

MAVERICK FORCE X SPOT



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Testing Process

Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion®, which takes multiple measurements across a light beam to calculate the total delivered lumens, beam, and field of a product. These values can be described as the empirical output of the product as it projects from the lens or lenses. All photometric data contained in this report are obtained from the actual illuminance of the tested Chauvet light source and are never theoretical values derived from calculations.

Testing Lab Equipment and Process

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

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

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

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

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

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

MAVERICK FORCE X SPOT

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood - Full Power

Report Summary

Measurements

Fixture Output: 17167 lm
Fixture Peak: 28364 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1135 lux
Color Temperature: 6462 K
CRI: 72.1 CRI R9 Value: -27.5
CQS: 69.5
TLCI: 49
TM-30 Rf: 72.1
TM-30 Rg: 94.3
Beam Angle (50%): 51.3°
Field Angle (10%): 56.3°
Cutoff Angle (3%): 57.7°

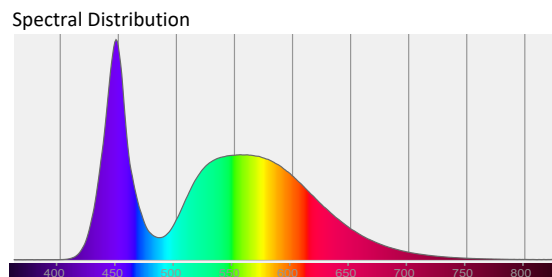
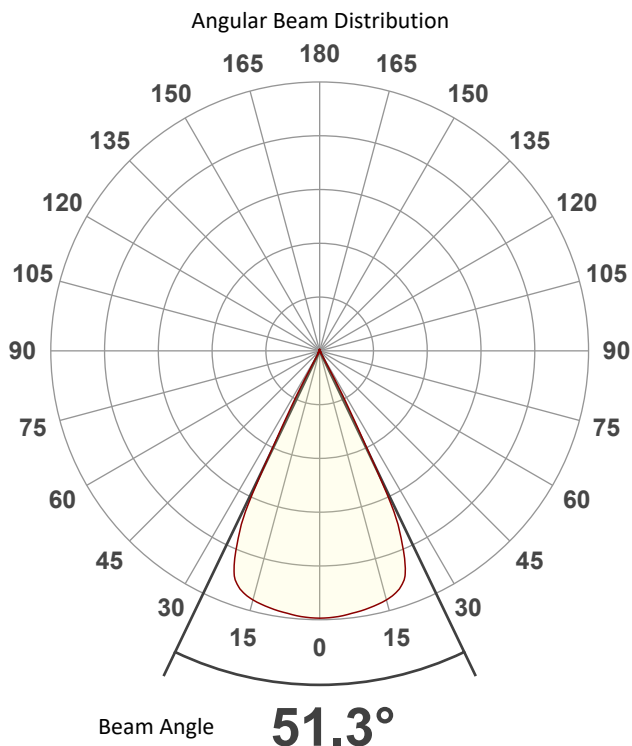
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

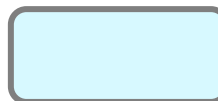
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.326



Light Quality

CRI: 72.1

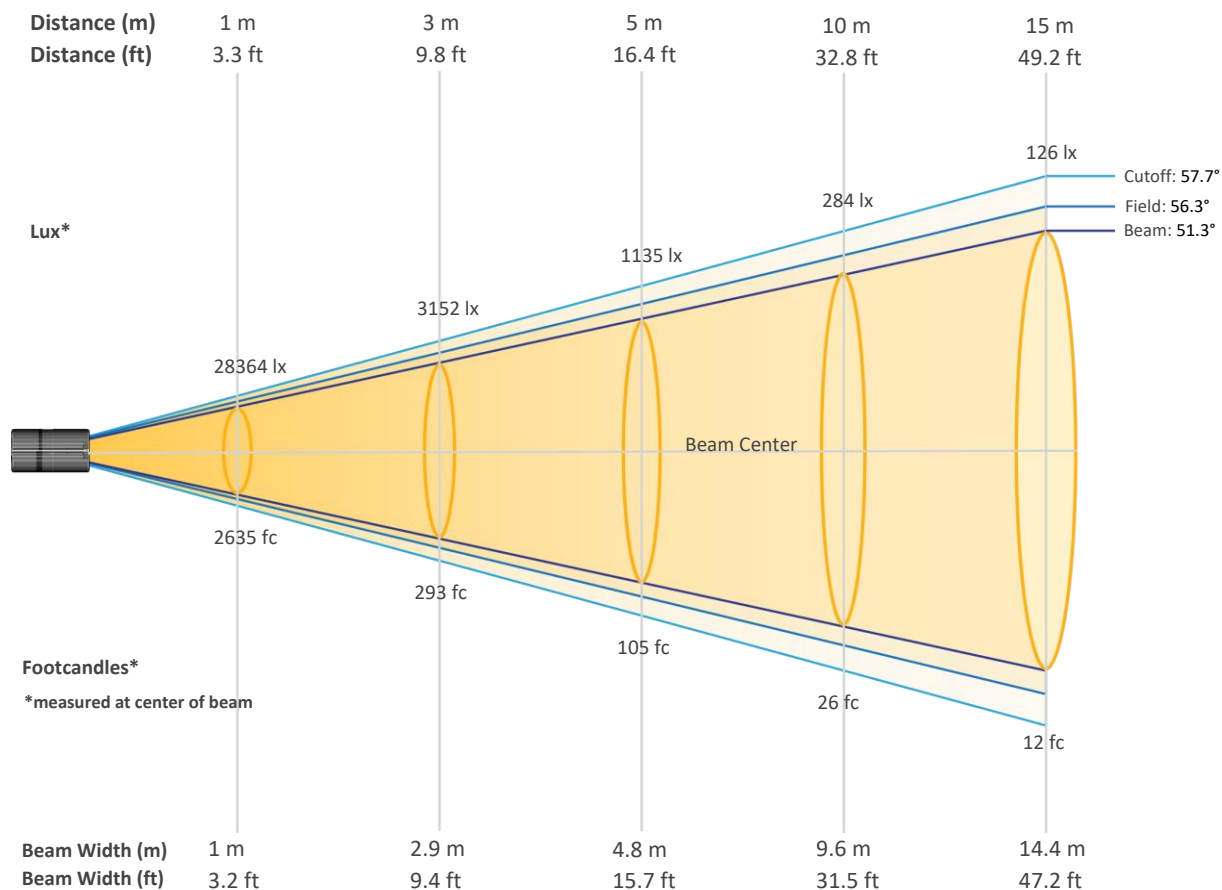
Color Temperature

6462 K

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood - Full Power

Beam Details

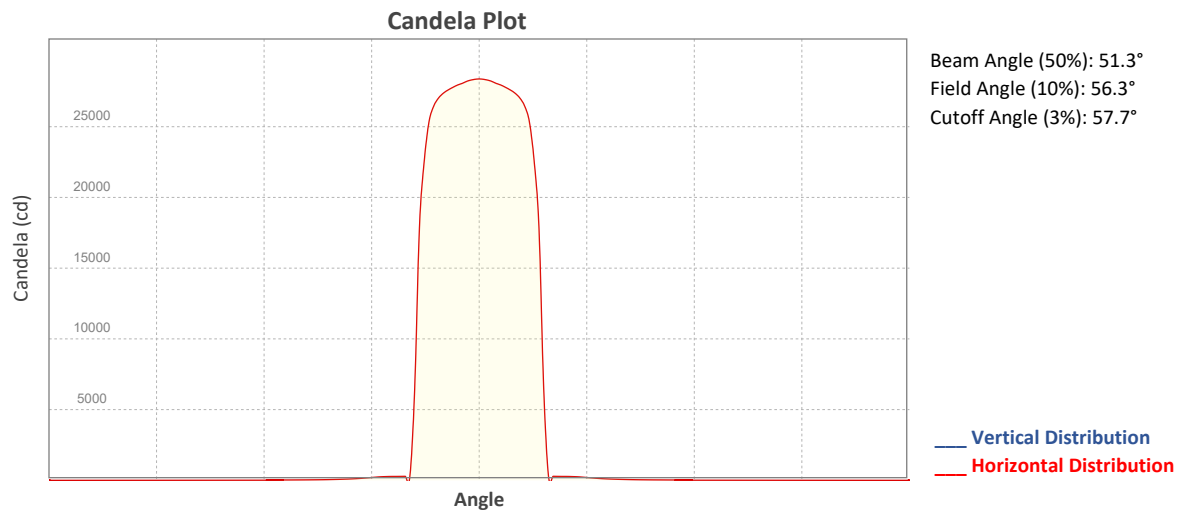


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28364	7091	3152	1773	1135	788	579	443	350	284
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	234	197	168	145	126	111	98	88	79	71
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2635	659	293	165	105	73	54	41	33	26
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	18	16	13	12	10	9	8	7	7

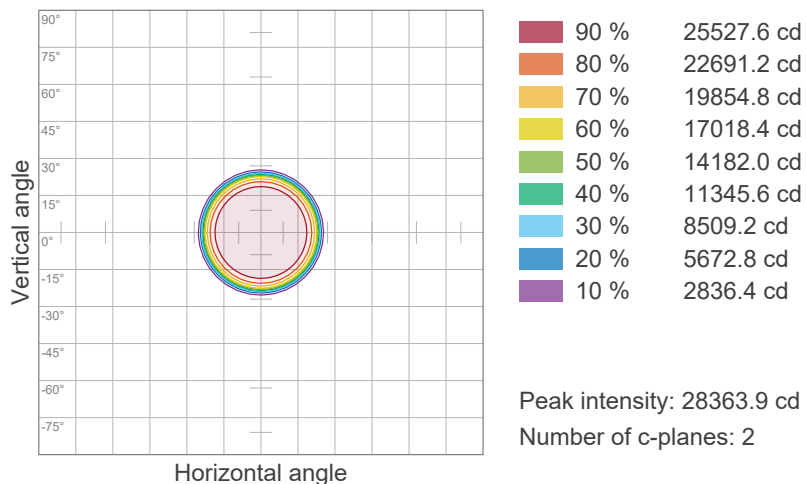
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood - Full Power

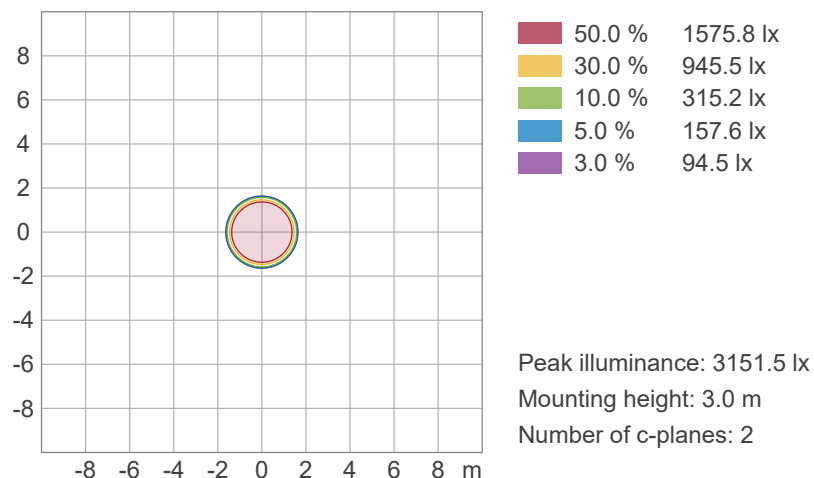


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

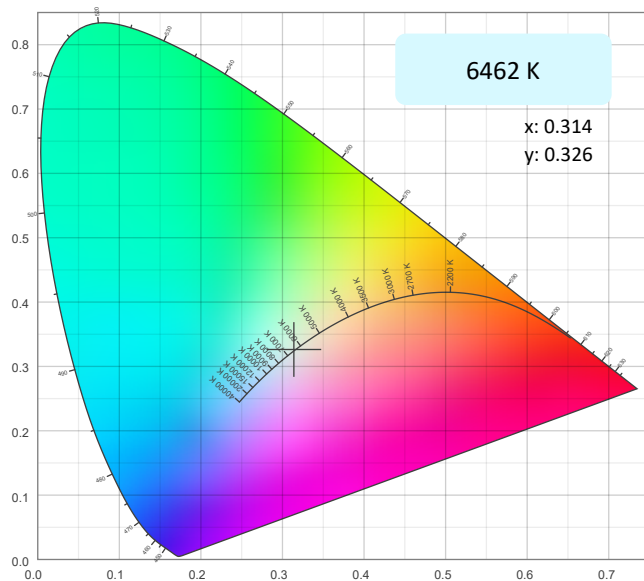


Photometric & Chromaticity Report

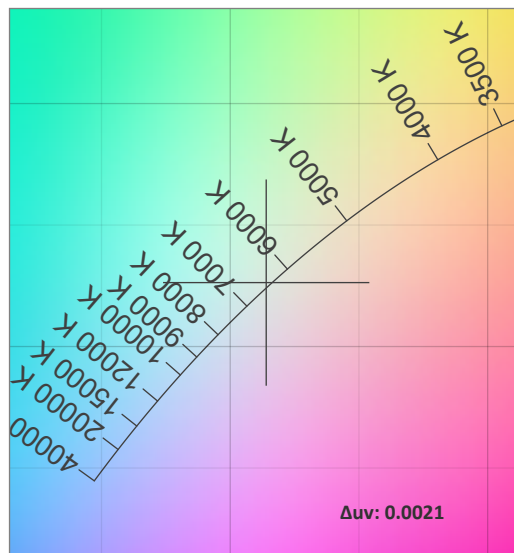
Maverick Force X Spot: Full Flood - Full Power

Chromaticity

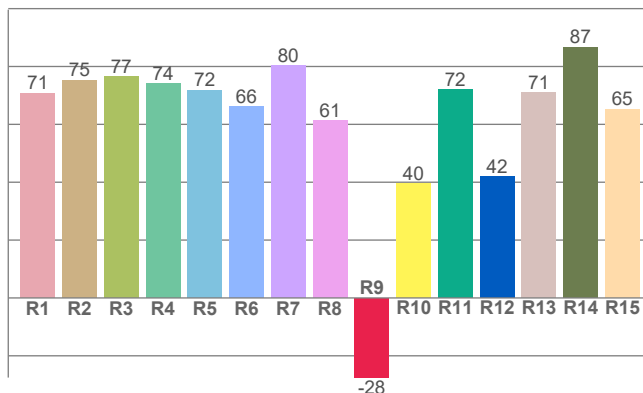
CIE 1931



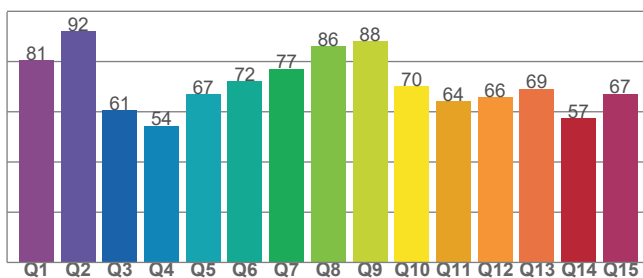
CIE 1931 - Zoom



CRI: 72.1 (R1-R8)



CQS: 69.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6462 K	0.314	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0021	0.326	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.1	-27.5	69.5

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

Maverick Force X Spot: Full Flood - Full Power

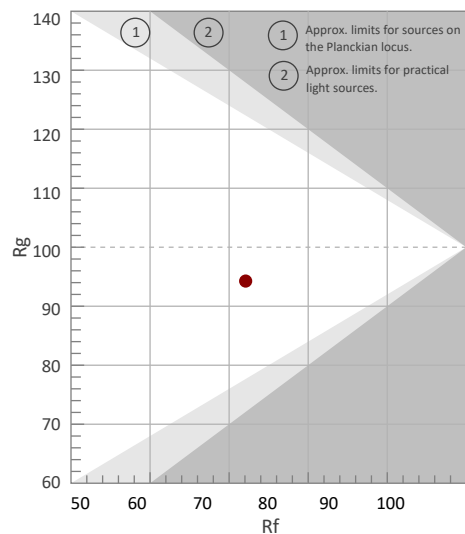
Rf 72.1

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	21%
5	74	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	6%
10	56	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	7%
14	77	11%	-6%
15	70	10%	-26%
16	78	-6%	-12%



A bar chart showing the number of respondents for each age group. The y-axis represents the number of respondents, ranging from 50 to 100 in increments of 10. The x-axis lists the age groups. The bars are color-coded and labeled with their respective values.

Age Group	Number of Respondents
18-24	67
25-34	74
35-44	62
45-54	67
55-64	74
65-74	85
75-84	89
85-94	79
95-104	78
105-114	56
115-124	55
125-134	71
135-144	80
145-154	77
155-164	70
165-174	78

Race	Percentage Change
Black	-18%
Hispanic	-13%
Asian	-7%
White	3%
American Indian/Alaska Native	10%
Native Hawaiian/Other Pacific Islander	9%
Other	0%
Black	-11%
Hispanic	-18%
Asian	-14%
White	-3%
American Indian/Alaska Native	5%
Native Hawaiian/Other Pacific Islander	14%
Other	11%
Black	10%
Hispanic	-6%

A bar chart titled 'Fidelity Index (Rf)' showing the performance of various configurations (C1 to C59). The y-axis represents the Fidelity Index (Rf) from 0 to 100. The x-axis lists the configurations. The bars are color-coded in groups: pink (C1-C10), orange (C11-C20), yellow (C21-C30), green (C31-C40), blue (C41-C50), and purple (C51-C59). The chart shows a general trend of increasing fidelity index as the configuration number increases, with some fluctuations. Configuration C32 shows the highest fidelity index at 100.

Configuration	Fidelity Index (Rf)
C1	87
C2	75
C3	78
C4	78
C5	78
C6	57
C7	60
C8	57
C9	57
C10	96
C11	68
C12	68
C13	60
C14	60
C15	78
C16	60
C17	60
C18	60
C19	45
C20	50
C21	55
C22	82
C23	48
C24	58
C25	62
C26	62
C27	62
C28	62
C29	62
C30	62
C31	78
C32	100
C33	72
C34	92
C35	92
C36	92
C37	92
C38	92
C39	92
C40	92
C41	92
C42	92
C43	92
C44	92
C45	92
C46	92
C47	92
C48	92
C49	92
C50	92
C51	92
C52	92
C53	92
C54	92
C55	92
C56	92
C57	92
C58	92
C59	92

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - Auto

Report Summary

Measurements

Fixture Output: 17125 lm
Fixture Peak: 28305 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1132 lux
Color Temperature: 6466 K
CRI: 72.1 CRI R9 Value: -27.4
CQS: 69.5
TLCI: 49
TM-30 Rf: 72.1
TM-30 Rg: 94.2
Beam Angle (50%): 51.5°
Field Angle (10%): 56.3°
Cutoff Angle (3%): 58.3°

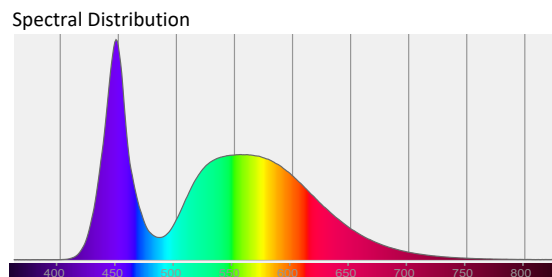
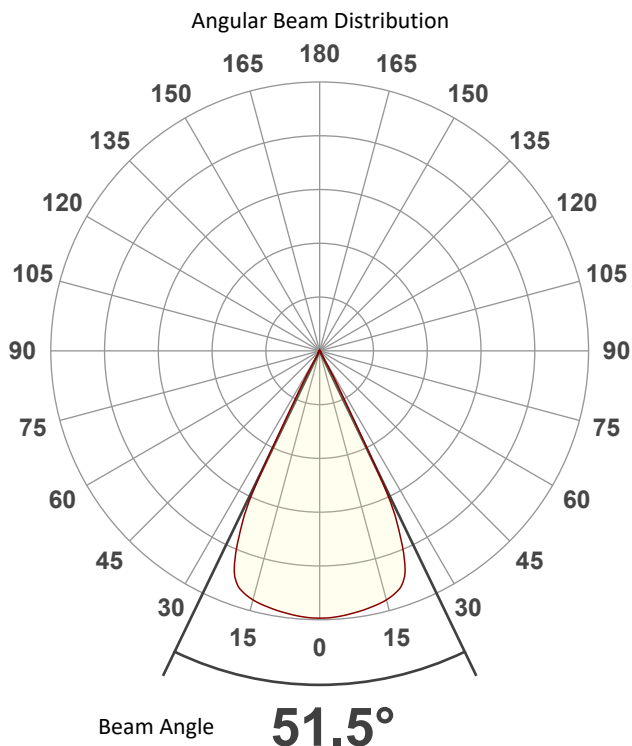
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

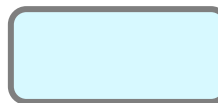
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.326



Light Quality

CRI: 72.1

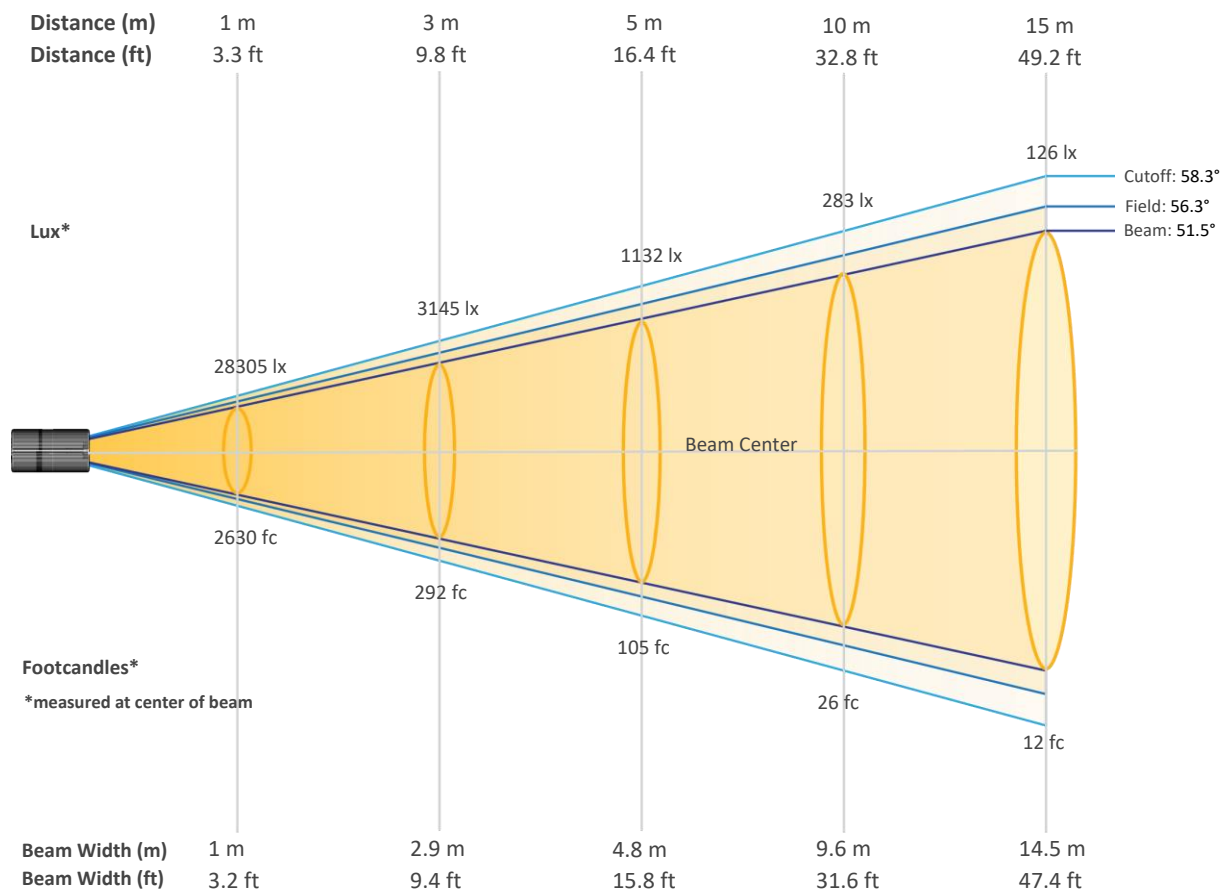
Color Temperature

6466 K

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - Auto

Beam Details

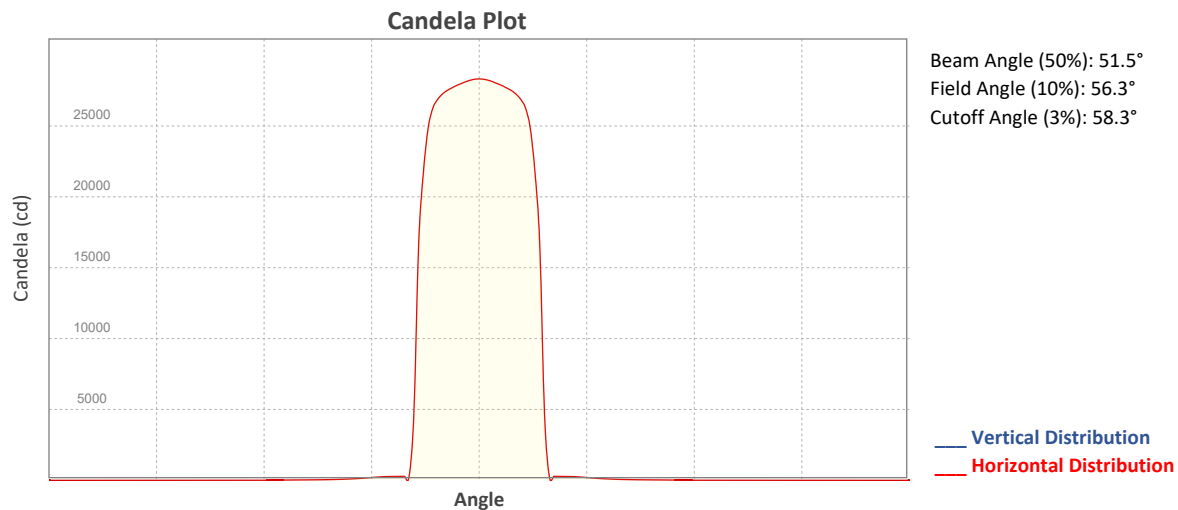


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28305	7076	3145	1769	1132	786	578	442	349	283
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	234	197	167	144	126	111	98	87	78	71
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2630	657	292	164	105	73	54	41	32	26
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	18	16	13	12	10	9	8	7	7

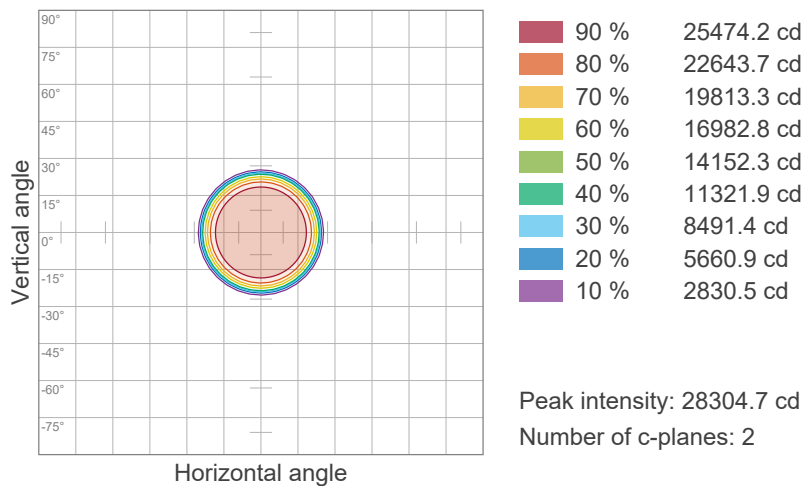
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - Auto

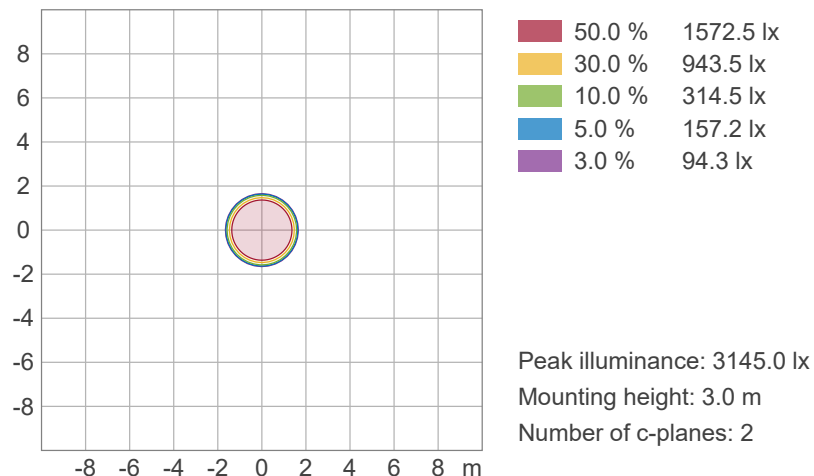


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

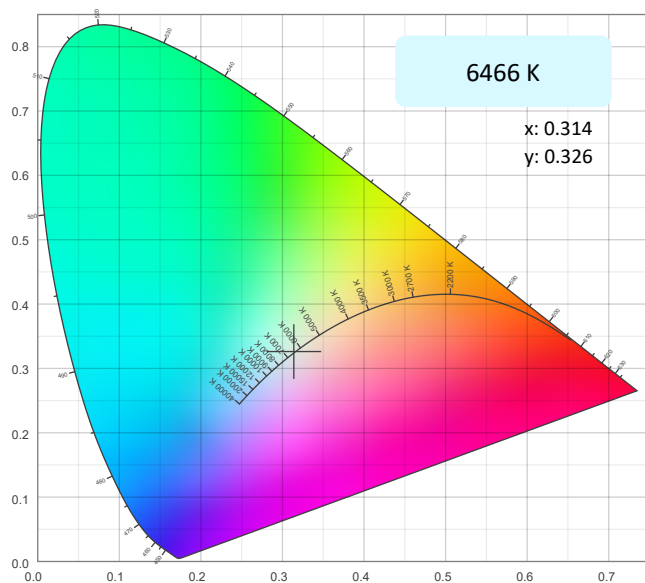


Photometric & Chromaticity Report

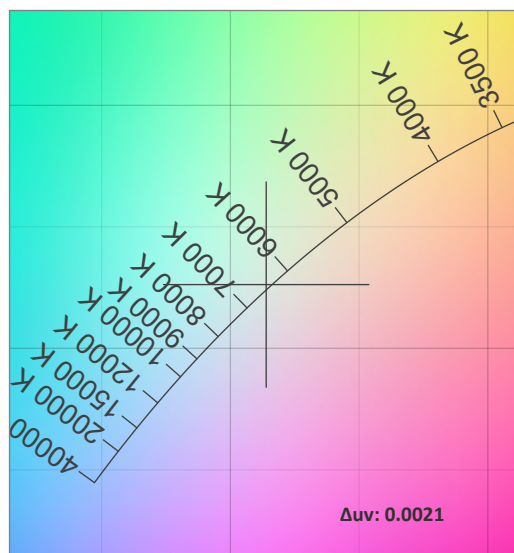
Maverick Force X Spot: Full Flood-Full Power - Auto

Chromaticity

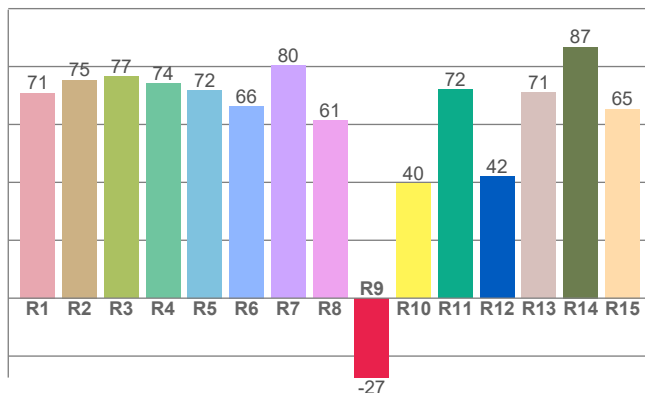
CIE 1931



CIE 1931 - Zoom



CRI: 72.1 (R1-R8)

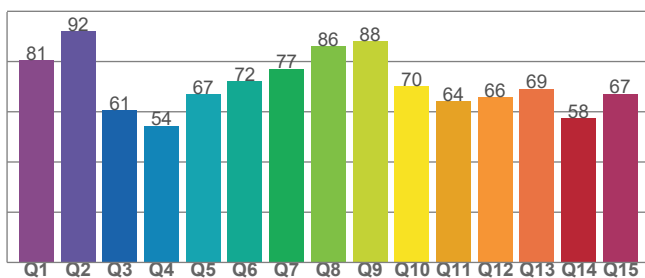


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6466 K	0.314	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0021	0.326	0.200

CQS: 69.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.1	-27.4	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	72.1	94.2

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - Auto

TM-30 Details

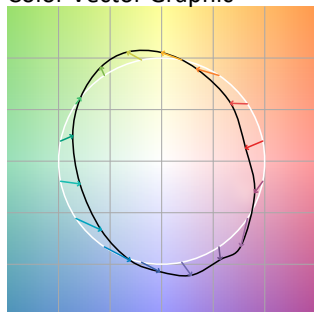
Rf 72.1

Fidelity Index
(Rg)

Rg 94.2

Gammut Index (Rg)

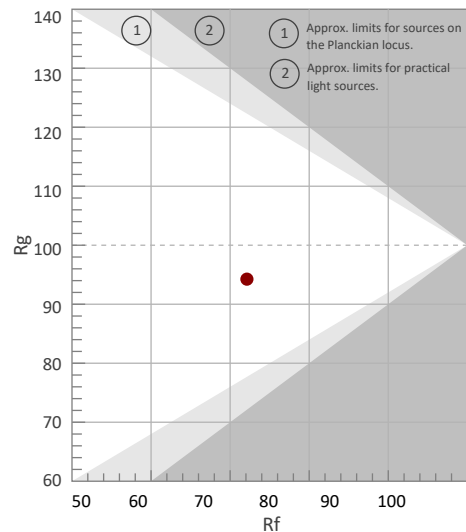
Color Vector Graphic



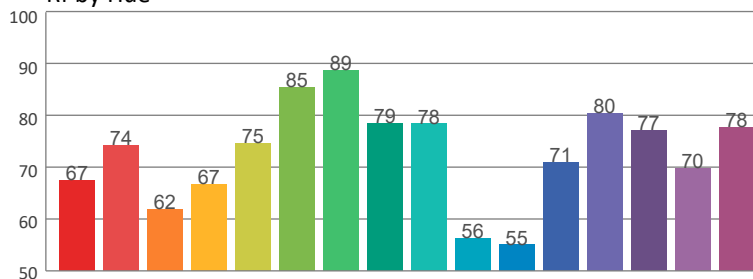
Color Distortion Graphic



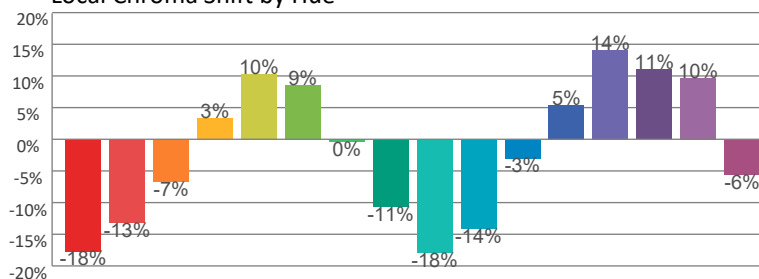
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	21%
5	75	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	6%
10	56	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	77	11%	-6%
15	70	10%	-26%
16	78	-6%	-12%



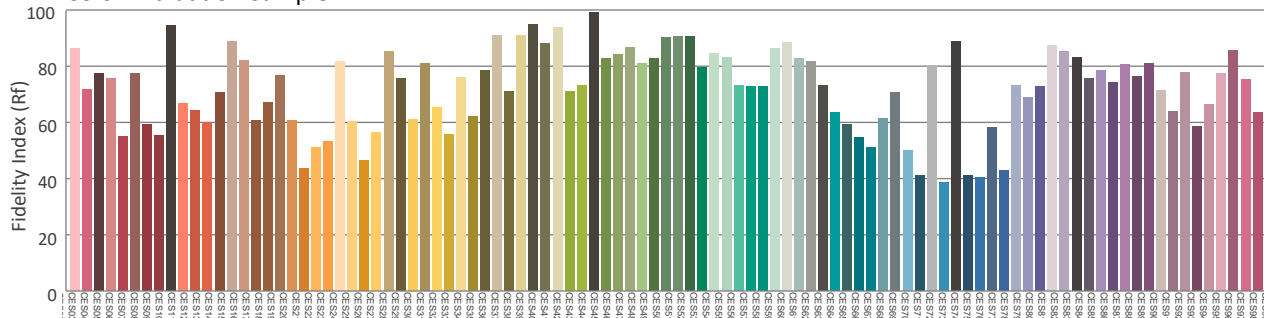
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - ECO

Report Summary

Measurements

Fixture Output: 17134 lm
Fixture Peak: 28310 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1132 lux
Color Temperature: 6464 K
CRI: 72.1 CRI R9 Value: -27.5
CQS: 69.5
TLCI: 49
TM-30 Rf: 72.1
TM-30 Rg: 94.3
Beam Angle (50%): 51.7°
Field Angle (10%): 55.5°
Cutoff Angle (3%): 58.5°

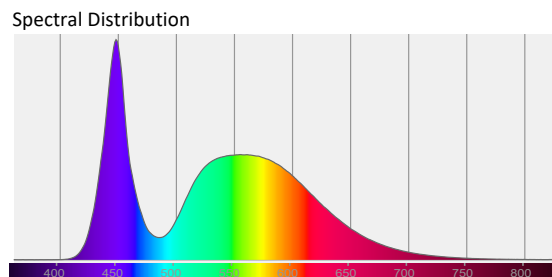
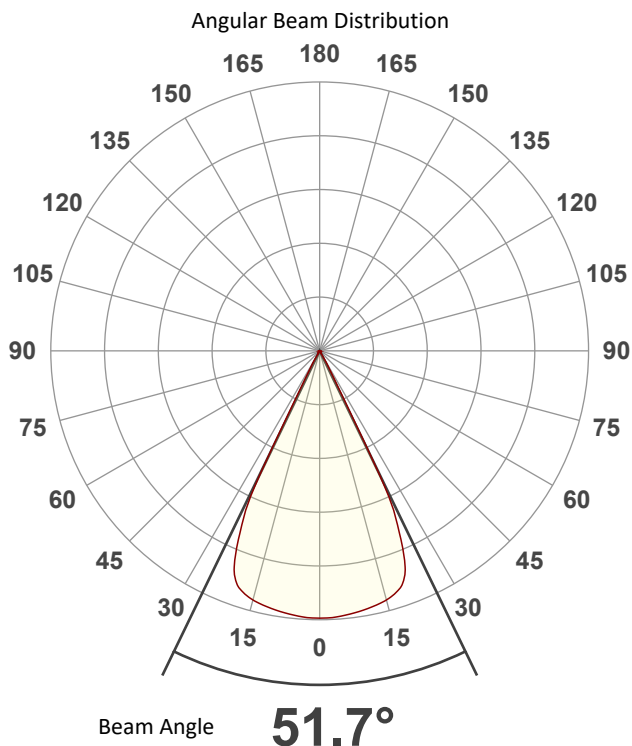
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

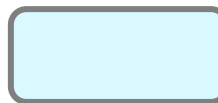
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.326



Light Quality

CRI: 72.1

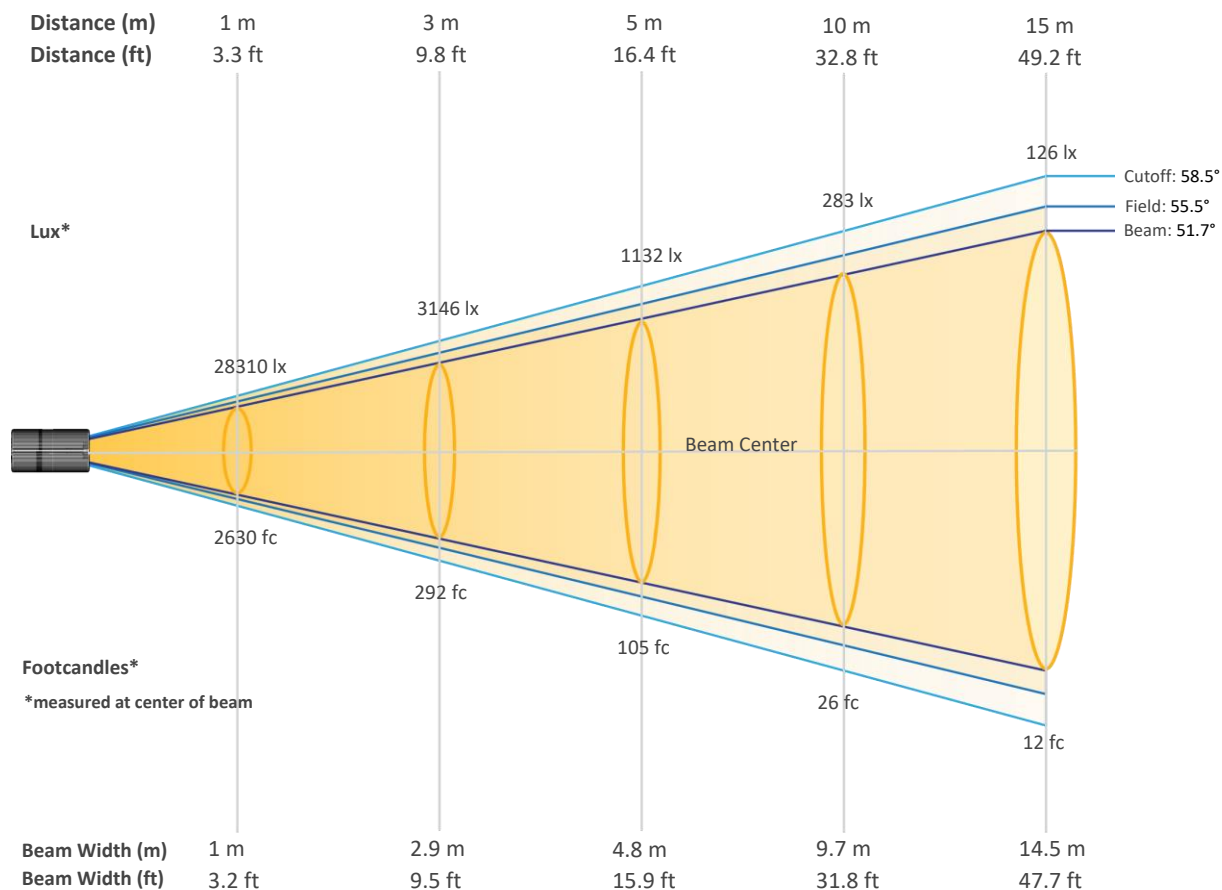
Color Temperature

6464 K

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - ECO

Beam Details

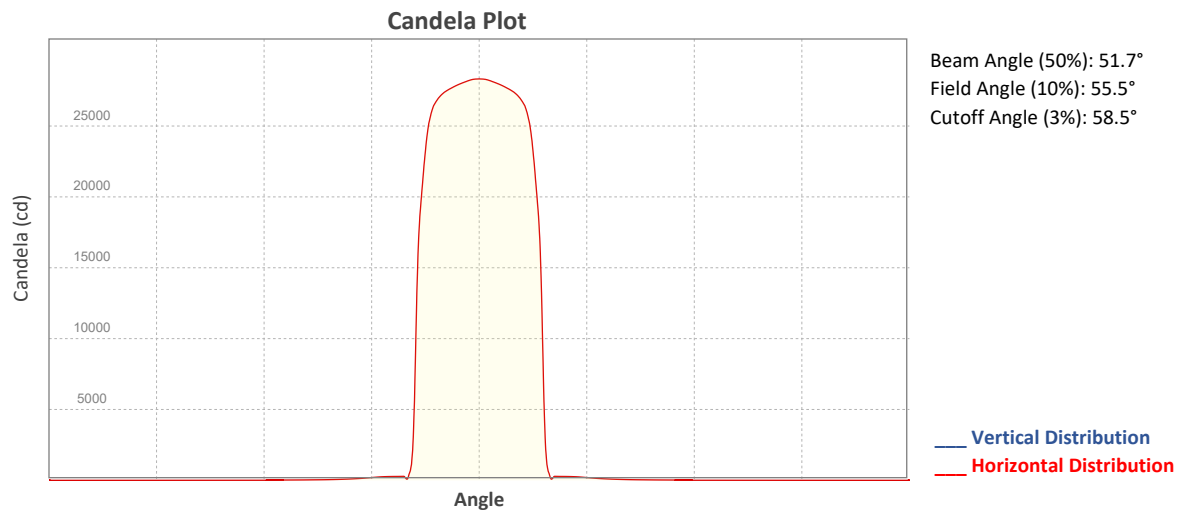


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28310	7078	3146	1769	1132	786	578	442	350	283
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	234	197	168	144	126	111	98	87	78	71
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2630	658	292	164	105	73	54	41	32	26
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	18	16	13	12	10	9	8	7	7

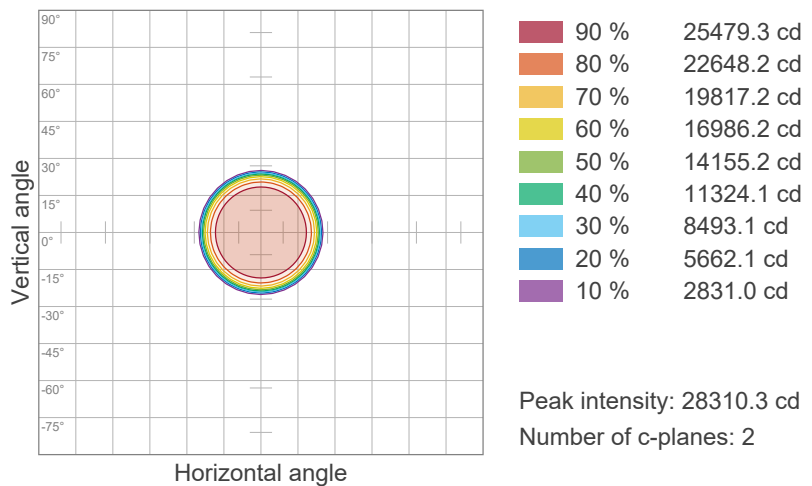
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - ECO

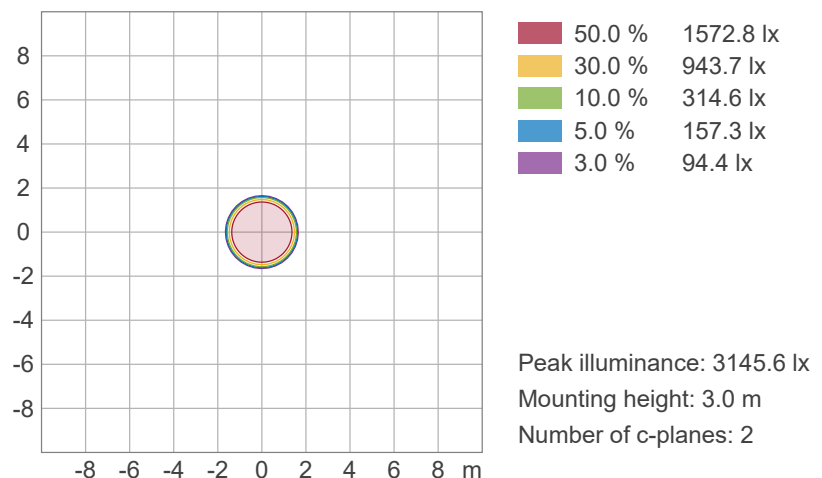


ISO Diagrams

ISO Candela Diagram



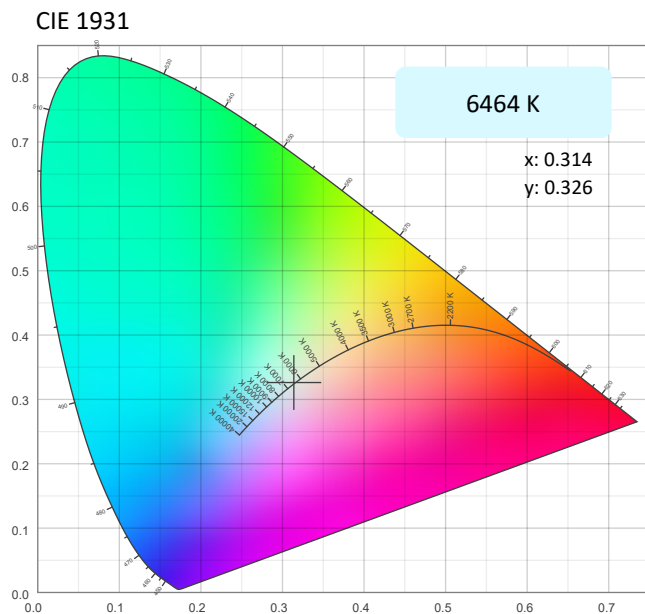
ISO Lux Diagram



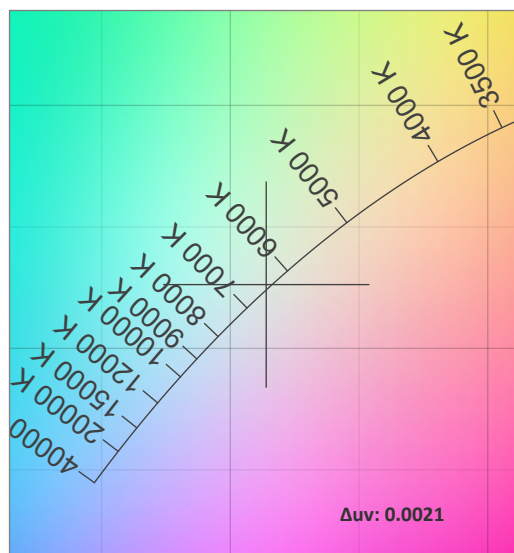
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - ECO

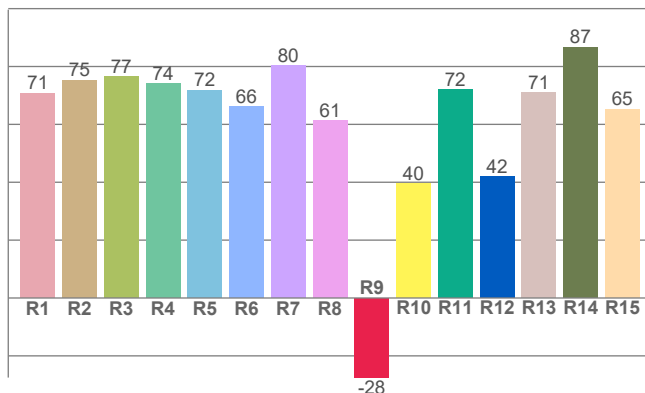
Chromaticity



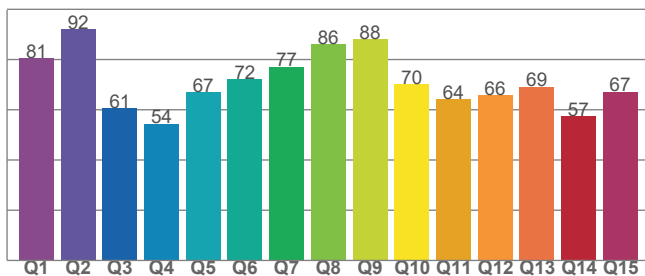
CIE 1931 - Zoom



CRI: 72.1 (R1-R8)



CQS: 69.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6464 K	0.314	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0021	0.326	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.1	-27.5	69.5

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

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - ECO

TM-30 Details

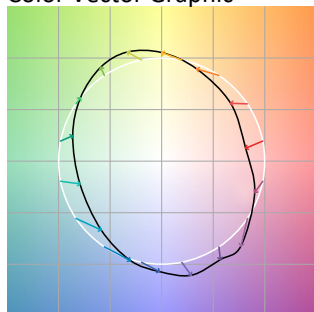
Rf 72.1

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

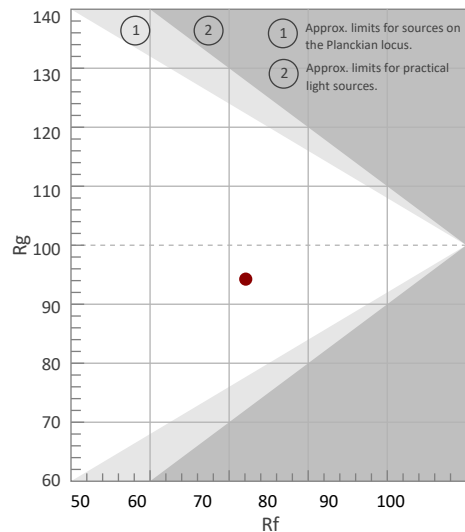
Color Vector Graphic



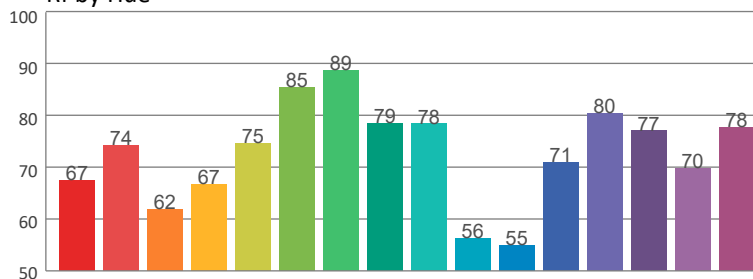
Color Distortion Graphic



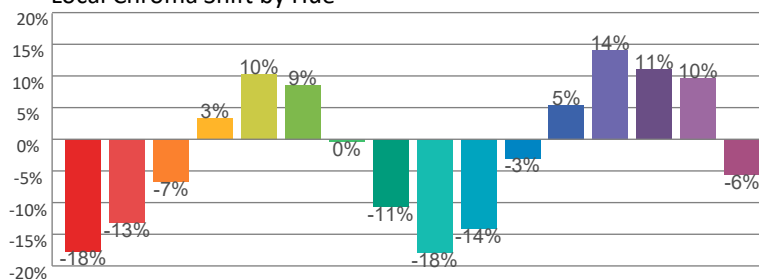
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	21%
5	75	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	6%
10	56	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	7%
14	77	11%	-6%
15	70	10%	-26%
16	78	-6%	-12%



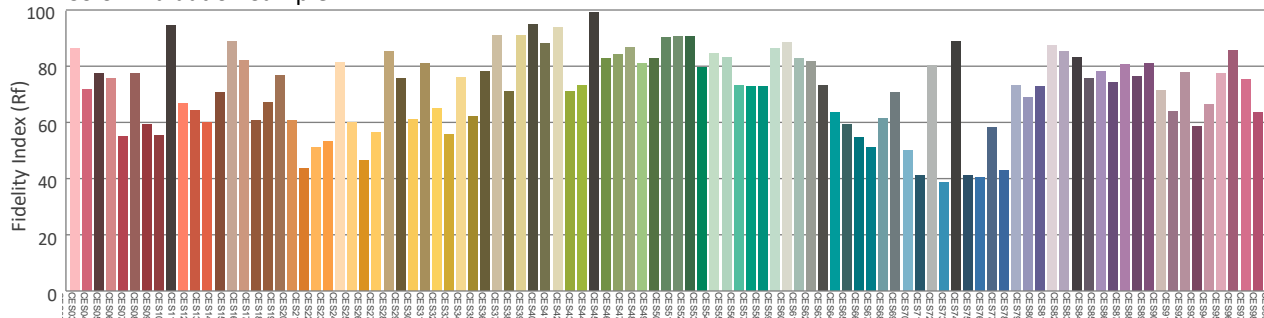
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV25

Report Summary

Measurements

Fixture Output: 10882 lm
Fixture Peak: 17923 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 716 lux
Color Temperature: 6389 K
CRI: 71.4 CRI R9 Value: -29.9
CQS: 69.2
TLCI: 49
TM-30 Rf: 71.5
TM-30 Rg: 94.5
Beam Angle (50%): 51.2°
Field Angle (10%): 56.1°
Cutoff Angle (3%): 58.9°

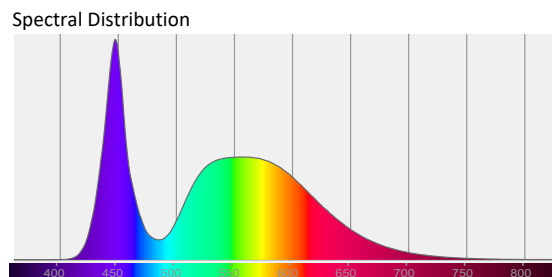
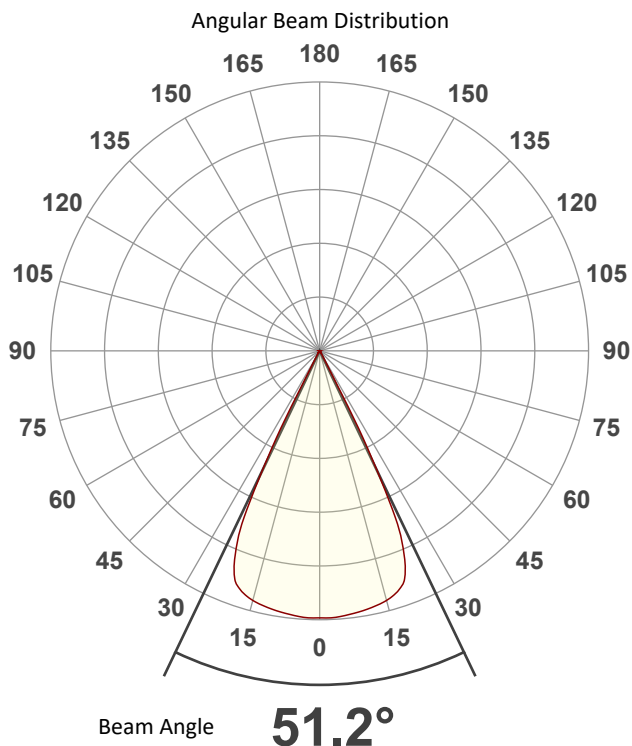
Conditions

AC Supply: 115 V, 60.1 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

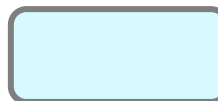
Overall Measurement



Tested Color (CIE 1931):

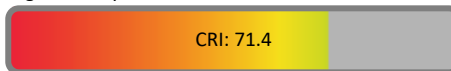
X: 0.315

Y: 0.328



Light Quality

CRI: 71.4



Color Temperature

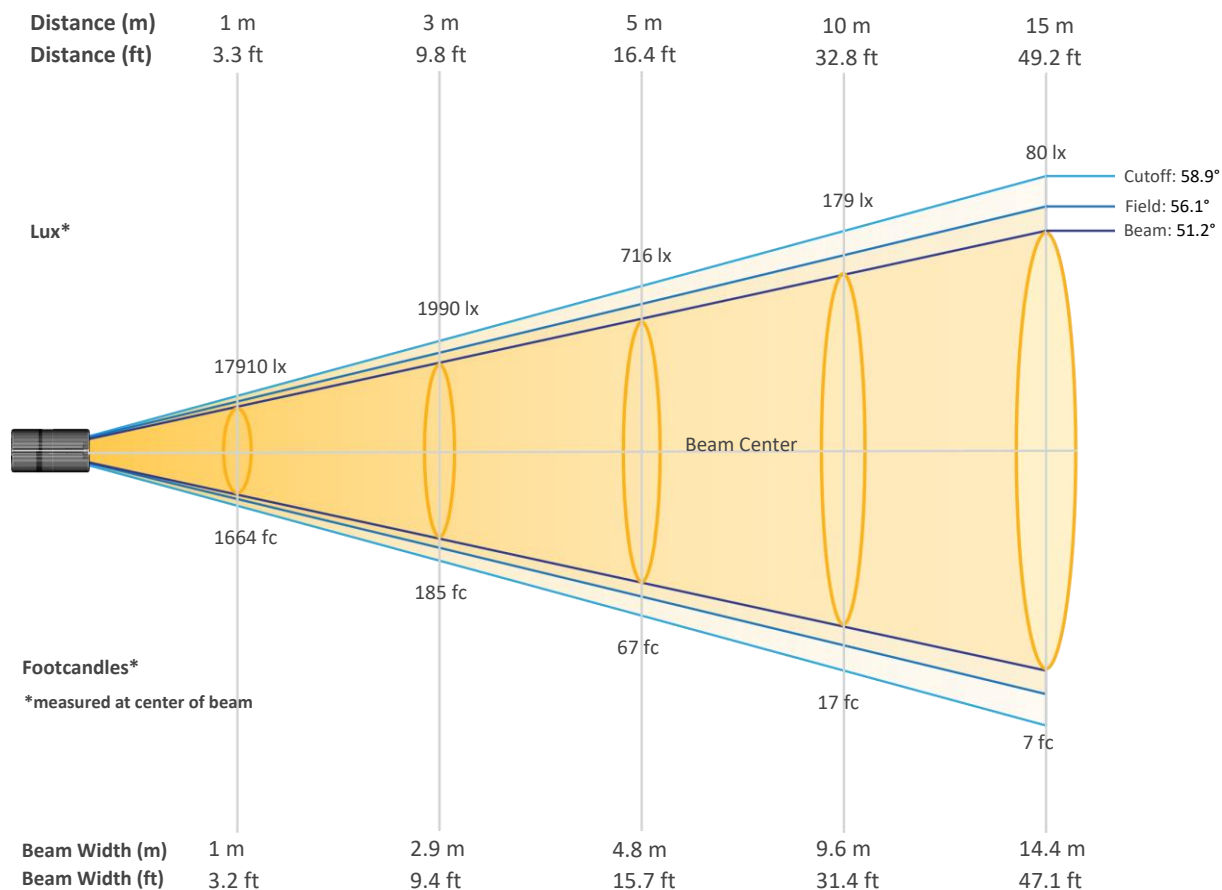
6389 K



Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV25

Beam Details

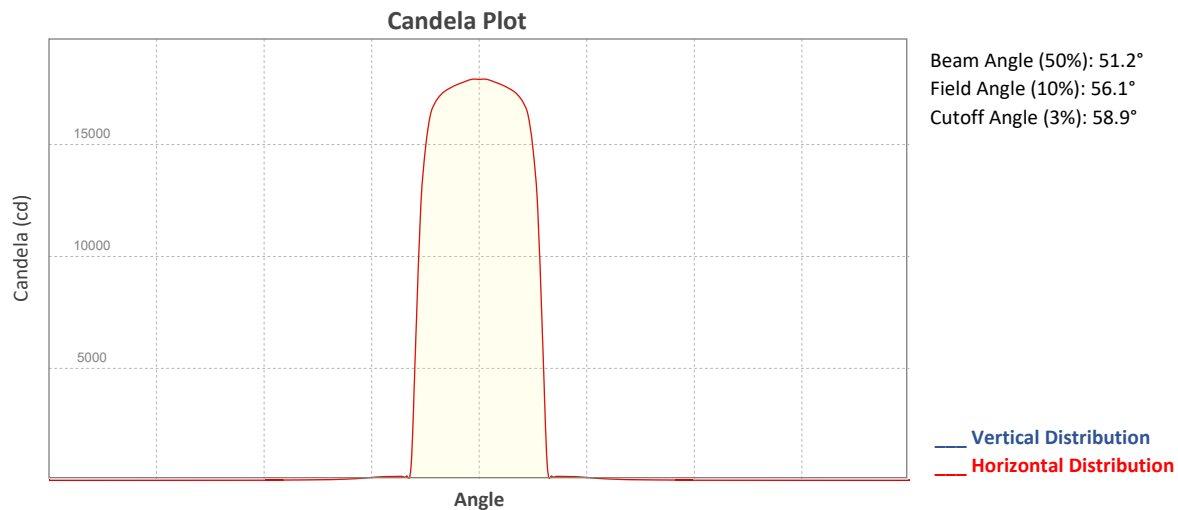


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17910	4477	1990	1119	716	497	366	280	221	179
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	148	124	106	91	80	70	62	55	50	45
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1664	416	185	104	67	46	34	26	21	17
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	14	12	10	8	7	6	6	5	5	4

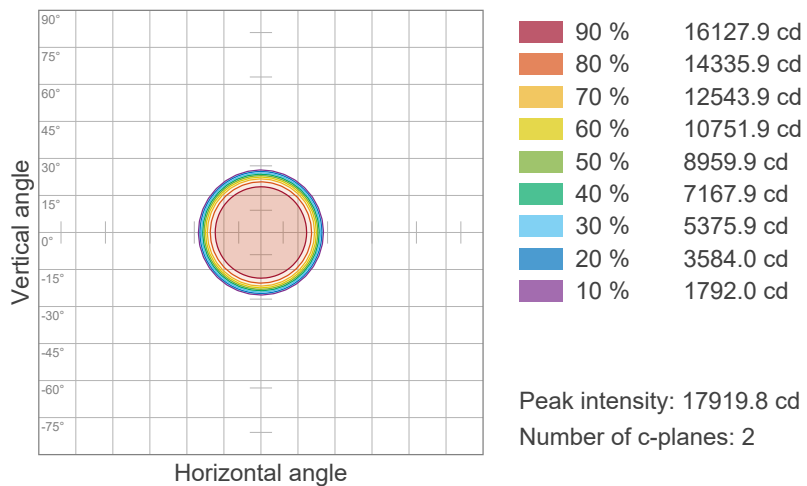
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV25

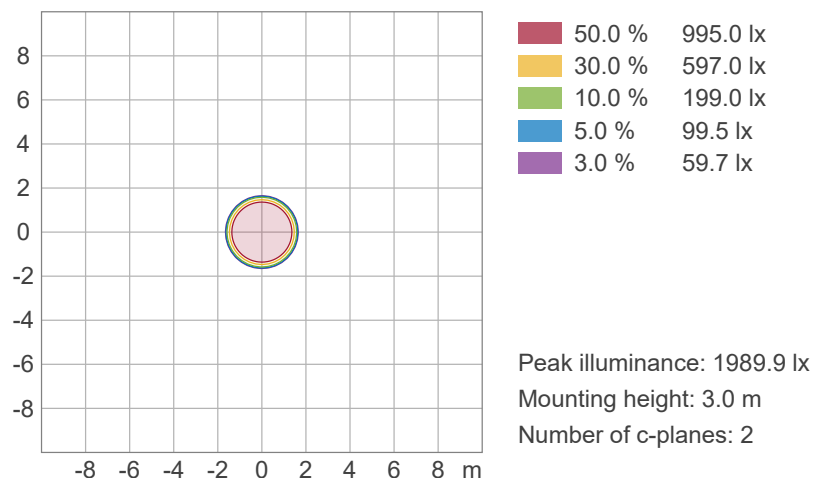


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

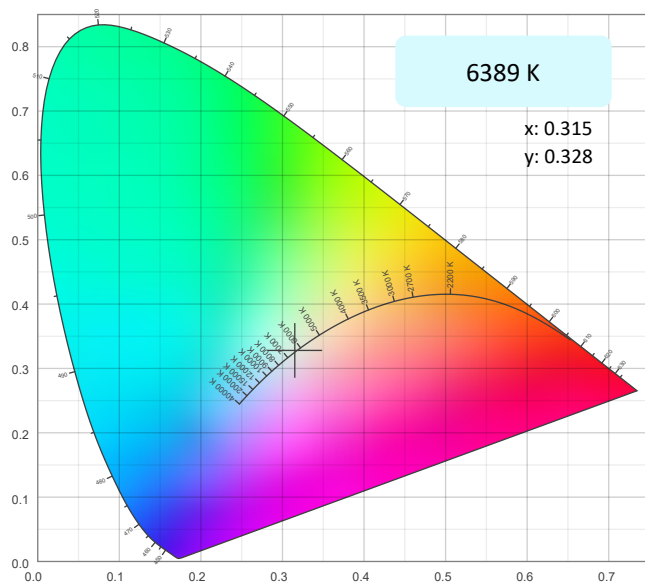


Photometric & Chromaticity Report

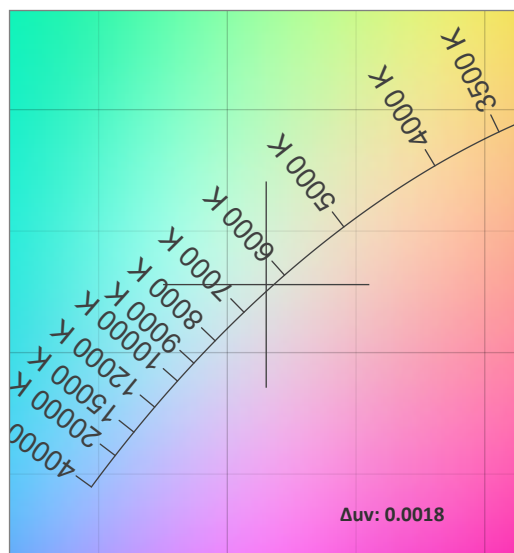
Maverick Force X Spot: Full Flood-Full Power - TV25

Chromaticity

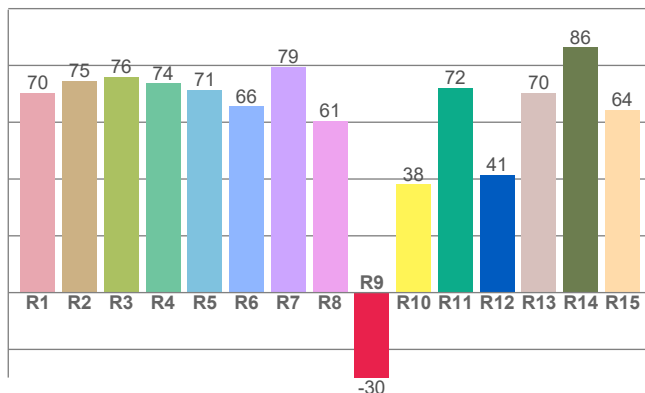
CIE 1931



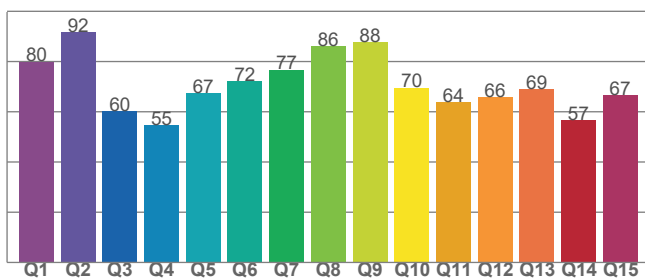
CIE 1931 - Zoom



CRI: 71.4 (R1-R8)



CQS: 69.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6389 K	0.315	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0018	0.328	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.4	-29.9	69.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.5	94.5

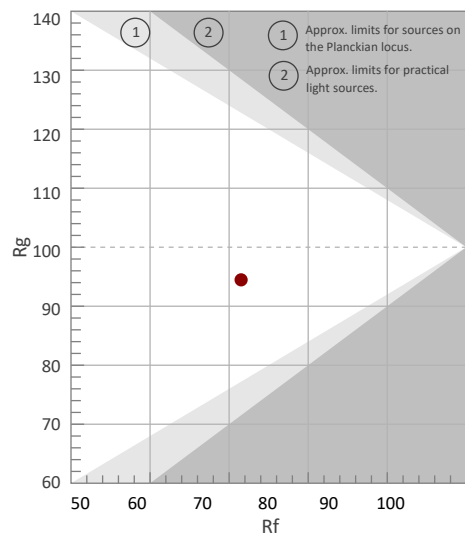
Maverick Force X Spot: Full Flood-Full Power - TV25

Rf 71.5
Fidelity Index
(Rg)

Fidelity Index
(Rg)

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	61	-7%	22%
4	66	4%	21%
5	73	11%	13%
6	84	9%	-1%
7	88	0%	-8%
8	78	-10%	-8%
9	78	-18%	5%
10	56	-15%	22%
11	54	-3%	29%
12	70	5%	19%
13	80	14%	7%
14	76	12%	-6%
15	70	10%	-26%
16	77	-5%	-13%



Social Media Platform	Percentage (%)
Facebook	67
WhatsApp	74
Messenger	61
Instagram	66
YouTube	73
Twitter	84
LinkedIn	88
Others	78
Others	78
Others	56
Others	54
Others	70
Others	80
Others	76
Others	77

Race	Percentage Change
Black	-18%
Hispanic	-13%
Asian	-7%
White	4%
Other	11%
Black	9%
Hispanic	0%
Asian	-10%
White	-18%
Other	-15%
Black	-3%
Hispanic	5%
Asian	14%
White	12%
Other	10%
Black	-5%

Figure 10: Fidelity Index (Rf) for various quantum circuits. The chart displays the fidelity index for 60 different circuit configurations, grouped by color. The y-axis represents the Fidelity Index (Rf) from 0 to 100. The x-axis labels the circuits, such as 30-|S0>, 31-|S1>, 32-|S2>, etc. The fidelity index generally increases from left to right, with many circuits reaching a fidelity index of 80 or higher.

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV35

Report Summary

Measurements

Fixture Output: 9143 lm

Fixture Peak: 15047 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 601 lux

Color Temperature: 6365 K

CRI: 71.2 CRI R9 Value: -30.7

CQS: 69.2

TLCI: 48

TM-30 Rf: 71.4

TM-30 Rg: 94.5

Beam Angle (50%): 51.4°

Field Angle (10%): 55.9°

Cutoff Angle (3%): 58.3°

Conditions

AC Supply: 115 V, 60 Hz

Power: 0.0 W

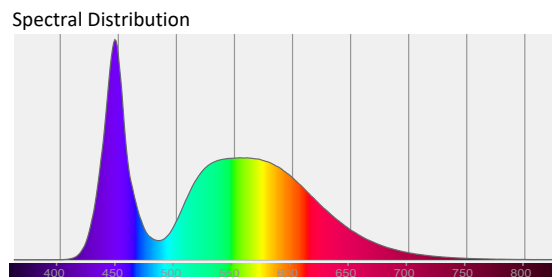
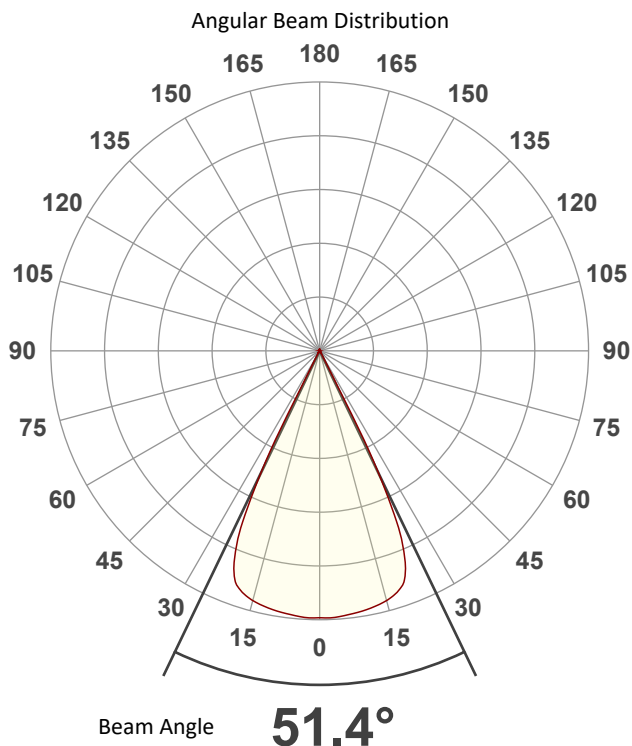
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

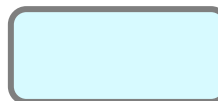
Overall Measurement



Tested Color (CIE 1931):

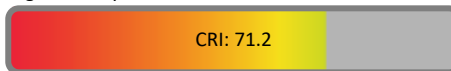
X: 0.315

Y: 0.329



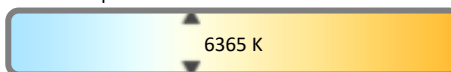
Light Quality

CRI: 71.2



Color Temperature

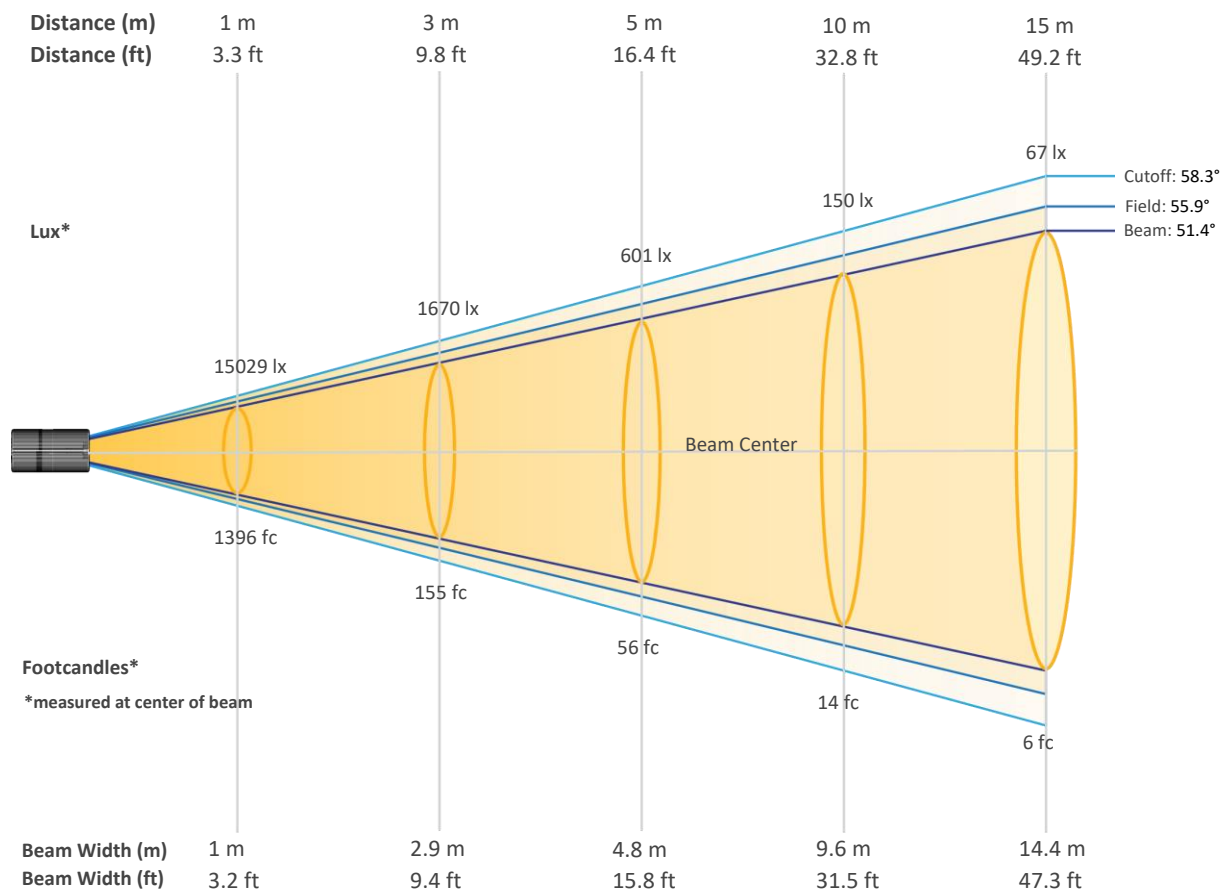
6365 K



Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV35

Beam Details

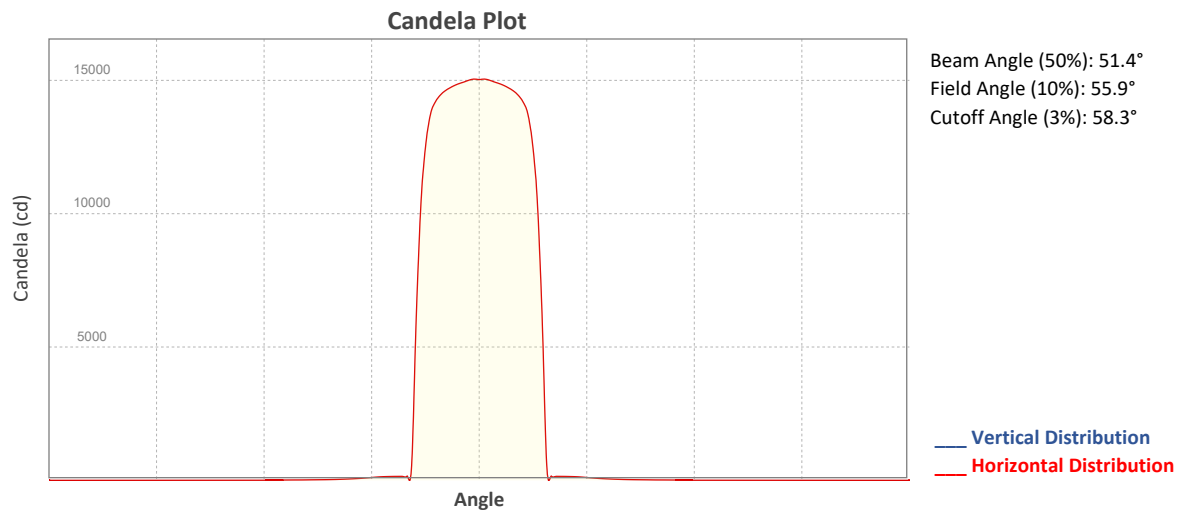


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15029	3757	1670	939	601	417	307	235	186	150
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	124	104	89	77	67	59	52	46	42	38
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1396	349	155	87	56	39	28	22	17	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	5	5	4	4	3

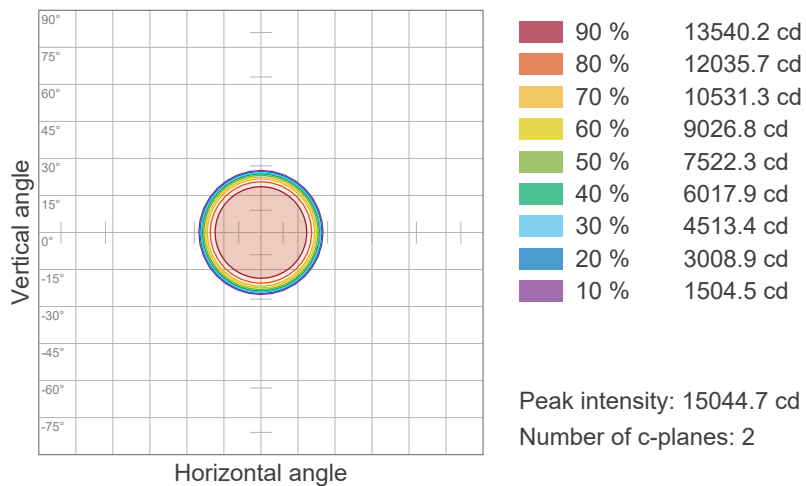
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV35

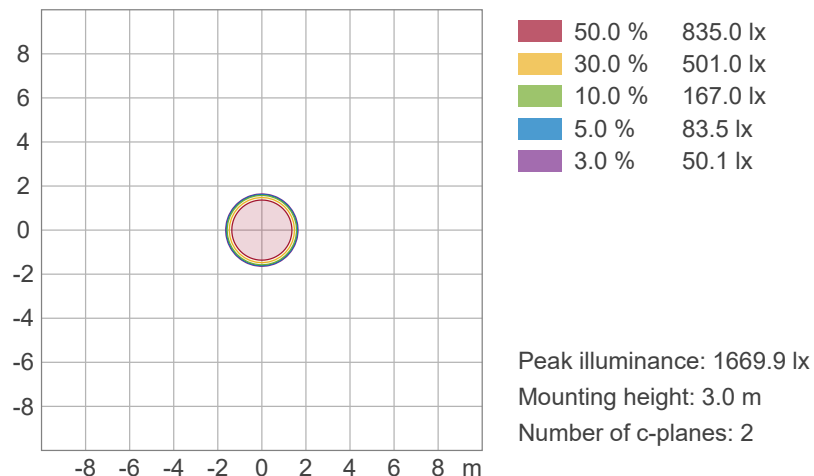


ISO Diagrams

ISO Candela Diagram



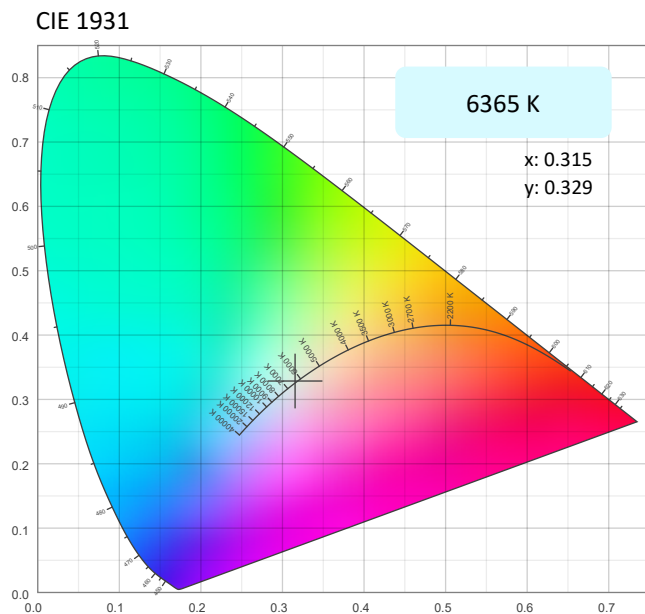
ISO Lux Diagram



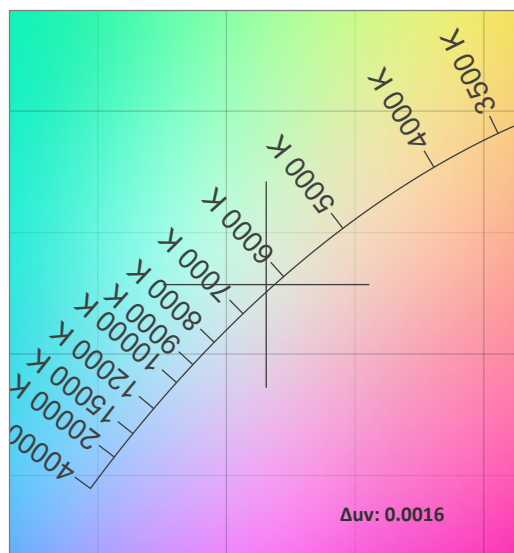
Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV35

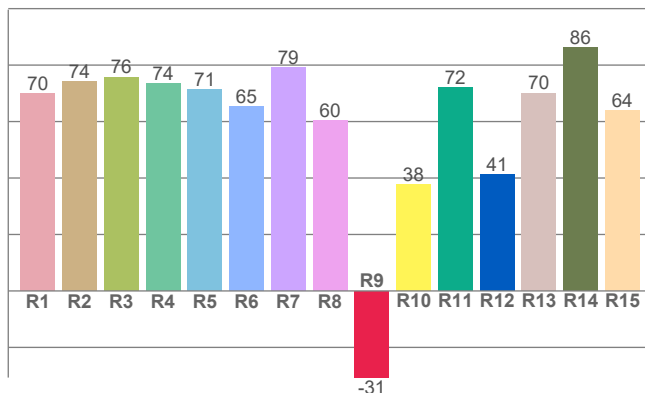
Chromaticity



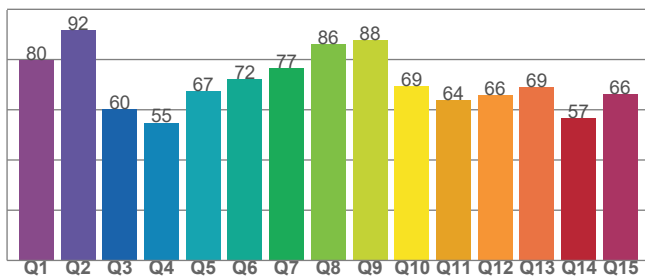
CIE 1931 - Zoom



CRI: 71.2 (R1-R8)



CQS: 69.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6365 K	0.315	0.329

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.329	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.2	-30.7	69.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
48	71.4	94.5

Photometric & Chromaticity Report

Maverick Force X Spot: Full Flood-Full Power - TV35

TM-30 Details

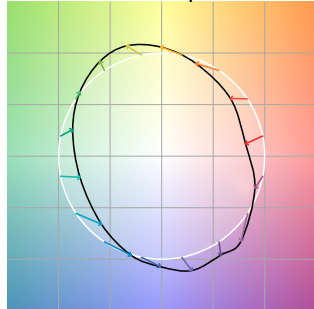
Rf 71.4

Fidelity Index
(Rg)

Rg 94.5

Gammut Index (Rg)

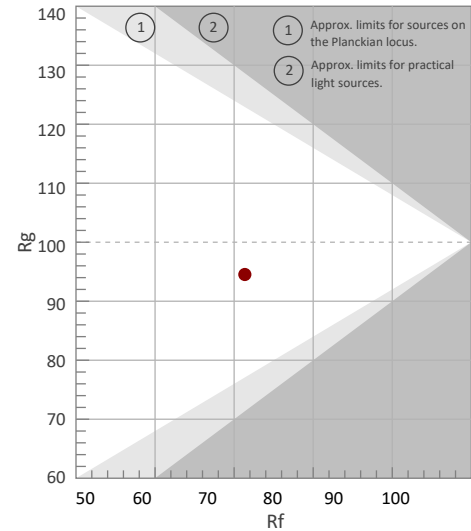
Color Vector Graphic



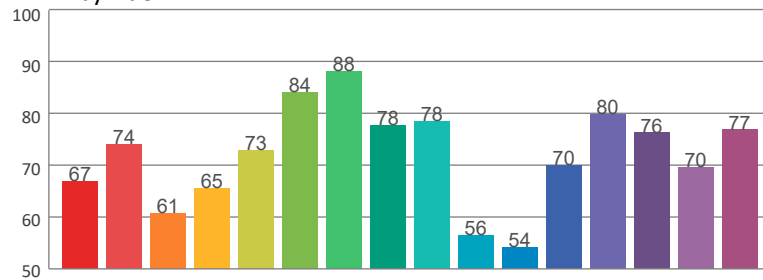
Color Distortion Graphic



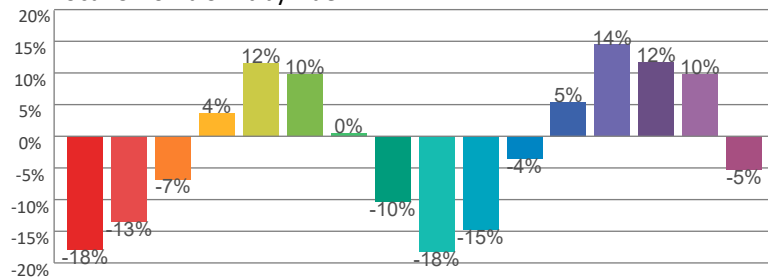
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	10%
3	61	-7%	22%
4	65	4%	21%
5	73	12%	13%
6	84	10%	-1%
7	88	0%	-8%
8	78	-10%	-8%
9	78	-18%	5%
10	56	-15%	22%
11	54	-4%	29%
12	70	5%	20%
13	80	14%	7%
14	76	12%	-6%
15	70	10%	-26%
16	77	-5%	-13%



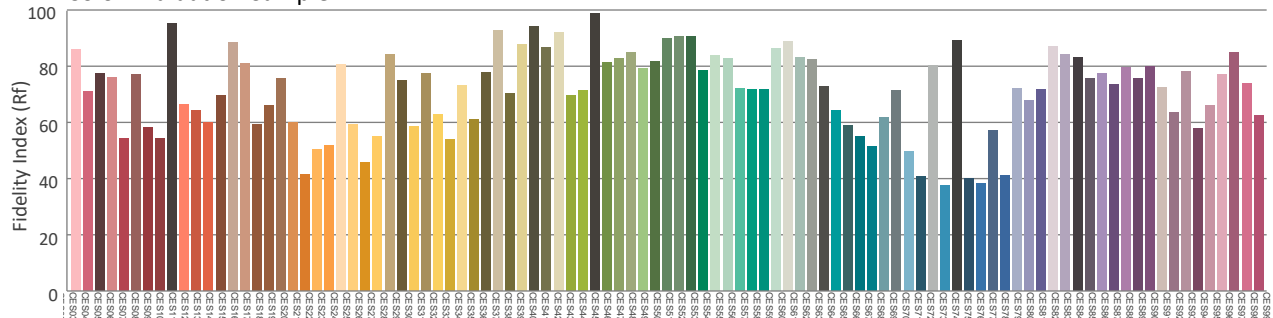
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 7106 lm

Fixture Peak: 2327104 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 93084 lux

Color Temperature: 6390 K

CRI: 72.2 CRI R9 Value: -27.6

CQS: 69.7

TLCI: 50

TM-30 Rf: 72.5

TM-30 Rg: 94.1

Beam Angle (50%): 3.5°

Field Angle (10%): 3.7°

Cutoff Angle (3%): 3.9°

Conditions

AC Supply: 114 V, 60.1 Hz

Power: 0.0 W

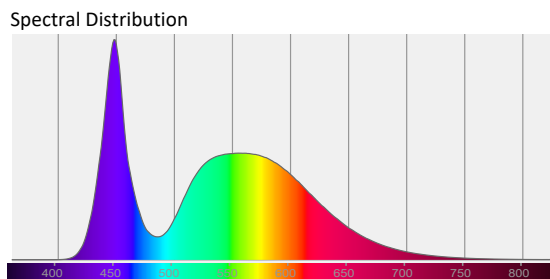
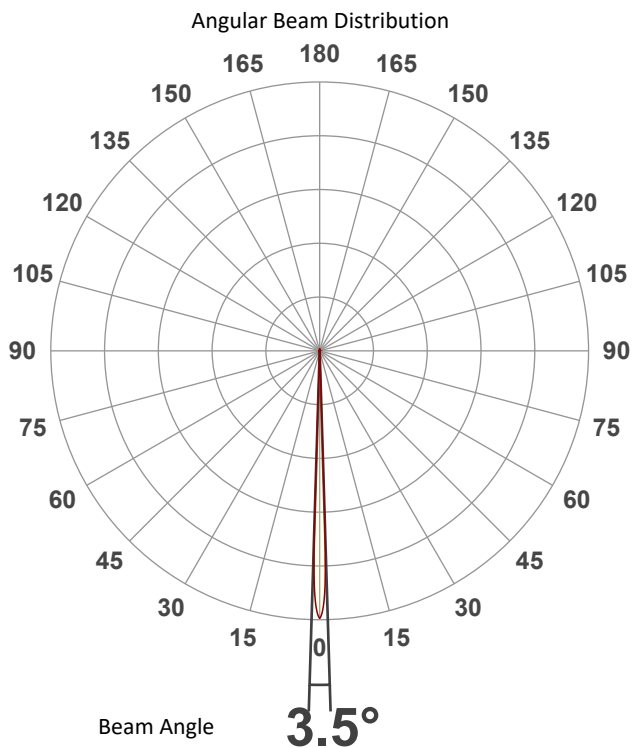
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

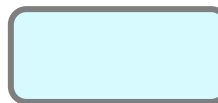
Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.328



Light Quality

CRI: 72.2

Color Temperature

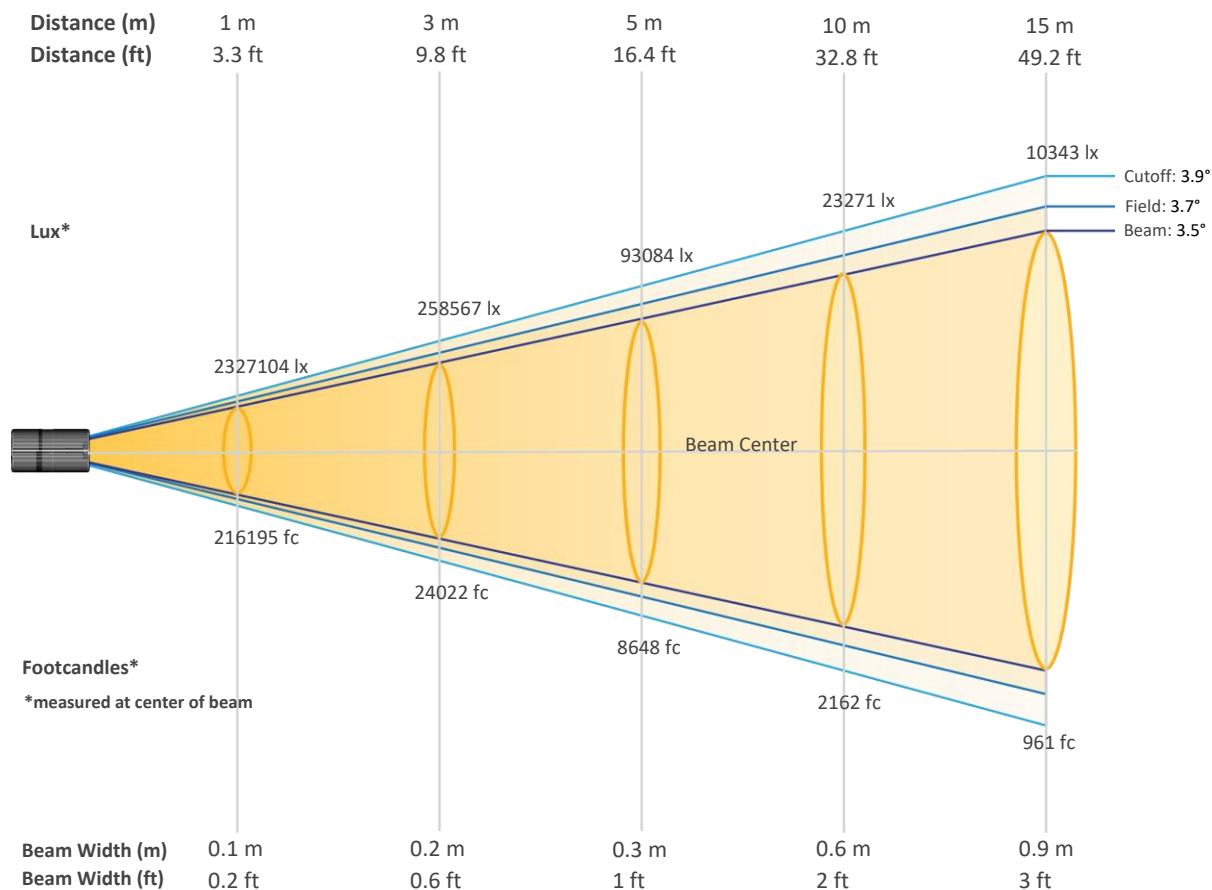
6390 K



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot - Full Power

Beam Details

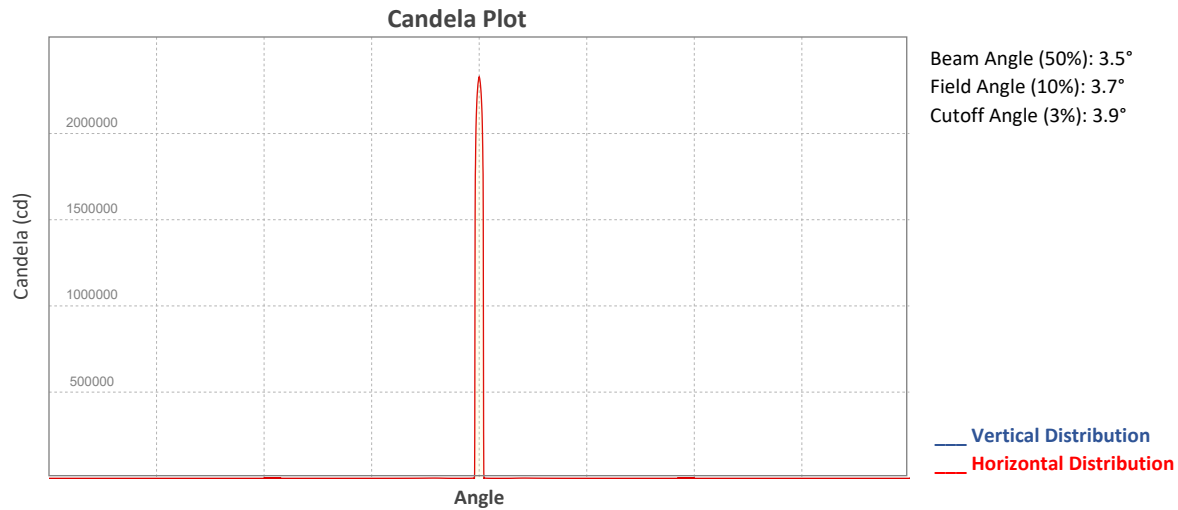


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2327104	581776	258567	145444	93084	64642	47492	36361	28730	23271
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	19232	16160	13770	11873	10343	9090	8052	7182	6446	5818
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	216195	54049	24022	13512	8648	6005	4412	3378	2669	2162
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1787	1501	1279	1103	961	845	748	667	599	540

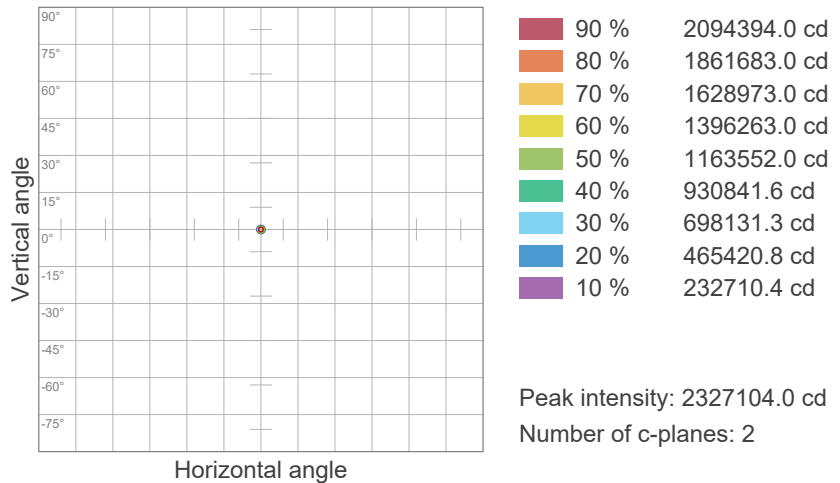
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot - Full Power

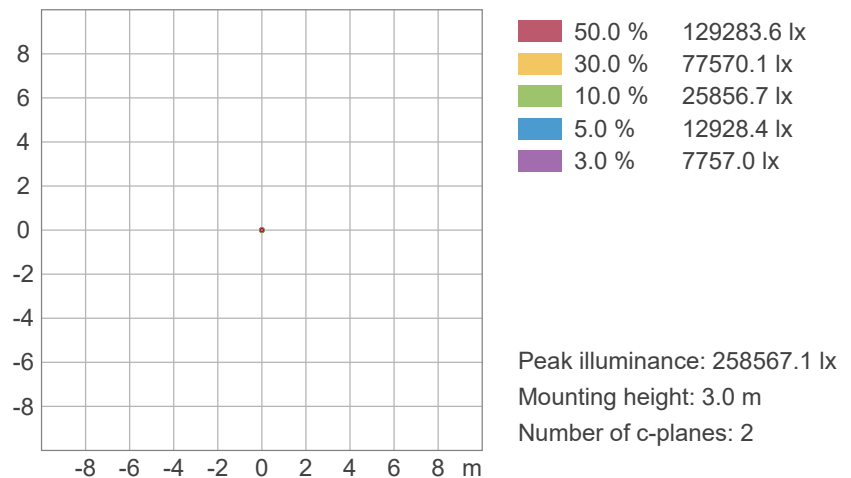


ISO Diagrams

ISO Candela Diagram



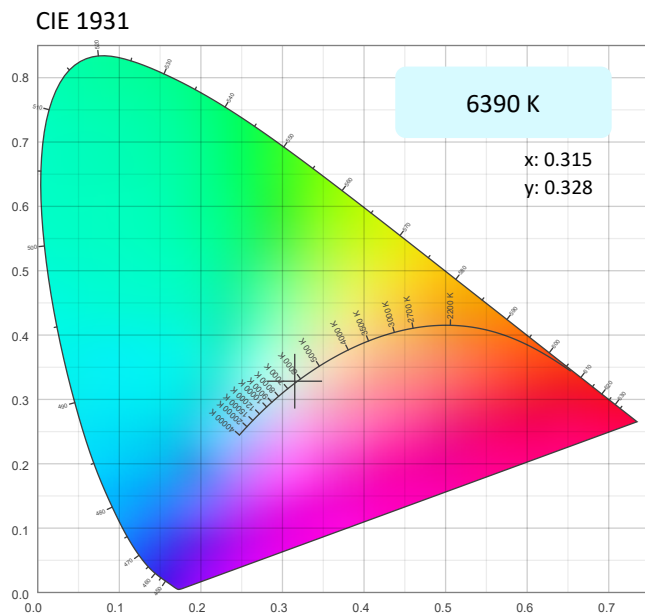
ISO Lux Diagram



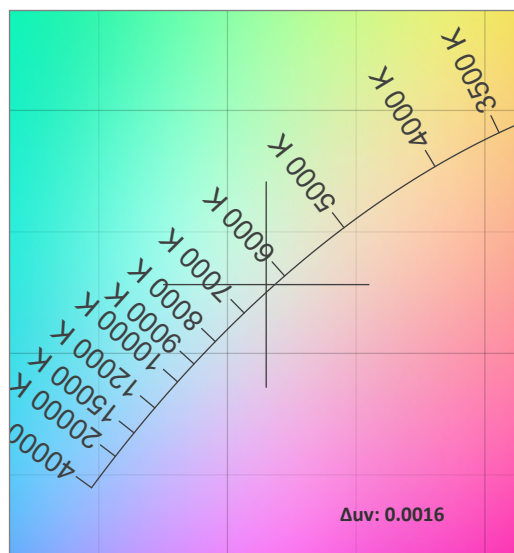
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot - Full Power

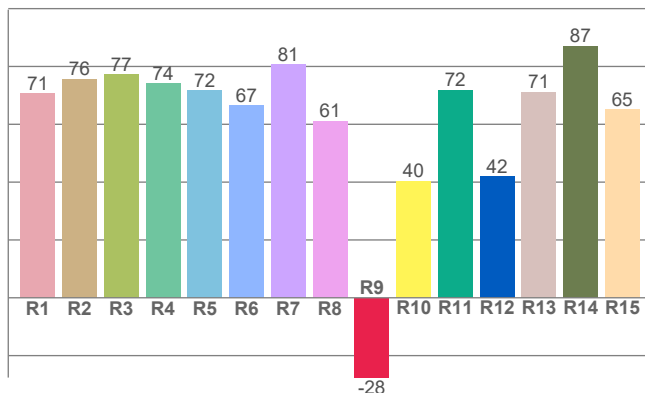
Chromaticity



CIE 1931 - Zoom



CRI: 72.2 (R1-R8)

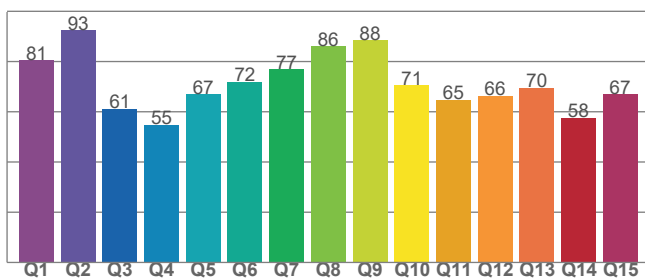


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6390 K	0.315	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.328	0.200

CQS: 69.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.2	-27.6	69.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.5	94.1

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot - Full Power

TM-30 Details

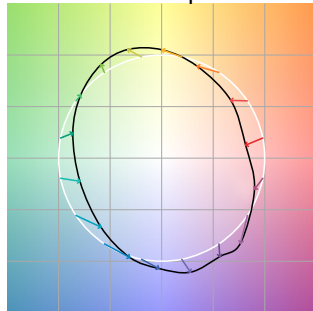
Rf 72.5

Fidelity Index
(Rg)

Rg 94.1

Gammut Index (Rg)

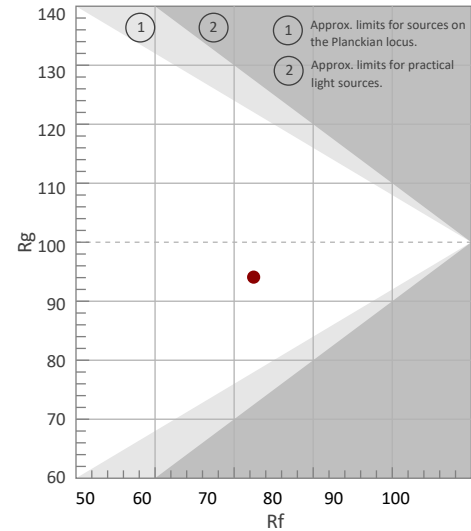
Color Vector Graphic



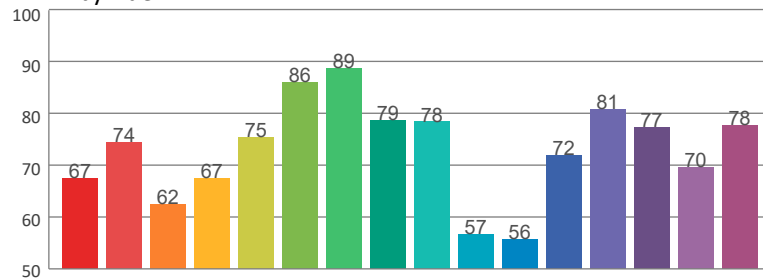
Color Distortion Graphic



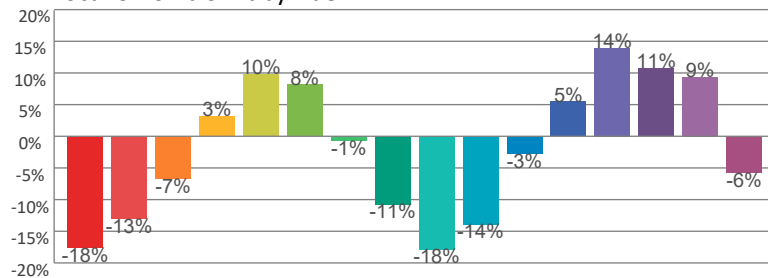
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	86	8%	-2%
7	89	-1%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	57	-14%	23%
11	56	-3%	28%
12	72	5%	18%
13	81	14%	6%
14	77	11%	-6%
15	70	9%	-26%
16	78	-6%	-12%



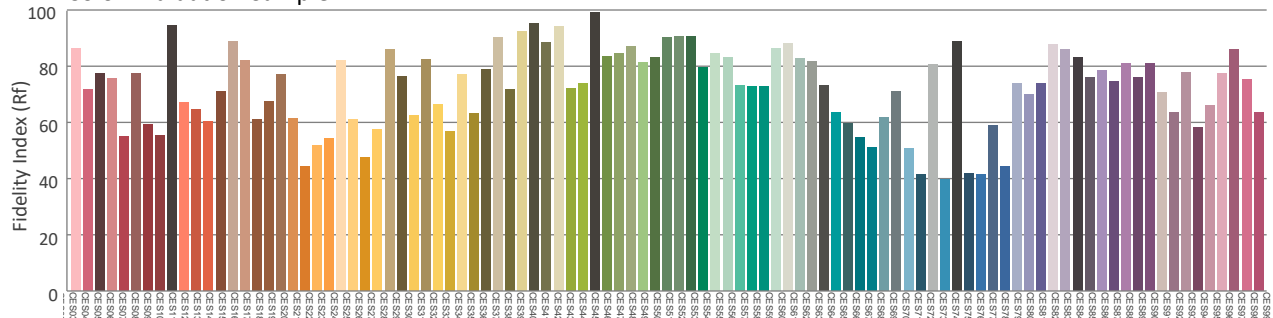
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - Auto

Report Summary

Measurements

Fixture Output: 6791 lm

Fixture Peak: 2297888 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 91916 lux

Color Temperature: 6414 K

CRI: 72.5 CRI R9 Value: -26.6

CQS: 69.8

TLCI: 50

TM-30 Rf: 72.7

TM-30 Rg: 94.0

Beam Angle (50%): 3.5°

Field Angle (10%): 3.8°

Cutoff Angle (3%): 3.9°

Conditions

AC Supply: 114 V, 60 Hz

Power: 0.0 W

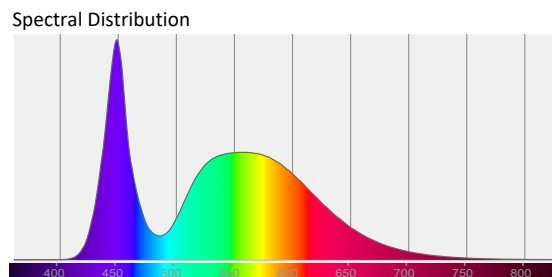
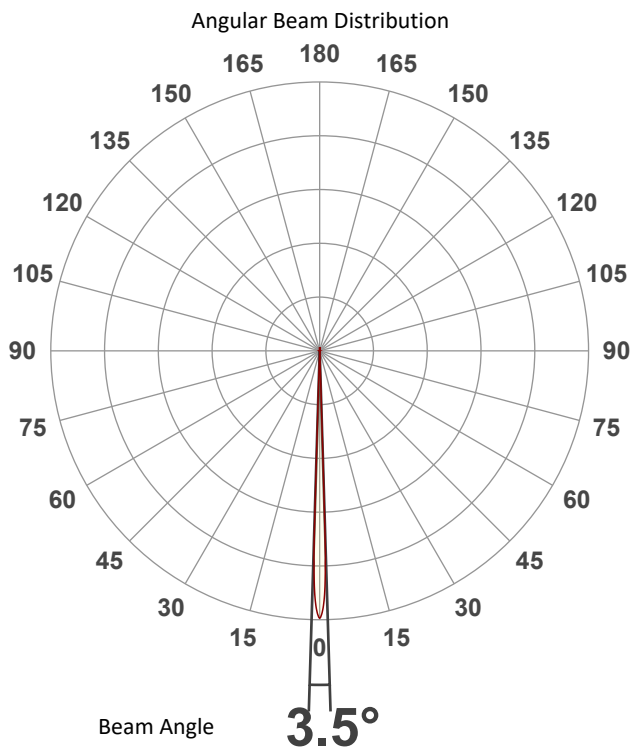
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

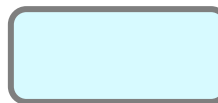
Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.328



Light Quality

CRI: 72.5

Color Temperature

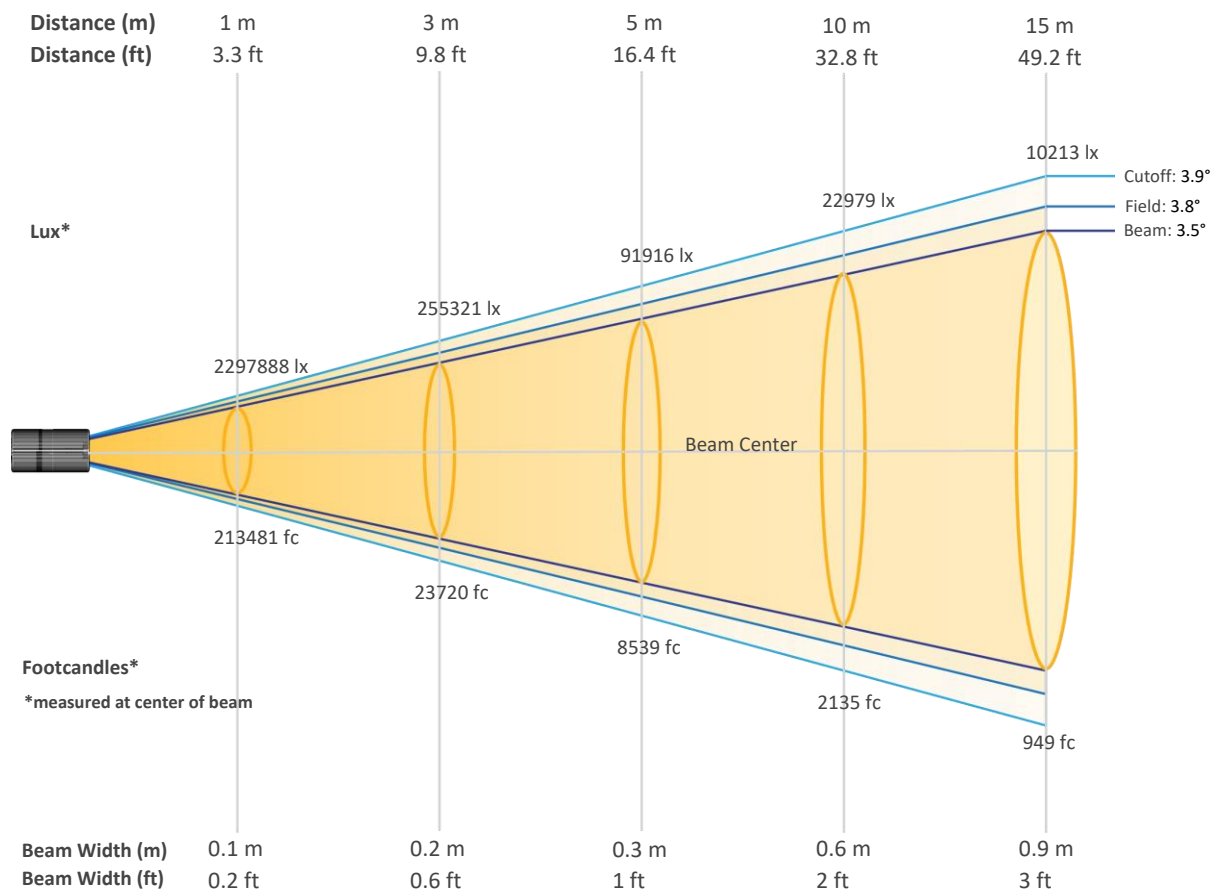
6414 K



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - Auto

Beam Details

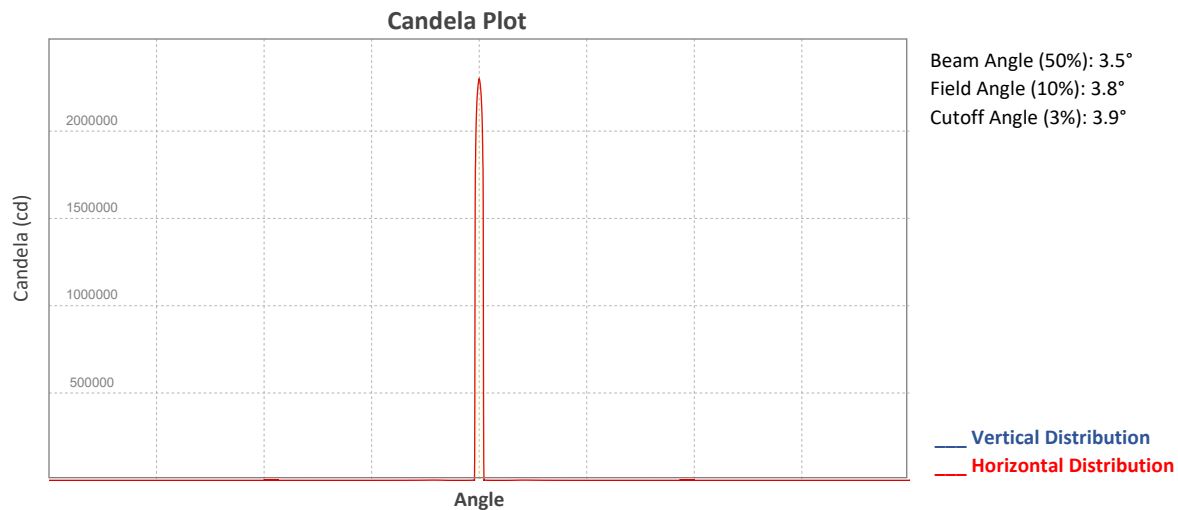


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2297888	574472	255321	143618	91916	63830	46896	35904	28369	22979
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	18991	15958	13597	11724	10213	8976	7951	7092	6365	5745
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	213481	53370	23720	13343	8539	5930	4357	3336	2636	2135
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1764	1483	1263	1089	949	834	739	659	591	534

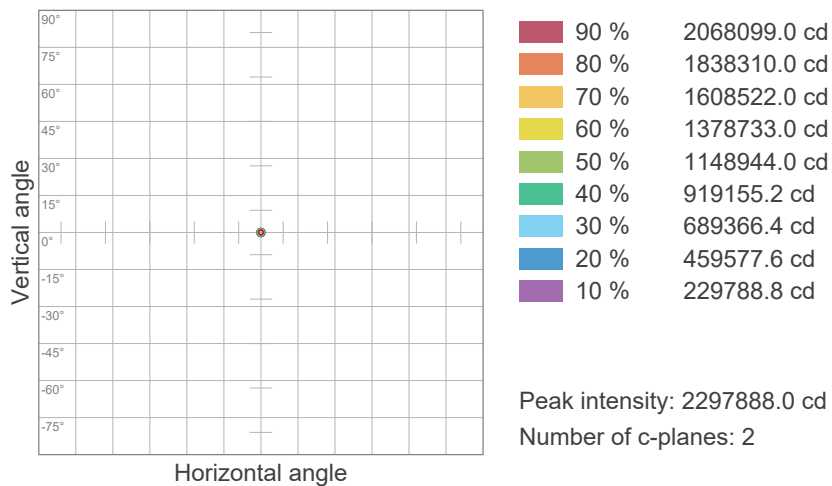
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - Auto

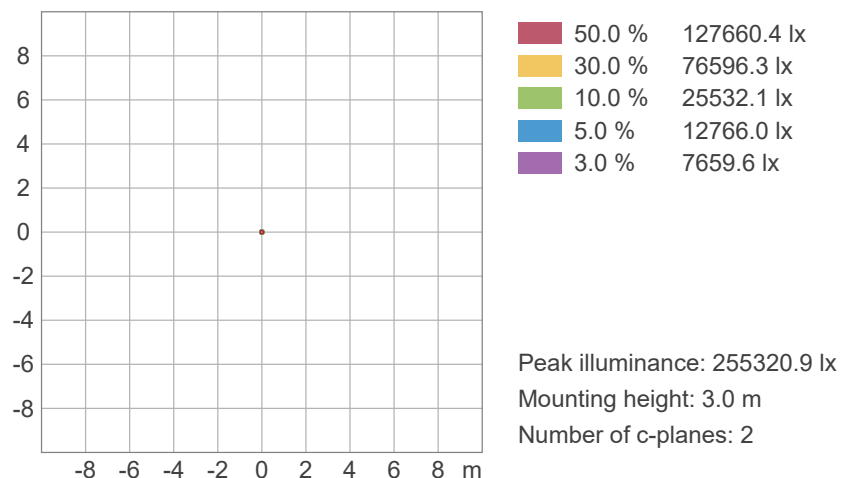


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

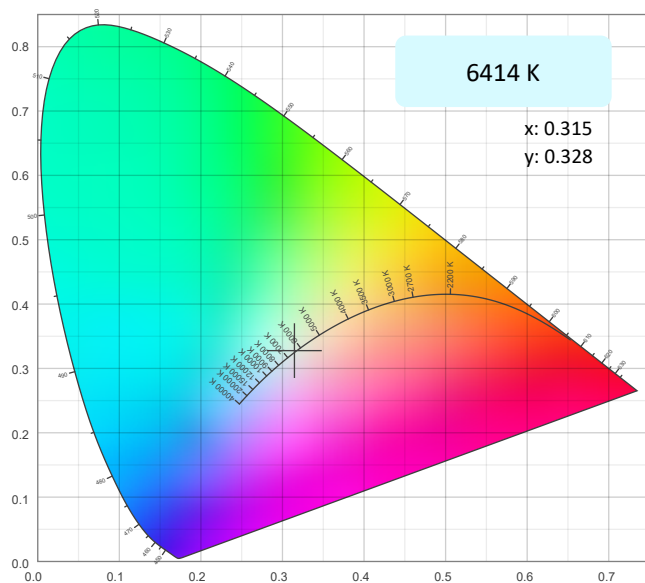


Photometric & Chromaticity Report

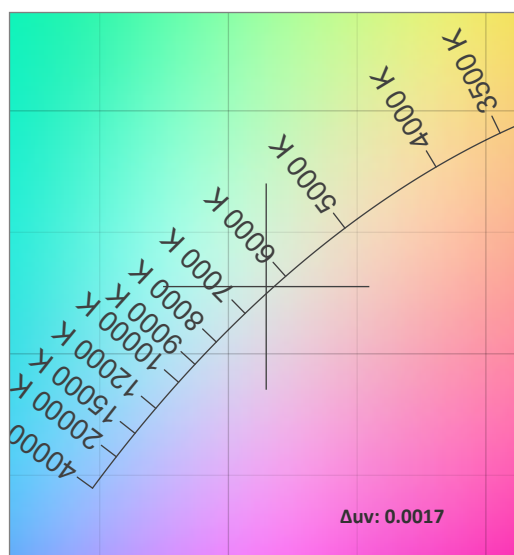
Maverick Force X Spot: Full Spot-Full Power - Auto

Chromaticity

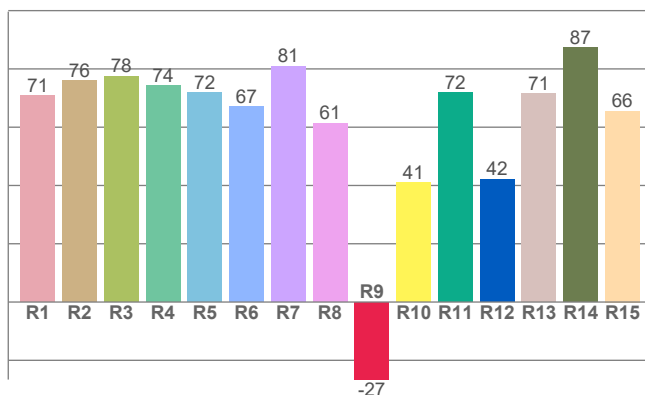
CIE 1931



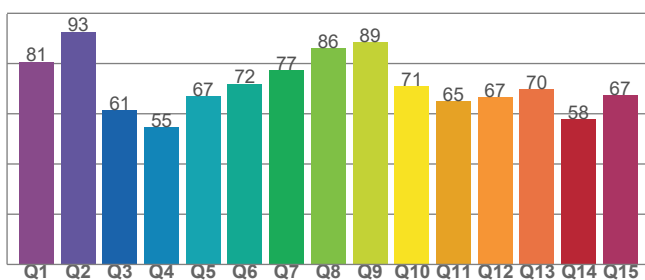
CIE 1931 - Zoom



CRI: 72.5 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6414 K	0.315	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0017	0.328	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.5	-26.6	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.7	94.0

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - Auto

TM-30 Details

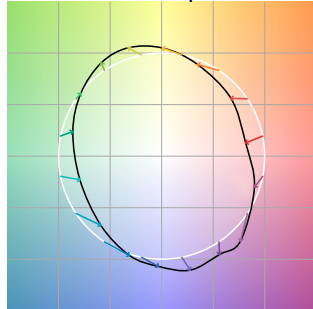
Rf 72.7

Fidelity Index
(Rg)

Rg 94.0

Gammut Index (Rg)

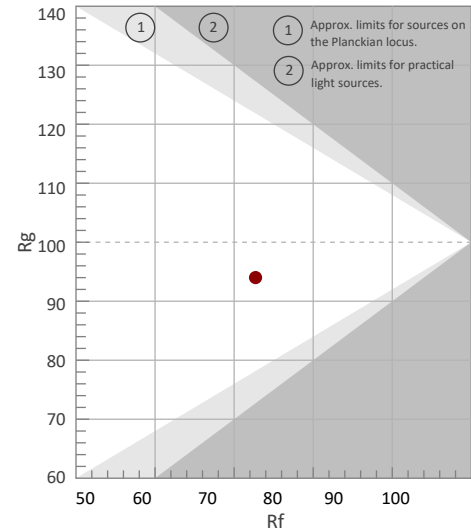
Color Vector Graphic



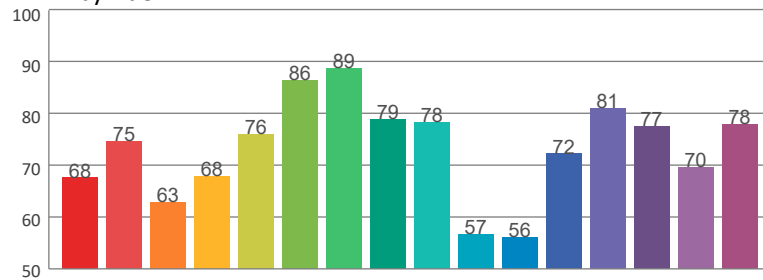
Color Distortion Graphic



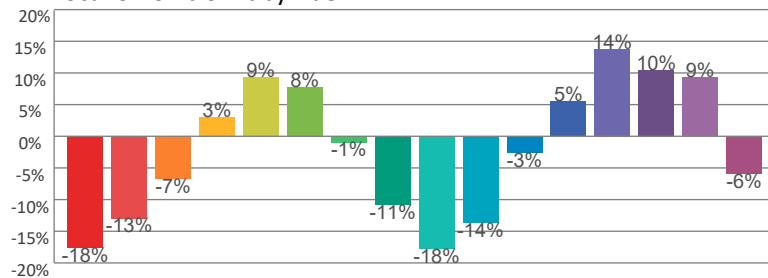
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-3%
2	75	-13%	9%
3	63	-7%	21%
4	68	3%	20%
5	76	9%	11%
6	86	8%	-2%
7	89	-1%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	57	-14%	23%
11	56	-3%	28%
12	72	5%	18%
13	81	14%	6%
14	77	10%	-6%
15	70	9%	-26%
16	78	-6%	-12%



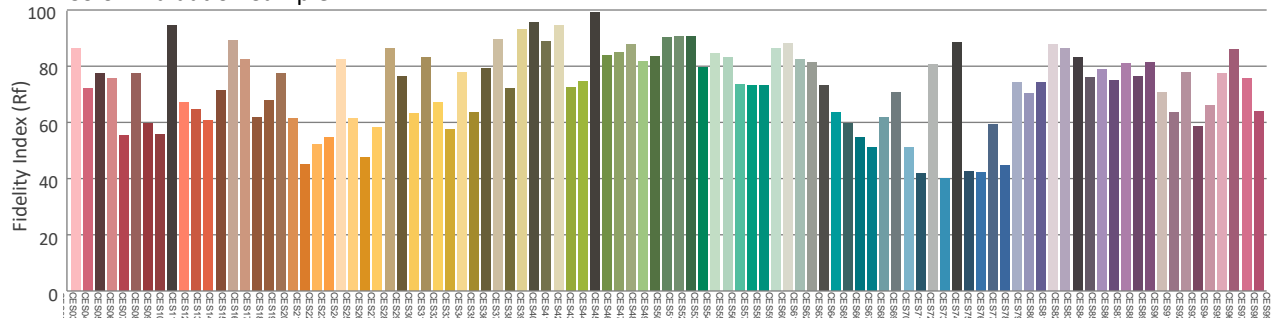
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - ECO

Report Summary

Measurements

Fixture Output: 6835 lm
Fixture Peak: 2288976 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 91559 lux
Color Temperature: 6435 K
CRI: 72.5 CRI R9 Value: -26.6
CQS: 69.9
TLCI: 50
TM-30 Rf: 72.8
TM-30 Rg: 94.0
Beam Angle (50%): 3.5°
Field Angle (10%): 3.7°
Cutoff Angle (3%): 3.8°

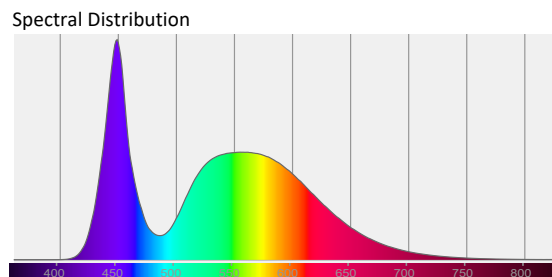
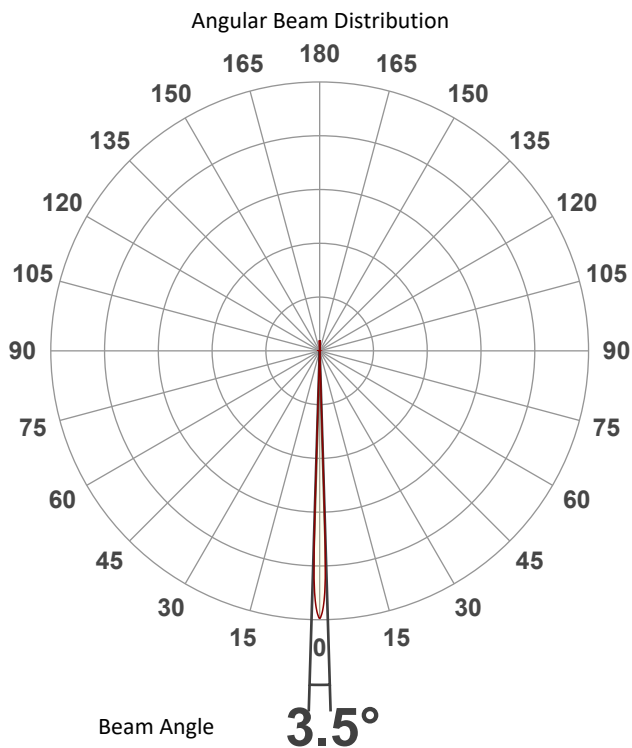
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

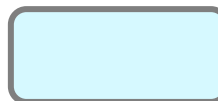
Overall Measurement



Tested Color (CIE 1931):

X: 0.314

Y: 0.327



Light Quality

CRI: 72.5

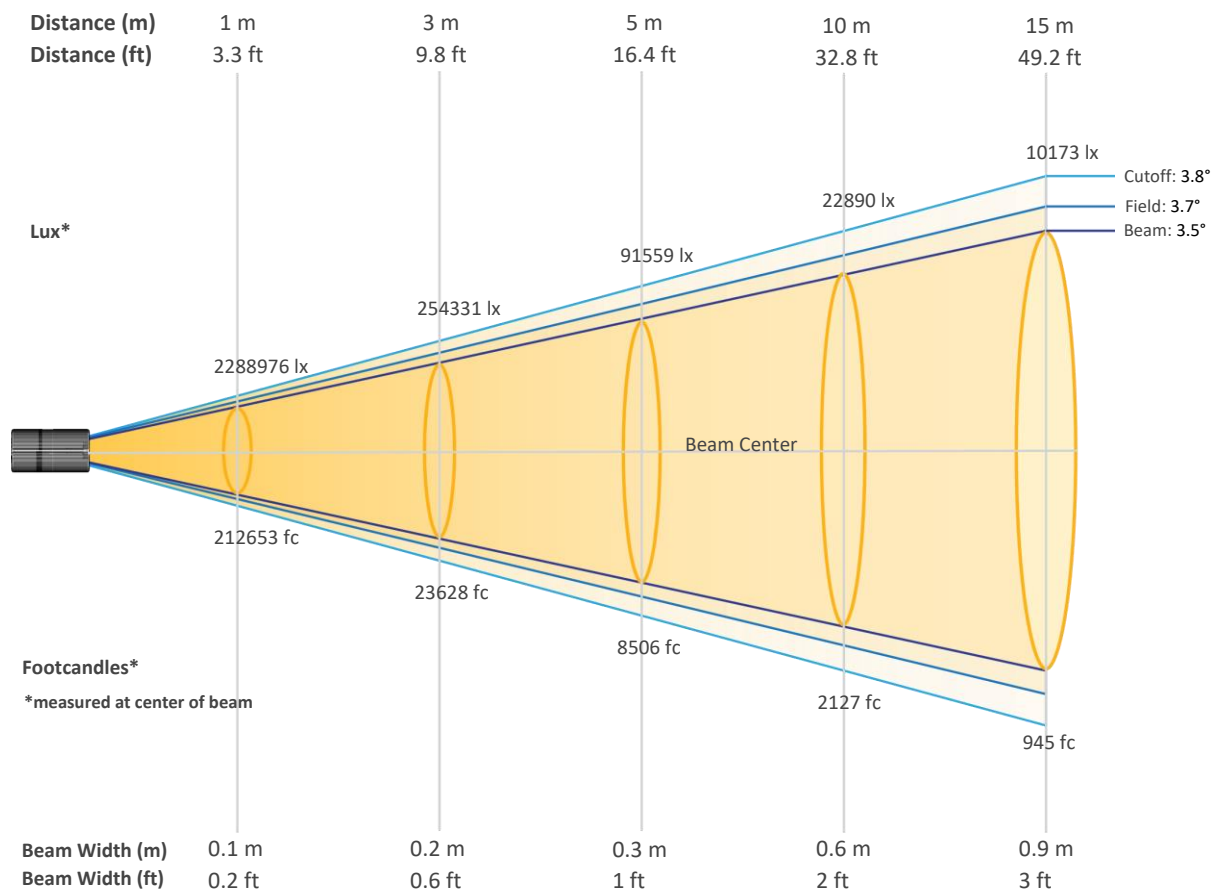
Color Temperature

6435 K

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - ECO

Beam Details

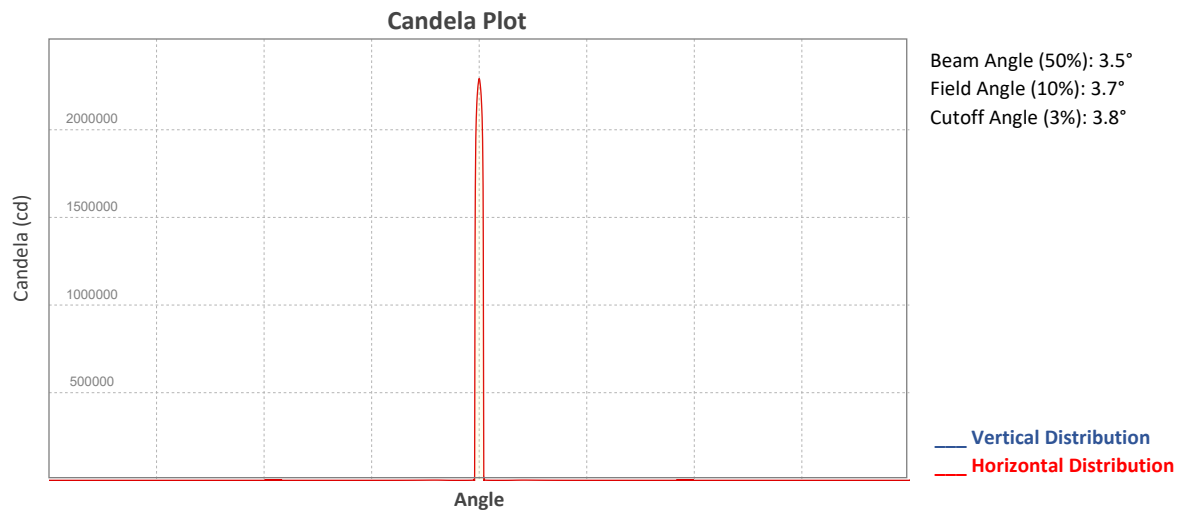


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2288976	572244	254331	143061	91559	63583	46714	35765	28259	22890
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	18917	15896	13544	11678	10173	8941	7920	7065	6341	5722
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	212653	53163	23628	13291	8506	5907	4340	3323	2625	2127
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1757	1477	1258	1085	945	831	736	656	589	532

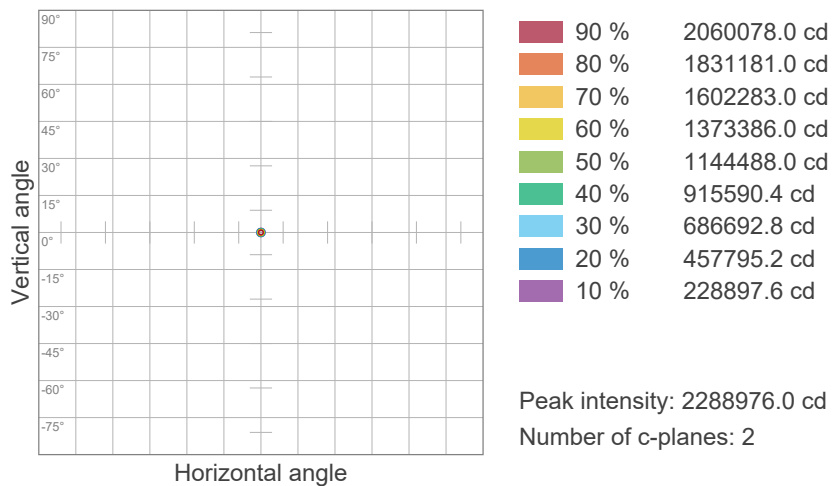
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - ECO

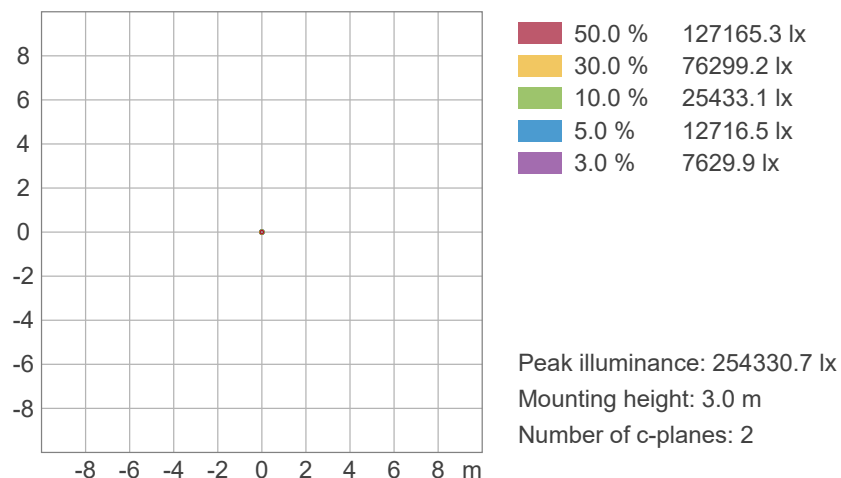


ISO Diagrams

ISO Candela Diagram



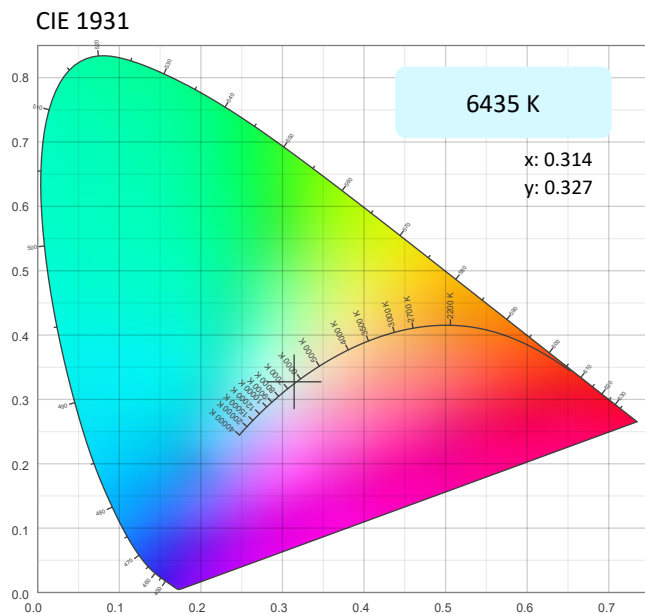
ISO Lux Diagram



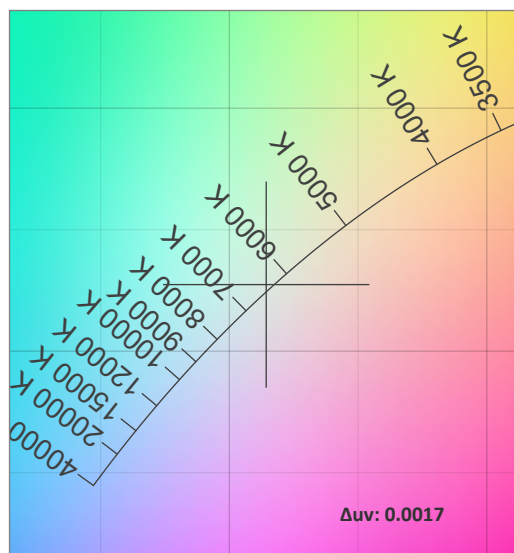
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - ECO

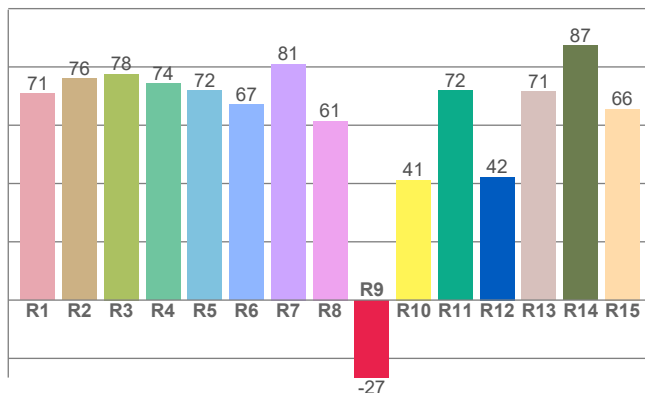
Chromaticity



CIE 1931 - Zoom



CRI: 72.5 (R1-R8)

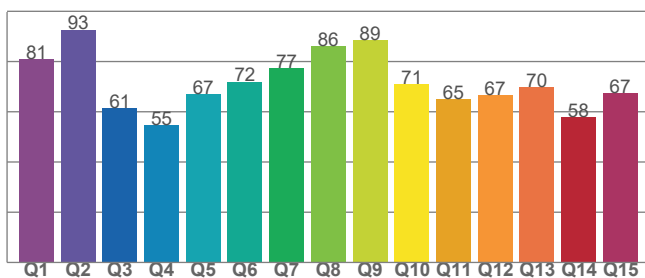


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6435 K	0.314	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0017	0.327	0.200

CQS: 69.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.5	-26.6	69.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.8	94.0

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - ECO

TM-30 Details

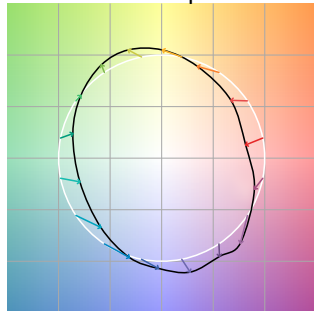
Rf 72.8

Fidelity Index
(Rg)

Rg 94.0

Gammut Index (Rg)

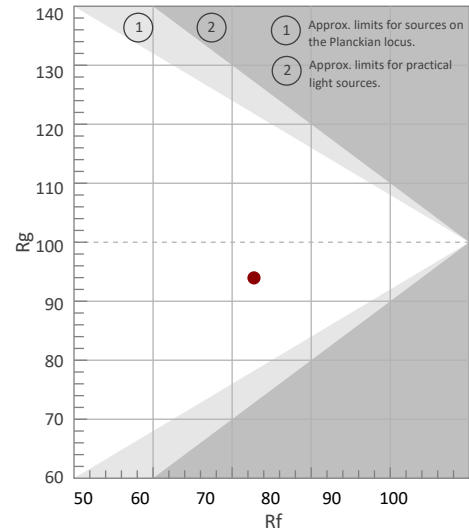
Color Vector Graphic



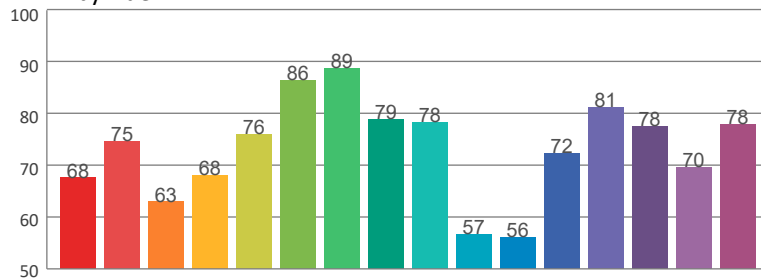
Color Distortion Graphic



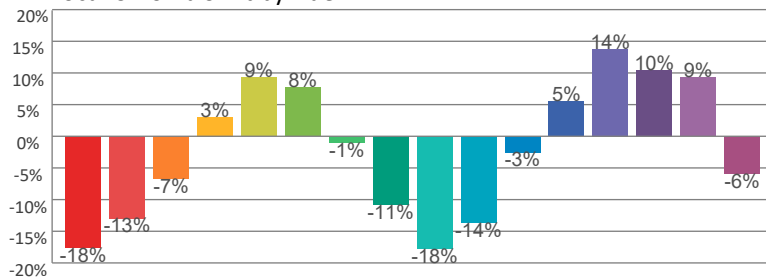
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-3%
2	75	-13%	9%
3	63	-7%	21%
4	68	3%	20%
5	76	9%	11%
6	86	8%	-2%
7	89	-1%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	57	-14%	23%
11	56	-3%	28%
12	72	5%	18%
13	81	14%	6%
14	78	10%	-6%
15	70	9%	-26%
16	78	-6%	-12%



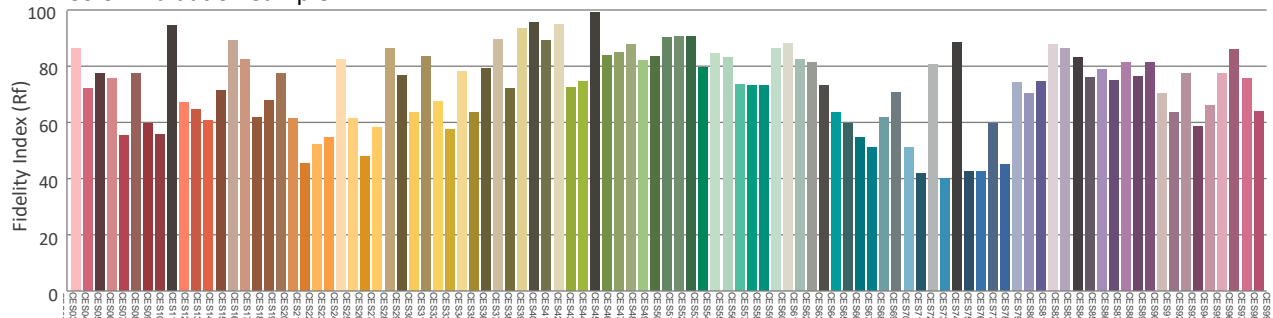
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV25

Report Summary

Measurements

Fixture Output: 4550 lm

Fixture Peak: 1470378 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 58815 lux

Color Temperature: 6339 K

CRI: 71.6 CRI R9 Value: -30.1

CQS: 69.4

TLCI: 49

TM-30 Rf: 71.9

TM-30 Rg: 94.3

Beam Angle (50%): 3.5°

Field Angle (10%): 3.7°

Cutoff Angle (3%): 3.8°

Conditions

AC Supply: 115 V, 60 Hz

Power: 0.0 W

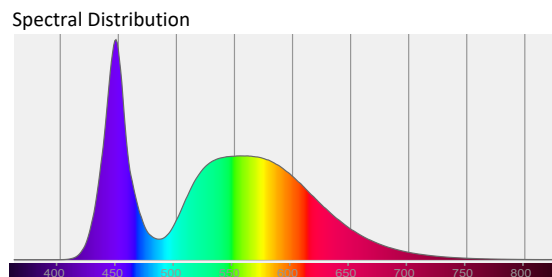
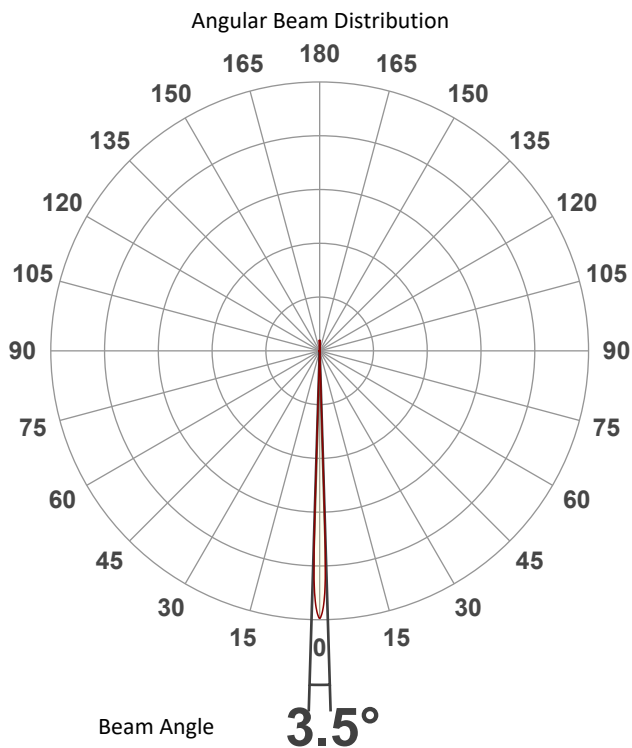
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

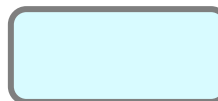
Overall Measurement



Tested Color (CIE 1931):

X: 0.316

Y: 0.330



Light Quality

CRI: 71.6

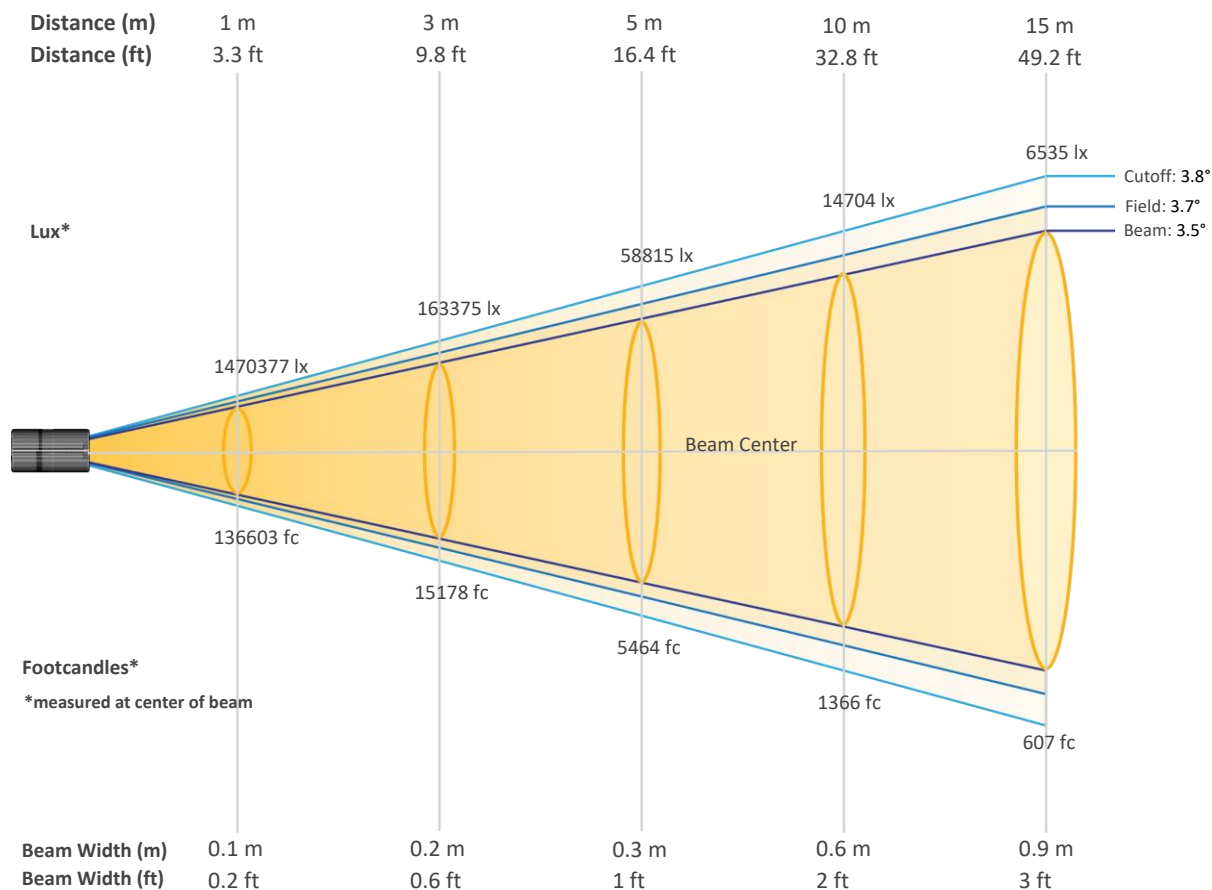
Color Temperature

6339 K

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV25

Beam Details

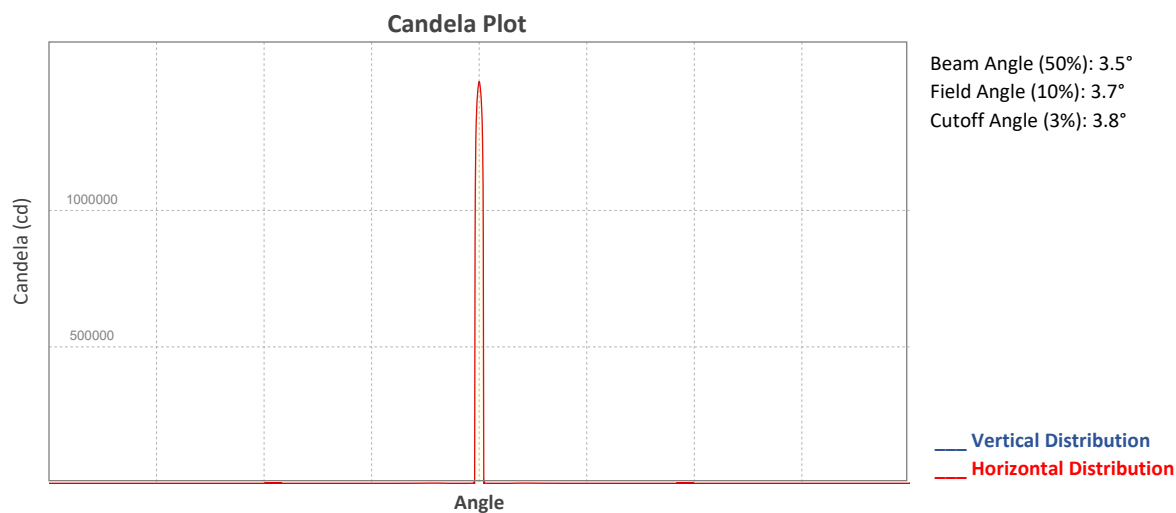


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1470377	367594	163375	91899	58815	40844	30008	22975	18153	14704
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	12152	10211	8700	7502	6535	5744	5088	4538	4073	3676
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	136603	34151	15178	8538	5464	3795	2788	2134	1686	1366
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1129	949	808	697	607	534	473	422	378	342

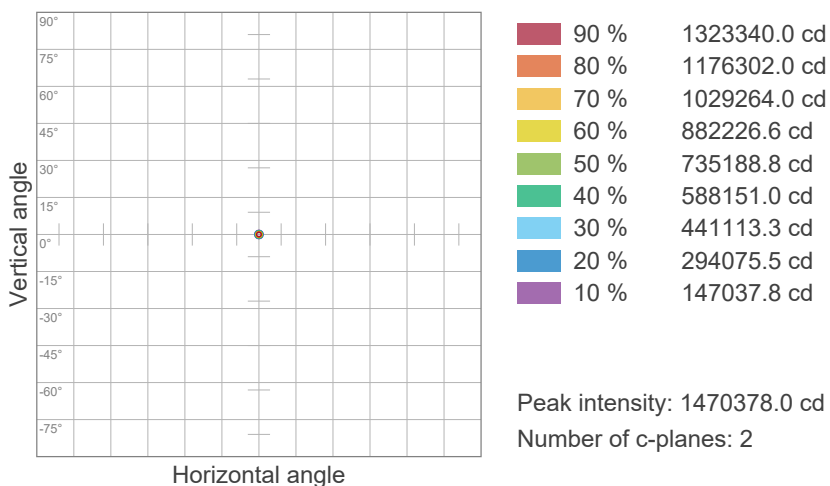
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV25

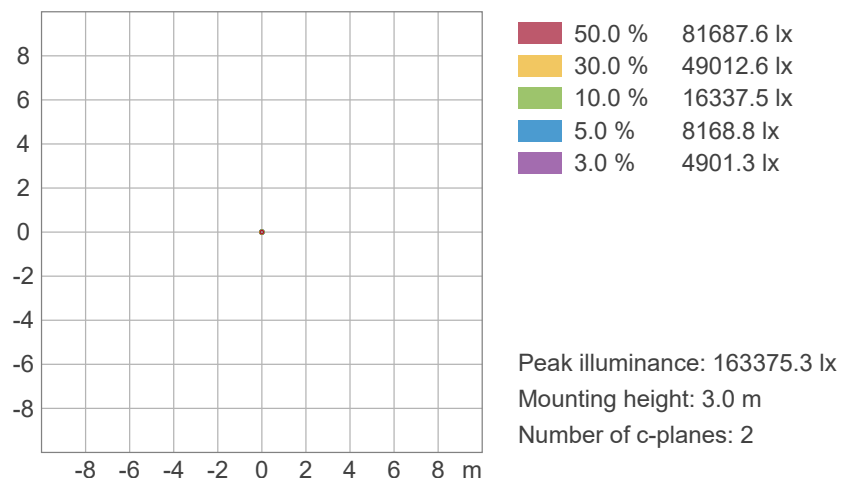


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

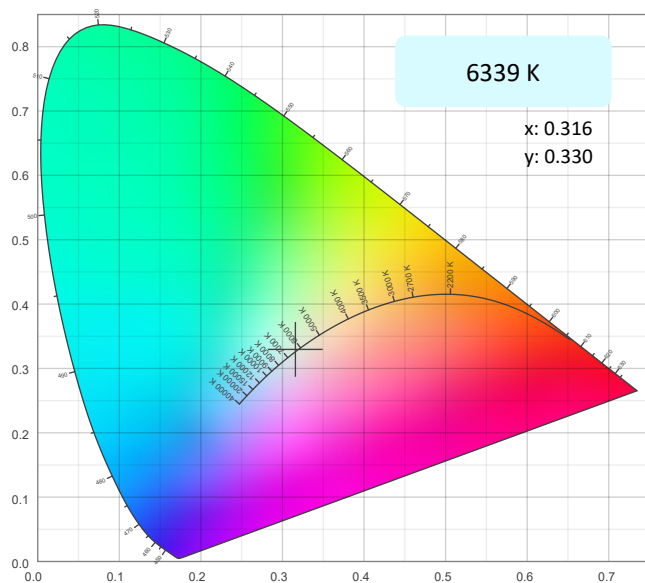


Photometric & Chromaticity Report

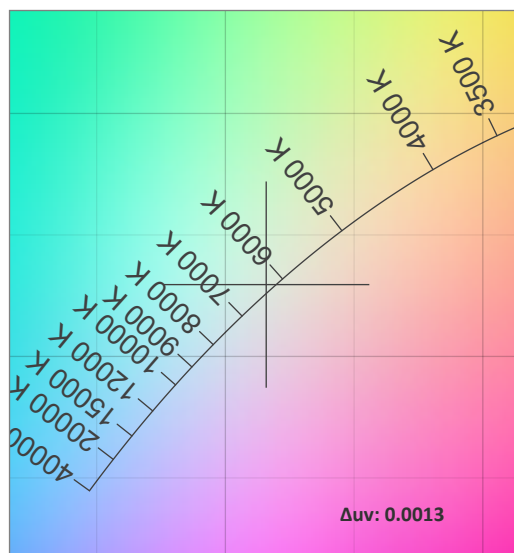
Maverick Force X Spot: Full Spot-Full Power - TV25

Chromaticity

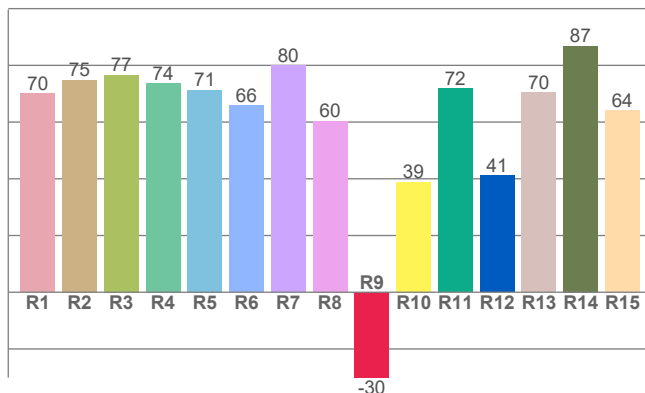
CIE 1931



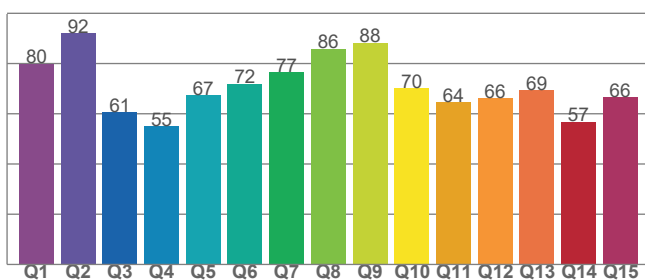
CIE 1931 - Zoom



CRI: 71.6 (R1-R8)



CQS: 69.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6339 K	0.316	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0013	0.330	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.6	-30.1	69.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.9	94.3

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV25

TM-30 Details

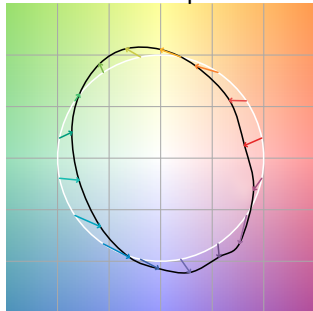
Rf 71.9

Fidelity Index
(Rg)

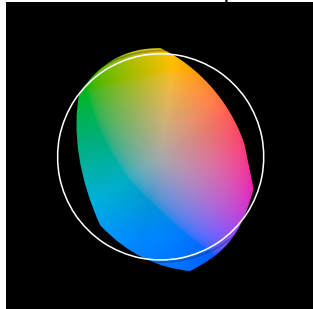
Rg 94.3

Gammut Index (Rg)

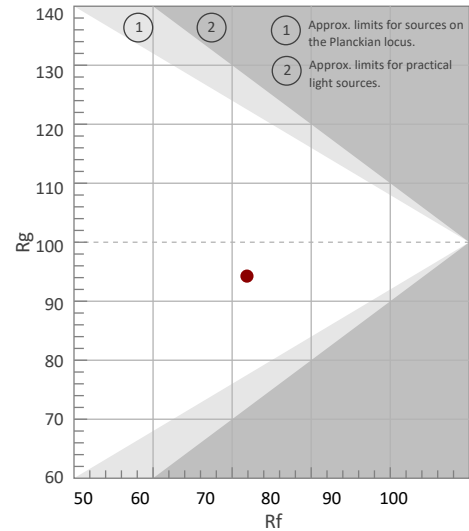
Color Vector Graphic



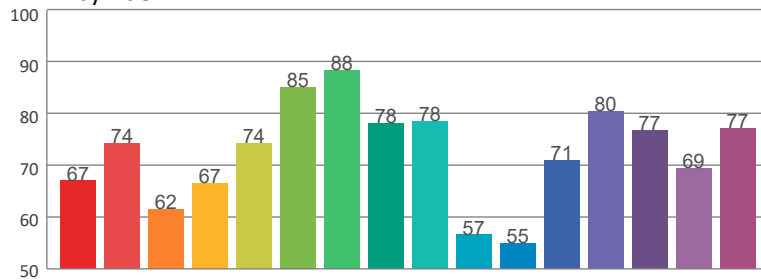
Color Distortion Graphic



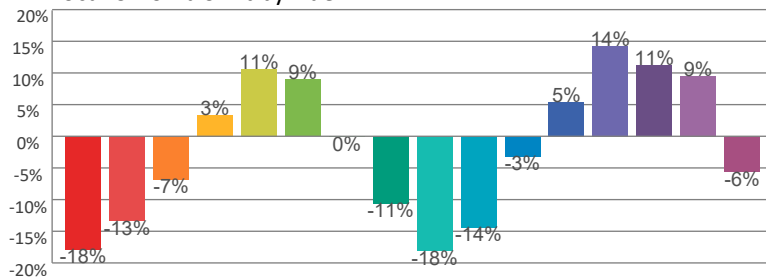
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	62	-7%	22%
4	67	3%	21%
5	74	11%	12%
6	85	9%	-2%
7	88	0%	-8%
8	78	-11%	-8%
9	78	-18%	5%
10	57	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	77	11%	-6%
15	69	9%	-26%
16	77	-6%	-13%



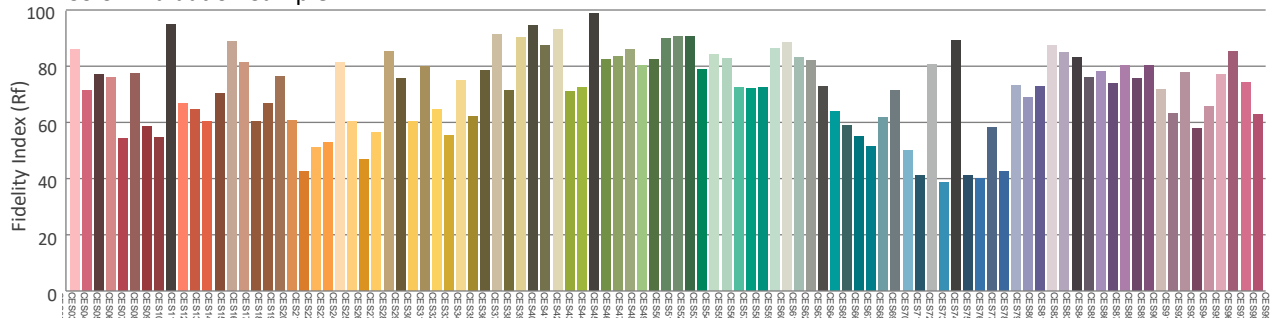
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV35

Report Summary

Measurements

Fixture Output: 3679 lm

Fixture Peak: 1237603 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 49504 lux

Color Temperature: 6295 K

CRI: 71.4 CRI R9 Value: -30.9

CQS: 69.3

TLCI: 49

TM-30 Rf: 71.7

TM-30 Rg: 94.3

Beam Angle (50%): 3.4°

Field Angle (10%): 3.8°

Cutoff Angle (3%): 3.9°

Conditions

AC Supply: 116 V, 60 Hz

Power: 0.0 W

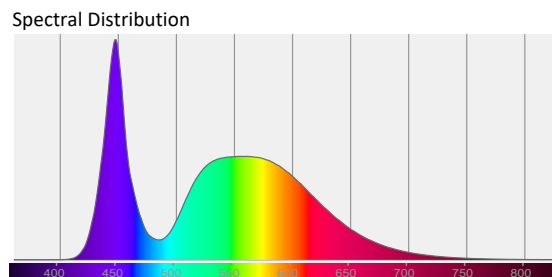
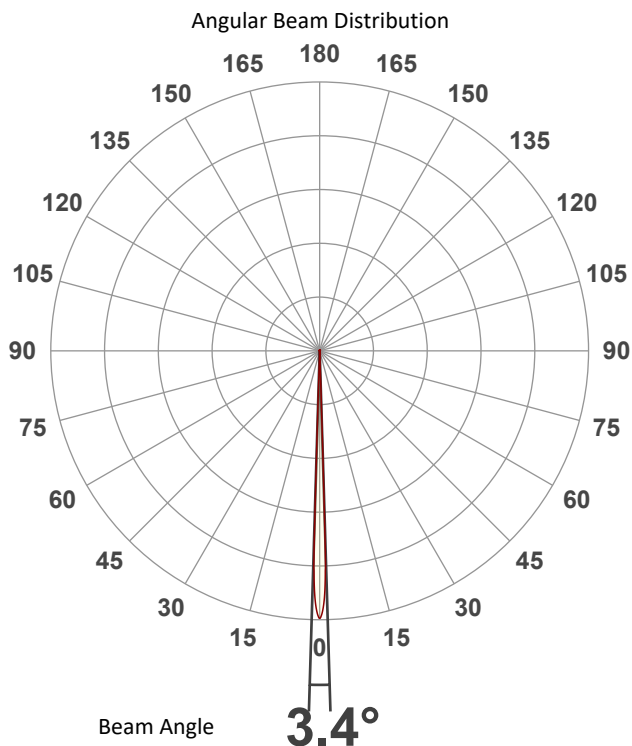
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

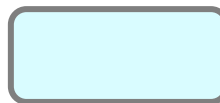
Overall Measurement



Tested Color (CIE 1931):

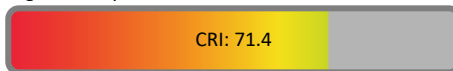
X: 0.317

Y: 0.330



Light Quality

CRI: 71.4



Color Temperature

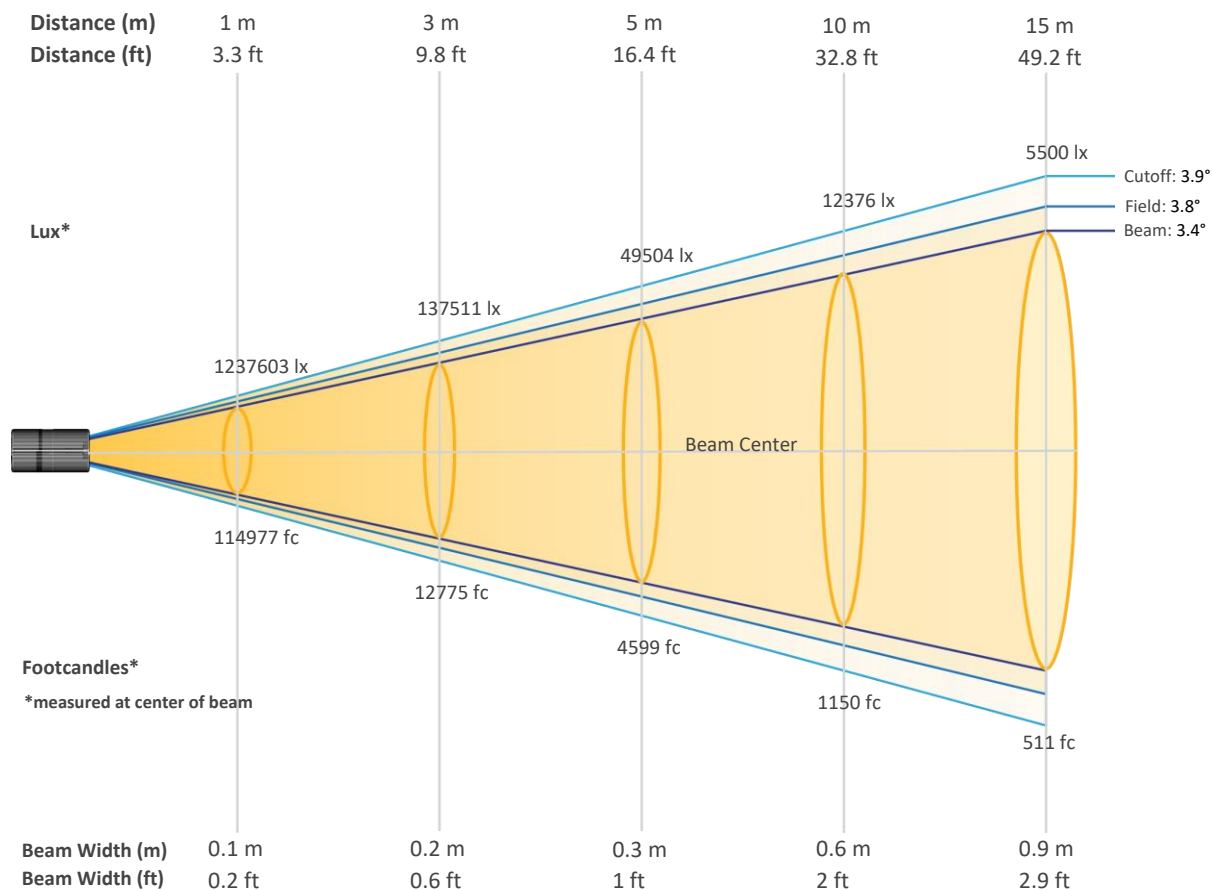
6295 K



Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV35

Beam Details

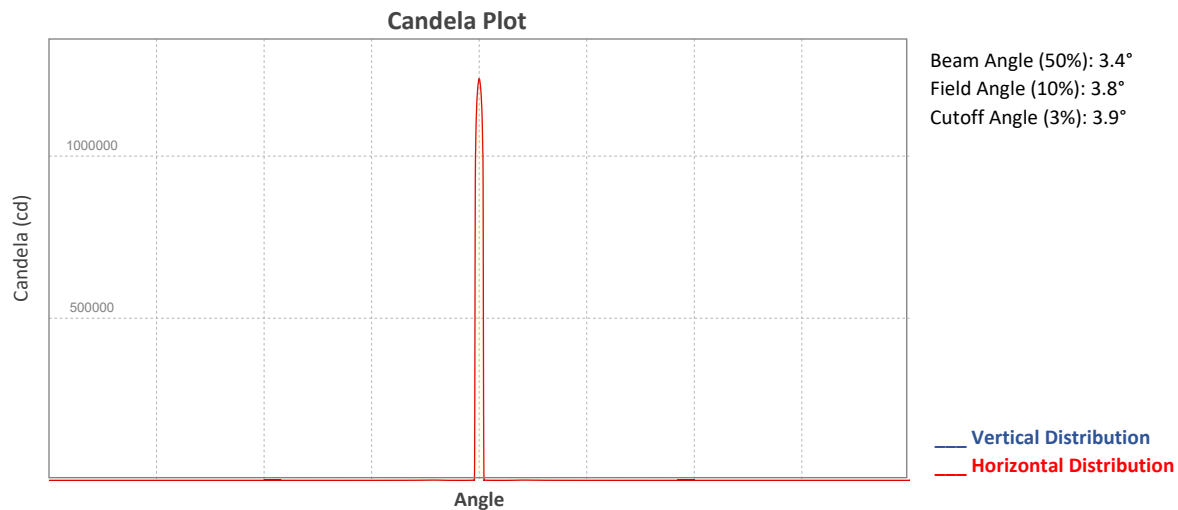


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1237603	309401	137511	77350	49504	34378	25257	19338	15279	12376
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10228	8594	7323	6314	5500	4834	4282	3820	3428	3094
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	114977	28744	12775	7186	4599	3194	2346	1797	1419	1150
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	950	798	680	587	511	449	398	355	318	287

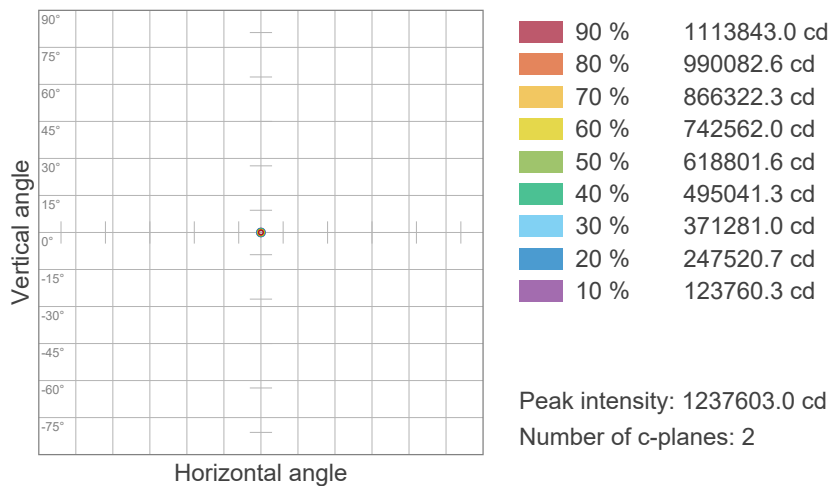
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV35

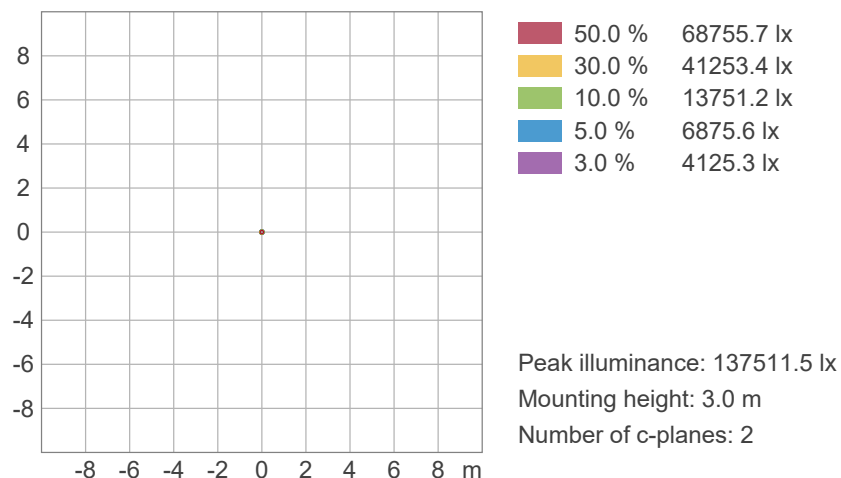


ISO Diagrams

ISO Candela Diagram



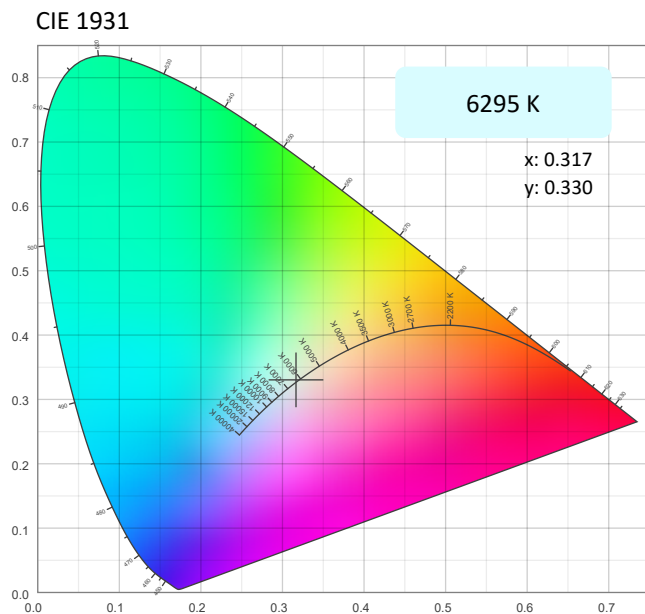
ISO Lux Diagram



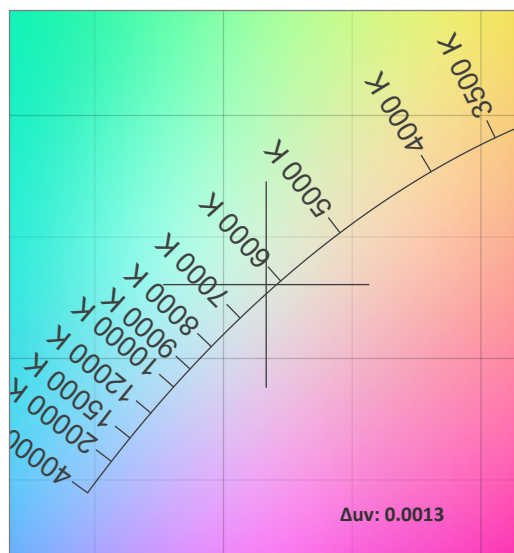
Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV35

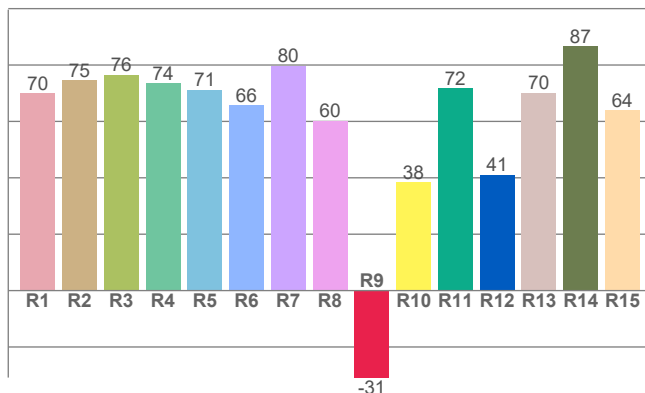
Chromaticity



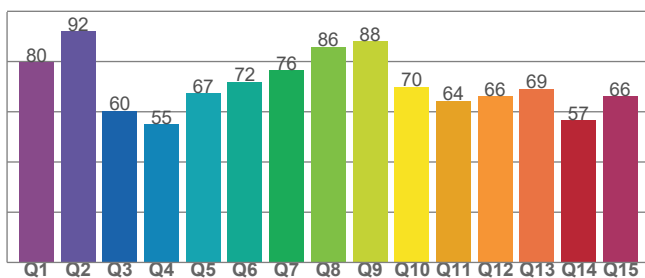
CIE 1931 - Zoom



CRI: 71.4 (R1-R8)



CQS: 69.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6295 K	0.317	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0013	0.330	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.4	-30.9	69.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.7	94.3

Photometric & Chromaticity Report

Maverick Force X Spot: Full Spot-Full Power - TV35

TM-30 Details

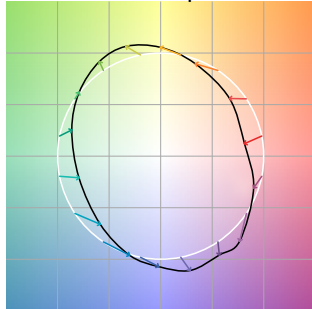
Rf 71.7

Fidelity Index
(Rg)

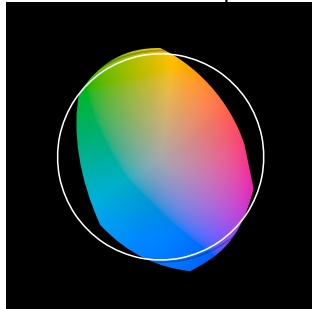
Rg 94.3

Gamut Index (Rg)

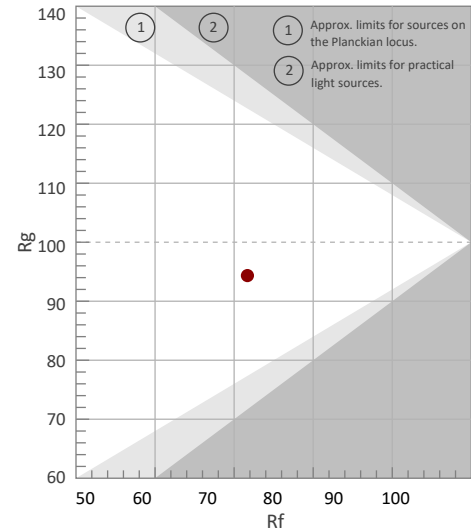
Color Vector Graphic



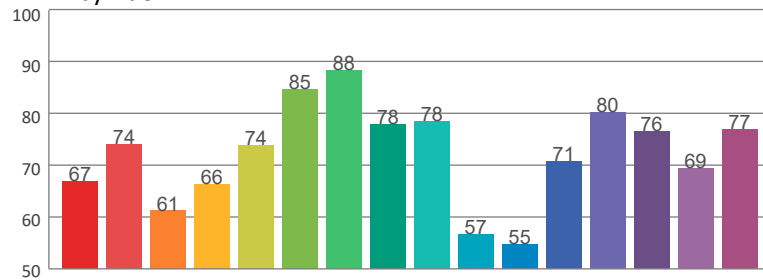
Color Distortion Graphic



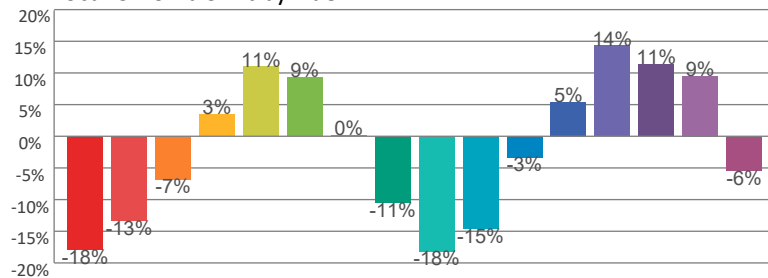
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	61	-7%	22%
4	66	3%	21%
5	74	11%	12%
6	85	9%	-2%
7	88	0%	-8%
8	78	-11%	-8%
9	78	-18%	5%
10	57	-15%	22%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	76	11%	-6%
15	69	9%	-26%
16	77	-6%	-13%



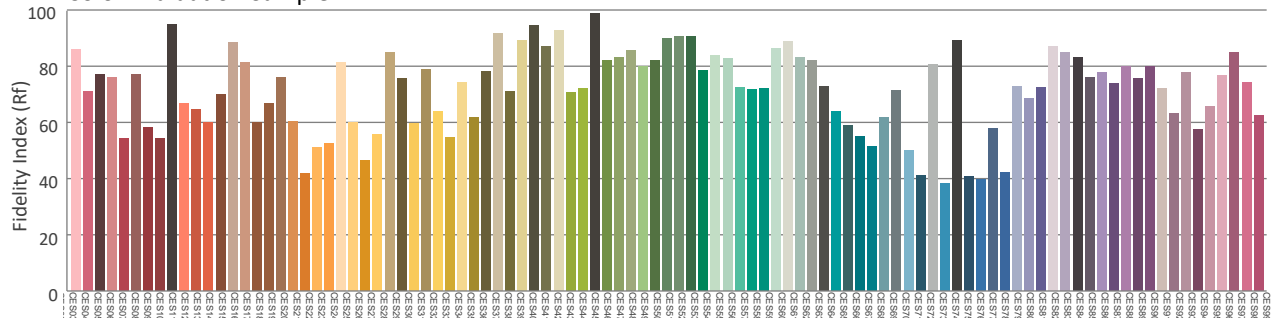
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom - Full Power

Report Summary

Measurements

Fixture Output: 17325 lm
Fixture Peak: 233761 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 9350 lux
Color Temperature: 6353 K
CRI: 72.1 CRI R9 Value: -27.3
CQS: 69.6
TLCI: 50
TM-30 Rf: 72.2
TM-30 Rg: 94.3
Beam Angle (50%): 18.1°
Field Angle (10%): 19.4°
Cutoff Angle (3%): 20.1°

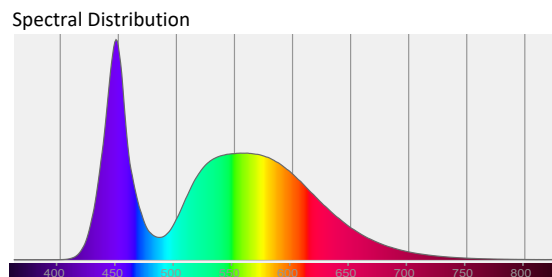
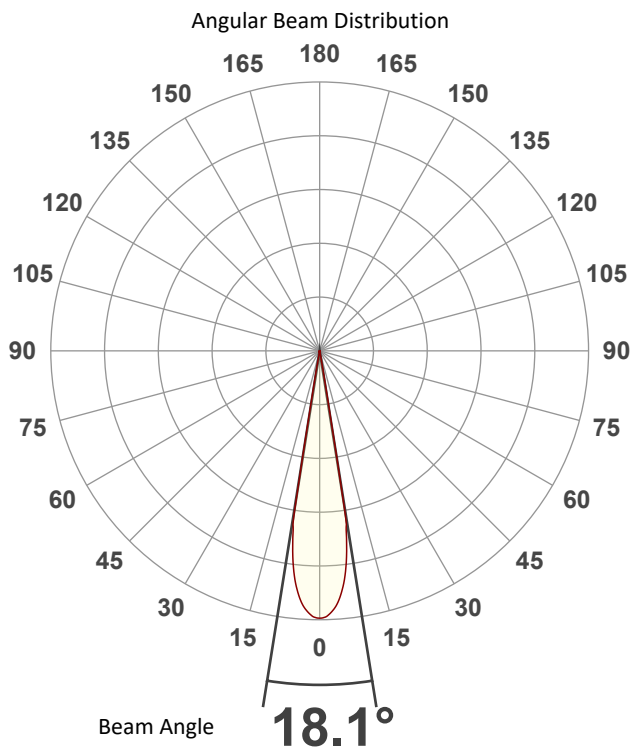


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

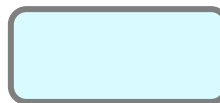
Overall Measurement



Tested Color (CIE 1931):

X: 0.316

Y: 0.328



Light Quality

CRI: 72.1

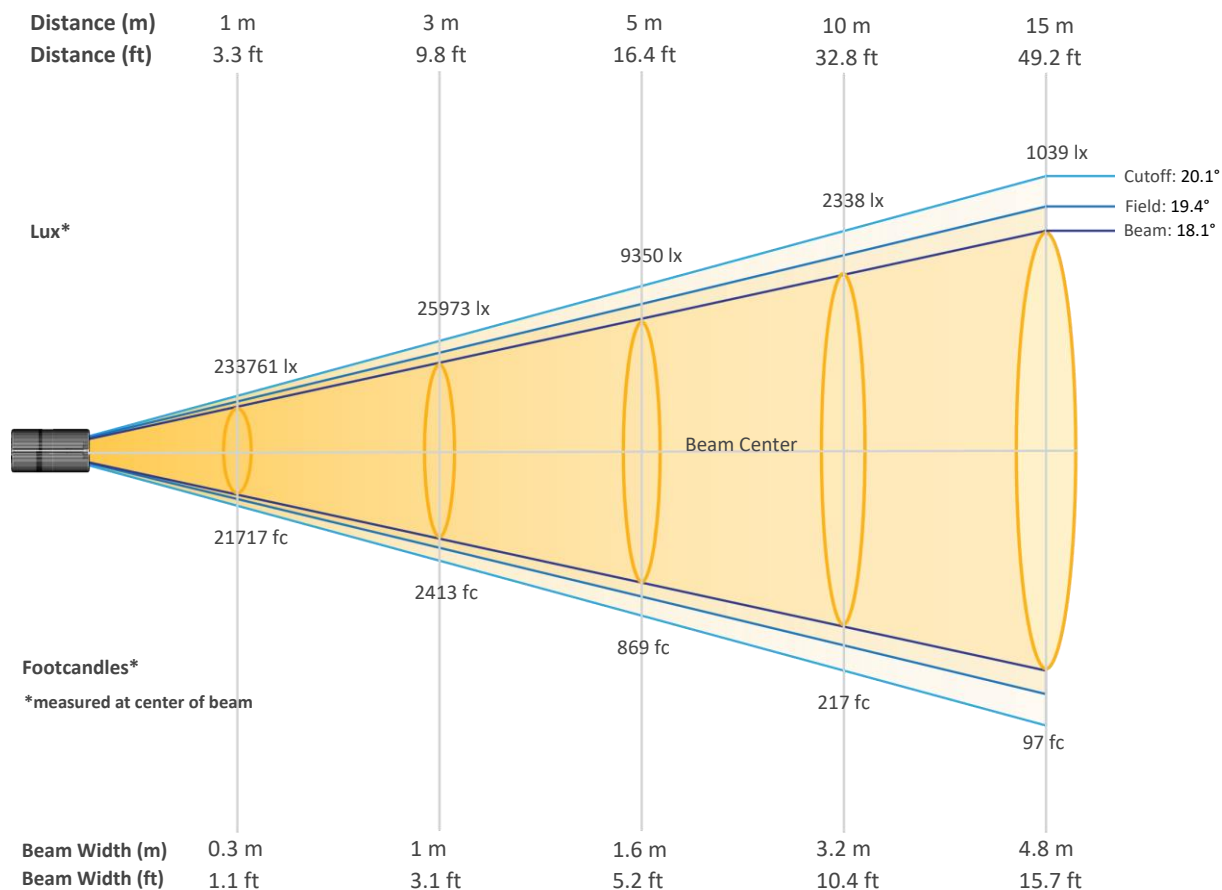
Color Temperature

6353 K

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom - Full Power

Beam Details

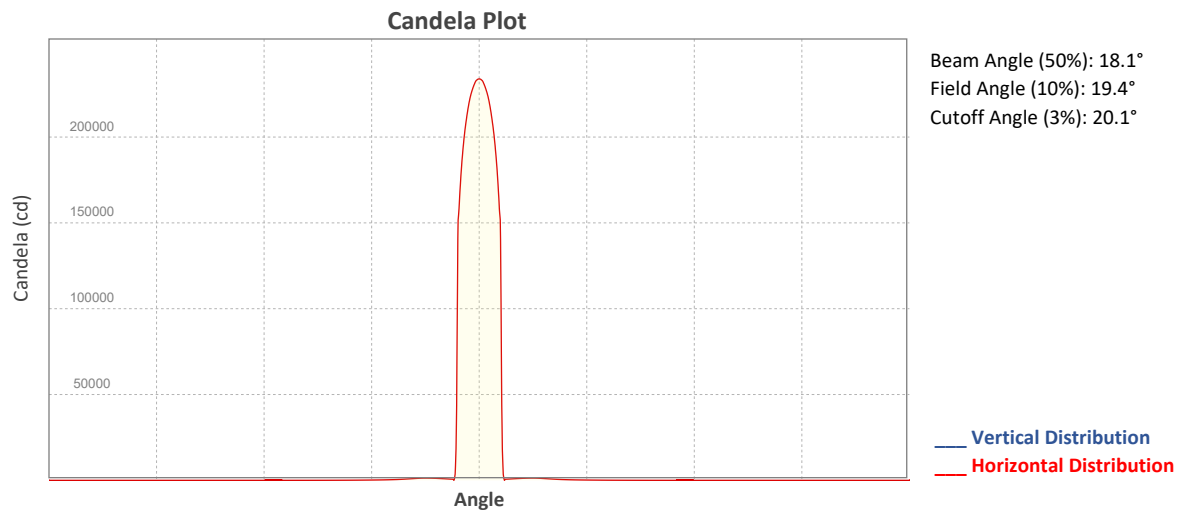


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	233761	58440	25973	14610	9350	6493	4771	3653	2886	2338
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1932	1623	1383	1193	1039	913	809	721	648	584
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21717	5429	2413	1357	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	179	151	129	111	97	85	75	67	60	54

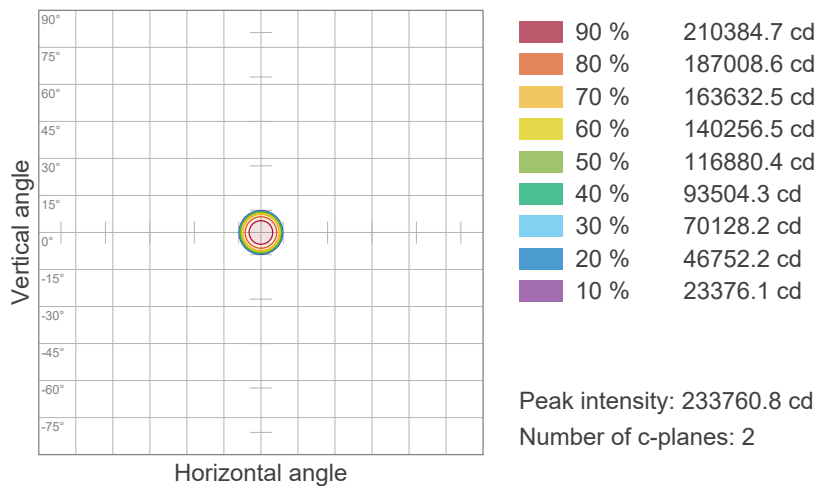
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom - Full Power

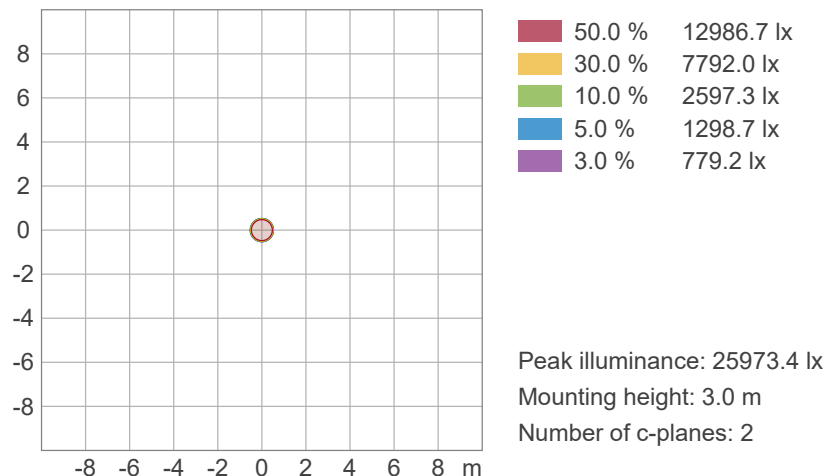


ISO Diagrams

ISO Candela Diagram



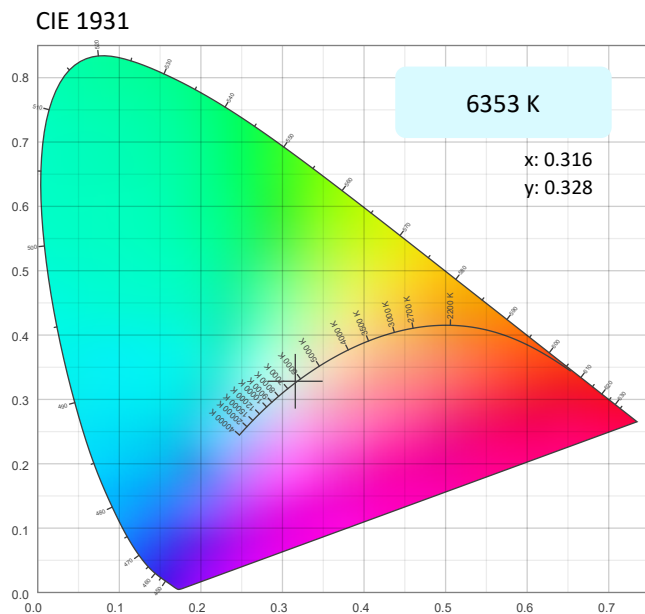
ISO Lux Diagram



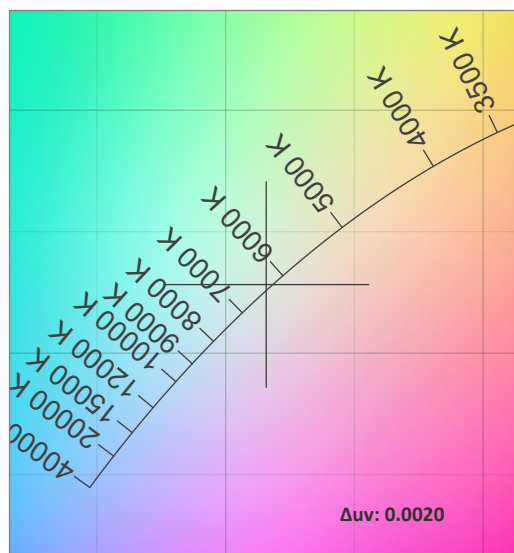
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom - Full Power

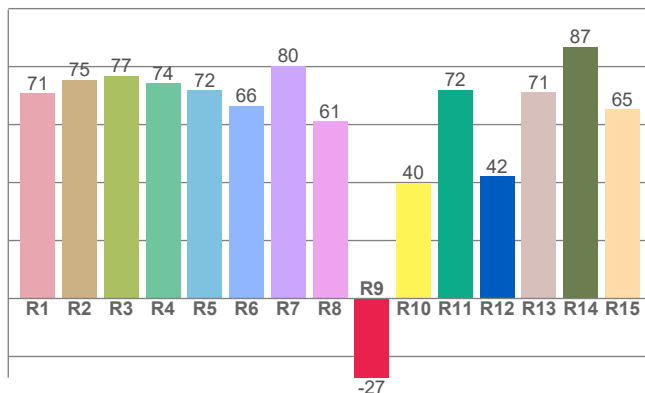
Chromaticity



CIE 1931 - Zoom



CRI: 72.1 (R1-R8)



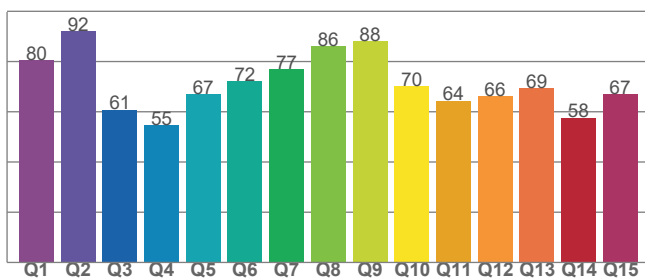
Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6353 K	0.316	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0020	0.328	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.1	-27.3	69.6

CQS: 69.6



Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.2	94.3

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom - Full Power

TM-30 Details

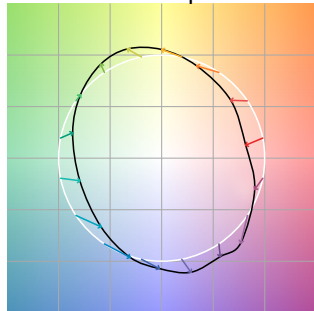
Rf 72.2

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

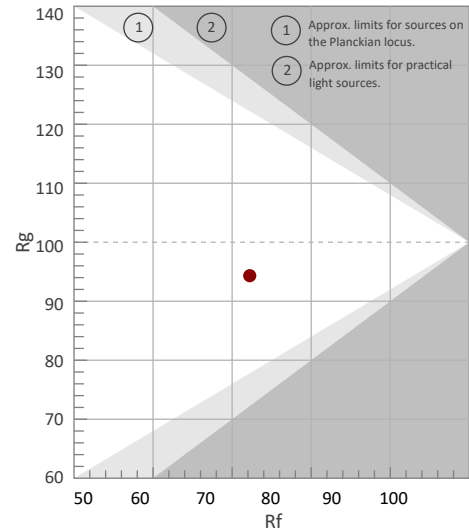
Color Vector Graphic



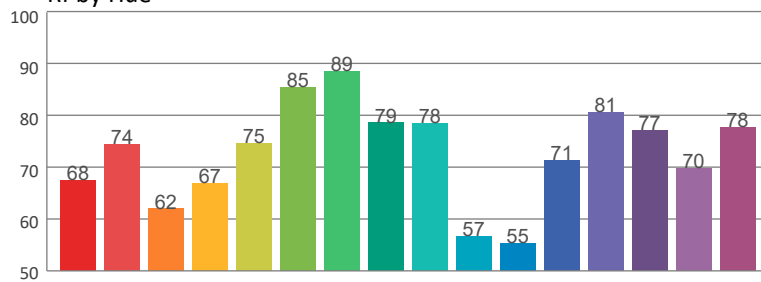
Color Distortion Graphic



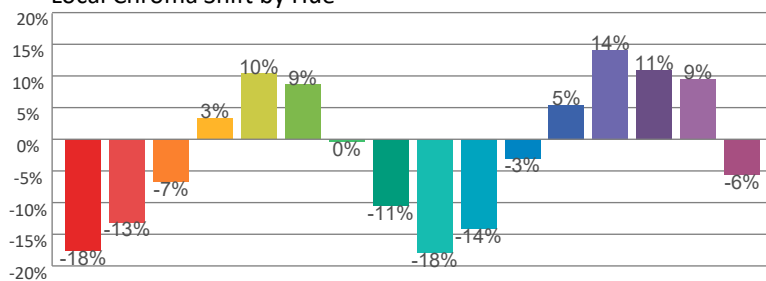
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	85	9%	-2%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	6%
10	57	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	81	14%	6%
14	77	11%	-6%
15	70	9%	-26%
16	78	-6%	-12%



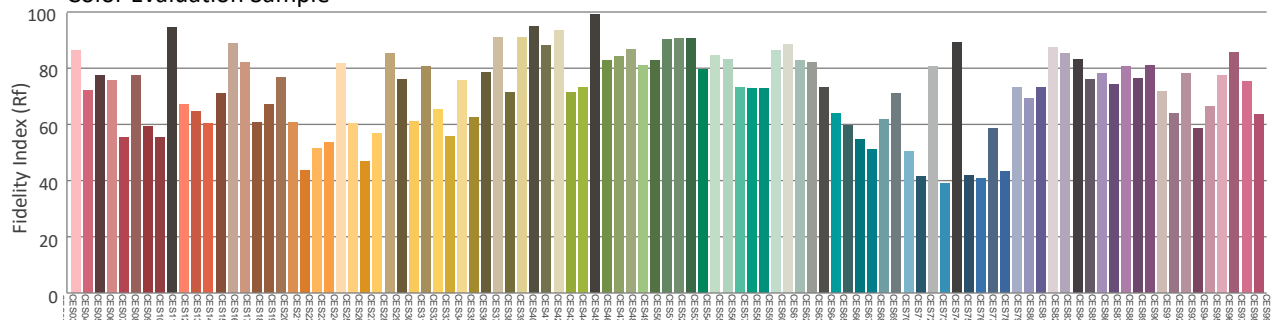
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Stable

Report Summary

Measurements

Fixture Output: 16992 lm
Fixture Peak: 229056 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 9162 lux
Color Temperature: 6382 K
CRI: 72.6 CRI R9 Value: -25.7
CQS: 69.8
TLCI: 50
TM-30 Rf: 72.7
TM-30 Rg: 94.2
Beam Angle (50%): 18.1°
Field Angle (10%): 19.3°
Cutoff Angle (3%): 19.8°

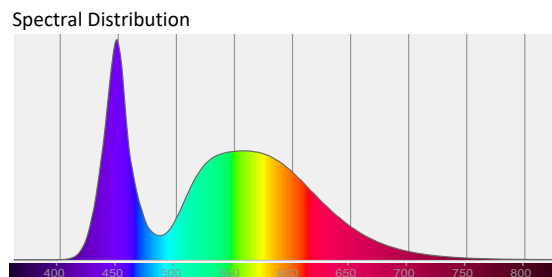
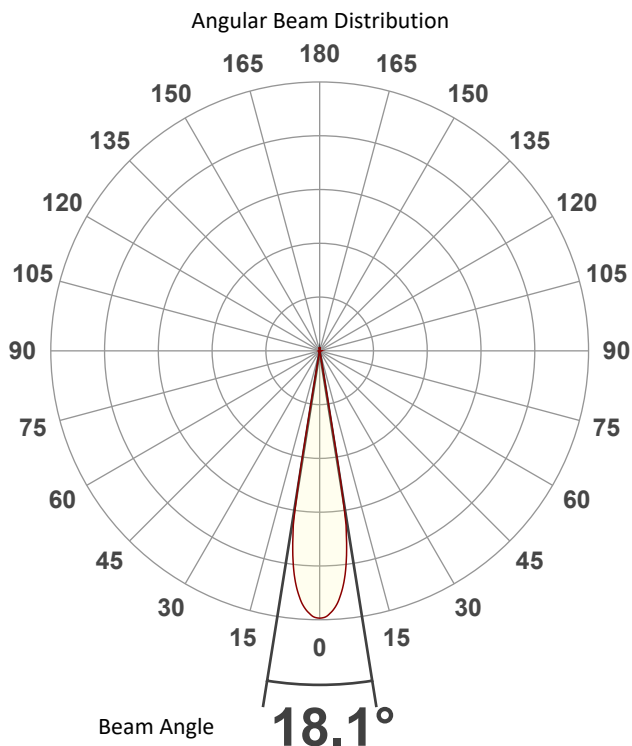


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/6/2025 to LM-63-2002 Standards.

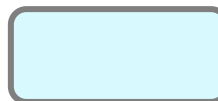
Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.328



Light Quality

CRI: 72.6

Color Temperature

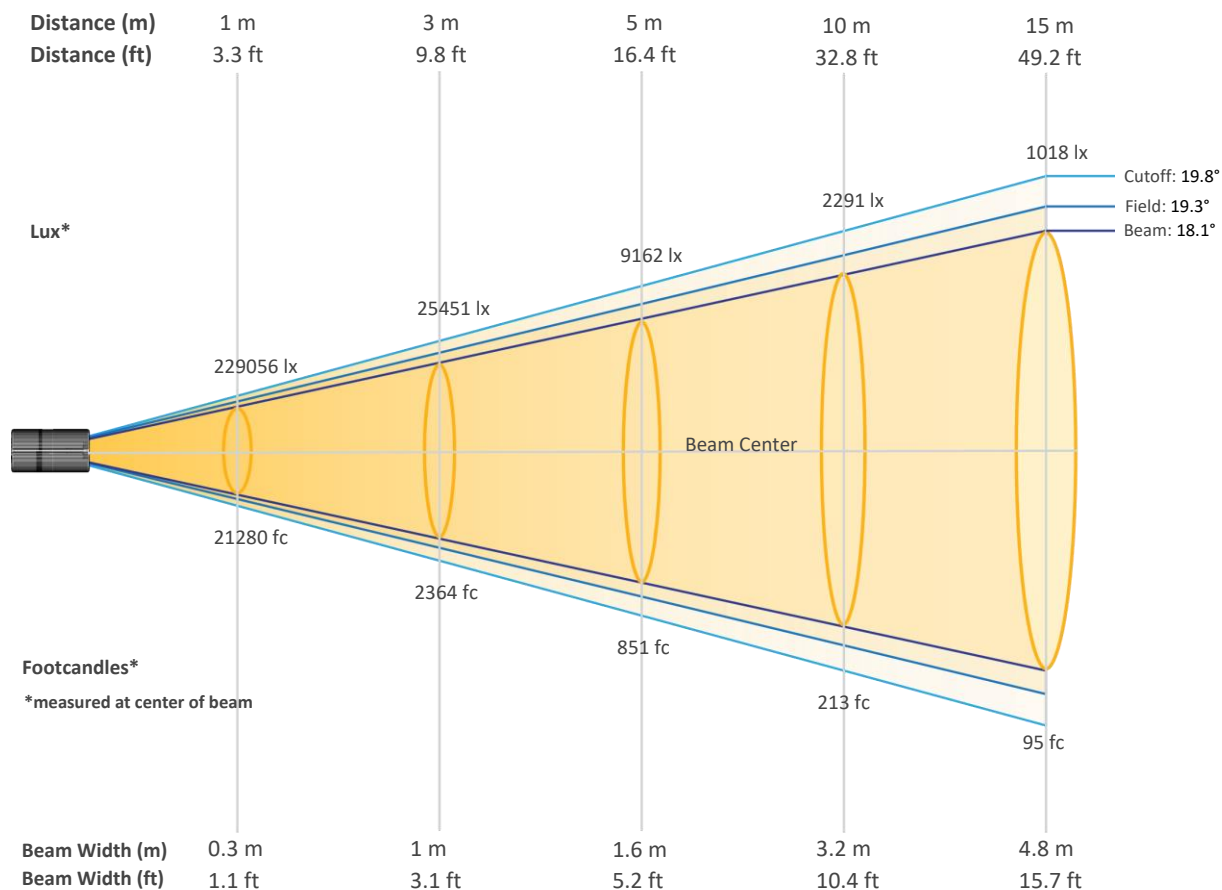
6382 K



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Stable

Beam Details

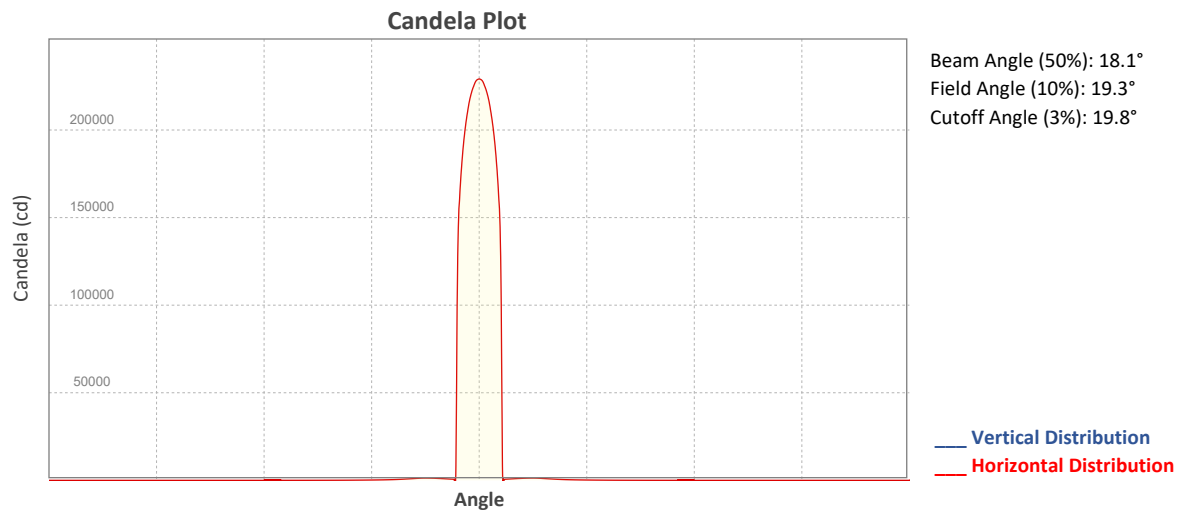


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	229056	57264	25451	14316	9162	6363	4675	3579	2828	2291
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1893	1591	1355	1169	1018	895	793	707	635	573
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21280	5320	2364	1330	851	591	434	332	263	213
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	176	148	126	109	95	83	74	66	59	53

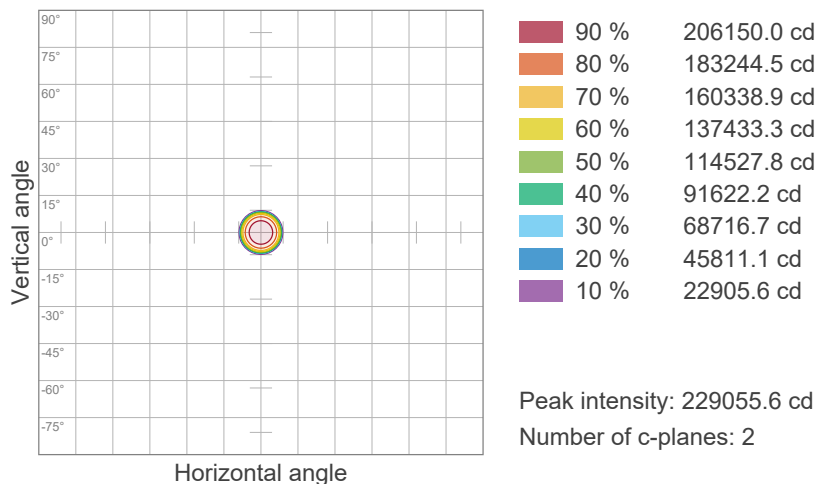
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Stable

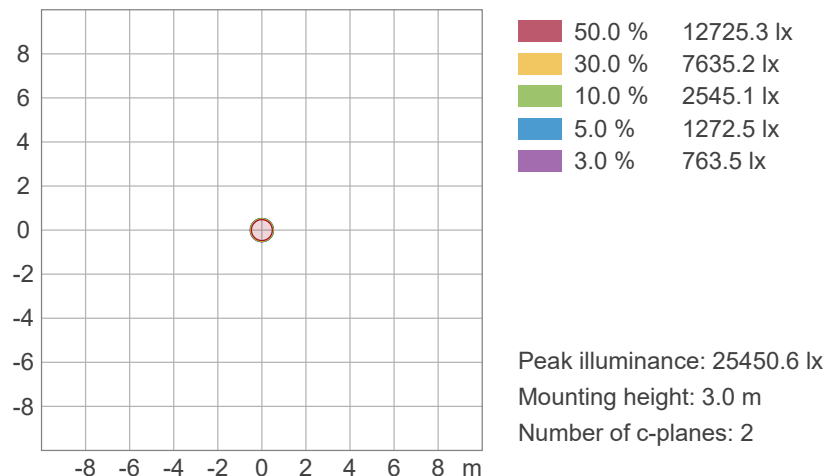


ISO Diagrams

ISO Candela Diagram



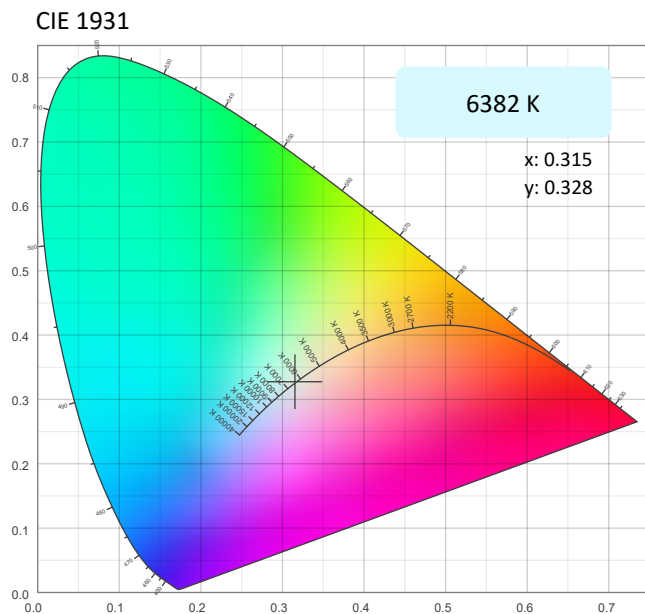
ISO Lux Diagram



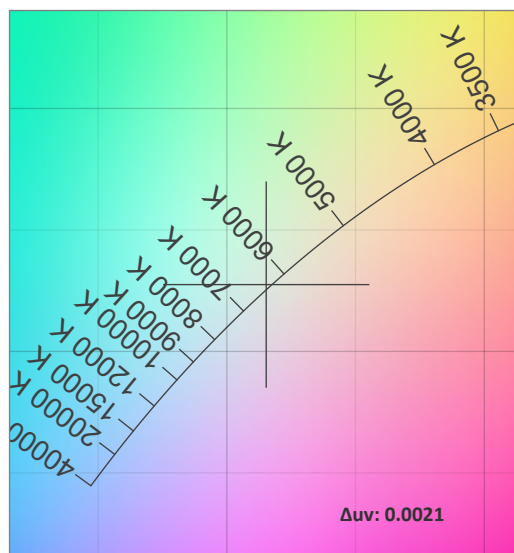
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Stable

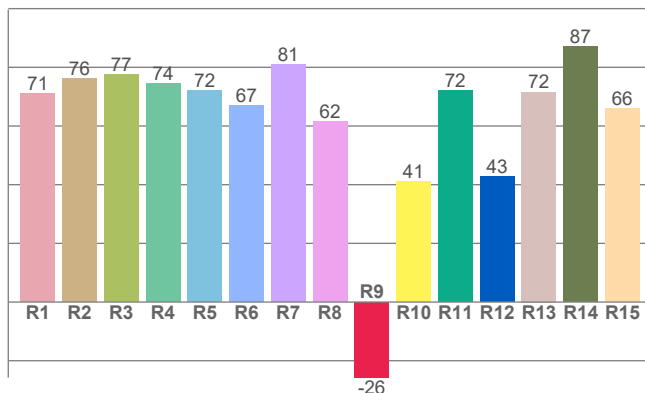
Chromaticity



CIE 1931 - Zoom



CRI: 72.6 (R1-R8)

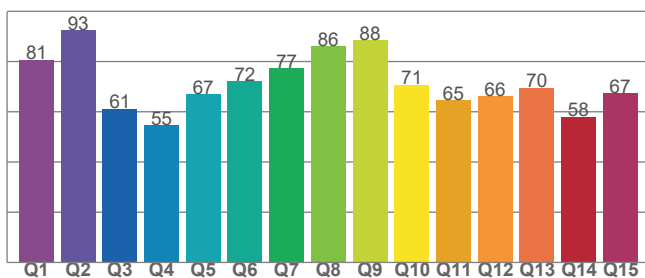


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6382 K	0.315	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0021	0.328	0.200

CQS: 69.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.6	-25.7	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.7	94.2

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Stable

TM-30 Details

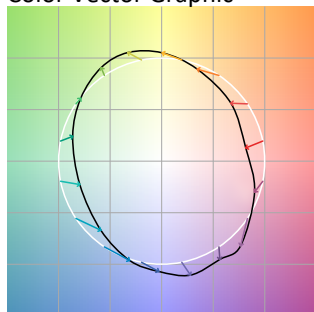
Rf 72.7

Fidelity Index
(Rg)

Rg 94.2

Gammut Index (Rg)

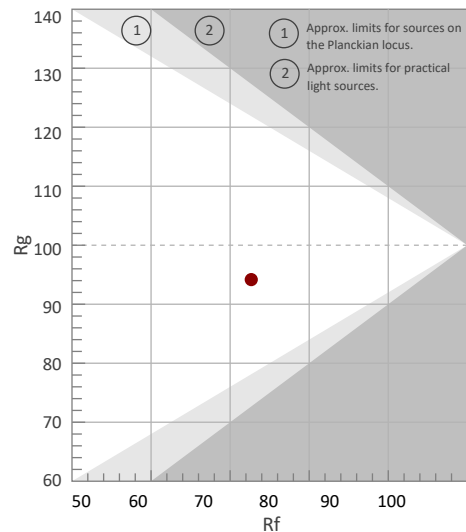
Color Vector Graphic



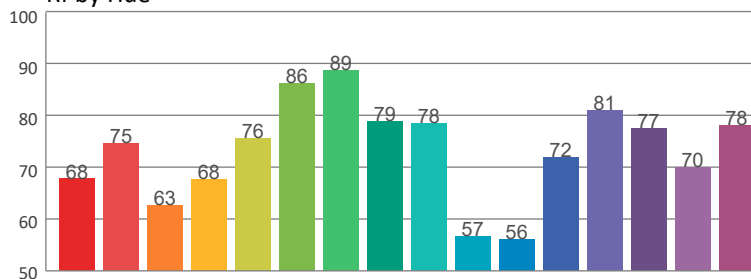
Color Distortion Graphic



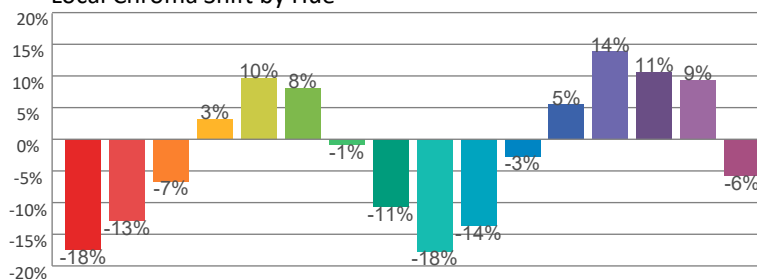
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-3%
2	75	-13%	9%
3	63	-7%	21%
4	68	3%	20%
5	76	10%	12%
6	86	8%	-2%
7	89	-1%	-7%
8	79	-11%	-7%
9	78	-18%	7%
10	57	-14%	23%
11	56	-3%	28%
12	72	5%	18%
13	81	14%	6%
14	77	11%	-6%
15	70	9%	-26%
16	78	-6%	-12%



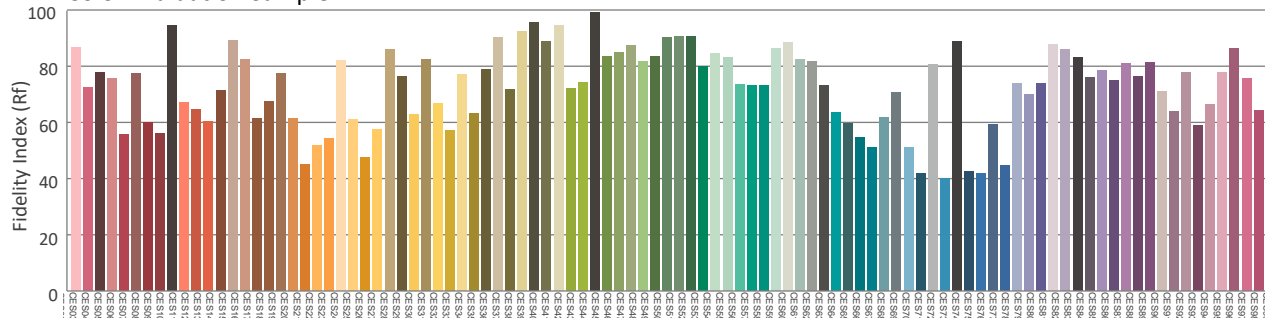
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Auto

Report Summary

Measurements

Fixture Output: 17314 lm
Fixture Peak: 232981 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 9319 lux
Color Temperature: 6356 K
CRI: 72.2 CRI R9 Value: -27.1
CQS: 69.6
TLCI: 50
TM-30 Rf: 72.3
TM-30 Rg: 94.3
Beam Angle (50%): 18.1°
Field Angle (10%): 19.3°
Cutoff Angle (3%): 19.6°

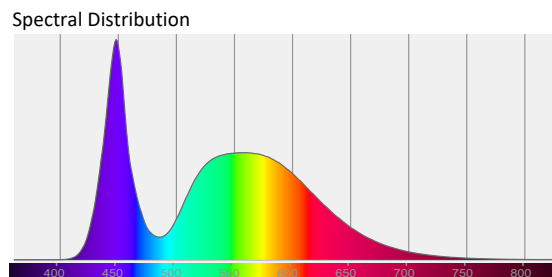
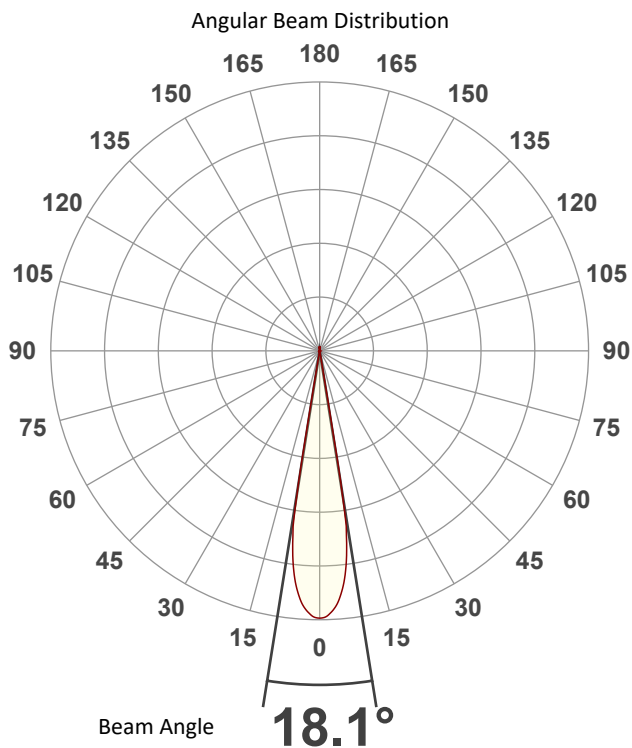


Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

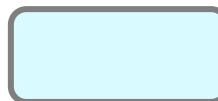
Overall Measurement



Tested Color (CIE 1931):

X: 0.316

Y: 0.328



Light Quality

CRI: 72.2

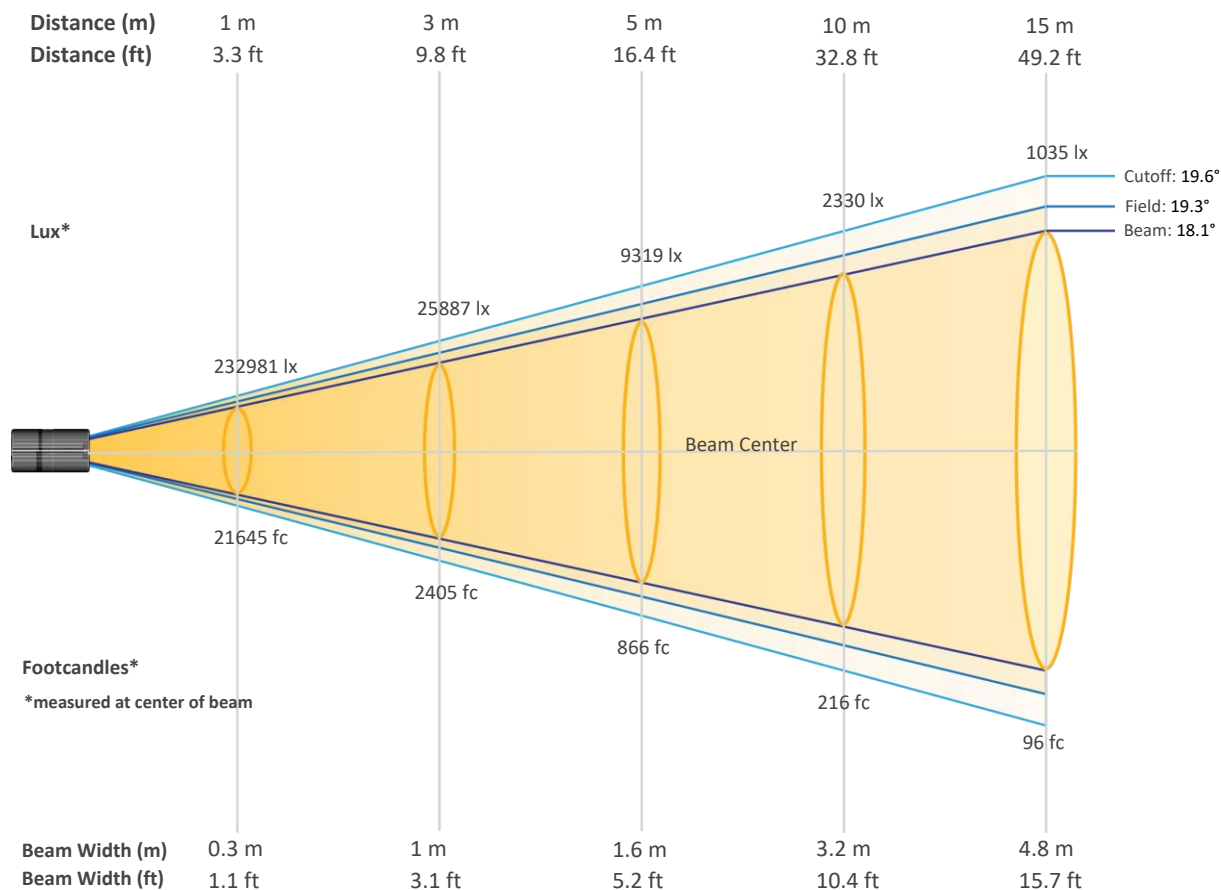
Color Temperature

6356 K

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Auto

Beam Details

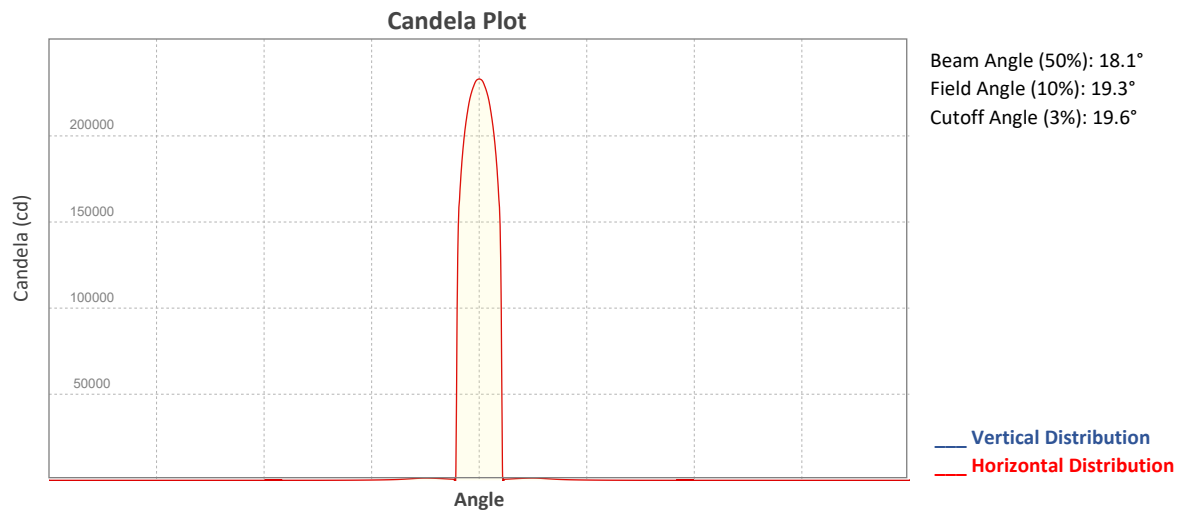


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	232981	58245	25887	14561	9319	6472	4755	3640	2876	2330
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1925	1618	1379	1189	1035	910	806	719	645	582
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	21645	5411	2405	1353	866	601	442	338	267	216
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	179	150	128	110	96	85	75	67	60	54

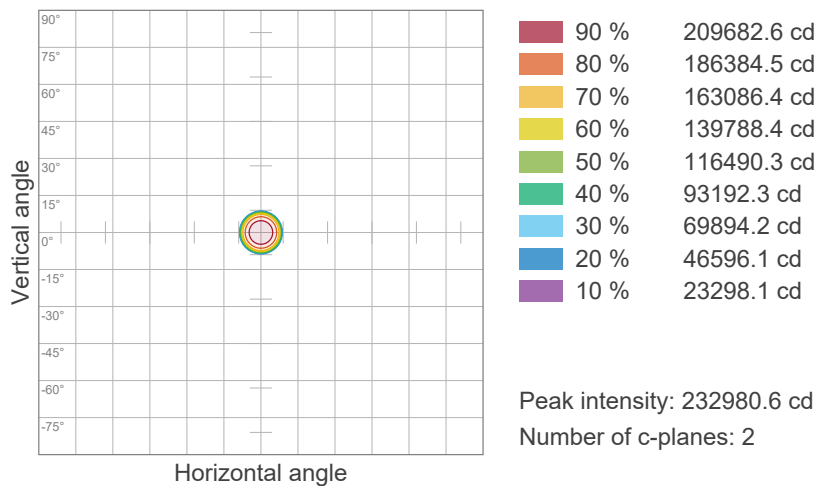
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Auto

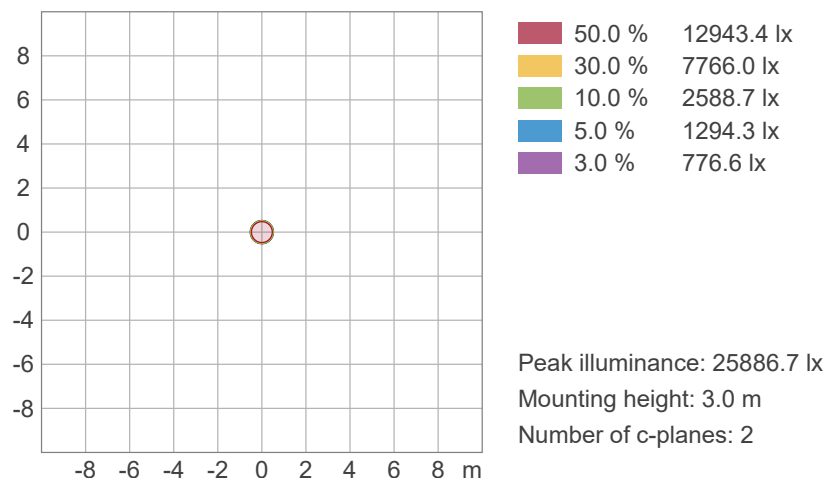


ISO Diagrams

ISO Candela Diagram



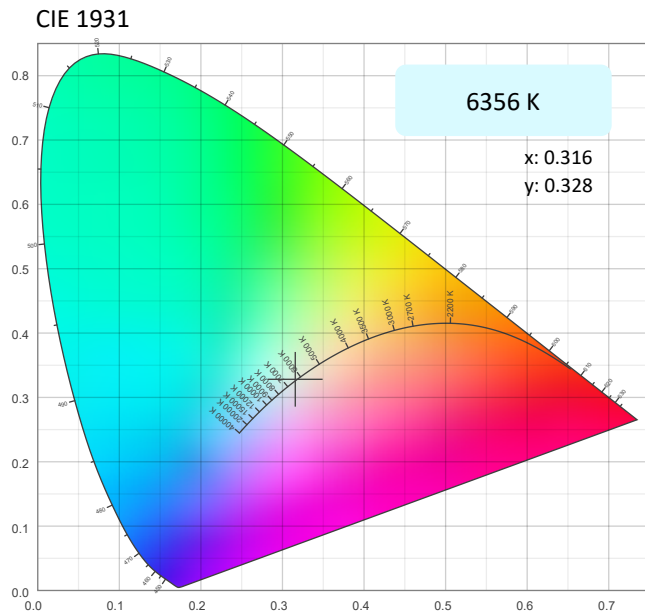
ISO Lux Diagram



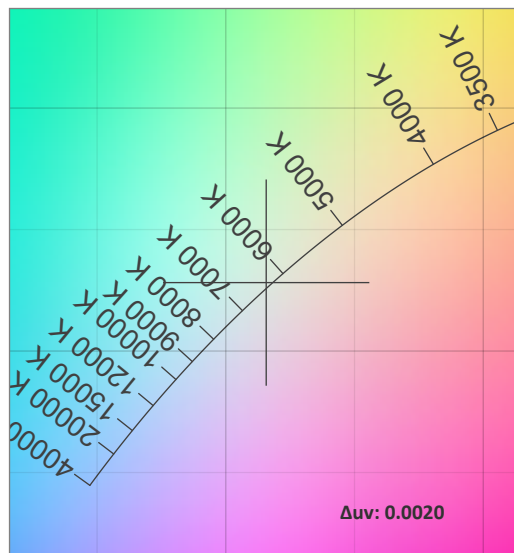
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Auto

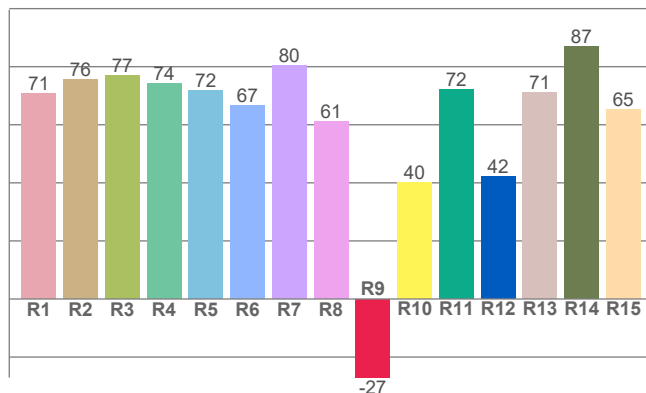
Chromaticity



CIE 1931 - Zoom



CRI: 72.2 (R1-R8)

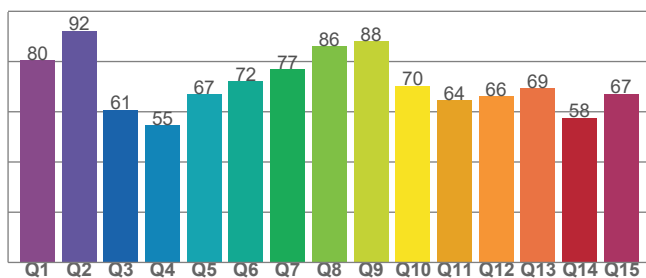


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6356 K	0.316	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0020	0.328	0.200

CQS: 69.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.2	-27.1	69.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.3	94.3

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - Auto

TM-30 Details

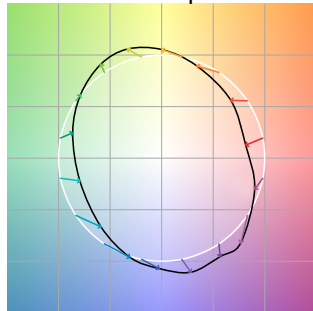
Rf 72.3

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

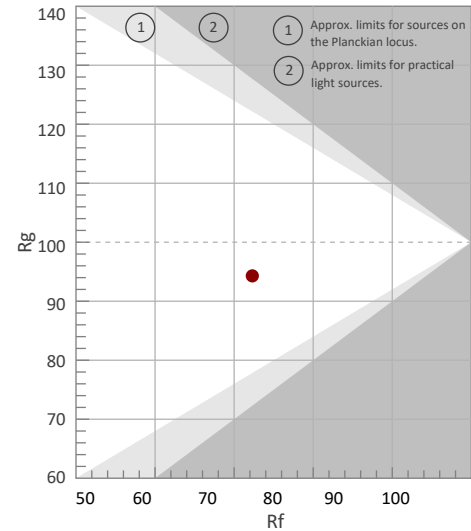
Color Vector Graphic



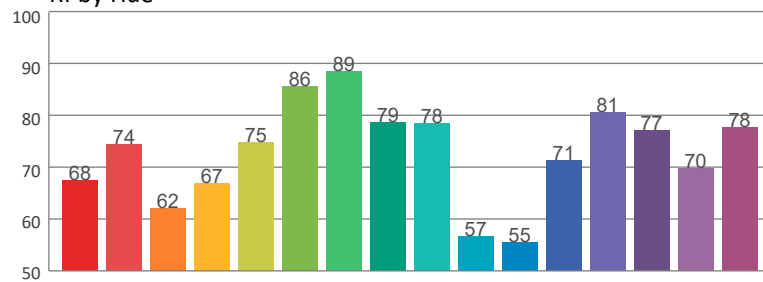
Color Distortion Graphic



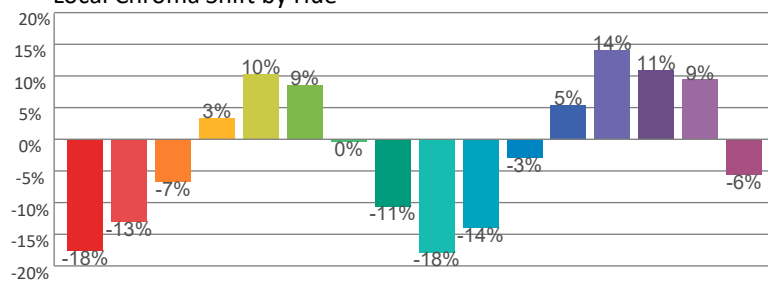
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-4%
2	74	-13%	9%
3	62	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	86	9%	-2%
7	89	0%	-7%
8	79	-11%	-7%
9	78	-18%	6%
10	57	-14%	23%
11	55	-3%	28%
12	71	5%	19%
13	81	14%	6%
14	77	11%	-6%
15	70	9%	-26%
16	78	-6%	-12%



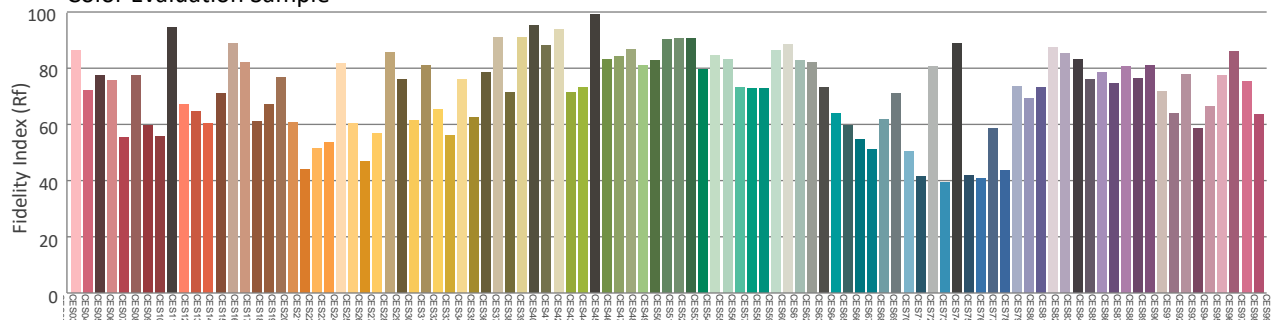
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - TV35-Stable

Report Summary

Measurements

Fixture Output: 9174 lm

Fixture Peak: 123106 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 4924 lux

Color Temperature: 6278 K

CRI: 71.5 CRI R9 Value: -29.8

CQS: 69.4

TLCI: 49

TM-30 Rf: 71.7

TM-30 Rg: 94.5

Beam Angle (50%): 18.1°

Field Angle (10%): 19.3°

Cutoff Angle (3%): 19.5°

Conditions

AC Supply: 117 V, 60 Hz

Power: 0.0 W

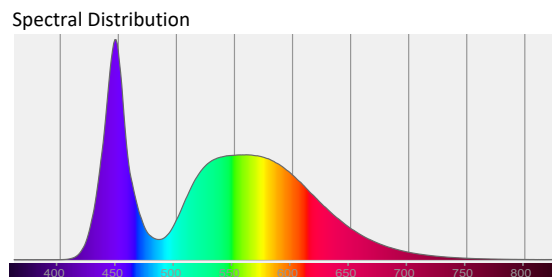
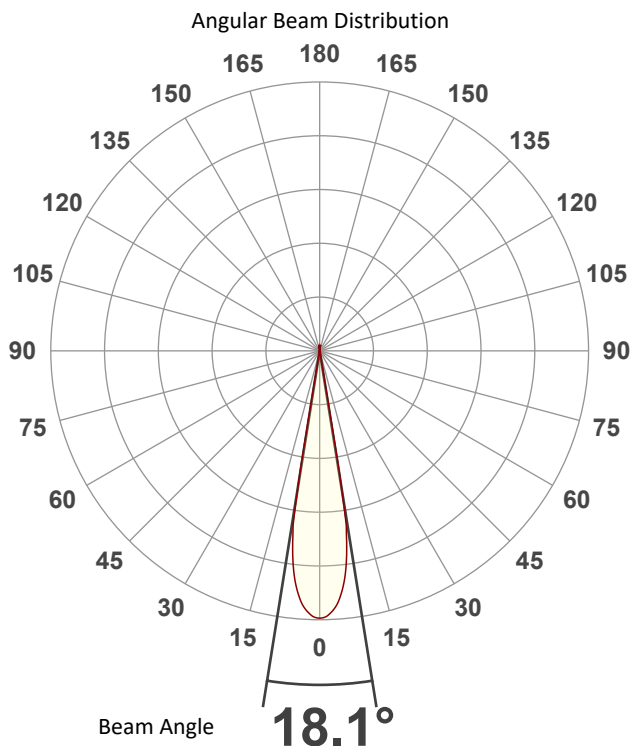
Current: 0.000 A

Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/6/2025 to LM-63-2002 Standards.

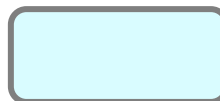
Overall Measurement



Tested Color (CIE 1931):

X: 0.317

Y: 0.330



Light Quality

CRI: 71.5

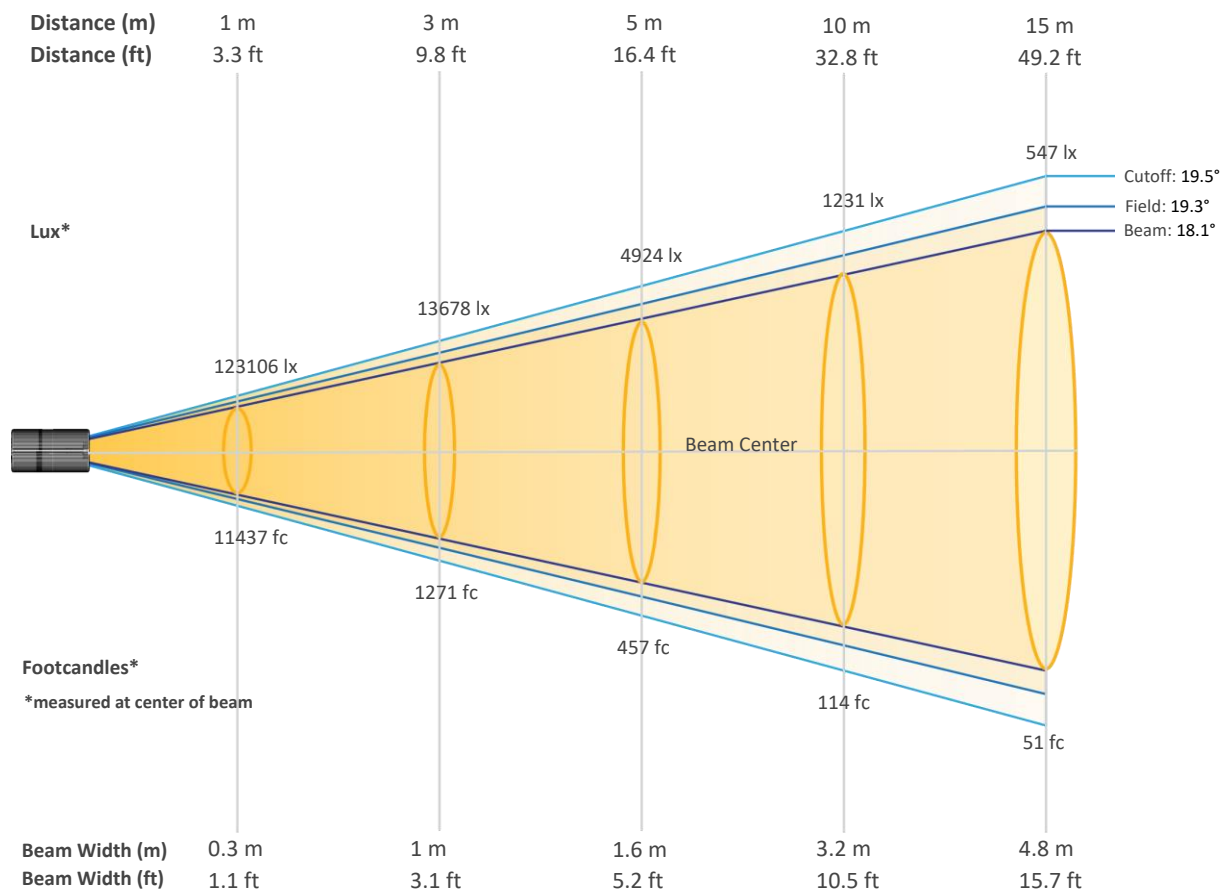
Color Temperature

6278 K

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - TV35-Stable

Beam Details

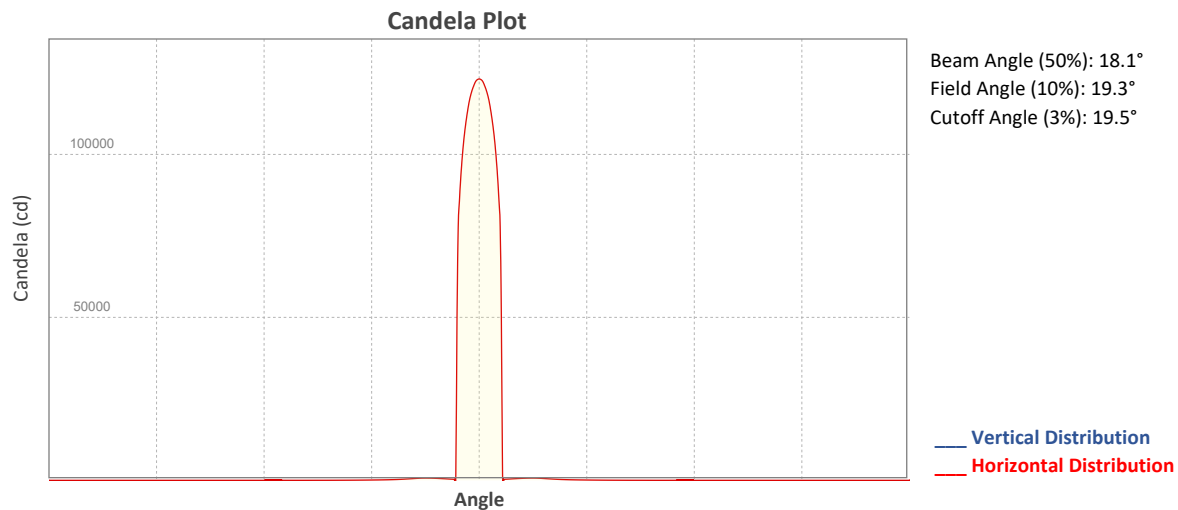


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	123106	30776	13678	7694	4924	3420	2512	1924	1520	1231
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1017	855	728	628	547	481	426	380	341	308
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11437	2859	1271	715	457	318	233	179	141	114
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	95	79	68	58	51	45	40	35	32	29

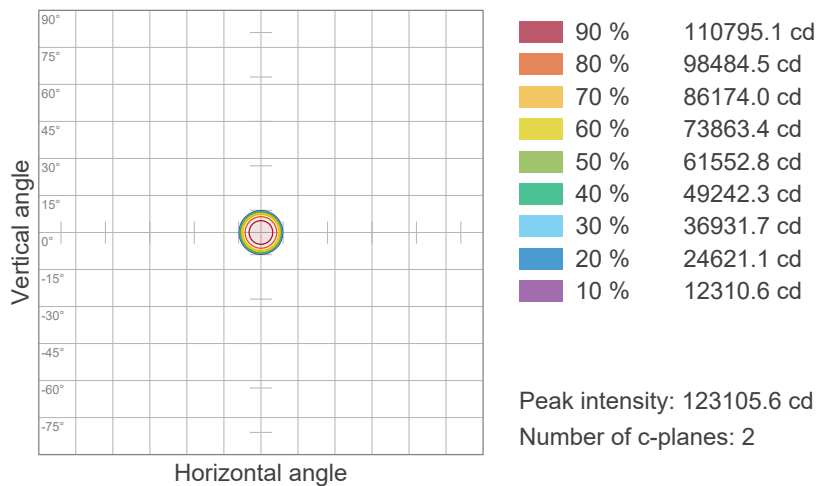
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - TV35-Stable

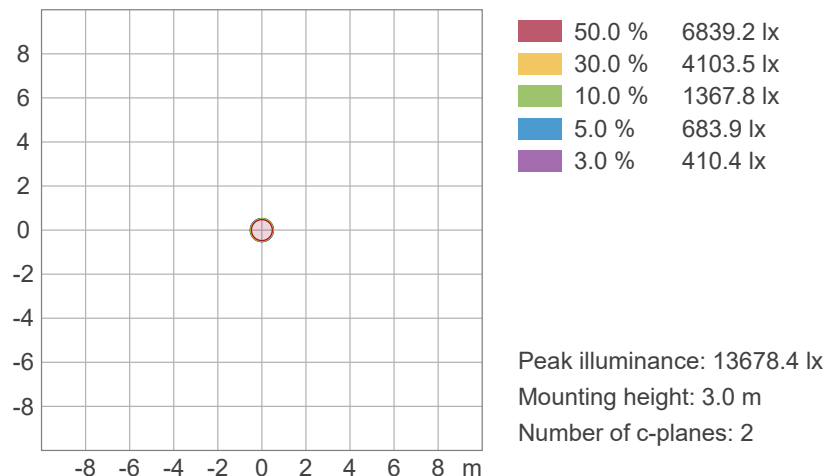


ISO Diagrams

ISO Candela Diagram



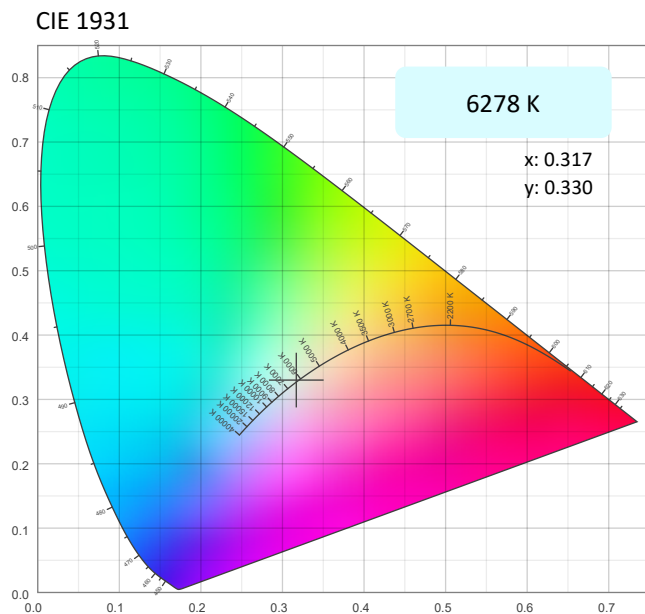
ISO Lux Diagram



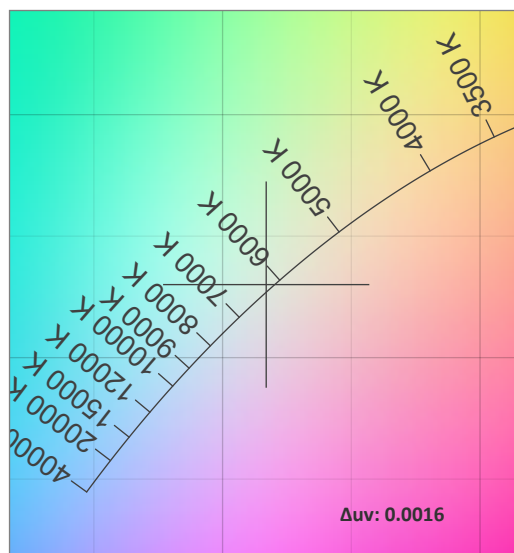
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - TV35-Stable

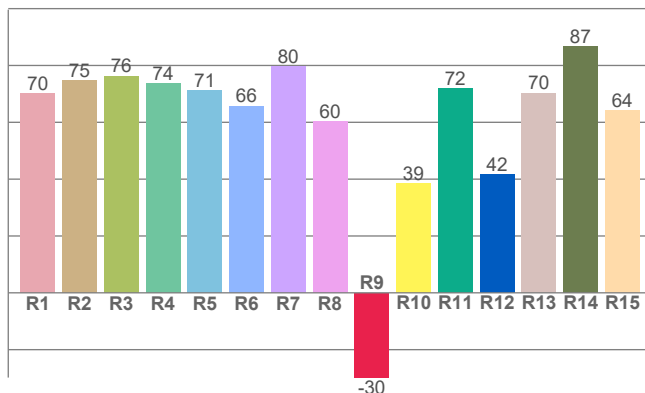
Chromaticity



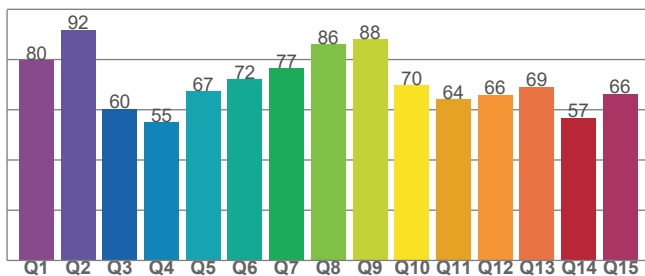
CIE 1931 - Zoom



CRI: 71.5 (R1-R8)



CQS: 69.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6278 K	0.317	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.330	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.5	-29.8	69.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
49	71.7	94.5

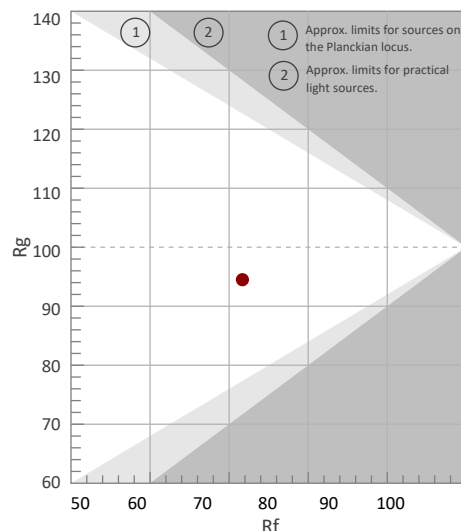
Maverick Force X Spot: 50% Zoom-Full Power - TV35-Stable

Rf 71.7
Fidelity Index
(Rg)

Fidelity Index
(Rg)

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	67	-18%	-4%
2	74	-13%	9%
3	61	-7%	22%
4	66	4%	21%
5	73	11%	12%
6	84	9%	-1%
7	88	0%	-8%
8	78	-10%	-8%
9	79	-18%	5%
10	57	-15%	22%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	7%
14	76	11%	-6%
15	70	9%	-26%
16	77	-5%	-13%



Social Media Platform	Percentage (%)
Facebook	67
Twitter	74
Instagram	61
LinkedIn	66
YouTube	73
WhatsApp	84
Telegram	88
Nextdoor	78
Facebook Messenger	79
Twitter Direct Messages	57
Instagram Direct Messages	55
WhatsApp Status	71
Twitter Retweets	80
Instagram Likes	76
Facebook Shares	70
Twitter Replies	77

Sector	Percentage Change
Agriculture, Forestry and Fishing	-18%
Manufacturing	-13%
Construction	-7%
Wholesale and Retail Trade	+4%
Accommodation and Food Services	+11%
Health and Social Work	+9%
Education	+0%
Government	-10%
Finance and Insurance	-18%
Real Estate	-15%
Arts, Culture and Recreation	-3%
Information and Communication	+5%
Transport and Storage	+14%
Electricity, Gas and Water	+11%
Other sectors	-5%

Bar chart showing Fidelity Index (Rf) for various configurations. The y-axis ranges from 0 to 100. The x-axis lists configurations from C1-S0 to C2-S9. The bars are color-coded in groups: pink (C1-S0 to C1-S11), orange (C1-S12 to C1-S23), yellow (C1-S24 to C1-S35), green (C1-S36 to C1-S47), light green (C1-S48 to C1-S59), teal (C1-S60 to C1-S71), blue (C1-S72 to C1-S83), purple (C1-S84 to C1-S95), and dark purple (C1-S96 to C1-S107). The fidelity index generally increases from left to right, with many configurations reaching 100.

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CRI

Report Summary

Measurements

Fixture Output: 11701 lm
Fixture Peak: 157412 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 6296 lux
Color Temperature: 5599 K
CRI: 91.2 CRI R9 Value: 52.6
CQS: 89.8
TLCI: 78
TM-30 Rf: 88.4
TM-30 Rg: 105.6
Beam Angle (50%): 18.1°
Field Angle (10%): 19.5°
Cutoff Angle (3%): 20.1°

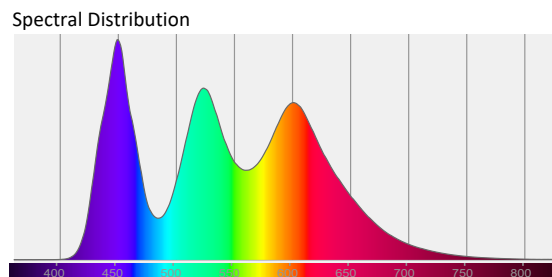
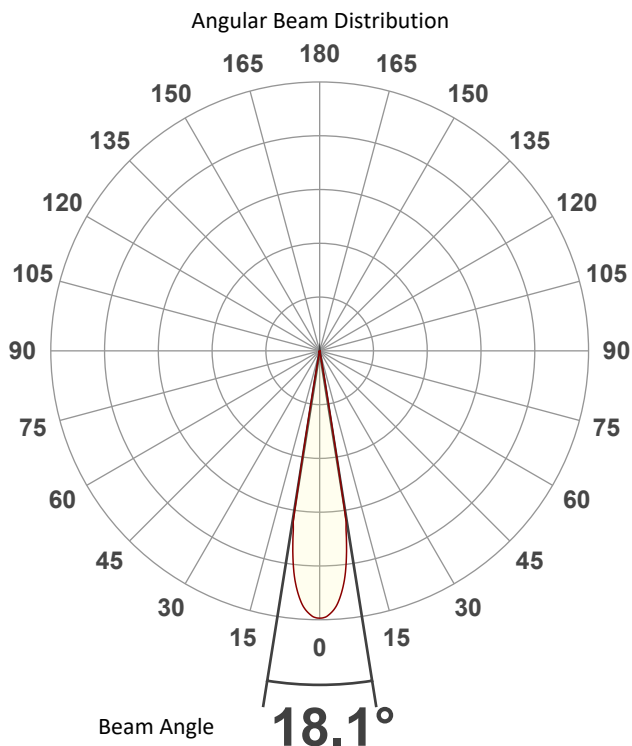
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.330

Y: 0.330

Light Quality

CRI: 91.2

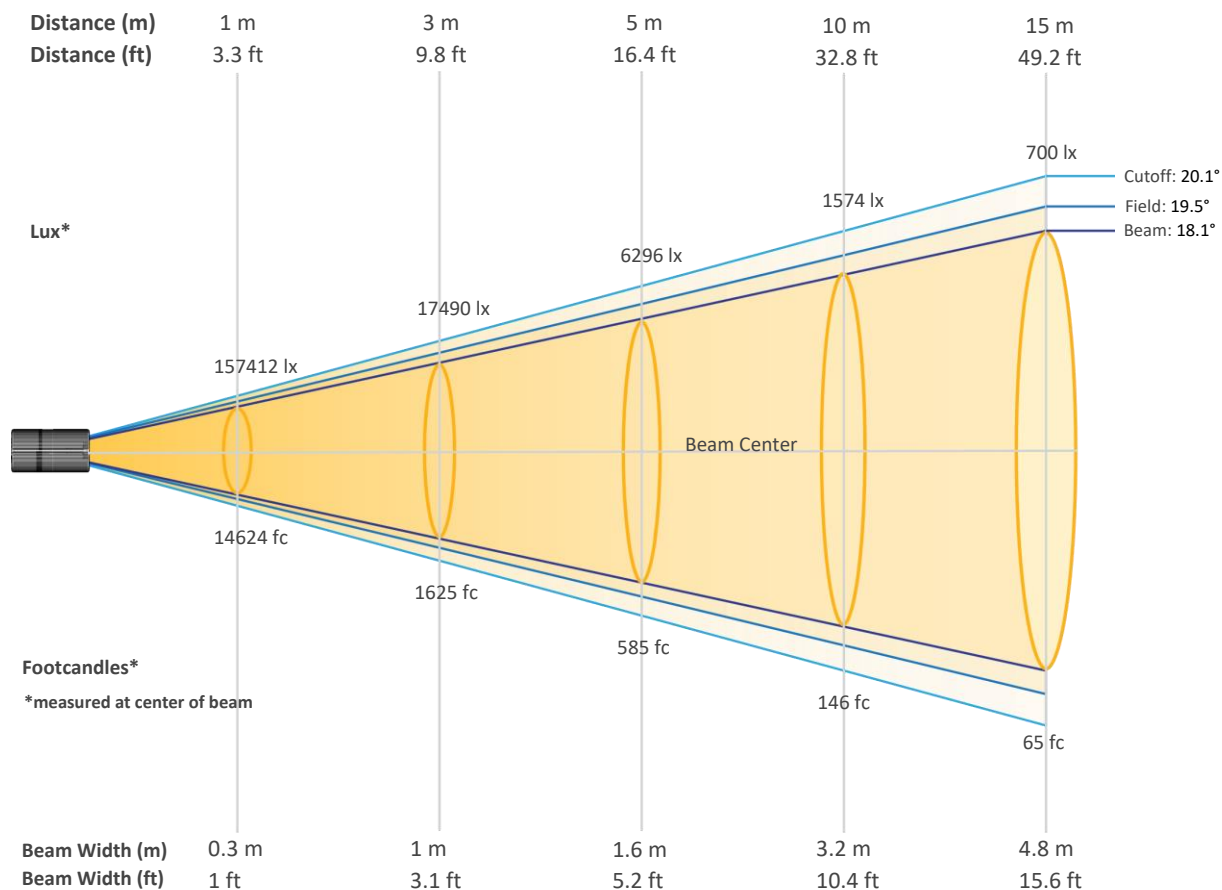
Color Temperature

5599 K

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CRI

Beam Details

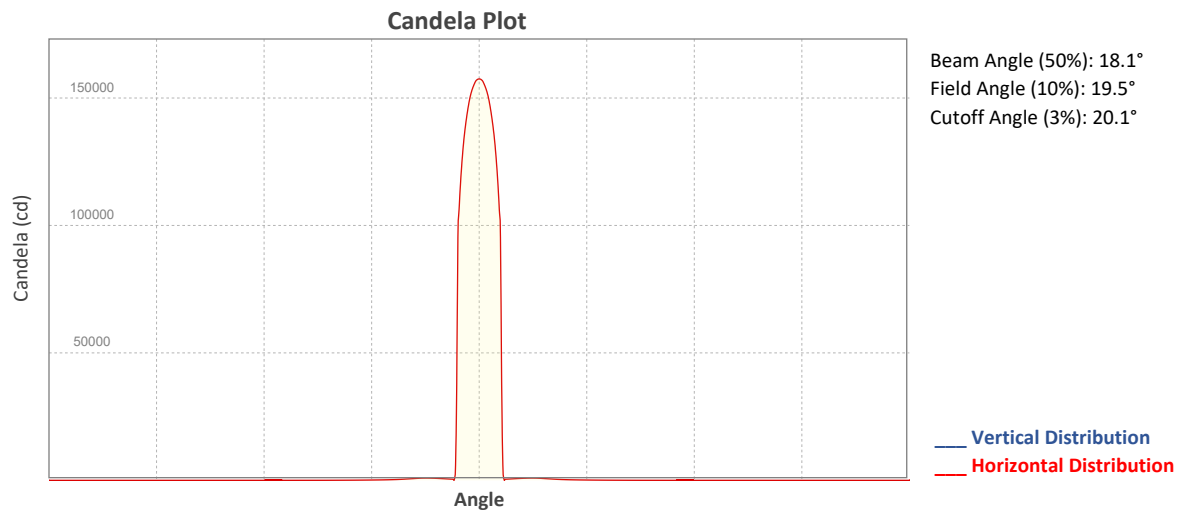


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	157412	39353	17490	9838	6296	4373	3212	2460	1943	1574
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1301	1093	931	803	700	615	545	486	436	394
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14624	3656	1625	914	585	406	298	229	181	146
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	121	102	87	75	65	57	51	45	41	37

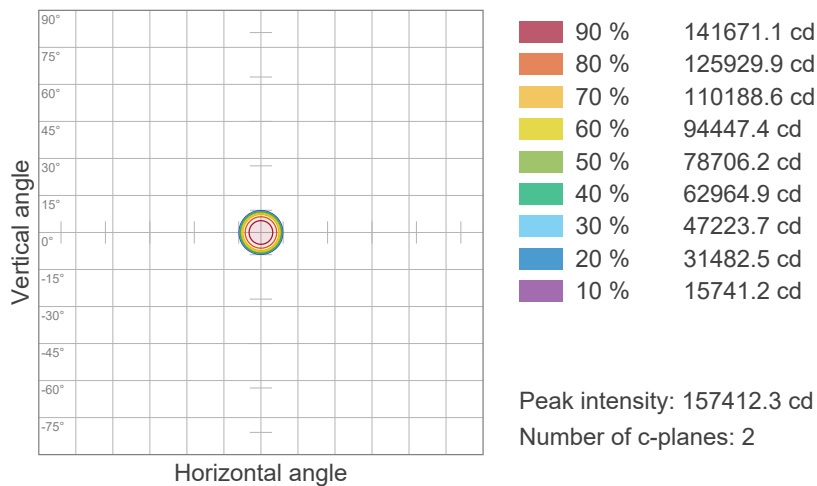
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CRI

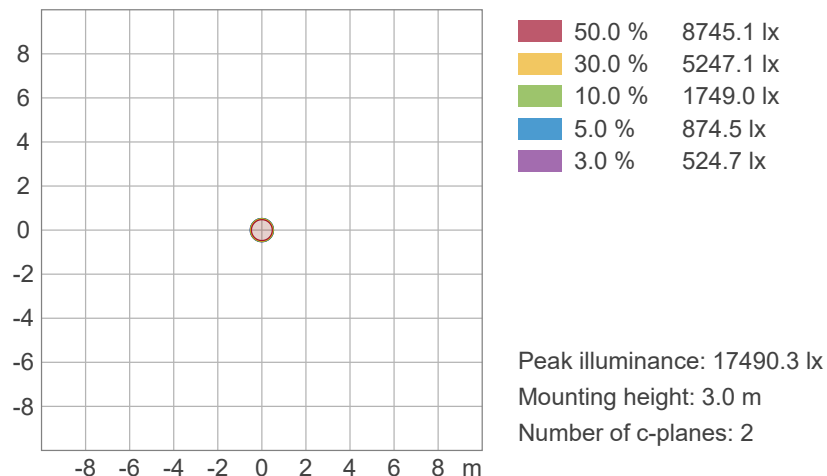


ISO Diagrams

ISO Candela Diagram



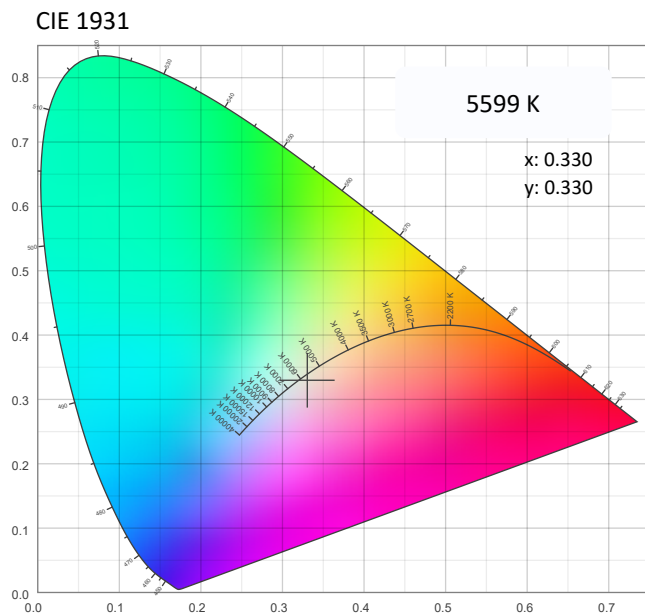
ISO Lux Diagram



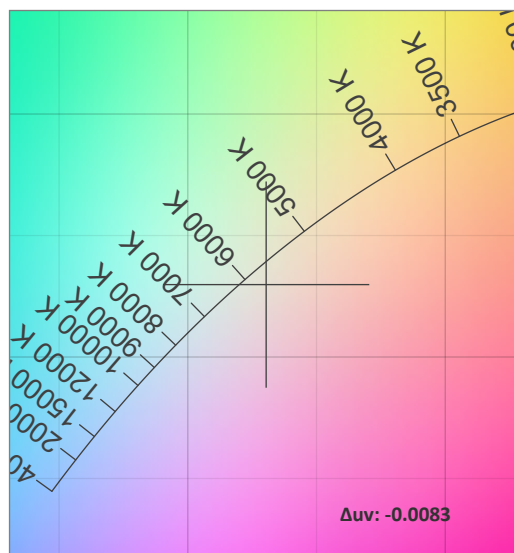
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CRI

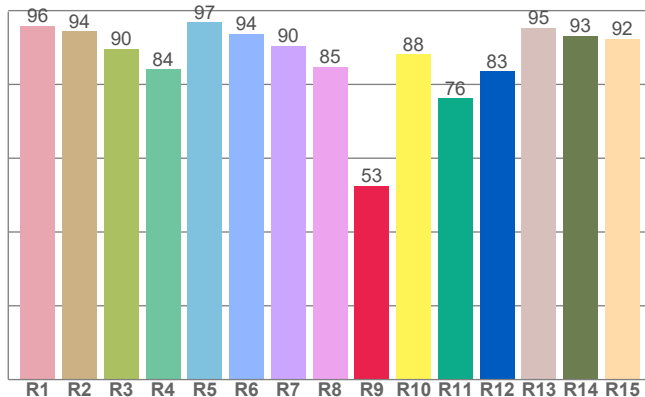
Chromaticity



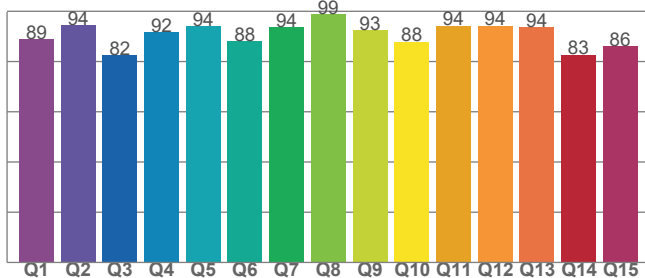
CIE 1931 - Zoom



CRI: 91.2 (R1-R8)



CQS: 89.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5599 K	0.330	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0083	0.330	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.2	52.6	89.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
78	88.4	105.6

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CRI

TM-30 Details

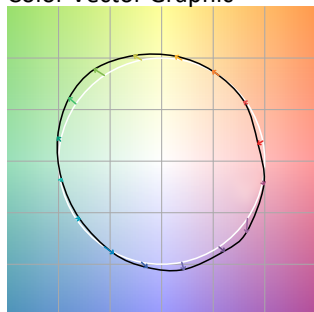
Rf 88.4

Fidelity Index
(Rg)

Rg 105.6

Gammut Index (Rg)

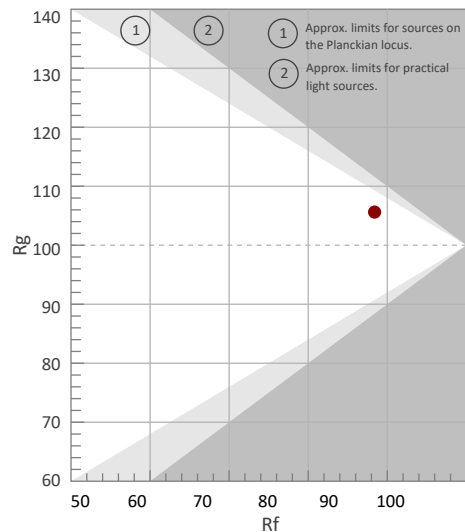
Color Vector Graphic



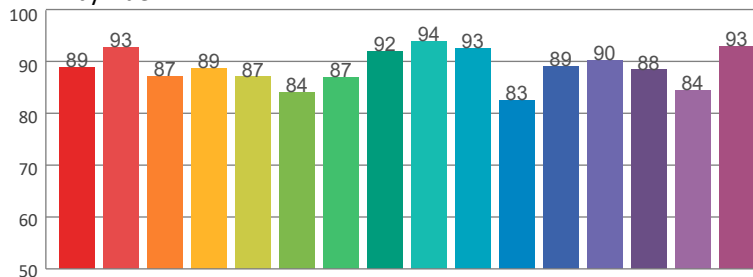
Color Distortion Graphic



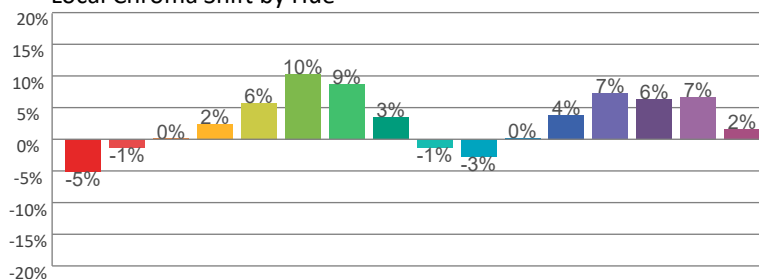
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	89	-5%	-2%
2	93	-1%	4%
3	87	0%	7%
4	89	2%	7%
5	87	6%	6%
6	84	10%	5%
7	87	9%	-1%
8	92	3%	-3%
9	94	-1%	-2%
10	93	-3%	2%
11	83	0%	11%
12	89	4%	6%
13	90	7%	1%
14	88	6%	2%
15	84	7%	-11%
16	93	2%	-3%



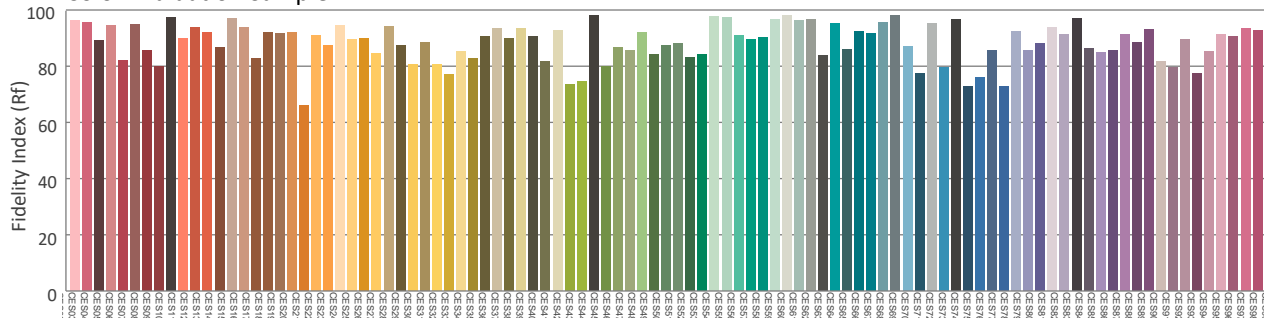
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CTB

Report Summary

Measurements

Fixture Output: 13528 lm
Fixture Peak: 181006 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 7240 lux
Color Temperature: 7946 K
CRI: 76.0 CRI R9 Value: -2.8
CQS: 73.8
TLCI: 58
TM-30 Rf: 75.1
TM-30 Rg: 95.7
Beam Angle (50%): 18°
Field Angle (10%): 19.4°
Cutoff Angle (3%): 20.1°

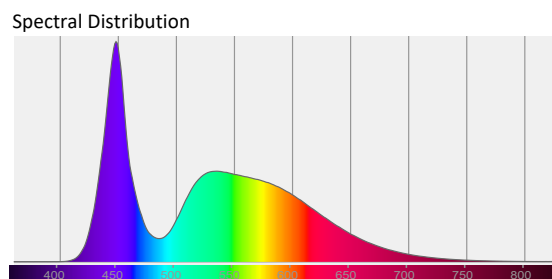
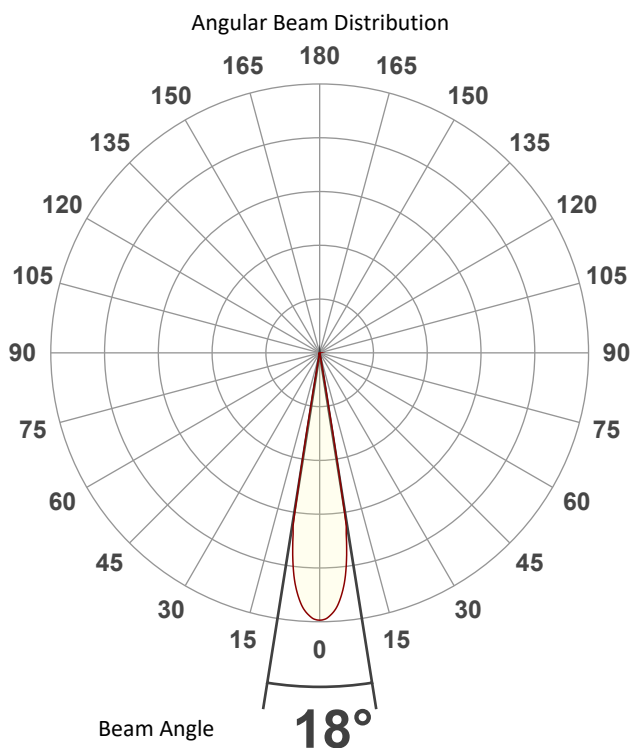
Conditions

AC Supply: 114 V, 60 Hz
Power: 0.0 W
Current: 0.000 A
Power Factor: n/a



This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/5/2025 to LM-63-2002 Standards.

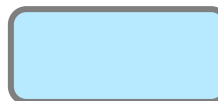
Overall Measurement



Tested Color (CIE 1931):

X: 0.295

Y: 0.306



Light Quality

CRI: 76.0

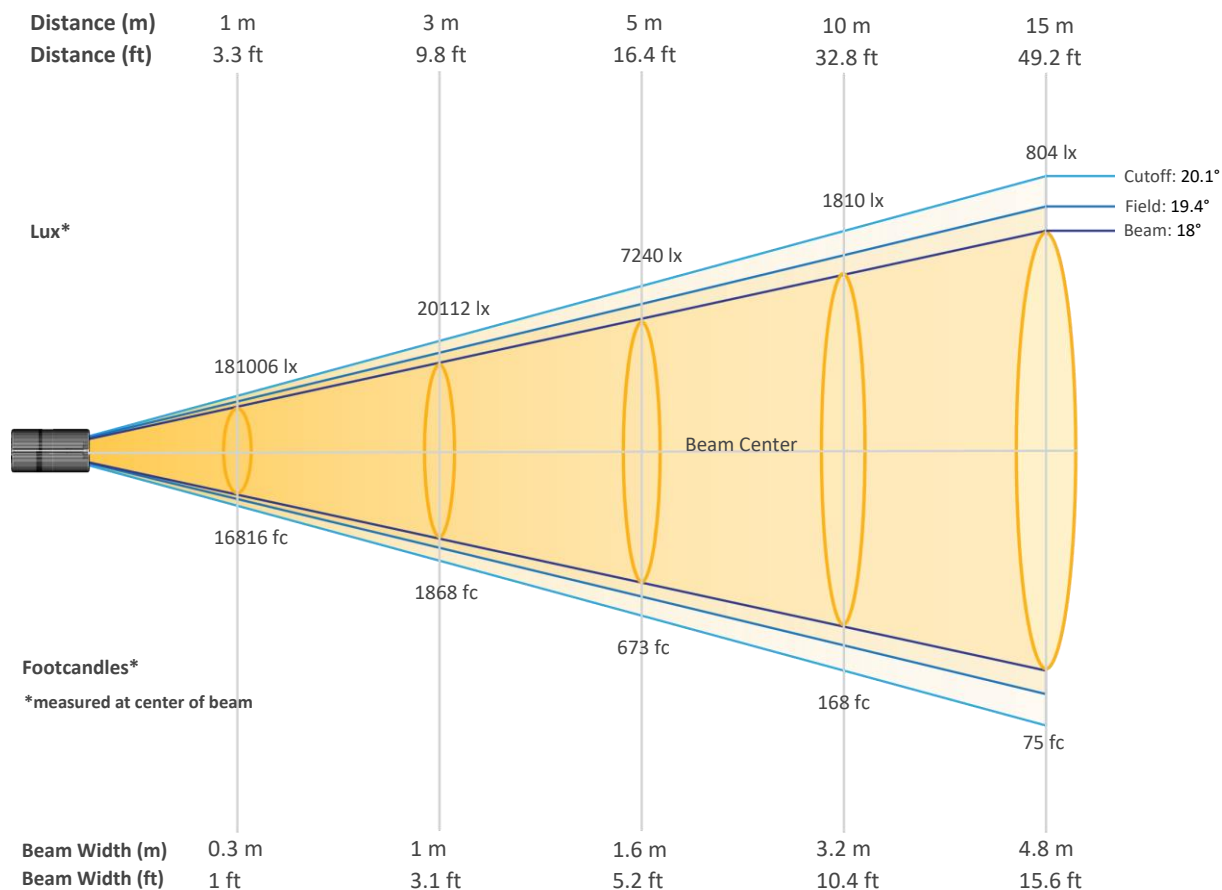
Color Temperature

7946 K

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CTB

Beam Details

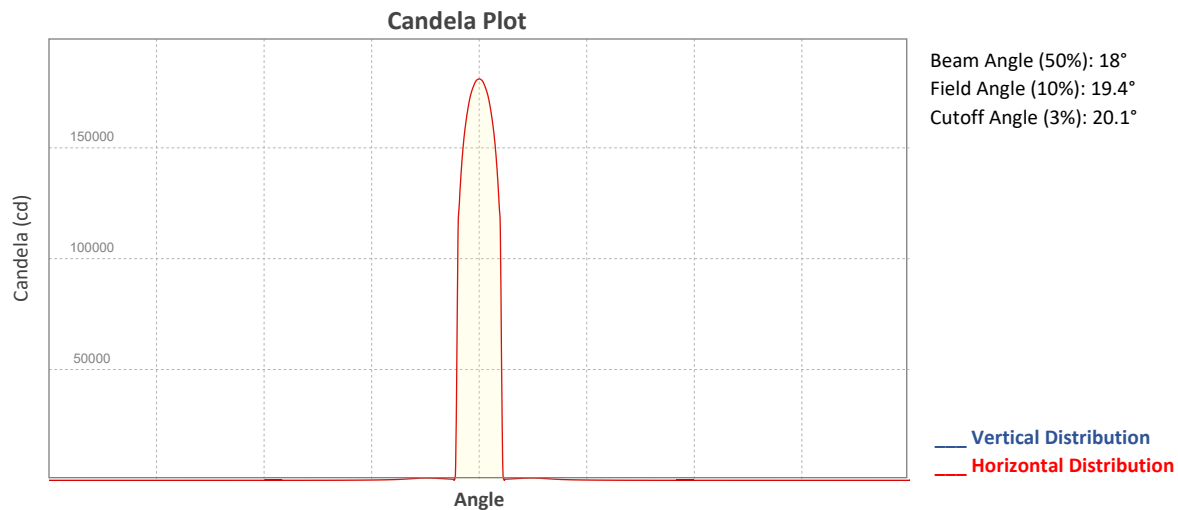


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	181006	45252	20112	11313	7240	5028	3694	2828	2235	1810
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1496	1257	1071	924	804	707	626	559	501	453
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16816	4204	1868	1051	673	467	343	263	208	168
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	139	117	100	86	75	66	58	52	47	42

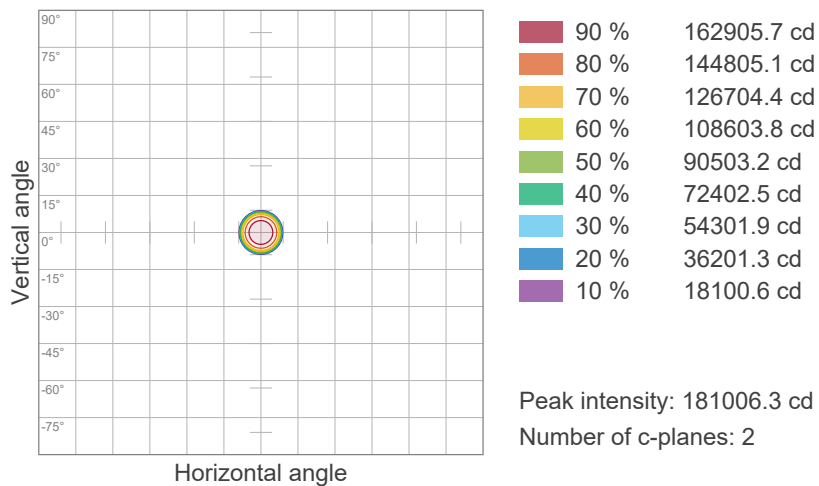
Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CTB

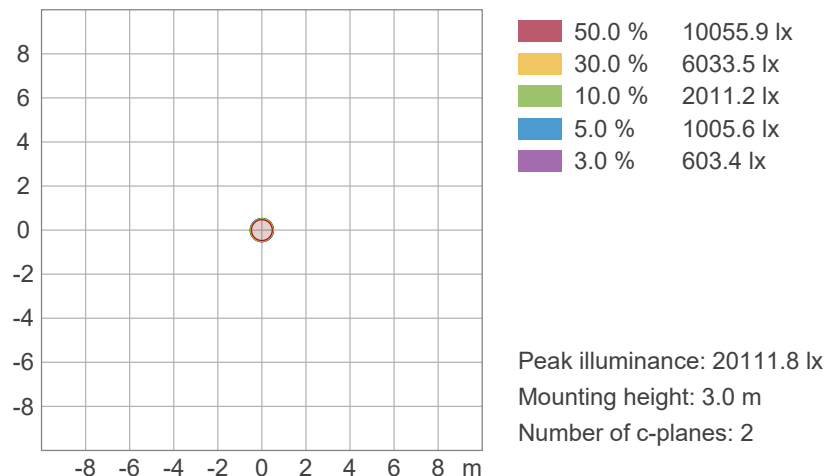


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

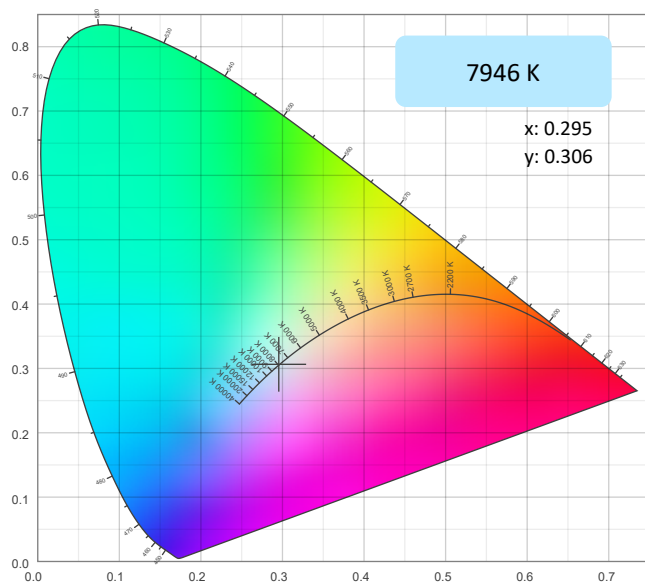


Photometric & Chromaticity Report

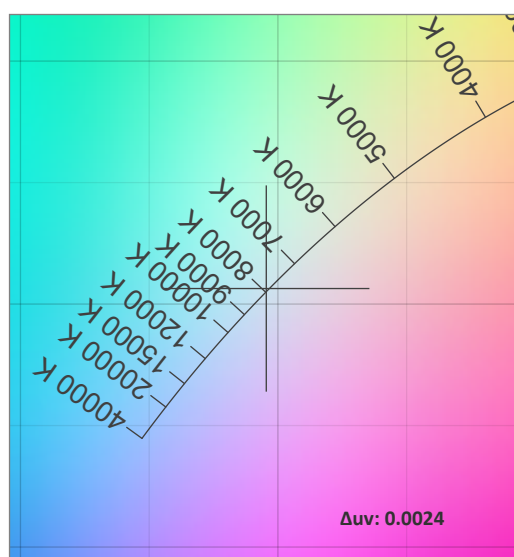
Maverick Force X Spot: 50% Zoom-Full Power - CTB

Chromaticity

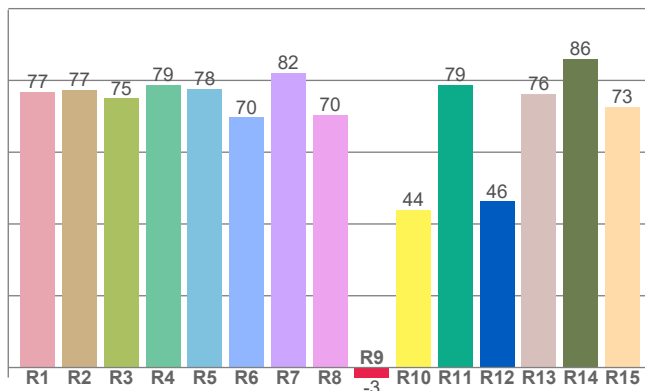
CIE 1931



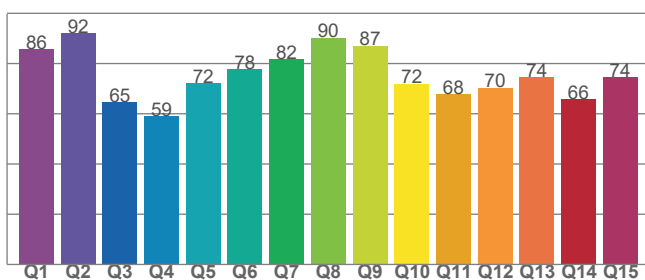
CIE 1931 - Zoom



CRI: 76.0 (R1-R8)



CQS: 73.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7946 K	0.295	0.306

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0024	0.306	0.194

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.0	-2.8	73.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
58	75.1	95.7

Photometric & Chromaticity Report

Maverick Force X Spot: 50% Zoom-Full Power - CTB

TM-30 Details

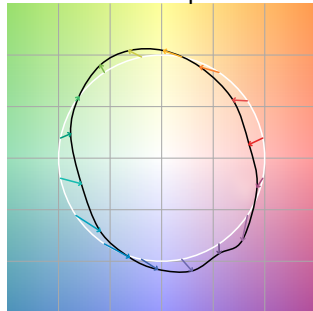
Rf 75.1

Fidelity Index
(Rg)

Rg 95.7

Gammut Index (Rg)

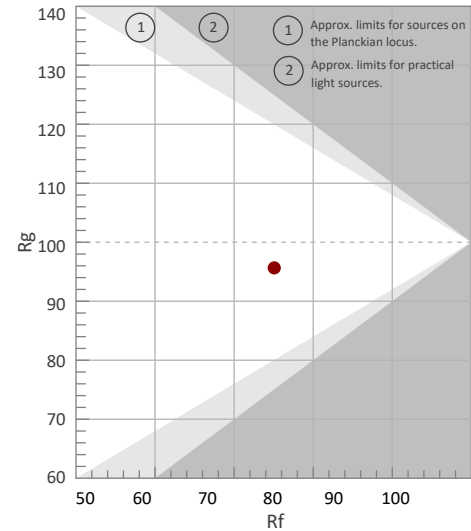
Color Vector Graphic



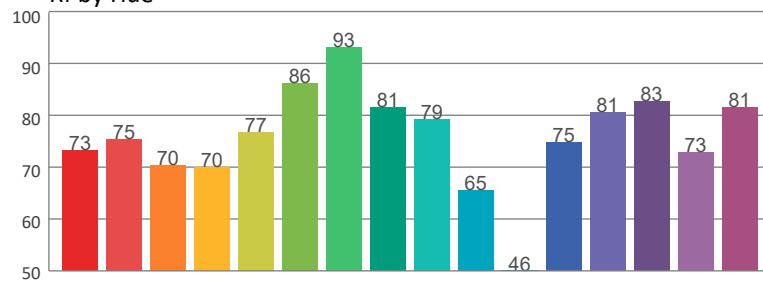
Color Distortion Graphic



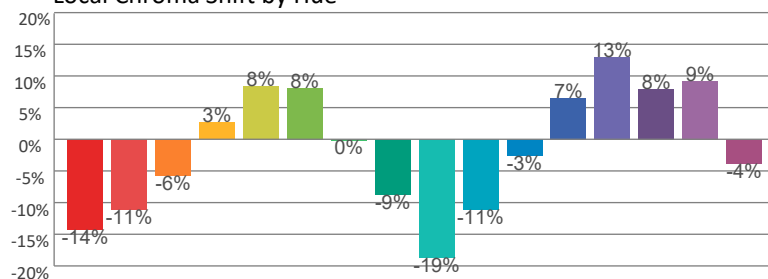
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	73	-14%	-4%
2	75	-11%	8%
3	70	-6%	18%
4	70	3%	18%
5	77	8%	11%
6	86	8%	-1%
7	93	0%	-5%
8	81	-9%	-6%
9	79	-19%	9%
10	65	-11%	25%
11	46	-3%	27%
12	75	7%	17%
13	81	13%	8%
14	83	8%	-5%
15	73	9%	-23%
16	81	-4%	-9%



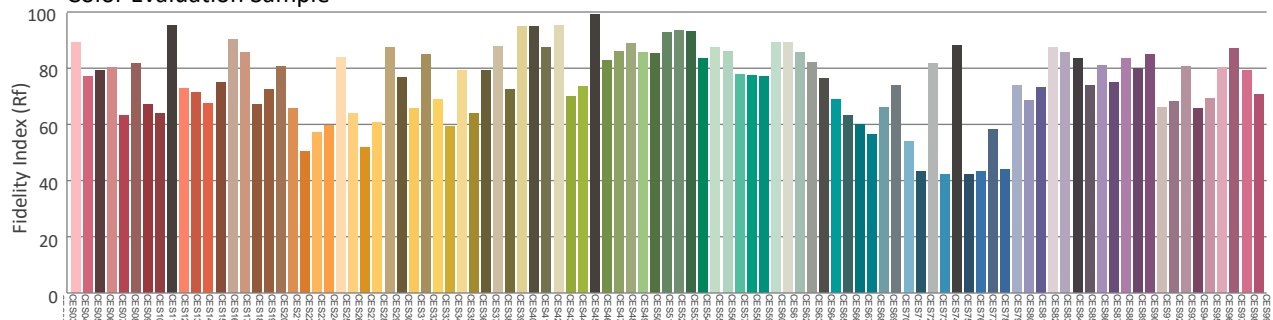
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

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

