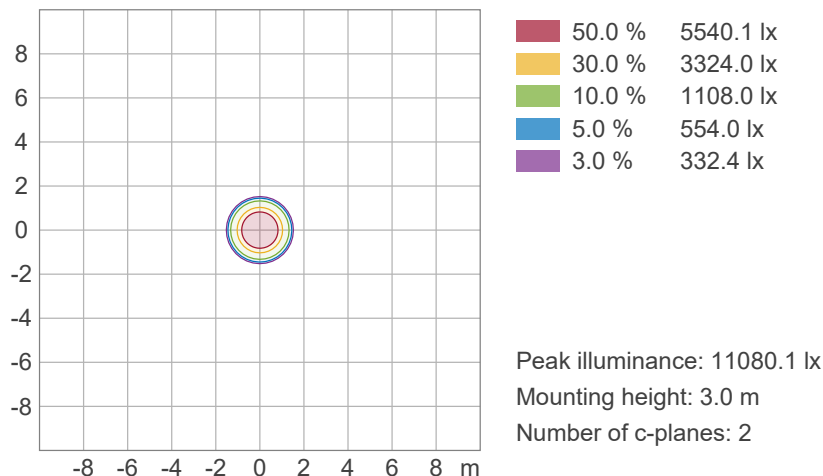


## ISO Diagrams

**ISO Candela Diagram**



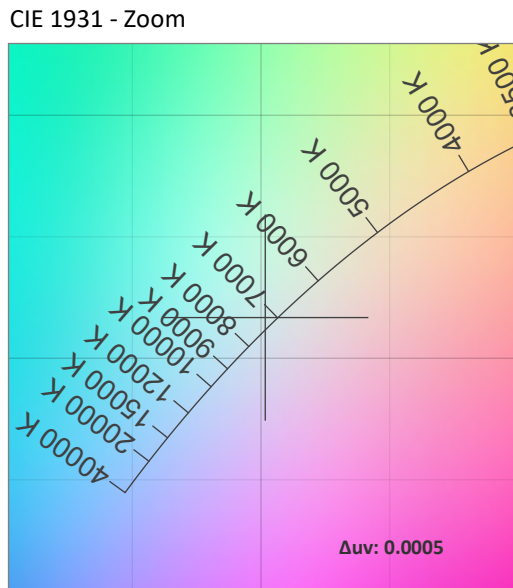
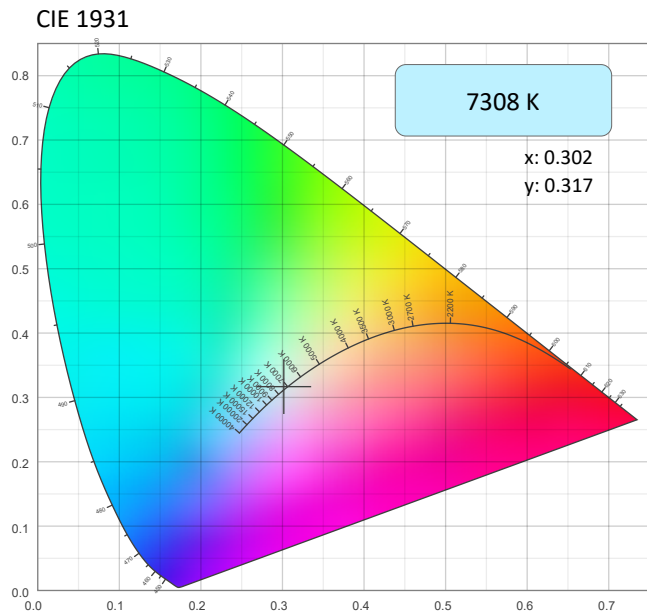
**ISO Lux Diagram**



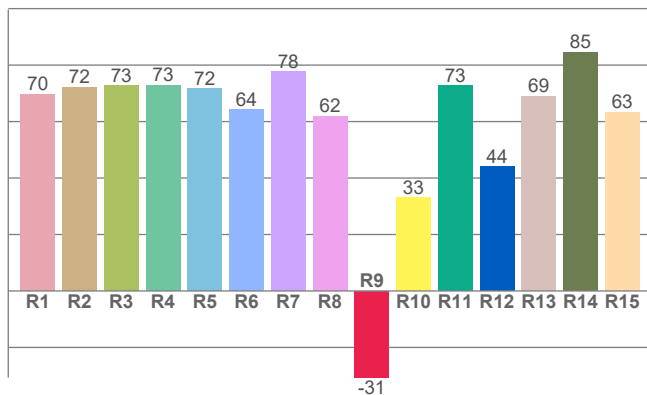
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power

## Chromaticity



CRI: 70.4 (R1-R8)

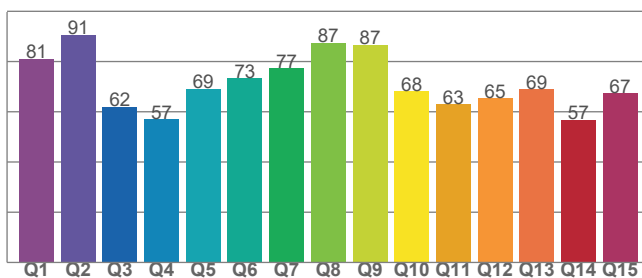


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7308 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0005	0.317	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.4	-30.7	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.8	94.9

# Photometric & Chromaticity Report

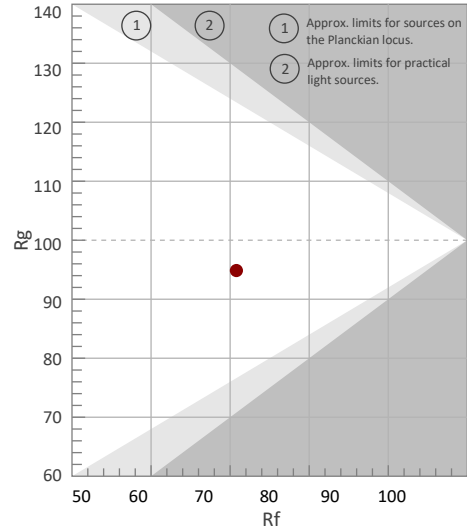
Maverick Force 2 Solo Wash: Full Flood - Full Power

## TM-30 Details

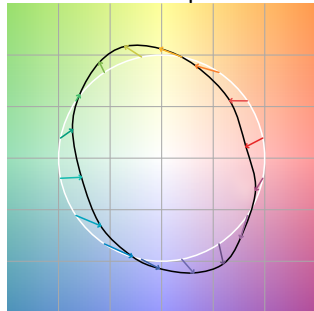
**Rf 70.8**  
Fidelity Index  
(Rg)

**Rg 94.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	41	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	75	-5%	-13%



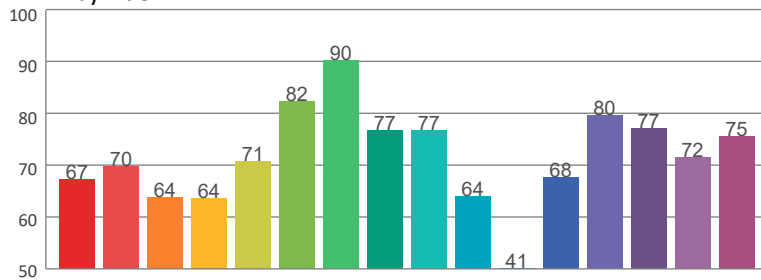
Color Vector Graphic



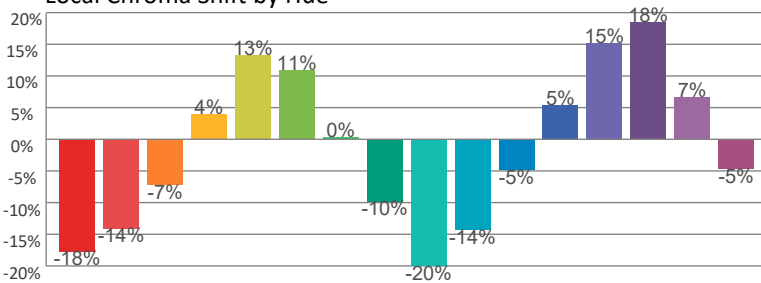
Color Distortion Graphic



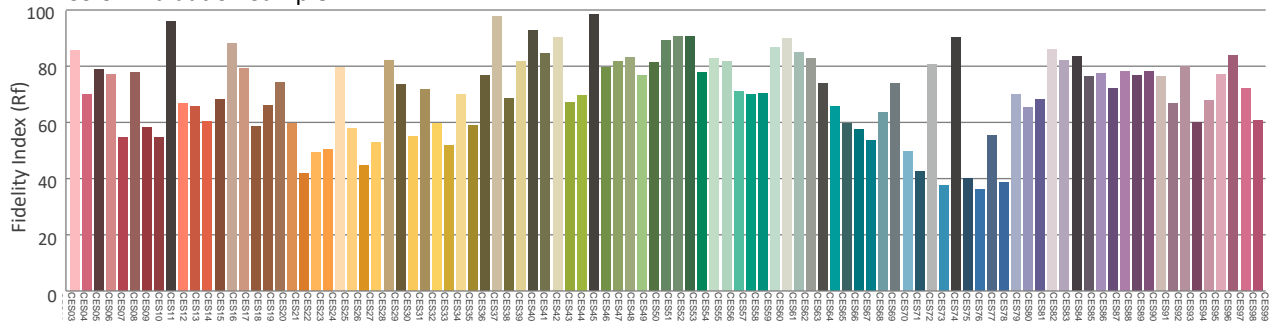
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - Auto

## Report Summary

### Measurements

Fixture Output: 30262 lm  
Fixture Peak: 99028 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3961 lux  
Color Temperature: 7326 K  
CRI: 70.5    CRI R9 Value: -30.1  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.9  
TM-30 Rg: 94.8  
Beam Angle (50%): 32.6°  
Field Angle (10%): 49.3°  
Cutoff Angle (3%): 55.2°

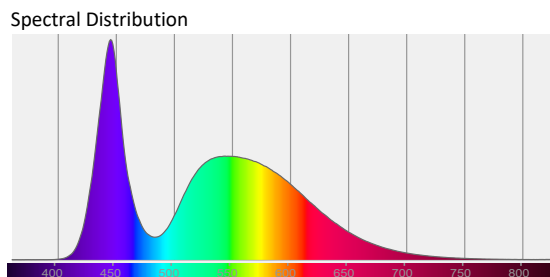
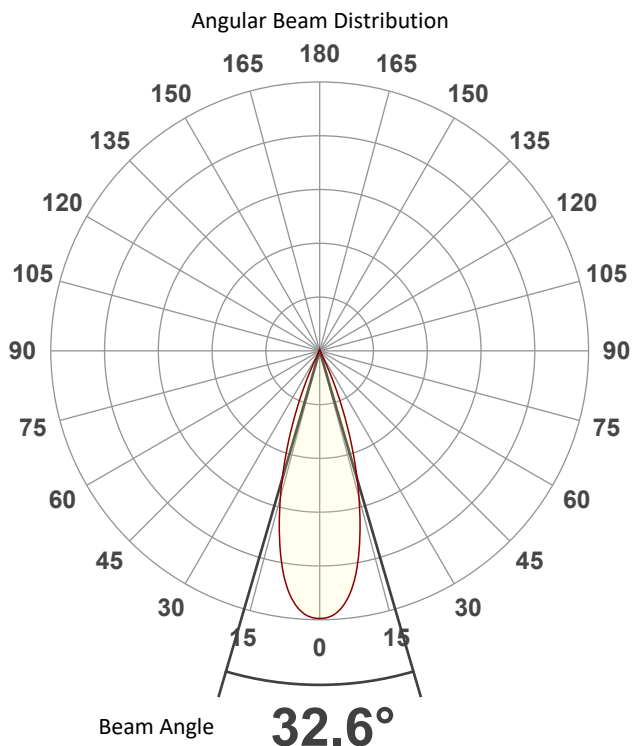


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

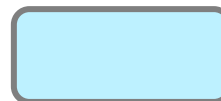
## Overall Measurement



Tested Color (CIE 1931):

X: 0.301

Y: 0.316



Light Quality

CRI: 70.5

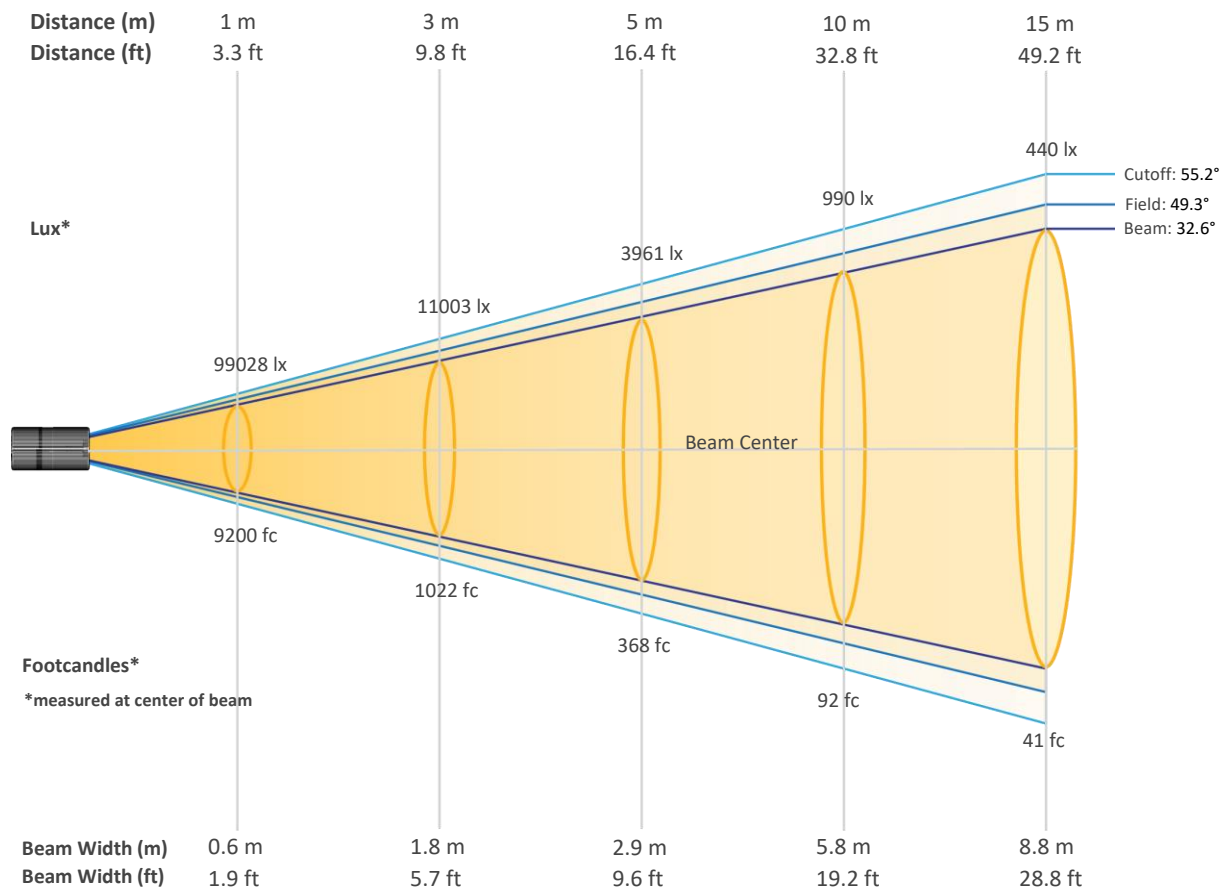
Color Temperature

7326 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - Auto

## Beam Details

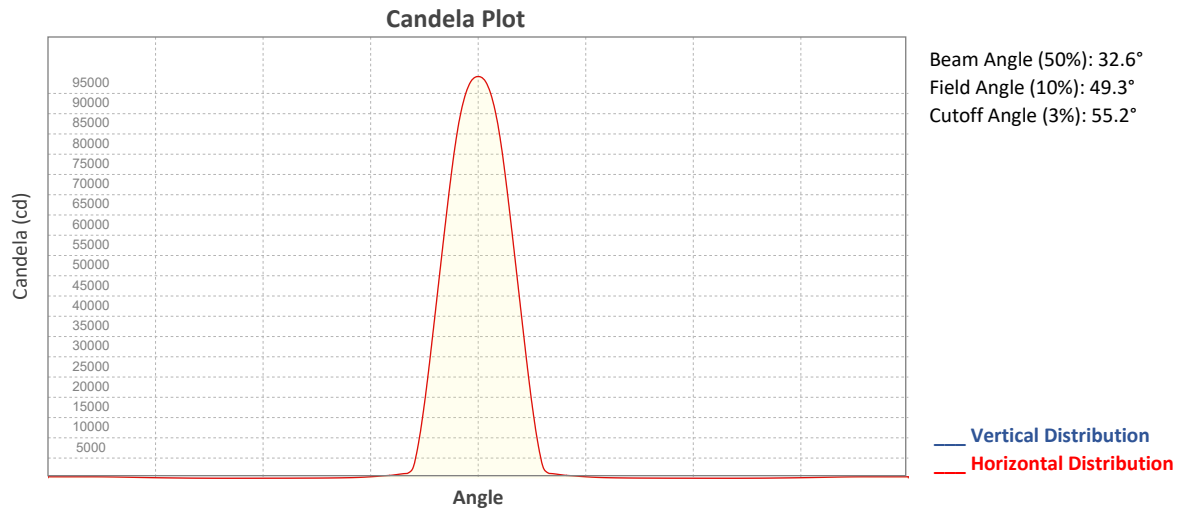


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99028	24757	11003	6189	3961	2751	2021	1547	1223	990
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	818	688	586	505	440	387	343	306	274	248
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	9200	2300	1022	575	368	256	188	144	114	92
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	76	64	54	47	41	36	32	28	25	23

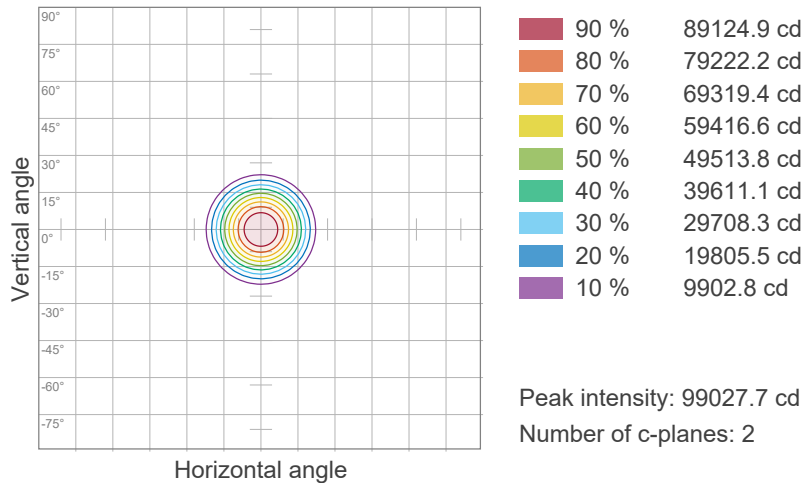
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - Auto

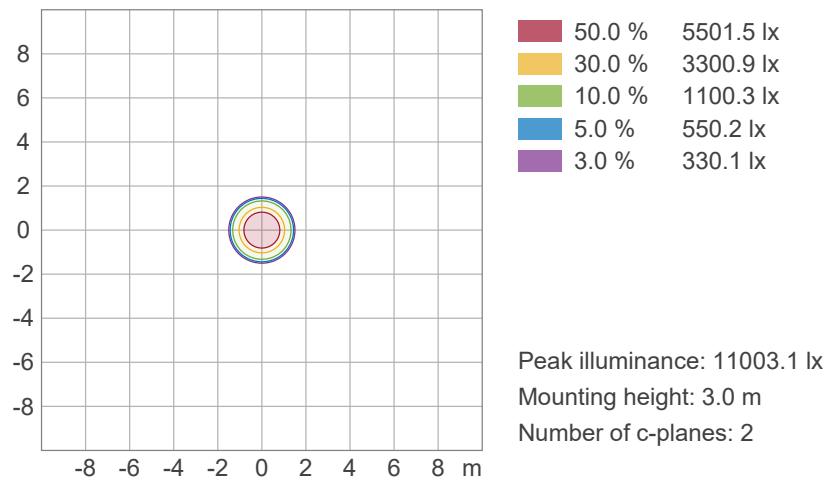


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram



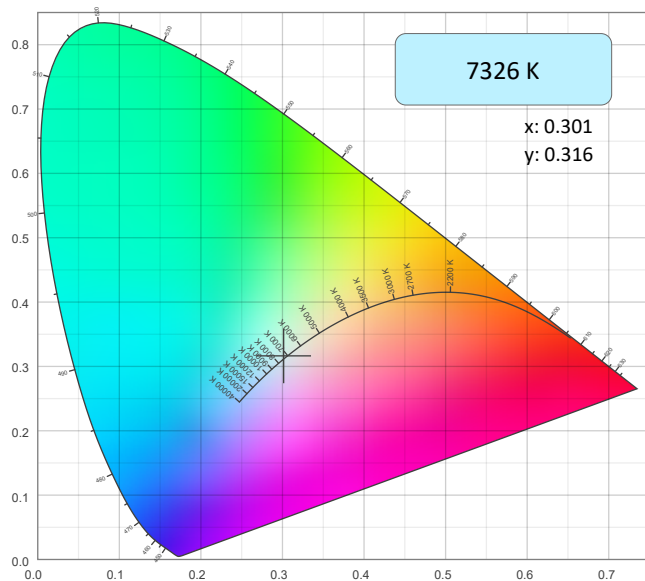


# Photometric & Chromaticity Report

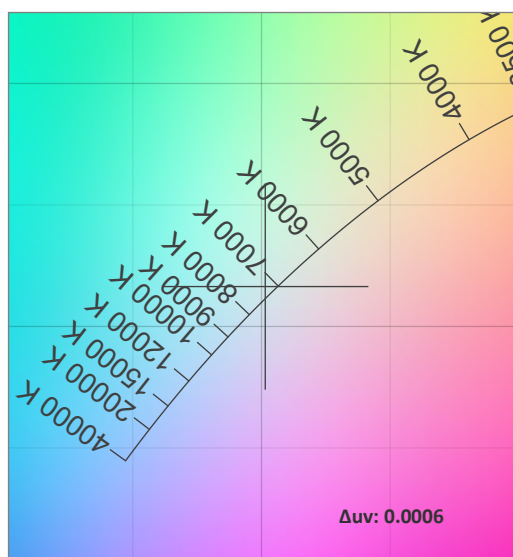
Maverick Force 2 Solo Wash: Full Flood - Full Power - Auto

## Chromaticity

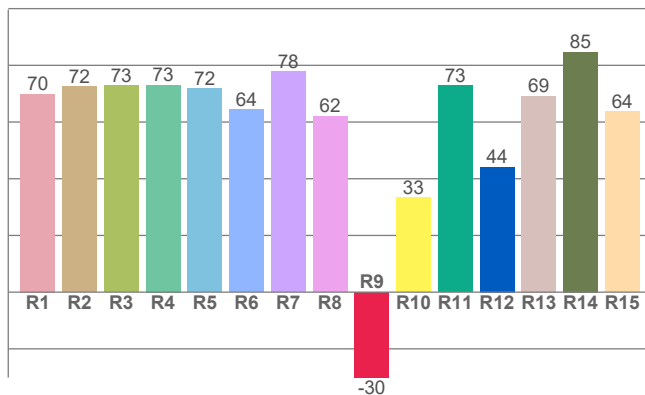
CIE 1931



CIE 1931 - Zoom



CRI: 70.5 (R1-R8)

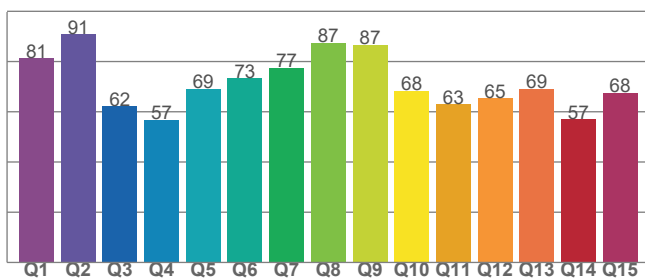


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7326 K	0.301	0.316

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0006	0.316	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.5	-30.1	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.9	94.8

# Photometric & Chromaticity Report

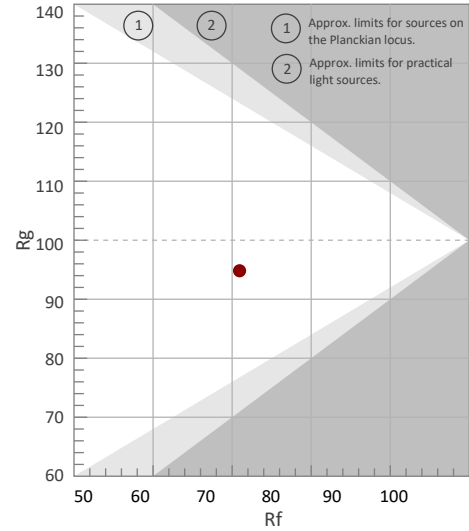
Maverick Force 2 Solo Wash: Full Flood - Full Power - Auto

## TM-30 Details

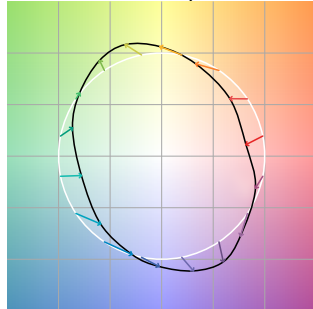
**Rf 70.9**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	83	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	76	-5%	-13%



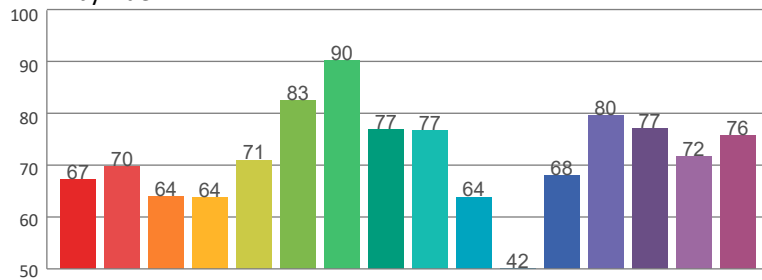
Color Vector Graphic



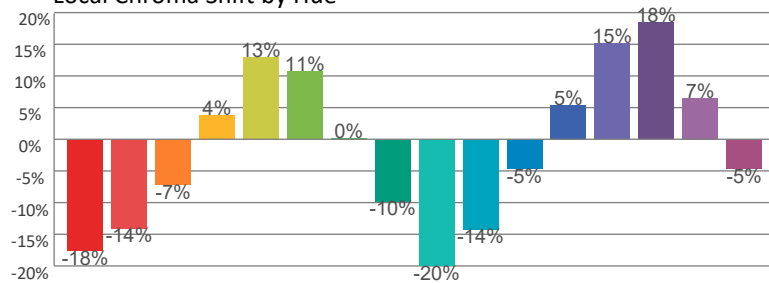
Color Distortion Graphic



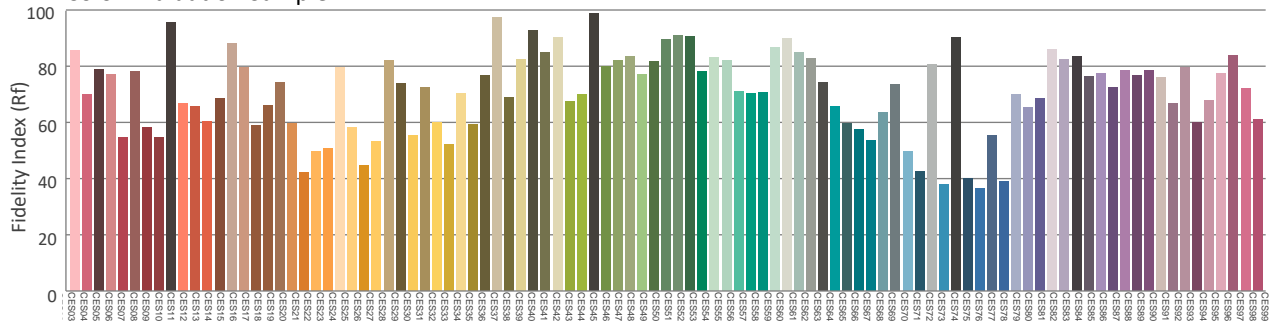
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - ECO

## Report Summary

### Measurements

Fixture Output: 27951 lm  
Fixture Peak: 91912 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 3676 lux  
Color Temperature: 7311 K  
CRI: 70.4    CRI R9 Value: -30.8  
CQS: 69.7  
TLCI: 48  
TM-30 Rf: 70.8  
TM-30 Rg: 94.8  
Beam Angle (50%): 32.5°  
Field Angle (10%): 49.3°  
Cutoff Angle (3%): 56.1°

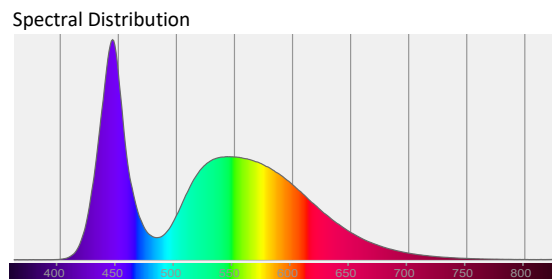
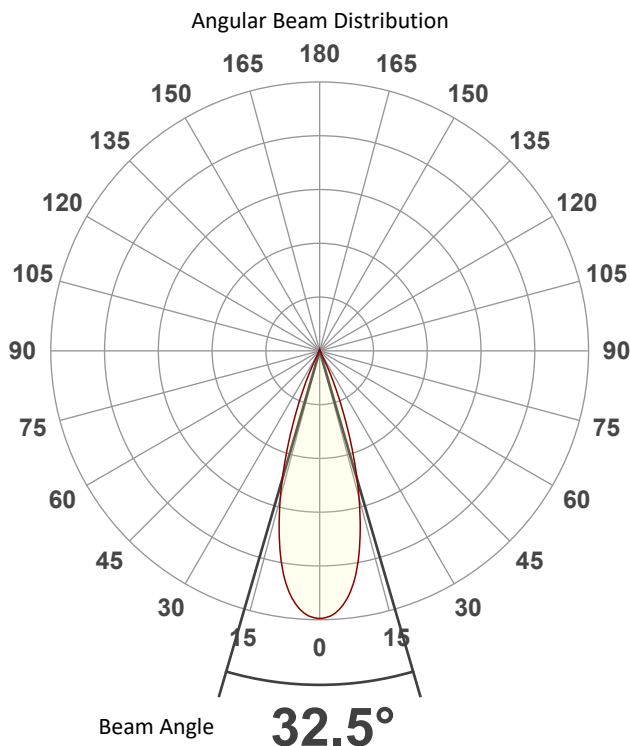


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.302  
Y: 0.317

Light Quality  
CRI: 70.4

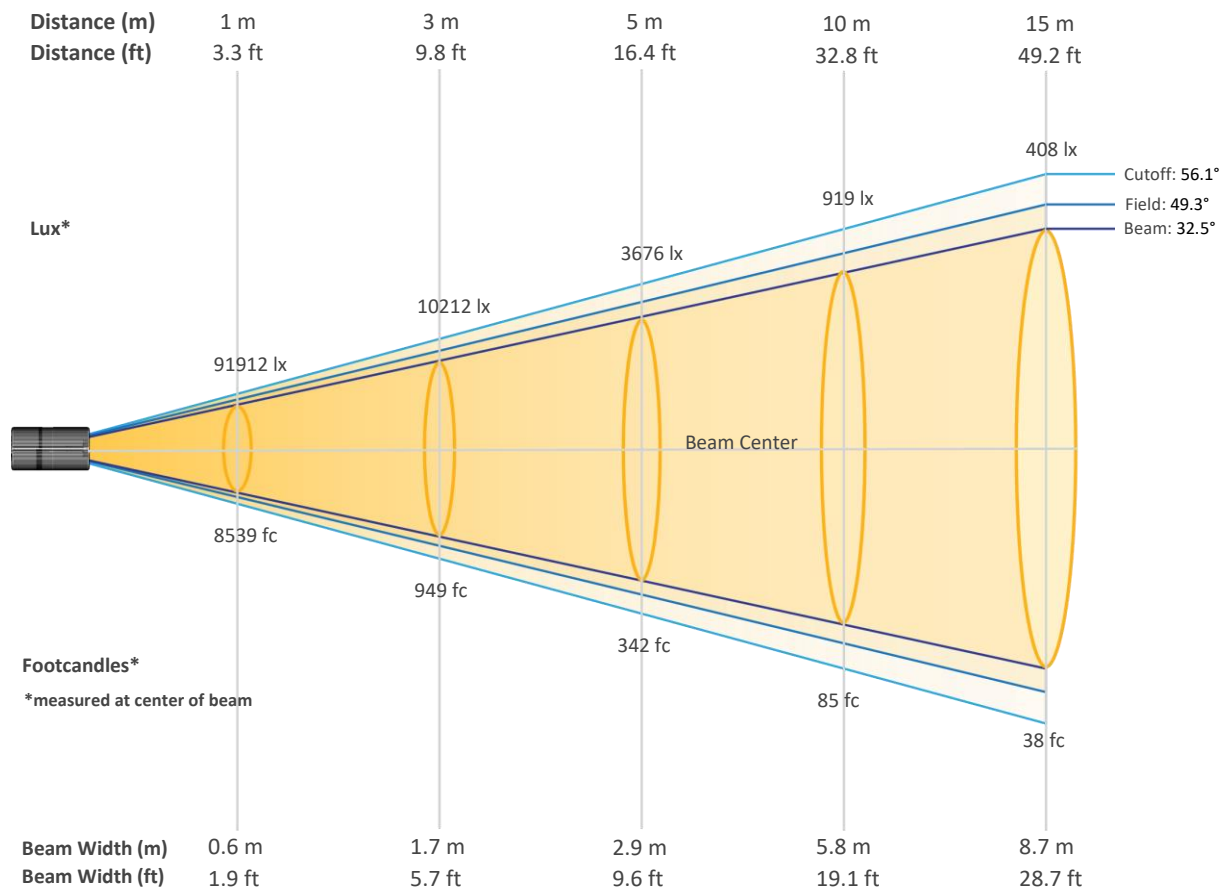
Color Temperature  
7311 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - ECO

## Beam Details

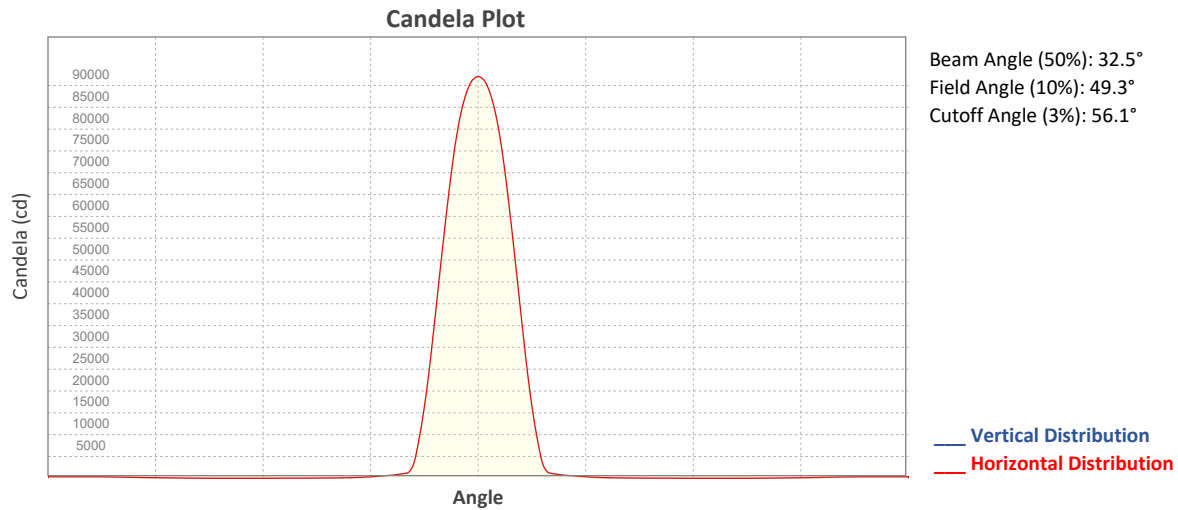


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	91912	22978	10212	5745	3676	2553	1876	1436	1135	919
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	760	638	544	469	408	359	318	284	255	230
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8539	2135	949	534	342	237	174	133	105	85
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	71	59	51	44	38	33	30	26	24	21

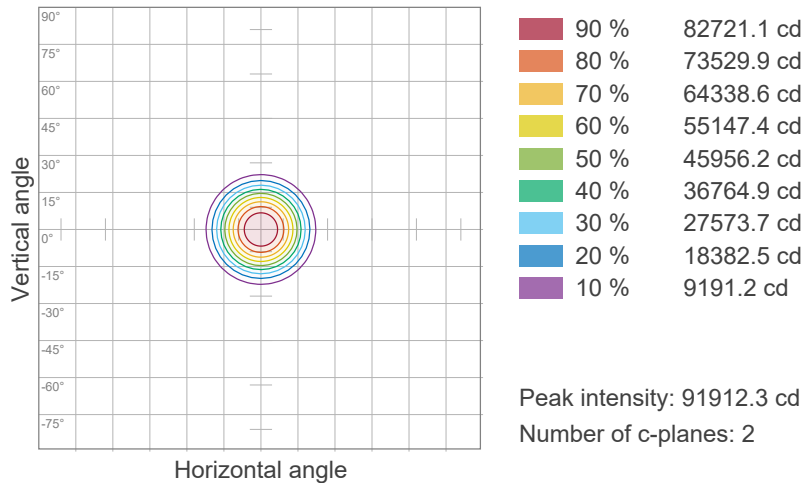
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - ECO

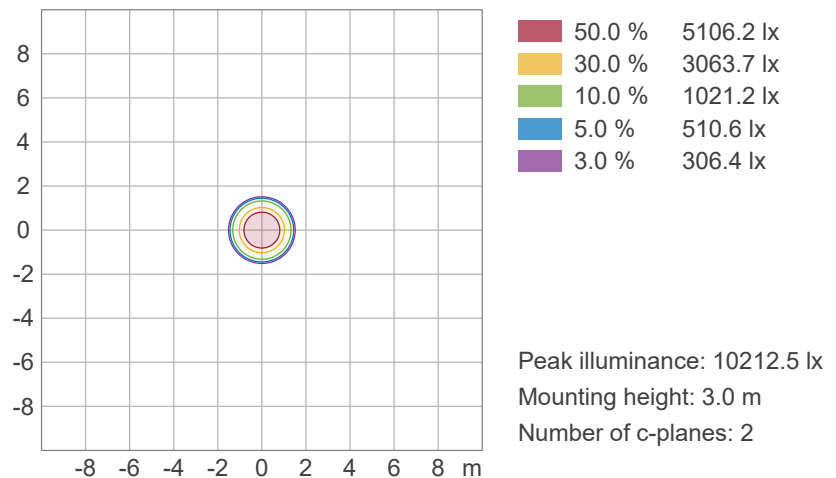


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

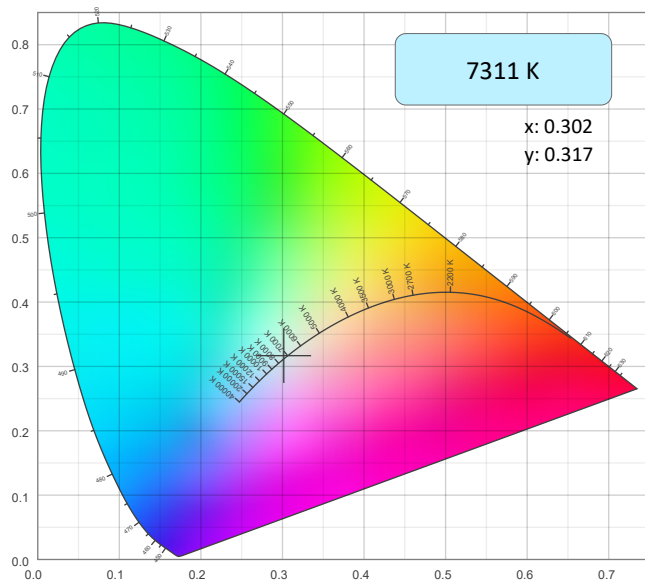


# Photometric & Chromaticity Report

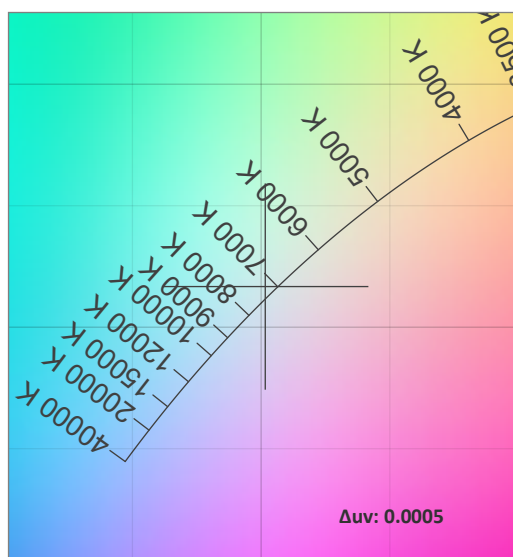
Maverick Force 2 Solo Wash: Full Flood - Full Power - ECO

## Chromaticity

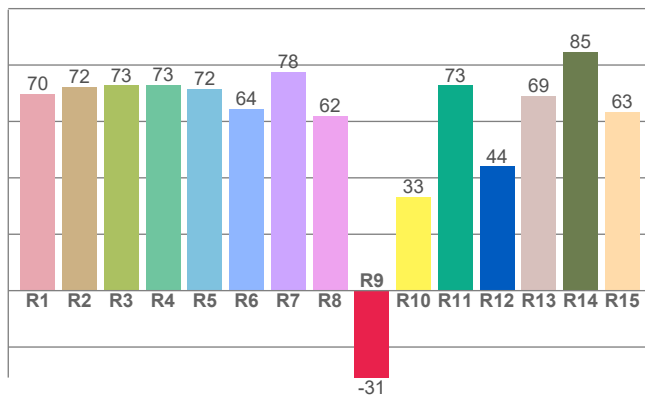
CIE 1931



CIE 1931 - Zoom



CRI: 70.4 (R1-R8)

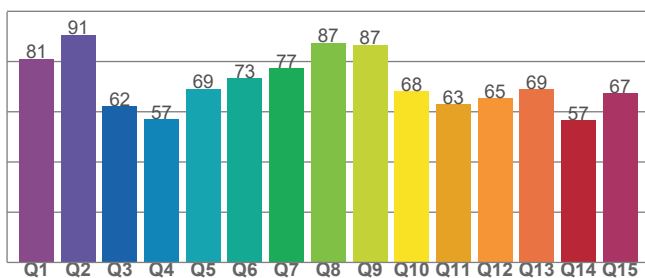


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7311 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0005	0.317	0.195

CQS: 69.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.4	-30.8	69.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.8	94.8

# Photometric & Chromaticity Report

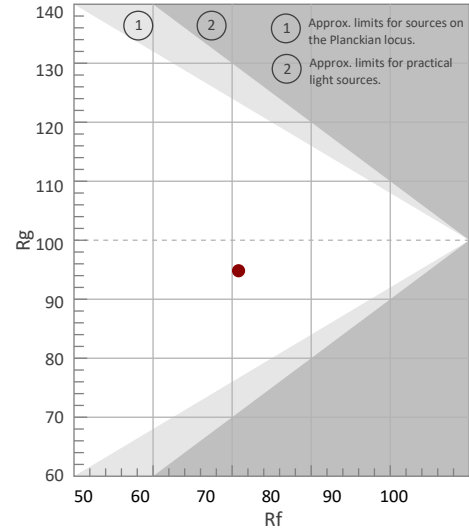
Maverick Force 2 Solo Wash: Full Flood - Full Power - ECO

## TM-30 Details

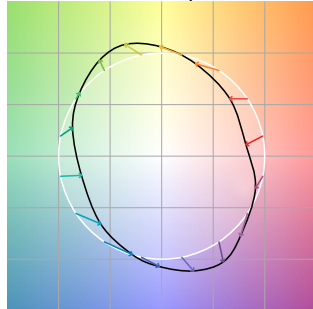
**Rf 70.8**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	75	-5%	-13%



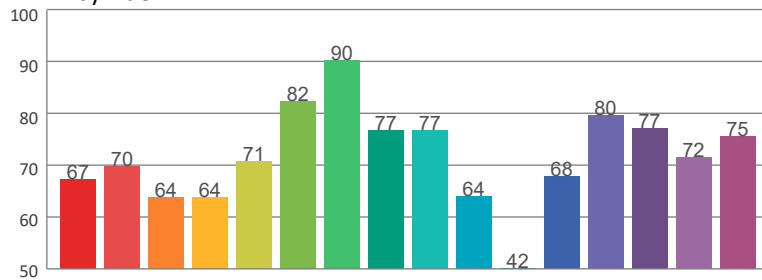
Color Vector Graphic



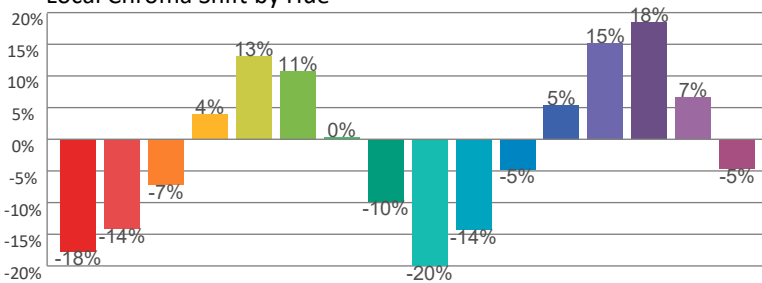
Color Distortion Graphic



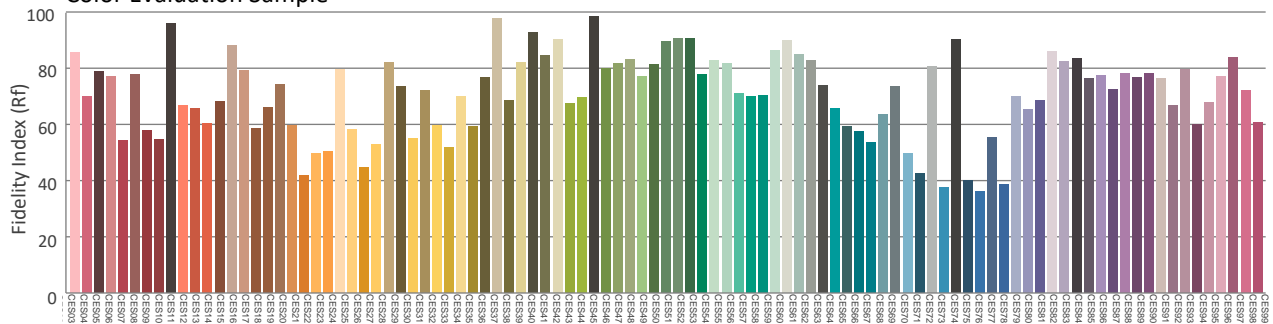
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV25

## Report Summary

### Measurements

Fixture Output: 19667 lm  
Fixture Peak: 64539 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2582 lux  
Color Temperature: 7224 K  
CRI: 69.8    CRI R9 Value: -33.2  
CQS: 69.6  
TLCI: 47  
TM-30 Rf: 70.4  
TM-30 Rg: 94.8  
Beam Angle (50%): 32.5°  
Field Angle (10%): 49.3°  
Cutoff Angle (3%): 56.2°

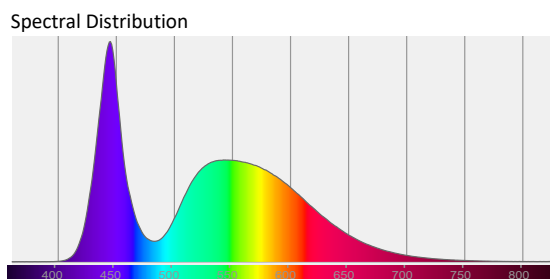
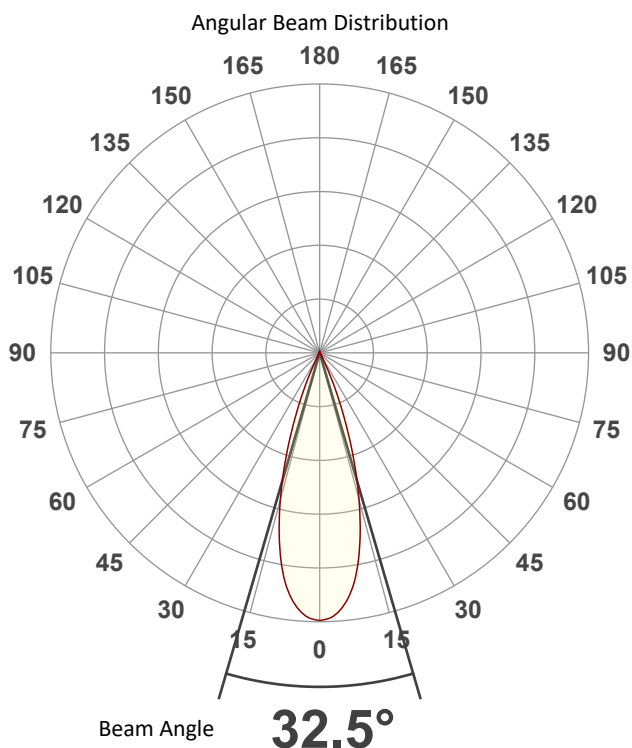


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

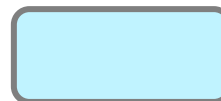
## Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.319



Light Quality

CRI: 69.8

Color Temperature

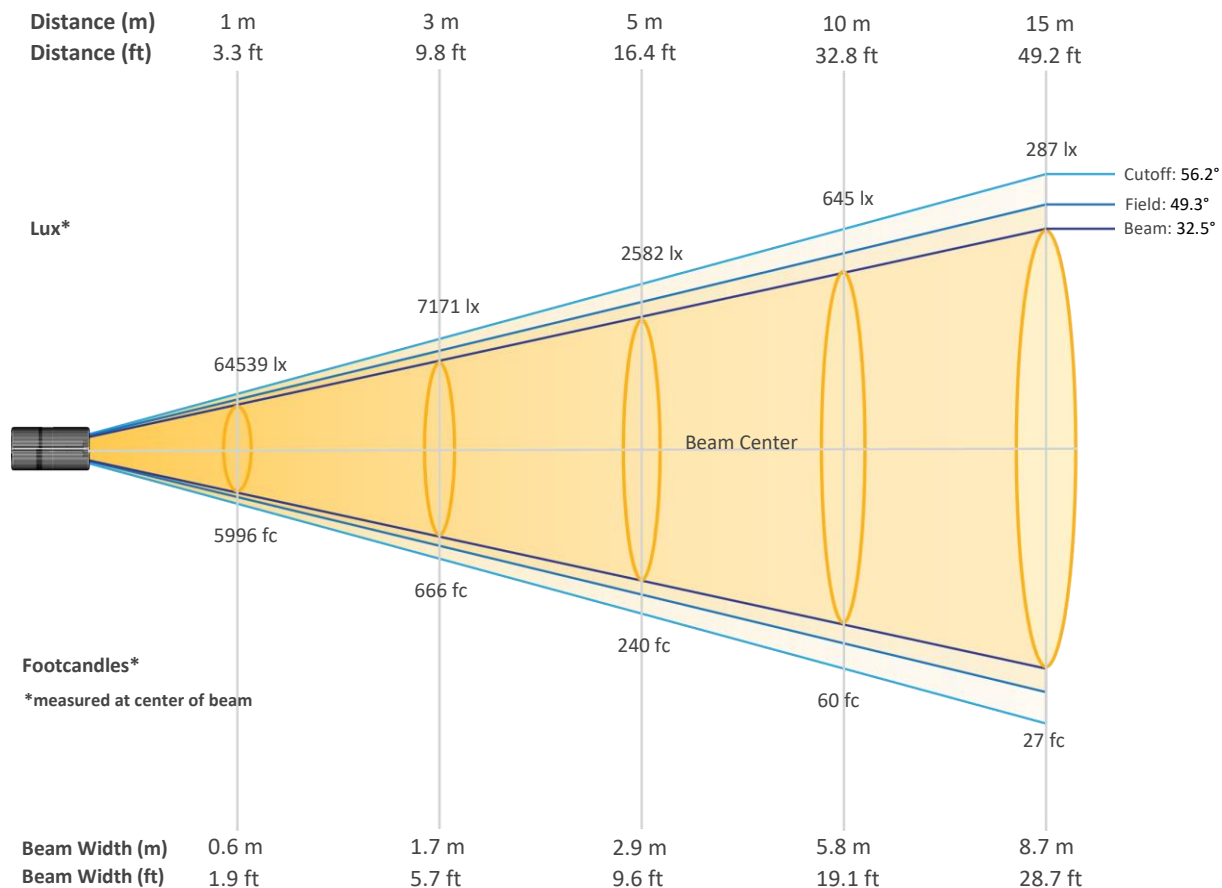
7224 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV25

## Beam Details

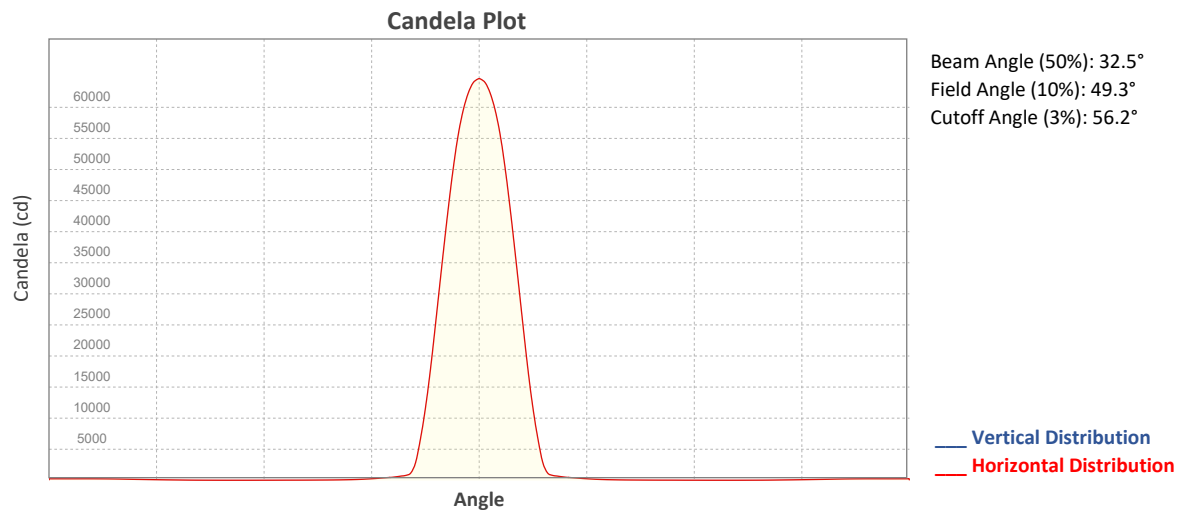


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	64539	16135	7171	4034	2582	1793	1317	1008	797	645
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	533	448	382	329	287	252	223	199	179	161
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5996	1499	666	375	240	167	122	94	74	60
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	35	31	27	23	21	19	17	15

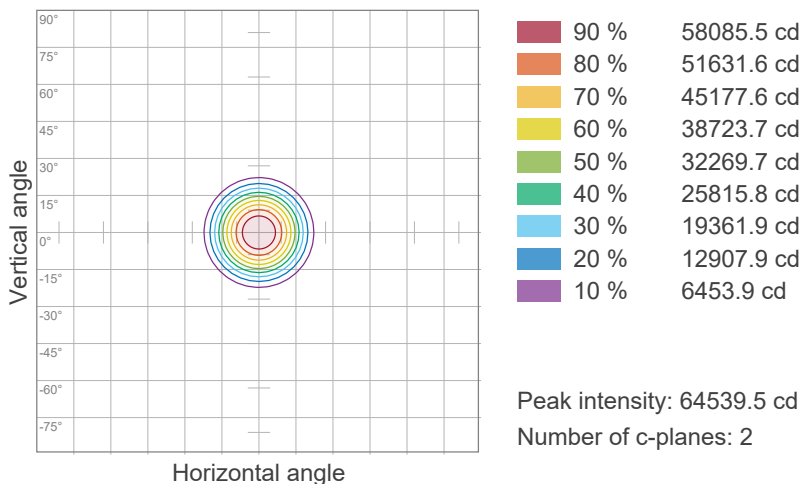
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV25

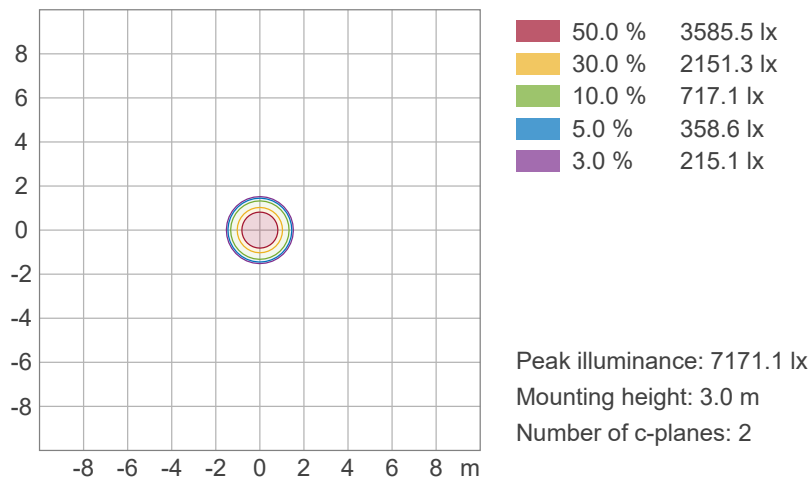


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

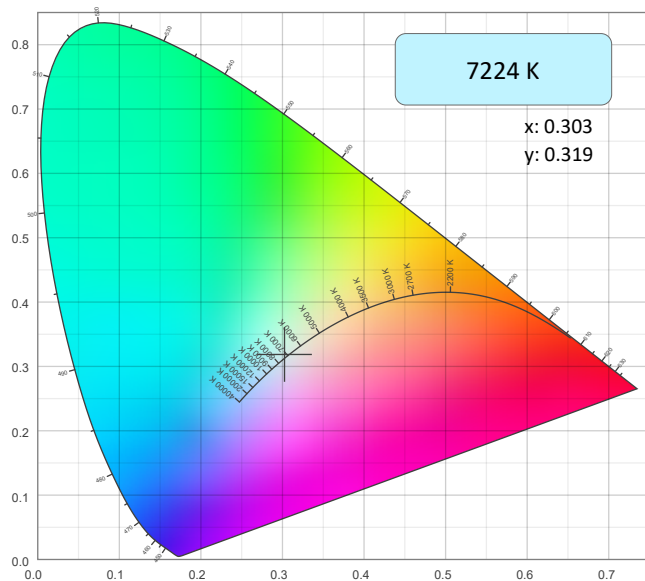


# Photometric & Chromaticity Report

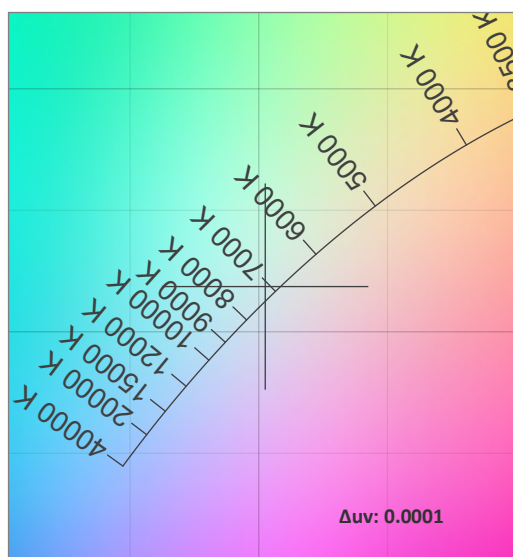
Maverick Force 2 Solo Wash: Full Flood - Full Power - TV25

## Chromaticity

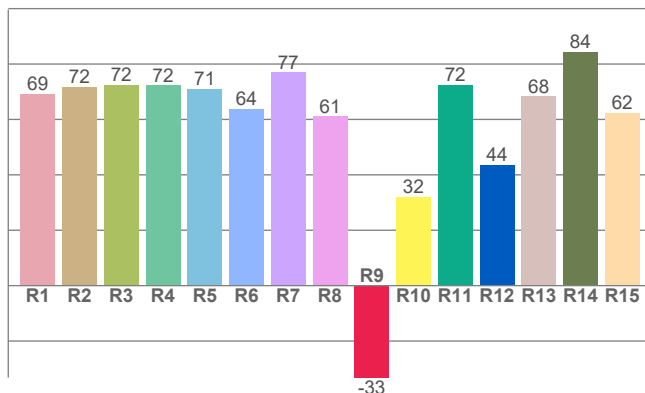
CIE 1931



CIE 1931 - Zoom



CRI: 69.8 (R1-R8)

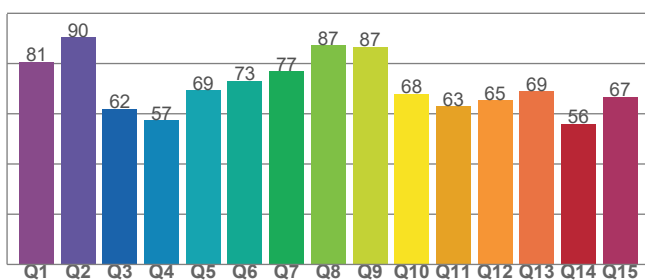


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7224 K	0.303	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0001	0.319	0.195

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.8	-33.2	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.4	94.8

# Photometric & Chromaticity Report

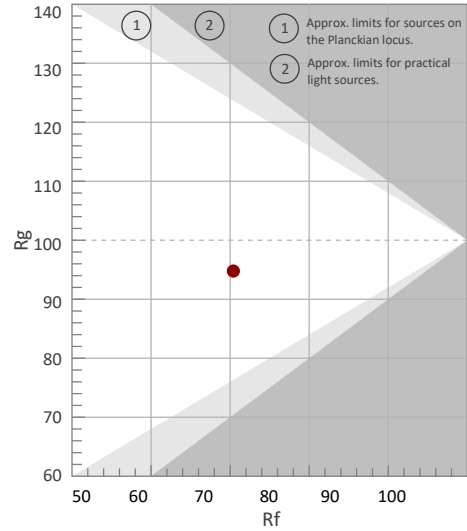
Maverick Force 2 Solo Wash: Full Flood - Full Power - TV25

## TM-30 Details

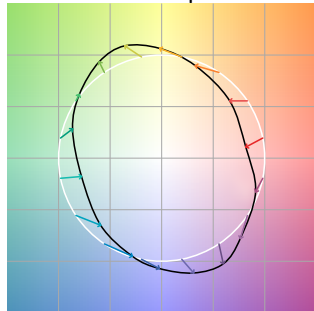
**Rf 70.4**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	69	-14%	10%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	82	11%	-2%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	18%	-7%
15	70	7%	-22%
16	75	-4%	-14%



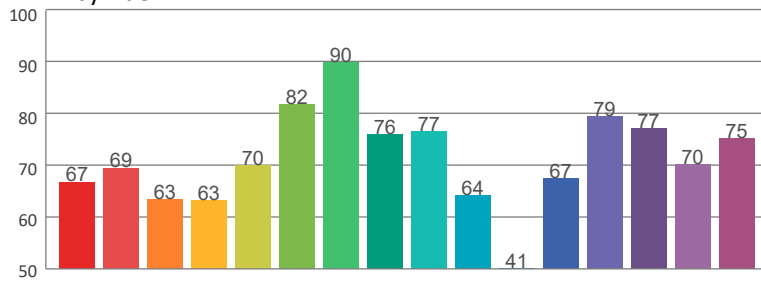
Color Vector Graphic



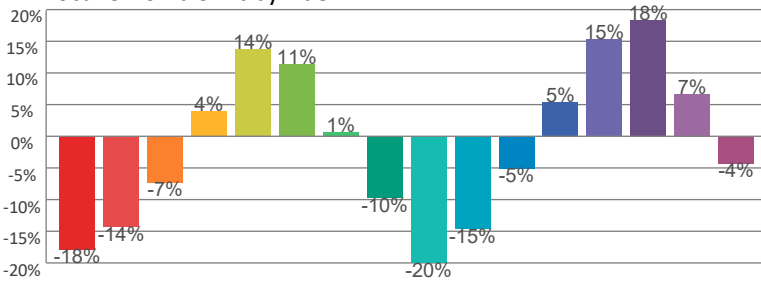
Color Distortion Graphic



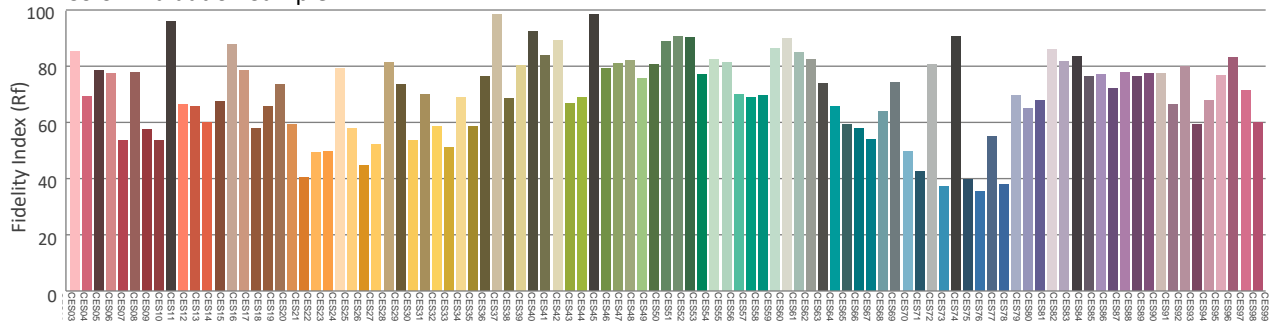
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV35

## Report Summary

### Measurements

Fixture Output: 16491 lm  
Fixture Peak: 54032 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2161 lux  
Color Temperature: 7200 K  
CRI: 69.6    CRI R9 Value: -34.0  
CQS: 69.5  
TLCI: 47  
TM-30 Rf: 70.3  
TM-30 Rg: 94.8  
Beam Angle (50%): 32.7°  
Field Angle (10%): 49.2°  
Cutoff Angle (3%): 56.1°

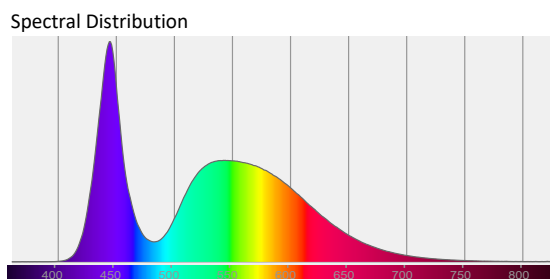
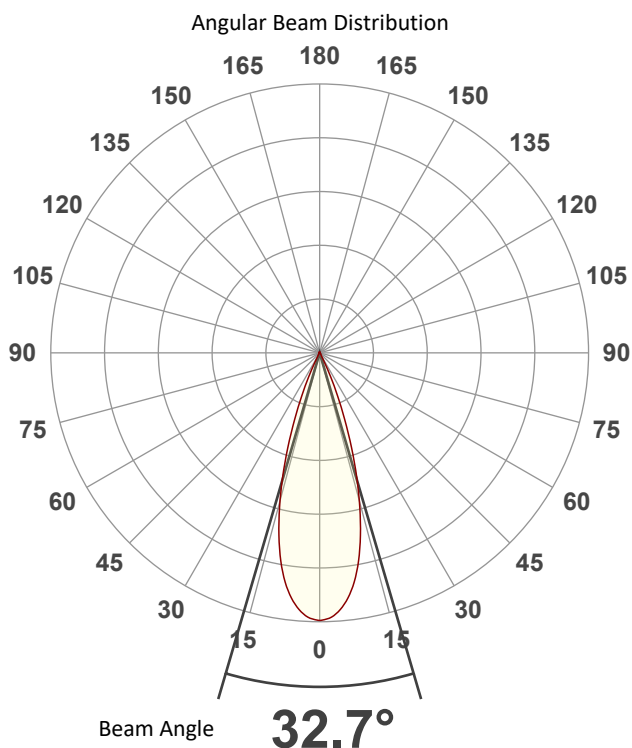


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

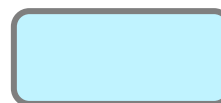
## Overall Measurement



Tested Color (CIE 1931):

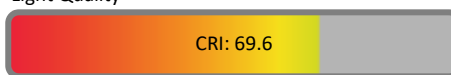
X: 0.303

Y: 0.319



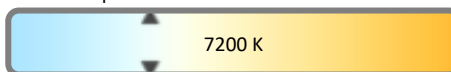
Light Quality

CRI: 69.6



Color Temperature

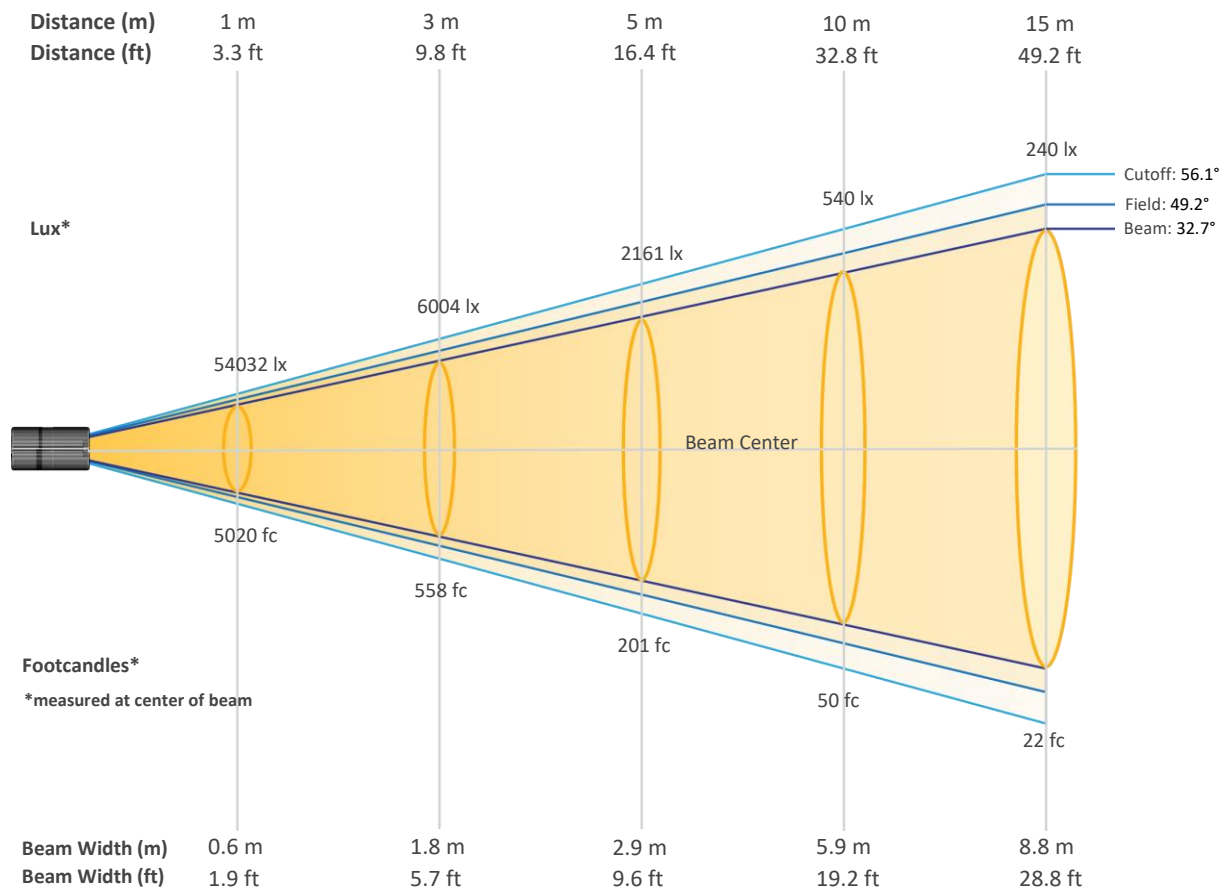
7200 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV35

## Beam Details

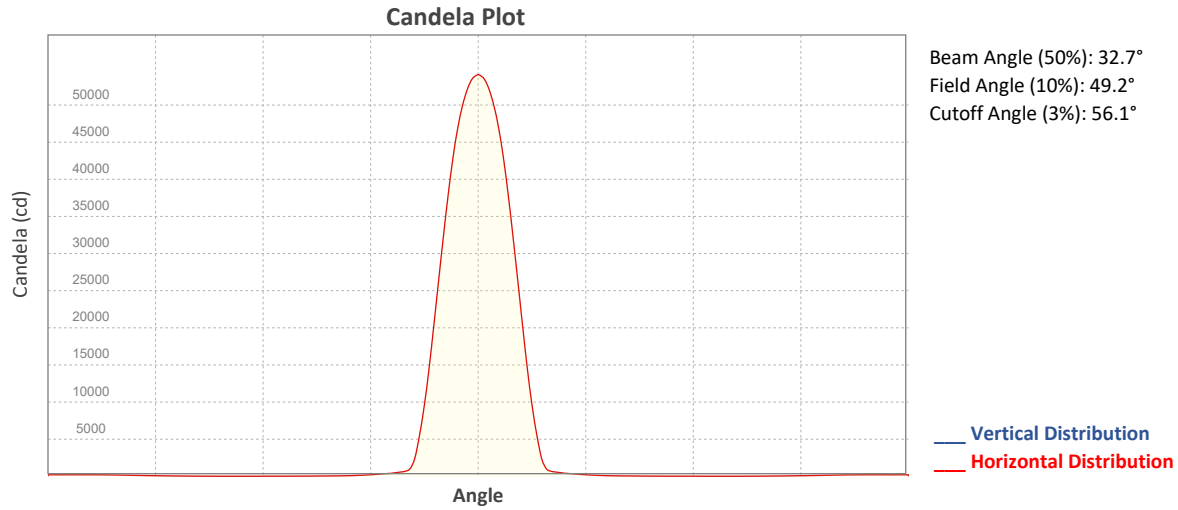


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	54032	13508	6004	3377	2161	1501	1103	844	667	540
<b>Distance</b>	<b>11m</b>	<b>12m</b>	<b>13m</b>	<b>14m</b>	<b>15m</b>	<b>16m</b>	<b>17m</b>	<b>18m</b>	<b>19m</b>	<b>20m</b>
Lux	447	375	320	276	240	211	187	167	150	135
<b>Distance</b>	<b>3.3ft</b>	<b>6.6ft</b>	<b>9.8ft</b>	<b>13.1ft</b>	<b>16.4ft</b>	<b>19.7ft</b>	<b>23ft</b>	<b>26.2ft</b>	<b>29.5ft</b>	<b>32.8ft</b>
FC	5020	1255	558	314	201	139	102	78	62	50
<b>Distance</b>	<b>36.1ft</b>	<b>39.4ft</b>	<b>42.7ft</b>	<b>45.9ft</b>	<b>49.2ft</b>	<b>52.5ft</b>	<b>55.8ft</b>	<b>59.1ft</b>	<b>62.3ft</b>	<b>65.6ft</b>
FC	41	35	30	26	22	20	17	15	14	13

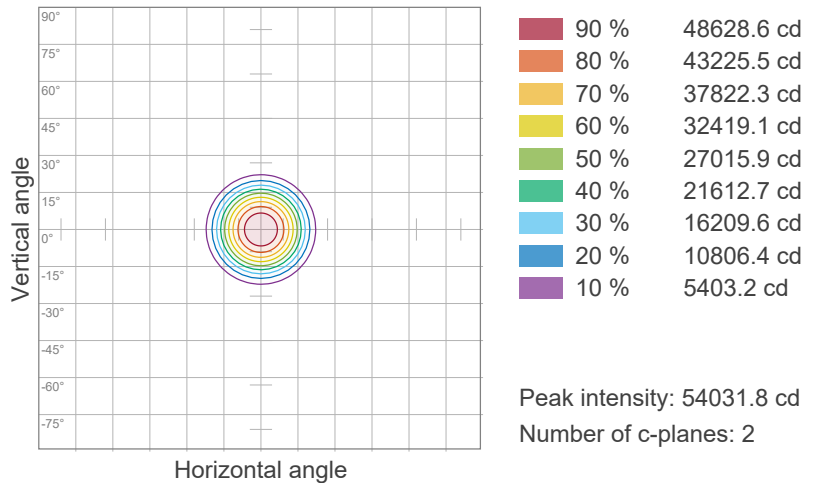
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Flood - Full Power - TV35

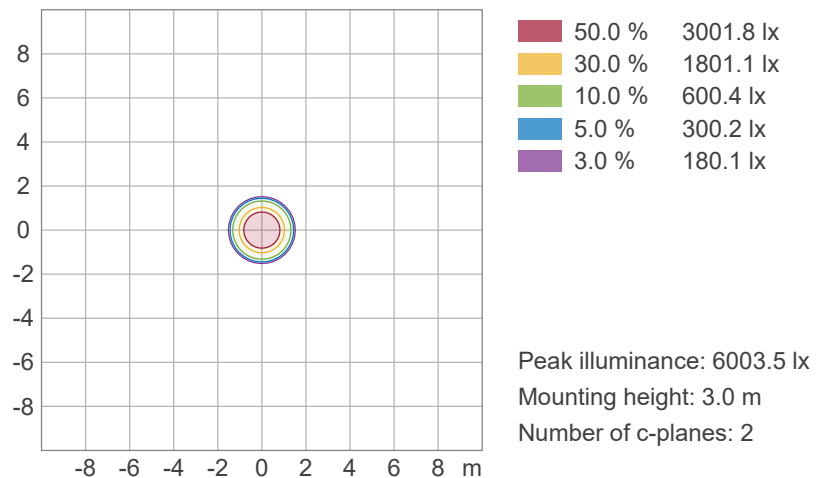


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

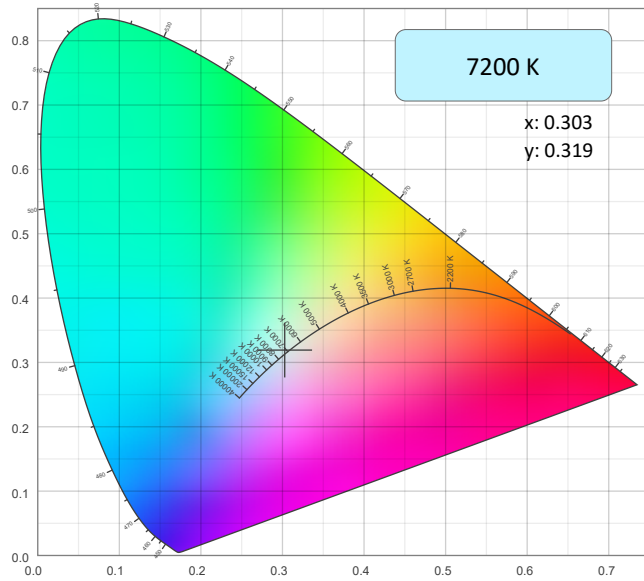


# Photometric & Chromaticity Report

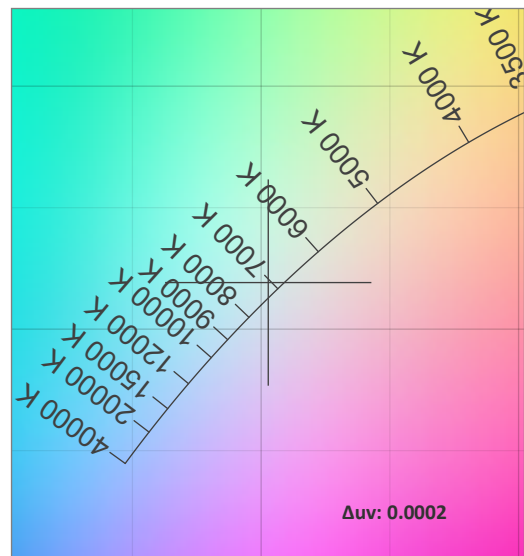
Maverick Force 2 Solo Wash: Full Flood - Full Power - TV35

## Chromaticity

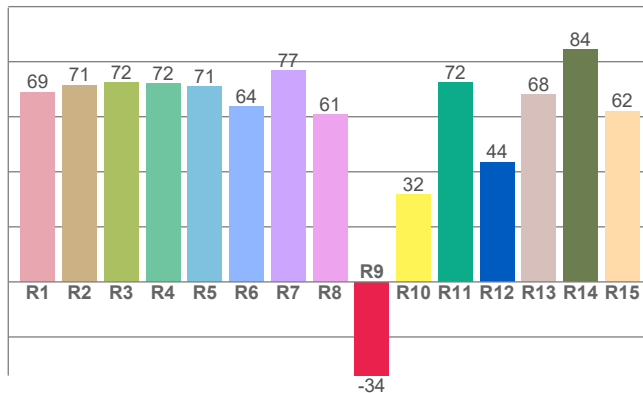
CIE 1931



CIE 1931 - Zoom



CRI: 69.6 (R1-R8)

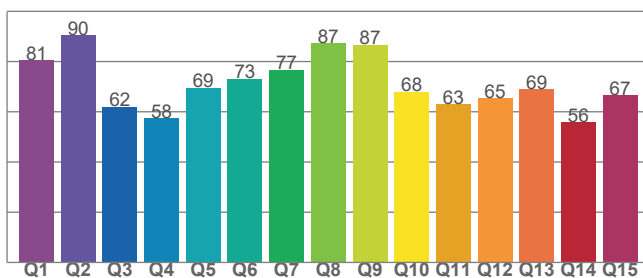


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7200 K	0.303	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0002	0.319	0.195

CQS: 69.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.6	-34.0	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.3	94.8



# Photometric & Chromaticity Report

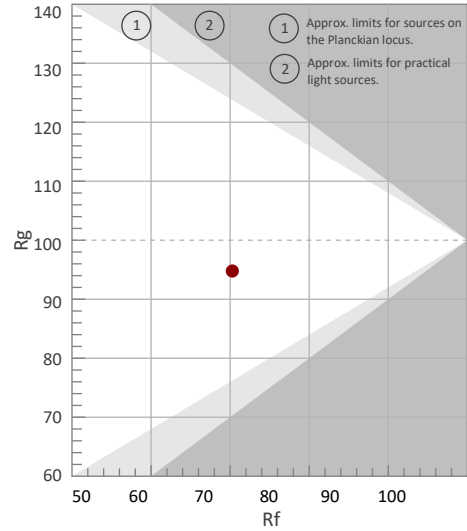
Maverick Force 2 Solo Wash: Full Flood - Full Power - TV35

## TM-30 Details

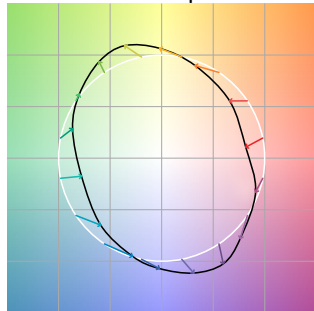
**Rf 70.3**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	69	-14%	10%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	81	12%	-2%
7	90	1%	-7%
8	76	-10%	-11%
9	76	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	18%	-7%
15	70	7%	-22%
16	75	-4%	-14%



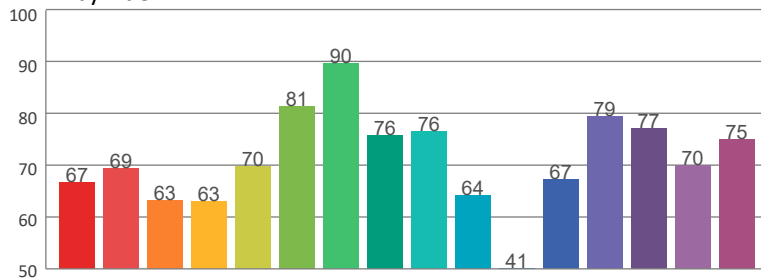
Color Vector Graphic



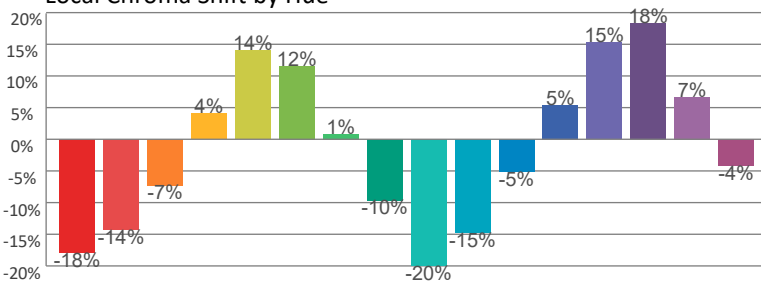
Color Distortion Graphic



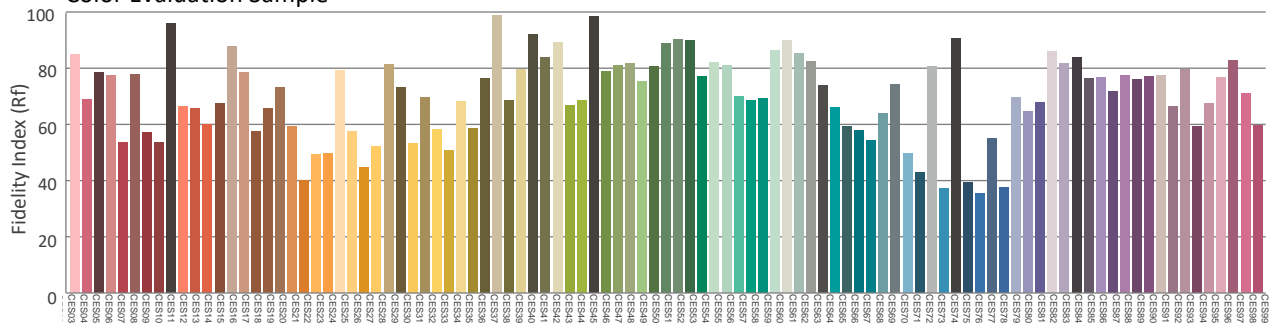
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power

## Report Summary

### Measurements

Fixture Output: 30967 lm  
Fixture Peak: 2284056 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 91362 lux  
Color Temperature: 7274 K  
CRI: 70.4    CRI R9 Value: -30.1  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.8  
TM-30 Rg: 95.0  
Beam Angle (50%): 6.3°  
Field Angle (10%): 9.3°  
Cutoff Angle (3%): 11.2°

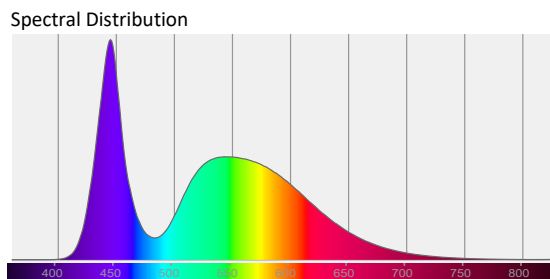
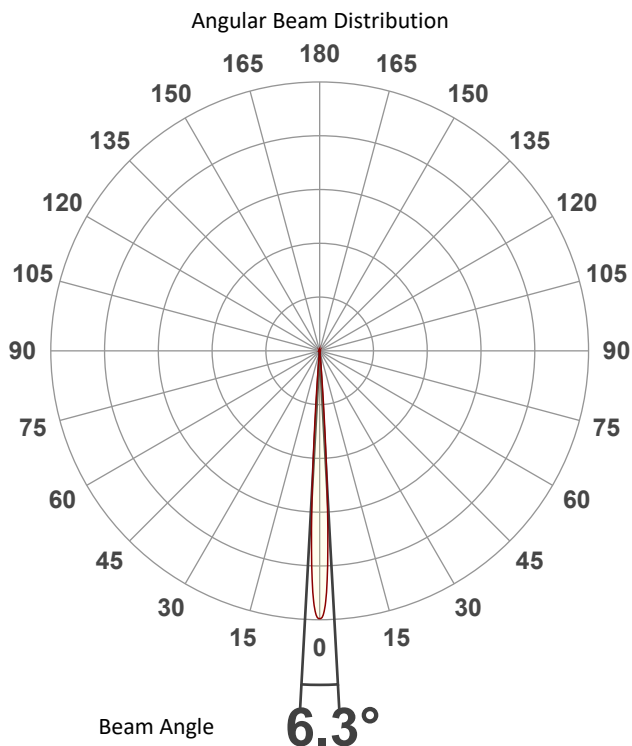


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

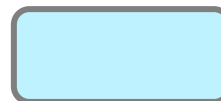
## Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.317



Light Quality

CRI: 70.4

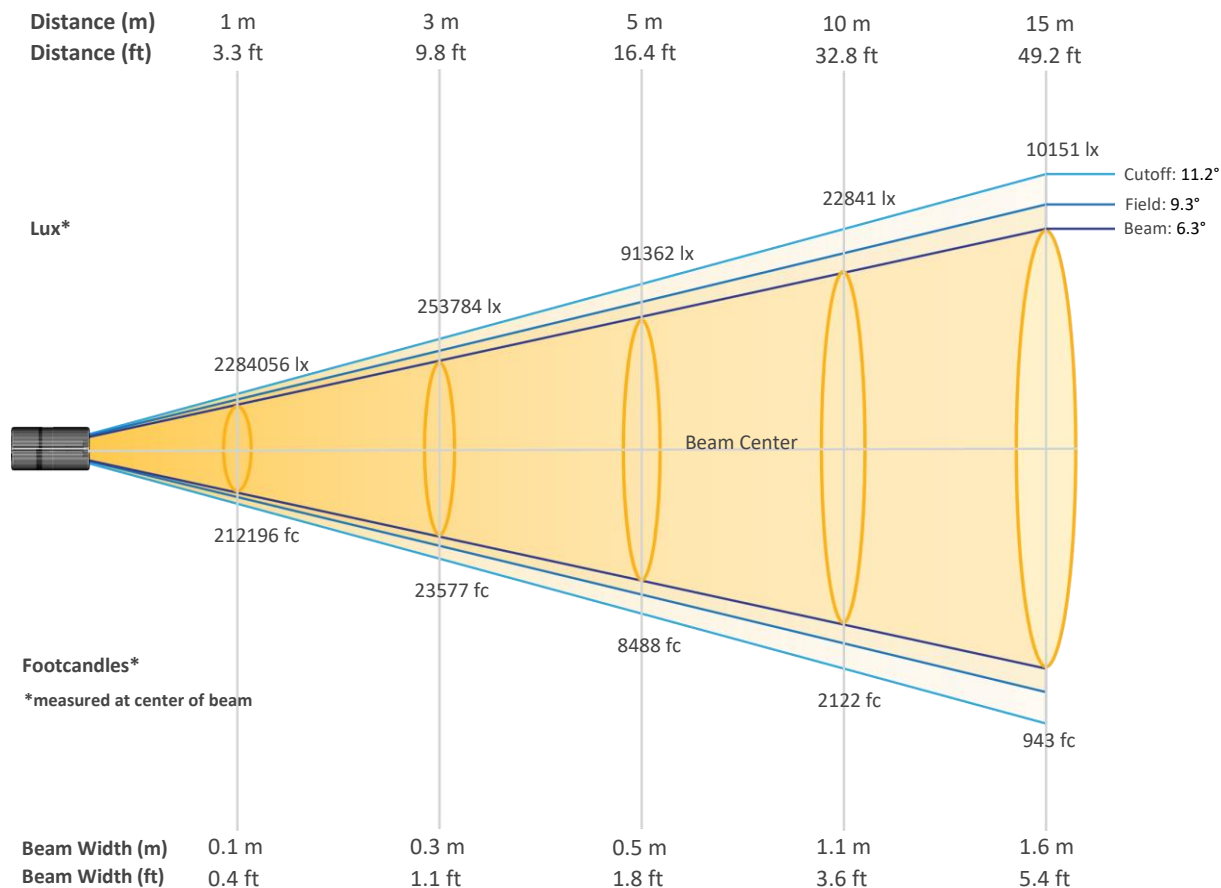
Color Temperature

7274 K

# Photometric & Chromaticity Report

## Maverick Force 2 Solo Wash: Full Spot - Full Power

### Beam Details

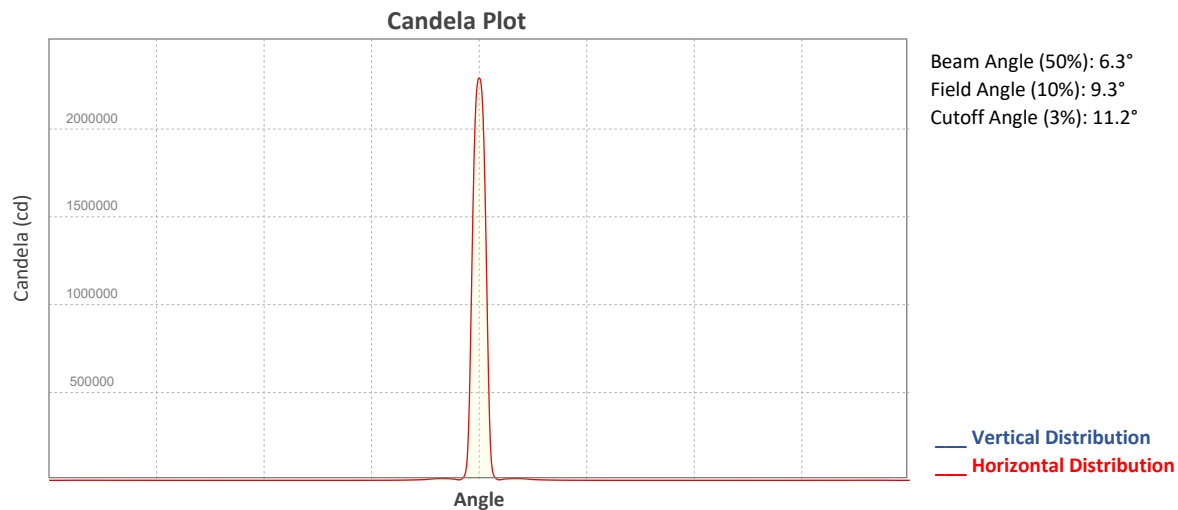


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2284056	571014	253784	142754	91362	63446	46613	35688	28198	22841
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	18876	15862	13515	11653	10151	8922	7903	7050	6327	5710
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	212196	53049	23577	13262	8488	5894	4331	3316	2620	2122
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1754	1474	1256	1083	943	829	734	655	588	530

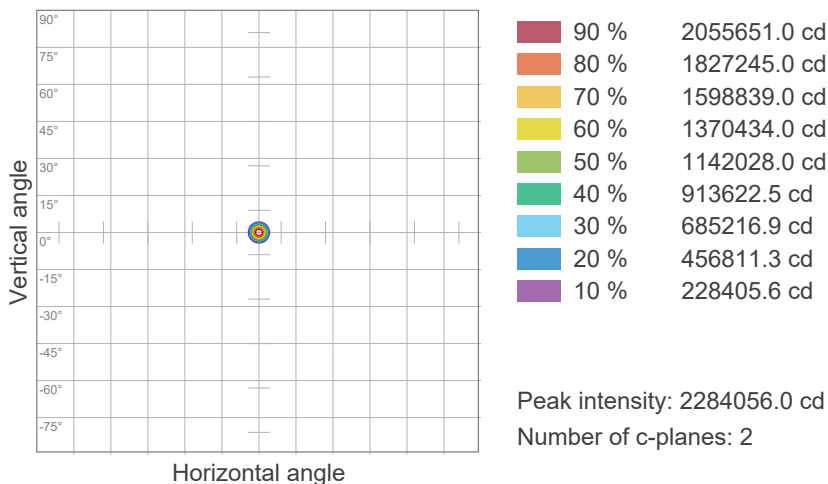
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power

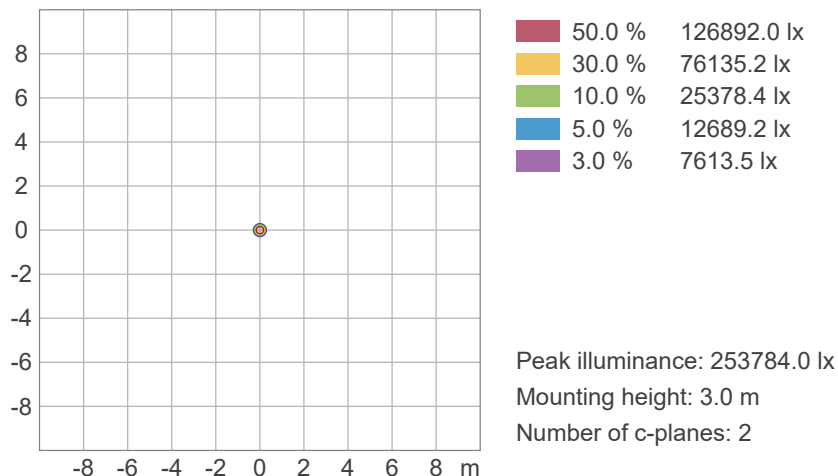


## ISO Diagrams

### ISO Candela Diagram



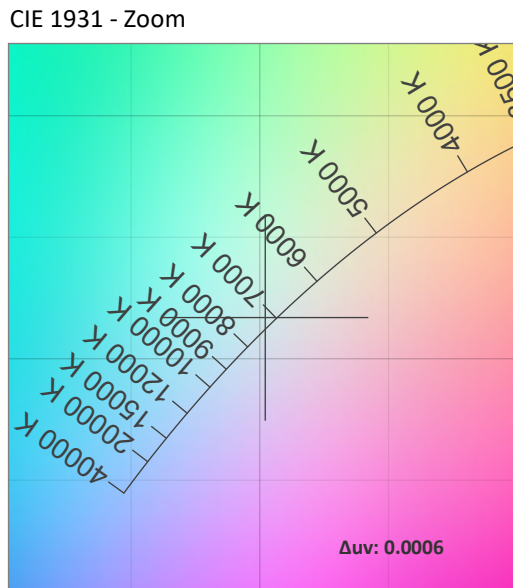
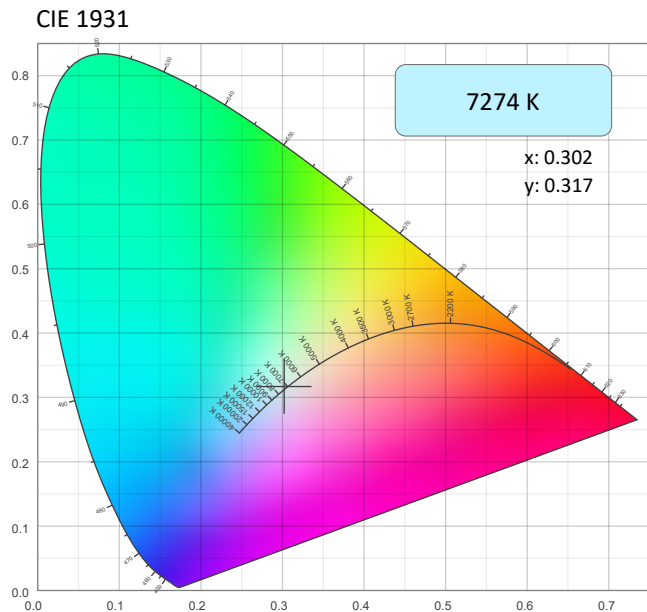
### ISO Lux Diagram



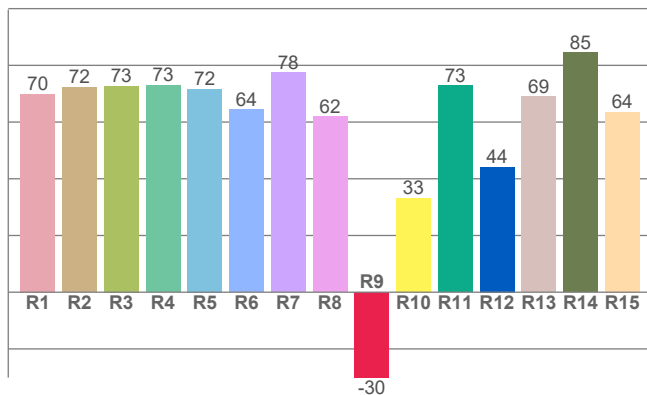
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power

## Chromaticity



CRI: 70.4 (R1-R8)

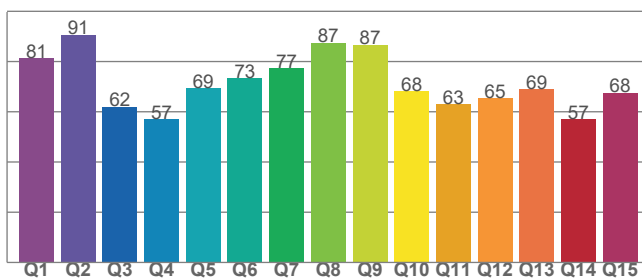


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7274 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0006	0.317	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.4	-30.1	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.8	95.0



# Photometric & Chromaticity Report

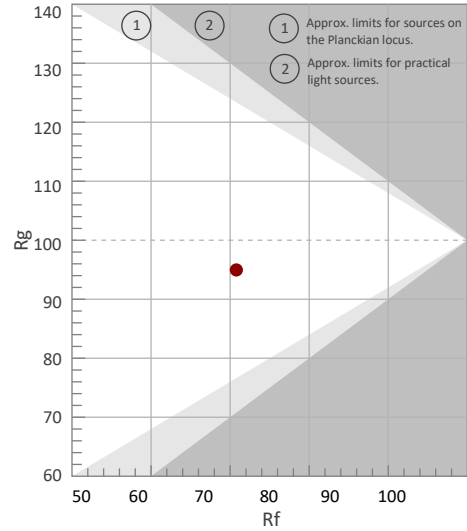
Maverick Force 2 Solo Wash: Full Spot - Full Power

## TM-30 Details

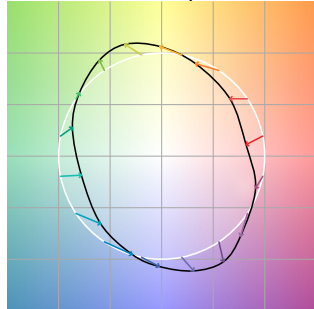
**Rf 70.8**  
Fidelity Index (Rg)

**Rg 95.0**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-1%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	41	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	76	-5%	-13%



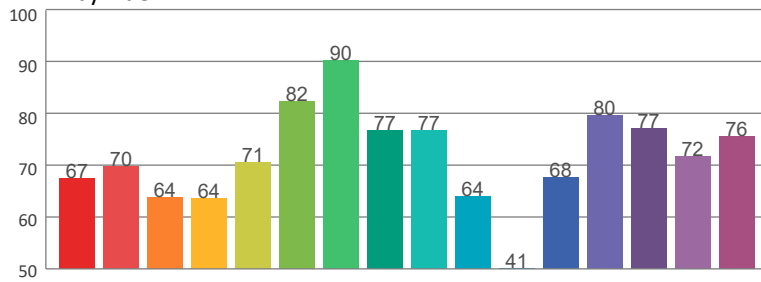
Color Vector Graphic



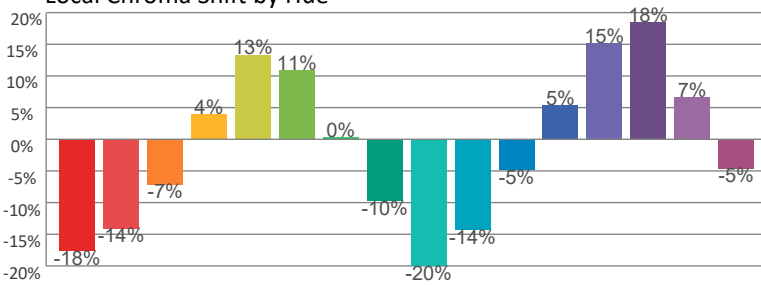
Color Distortion Graphic



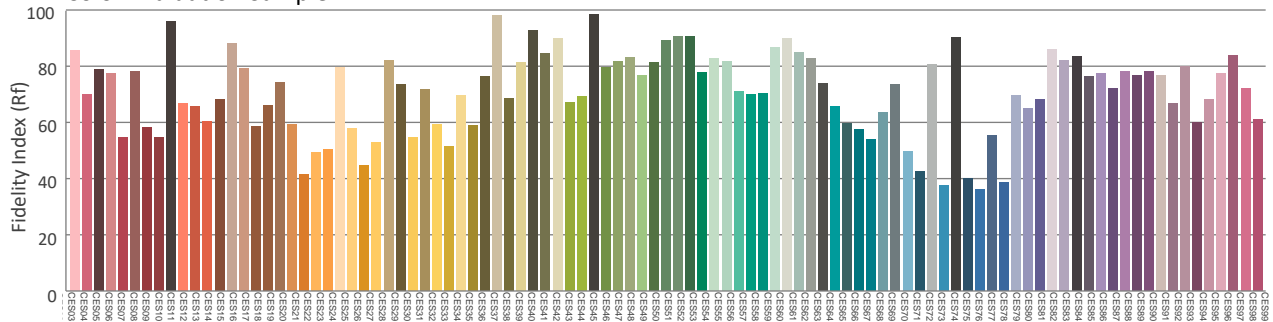
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - Auto

## Report Summary

### Measurements

Fixture Output: 30152 lm  
Fixture Peak: 2116611 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 84664 lux  
Color Temperature: 7350 K  
CRI: 70.7    CRI R9 Value: -29.1  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 71.0  
TM-30 Rg: 94.9  
Beam Angle (50%): 5.6°  
Field Angle (10%): 10.9°  
Cutoff Angle (3%): 13.1°

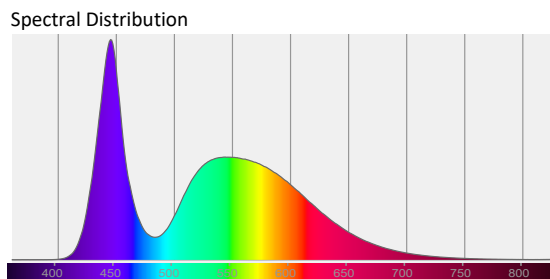
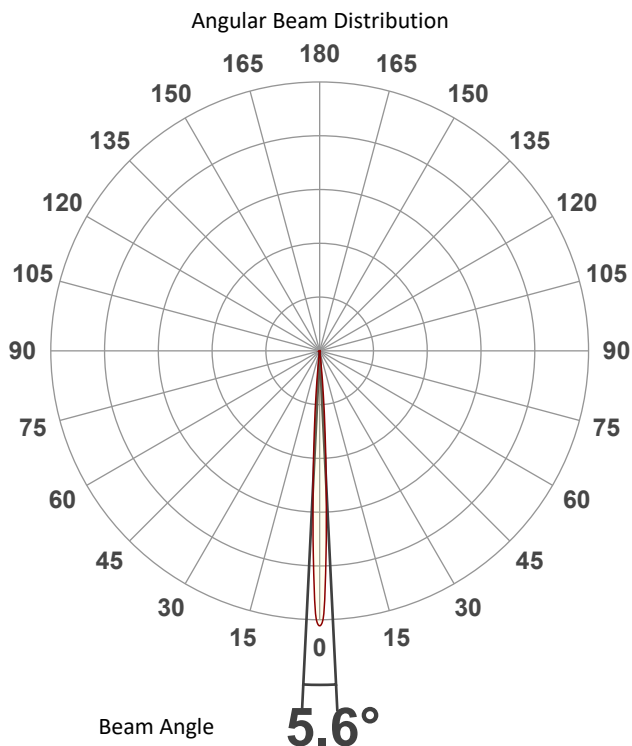


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.301  
Y: 0.316

Light Quality  
CRI: 70.7

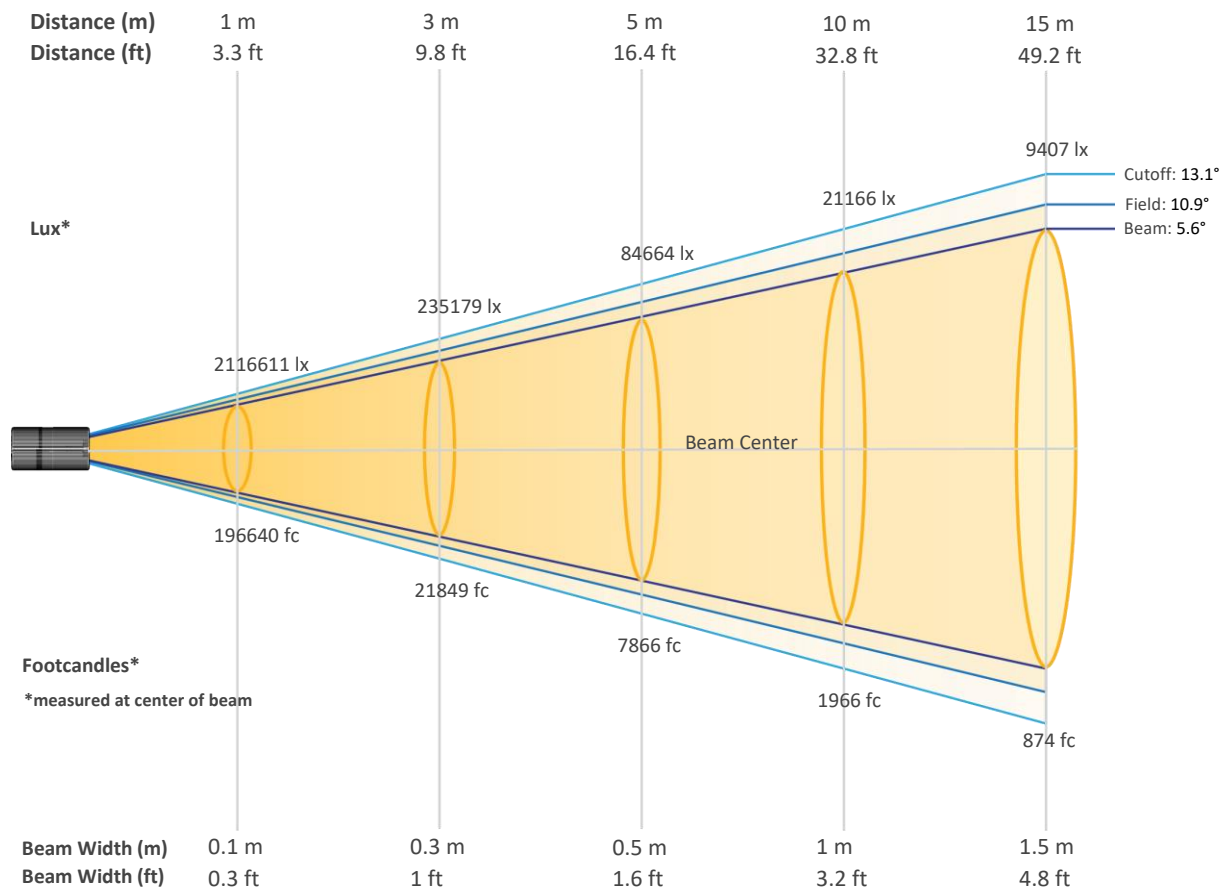
Color Temperature  
7350 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - Auto

## Beam Details



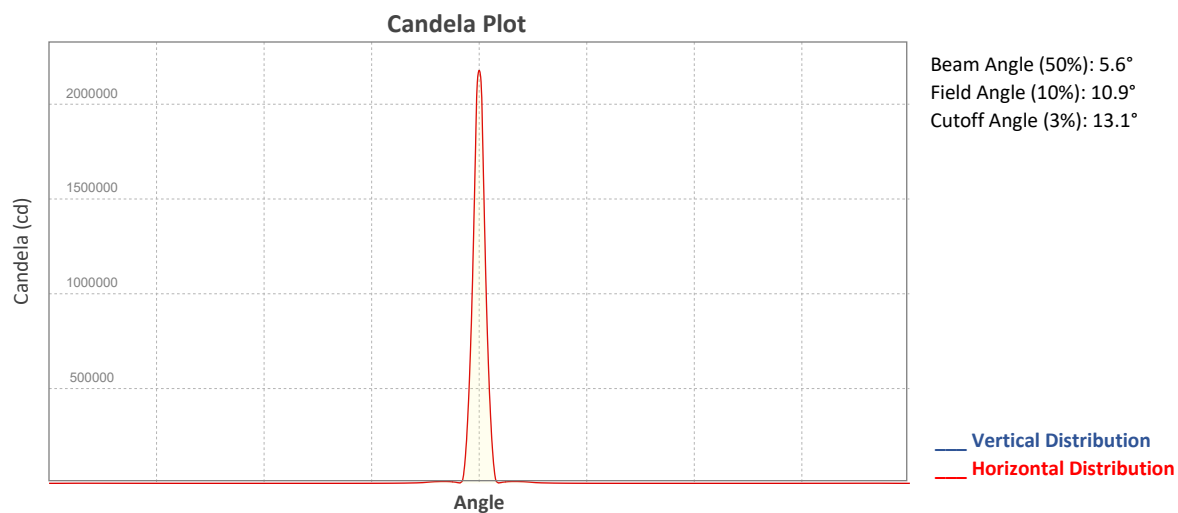
### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2116611	529153	235179	132288	84664	58795	43196	33072	26131	21166
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	17493	14699	12524	10799	9407	8268	7324	6533	5863	5292
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	196640	49160	21849	12290	7866	5462	4013	3072	2428	1966
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1625	1366	1164	1003	874	768	680	607	545	492



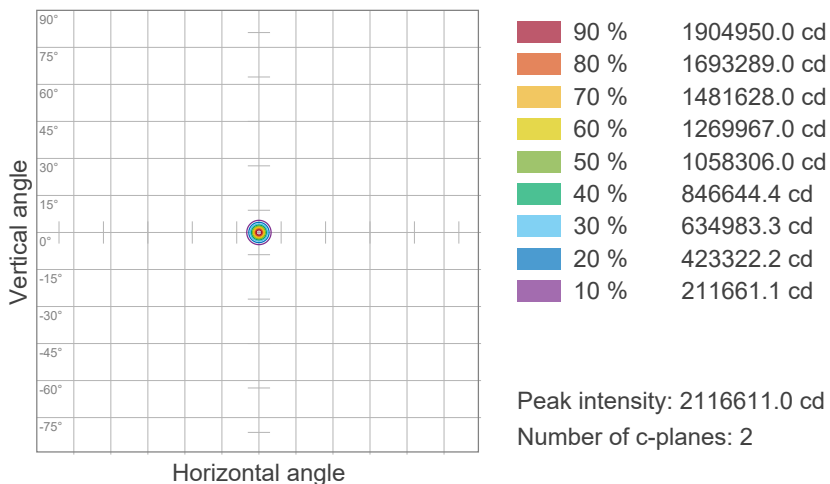
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - Auto

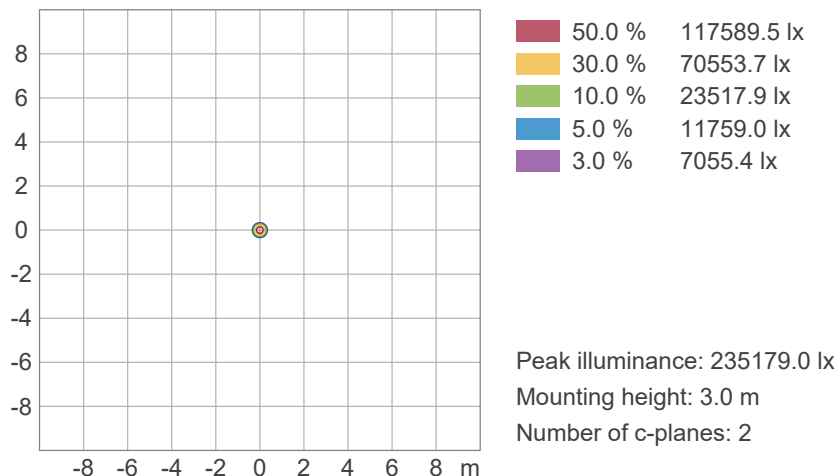


## ISO Diagrams

### ISO Candela Diagram



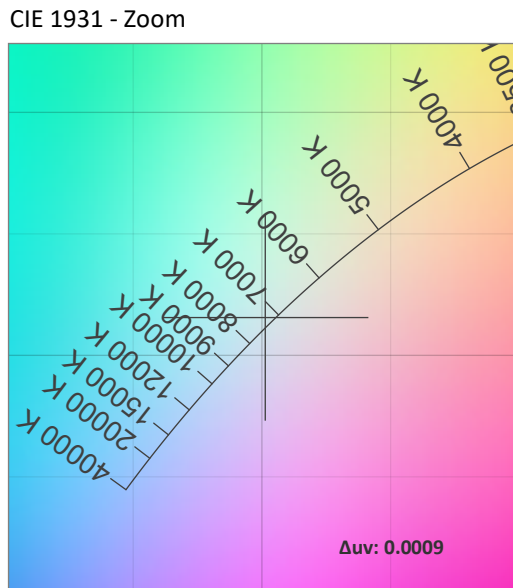
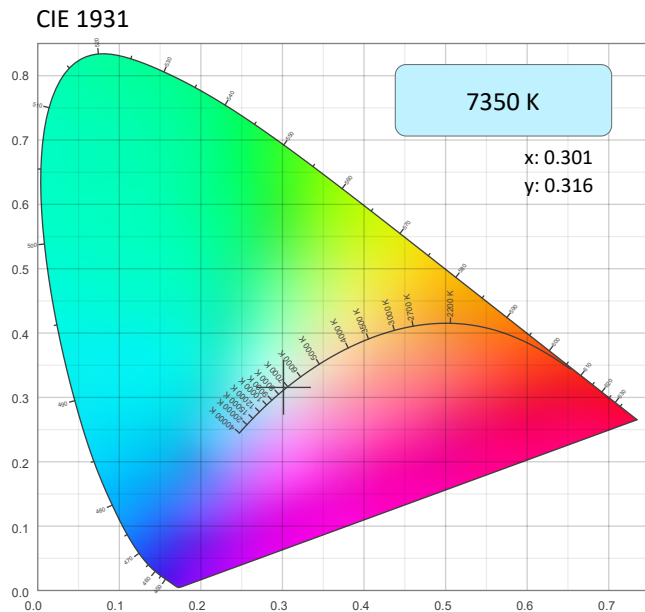
### ISO Lux Diagram



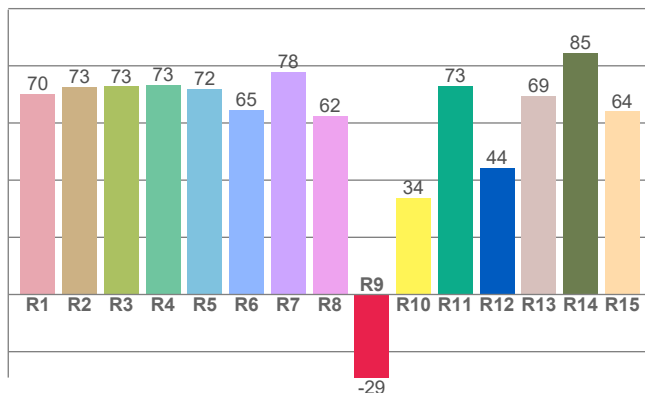
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - Auto

## Chromaticity



CRI: 70.7 (R1-R8)

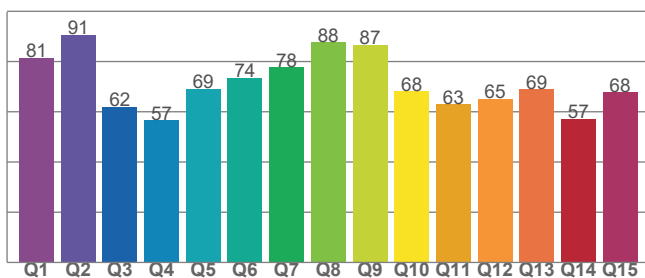


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7350 K	0.301	0.316

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.316	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.7	-29.1	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.0	94.9

# Photometric & Chromaticity Report

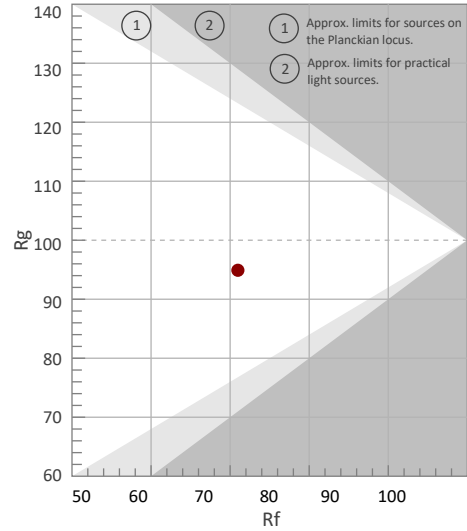
Maverick Force 2 Solo Wash: Full Spot - Full Power - Auto

## TM-30 Details

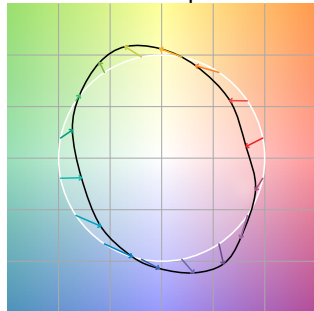
**Rf 71.0**  
Fidelity Index (Rg)

**Rg 94.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	68	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	83	11%	-1%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	19%	-7%
15	72	7%	-22%
16	76	-5%	-13%



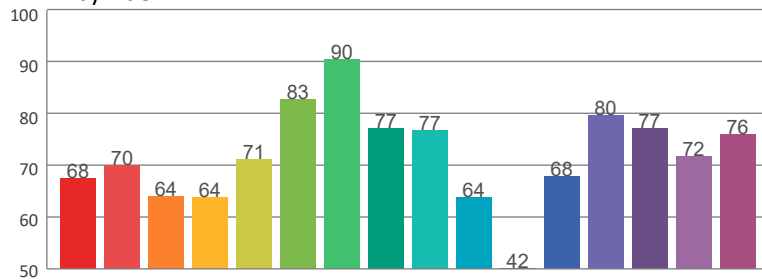
Color Vector Graphic



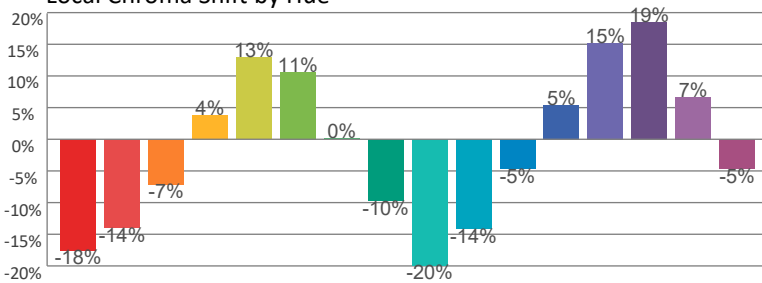
Color Distortion Graphic



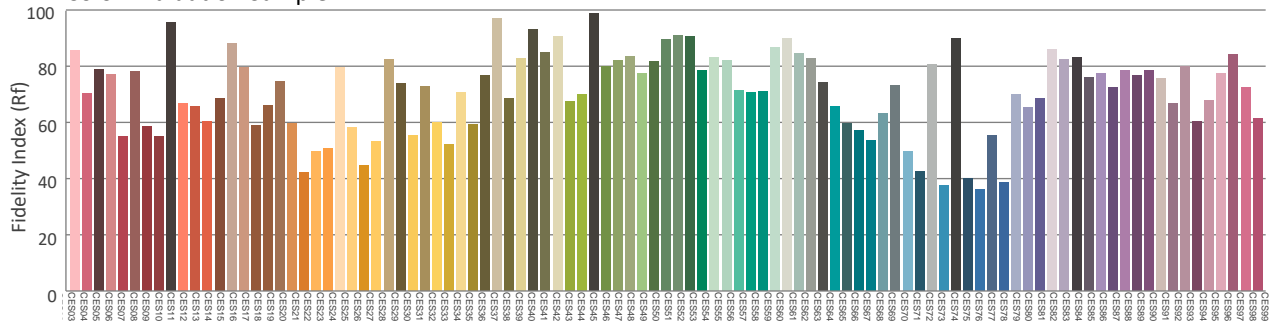
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - ECO

## Report Summary

### Measurements

Fixture Output: 29754 lm  
Fixture Peak: 1923581 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 76943 lux  
Color Temperature: 7303 K  
CRI: 70.5    CRI R9 Value: -30.1  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.8  
TM-30 Rg: 94.9  
Beam Angle (50%): 6.5°  
Field Angle (10%): 10.7°  
Cutoff Angle (3%): 12.5°

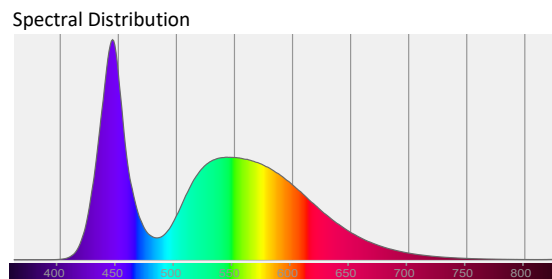
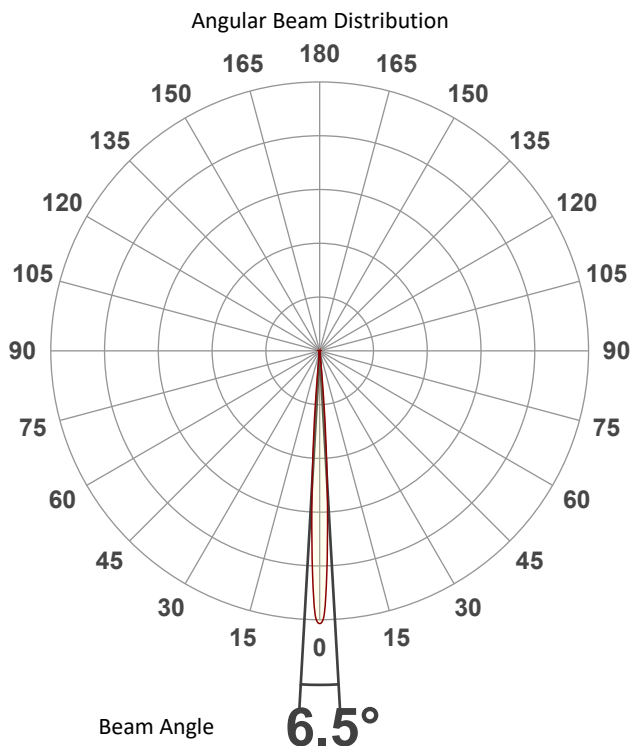


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

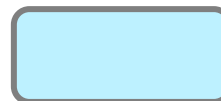
## Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.317



Light Quality

CRI: 70.5

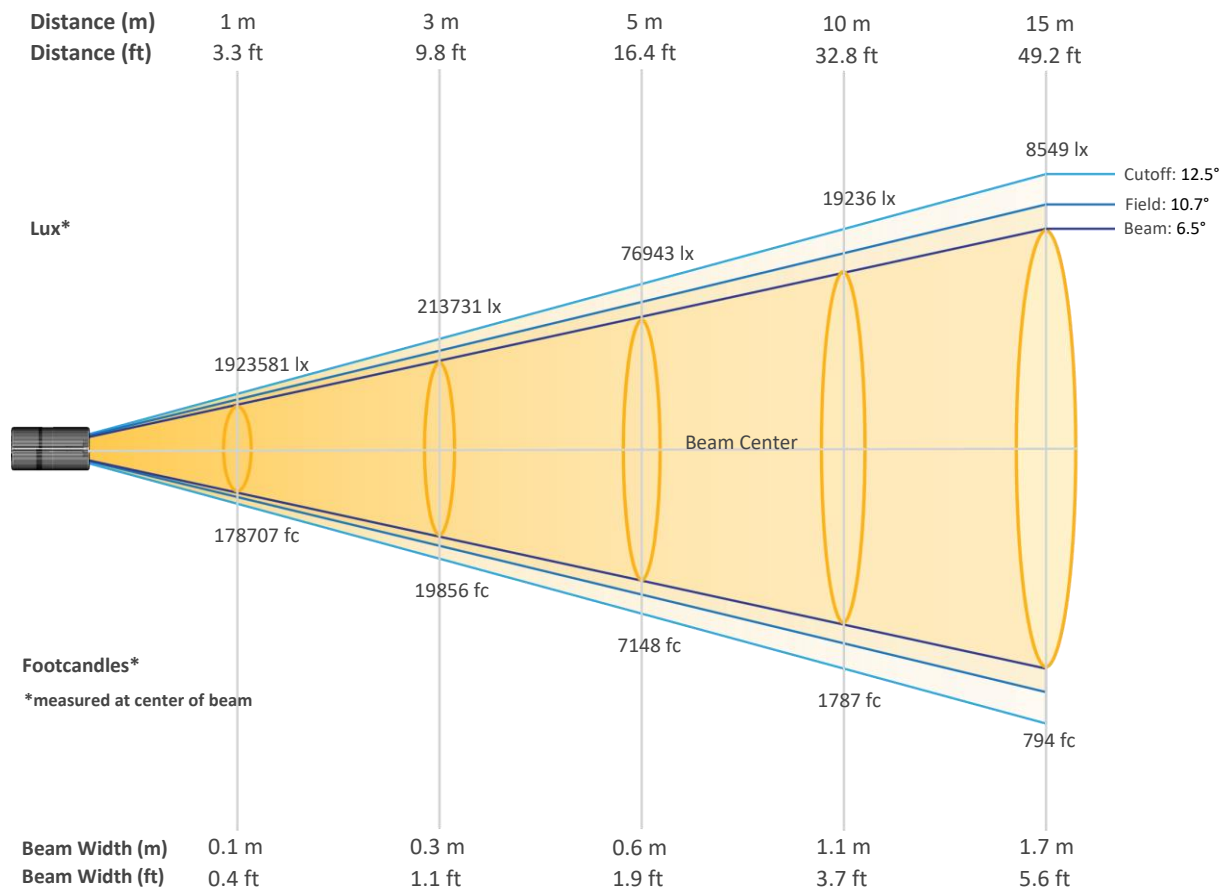
Color Temperature

7303 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - ECO

## Beam Details

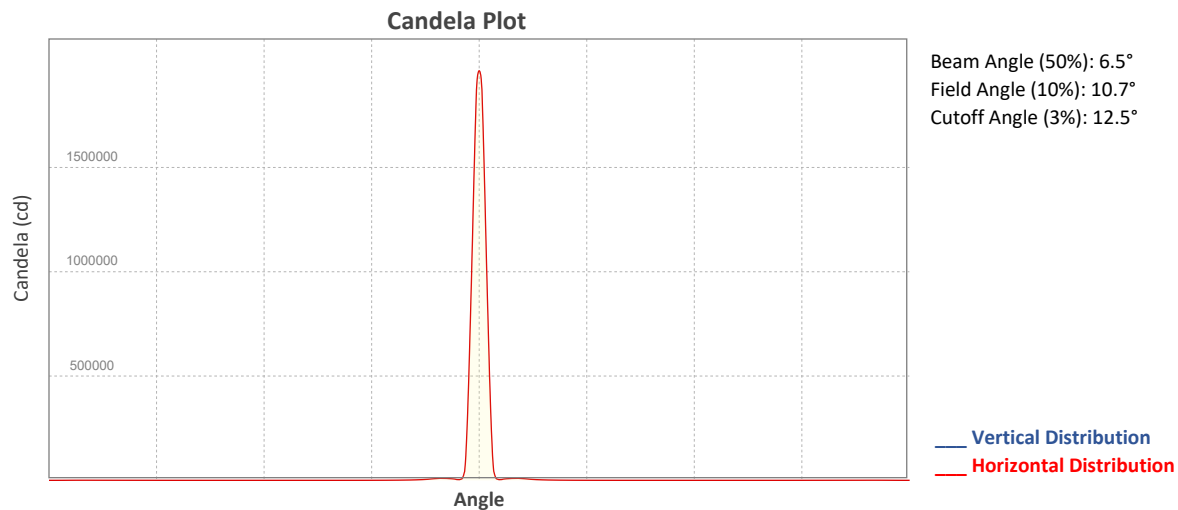


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1923581	480895	213731	120224	76943	53433	39257	30056	23748	19236
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	15897	13358	11382	9814	8549	7514	6656	5937	5328	4809
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	178707	44677	19856	11169	7148	4964	3647	2792	2206	1787
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1477	1241	1057	912	794	698	618	552	495	447

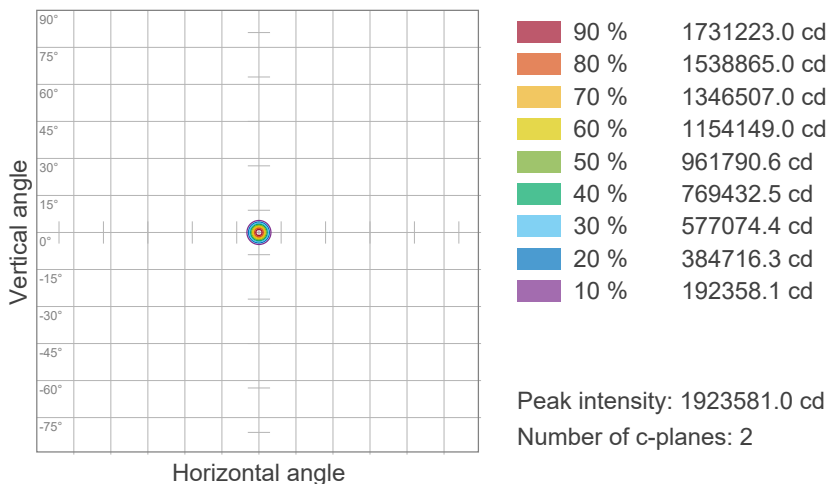
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - ECO

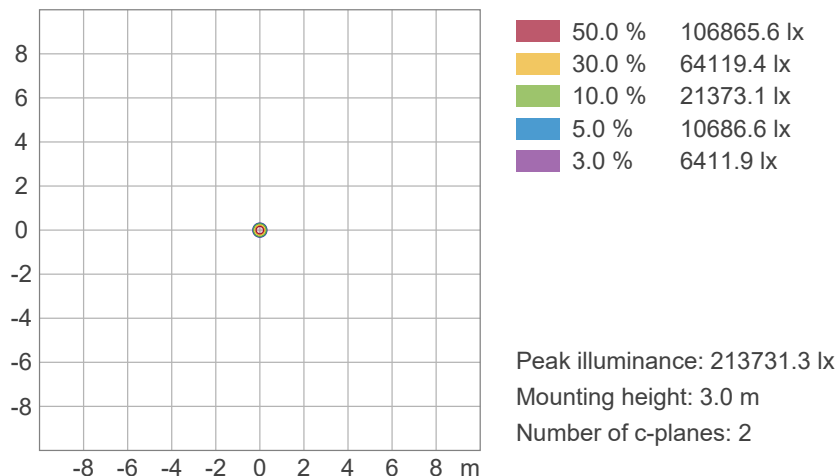


## ISO Diagrams

### ISO Candela Diagram



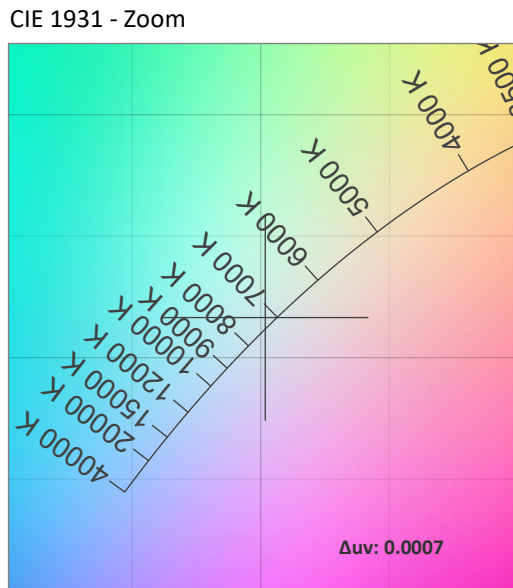
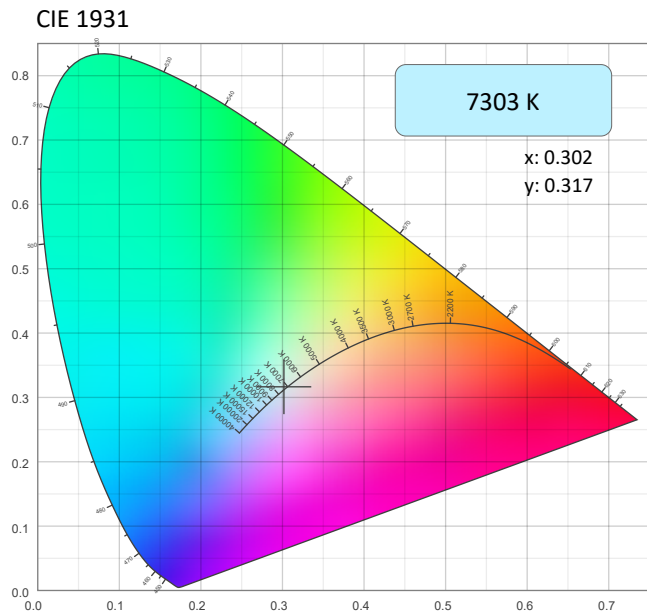
### ISO Lux Diagram



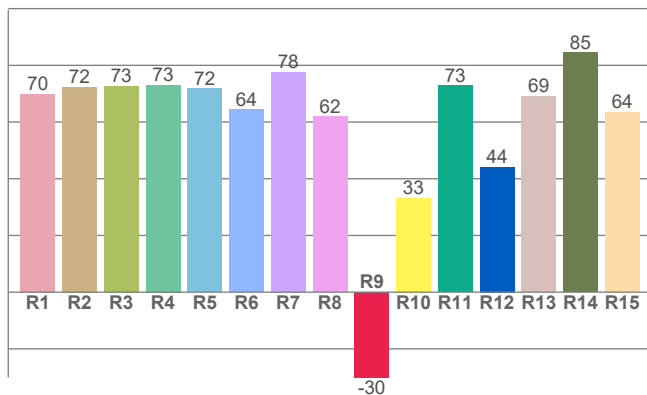
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - ECO

## Chromaticity



CRI: 70.5 (R1-R8)

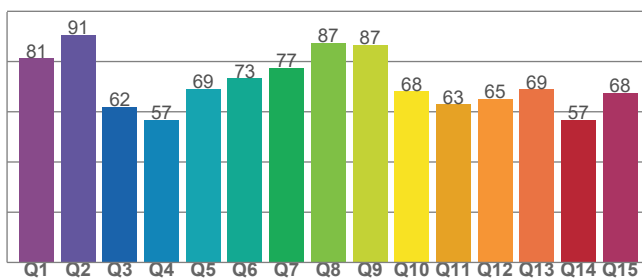


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7303 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0007	0.317	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.5	-30.1	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.8	94.9

# Photometric & Chromaticity Report

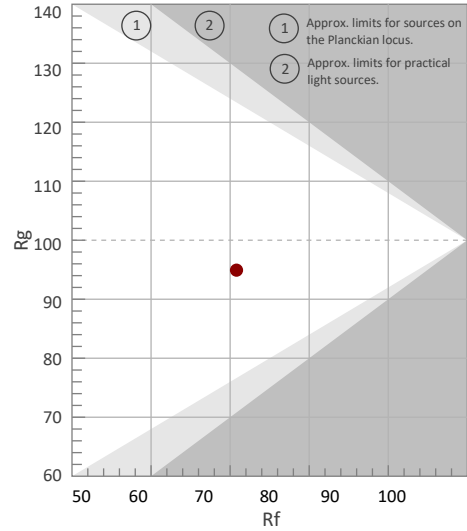
Maverick Force 2 Solo Wash: Full Spot - Full Power - ECO

## TM-30 Details

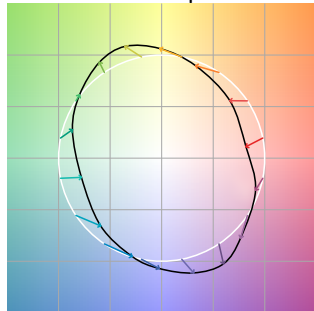
**Rf 70.8**  
Fidelity Index (Rg)

**Rg 94.9**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-1%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	41	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	19%	-7%
15	72	7%	-22%
16	76	-5%	-13%



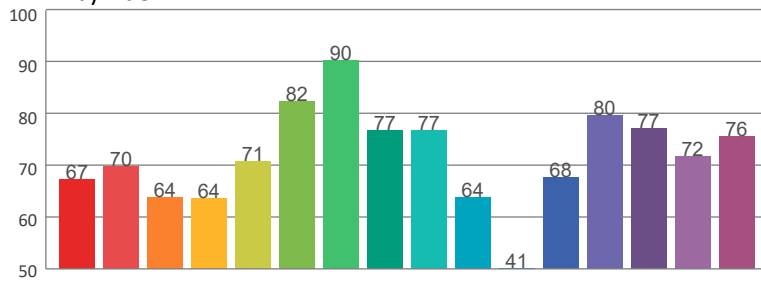
Color Vector Graphic



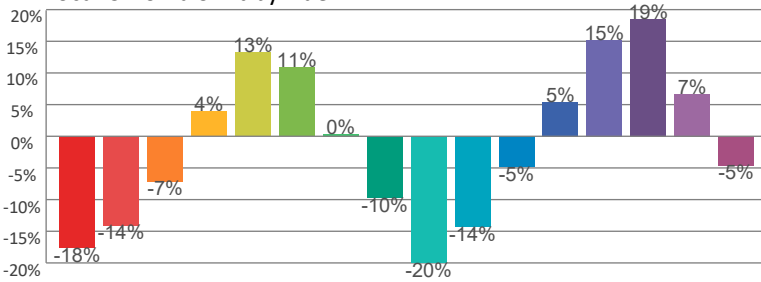
Color Distortion Graphic



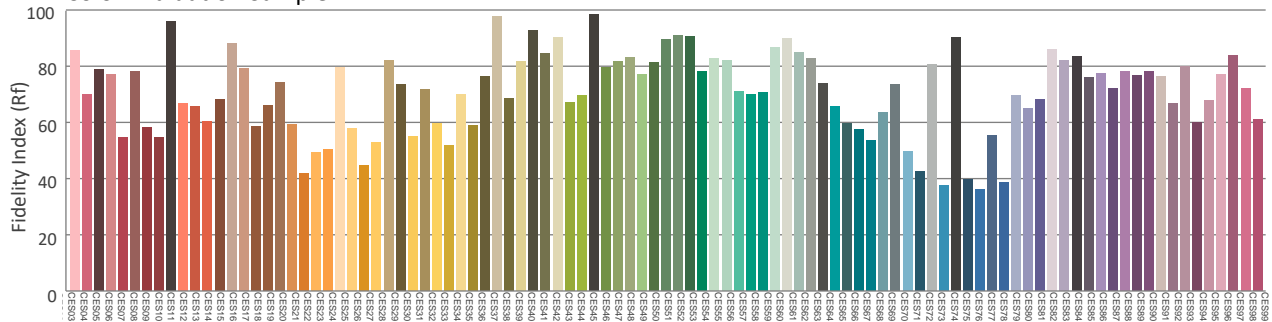
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample





# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV25

## Report Summary

### Measurements

Fixture Output: 20169 lm  
Fixture Peak: 1416243 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 56650 lux  
Color Temperature: 7243 K  
CRI: 70.0    CRI R9 Value: -32.1  
CQS: 69.6  
TLCI: 47  
TM-30 Rf: 70.4  
TM-30 Rg: 95.0  
Beam Angle (50%): 5.7°  
Field Angle (10%): 10.8°  
Cutoff Angle (3%): 13°

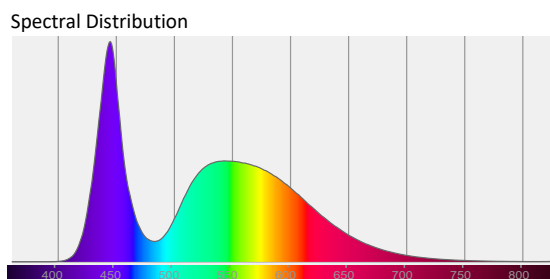
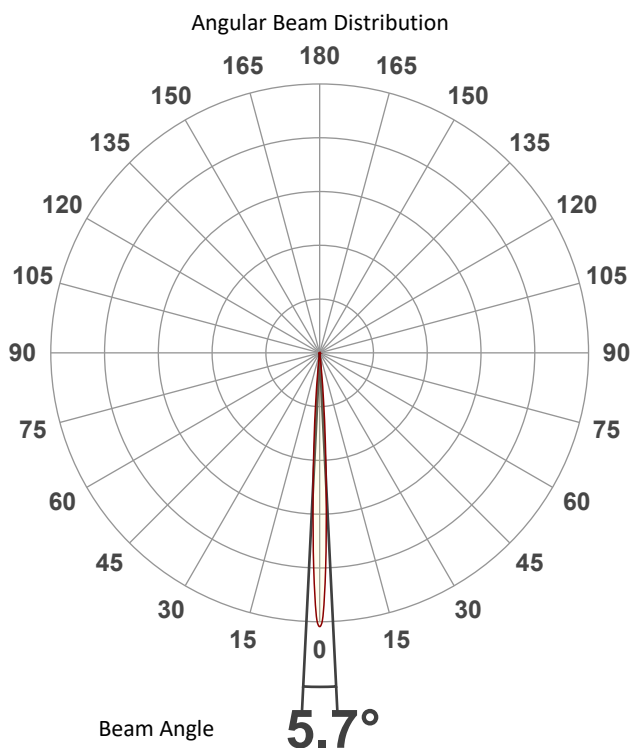


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

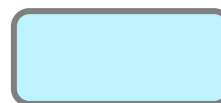
## Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.318



Light Quality

CRI: 70.0

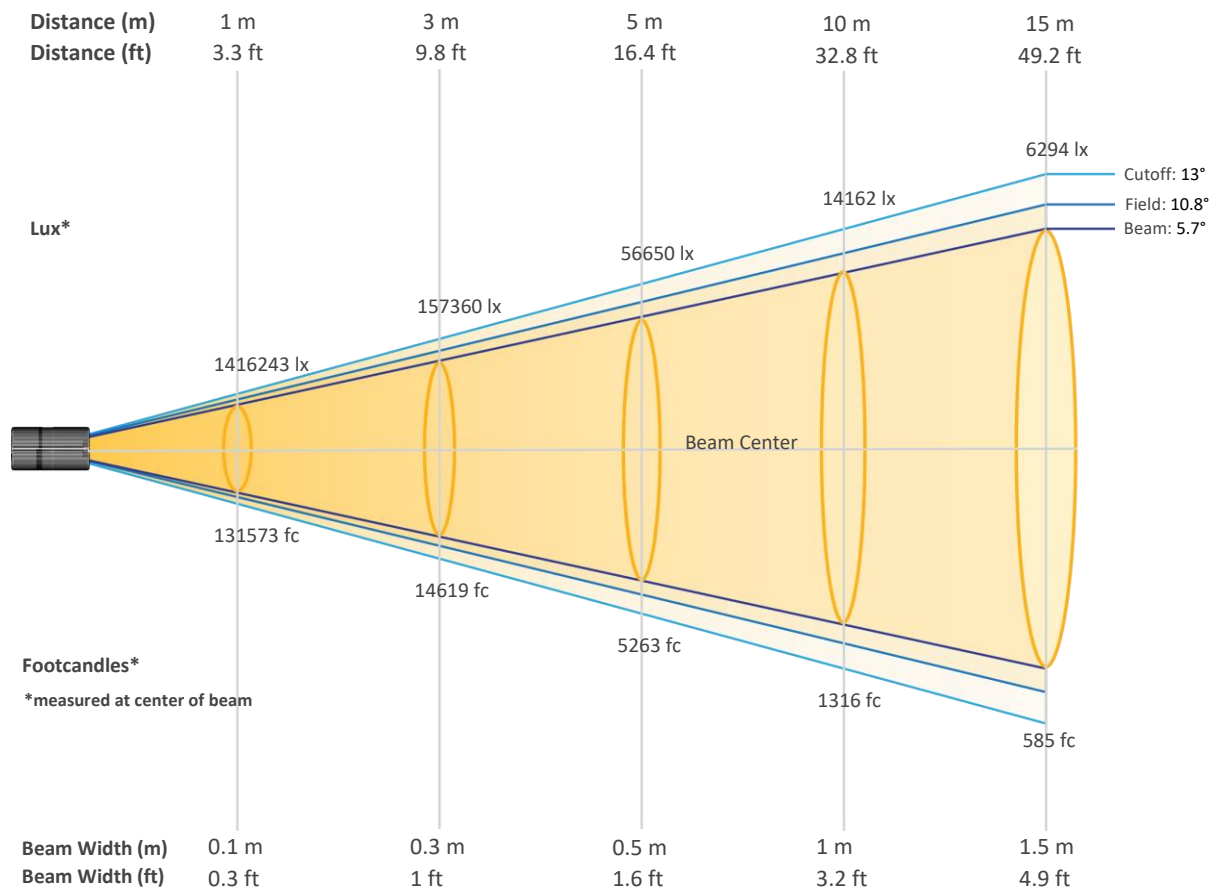
Color Temperature

7243 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV25

## Beam Details

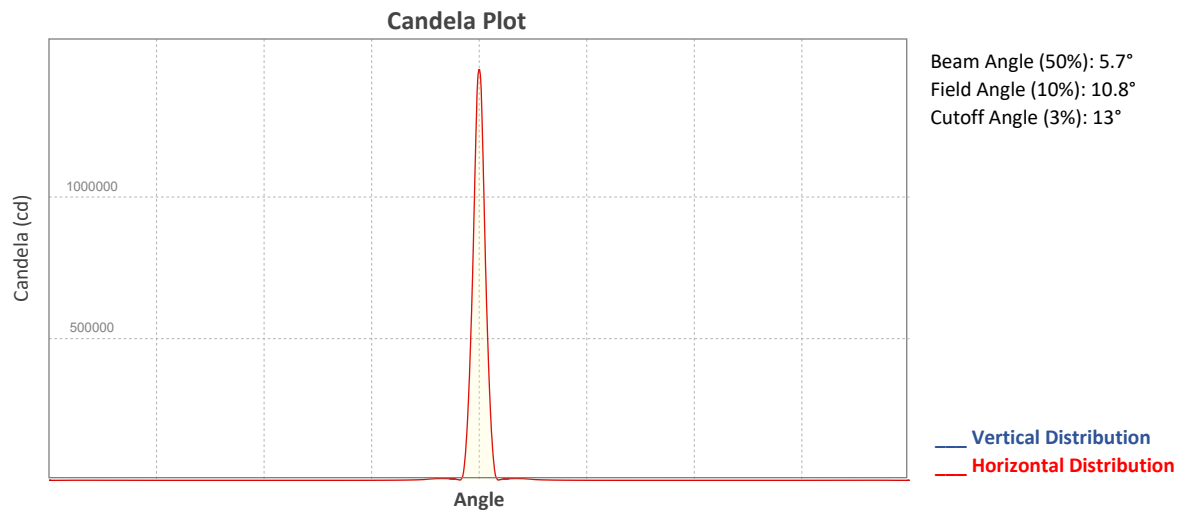


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1416243	354061	157360	88515	56650	39340	28903	22129	17484	14162
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11704	9835	8380	7226	6294	5532	4900	4371	3923	3541
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	131573	32893	14619	8223	5263	3655	2685	2056	1624	1316
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1087	914	779	671	585	514	455	406	364	329

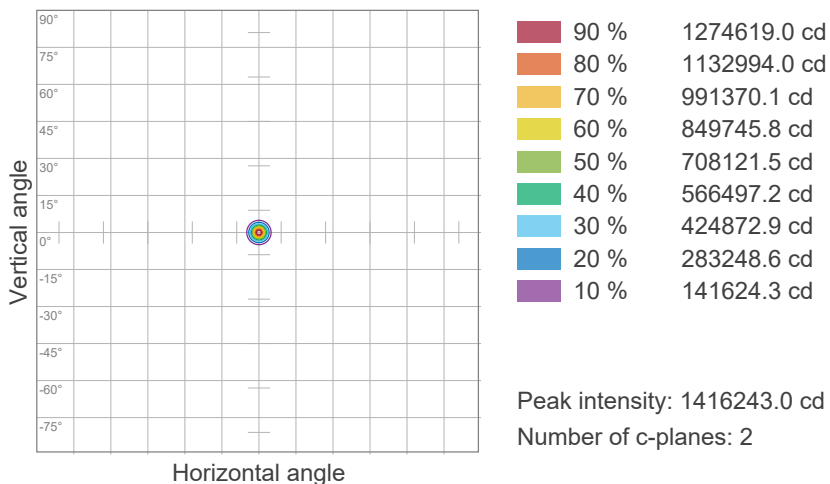
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV25

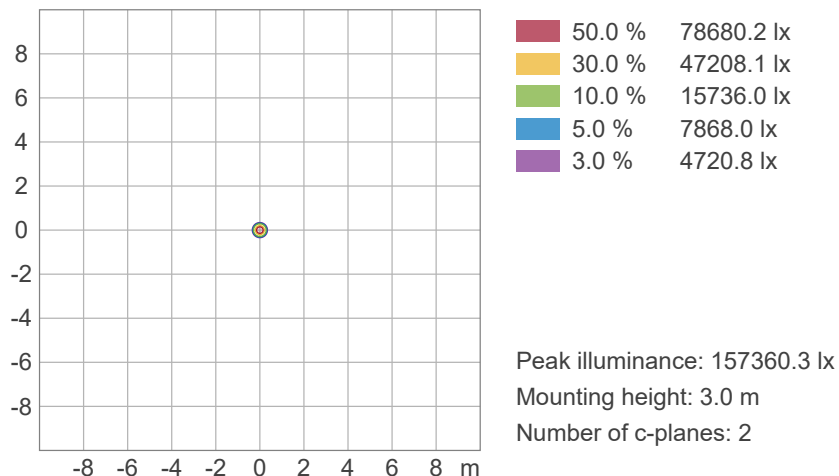


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

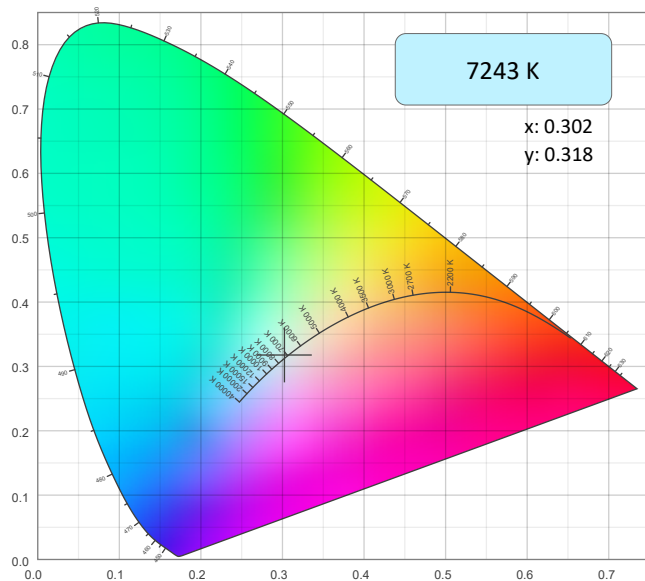


# Photometric & Chromaticity Report

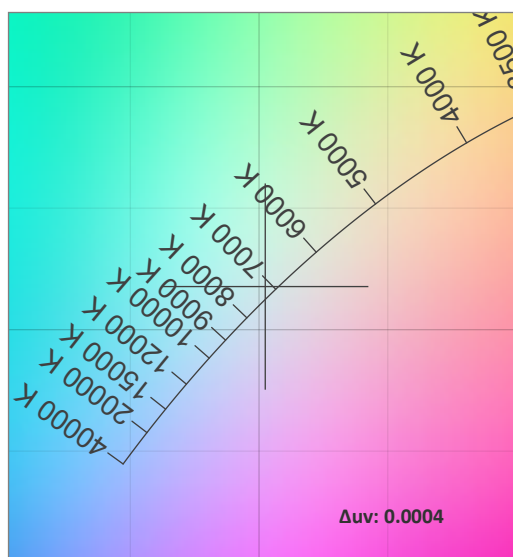
Maverick Force 2 Solo Wash: Full Spot - Full Power - TV25

## Chromaticity

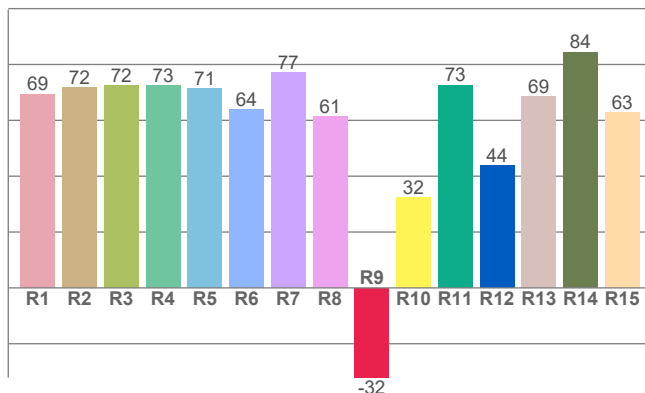
CIE 1931



CIE 1931 - Zoom



CRI: 70.0 (R1-R8)

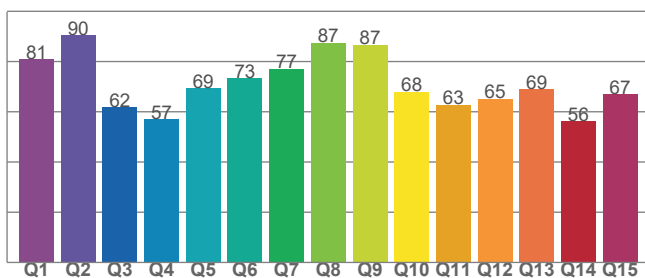


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7243 K	0.302	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0004	0.318	0.195

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.0	-32.1	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.4	95.0



# Photometric & Chromaticity Report

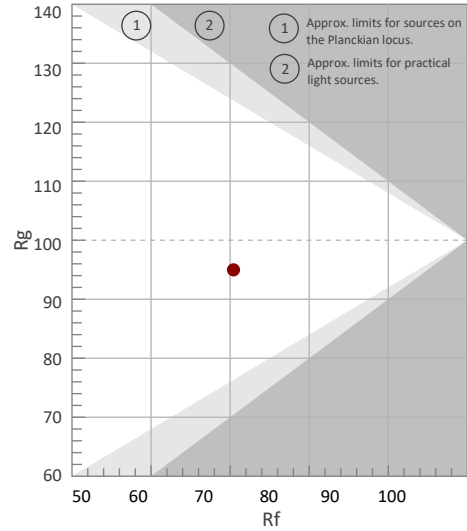
Maverick Force 2 Solo Wash: Full Spot - Full Power - TV25

## TM-30 Details

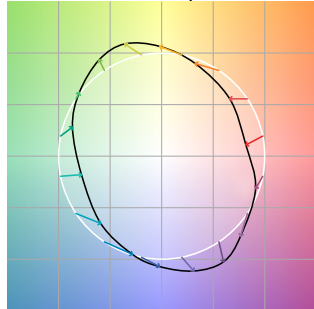
**Rf 70.4**  
Fidelity Index  
(Rg)

**Rg 95.0**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	82	11%	-1%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	19%	-7%
15	71	7%	-22%
16	75	-5%	-13%



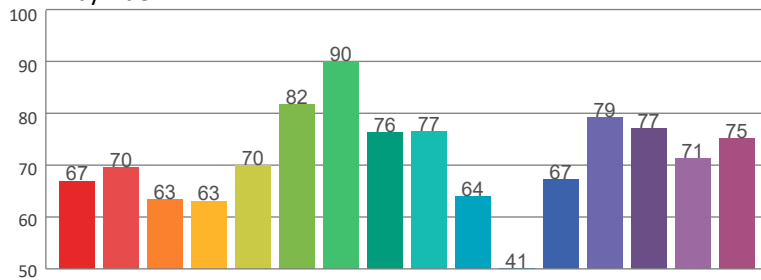
Color Vector Graphic



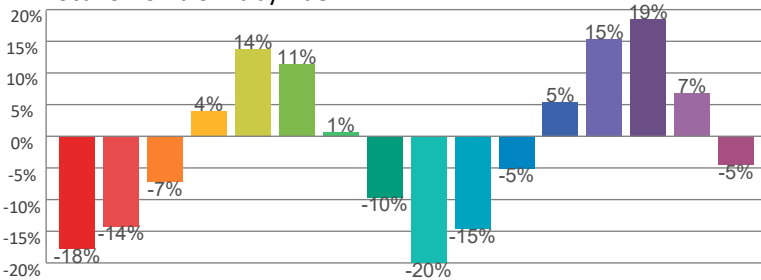
Color Distortion Graphic



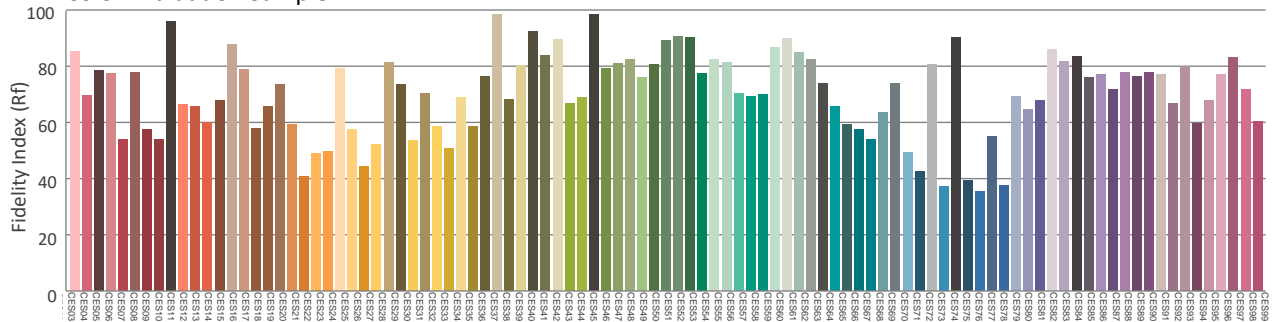
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV35

## Report Summary

### Measurements

Fixture Output: 16280 lm  
Fixture Peak: 1250666 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 50027 lux  
Color Temperature: 7161 K  
CRI: 69.6    CRI R9 Value: -33.6  
CQS: 69.5  
TLCI: 47  
TM-30 Rf: 70.2  
TM-30 Rg: 94.9  
Beam Angle (50%): 6.1°  
Field Angle (10%): 9.2°  
Cutoff Angle (3%): 11.2°

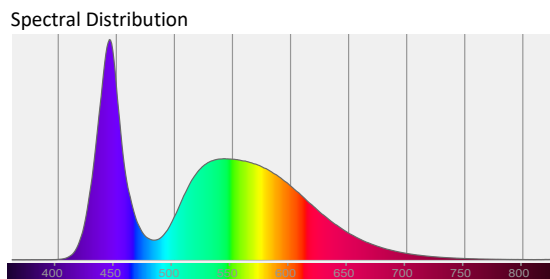
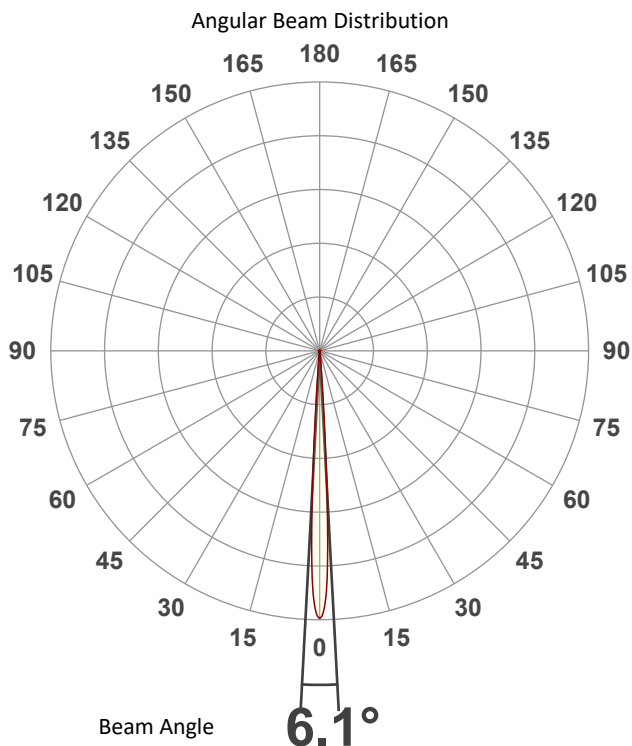


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

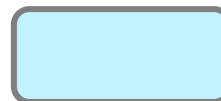
## Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.319



Light Quality

CRI: 69.6

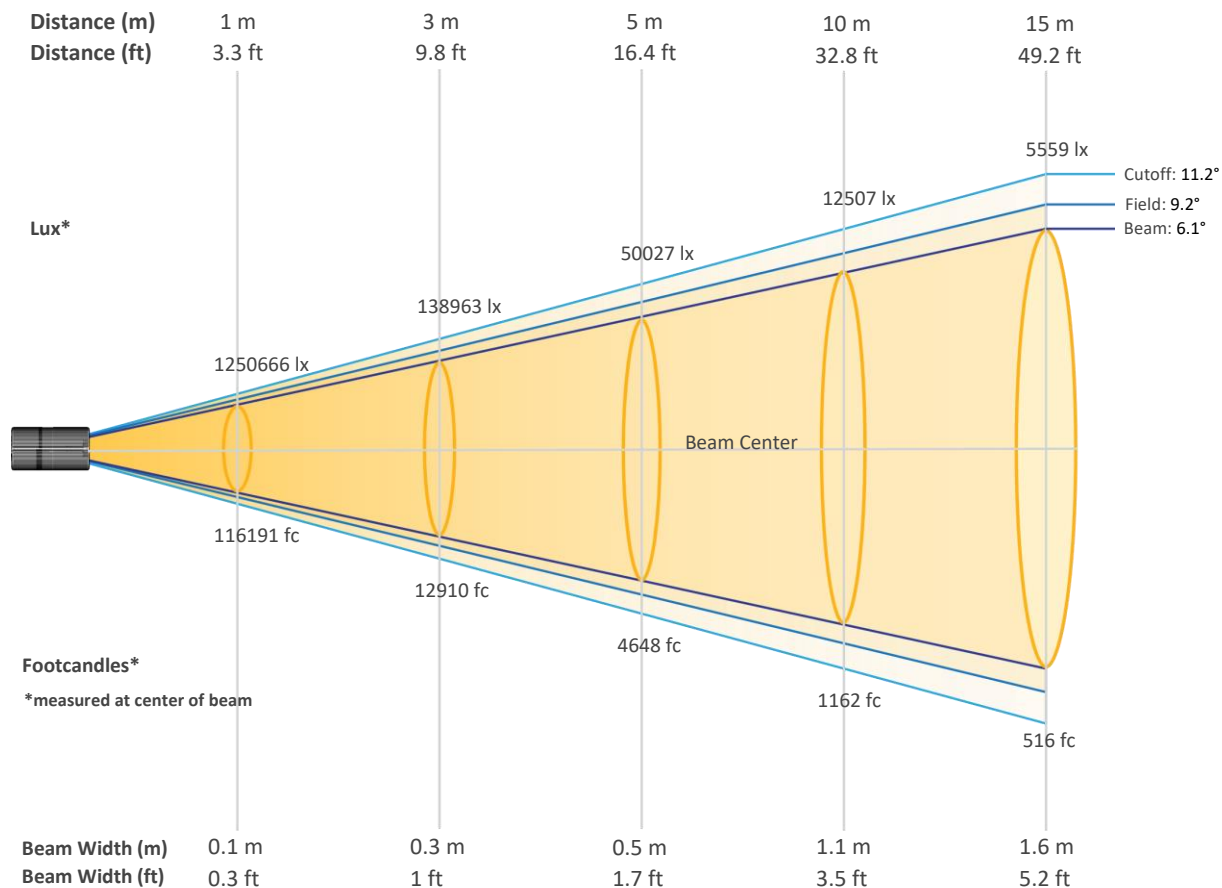
Color Temperature

7161 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV35

## Beam Details

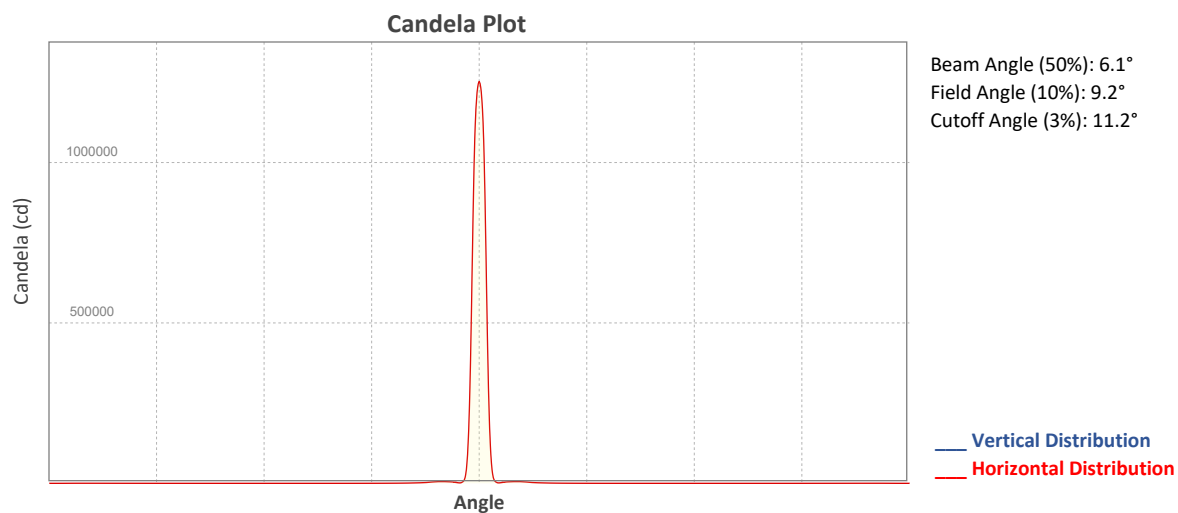


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1250666	312666	138963	78167	50027	34741	25524	19542	15440	12507
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10336	8685	7400	6381	5559	4885	4328	3860	3464	3127
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	116191	29048	12910	7262	4648	3228	2371	1815	1434	1162
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	960	807	688	593	516	454	402	359	322	290

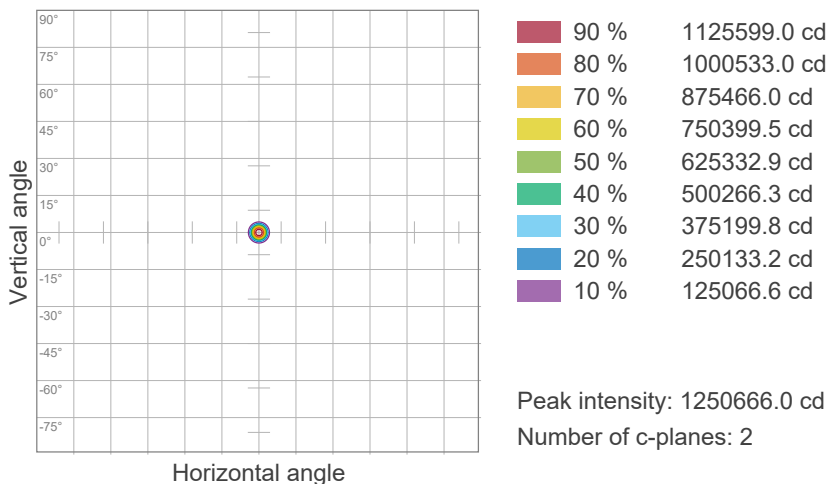
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV35

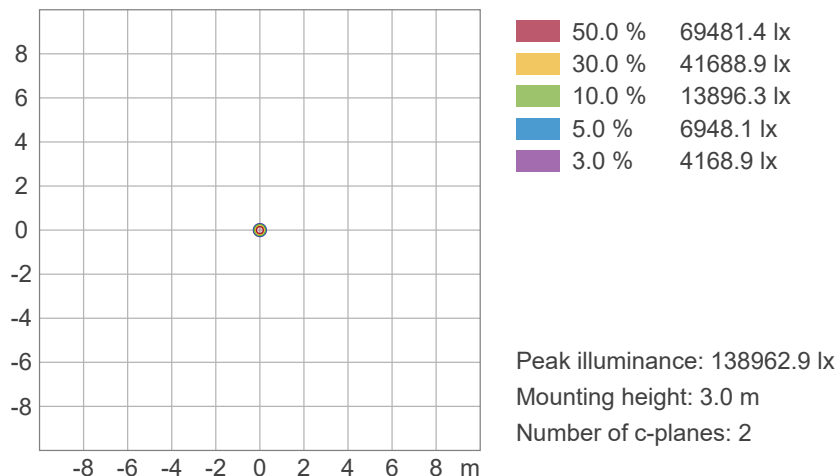


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

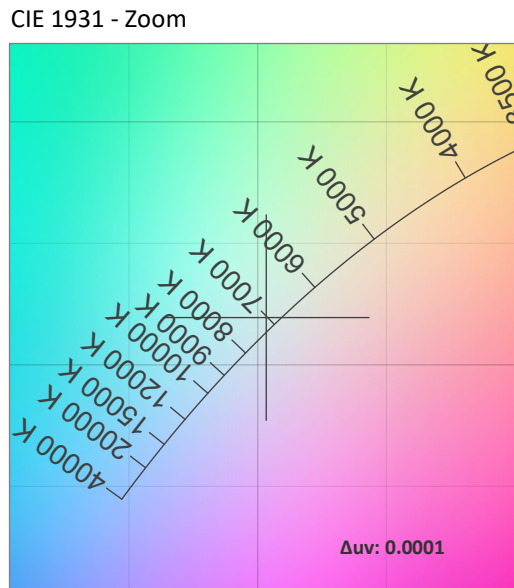
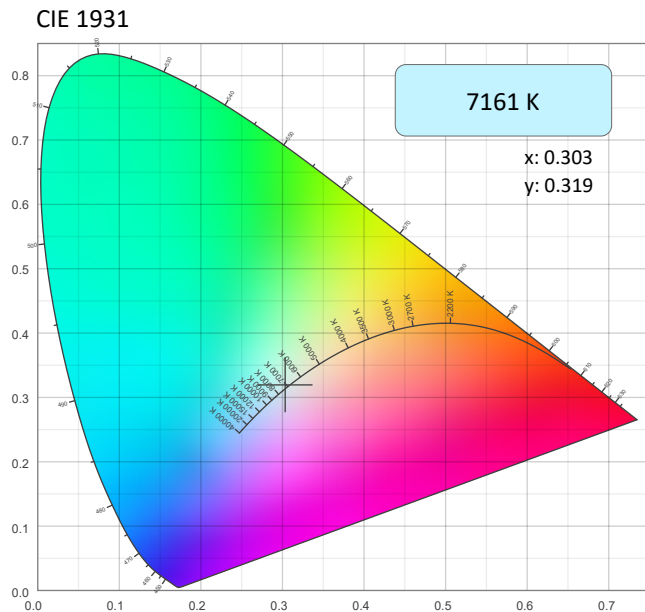




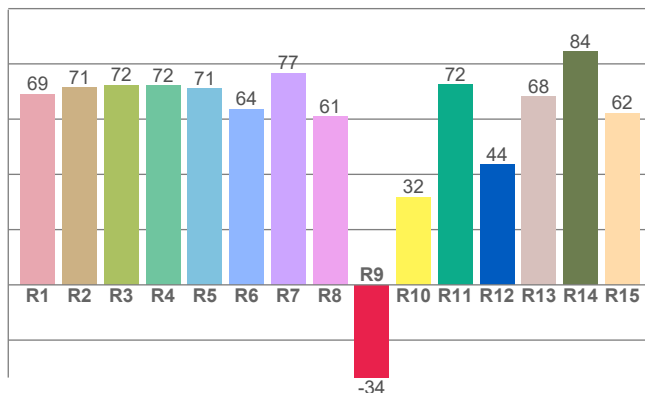
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: Full Spot - Full Power - TV35

## Chromaticity



CRI: 69.6 (R1-R8)

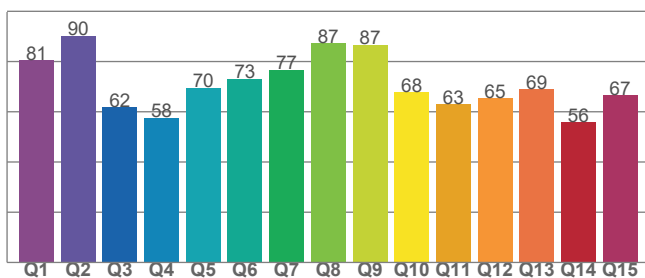


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7161 K	0.303	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.319	0.195

CQS: 69.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.6	-33.6	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.2	94.9

# Photometric & Chromaticity Report

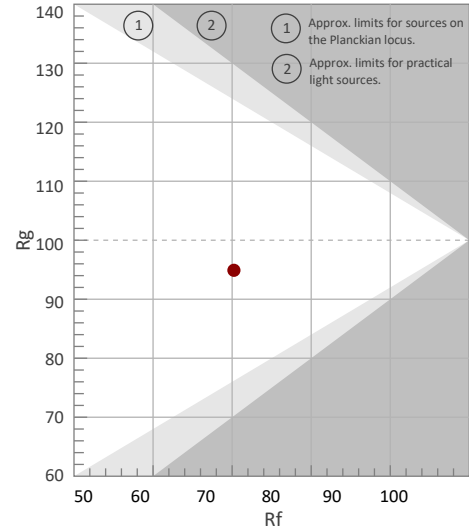
Maverick Force 2 Solo Wash: Full Spot - Full Power - TV35

## TM-30 Details

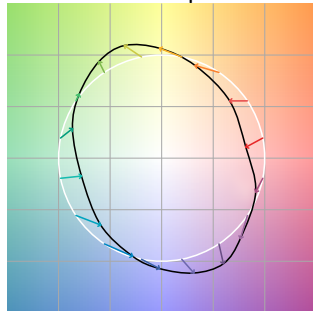
**Rf 70.2**  
Fidelity Index (Rg)

**Rg 94.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-6%
2	69	-14%	10%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	81	12%	-1%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	18%	-7%
15	70	7%	-22%
16	75	-4%	-14%



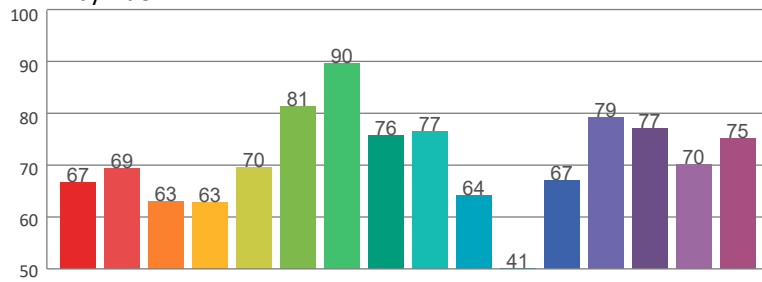
Color Vector Graphic



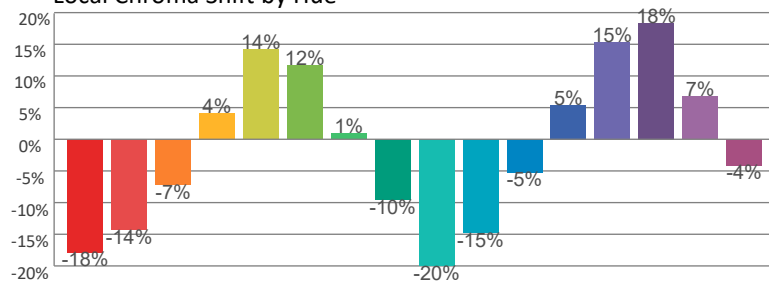
Color Distortion Graphic



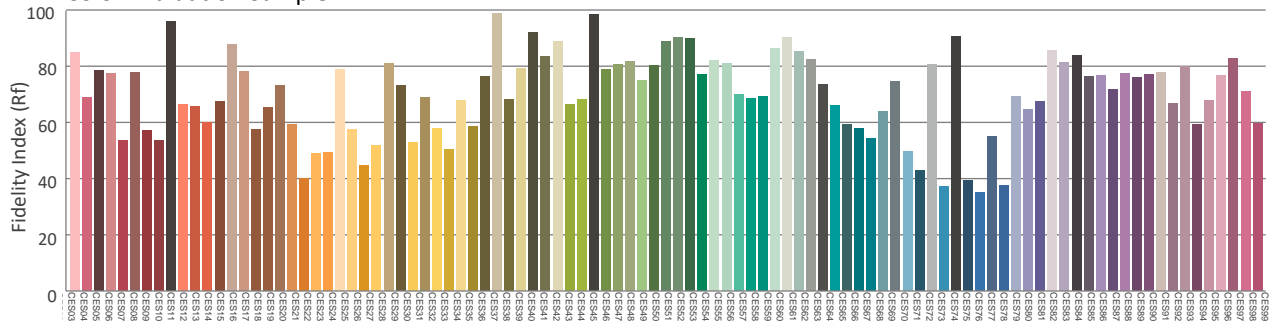
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power

## Report Summary

### Measurements

Fixture Output: 30541 lm  
Fixture Peak: 432367 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 17295 lux  
Color Temperature: 7292 K  
CRI: 70.5    CRI R9 Value: -30.4  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.9  
TM-30 Rg: 94.9  
Beam Angle (50%): 15.1°  
Field Angle (10%): 22.6°  
Cutoff Angle (3%): 26.3°

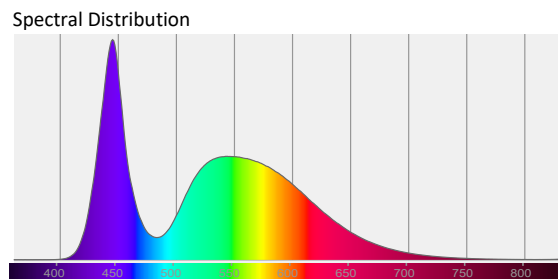
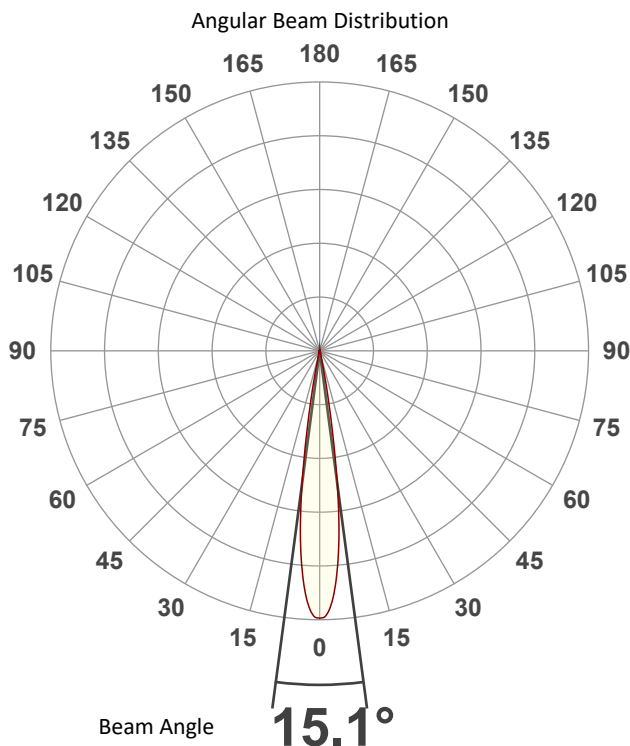


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.302  
Y: 0.317

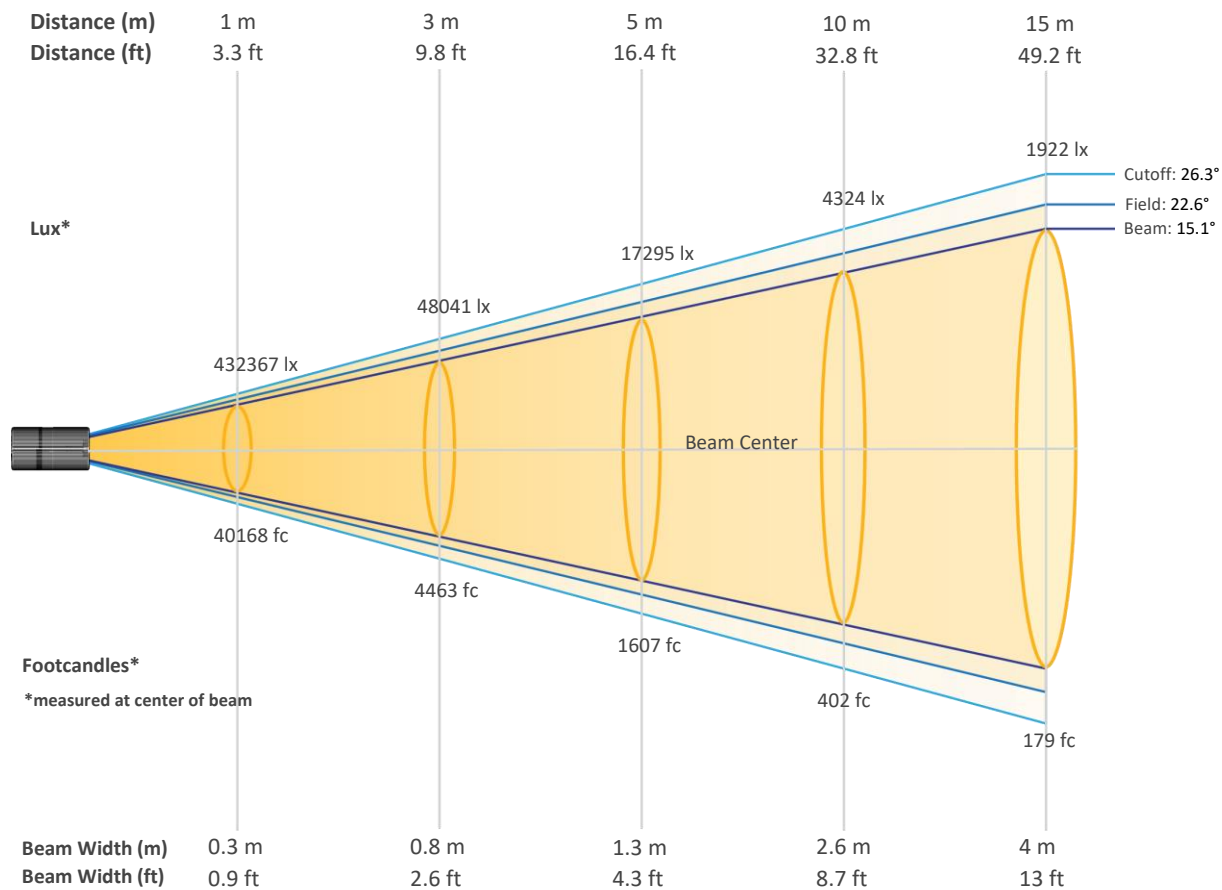
Light Quality  
CRI: 70.5

Color Temperature  
7292 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power

## Beam Details

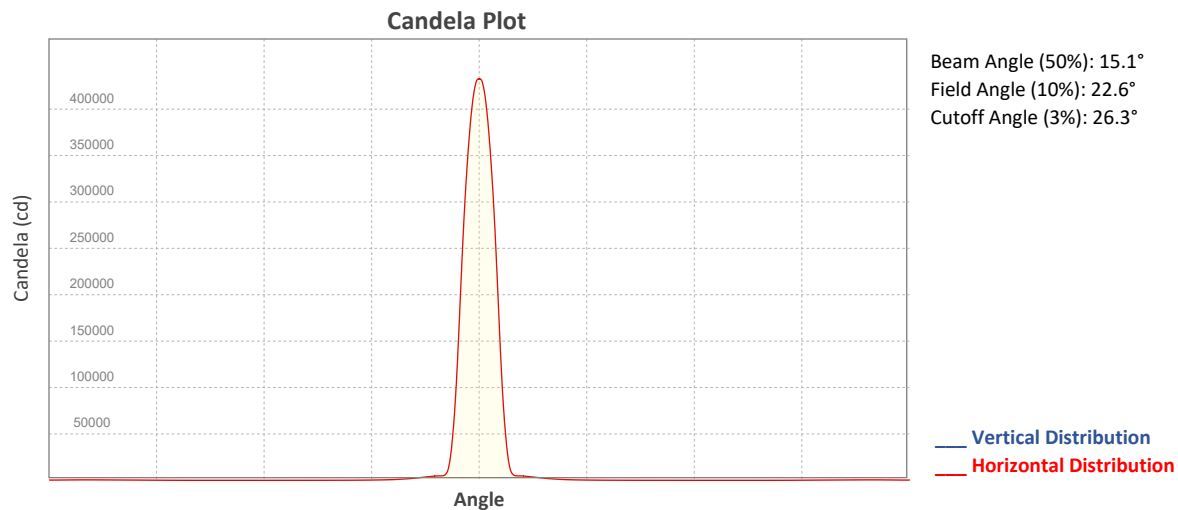


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	432367	108092	48041	27023	17295	12010	8824	6756	5338	4324
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3573	3003	2558	2206	1922	1689	1496	1334	1198	1081
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	40168	10042	4463	2511	1607	1116	820	628	496	402
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	332	279	238	205	179	157	139	124	111	100

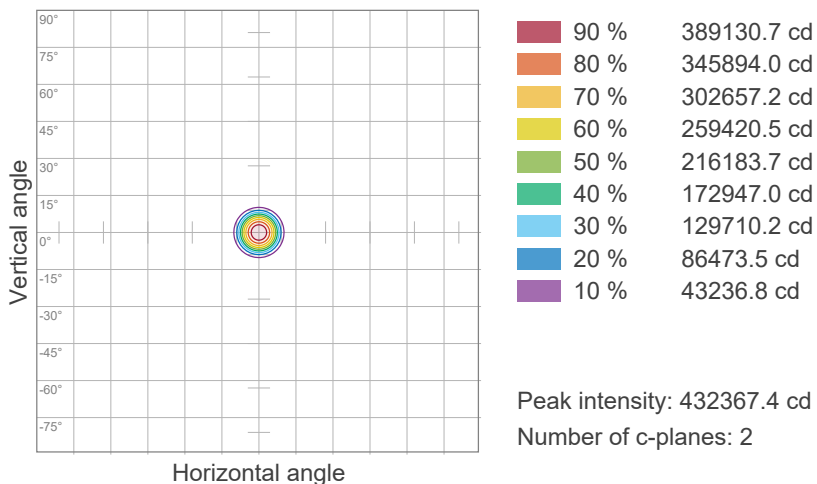
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power

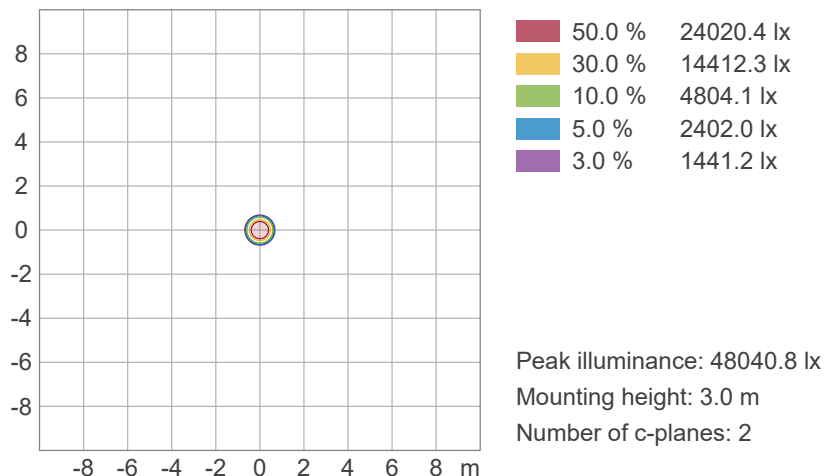


## ISO Diagrams

### ISO Candela Diagram



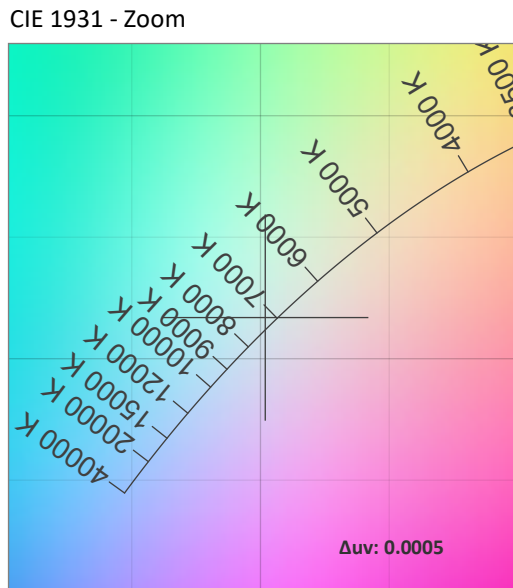
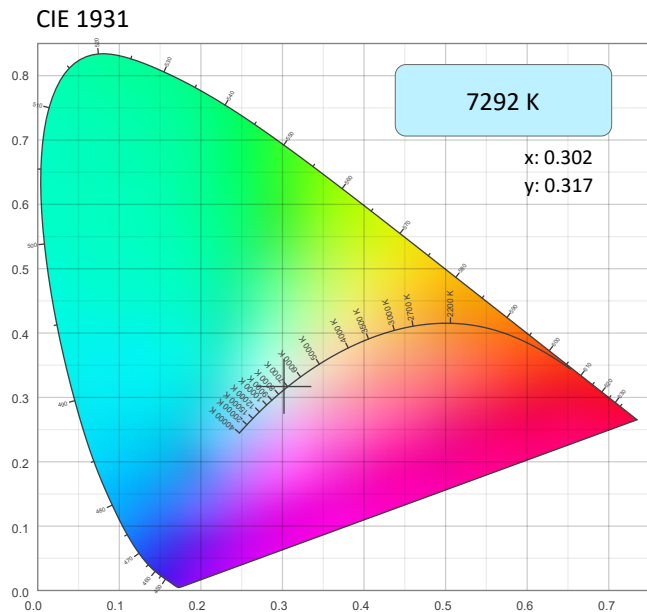
### ISO Lux Diagram



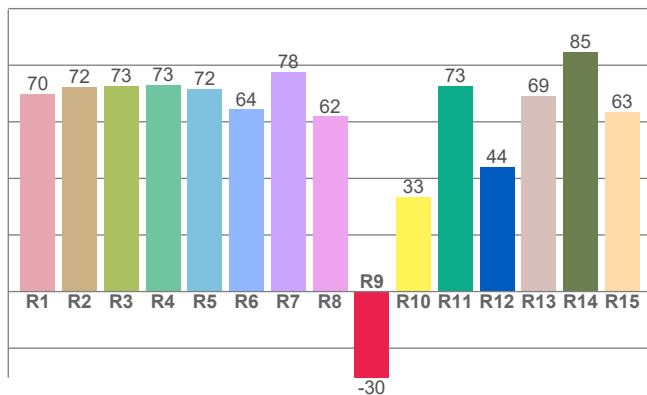
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power

## Chromaticity



CRI: 70.5 (R1-R8)

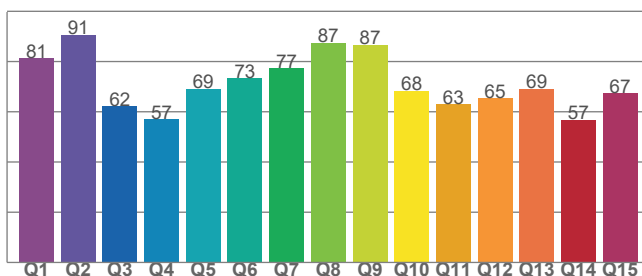


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7292 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0005	0.317	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.5	-30.4	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.9	94.9

# Photometric & Chromaticity Report

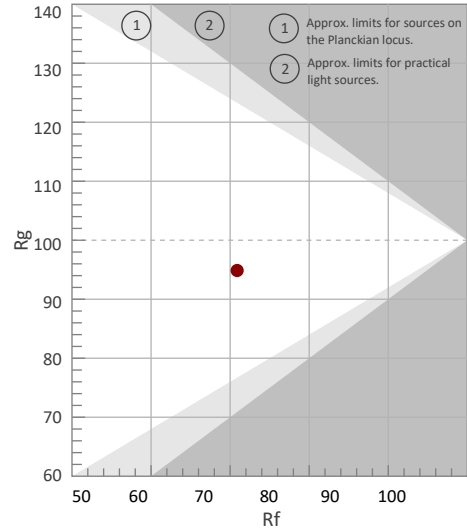
Maverick Force 2 Solo Wash: 50% Zoom - Full Power

## TM-30 Details

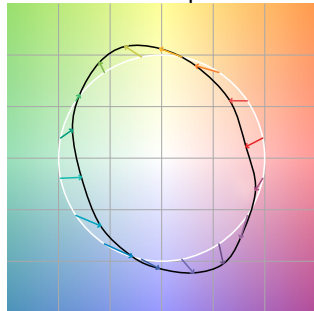
**Rf 70.9**  
Fidelity Index (Rg)

**Rg 94.9**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	76	-5%	-13%



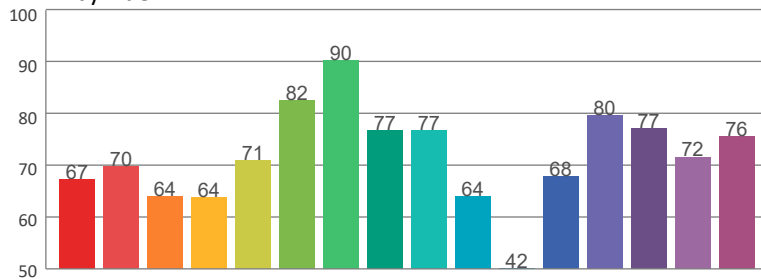
Color Vector Graphic



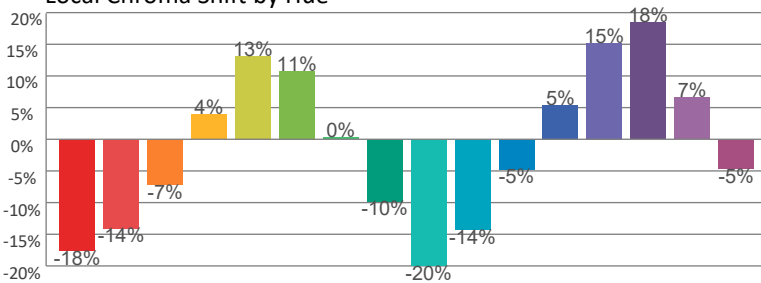
Color Distortion Graphic



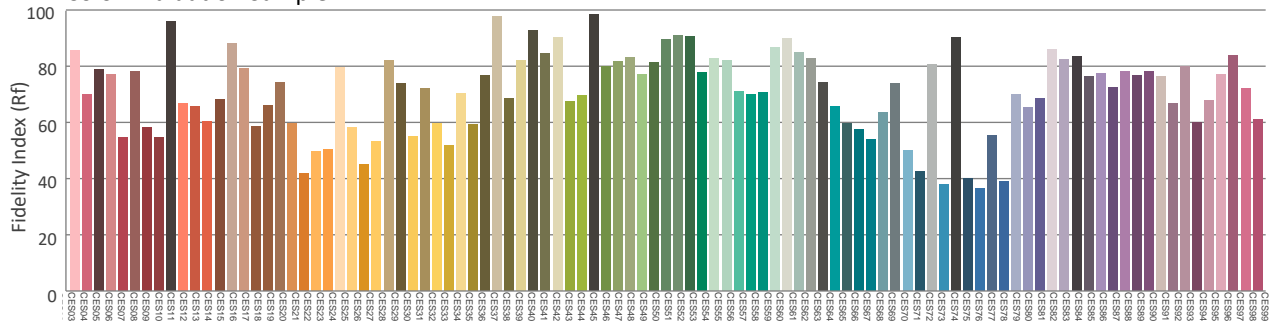
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Auto

## Report Summary

### Measurements

Fixture Output: 30549 lm  
Fixture Peak: 429050 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 17162 lux  
Color Temperature: 7306 K  
CRI: 70.6    CRI R9 Value: -30.0  
CQS: 69.9  
TLCI: 48  
TM-30 Rf: 71.0  
TM-30 Rg: 94.8  
Beam Angle (50%): 15.2°  
Field Angle (10%): 22.6°  
Cutoff Angle (3%): 26.4°

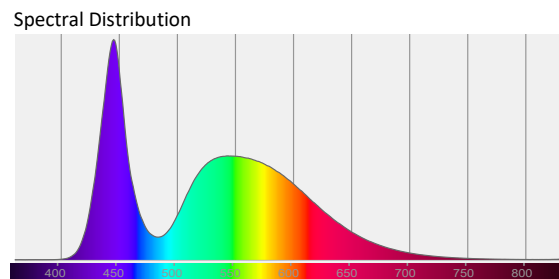
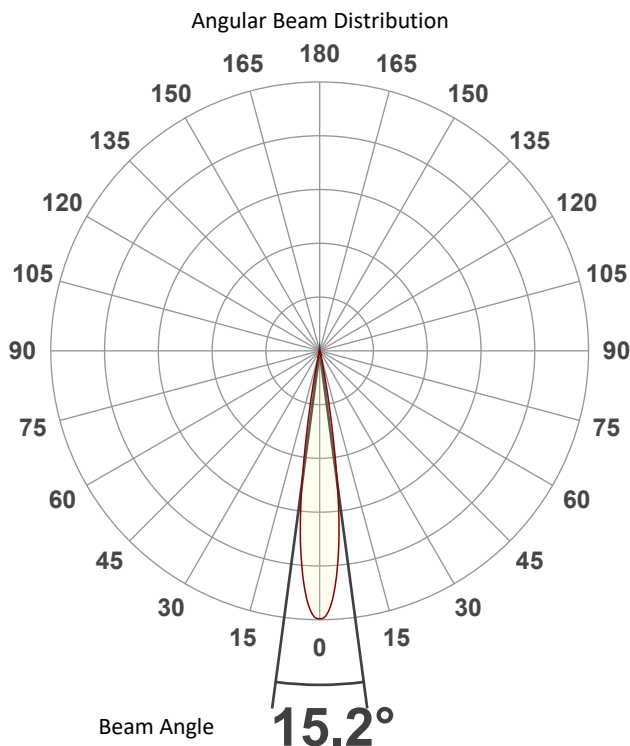


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

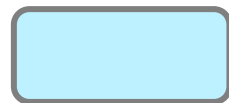
## Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.317



Light Quality

CRI: 70.6

Color Temperature

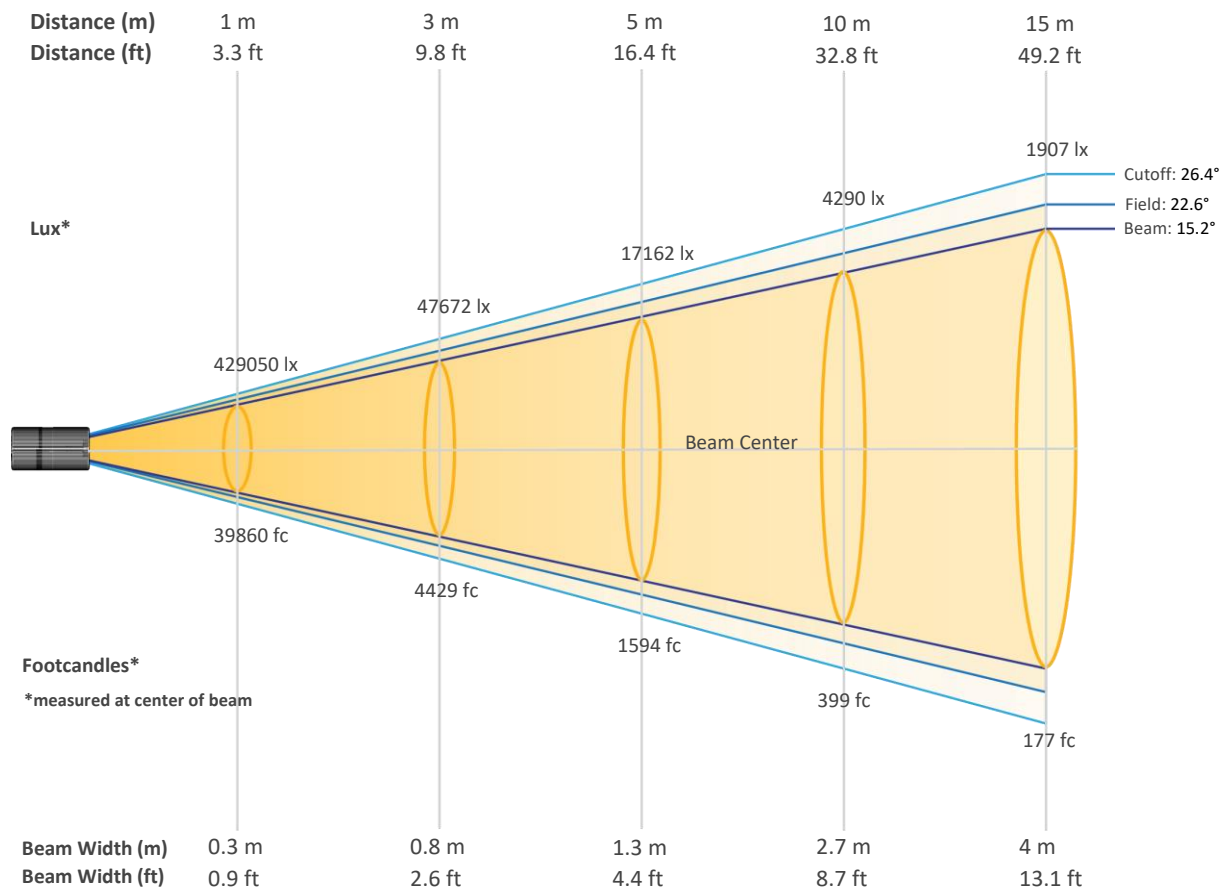
7306 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Auto

## Beam Details

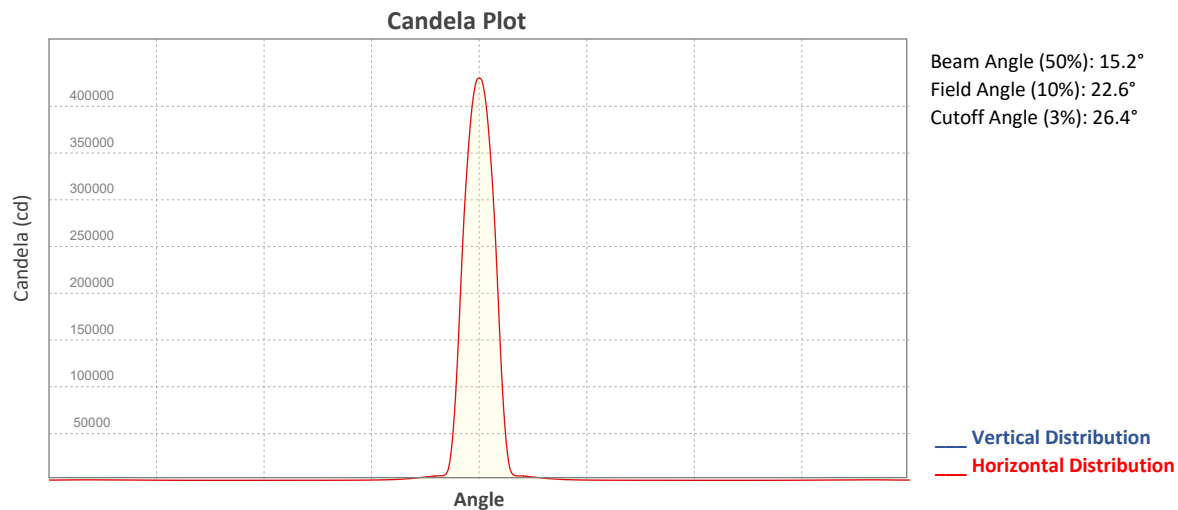


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	429050	107262	47672	26816	17162	11918	8756	6704	5297	4290
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3546	2980	2539	2189	1907	1676	1485	1324	1189	1073
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	39860	9965	4429	2491	1594	1107	813	623	492	399
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	329	277	236	203	177	156	138	123	110	100

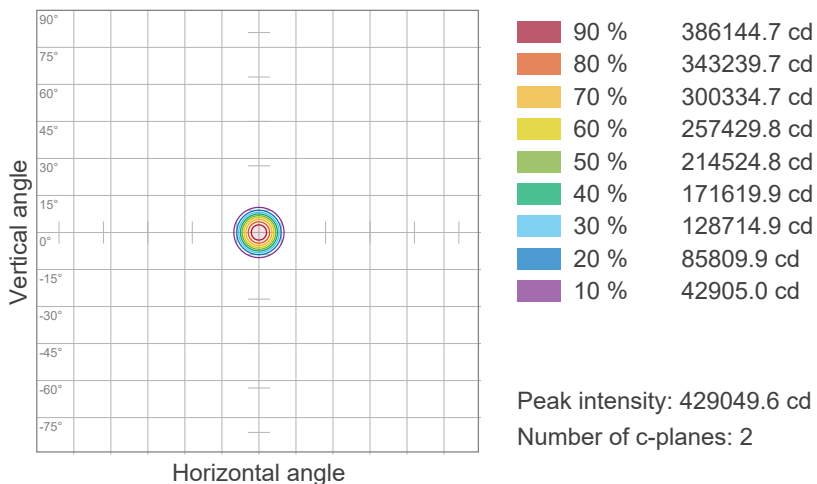
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Auto

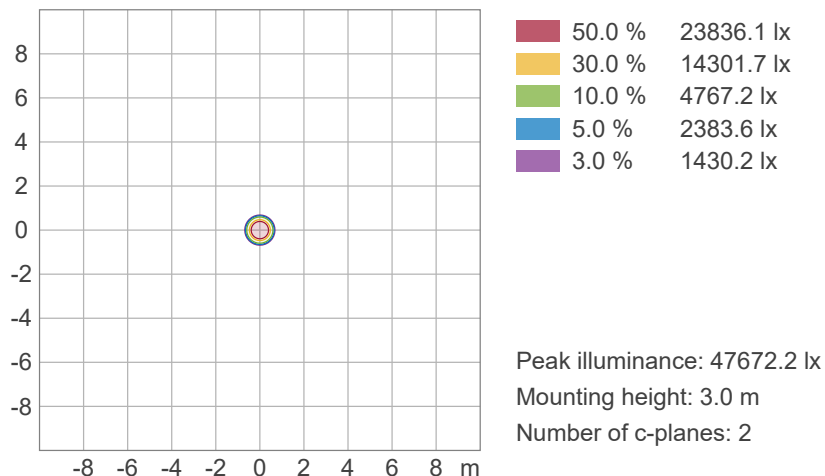


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

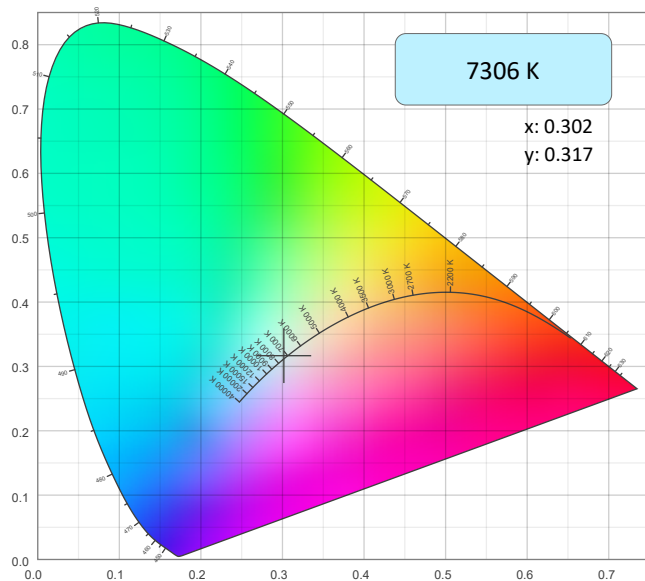


# Photometric & Chromaticity Report

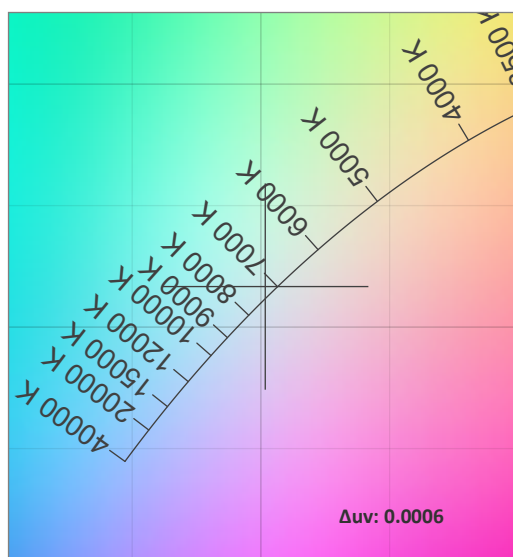
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Auto

## Chromaticity

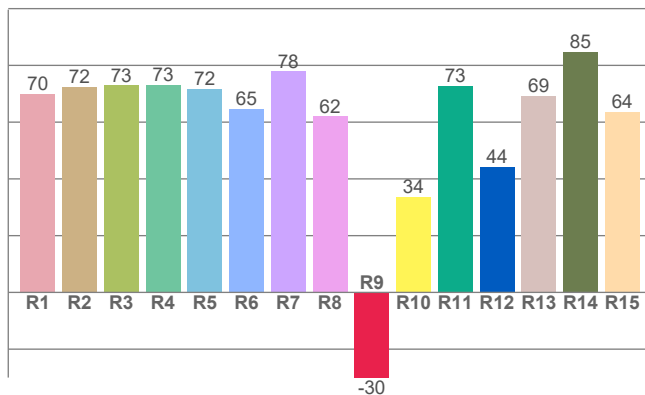
CIE 1931



CIE 1931 - Zoom



CRI: 70.6 (R1-R8)

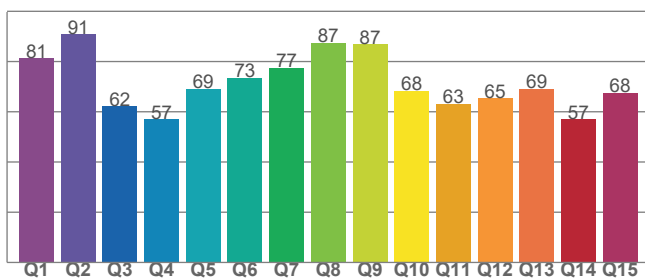


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7306 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0006	0.317	0.195

CQS: 69.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.6	-30.0	69.9

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

# Photometric & Chromaticity Report

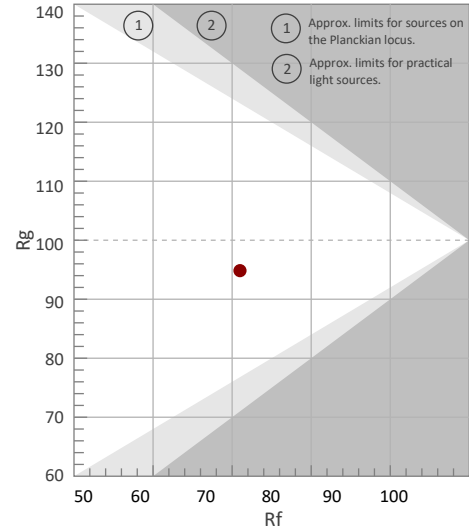
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Auto

## TM-30 Details

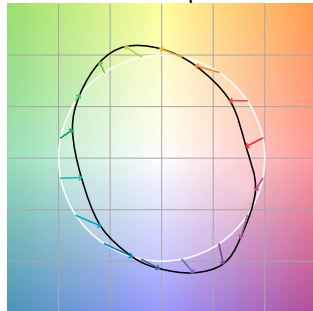
**Rf 71.0**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	13%
6	83	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	76	-5%	-13%



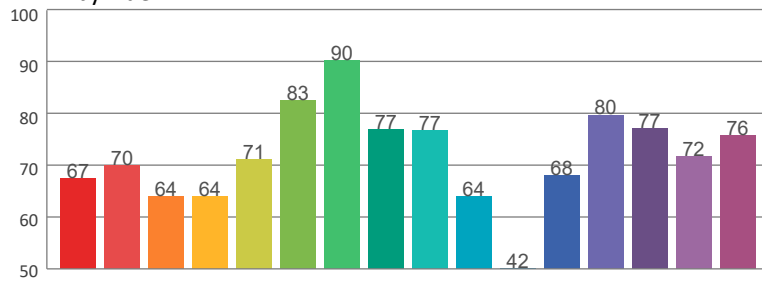
Color Vector Graphic



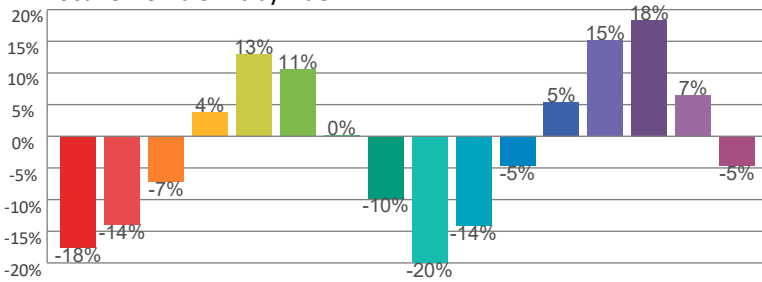
Color Distortion Graphic



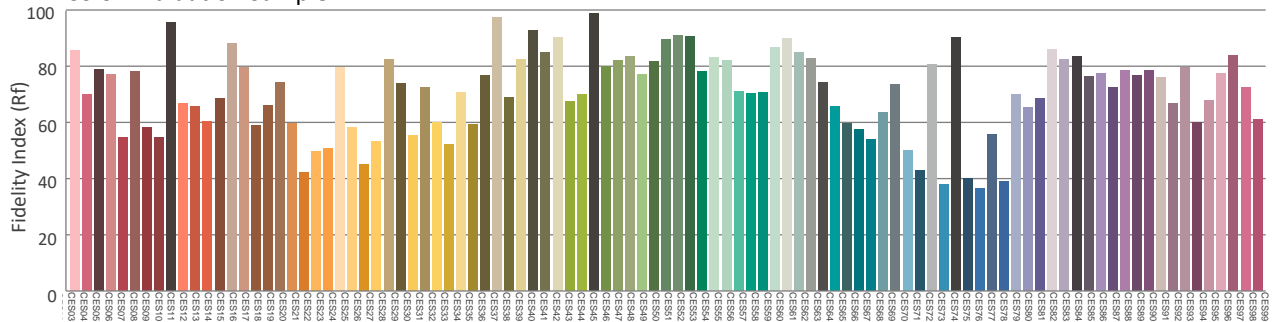
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - ECO

## Report Summary

### Measurements

Fixture Output: 28281 lm  
Fixture Peak: 400064 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 16003 lux  
Color Temperature: 7282 K  
CRI: 70.4    CRI R9 Value: -30.9  
CQS: 69.8  
TLCI: 48  
TM-30 Rf: 70.8  
TM-30 Rg: 94.8  
Beam Angle (50%): 15.3°  
Field Angle (10%): 22.5°  
Cutoff Angle (3%): 26.1°

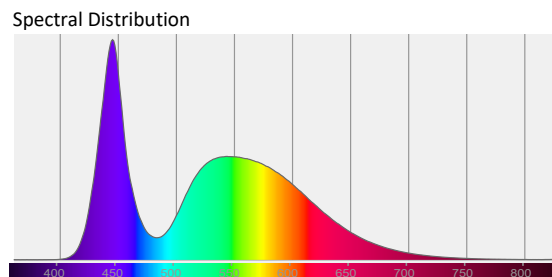
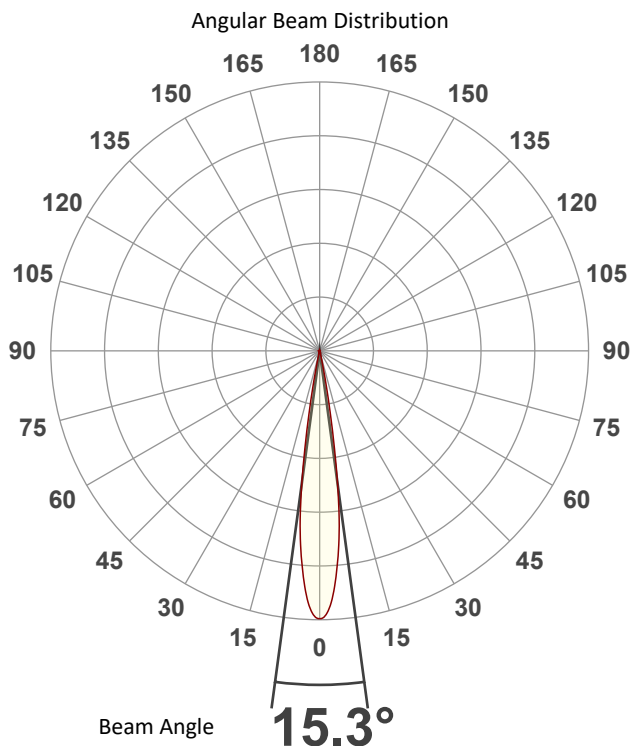


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.302  
Y: 0.317

Light Quality  
CRI: 70.4

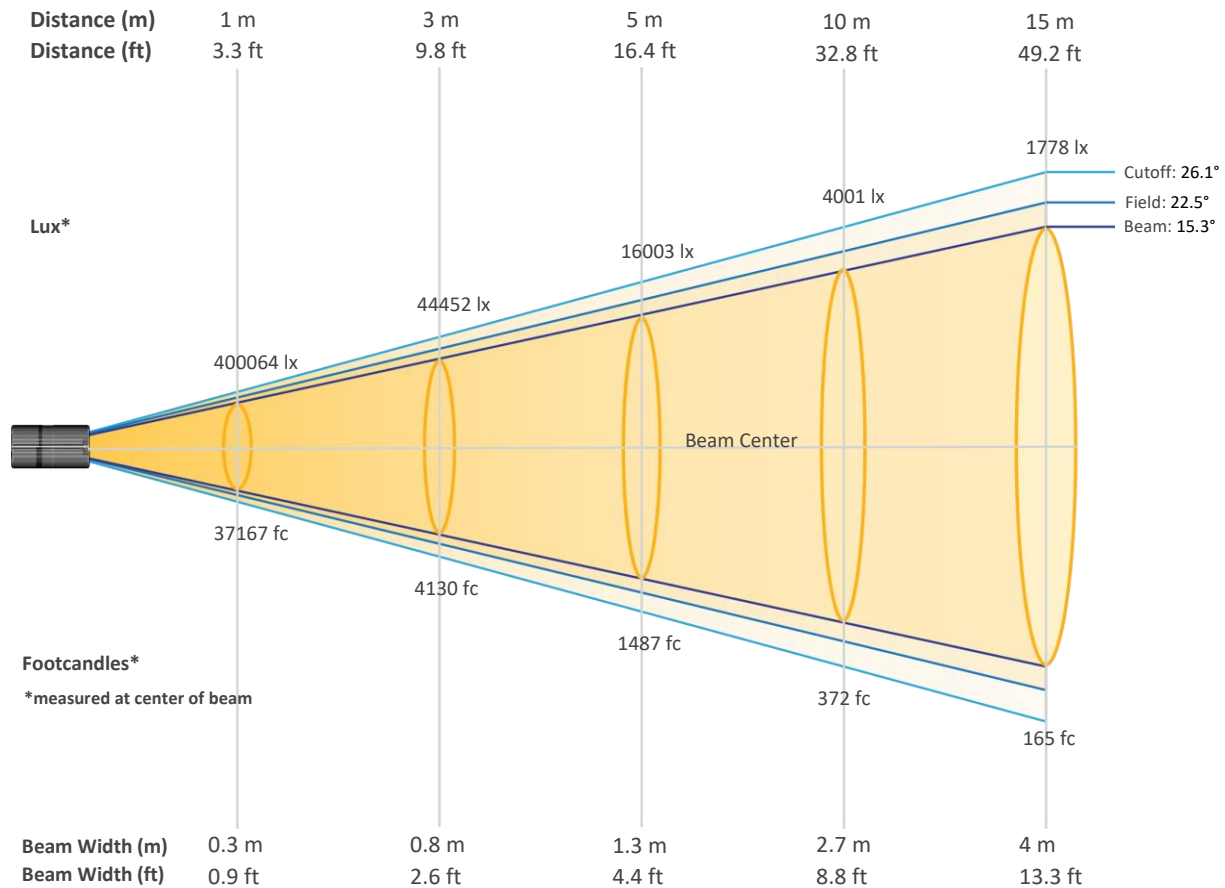
Color Temperature  
7282 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - ECO

## Beam Details

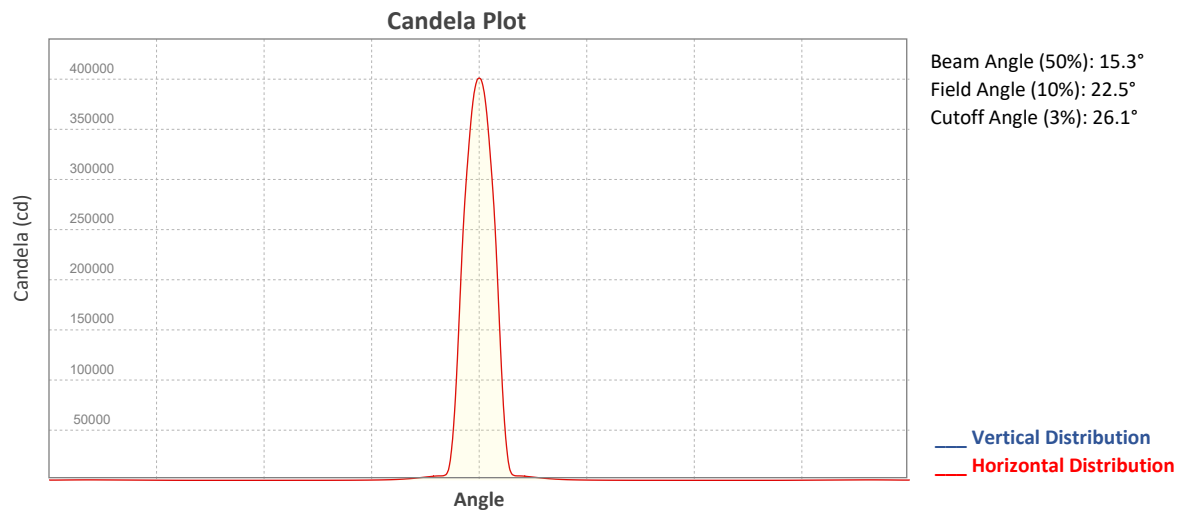


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	400064	100016	44452	25004	16003	11113	8165	6251	4939	4001
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3306	2778	2367	2041	1778	1563	1384	1235	1108	1000
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	37167	9292	4130	2323	1487	1032	759	581	459	372
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	307	258	220	190	165	145	129	115	103	93

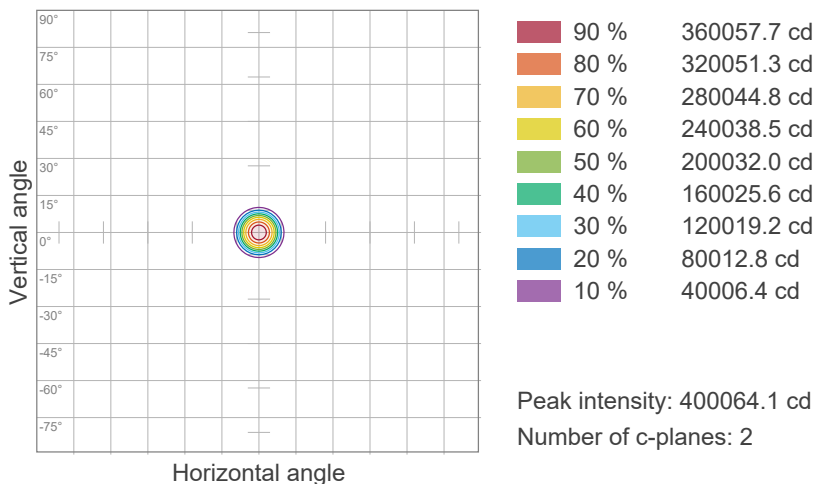
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - ECO

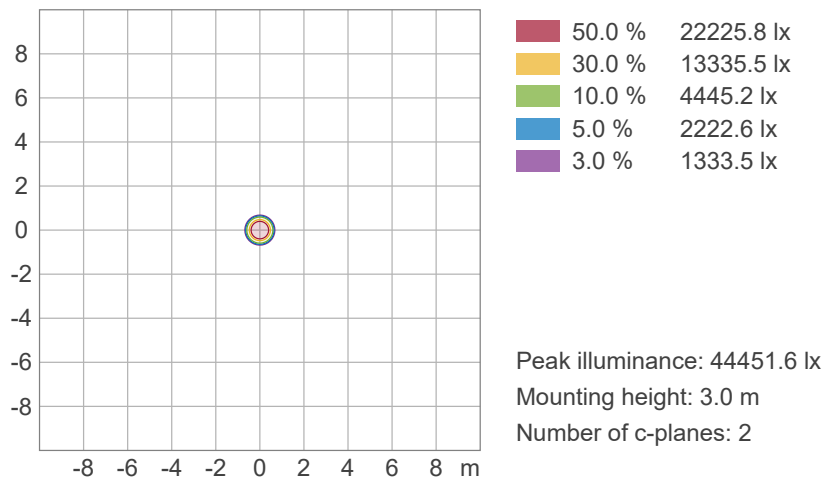


## ISO Diagrams

ISO Candela Diagram



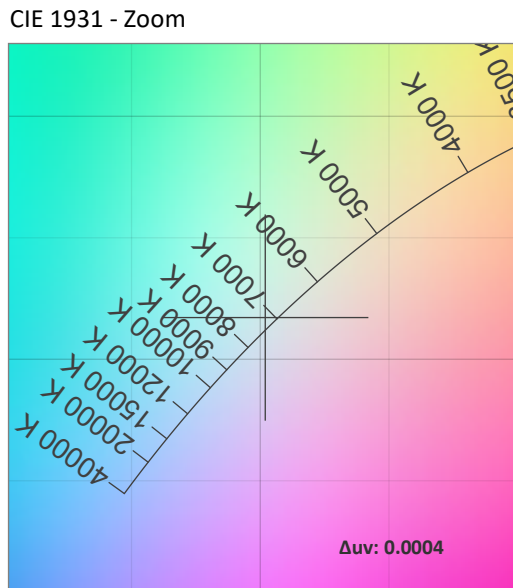
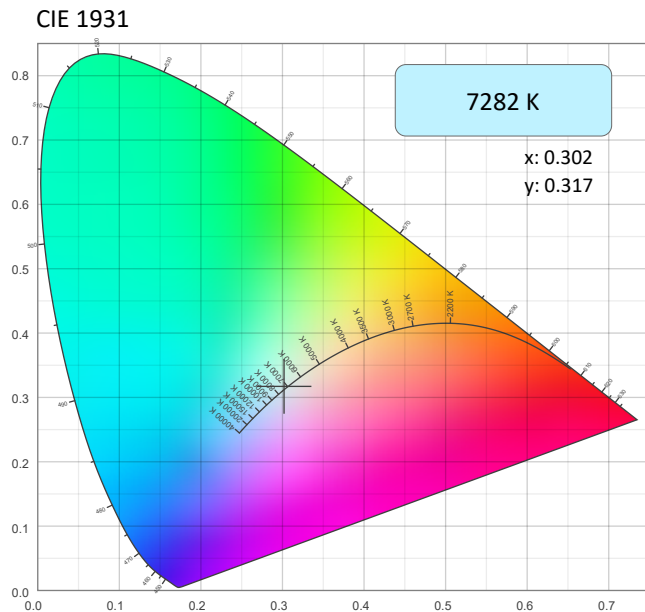
ISO Lux Diagram



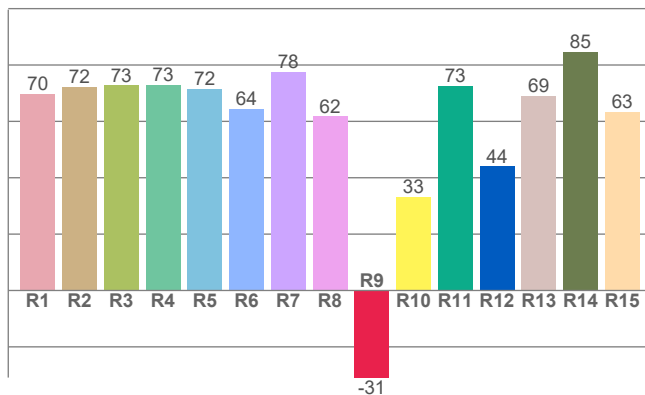
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - ECO

## Chromaticity



CRI: 70.4 (R1-R8)

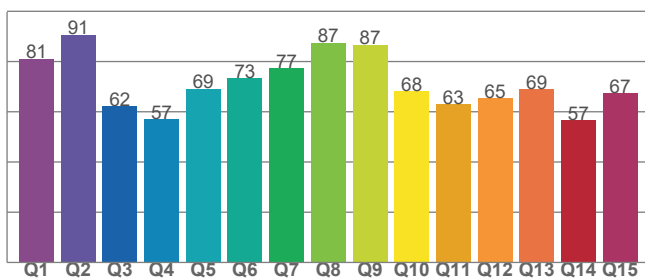


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7282 K	0.302	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0004	0.317	0.195

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.4	-30.9	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	70.8	94.8



# Photometric & Chromaticity Report

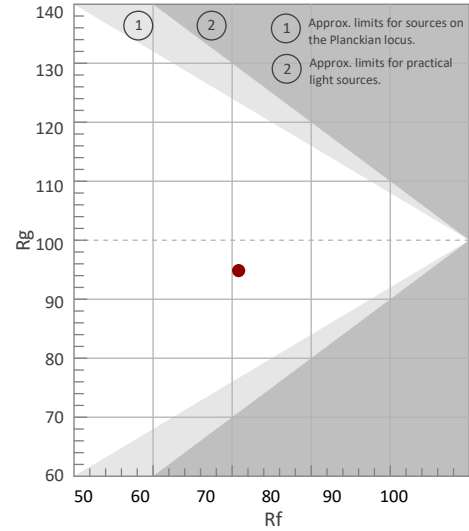
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - ECO

## TM-30 Details

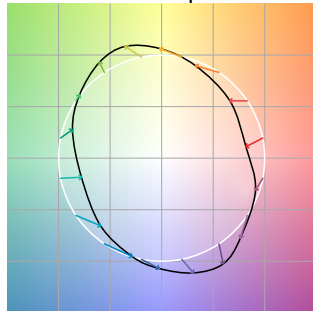
**Rf 70.8**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

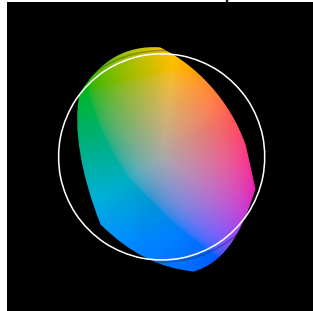
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	64	-7%	22%
4	64	4%	22%
5	71	13%	14%
6	82	11%	-2%
7	90	0%	-7%
8	77	-10%	-10%
9	77	-20%	3%
10	64	-14%	22%
11	42	-5%	29%
12	68	5%	18%
13	80	15%	9%
14	77	18%	-7%
15	72	7%	-22%
16	75	-5%	-13%



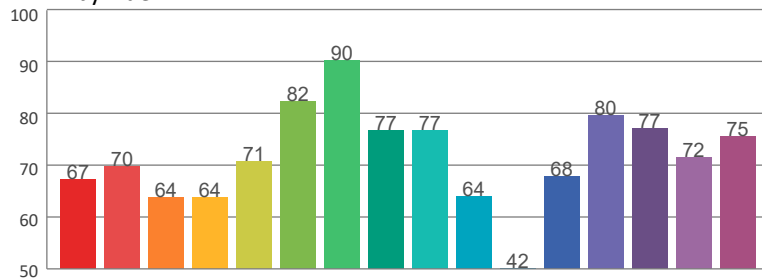
Color Vector Graphic



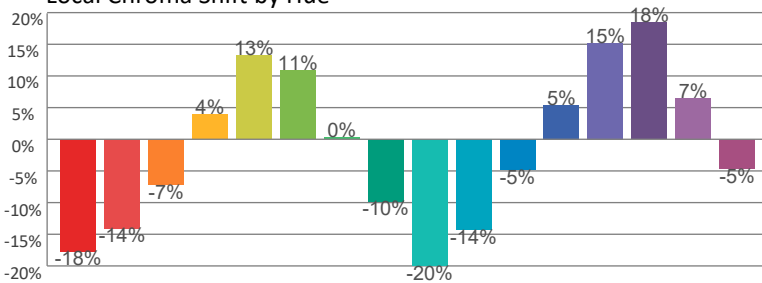
Color Distortion Graphic



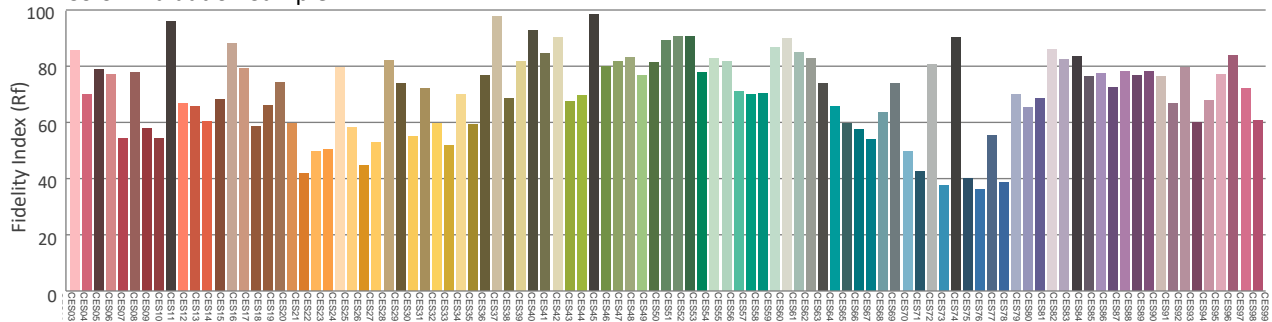
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV25

## Report Summary

### Measurements

Fixture Output: 19766 lm  
Fixture Peak: 280458 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 11218 lux  
Color Temperature: 7199 K  
CRI: 69.9    CRI R9 Value: -33.0  
CQS: 69.6  
TLCI: 47  
TM-30 Rf: 70.5  
TM-30 Rg: 94.8  
Beam Angle (50%): 14.9°  
Field Angle (10%): 22.7°  
Cutoff Angle (3%): 26.7°

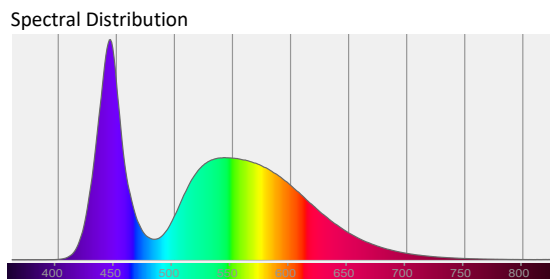
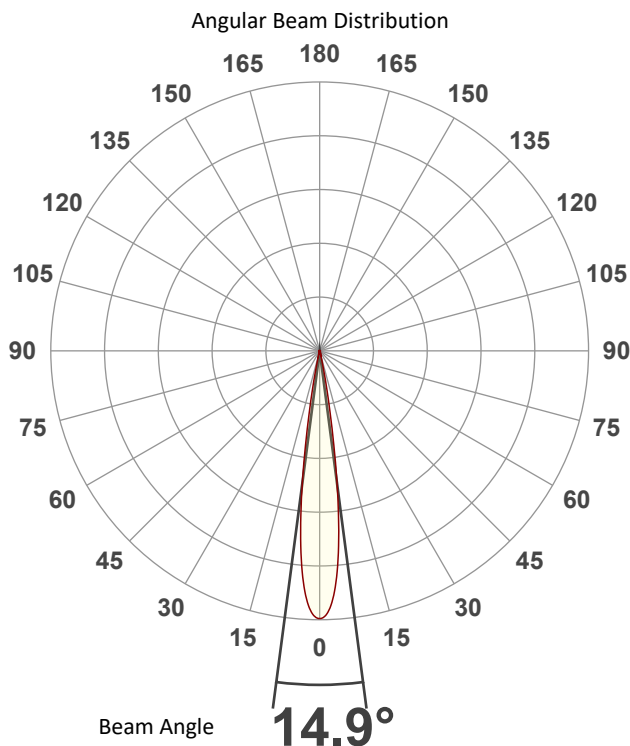


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

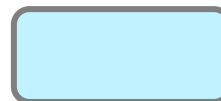
## Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.319



Light Quality

CRI: 69.9

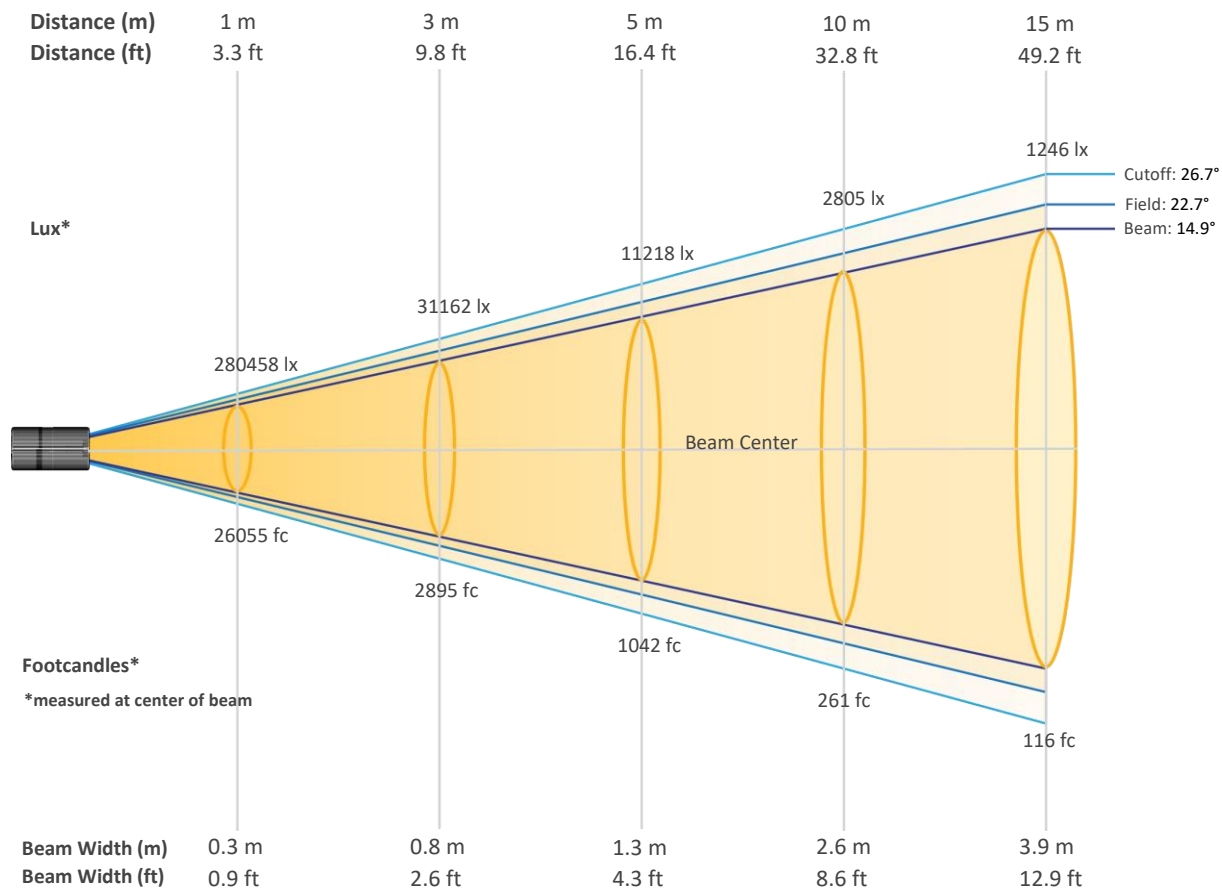
Color Temperature

7199 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV25

## Beam Details

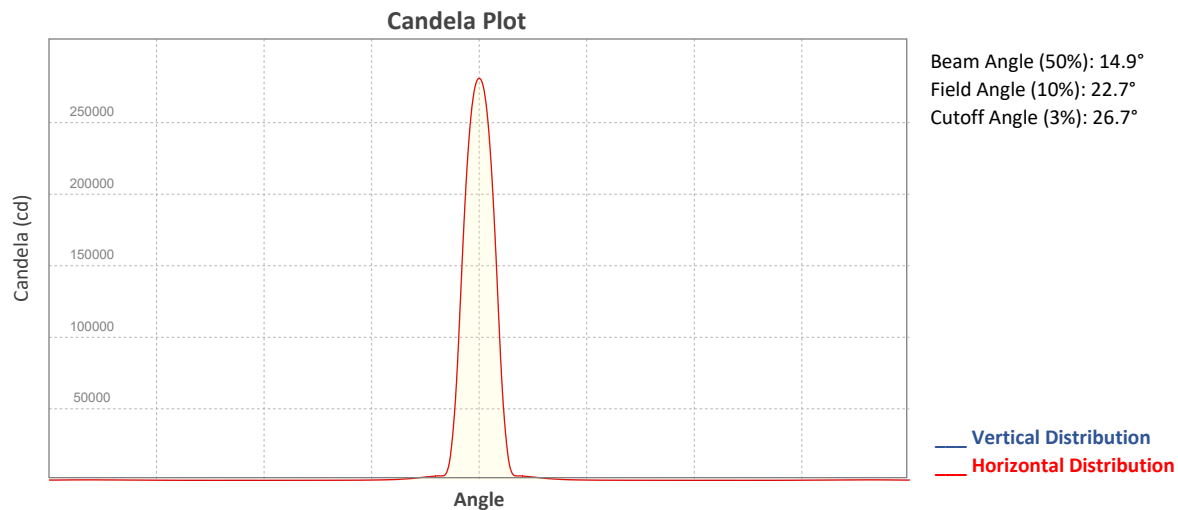


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	280458	70114	31162	17529	11218	7790	5724	4382	3462	2805
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2318	1948	1660	1431	1246	1096	970	866	777	701
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	26055	6514	2895	1628	1042	724	532	407	322	261
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	215	181	154	133	116	102	90	80	72	65

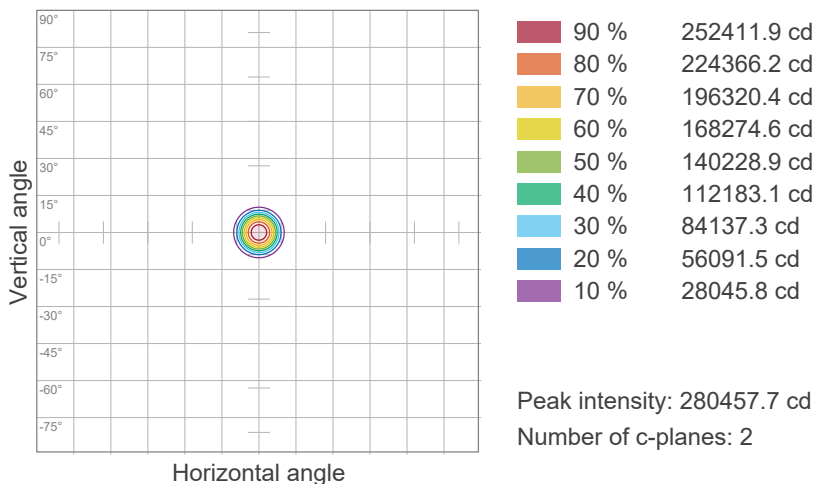
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV25

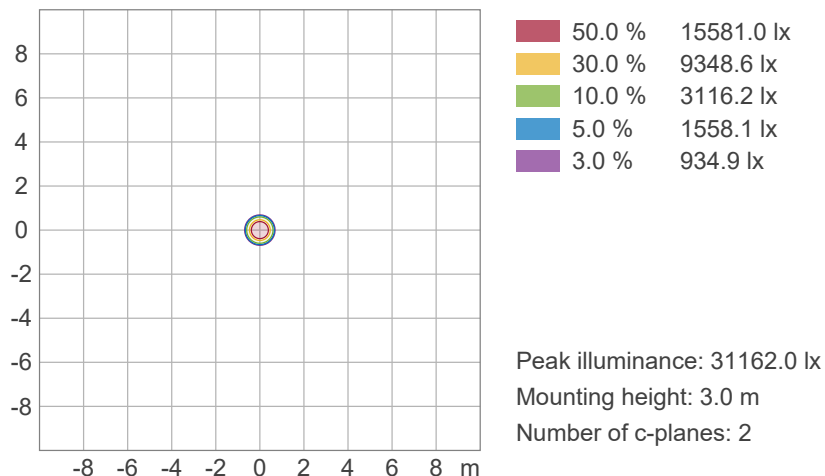


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

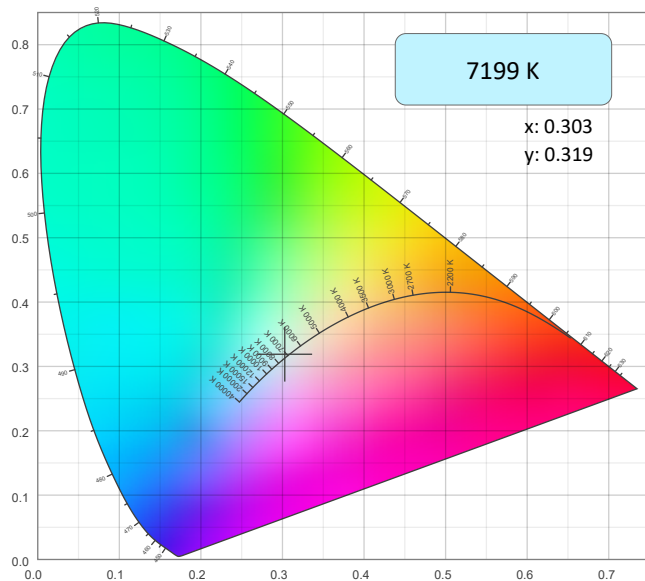


# Photometric & Chromaticity Report

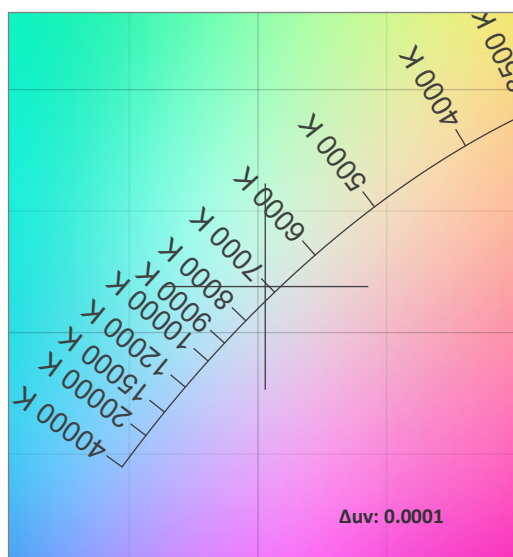
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV25

## Chromaticity

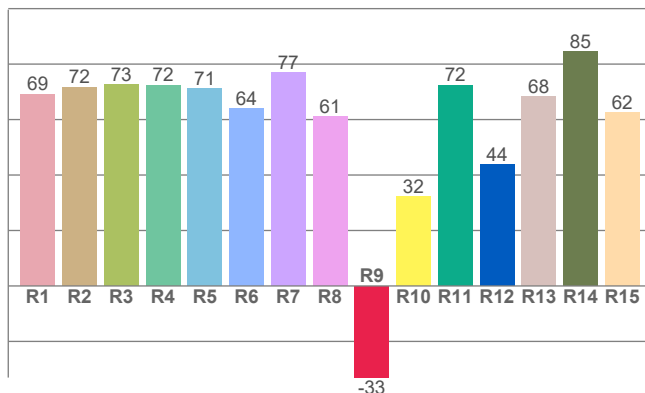
CIE 1931



CIE 1931 - Zoom



CRI: 69.9 (R1-R8)

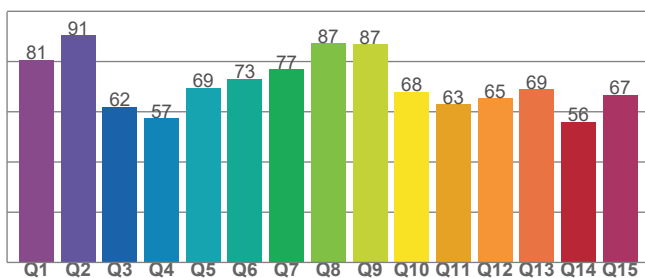


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7199 K	0.303	0.319

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.319	0.195

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.9	-33.0	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.5	94.8

# Photometric & Chromaticity Report

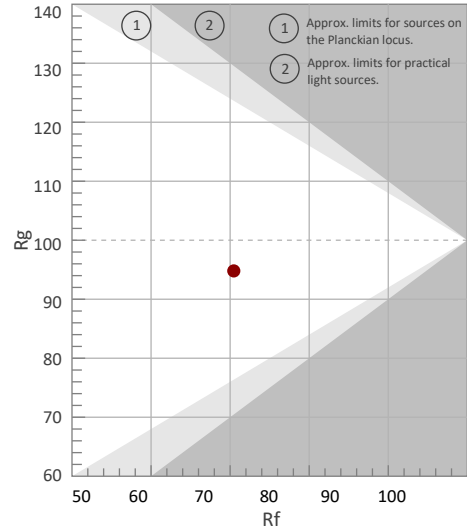
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV25

## TM-30 Details

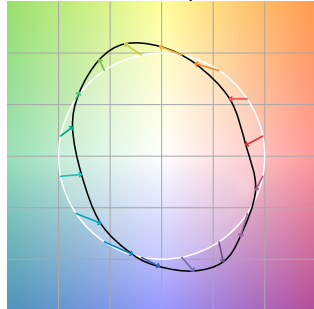
**Rf 70.5**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	70	-14%	10%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	82	11%	-2%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	18%	-7%
15	70	7%	-22%
16	75	-4%	-14%



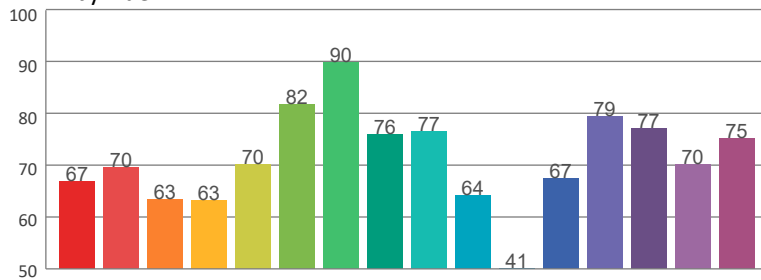
Color Vector Graphic



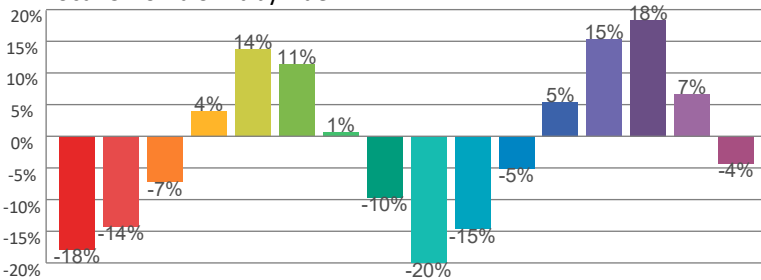
Color Distortion Graphic



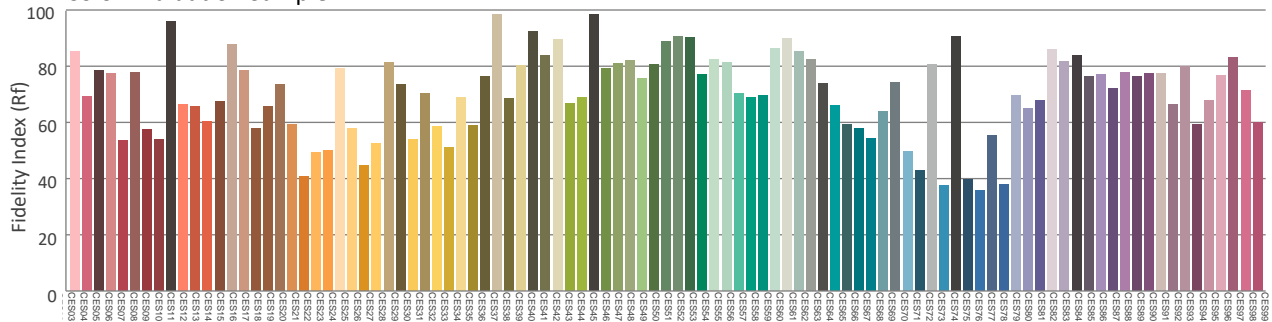
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV35

## Report Summary

### Measurements

Fixture Output: 16424 lm  
Fixture Peak: 233853 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 9354 lux  
Color Temperature: 7174 K  
CRI: 69.7    CRI R9 Value: -33.8  
CQS: 69.6  
TLCI: 47  
TM-30 Rf: 70.3  
TM-30 Rg: 94.8  
Beam Angle (50%): 15°  
Field Angle (10%): 22.5°  
Cutoff Angle (3%): 26°

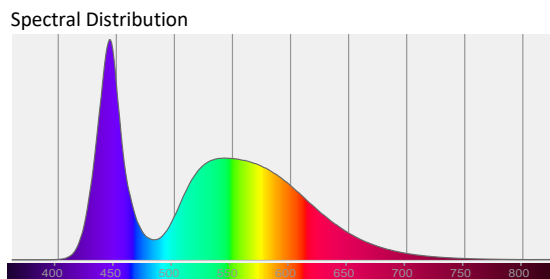
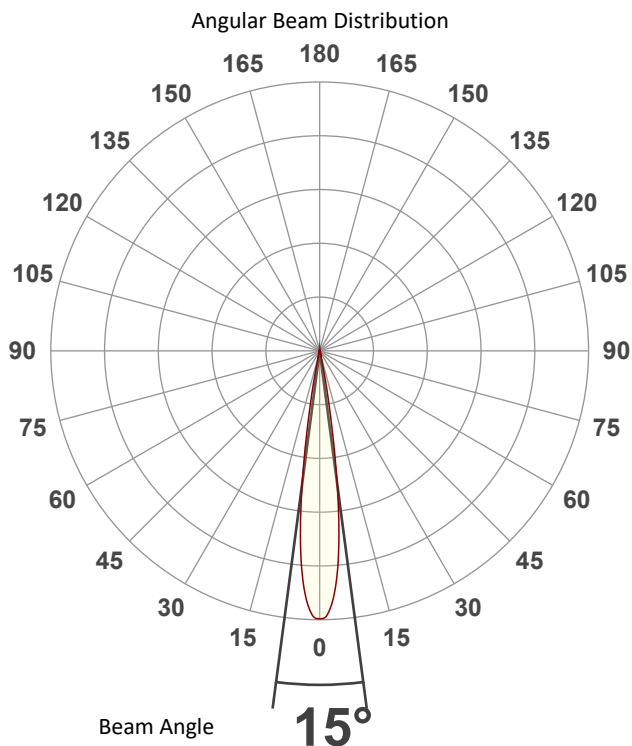


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

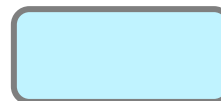
## Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.320



Light Quality

CRI: 69.7

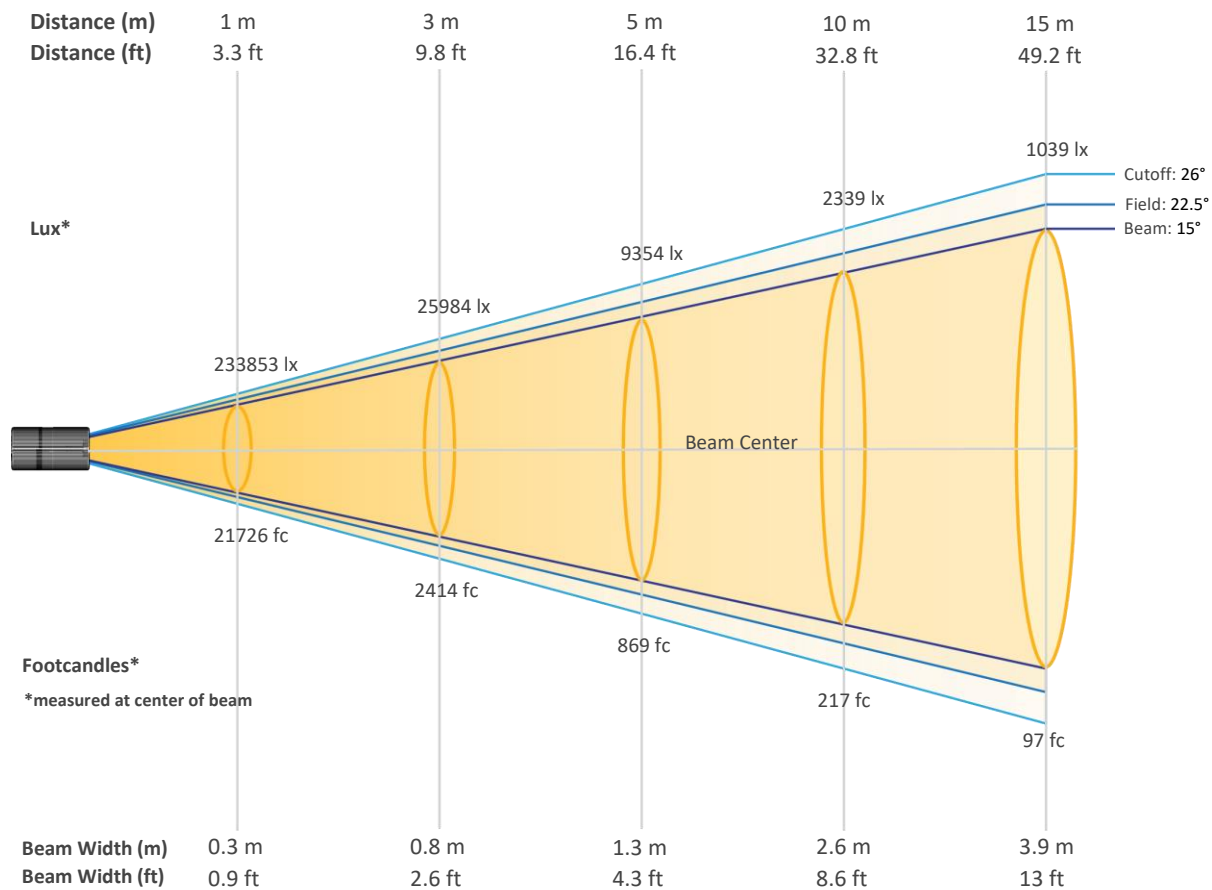
Color Temperature

7174 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV35

## Beam Details



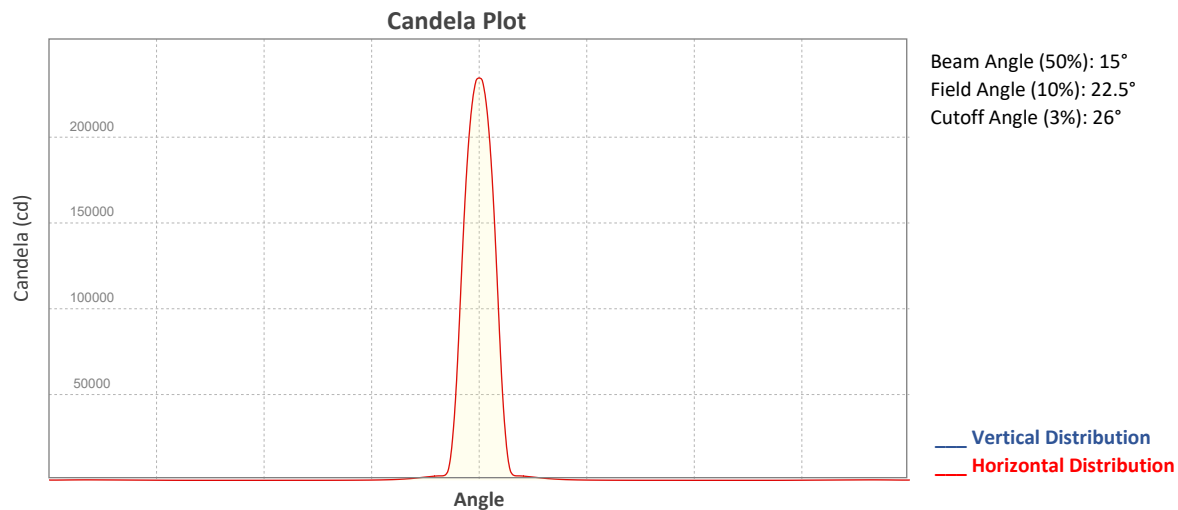
### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	233853	58463	25984	14616	9354	6496	4773	3654	2887	2339
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1933	1624	1384	1193	1039	913	809	722	648	585
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21726	5431	2414	1358	869	603	443	339	268	217
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	180	151	129	111	97	85	75	67	60	54



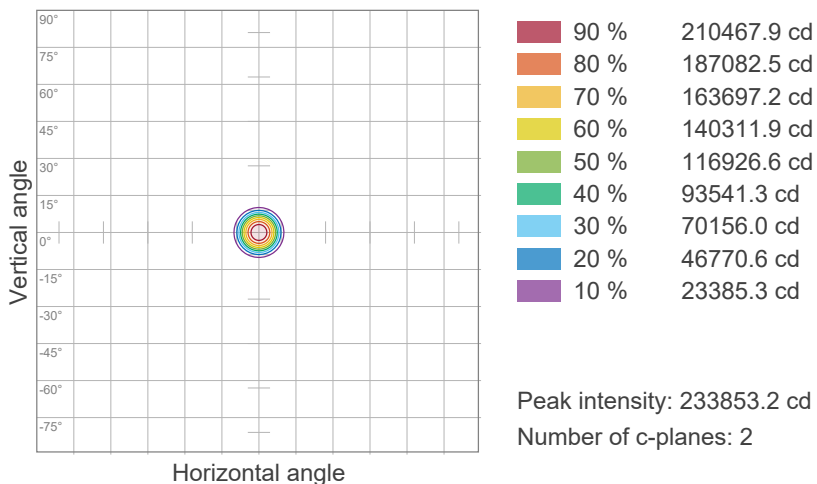
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV35

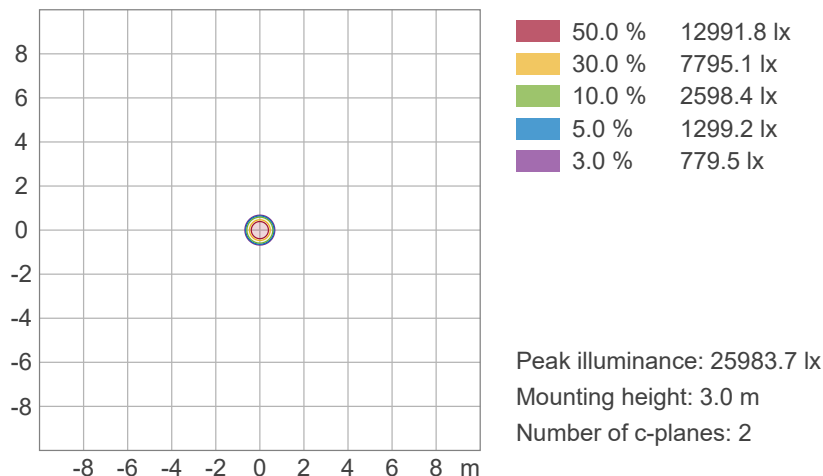


## ISO Diagrams

### ISO Candela Diagram



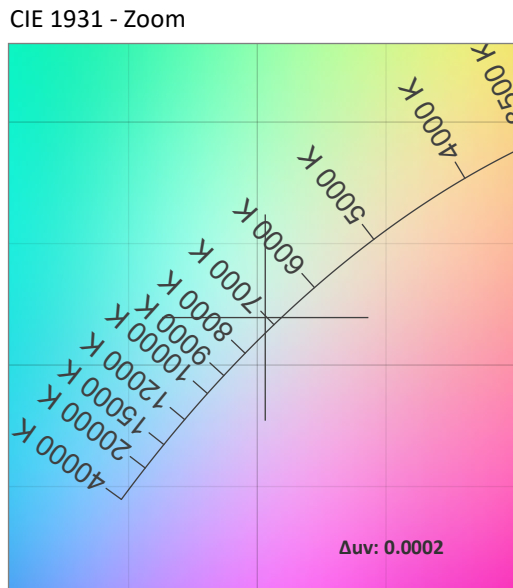
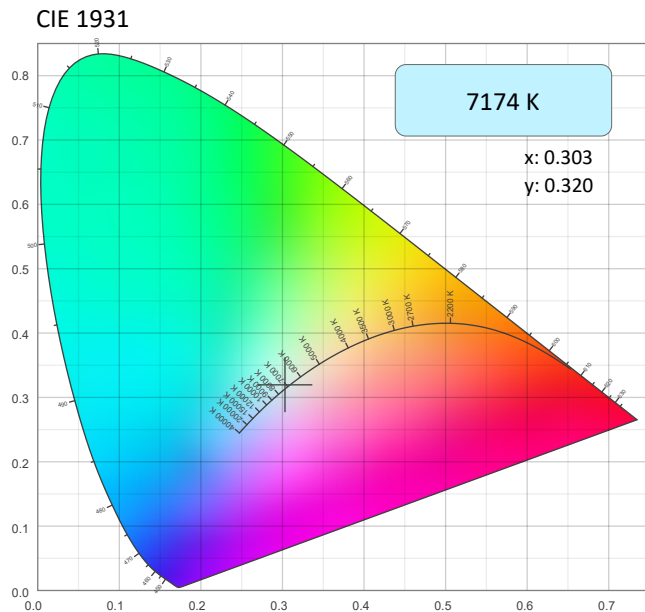
### ISO Lux Diagram



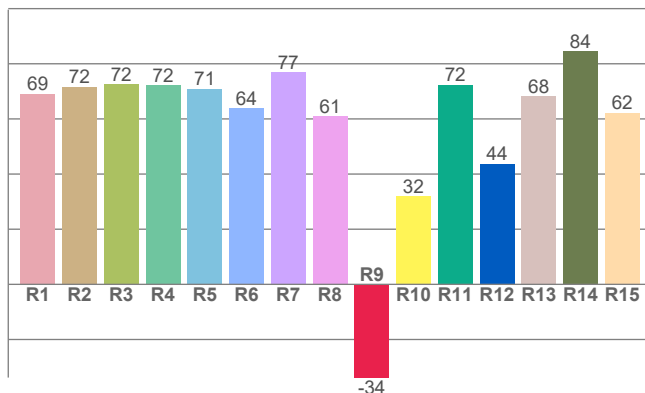
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV35

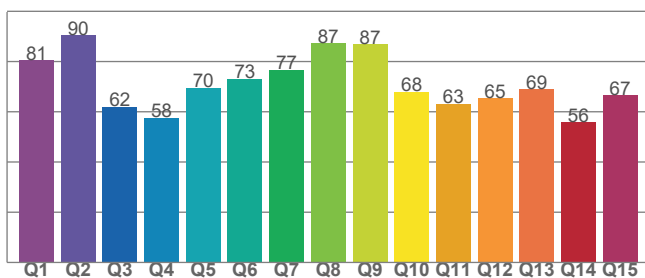
## Chromaticity



CRI: 69.7 (R1-R8)



CQS: 69.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7174 K	0.303	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.320	0.195

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	-33.8	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
47	70.3	94.8

# Photometric & Chromaticity Report

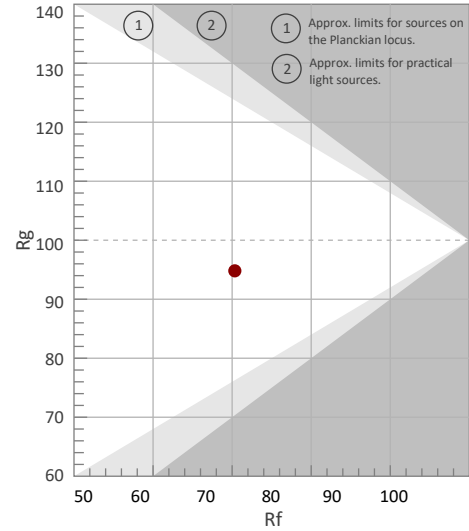
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - TV35

## TM-30 Details

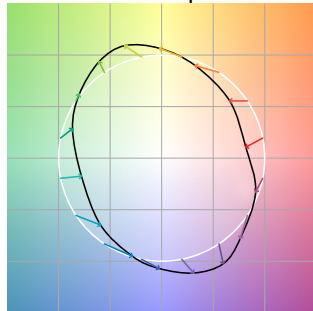
**Rf 70.3**  
Fidelity Index (Rg)

**Rg 94.8**  
Gammut Index (Rg)

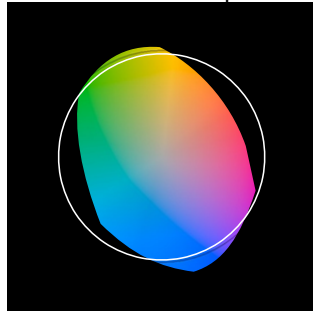
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	67	-18%	-5%
2	69	-14%	9%
3	63	-7%	23%
4	63	4%	23%
5	70	14%	14%
6	81	12%	-2%
7	90	1%	-7%
8	76	-10%	-11%
9	77	-20%	2%
10	64	-15%	21%
11	41	-5%	29%
12	67	5%	19%
13	79	15%	9%
14	77	18%	-7%
15	70	7%	-22%
16	75	-4%	-14%



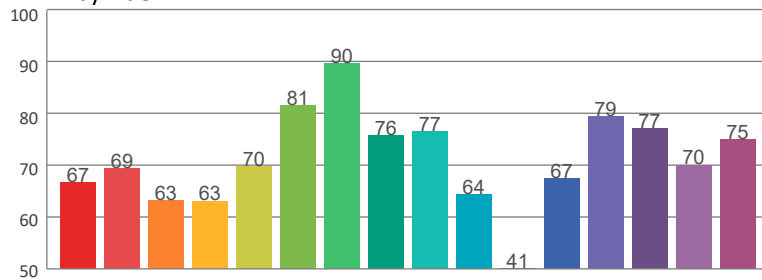
Color Vector Graphic



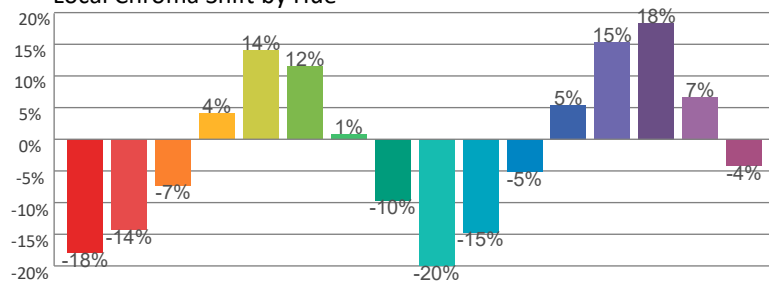
Color Distortion Graphic



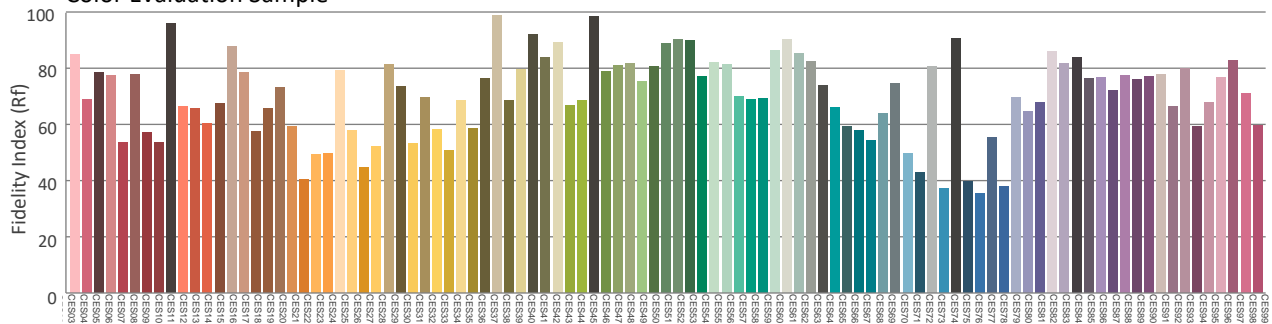
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power -Cyan Filter

## Report Summary

### Measurements

Fixture Output: 5815 lm  
Fixture Peak: 74649 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 2986 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCI: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 16.1°  
Field Angle (10%): 23.1°  
Cutoff Angle (3%): 26.5°

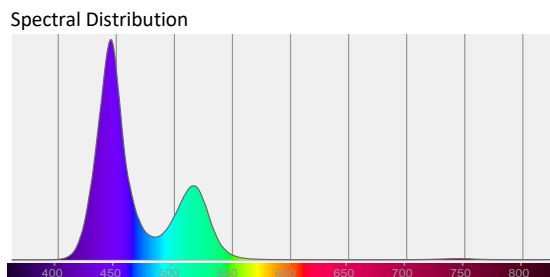
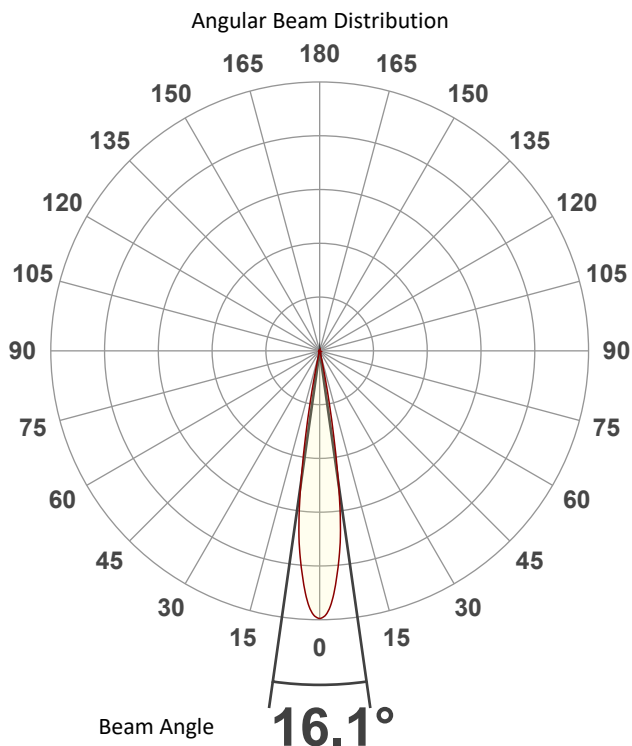


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

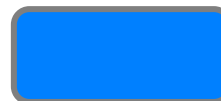
## Overall Measurement



Tested Color (CIE 1931):

X: 0.147

Y: 0.128



Light Quality

CRI: 0.0

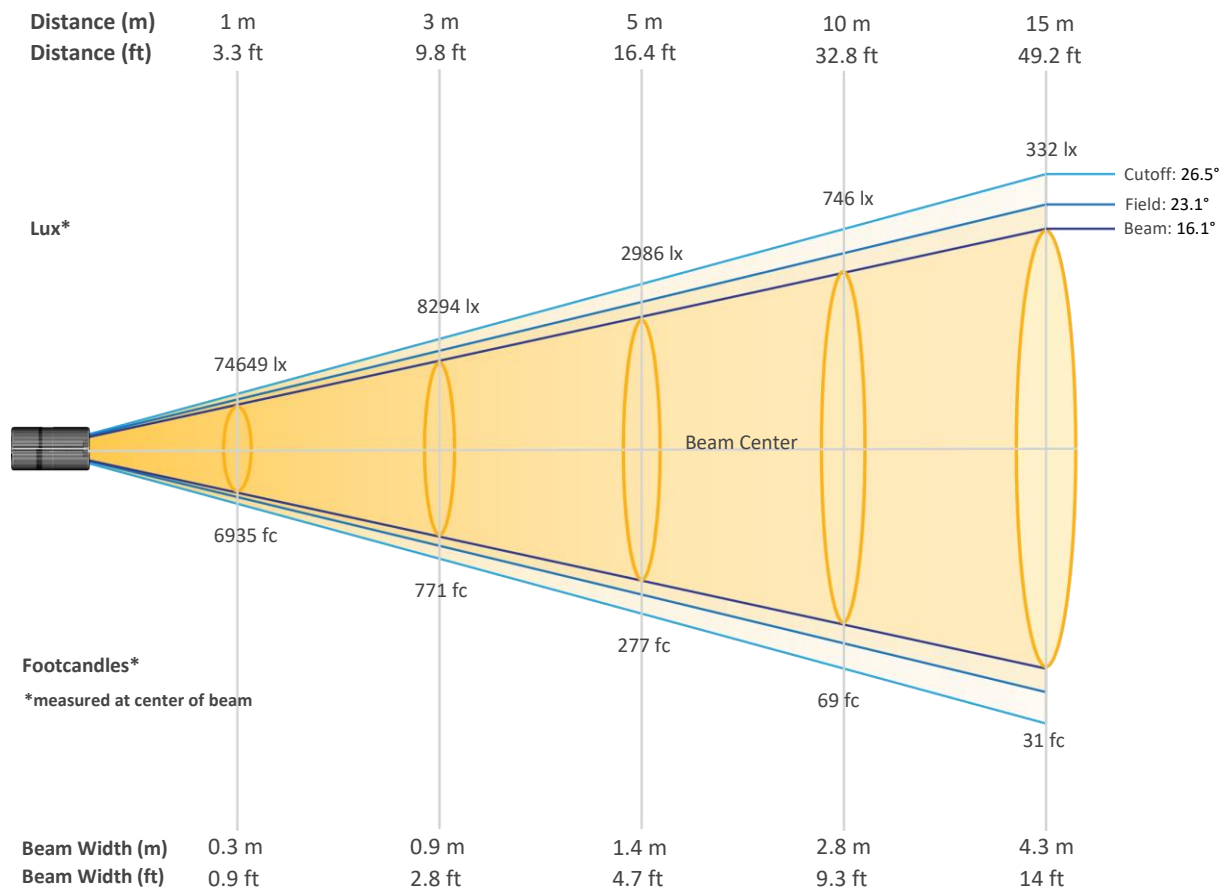
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Cyan Filter

## Beam Details

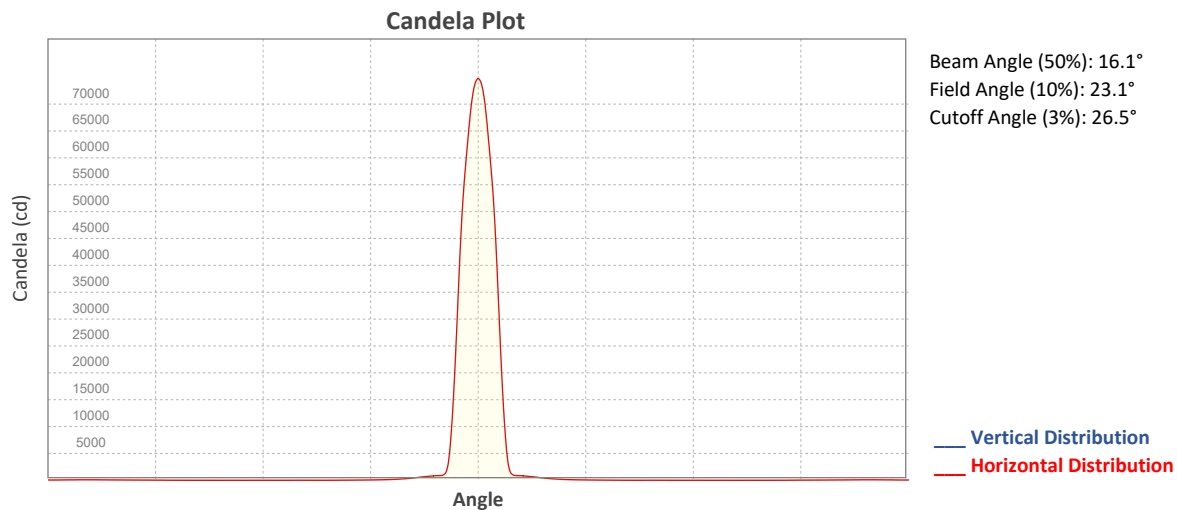


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	74649	18662	8294	4666	2986	2074	1523	1166	922	746
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	617	518	442	381	332	292	258	230	207	187
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6935	1734	771	433	277	193	142	108	86	69
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	57	48	41	35	31	27	24	21	19	17

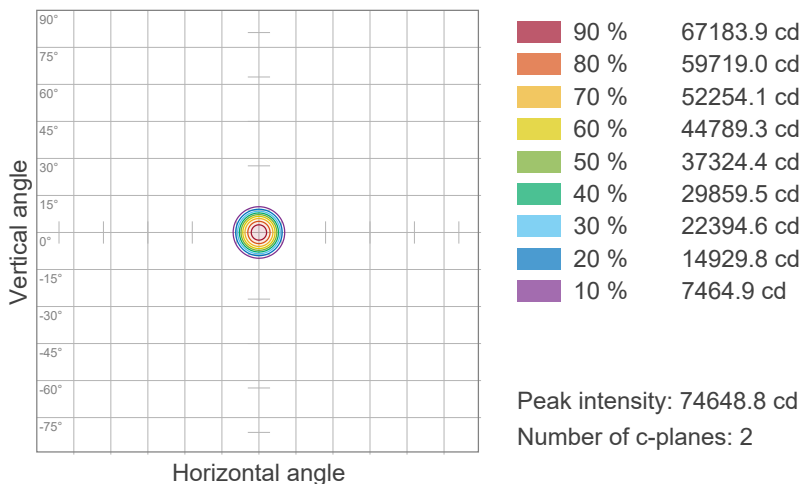
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Cyan Filter

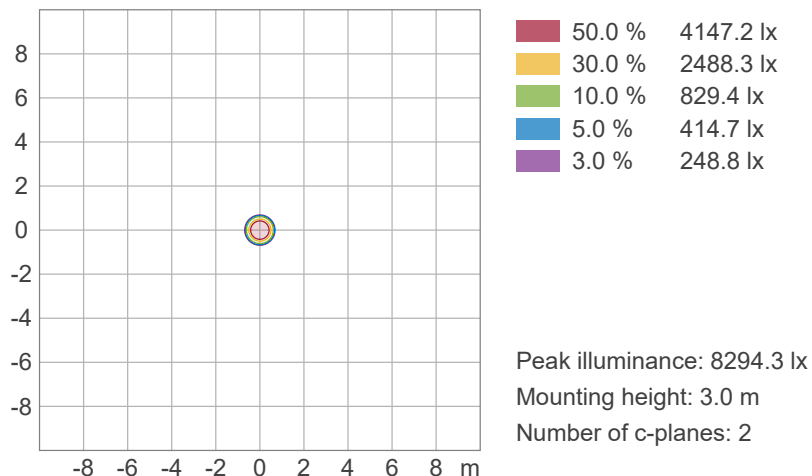


## ISO Diagrams

ISO Candela Diagram



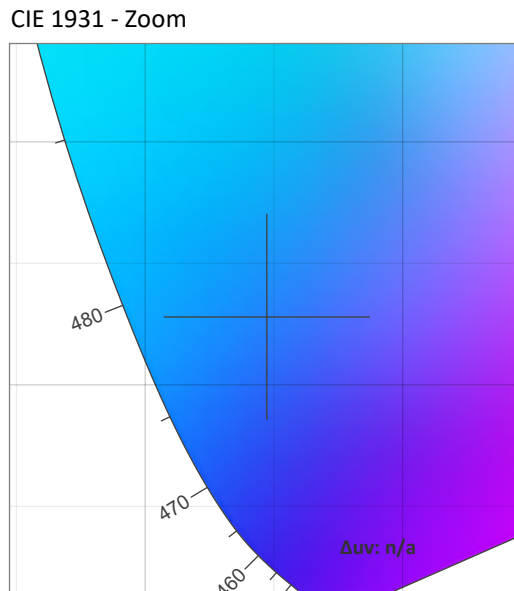
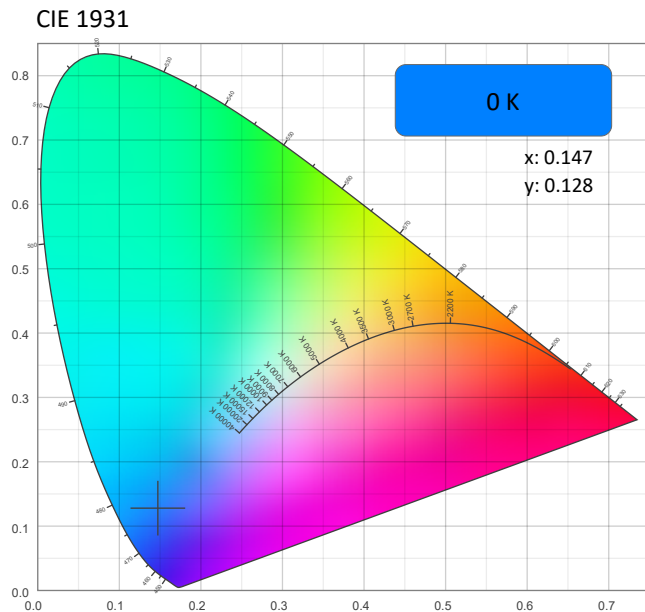
ISO Lux Diagram



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Cyan Filter

## Chromaticity



### CRI: 0.0 (R1-R8)

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

### CQS: 0.0

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

### Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.147	0.128

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.128	0.139

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

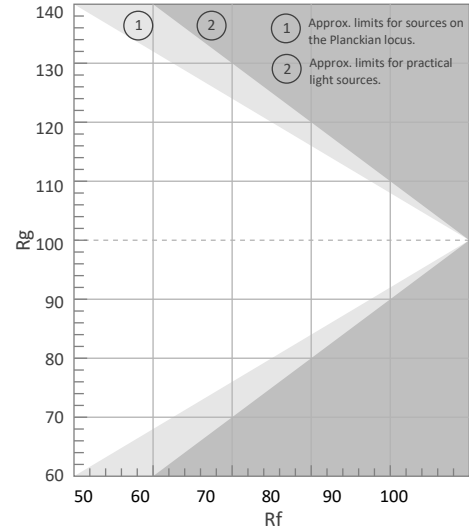
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Cyan Filter

## TM-30 Details

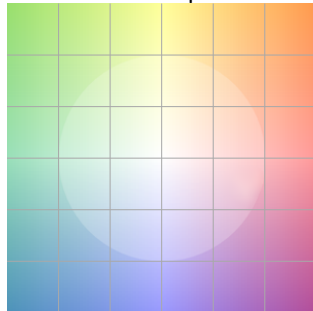
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

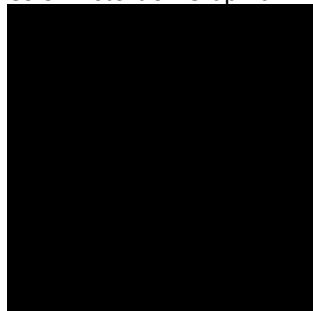
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



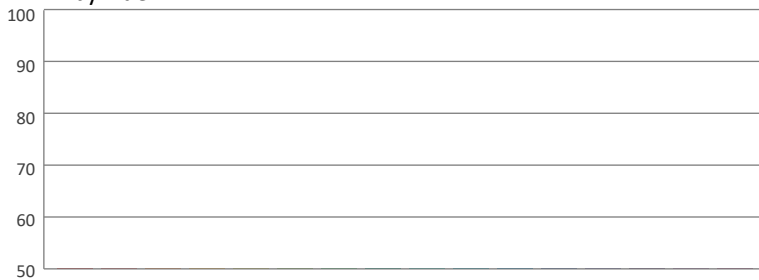
Color Vector Graphic



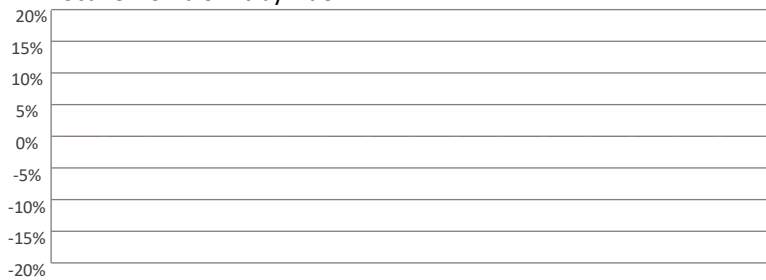
Color Distortion Graphic



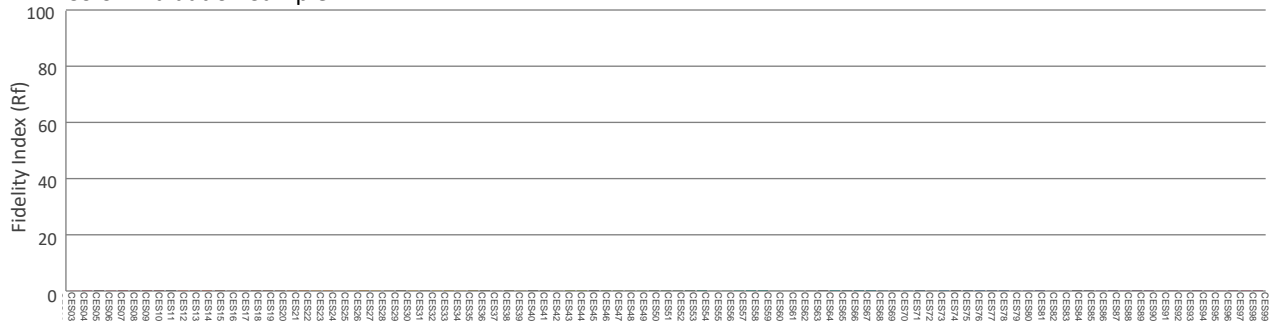
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample





# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Magenta Filter

## Report Summary

### Measurements

Fixture Output: 1597 lm  
Fixture Peak: 20693 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 828 lux  
Color Temperature: 0 K  
CRI: 0.0      CRI R9 Value: 0.0  
CQS: 0.0  
TLCI: n/a  
TM-30 Rf: 0.0  
TM-30 Rg: 0.0  
Beam Angle (50%): 15.3°  
Field Angle (10%): 22.7°  
Cutoff Angle (3%): 26.5°

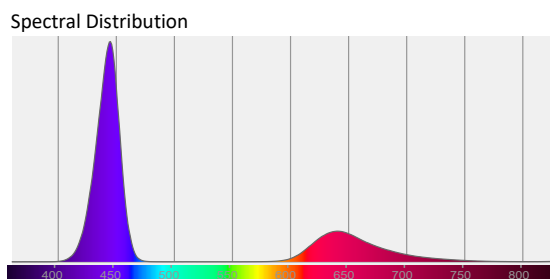
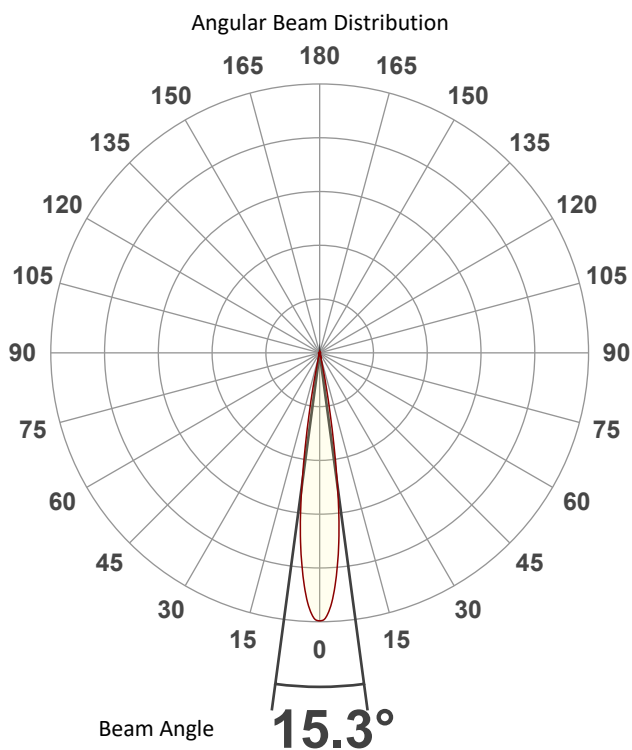


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

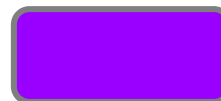
## Overall Measurement



Tested Color (CIE 1931):

X: 0.211

Y: 0.042



Light Quality

CRI: 0.0

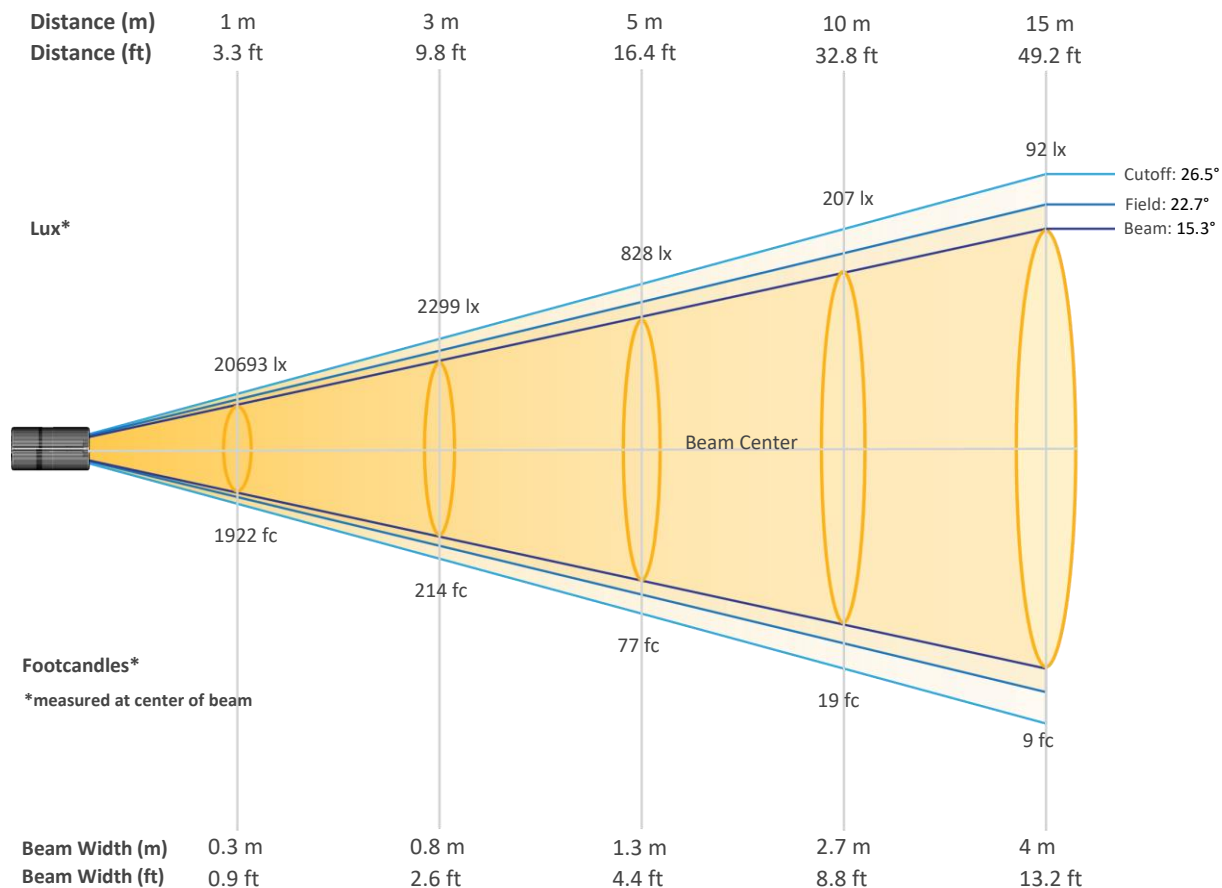
Color Temperature

0 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Magenta Filter

## Beam Details

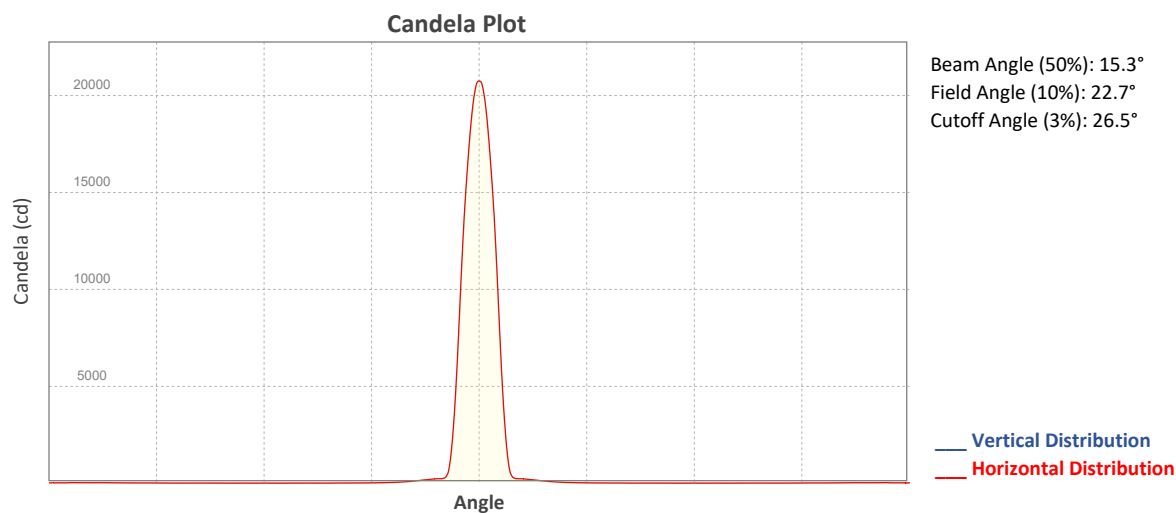


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20693	5173	2299	1293	828	575	422	323	255	207
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	171	144	122	106	92	81	72	64	57	52
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1922	481	214	120	77	53	39	30	24	19
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	16	13	11	10	9	8	7	6	5	5

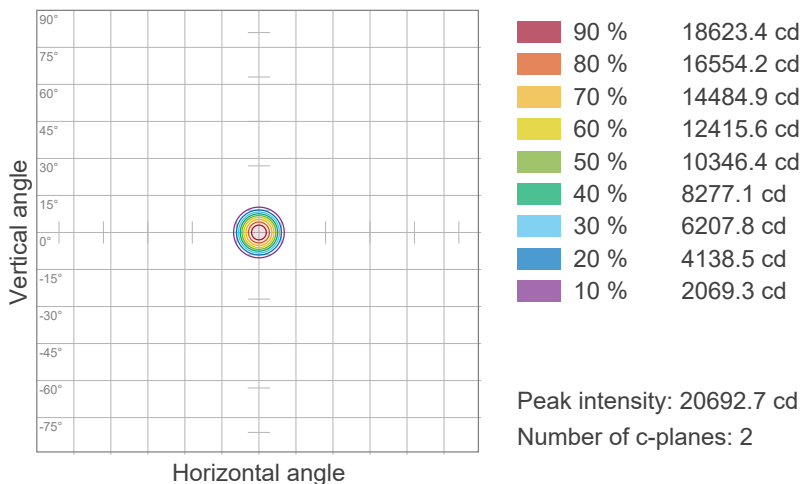
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Magenta Filter

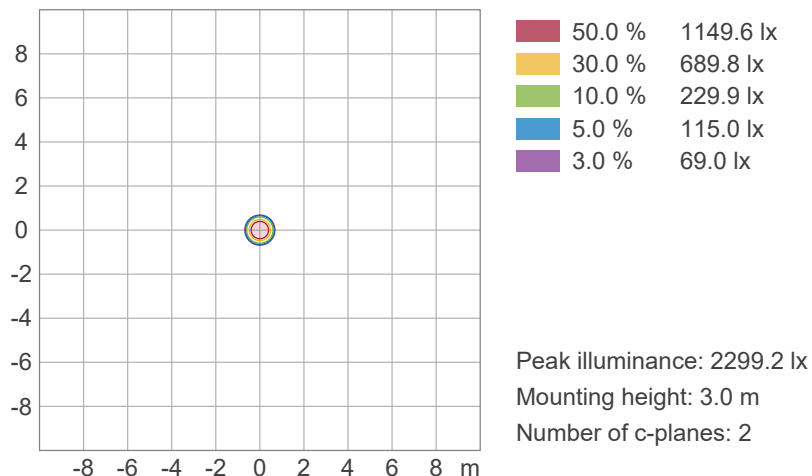


## ISO Diagrams

### ISO Candela Diagram



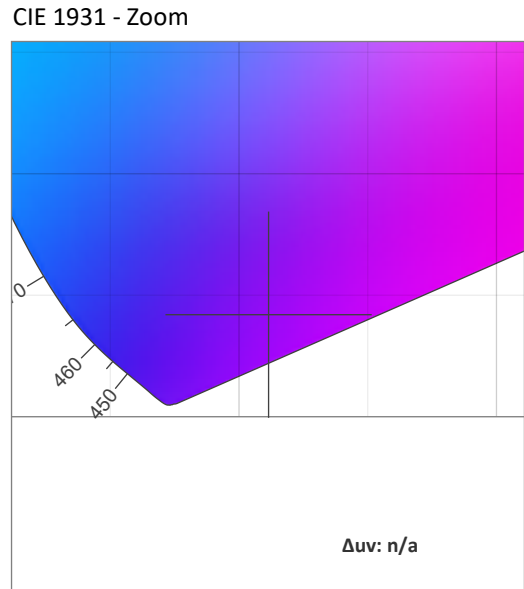
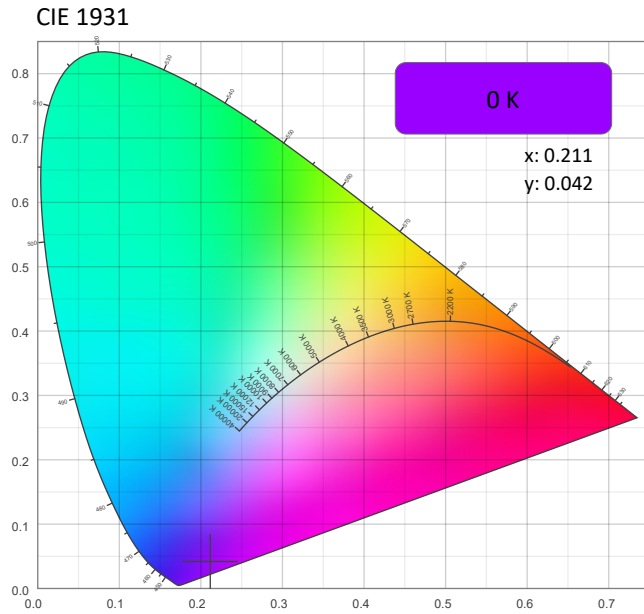
### ISO Lux Diagram



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Magenta Filter

## 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	0.211	0.042

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
n/a	0.042	0.275

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

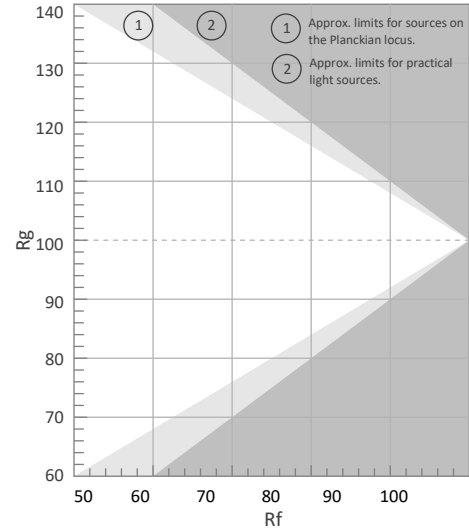
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Magenta Filter

## TM-30 Details

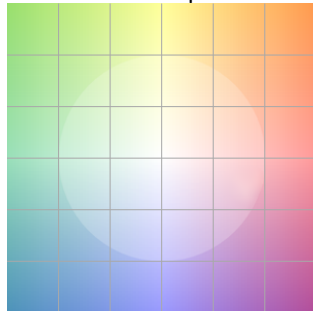
**Rf 0.0**  
Fidelity Index (Rg)

**Rg 0.0**  
Gammut Index (Rg)

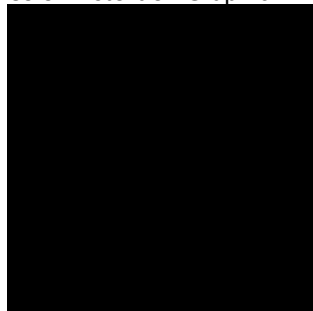
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



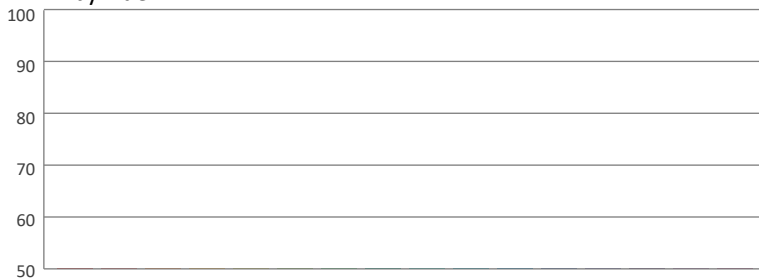
Color Vector Graphic



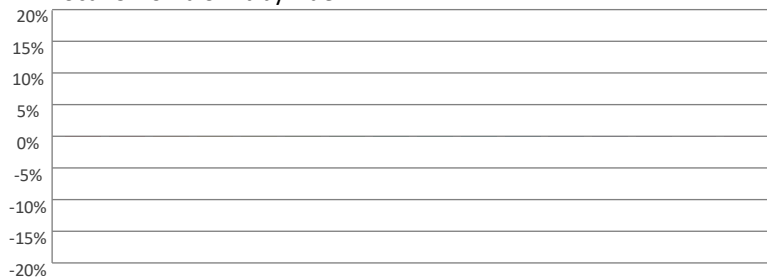
Color Distortion Graphic



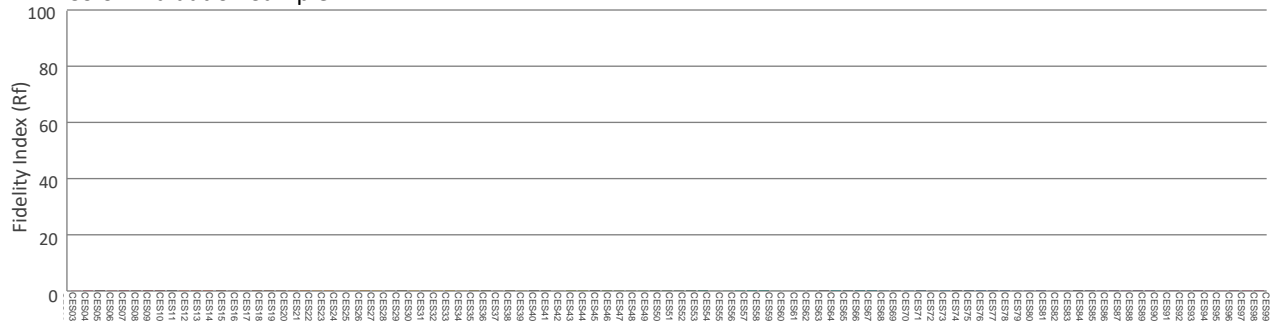
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Yellow Filter

## Report Summary

### Measurements

Fixture Output: 24289 lm  
Fixture Peak: 329654 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 13186 lux  
Color Temperature: 3415 K  
CRI: 27.7      CRI R9 Value: -115.7  
CQS: 0.3  
TLCI: 2  
TM-30 Rf: 15.2  
TM-30 Rg: 11.7  
Beam Angle (50%): 15.1°  
Field Angle (10%): 23.9°  
Cutoff Angle (3%): 27.6°

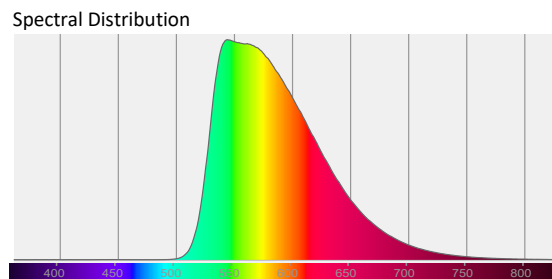
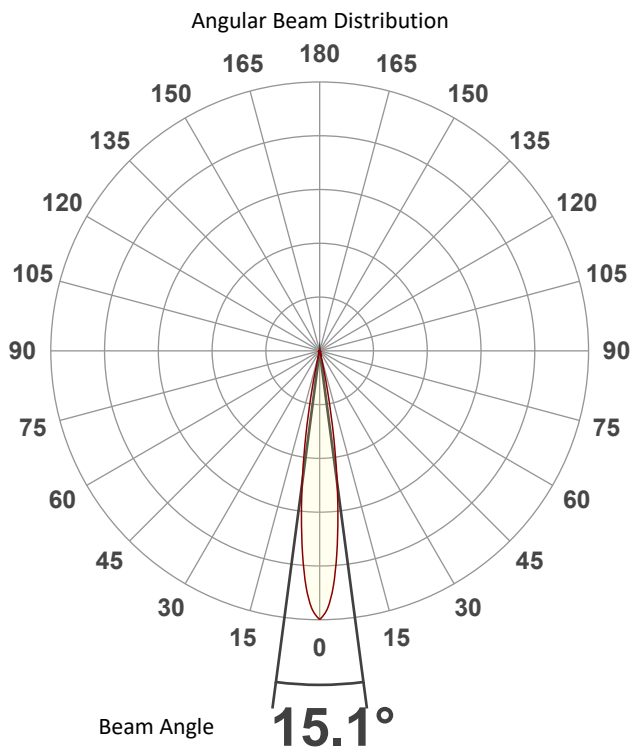


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.464  
Y: 0.529

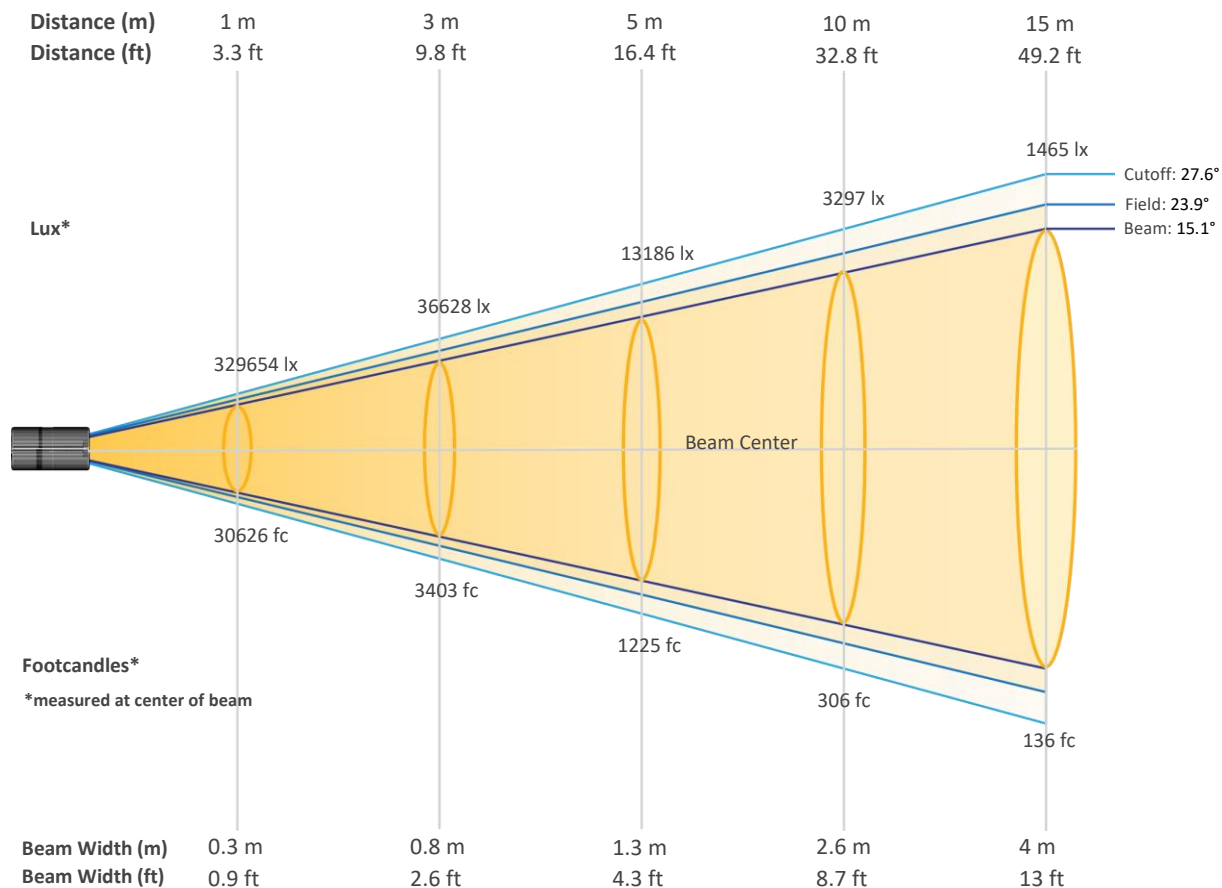
Light Quality  
CRI: 27.7

Color Temperature  
3415 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Yellow Filter

## Beam Details

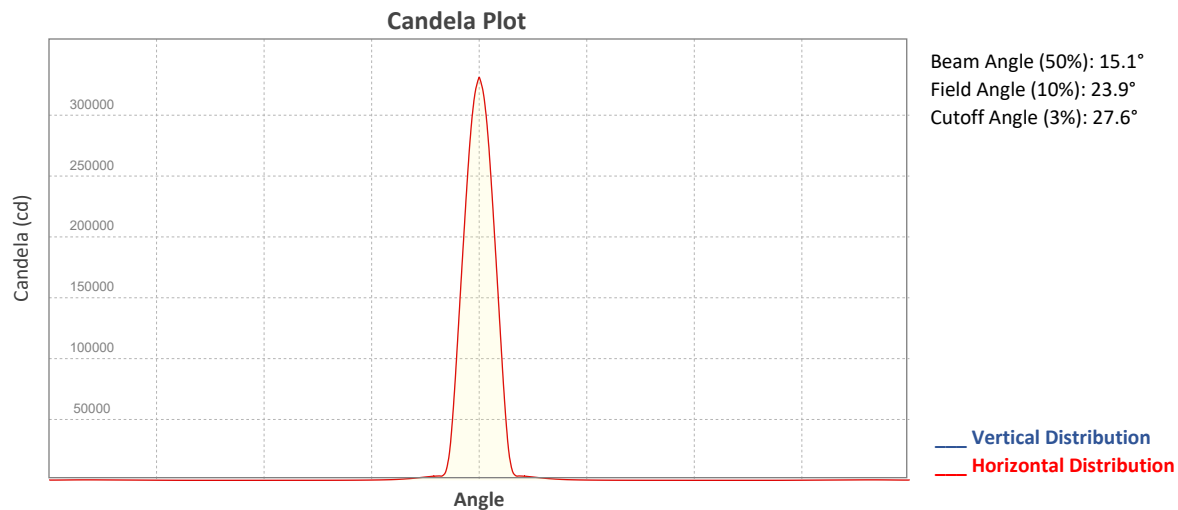


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	329654	82413	36628	20603	13186	9157	6728	5151	4070	3297
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2724	2289	1951	1682	1465	1288	1141	1017	913	824
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	30626	7656	3403	1914	1225	851	625	479	378	306
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	253	213	181	156	136	120	106	95	85	77

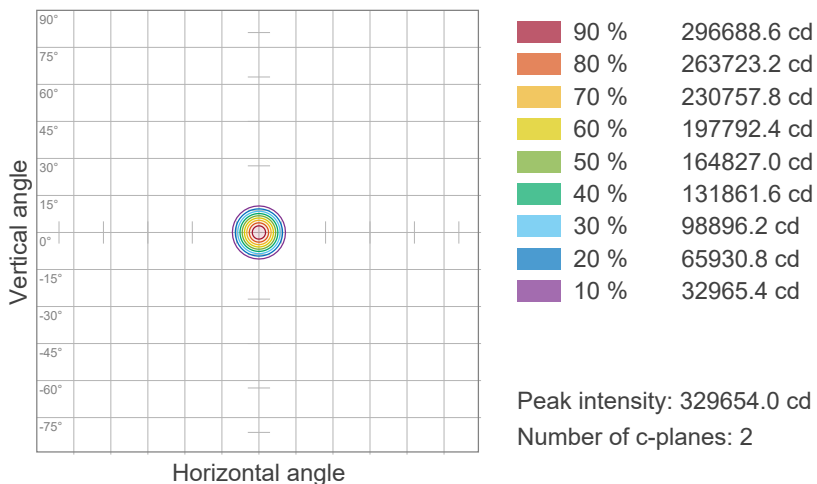
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Yellow Filter

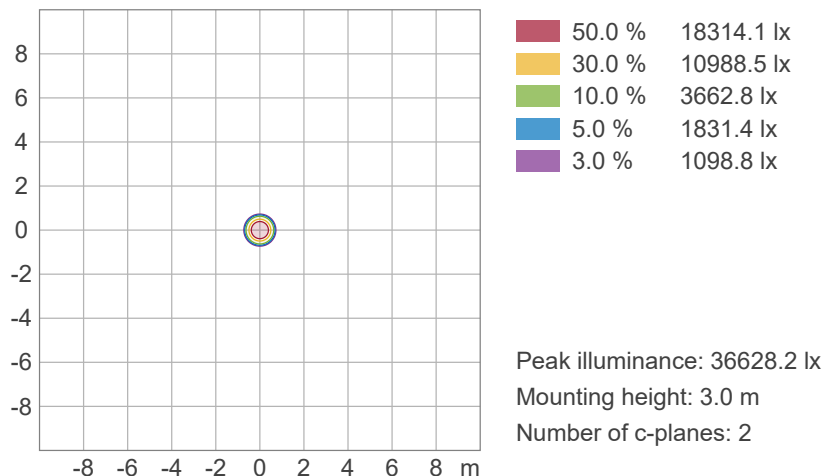


## ISO Diagrams

### ISO Candela Diagram



### ISO Lux Diagram

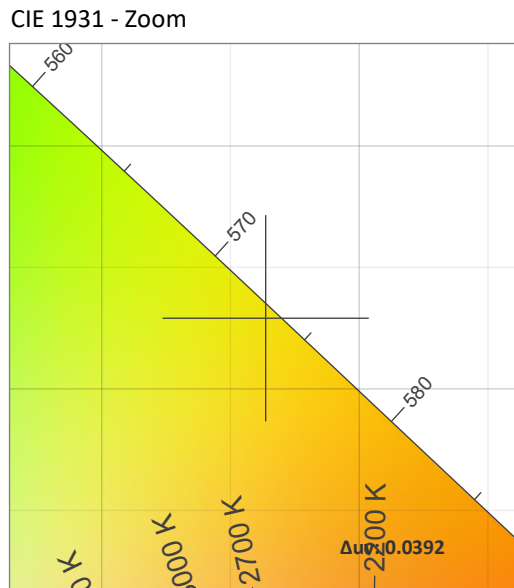
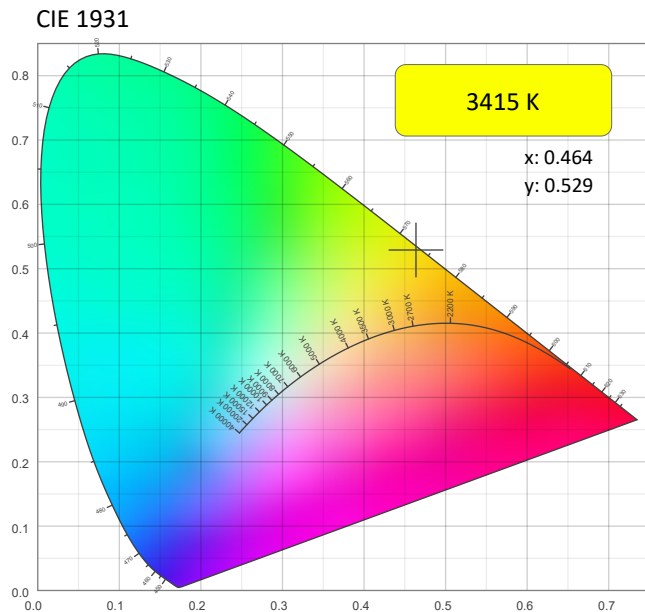




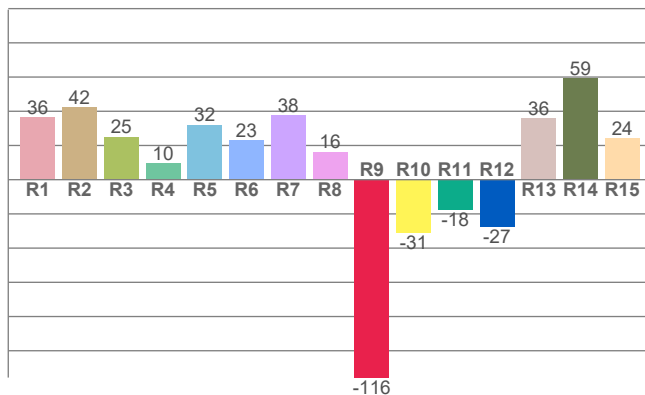
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Yellow Filter

## Chromaticity



CRI: 27.7 (R1-R8)

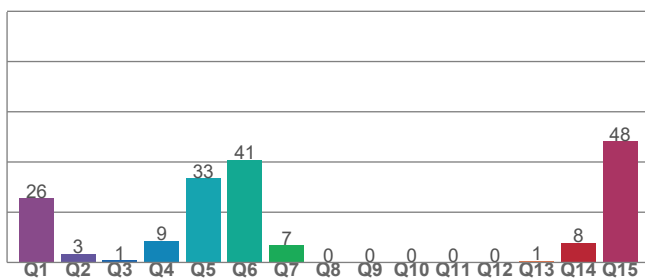


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3415 K	0.464	0.529

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0392	0.529	0.220

CQS: 0.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
27.7	-115.7	0.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
2	15.2	11.7

# Photometric & Chromaticity Report

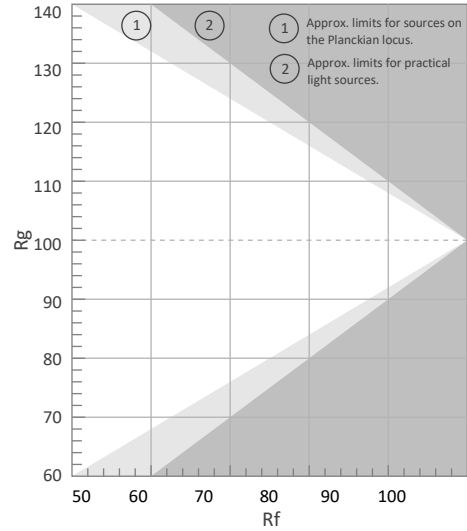
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - Yellow Filter

## TM-30 Details

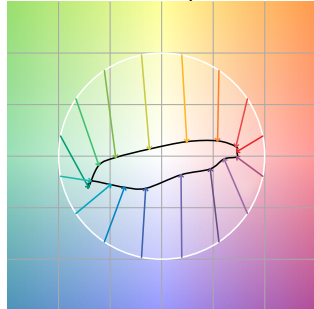
**Rf 15.2**  
Fidelity Index (Rg)

**Rg 11.7**  
Gammut Index (Rg)

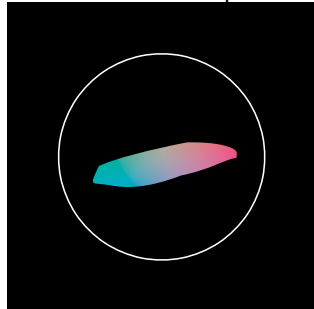
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	49	-28%	-10%
2	20	-35%	-32%
3	1	-58%	-37%
4	0	-81%	-21%
5	5	-91%	10%
6	1	-76%	38%
7	7	-54%	41%
8	13	-36%	44%
9	58	-28%	10%
10	35	-44%	-4%
11	12	-55%	-13%
12	12	-66%	-9%
13	6	-79%	15%
14	18	-64%	32%
15	19	-48%	31%
16	50	-29%	13%



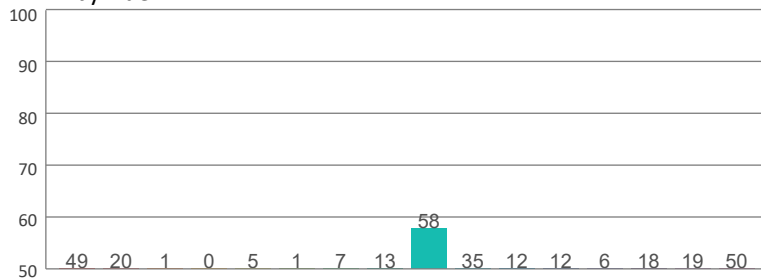
Color Vector Graphic



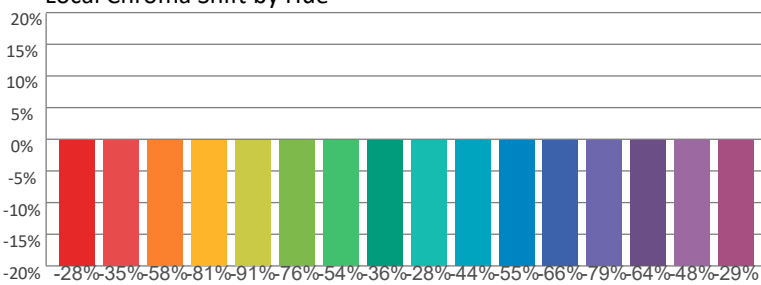
Color Distortion Graphic



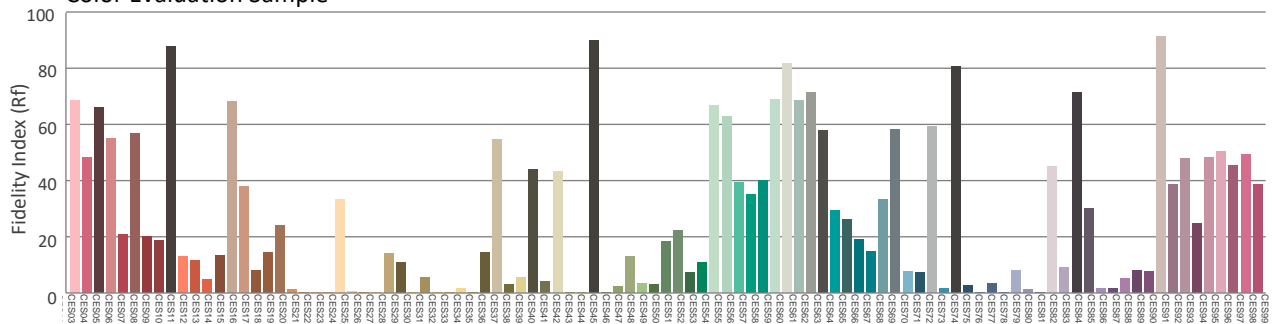
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CRI Filter

## Report Summary

### Measurements

Fixture Output: 22187 lm  
Fixture Peak: 316822 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 12673 lux  
Color Temperature: 6324 K  
CRI: 87.7      CRI R9 Value: 26.7  
CQS: 85.8  
TLCI: 67  
TM-30 Rf: 85.0  
TM-30 Rg: 103.4  
Beam Angle (50%): 15.2°  
Field Angle (10%): 22.5°  
Cutoff Angle (3%): 26.2°

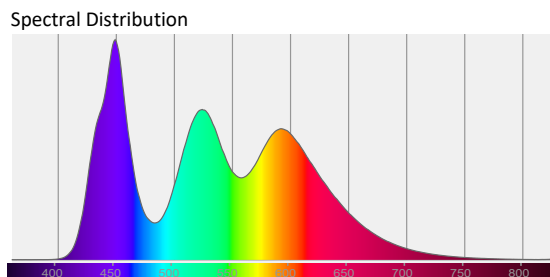
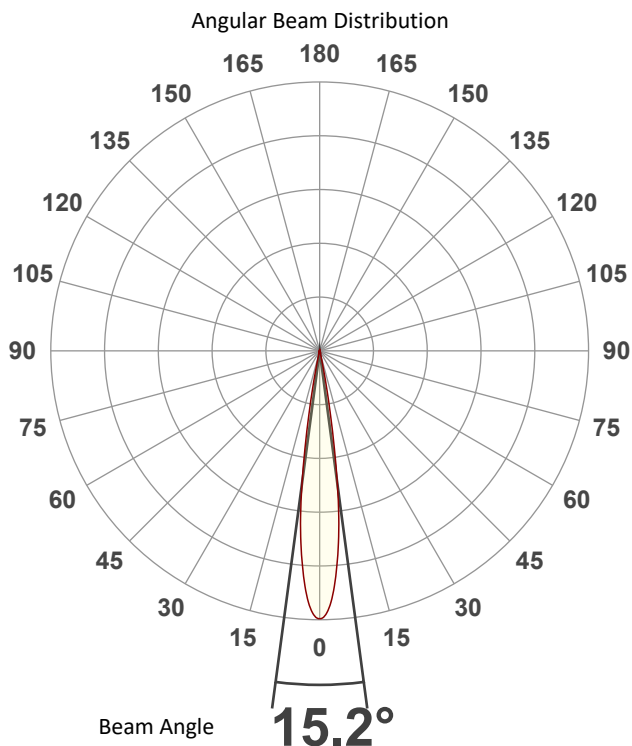


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

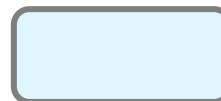
## Overall Measurement



Tested Color (CIE 1931):

X: 0.317

Y: 0.322



Light Quality

CRI: 87.7

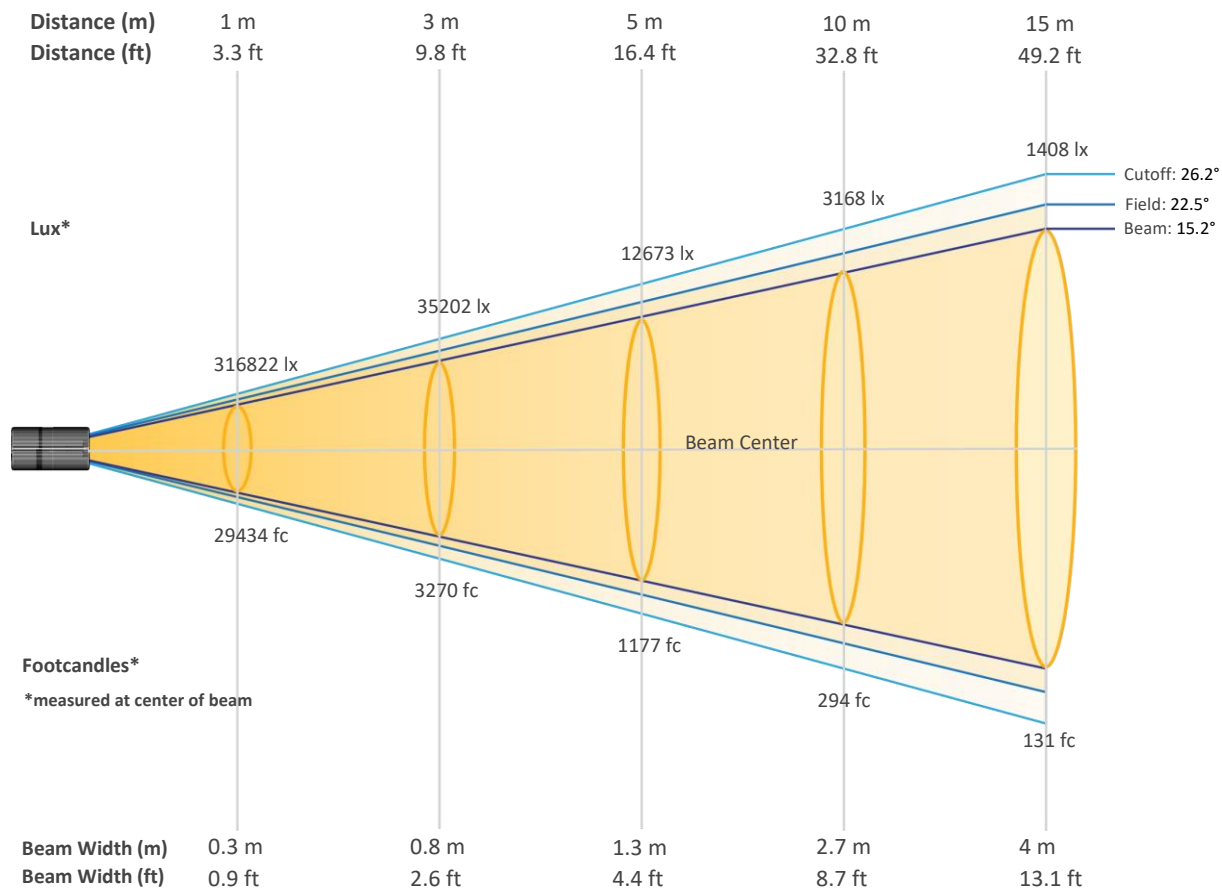
Color Temperature

6324 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CRI Filter

## Beam Details

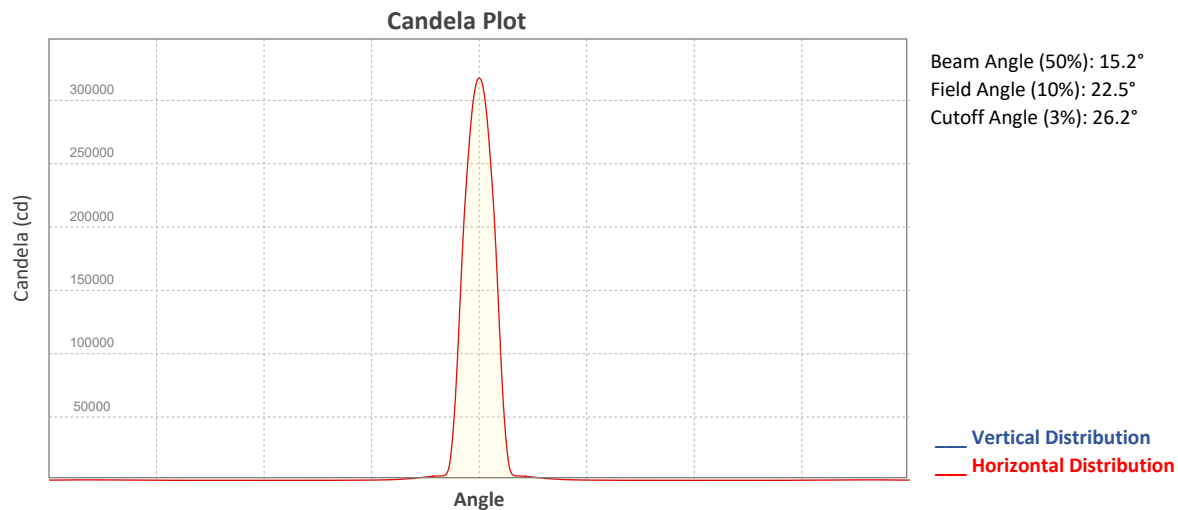


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	316822	79206	35202	19801	12673	8801	6466	4950	3911	3168
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2618	2200	1875	1616	1408	1238	1096	978	878	792
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	29434	7358	3270	1840	1177	818	601	460	363	294
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	243	204	174	150	131	115	102	91	82	74

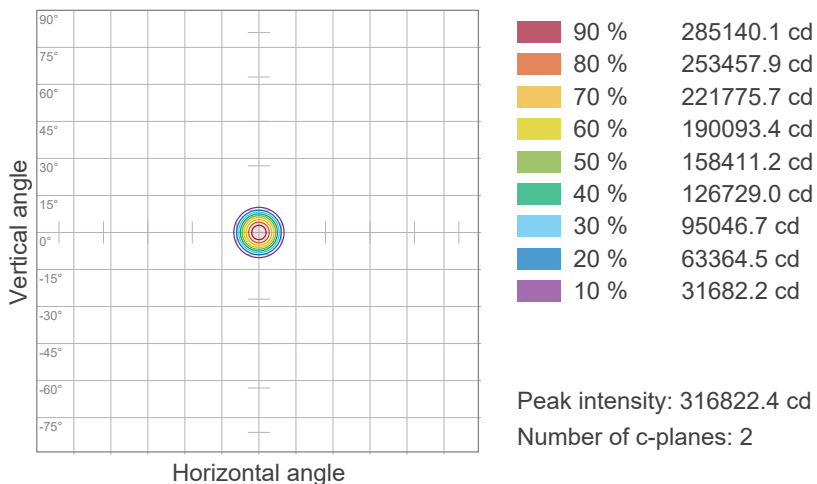
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CRI Filter

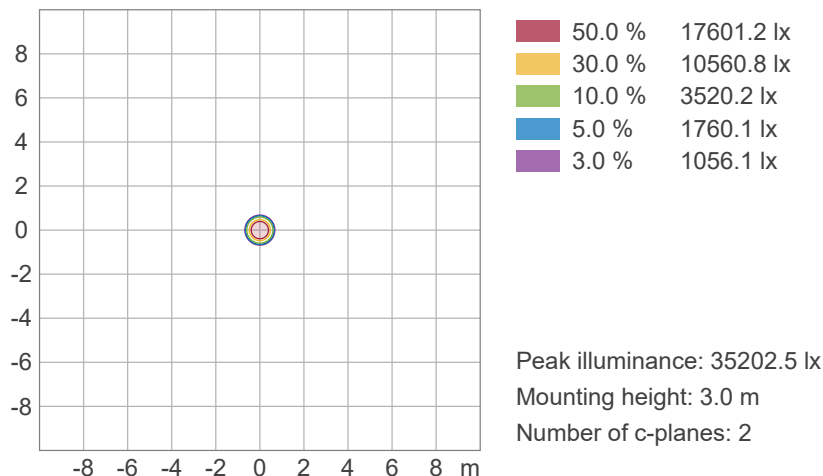


## ISO Diagrams

### ISO Candela Diagram



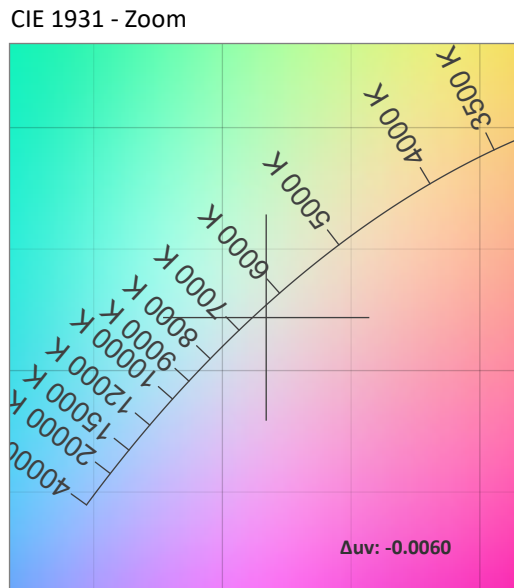
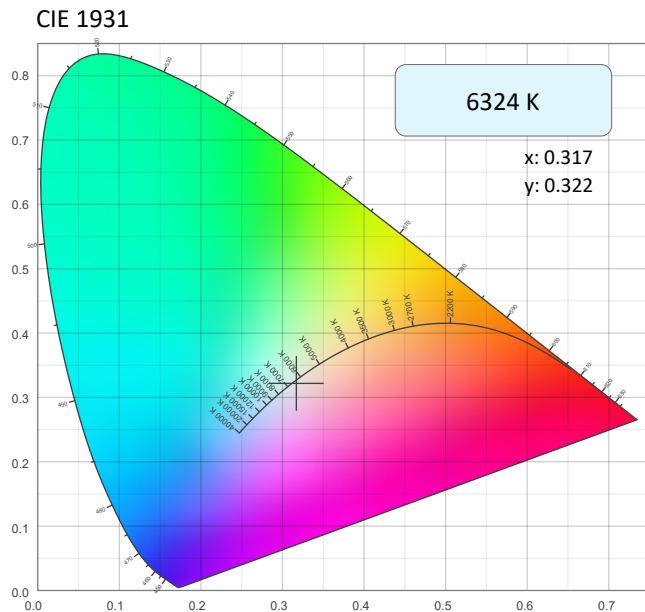
### ISO Lux Diagram



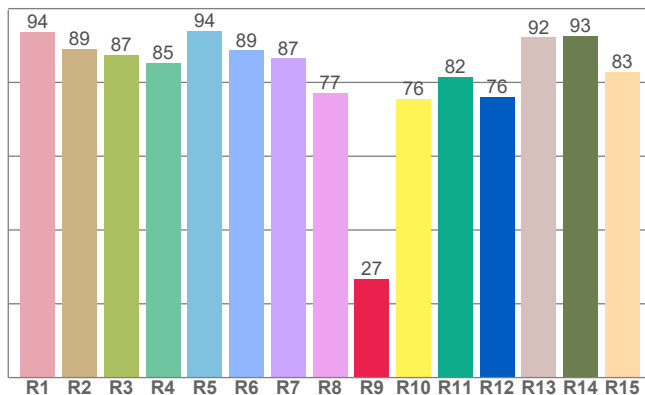
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CRI Filter

## Chromaticity



CRI: 87.7 (R1-R8)

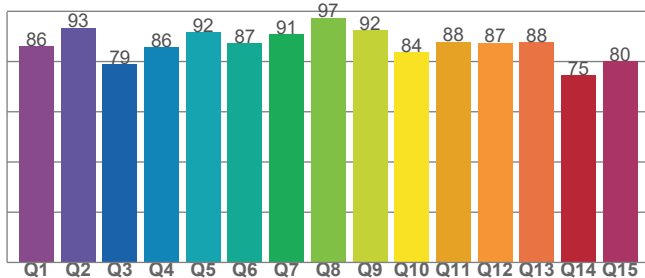


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6324 K	0.317	0.322

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0060	0.322	0.204

CQS: 85.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.7	26.7	85.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
67	85.0	103.4

# Photometric & Chromaticity Report

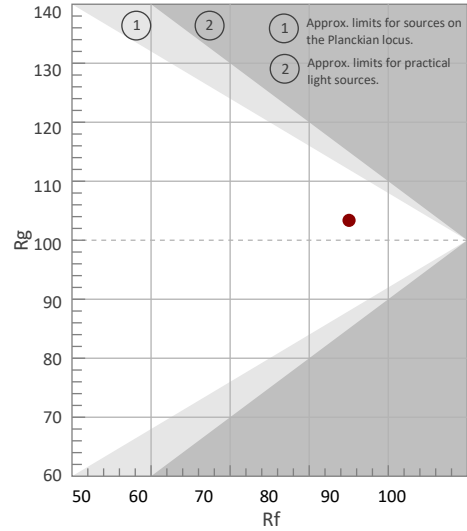
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CRI Filter

## TM-30 Details

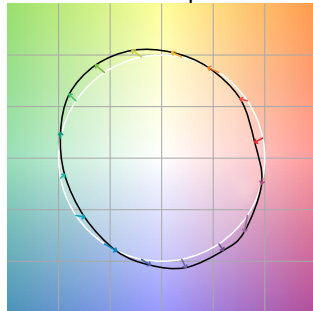
**Rf 85.0**  
Fidelity Index (Rg)

**Rg 103.4**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	84	-9%	-3%
2	89	-5%	5%
3	80	-2%	11%
4	83	3%	10%
5	83	8%	8%
6	84	11%	3%
7	87	9%	-2%
8	91	1%	-5%
9	93	-5%	-3%
10	85	-6%	6%
11	78	-1%	14%
12	85	4%	9%
13	88	9%	2%
14	87	8%	0%
15	82	6%	-15%
16	90	0%	-5%



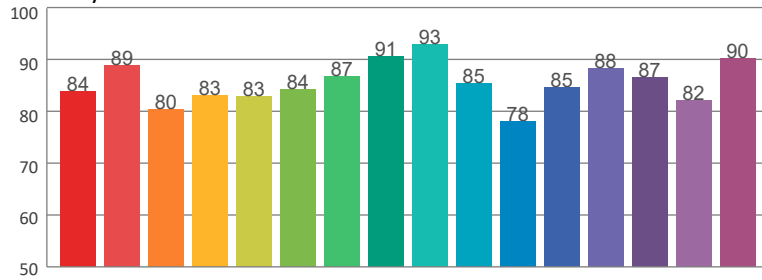
Color Vector Graphic



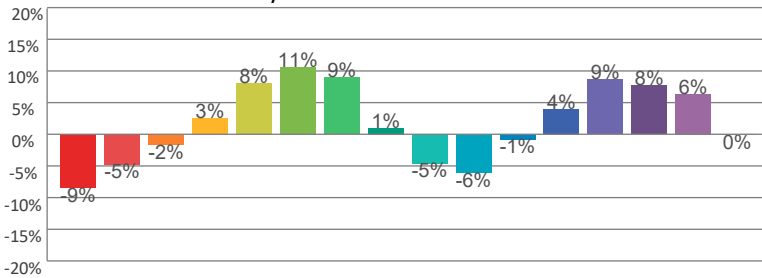
Color Distortion Graphic



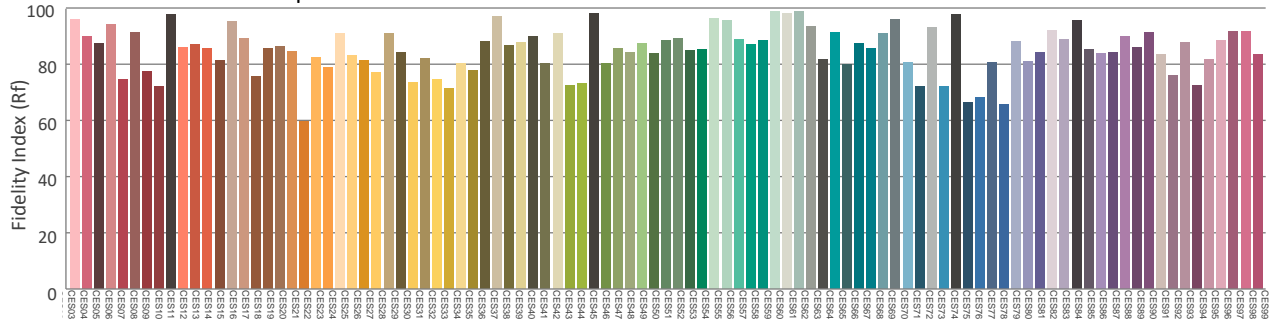
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CTO Filter

## Report Summary

### Measurements

Fixture Output: 14475 lm  
Fixture Peak: 199309 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 7972 lux  
Color Temperature: 2955 K  
CRI: 52.0    CRI R9 Value: -89.7  
CQS: 54.1  
TLCI: 21  
TM-30 Rf: 58.6  
TM-30 Rg: 83.7  
Beam Angle (50%): 15.4°  
Field Angle (10%): 22.8°  
Cutoff Angle (3%): 26.4°

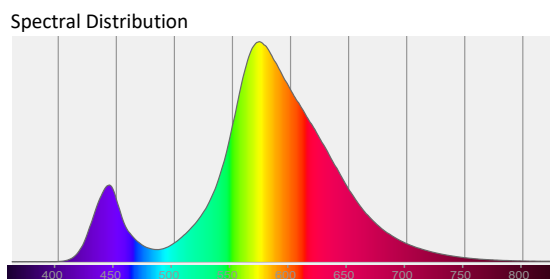
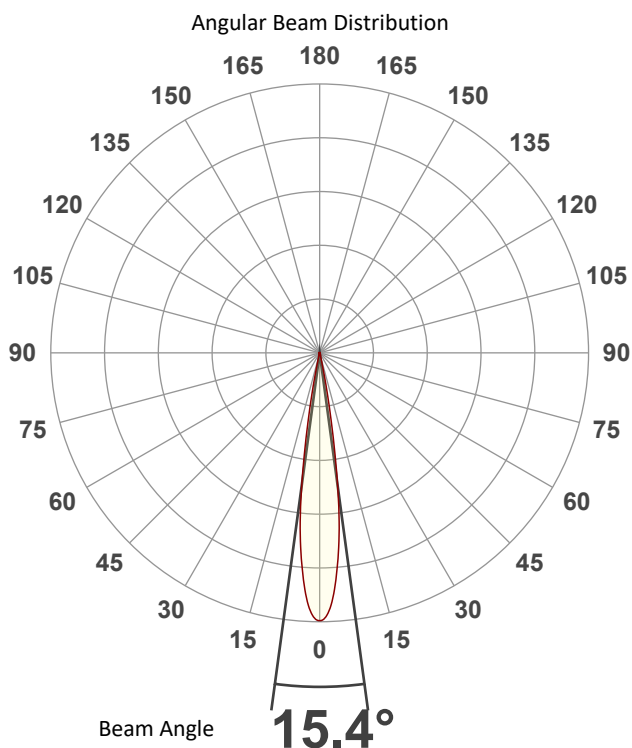


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):

X: 0.448

Y: 0.420



Light Quality

CRI: 52.0

Color Temperature

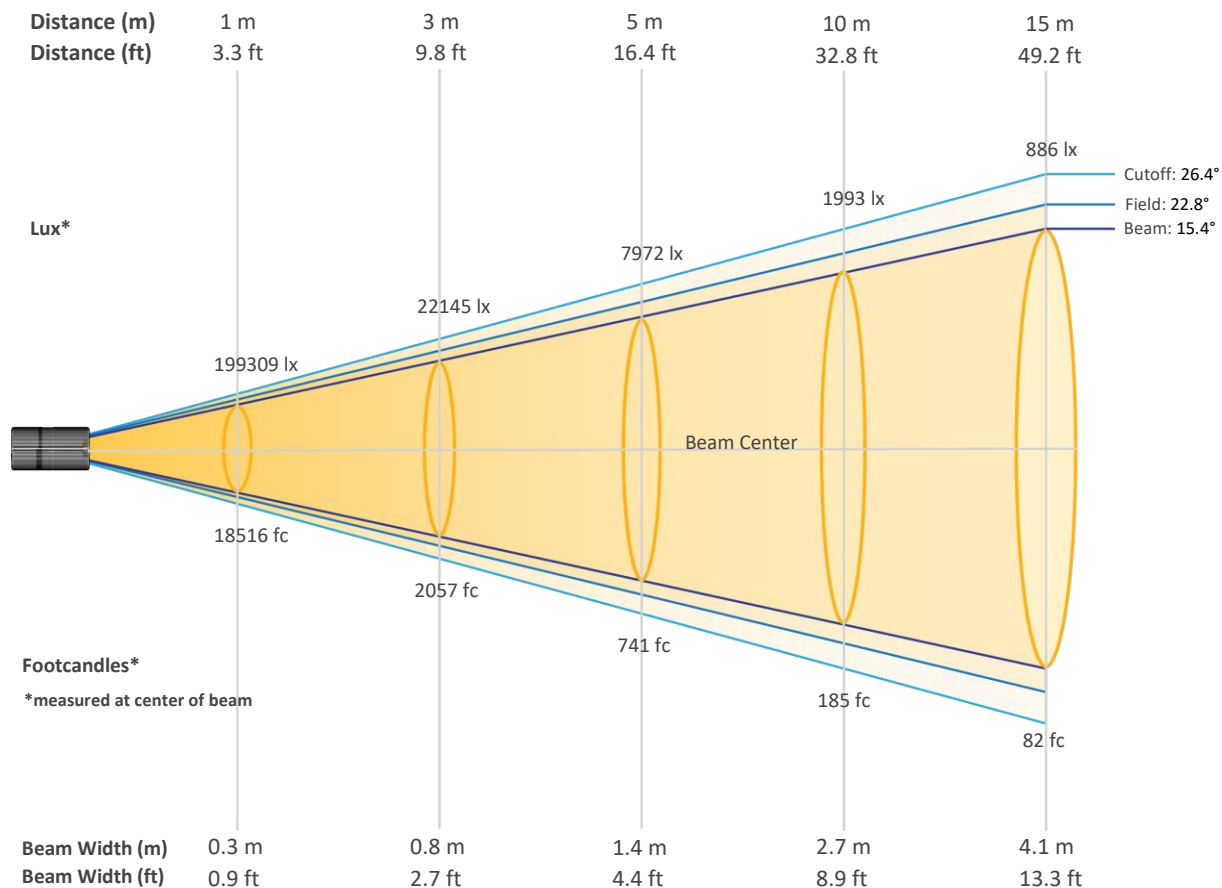
2955 K



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CTO Filter

## Beam Details

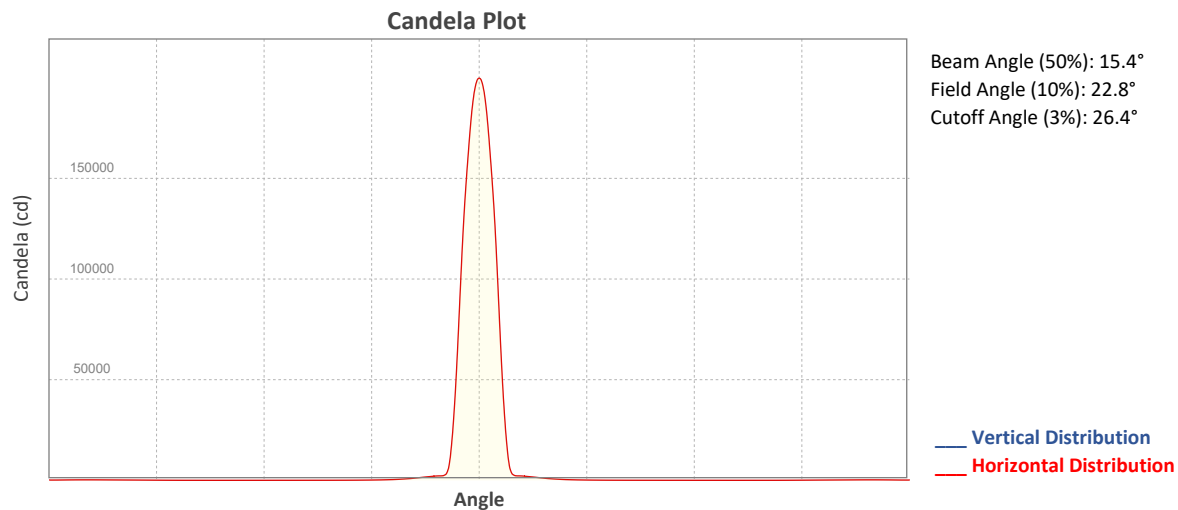


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	199309	49827	22145	12457	7972	5536	4068	3114	2461	1993
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1647	1384	1179	1017	886	779	690	615	552	498
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	18516	4629	2057	1157	741	514	378	289	229	185
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	153	129	110	94	82	72	64	57	51	46

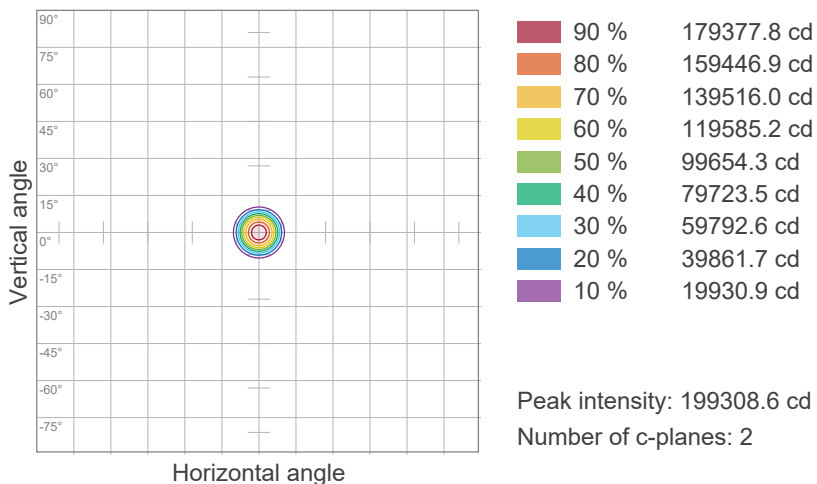
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CTO Filter

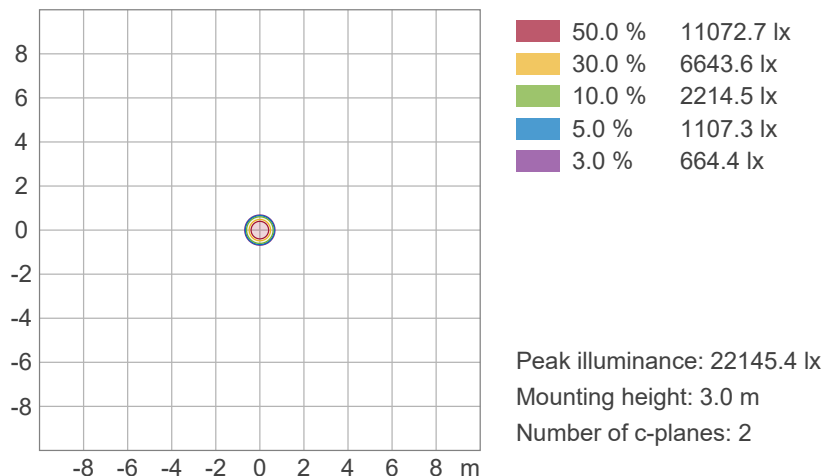


## ISO Diagrams

### ISO Candela Diagram



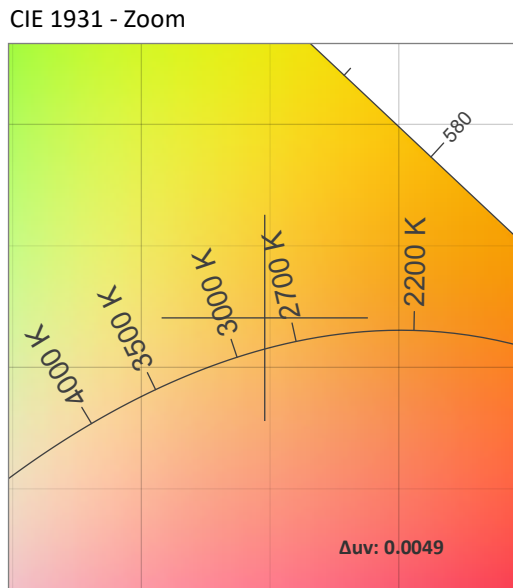
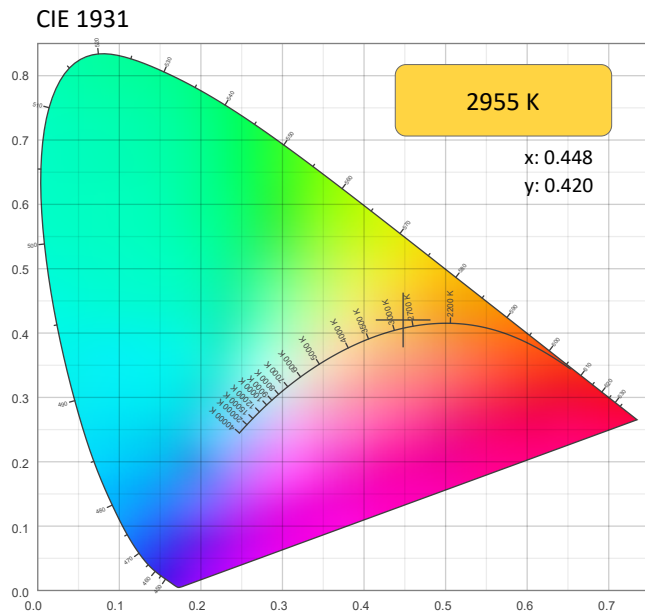
### ISO Lux Diagram



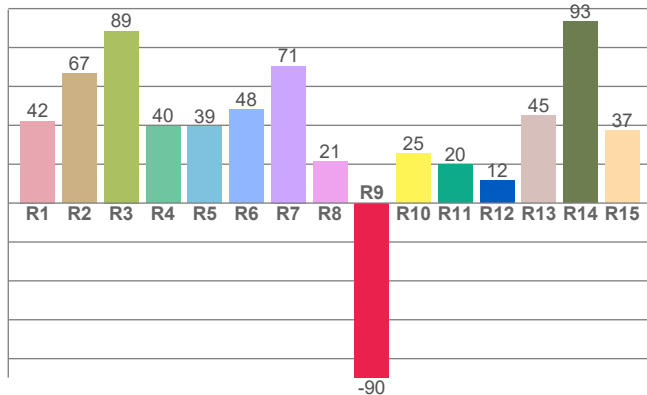
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CTO Filter

## Chromaticity



CRI: 52.0 (R1-R8)

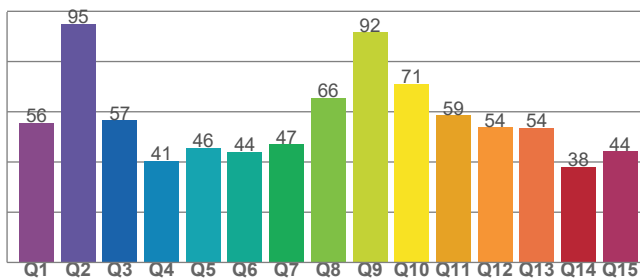


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2955 K	0.448	0.420

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0049	0.420	0.251

CQS: 54.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
52.0	-89.7	54.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
21	58.6	83.7

# Photometric & Chromaticity Report

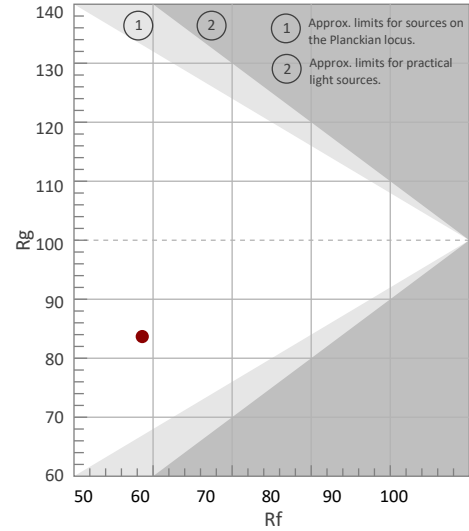
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - CTO Filter

## TM-30 Details

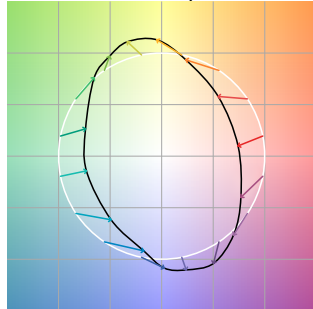
**Rf 58.6**  
Fidelity Index (Rg)

**Rg 83.7**  
Gammut Index (Rg)

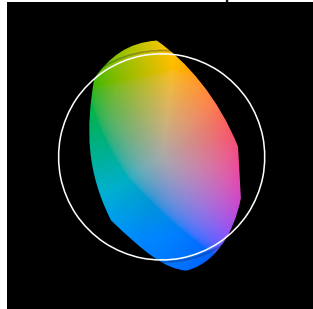
Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	53	-25%	-5%
2	50	-22%	18%
3	37	-9%	32%
4	59	10%	27%
5	75	15%	11%
6	78	9%	-12%
7	58	-3%	-27%
8	60	-22%	-12%
9	59	-26%	0%
10	46	-25%	24%
11	46	-14%	37%
12	60	6%	24%
13	80	13%	2%
14	70	14%	-16%
15	59	0%	-25%
16	63	-17%	-24%



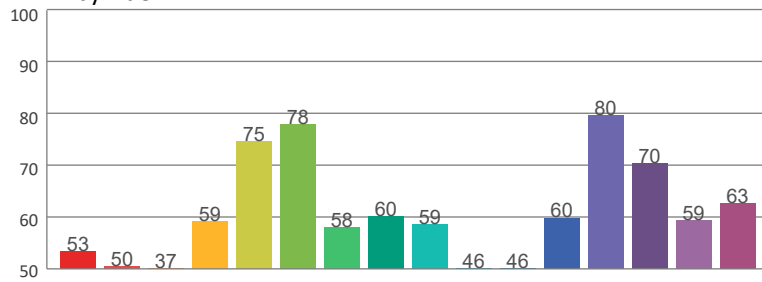
Color Vector Graphic



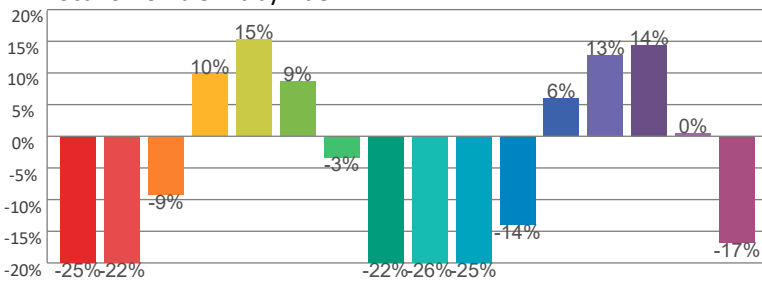
Color Distortion Graphic



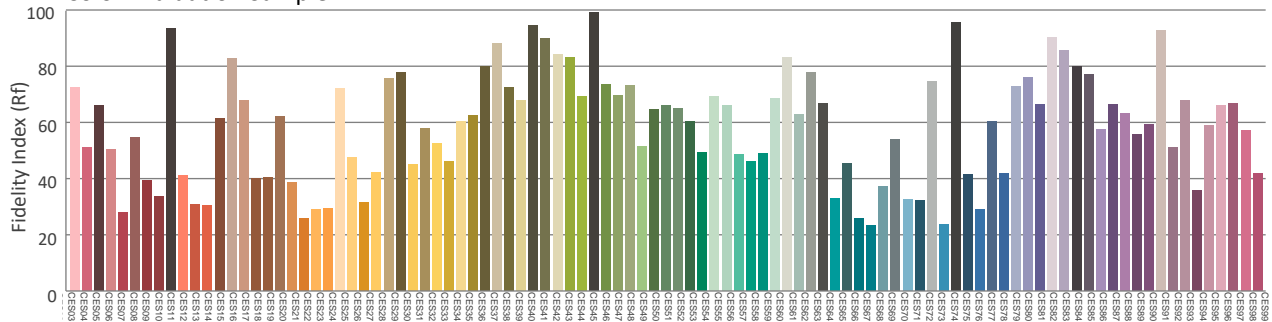
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 3200K

## Report Summary

### Measurements

Fixture Output: 7361 lm  
Fixture Peak: 127635 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 5105 lux  
Color Temperature: 3255 K  
CRI: 78.1      CRI R9 Value: 57.2  
CQS: 76.1  
TLCI: 55  
TM-30 Rf: 75.2  
TM-30 Rg: 103.8  
Beam Angle (50%): 12.5°  
Field Angle (10%): 21.8°  
Cutoff Angle (3%): 26°

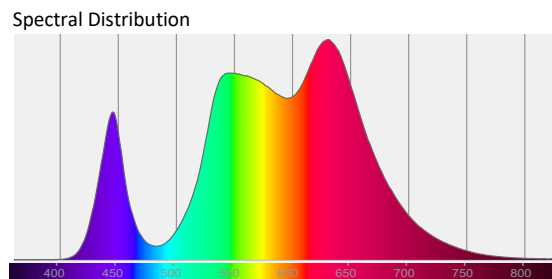
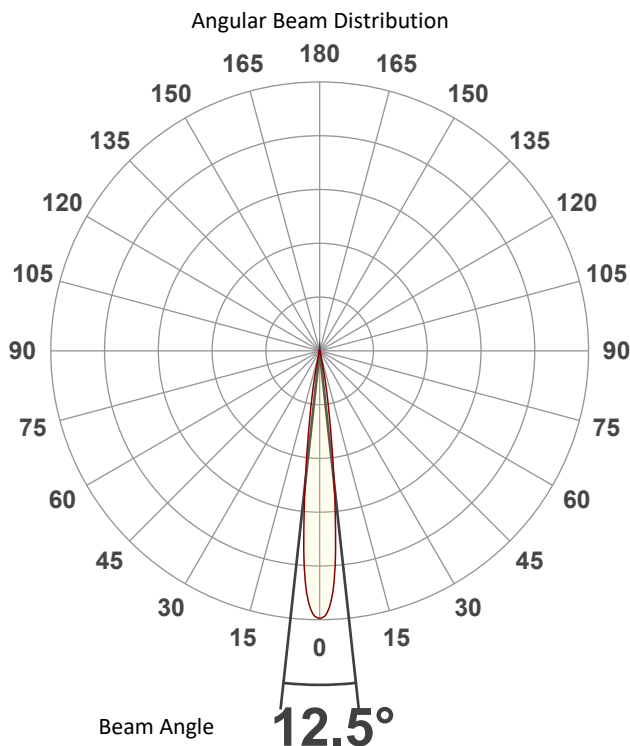


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.421  
Y: 0.400

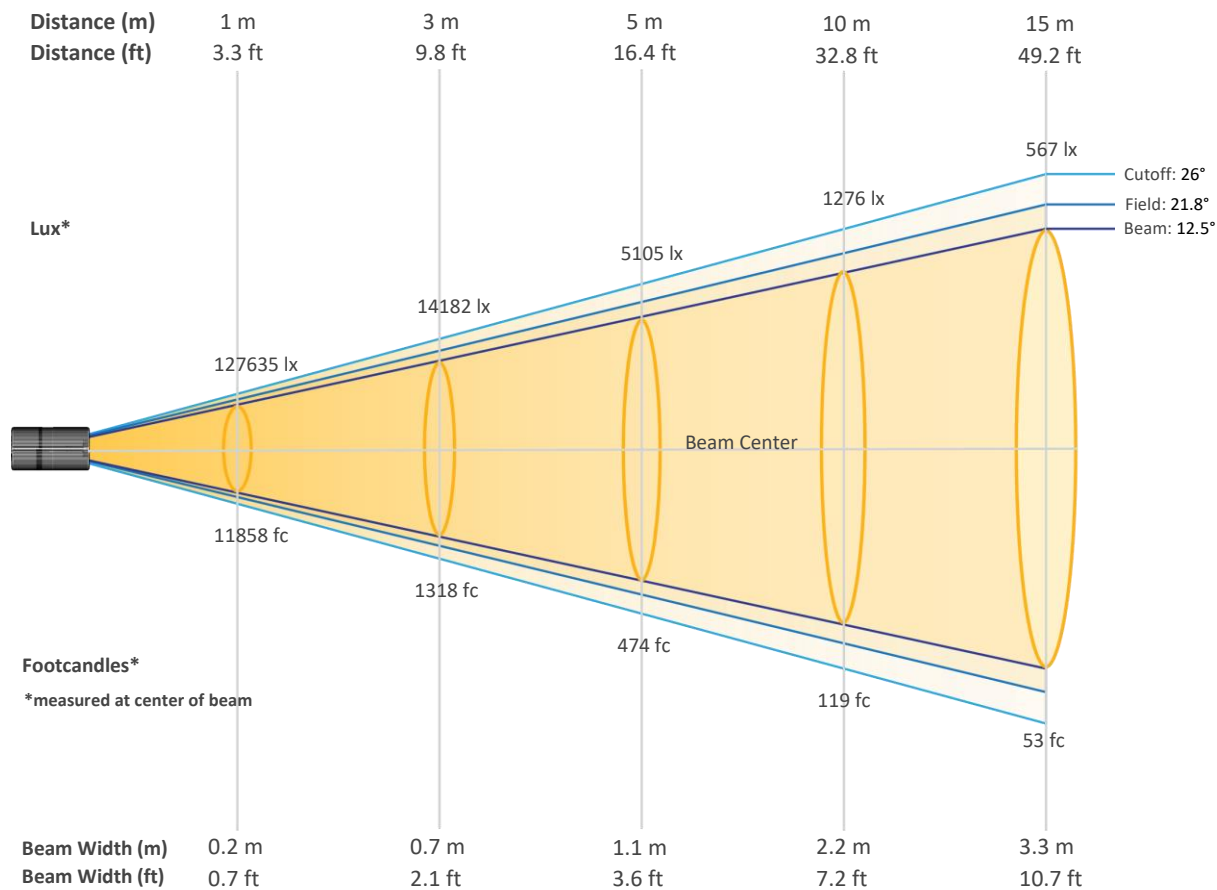
Light Quality  
CRI: 78.1

Color Temperature  
3255 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 3200K

## Beam Details

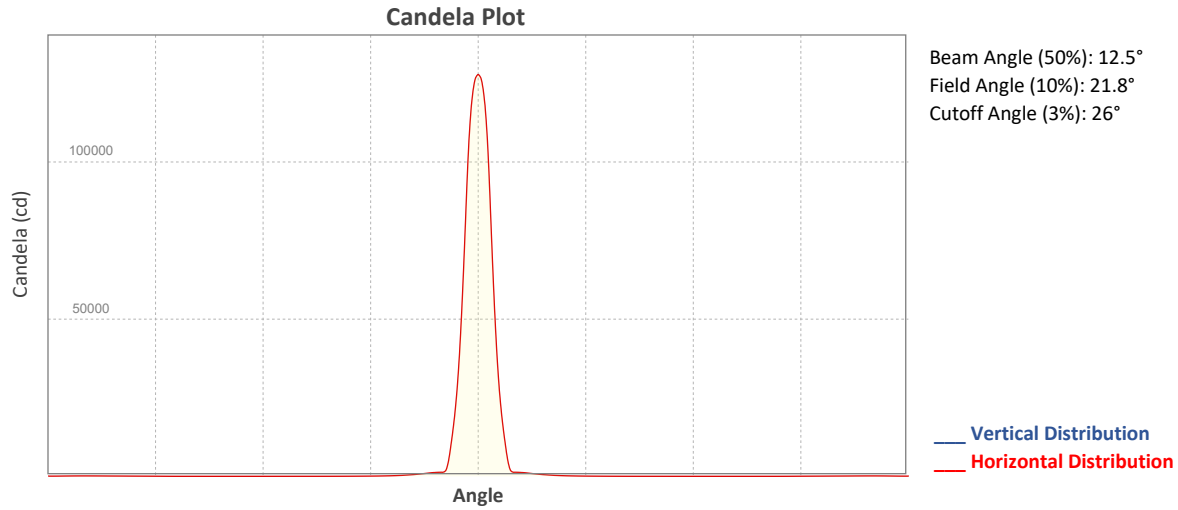


## Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	127635	31909	14182	7977	5105	3545	2605	1994	1576	1276
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1055	886	755	651	567	499	442	394	354	319
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11858	2964	1318	741	474	329	242	185	146	119
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	98	82	70	60	53	46	41	37	33	30

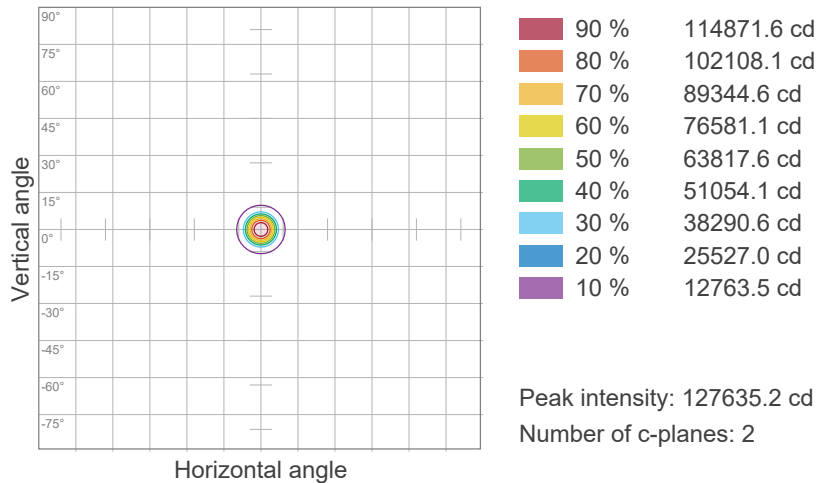
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 3200K

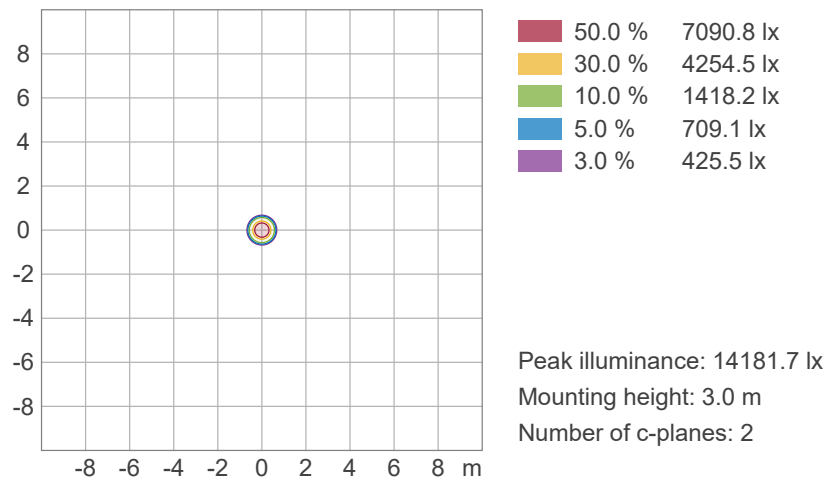


## ISO Diagrams

### ISO Candela Diagram



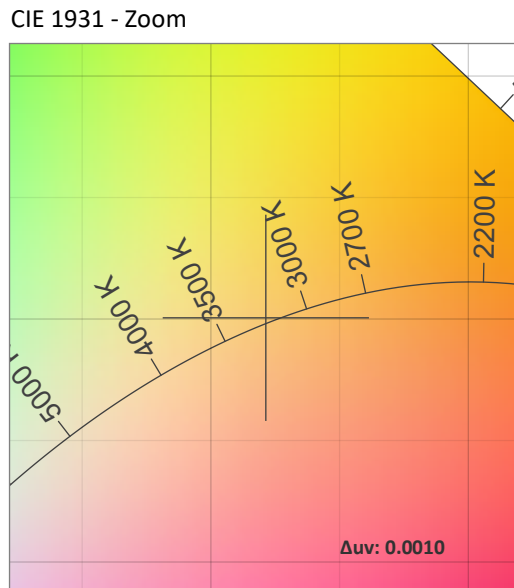
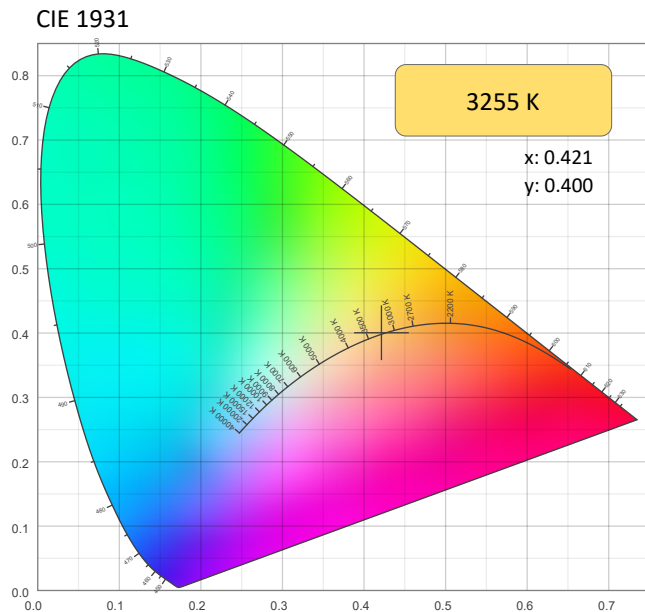
### ISO Lux Diagram



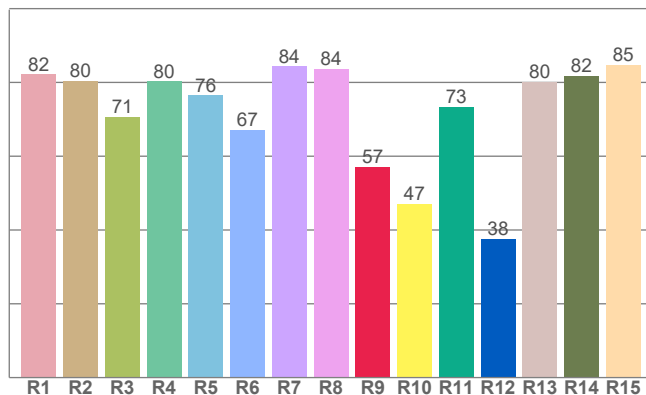
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 3200K

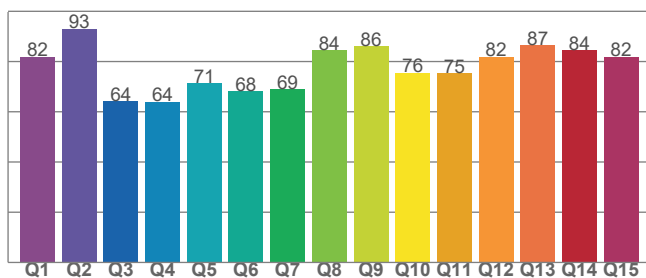
## Chromaticity



CRI: 78.1 (R1-R8)



CQS: 76.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3255 K	0.421	0.400

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0010	0.400	0.242

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78.1	57.2	76.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	75.2	103.8



# Photometric & Chromaticity Report

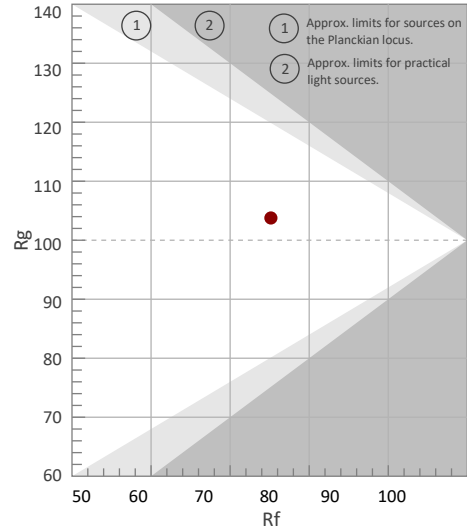
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 3200K

## TM-30 Details

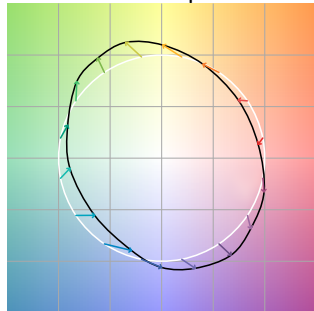
**Rf 75.2**  
Fidelity Index  
(Rg)

**Rg 103.8**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	85	-6%	-5%
2	84	-7%	6%
3	67	-2%	17%
4	66	8%	20%
5	75	17%	12%
6	76	15%	-2%
7	71	10%	-16%
8	79	-4%	-13%
9	80	-11%	-8%
10	68	-15%	10%
11	60	-9%	25%
12	71	4%	21%
13	79	11%	11%
14	81	16%	4%
15	79	10%	-9%
16	82	4%	-13%



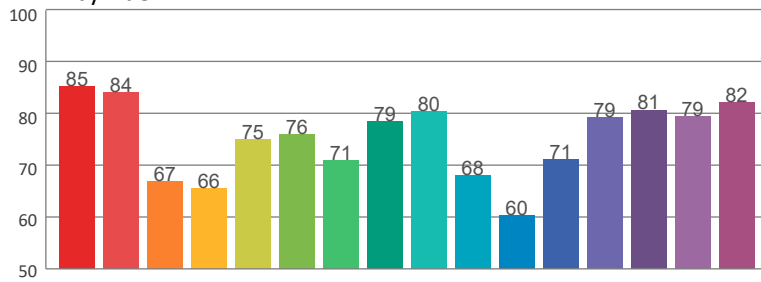
Color Vector Graphic



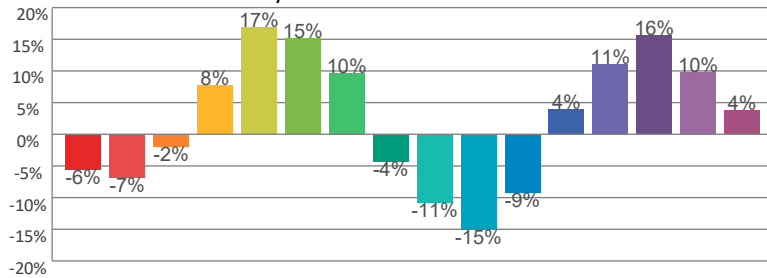
Color Distortion Graphic



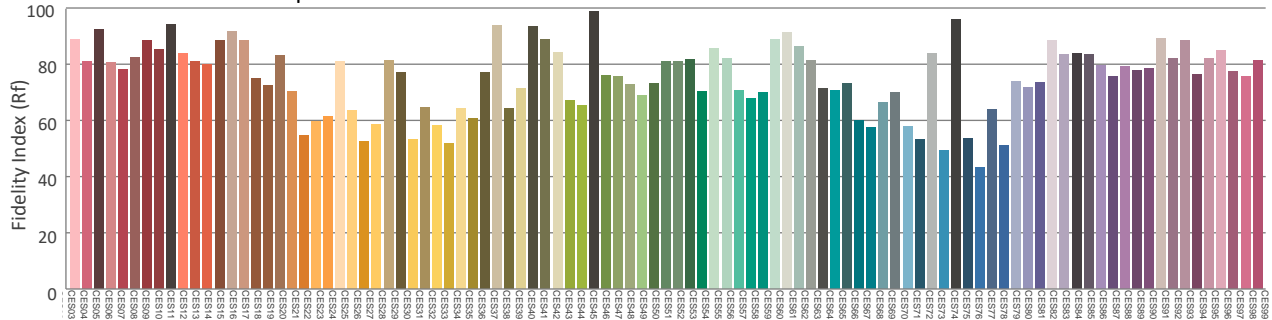
R<sub>f</sub> by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 4000K

## Report Summary

### Measurements

Fixture Output: 10130 lm  
Fixture Peak: 178562 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 7142 lux  
Color Temperature: 4015 K  
CRI: 75.5    CRI R9 Value: 35.0  
CQS: 74.9  
TLCI: 55  
TM-30 Rf: 74.1  
TM-30 Rg: 100.7  
Beam Angle (50%): 12.3°  
Field Angle (10%): 21.6°  
Cutoff Angle (3%): 25.9°

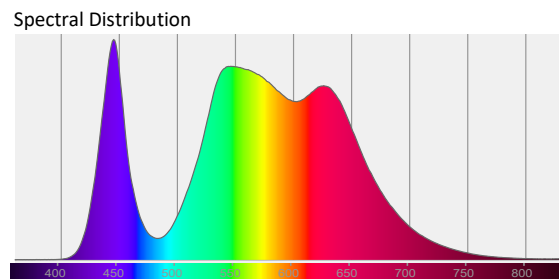
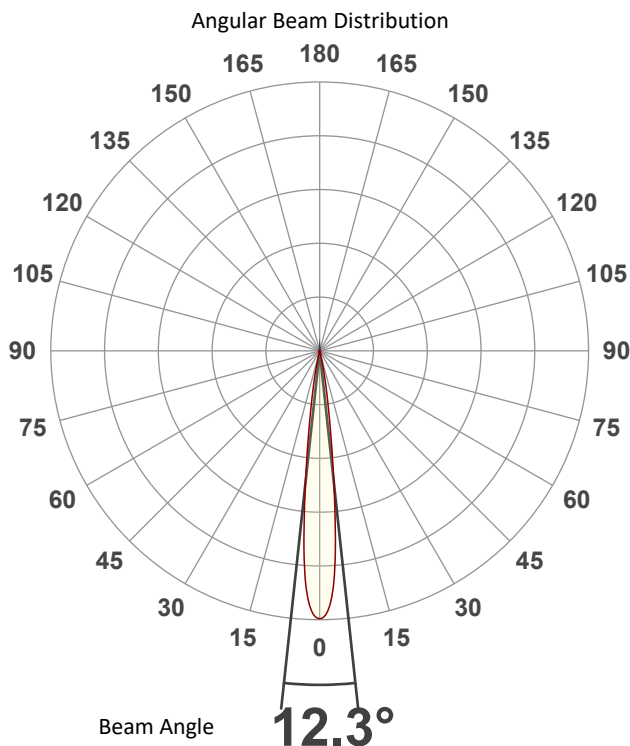


### Conditions

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

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.380  
Y: 0.376

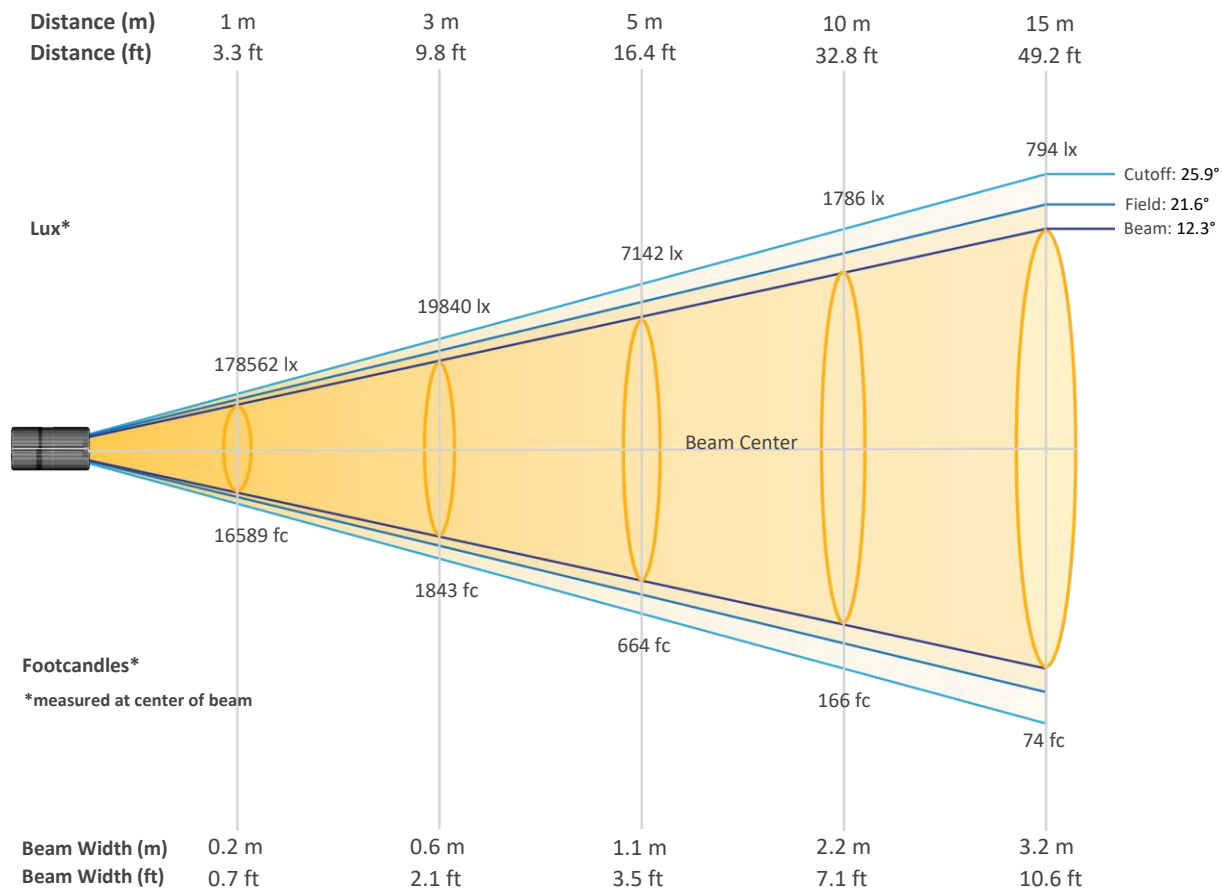
Light Quality  
CRI: 75.5

Color Temperature  
4015 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 4000K

## Beam Details

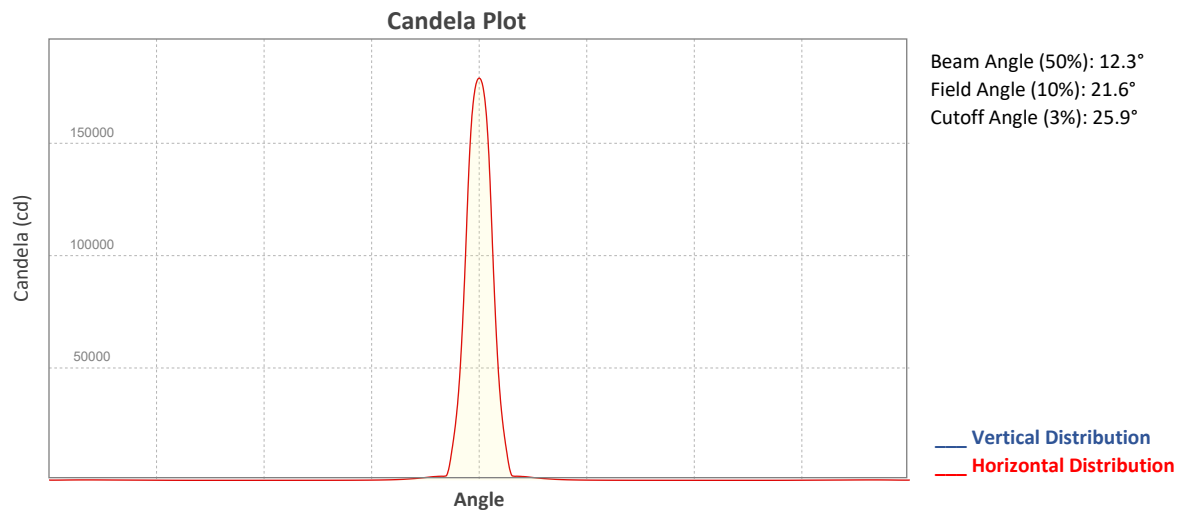


### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	178562	44640	19840	11160	7142	4960	3644	2790	2204	1786
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1476	1240	1057	911	794	698	618	551	495	446
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16589	4147	1843	1037	664	461	339	259	205	166
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	137	115	98	85	74	65	57	51	46	41

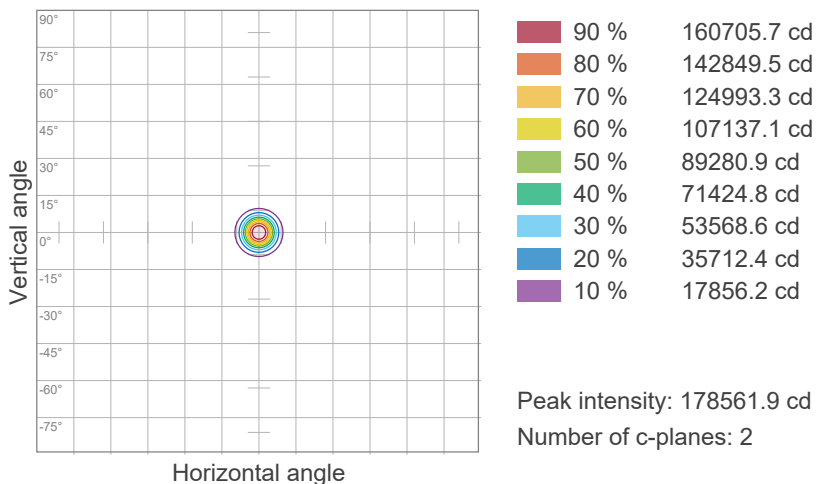
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 4000K

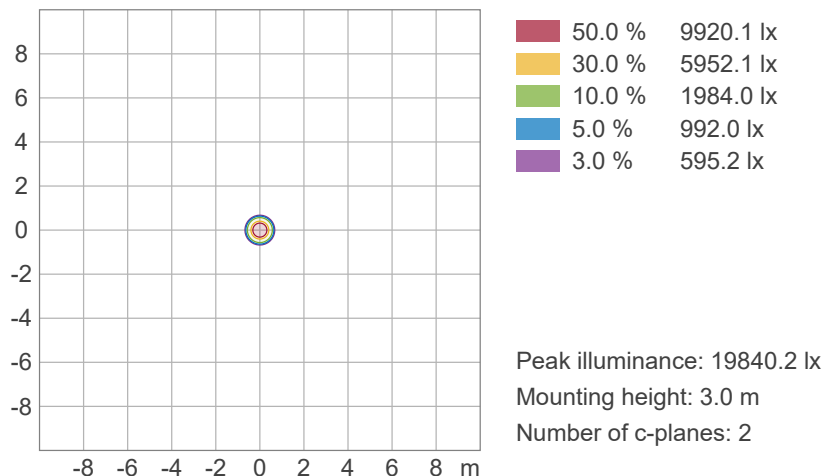


## ISO Diagrams

### ISO Candela Diagram



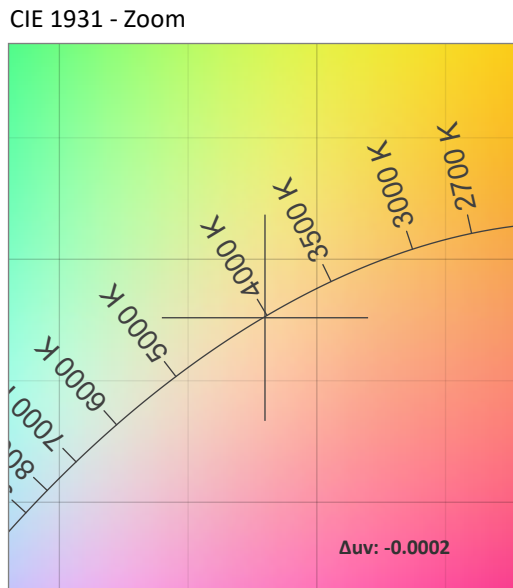
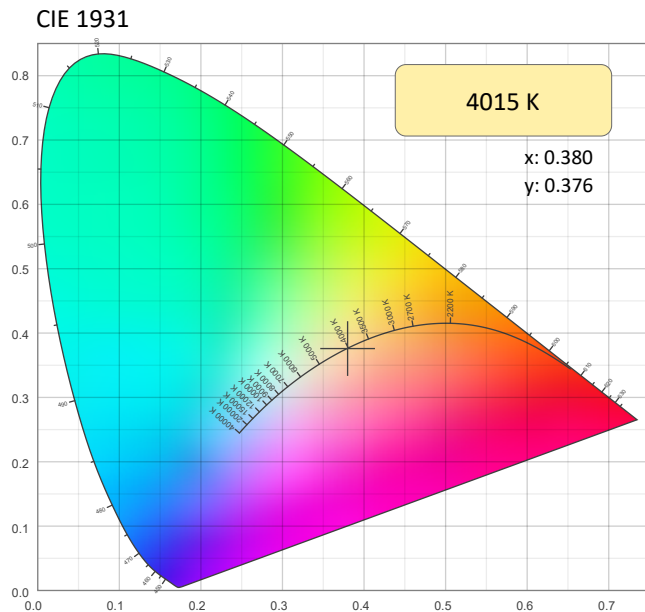
### ISO Lux Diagram



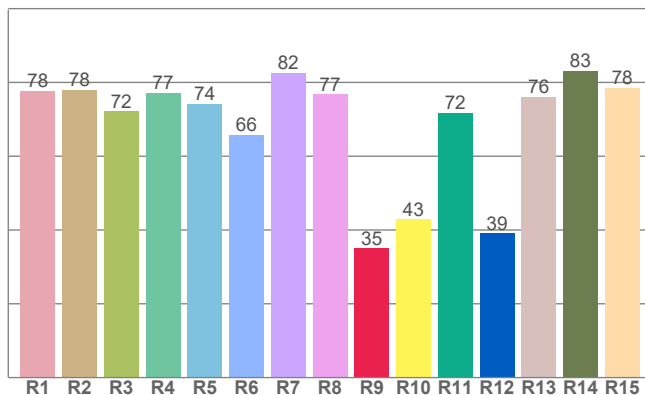
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 4000K

## Chromaticity



CRI: 75.5 (R1-R8)

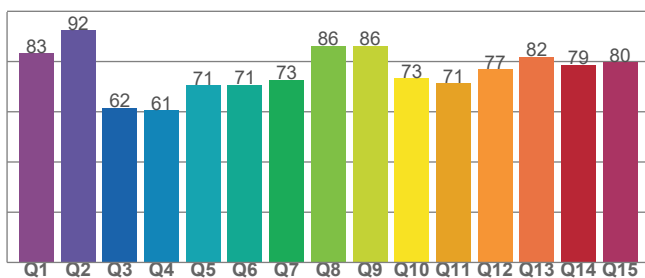


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4015 K	0.380	0.376

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0002	0.376	0.225

CQS: 74.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.5	35.0	74.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
55	74.1	100.7

# Photometric & Chromaticity Report

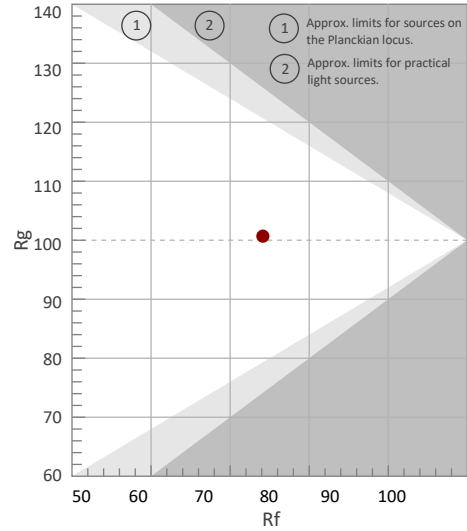
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 4000K

## TM-30 Details

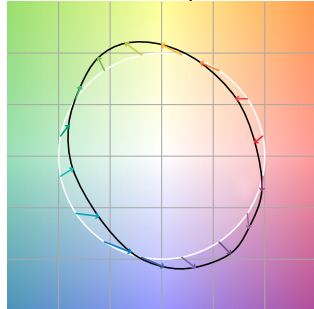
**Rf 74.1**  
Fidelity Index (Rg)

**Rg 100.7**  
Gammut Index (Rg)

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	83	-9%	-5%
2	81	-9%	6%
3	65	-4%	19%
4	66	6%	21%
5	74	14%	13%
6	79	14%	-2%
7	81	3%	-12%
8	80	-6%	-12%
9	80	-13%	-5%
10	64	-17%	14%
11	60	-6%	27%
12	59	5%	23%
13	78	12%	11%
14	79	16%	3%
15	80	9%	-11%
16	79	2%	-14%



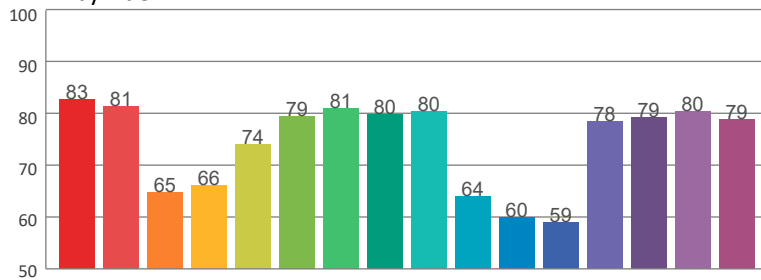
Color Vector Graphic



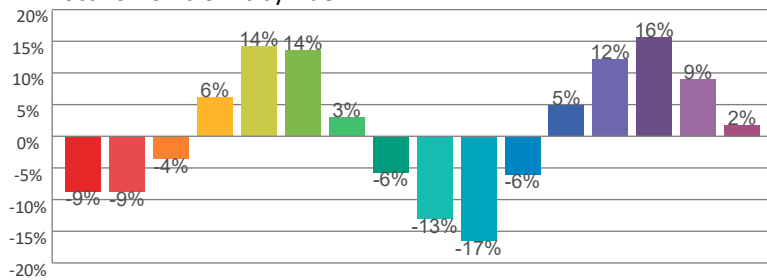
Color Distortion Graphic



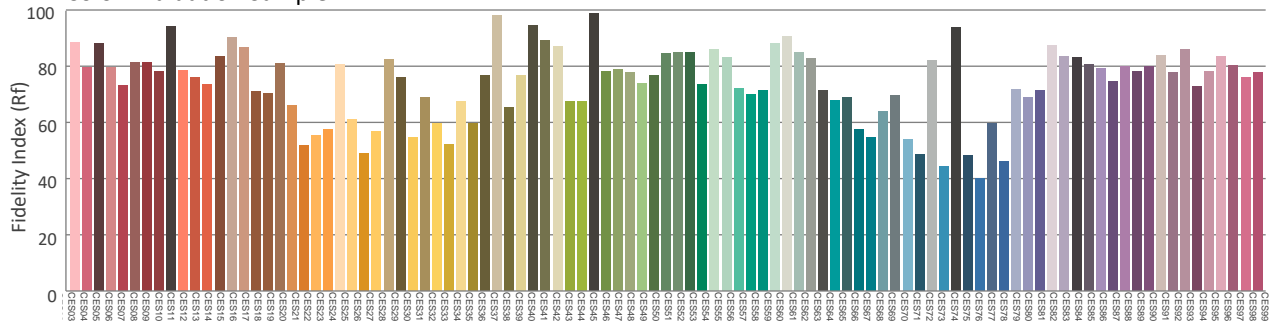
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 5600K

## Report Summary

### Measurements

Fixture Output: 17966 lm  
Fixture Peak: 305995 cd  
Fixture Efficacy: n/a lm/W  
Intensity @ 5m: 12240 lux  
Color Temperature: 5651 K  
CRI: 71.6    CRI R9 Value: -7.4  
CQS: 70.3  
TLCI: 52  
TM-30 Rf: 71.1  
TM-30 Rg: 97.3  
Beam Angle (50%): 13°  
Field Angle (10%): 21.3°  
Cutoff Angle (3%): 24.6°

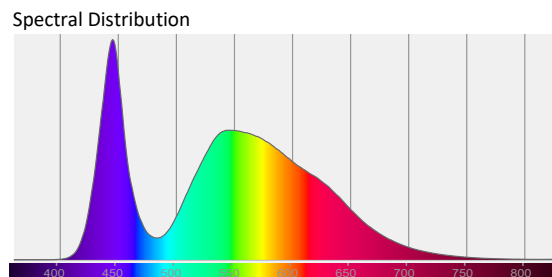
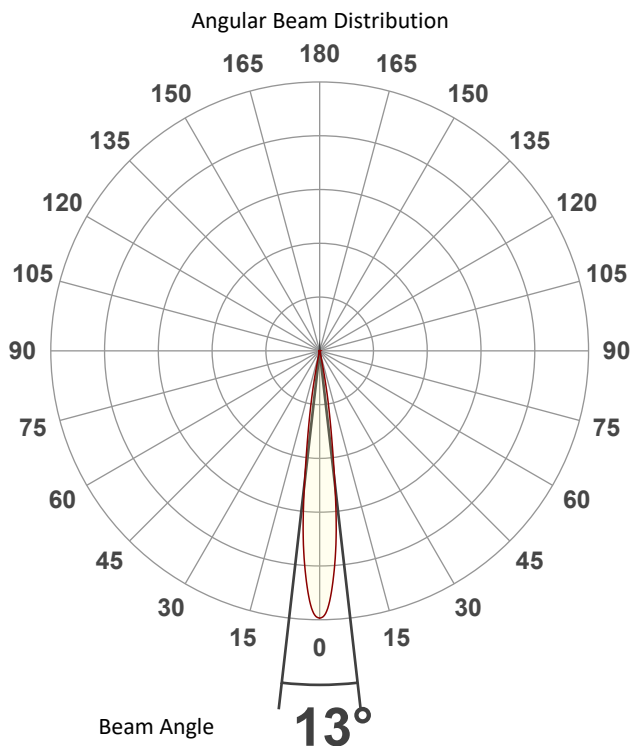


### Conditions

AC Supply: 112 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 9/15/2023 to LM-63-2002 Standards.

## Overall Measurement



Tested Color (CIE 1931):  
X: 0.329  
Y: 0.340

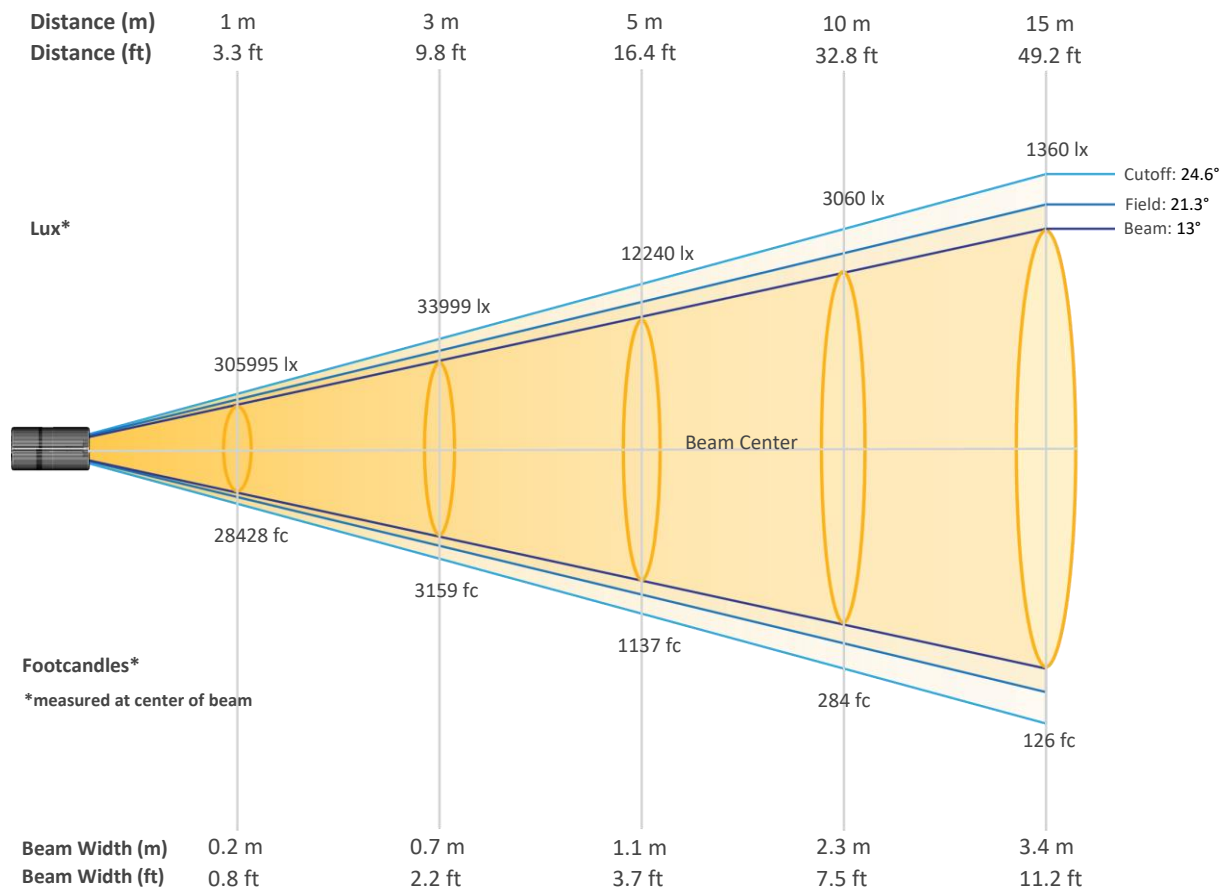
Light Quality  
CRI: 71.6

Color Temperature  
5651 K

# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 5600K

## Beam Details



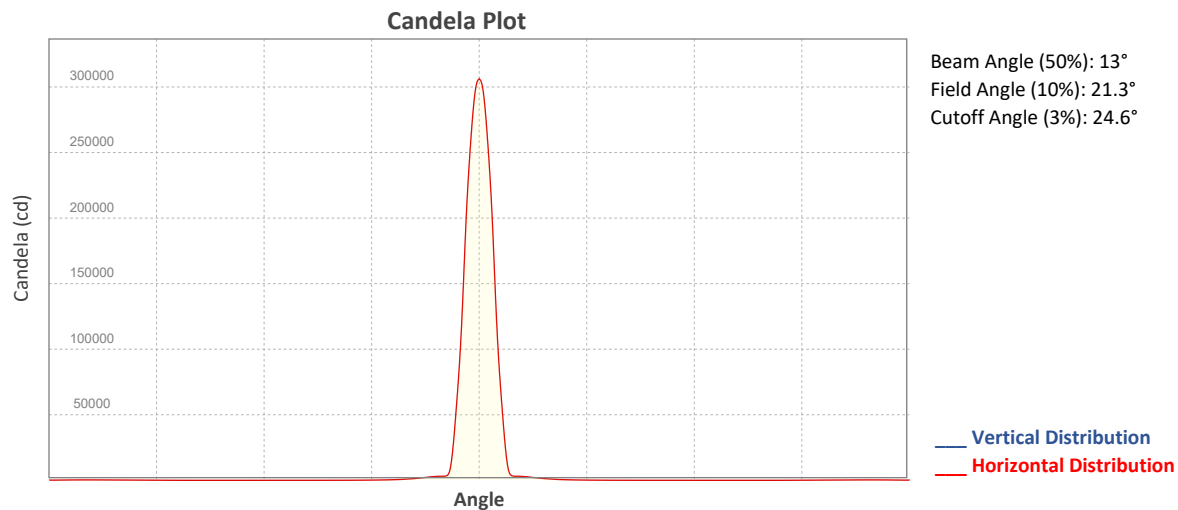
### Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	305995	76499	33999	19125	12240	8500	6245	4781	3778	3060
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2529	2125	1811	1561	1360	1195	1059	944	848	765
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	28428	7107	3159	1777	1137	790	580	444	351	284
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	235	197	168	145	126	111	98	88	79	71



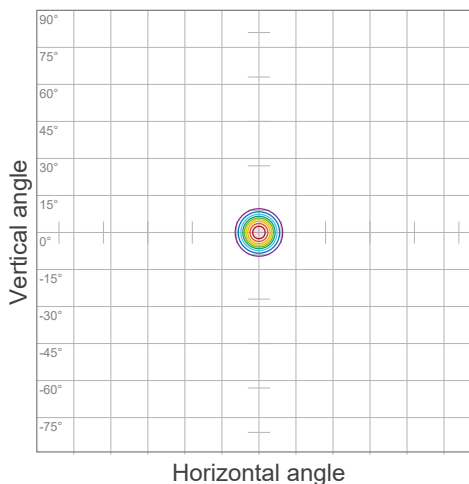
# Photometric & Chromaticity Report

Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 5600K



## ISO Diagrams

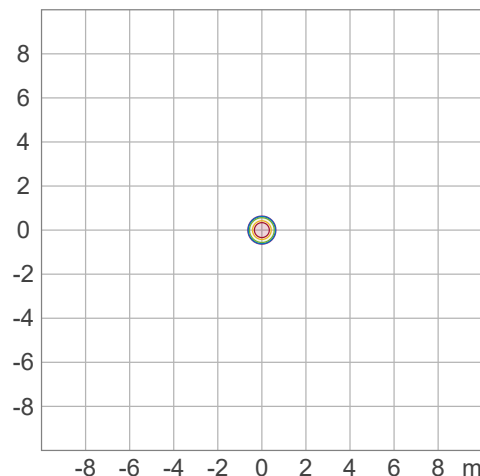
### ISO Candela Diagram



90 %	275395.3 cd
80 %	244795.8 cd
70 %	214196.3 cd
60 %	183596.8 cd
50 %	152997.4 cd
40 %	122397.9 cd
30 %	91798.4 cd
20 %	61199.0 cd
10 %	30599.5 cd

Peak intensity: 305994.7 cd  
 Number of c-planes: 2

### ISO Lux Diagram



50.0 %	16999.7 lx
30.0 %	10199.8 lx
10.0 %	3399.9 lx
5.0 %	1700.0 lx
3.0 %	1020.0 lx

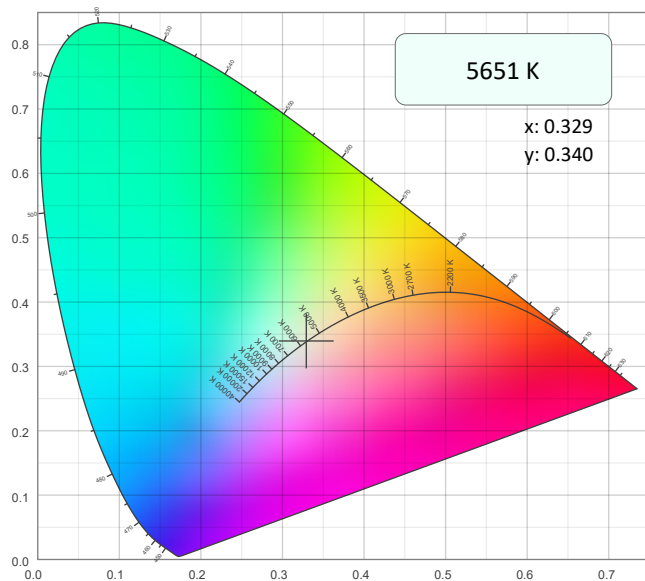
Peak illuminance: 33999.4 lx  
 Mounting height: 3.0 m  
 Number of c-planes: 2

# Photometric & Chromaticity Report

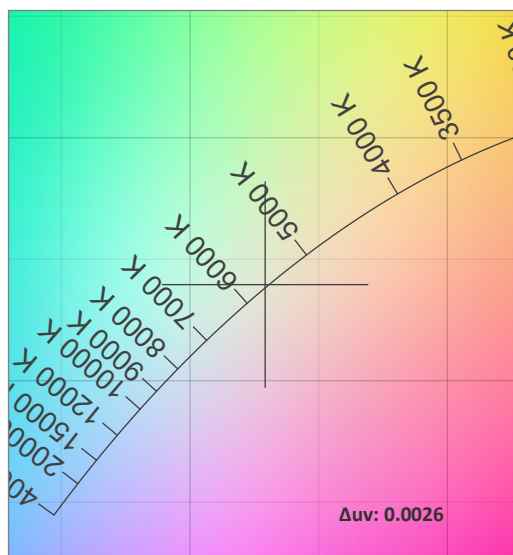
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 5600K

## Chromaticity

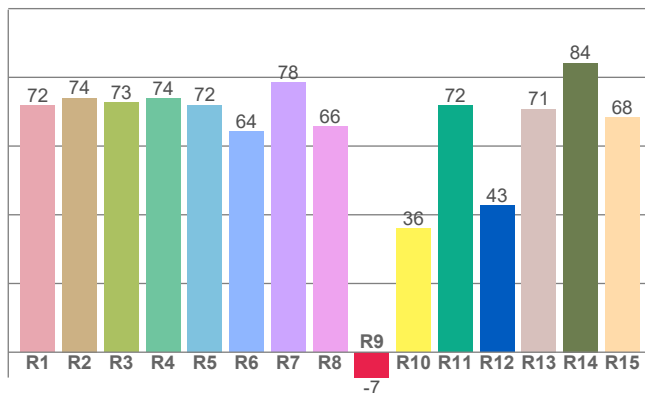
CIE 1931



CIE 1931 - Zoom



CRI: 71.6 (R1-R8)

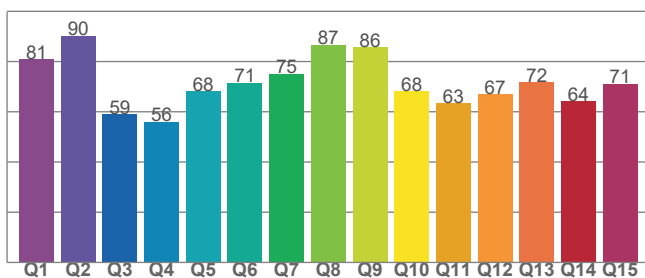


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5651 K	0.329	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	y	u
0.0026	0.340	0.205

CQS: 70.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	-7.4	70.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
52	71.1	97.3

# Photometric & Chromaticity Report

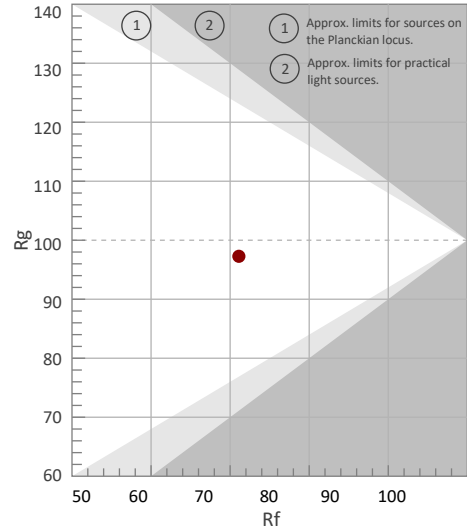
Maverick Force 2 Solo Wash: 50% Zoom - Full Power - 5600K

## TM-30 Details

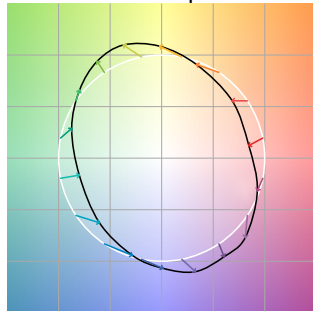
**Rf 71.1**  
Fidelity Index  
(Rg)

**Rg 97.3**  
Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	72	-15%	-5%
2	76	-12%	8%
3	61	-6%	22%
4	63	6%	23%
5	68	15%	15%
6	82	13%	0%
7	83	3%	-11%
8	76	-9%	-11%
9	79	-18%	1%
10	61	-15%	19%
11	53	-6%	29%
12	67	5%	22%
13	79	14%	11%
14	76	13%	-3%
15	75	10%	-19%
16	78	-3%	-13%



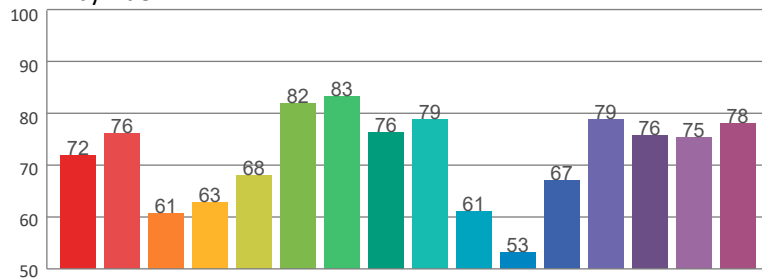
Color Vector Graphic



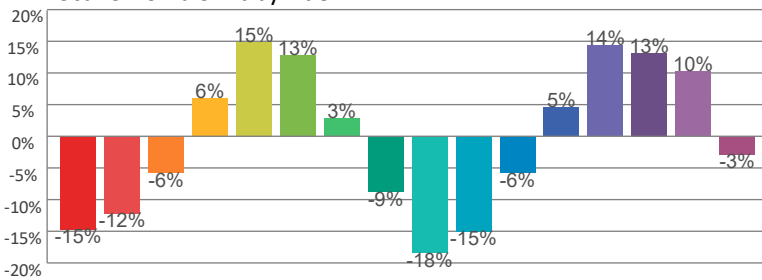
Color Distortion Graphic



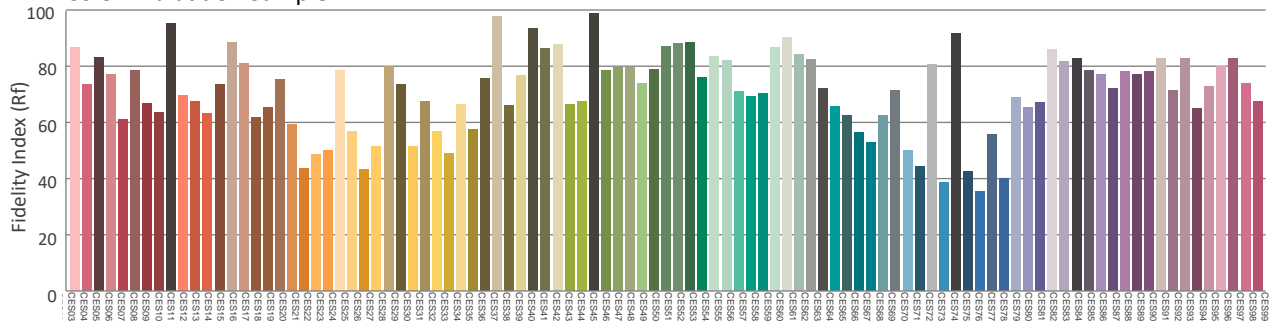
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



# Contact Us

General Information	Technical Support
<b>Chauvet World Headquarters</b>	
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<b>Chauvet U.K.</b>	
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