

MAVERICK FORCE X PROFILE

PHOTOMETRICS REPORT



Table of Contents

Introduction.....	1
Testing Process.....	1
Total Illuminance Measurements	1
Testing Lab Equipment and Process	1
Photometrics & Chromaticity Reports	2
Full Flood - Full Power	3
Report Summary	3
Overall Measurement.....	3
Beam Details.....	4
ISO Diagrams	5
Chromaticity.....	6
TM-30 Details	7
Full Flood-Full Power - Auto.....	8
Report Summary	8
Overall Measurement.....	8
Beam Details.....	9
ISO Diagrams	10
Chromaticity.....	11
TM-30 Details	12
Full Flood-Full Power - ECO	13
Report Summary	13
Overall Measurement.....	13
Beam Details.....	14
ISO Diagrams	15
Chromaticity.....	16
TM-30 Details	17
Full Flood-Full Power - TV25.....	18
Report Summary	18
Overall Measurement.....	18
Beam Details.....	19
ISO Diagrams	20
Chromaticity.....	21
TM-30 Details	22

Full Flood-Full Power - TV25-Stable	23
Report Summary	23
Overall Measurement.....	23
Beam Details.....	24
ISO Diagrams	25
Chromaticity.....	26
TM-30 Details	27
Full Flood-Full Power - TV35	28
Report Summary	28
Overall Measurement.....	28
Beam Details.....	29
ISO Diagrams	30
Chromaticity.....	31
TM-30 Details	32
Full Flood-Full Power - TV35-Stable	33
Report Summary	33
Overall Measurement.....	33
Beam Details.....	34
ISO Diagrams	35
Chromaticity.....	36
TM-30 Details	37
Full Spot - Full Power	38
Report Summary	38
Overall Measurement.....	38
Beam Details.....	39
ISO Diagrams	40
Chromaticity.....	41
TM-30 Details	42
Full Spot-Full Power - Auto	43
Report Summary	43
Overall Measurement.....	43
Beam Details.....	44
ISO Diagrams	45
Chromaticity.....	46
TM-30 Details	47

Full Spot-Full Power - ECO	48
Report Summary	48
Overall Measurement	48
Beam Details	49
ISO Diagrams	50
Chromaticity	51
TM-30 Details	52
Full Spot-Full Power - TV25	53
Report Summary	53
Overall Measurement	53
Beam Details	54
ISO Diagrams	55
Chromaticity	56
TM-30 Details	57
Full Spot-Full Power - TV25-Stable	58
Report Summary	58
Overall Measurement	58
Beam Details	59
ISO Diagrams	60
Chromaticity	61
TM-30 Details	62
50% Zoom-Full Power - ECO	63
Report Summary	63
Overall Measurement	63
Beam Details	64
ISO Diagrams	65
Chromaticity	66
TM-30 Details	67
Full Spot-Full Power - TV35-Stable	68
Report Summary	68
Overall Measurement	68
Beam Details	69
ISO Diagrams	70
Chromaticity	71
TM-30 Details	72

50% Zoom-Full Power - CRI.....	73
Report Summary	73
Overall Measurement.....	73
Beam Details.....	74
ISO Diagrams	75
Chromaticity.....	76
TM-30 Details	77
50% Zoom-Full Power - CTB.....	78
Report Summary	78
Overall Measurement.....	78
Beam Details.....	79
ISO Diagrams	80
Chromaticity.....	81
TM-30 Details	82
Contact Us.....	83

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.



Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood - Full Power

Report Summary

Measurements

Fixture Output: 18544 lm
Fixture Peak: 30465 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1219 lux
Color Temperature: 6669 K
CRI: 72.5 CRI R9 Value: -26.0
CQS: 70.0
TLCI: 50
TM-30 Rf: 72.4
TM-30 Rg: 94.0
Beam Angle (50%): 52.2°
Field Angle (10%): 55.3°
Cutoff Angle (3%): 57.3°

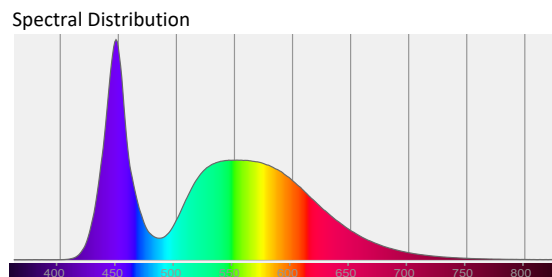
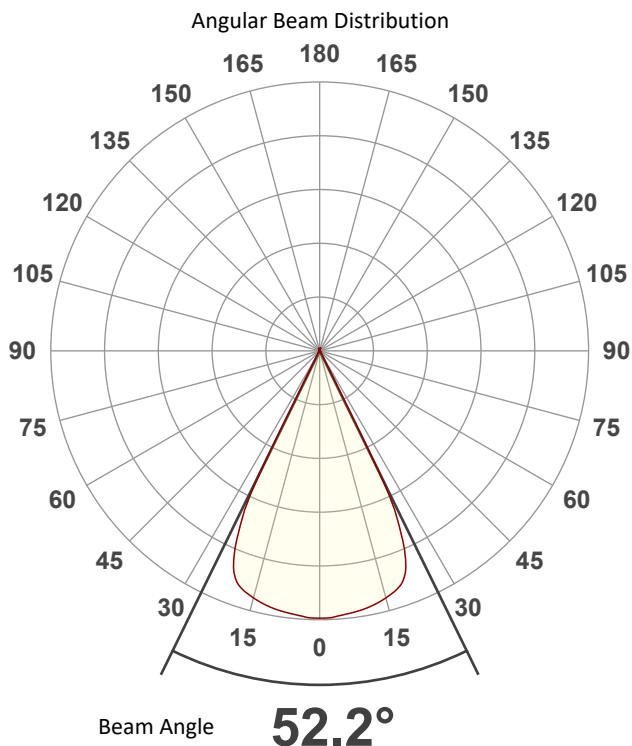
Conditions

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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/4/2025 to LM-63-2002 Standards.

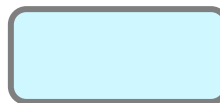
Overall Measurement



Tested Color (CIE 1931):

X: 0.311

Y: 0.324



Light Quality

CRI: 72.5

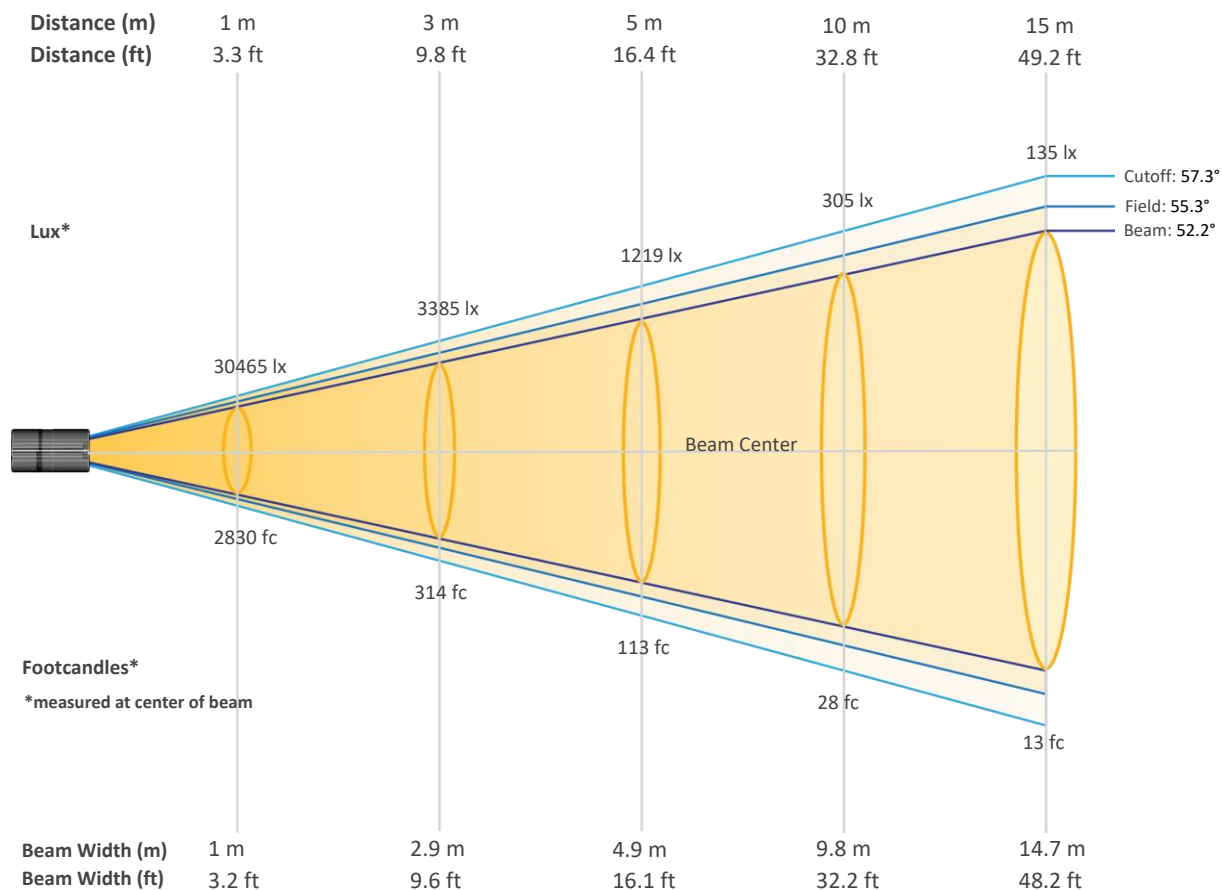
Color Temperature

6669 K

Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood - Full Power

Beam Details

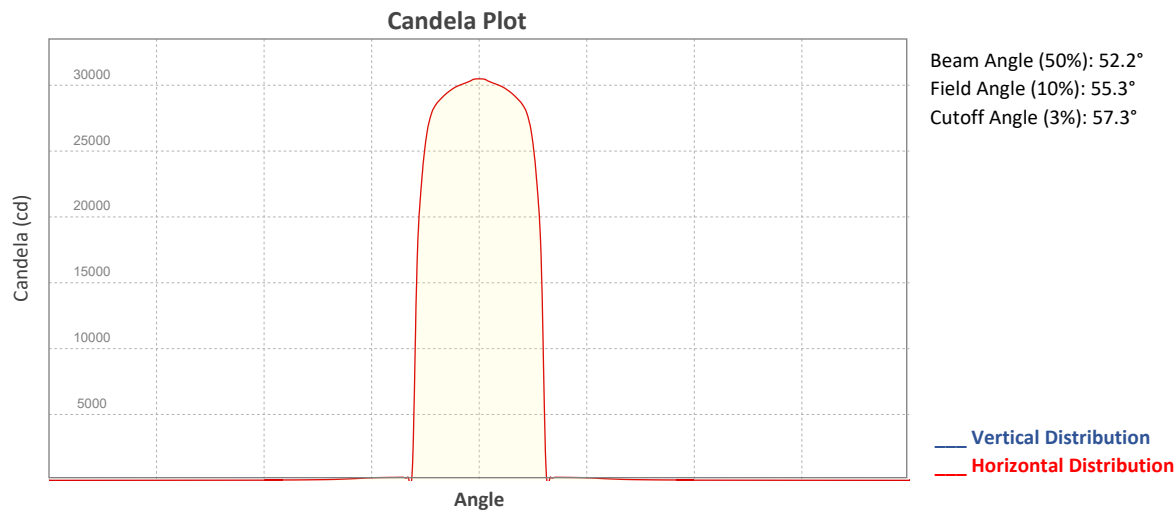


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30465	7616	3385	1904	1219	846	622	476	376	305
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	252	212	180	155	135	119	105	94	84	76
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2830	708	314	177	113	79	58	44	35	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	20	17	14	13	11	10	9	8	7

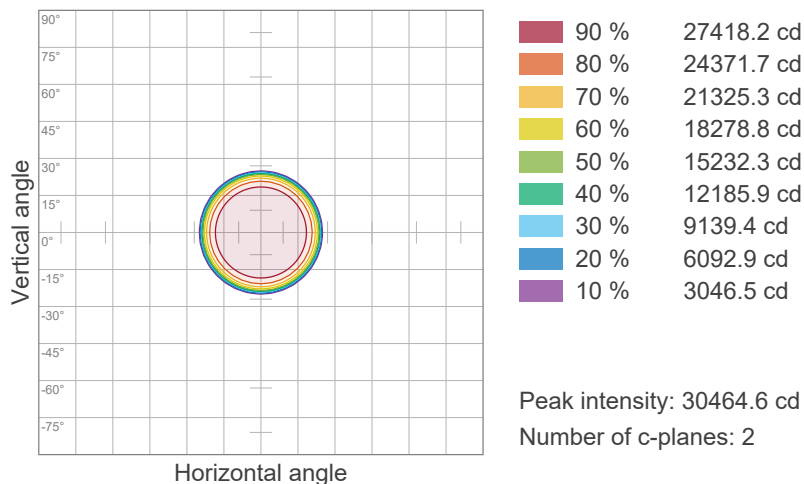
Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood - Full Power

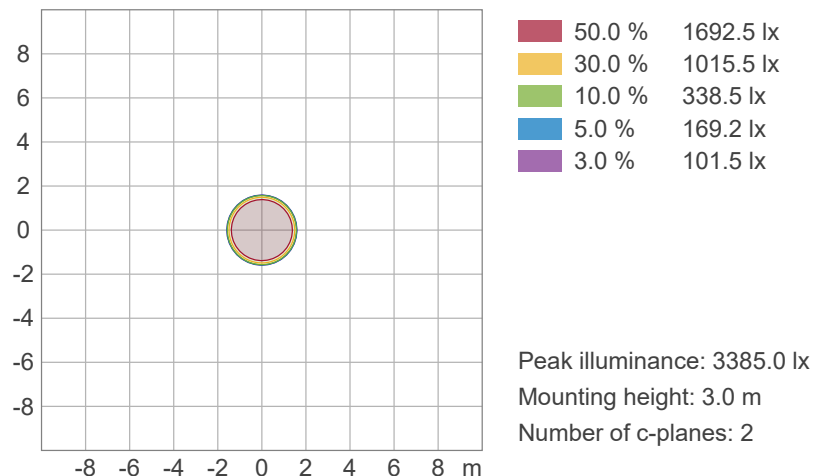


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

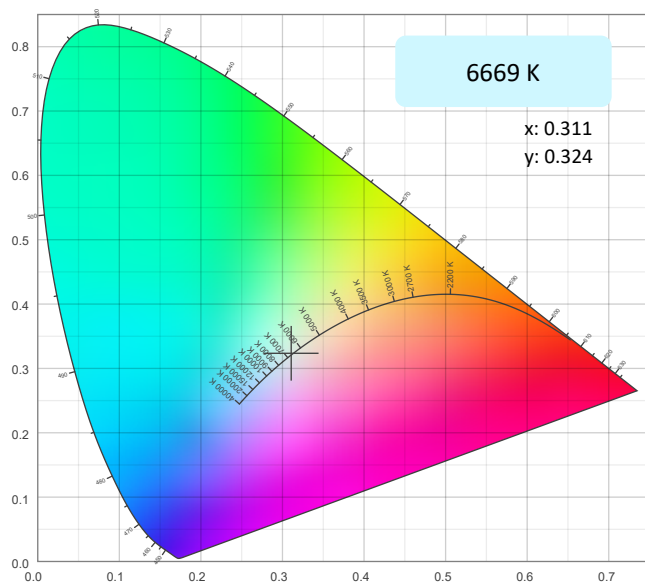


Photometric & Chromaticity Report

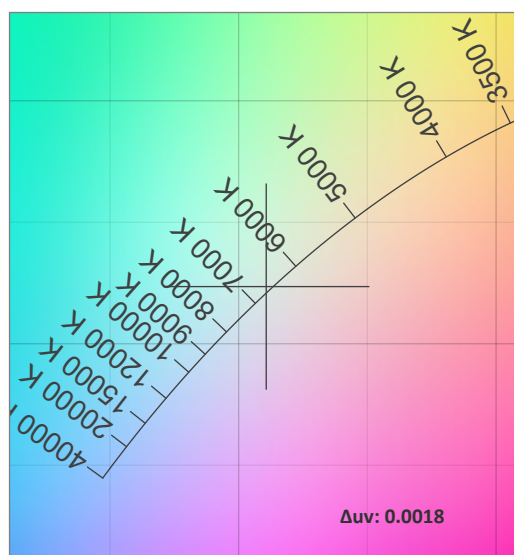
Maverick Force X Profile: Full Flood - Full Power

Chromaticity

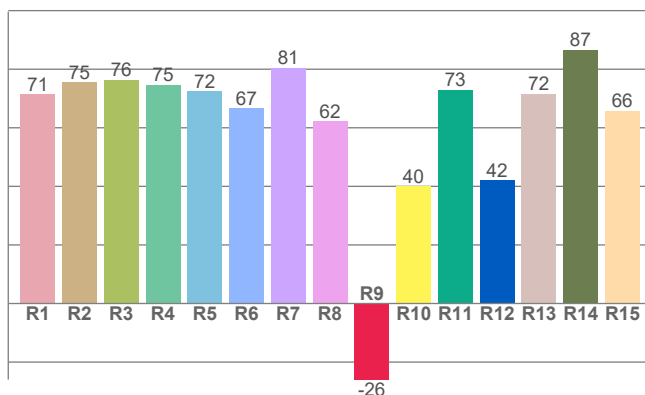
CIE 1931



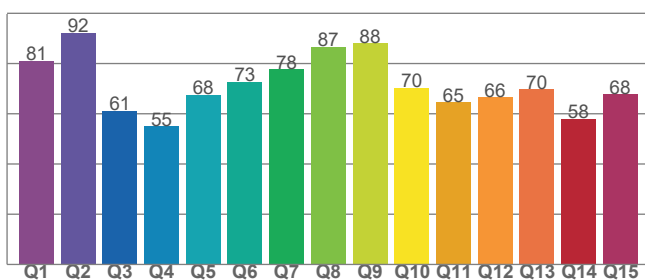
CIE 1931 - Zoom



CRI: 72.5 (R1-R8)



CQS: 70.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6669 K	0.311	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0018	0.324	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.5	-26.0	70.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.4	94.0

Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood - Full Power

TM-30 Details

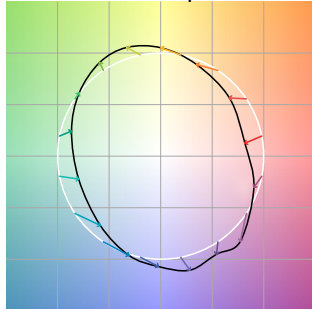
Rf 72.4

Fidelity Index
(Rg)

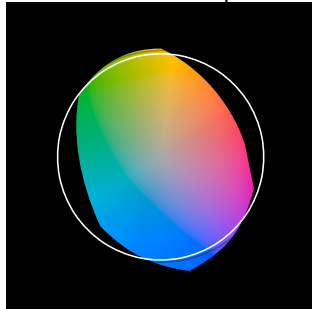
Rg 94.0

Gammut Index (Rg)

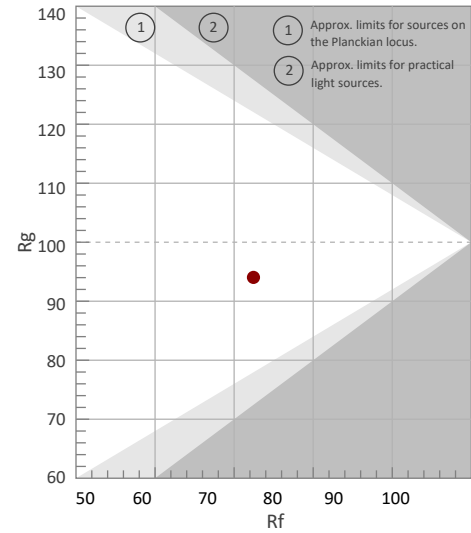
Color Vector Graphic



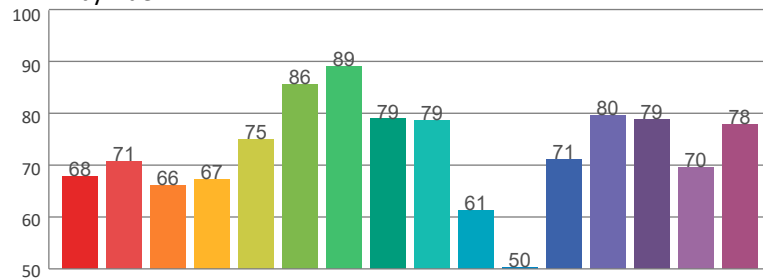
Color Distortion Graphic



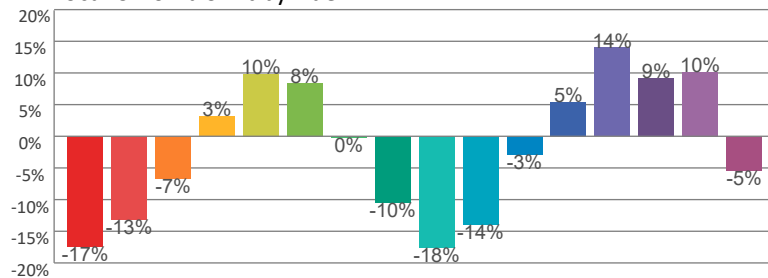
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	20%
4	67	3%	20%
5	75	10%	12%
6	86	8%	-1%
7	89	0%	-7%
8	79	-10%	-7%
9	79	-18%	6%
10	61	-14%	23%
11	50	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-5%	-12%



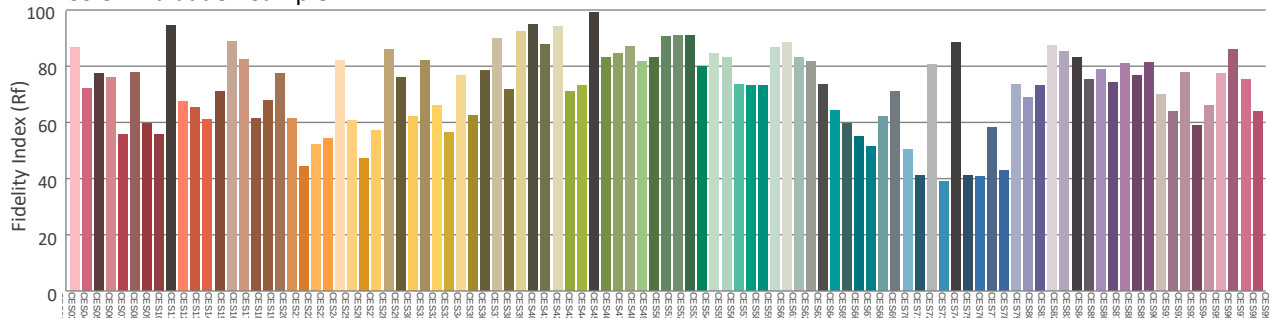
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 18375 lm
Fixture Peak: 30195 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1208 lux
Color Temperature: 6695 K
CRI: 72.7 CRI R9 Value: -25.3
CQS: 70.1
TLCI: 50
TM-30 Rf: 72.6
TM-30 Rg: 94.0
Beam Angle (50%): 52°
Field Angle (10%): 55.5°
Cutoff Angle (3%): 58.6°

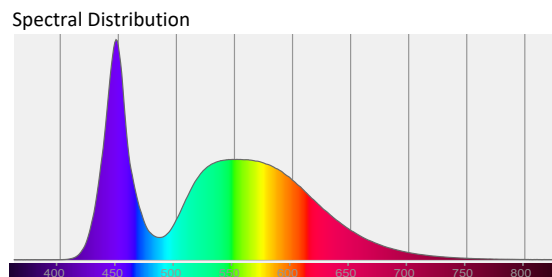
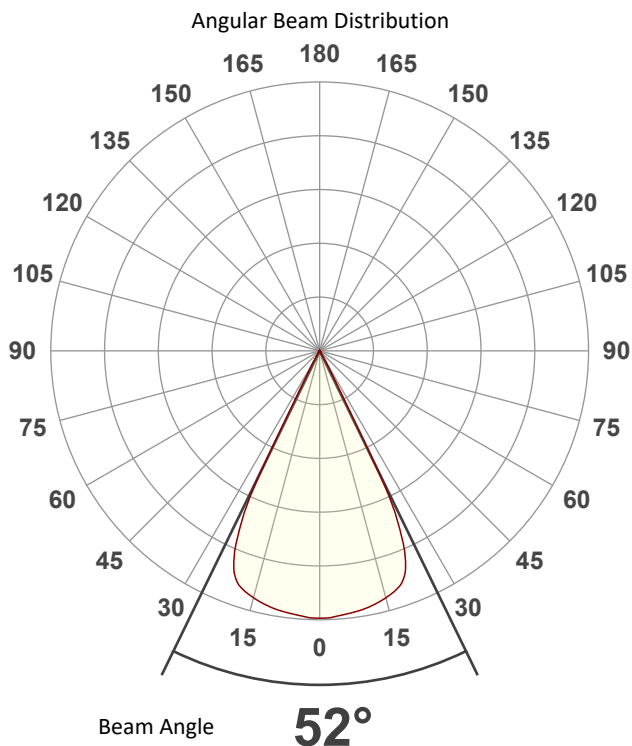


Conditions

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 LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/4/2025 to LM-63-2002 Standards.

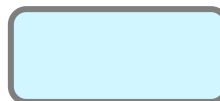
Overall Measurement



Tested Color (CIE 1931):

X: 0.310

Y: 0.323



Light Quality

CRI: 72.7

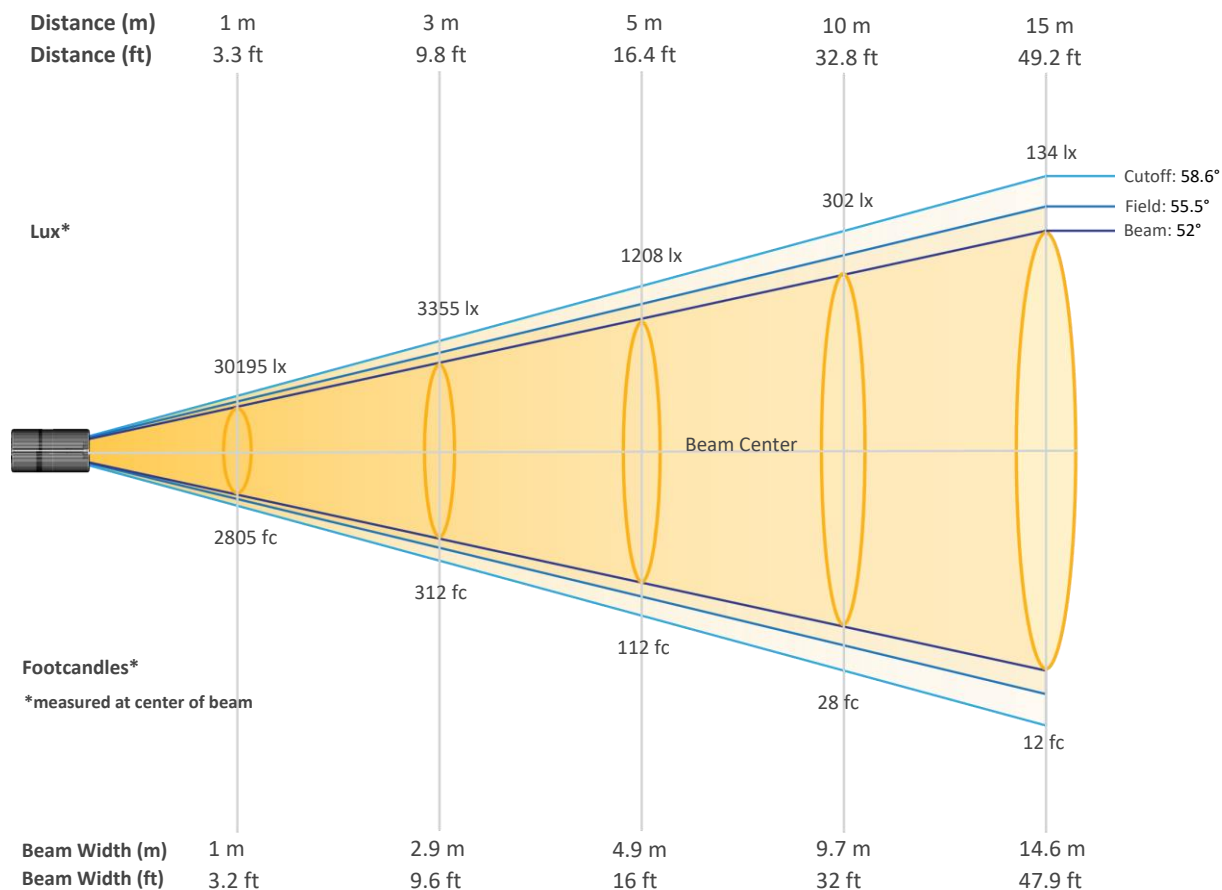
Color Temperature

6695 K

Photometric & Chromaticity Report

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

Beam Details

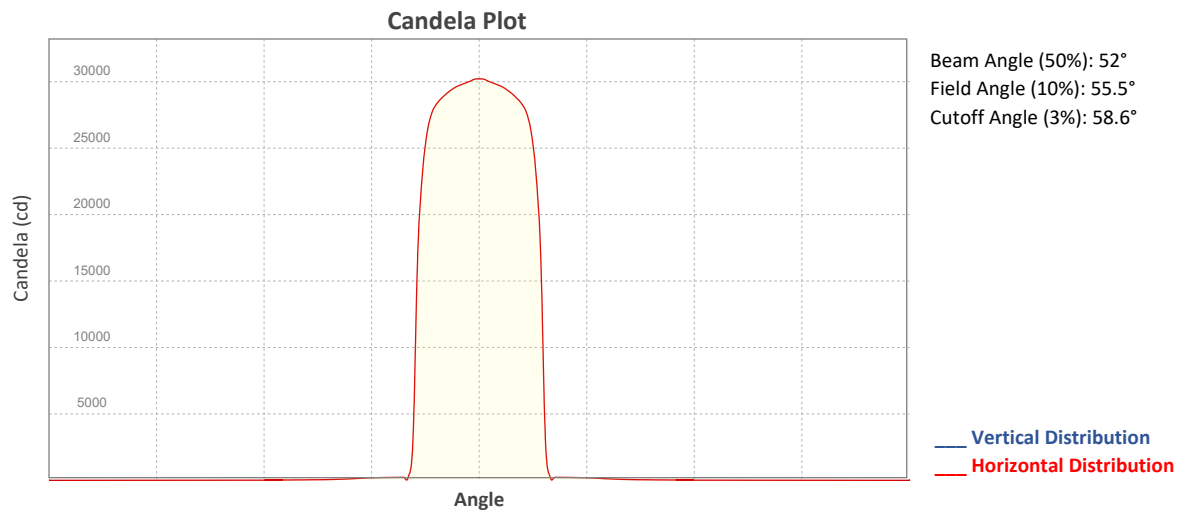


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30195	7549	3355	1887	1208	839	616	472	373	302
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	250	210	179	154	134	118	104	93	84	75
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2805	701	312	175	112	78	57	44	35	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	19	17	14	12	11	10	9	8	7

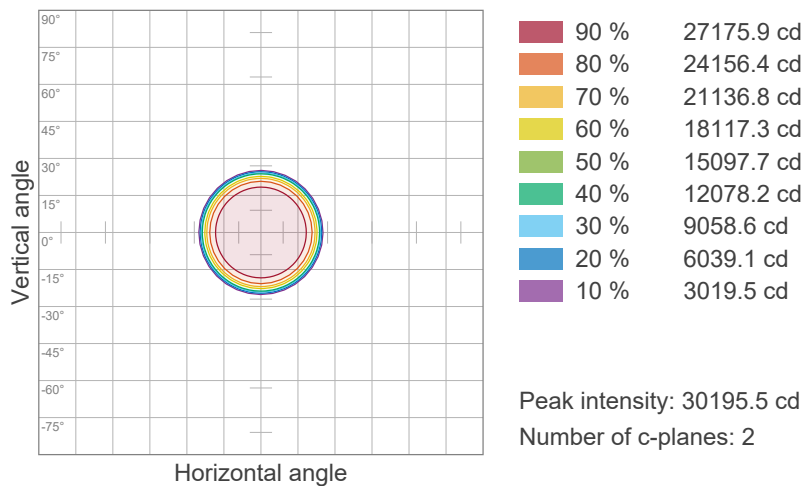
Photometric & Chromaticity Report

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

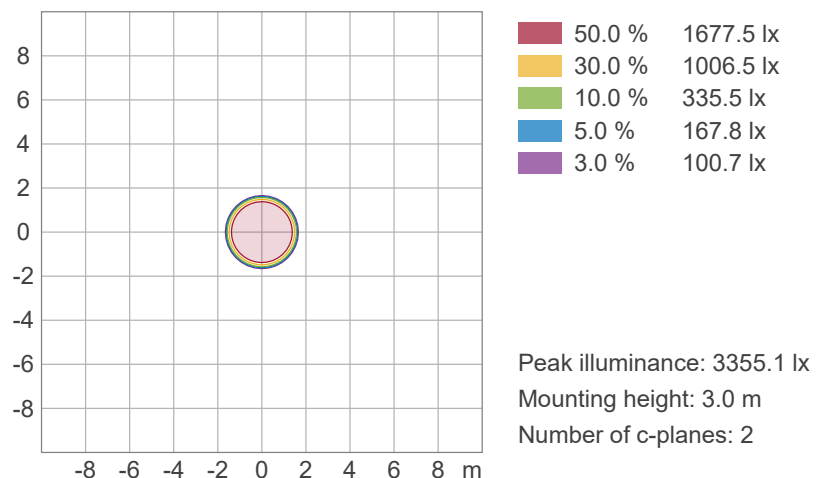


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

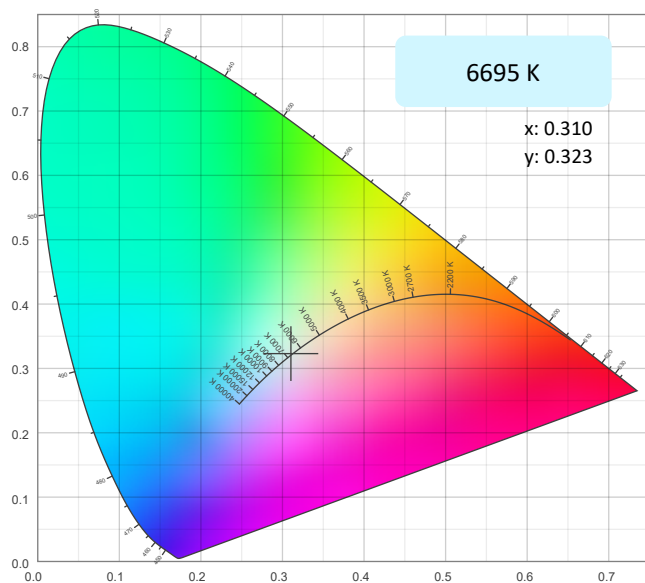


Photometric & Chromaticity Report

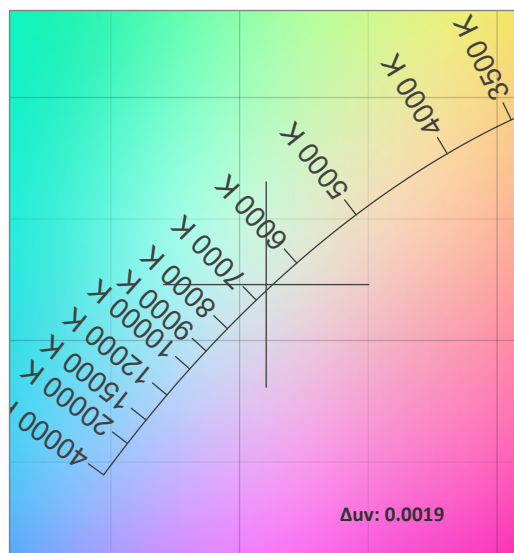
Maverick Force X Profile: Full Flood-Full Power - Auto

Chromaticity

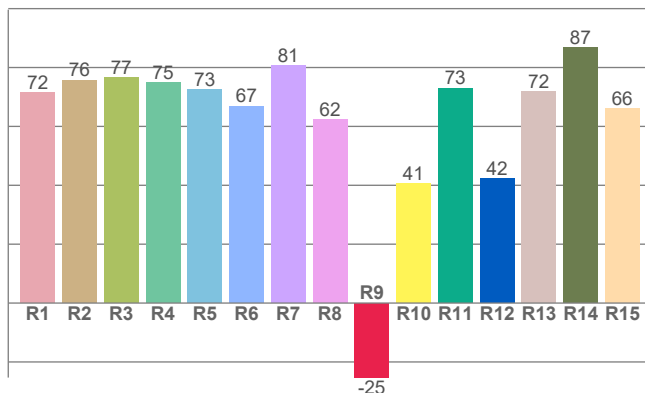
CIE 1931



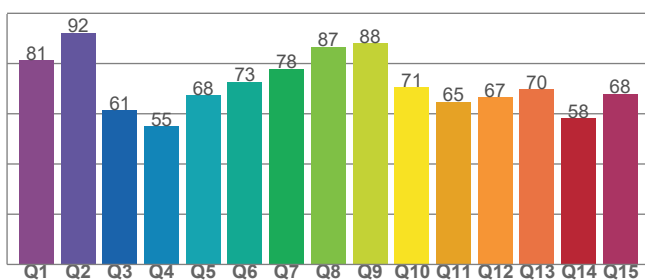
CIE 1931 - Zoom



CRI: 72.7 (R1-R8)



CQS: 70.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6695 K	0.310	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.323	0.198

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.7	-25.3	70.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.6	94.0

Photometric & Chromaticity Report

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

TM-30 Details

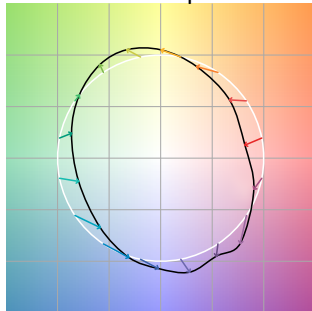
Rf 72.6

Fidelity Index
(Rg)

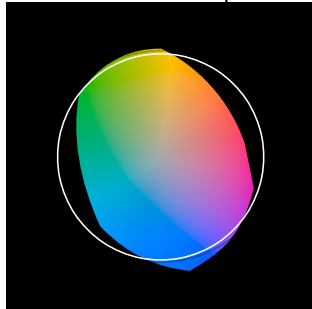
Rg 94.0

Gammut Index (Rg)

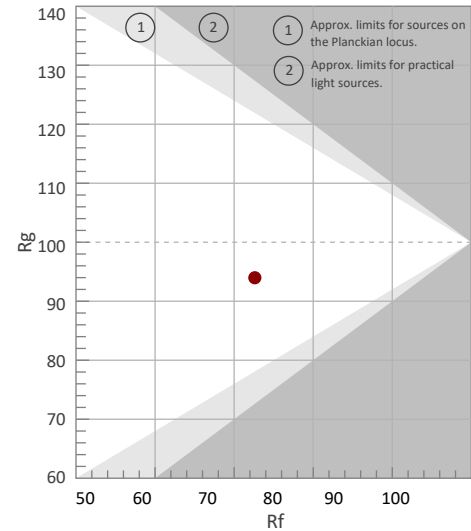
Color Vector Graphic



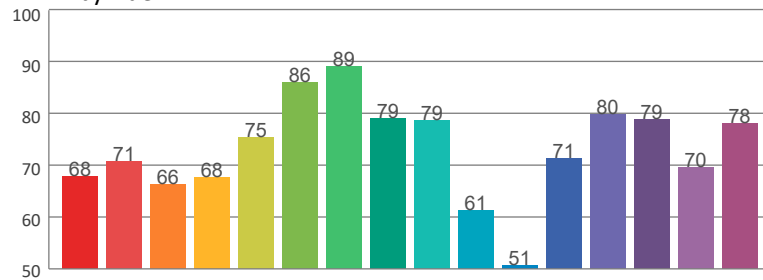
Color Distortion Graphic



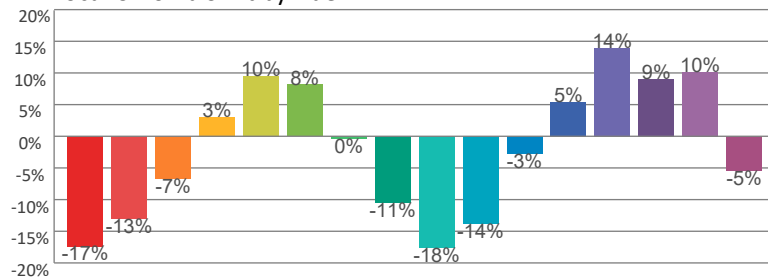
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	20%
4	68	3%	20%
5	75	10%	12%
6	86	8%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	79	-18%	7%
10	61	-14%	23%
11	51	-3%	28%
12	71	5%	18%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-5%	-12%



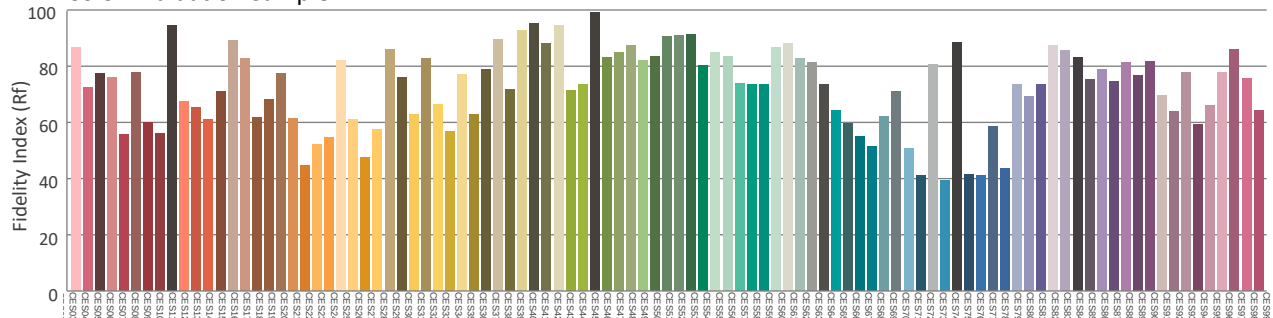
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 18414 lm
Fixture Peak: 30280 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 1211 lux
Color Temperature: 6682 K
CRI: 72.6 CRI R9 Value: -25.4
CQS: 70.0
TLCI: 50
TM-30 Rf: 72.6
TM-30 Rg: 94.0
Beam Angle (50%): 52.3°
Field Angle (10%): 55.3°
Cutoff Angle (3%): 56.2°

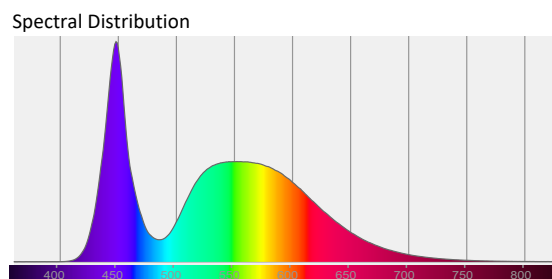
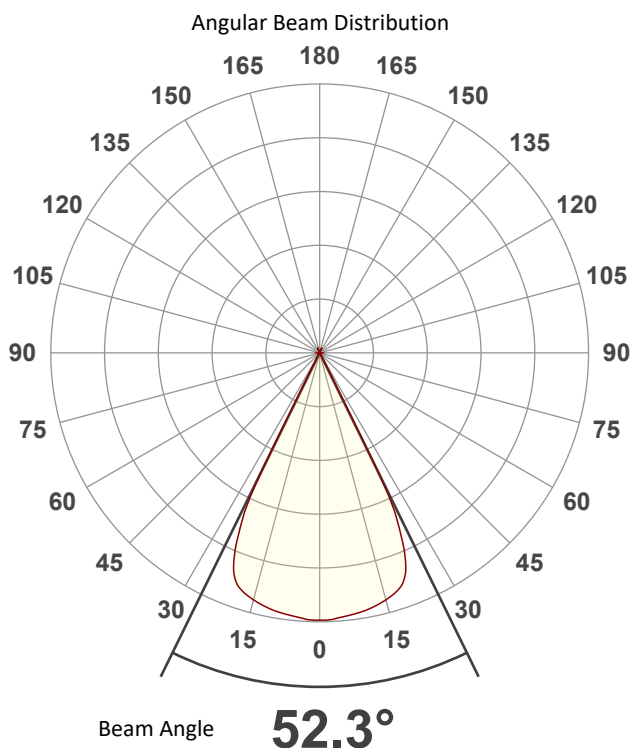
Conditions

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 6/4/2025 to LM-63-2002 Standards.

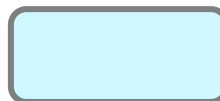
Overall Measurement



Tested Color (CIE 1931):

X: 0.311

Y: 0.323



Light Quality

CRI: 72.6

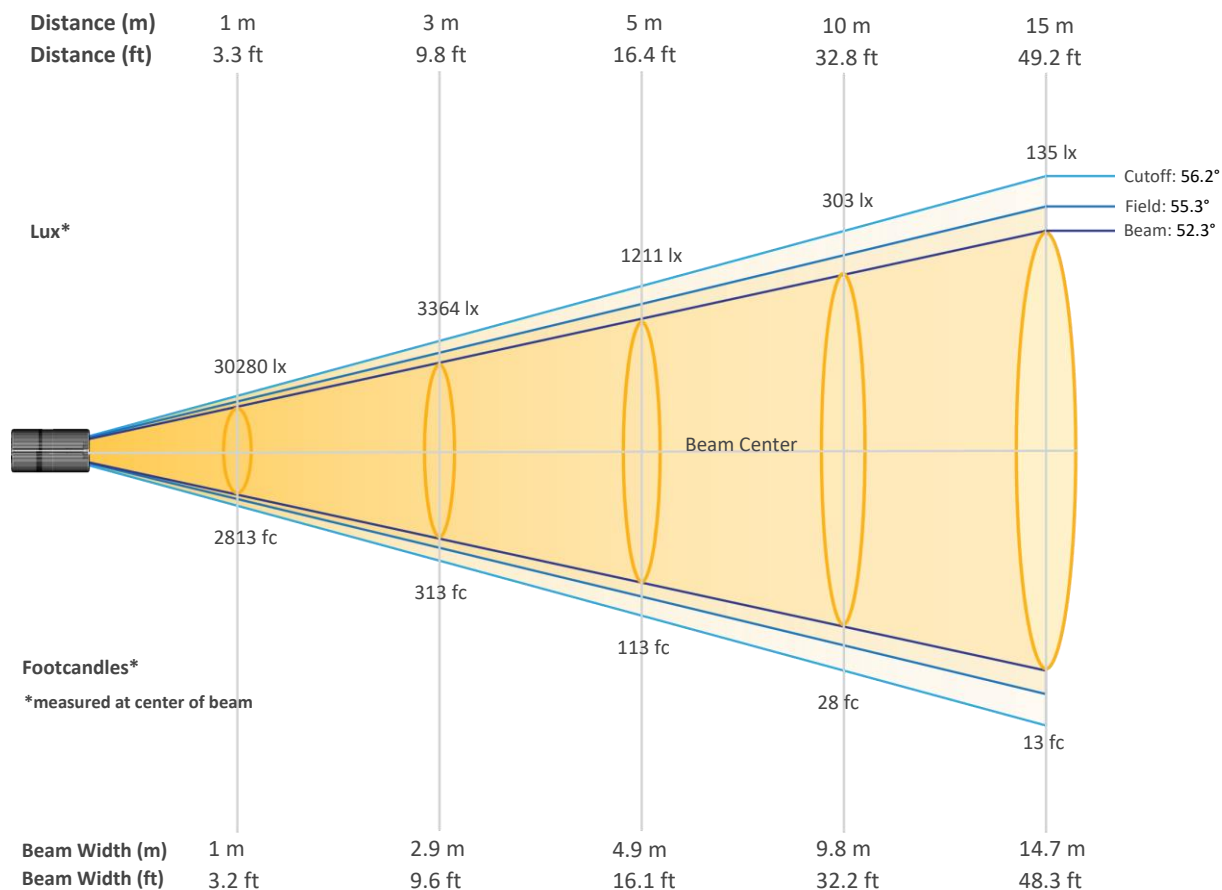
Color Temperature

6682 K

Photometric & Chromaticity Report

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

Beam Details

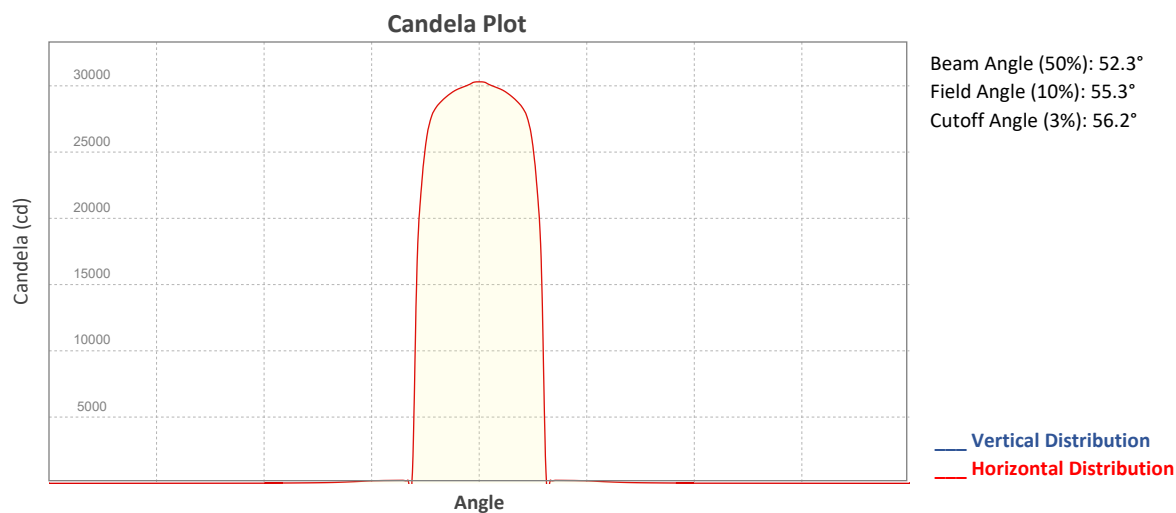


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30280	7570	3364	1893	1211	841	618	473	374	303
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	250	210	179	154	135	118	105	93	84	76
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2813	703	313	176	113	78	57	44	35	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	20	17	14	13	11	10	9	8	7

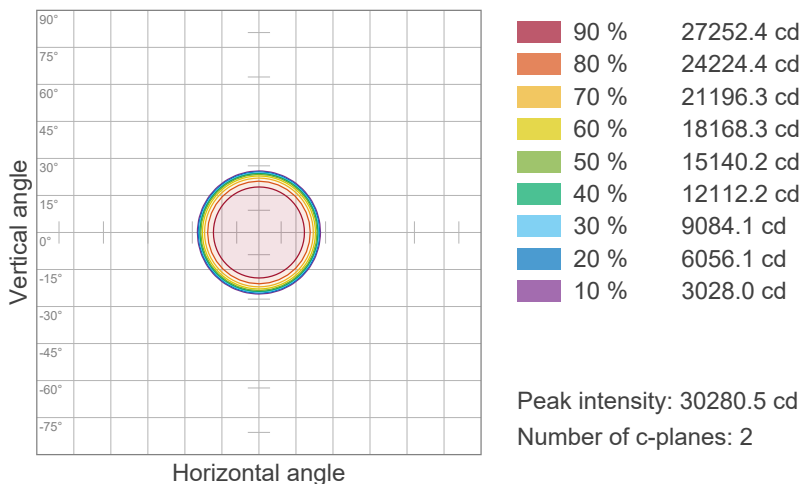
Photometric & Chromaticity Report

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

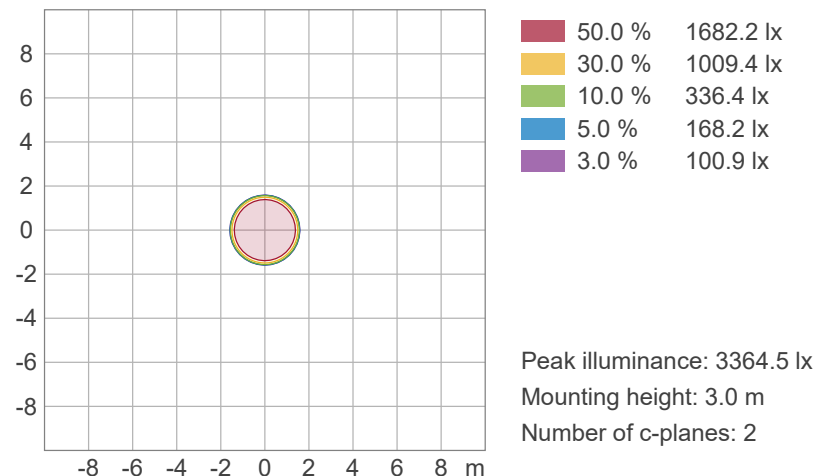


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

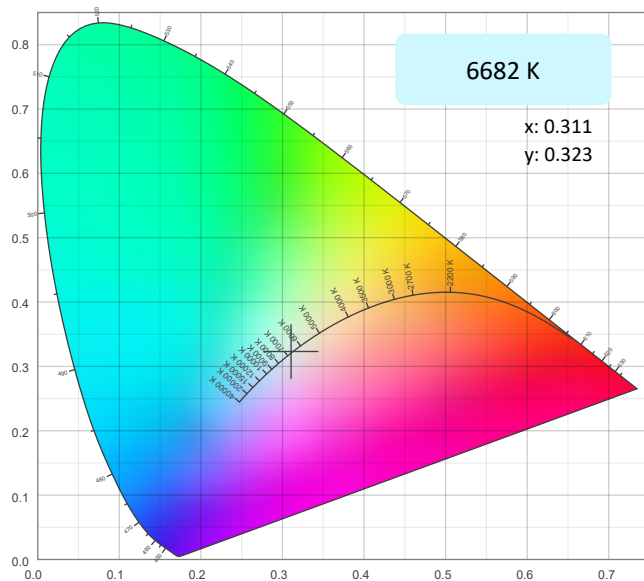


Photometric & Chromaticity Report

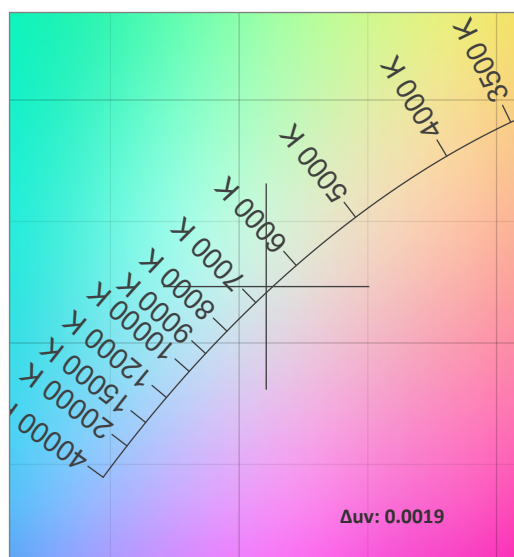
Maverick Force X Profile: Full Flood-Full Power - ECO

Chromaticity

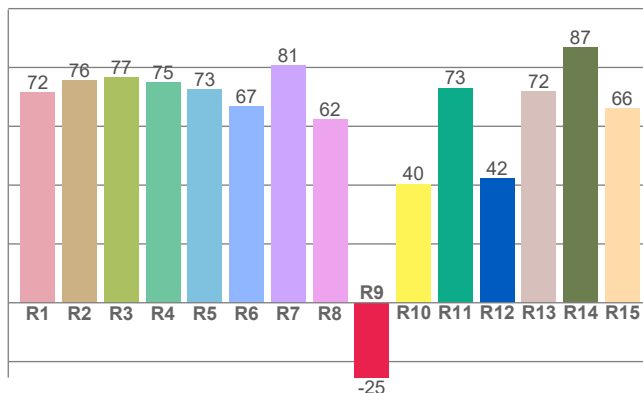
CIE 1931



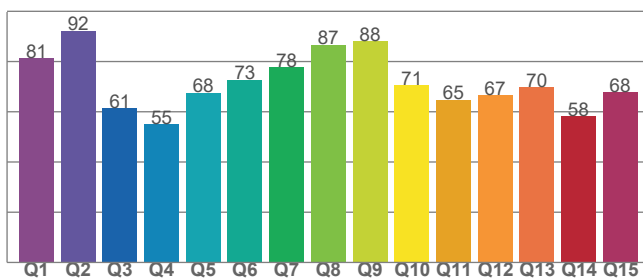
CIE 1931 - Zoom



CRI: 72.6 (R1-R8)



CQS: 70.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6682 K	0.311	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.323	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.6	-25.4	70.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.6	94.0

Photometric & Chromaticity Report

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

TM-30 Details

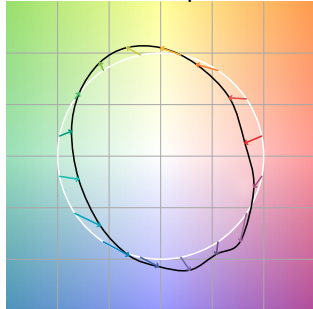
Rf 72.6

Fidelity Index
(Rg)

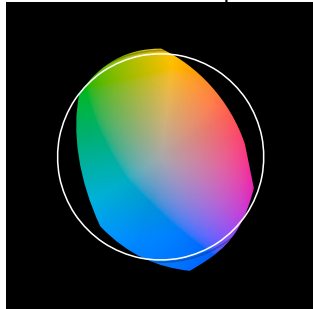
Rg 94.0

Gammut Index (Rg)

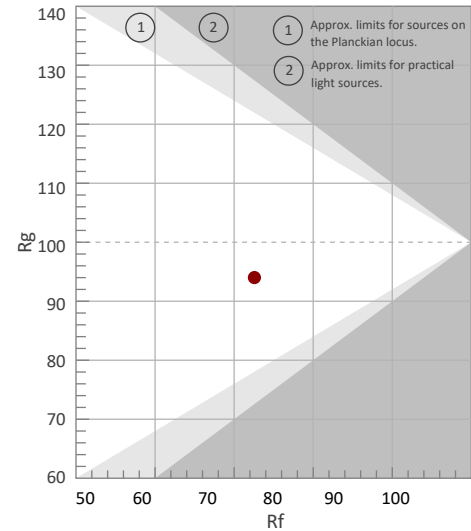
Color Vector Graphic



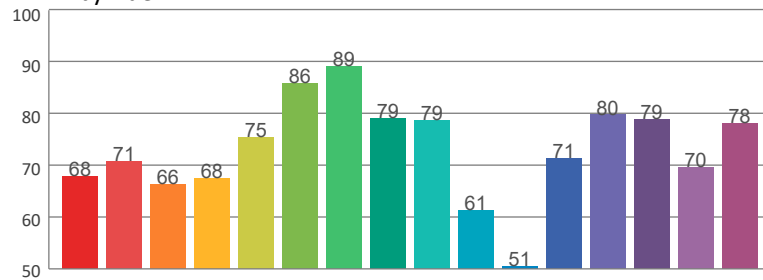
Color Distortion Graphic



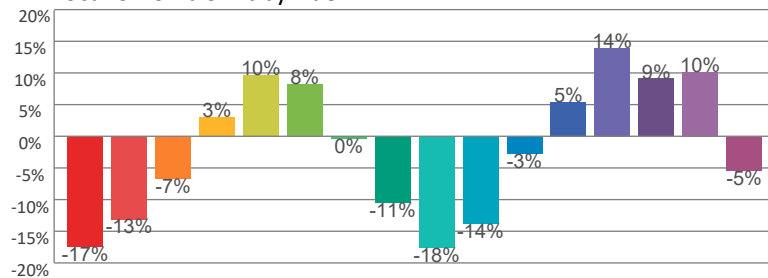
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	20%
4	68	3%	20%
5	75	10%	12%
6	86	8%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	79	-18%	6%
10	61	-14%	23%
11	51	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-5%	-12%



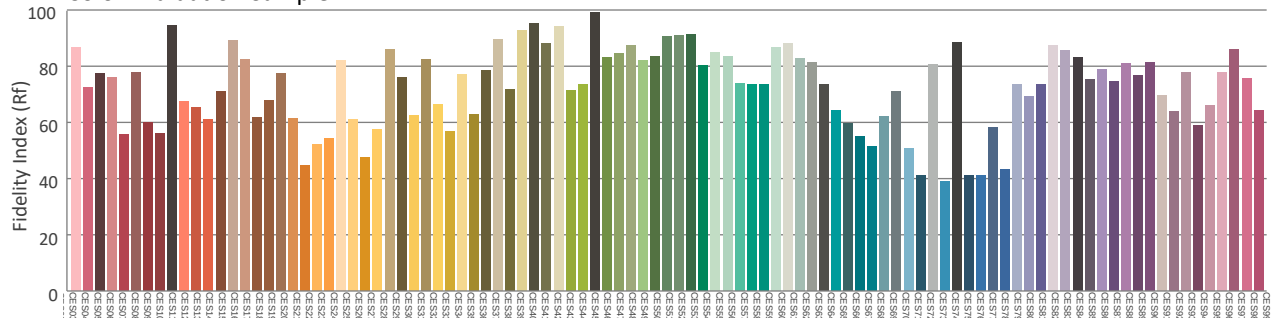
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 11599 lm
Fixture Peak: 19019 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 761 lux
Color Temperature: 6598 K
CRI: 72.0 CRI R9 Value: -27.9
CQS: 69.8
TLCI: 50
TM-30 Rf: 72.1
TM-30 Rg: 94.2
Beam Angle (50%): 52.4°
Field Angle (10%): 55.4°
Cutoff Angle (3%): 56°

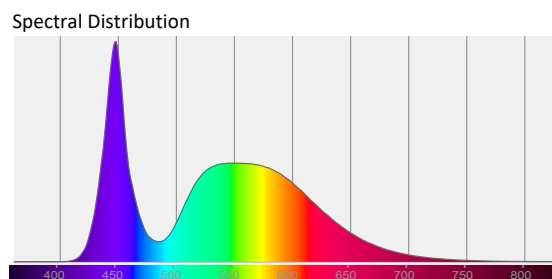
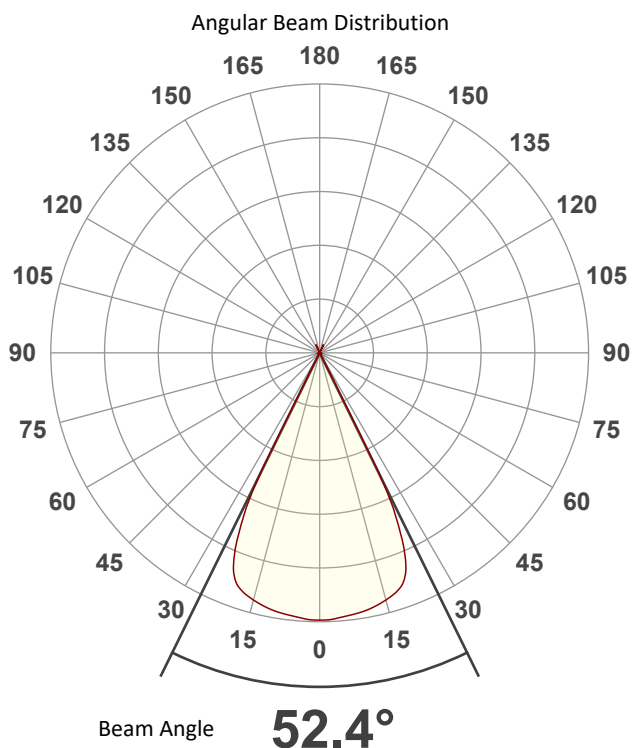
Conditions

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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/4/2025 to LM-63-2002 Standards.

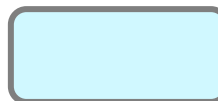
Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.325



Light Quality

CRI: 72.0

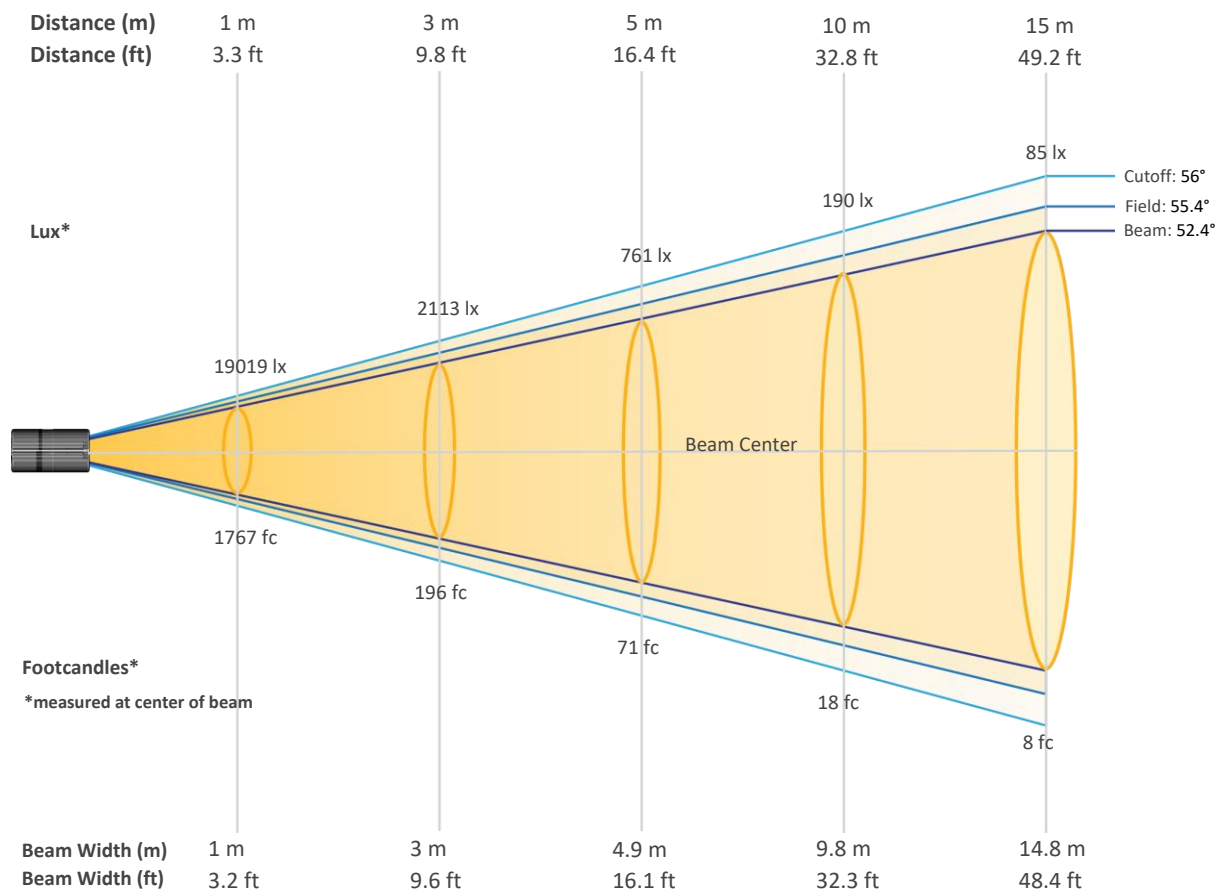
Color Temperature

6598 K

Photometric & Chromaticity Report

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

Beam Details

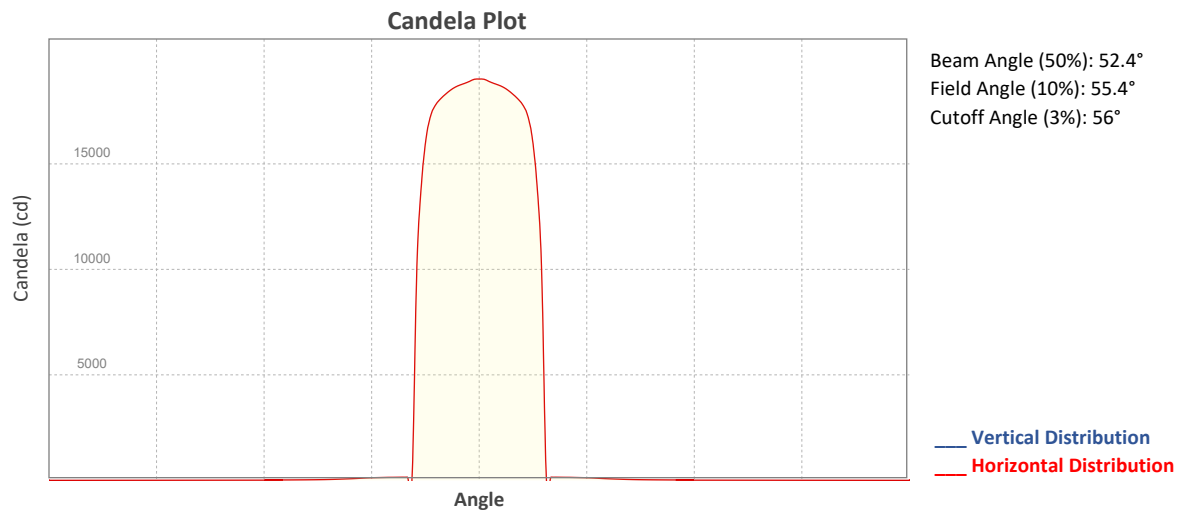


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	19019	4755	2113	1189	761	528	388	297	235	190
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	157	132	113	97	85	74	66	59	53	48
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1767	442	196	110	71	49	36	28	22	18
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	15	12	10	9	8	7	6	5	5	4

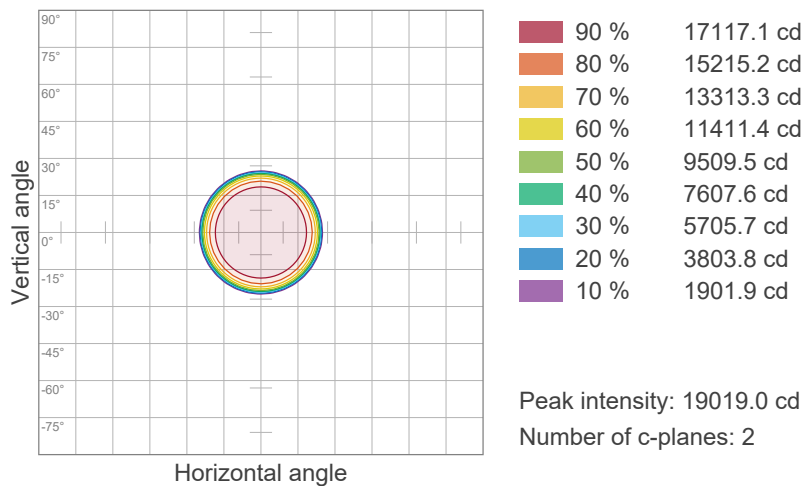
Photometric & Chromaticity Report

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

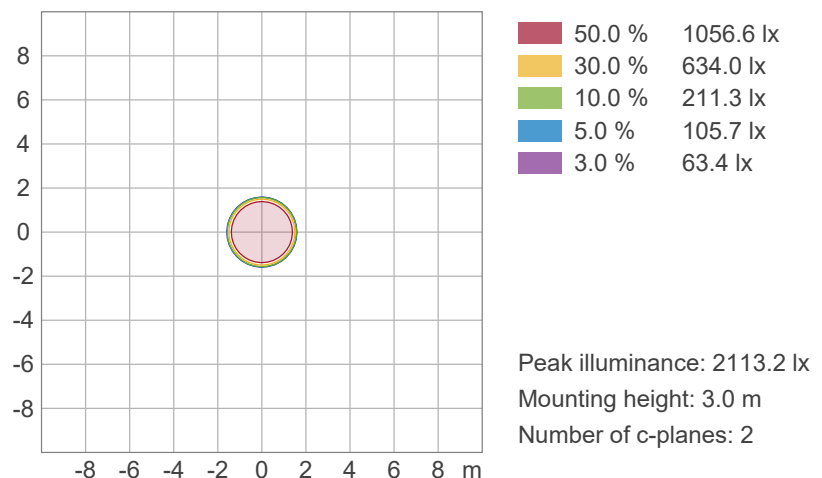


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

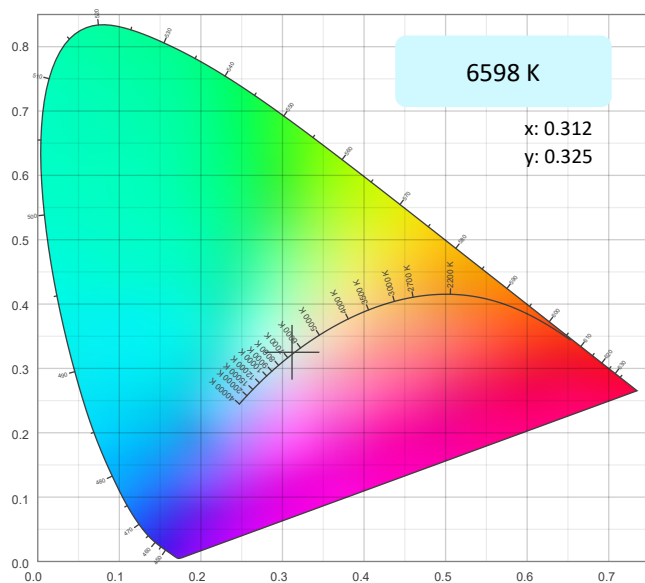


Photometric & Chromaticity Report

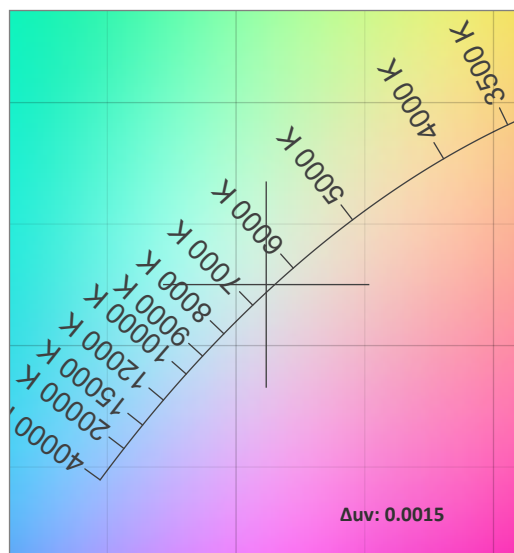
Maverick Force X Profile: Full Flood-Full Power - TV25

Chromaticity

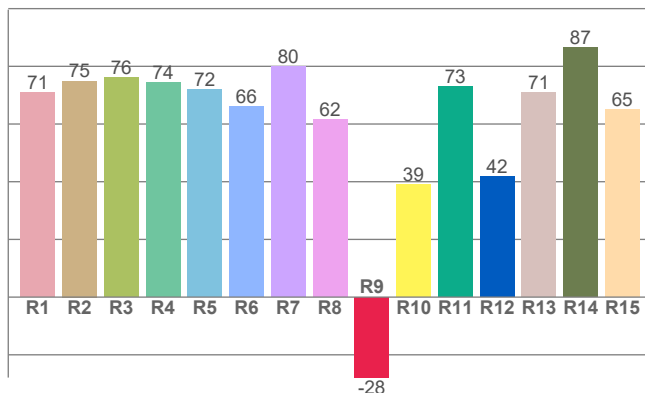
CIE 1931



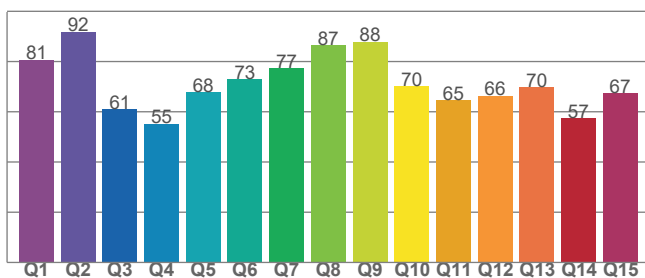
CIE 1931 - Zoom



CRI: 72.0 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6598 K	0.312	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0015	0.325	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	-27.9	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.1	94.2

Photometric & Chromaticity Report

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

TM-30 Details

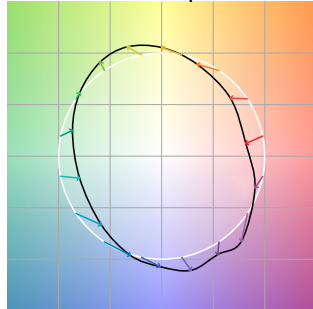
Rf 72.1

Fidelity Index
(Rg)

Rg 94.2

Gammut Index (Rg)

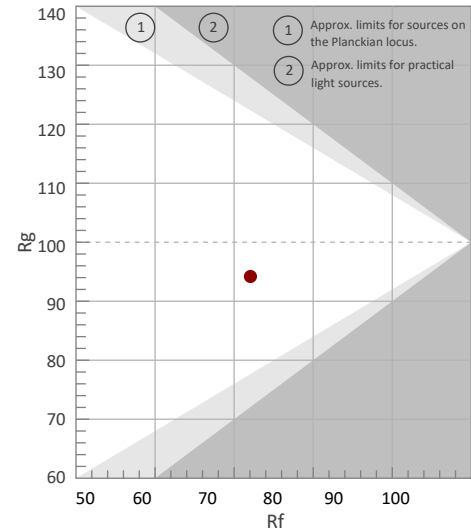
Color Vector Graphic



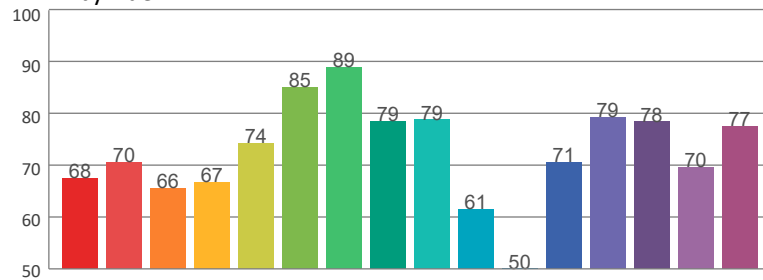
Color Distortion Graphic



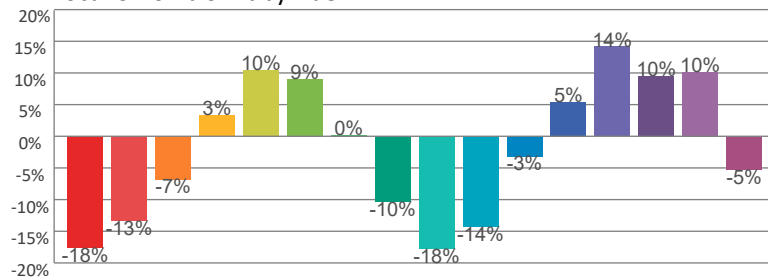
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-18%	-4%
2	70	-13%	10%
3	66	-7%	21%
4	67	3%	20%
5	74	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	79	-18%	5%
10	61	-14%	23%
11	50	-3%	28%
12	71	5%	19%
13	79	14%	6%
14	78	10%	-8%
15	70	10%	-26%
16	77	-5%	-13%



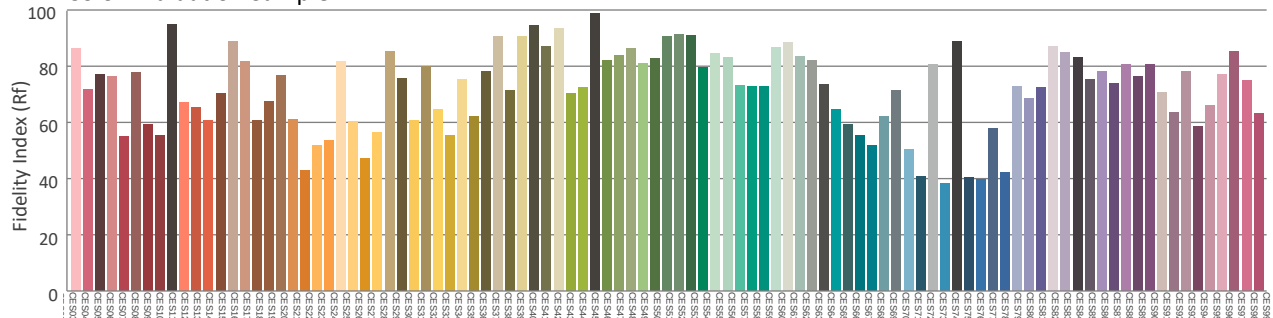
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV25-Stable

Report Summary

Measurements

Fixture Output: 11418 lm
Fixture Peak: 18729 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 749 lux
Color Temperature: 6652 K
CRI: 72.5 CRI R9 Value: -25.5
CQS: 69.9
TLCI: 50
TM-30 Rf: 72.3
TM-30 Rg: 94.2
Beam Angle (50%): 52.3°
Field Angle (10%): 55.6°
Cutoff Angle (3%): 56.2°

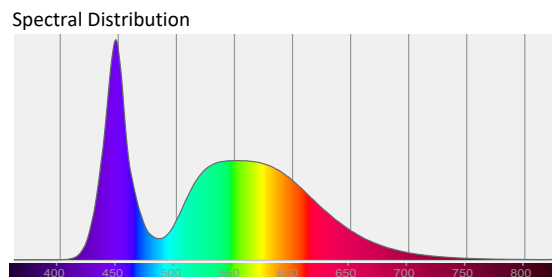
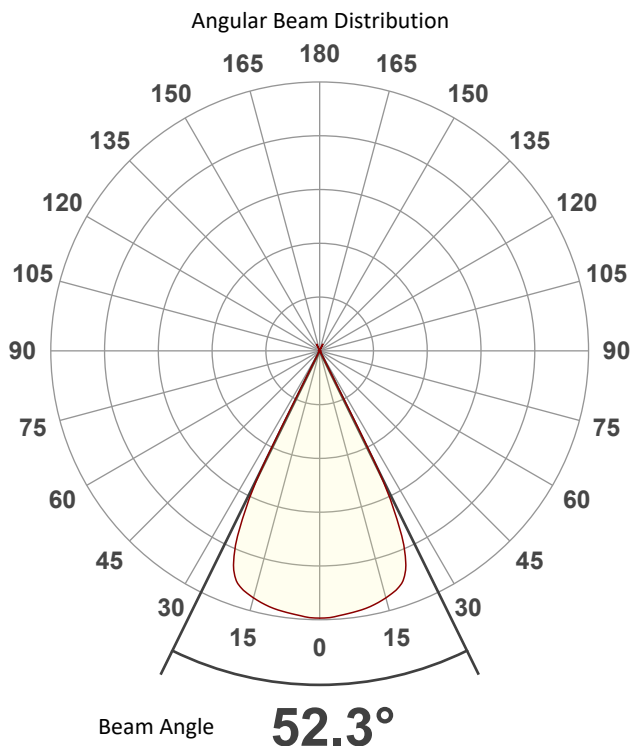
Conditions

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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/4/2025 to LM-63-2002 Standards.

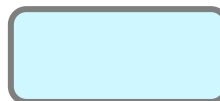
Overall Measurement



Tested Color (CIE 1931):

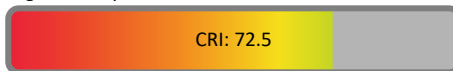
X: 0.311

Y: 0.323



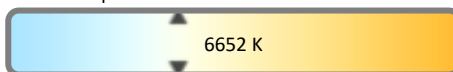
Light Quality

CRI: 72.5



Color Temperature

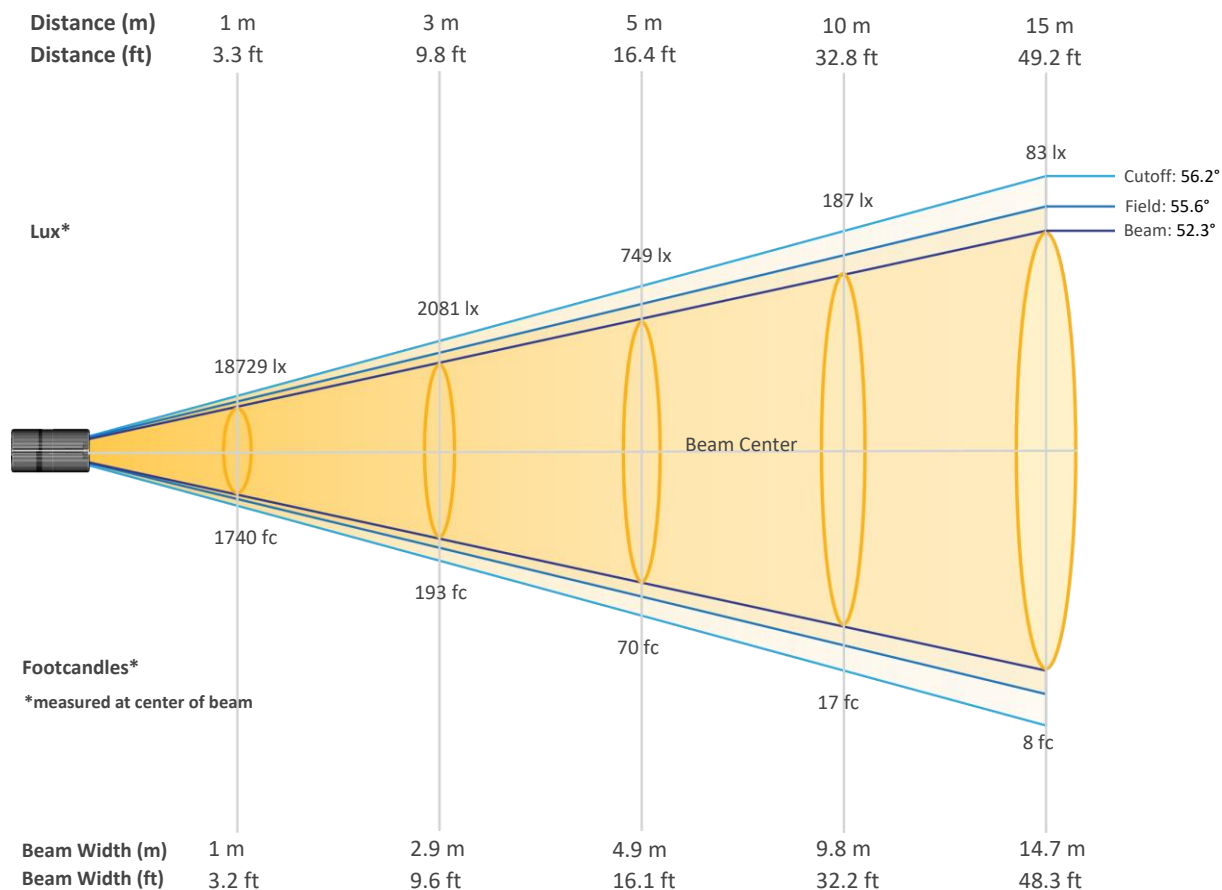
6652 K



Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV25-Stable

Beam Details

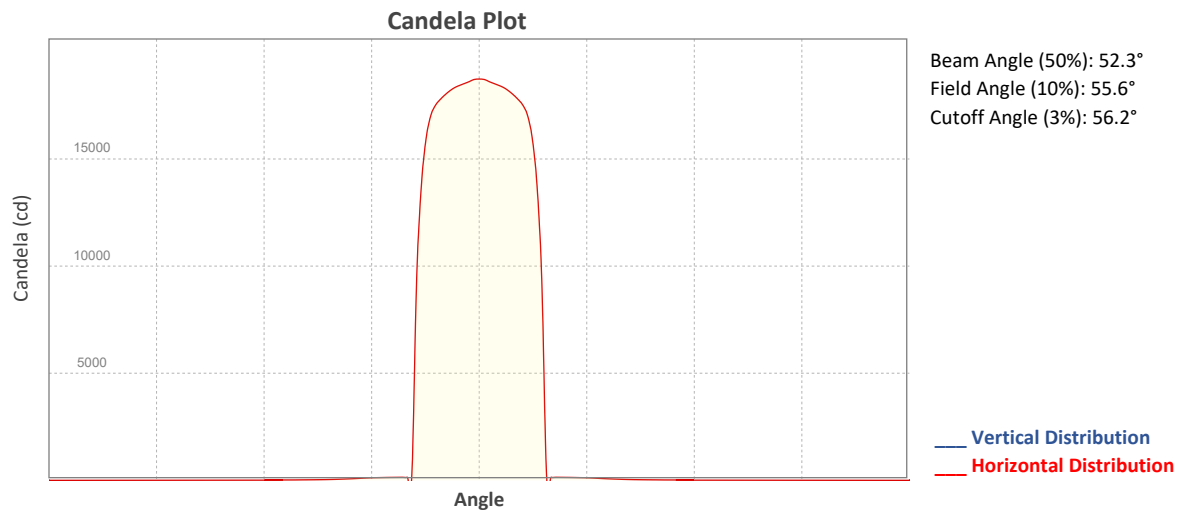


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	18729	4682	2081	1171	749	520	382	293	231	187
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	155	130	111	96	83	73	65	58	52	47
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1740	435	193	109	70	48	36	27	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	9	8	7	6	5	5	4

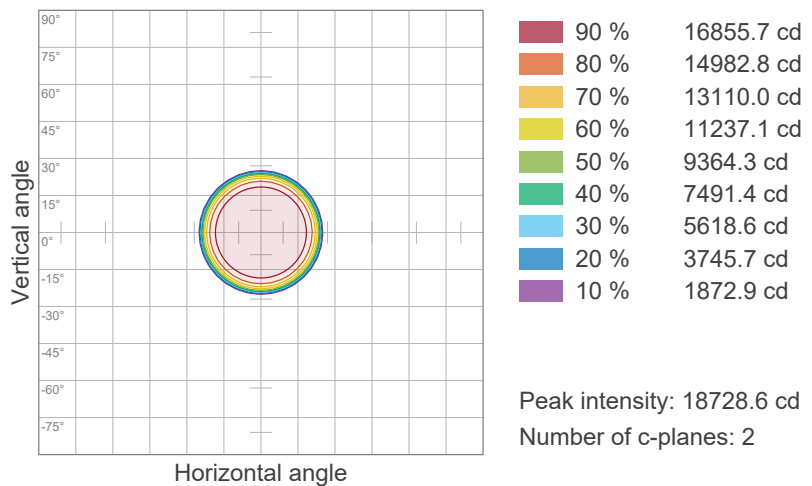
Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV25-Stable

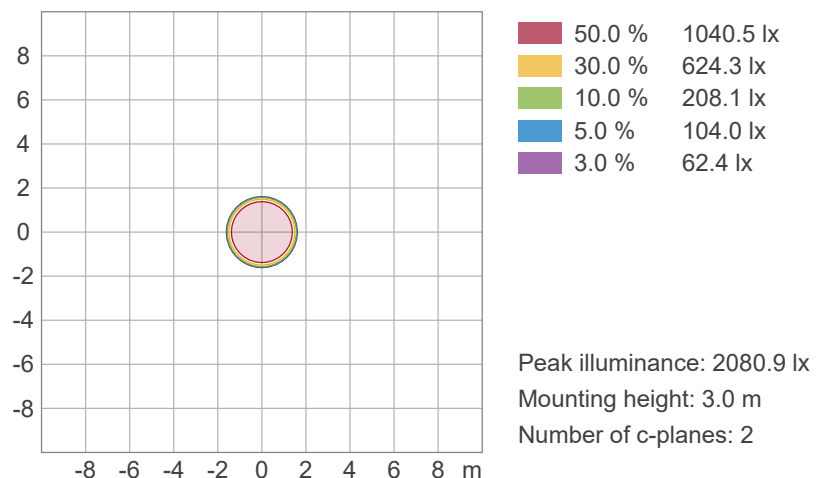


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

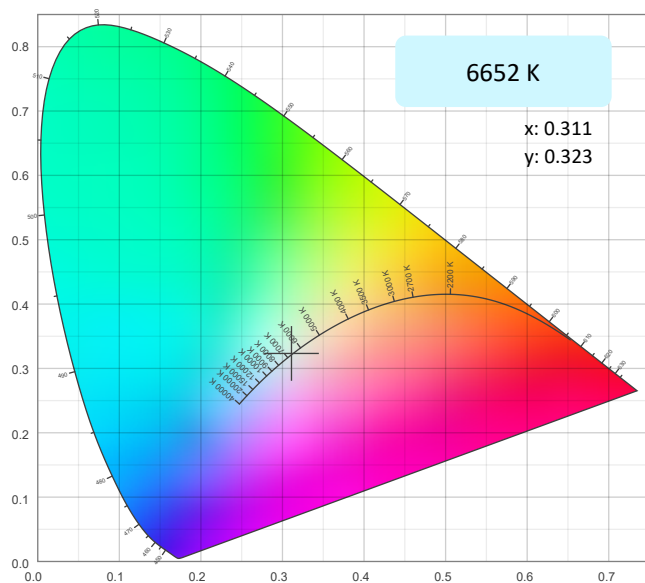


Photometric & Chromaticity Report

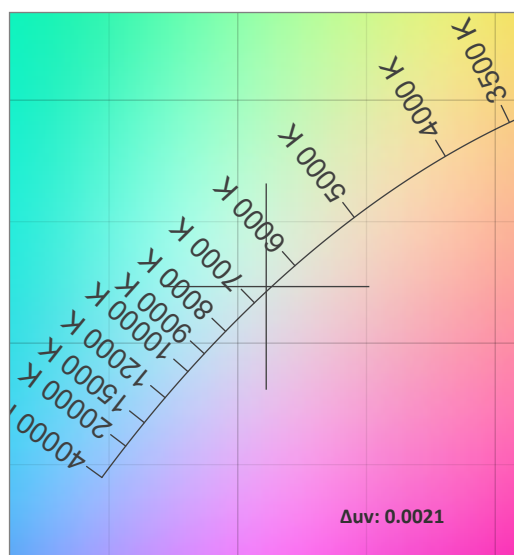
Maverick Force X Profile: Full Flood-Full Power - TV25-Stable

Chromaticity

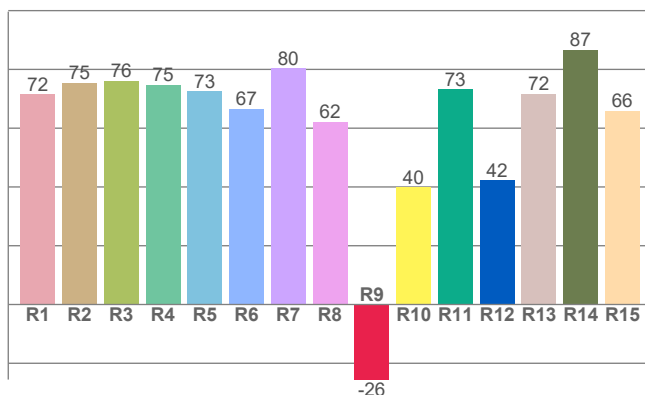
CIE 1931



CIE 1931 - Zoom



CRI: 72.5 (R1-R8)

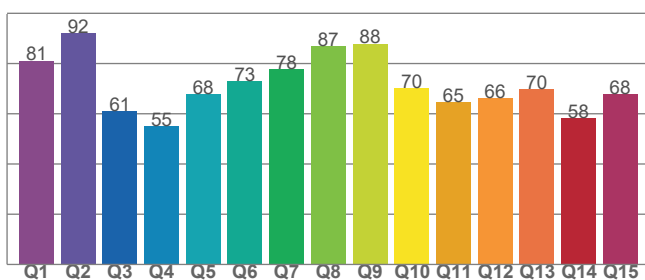


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6652 K	0.311	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0021	0.323	0.199

CQS: 69.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.5	-25.5	69.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.3	94.2

Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV25-Stable

TM-30 Details

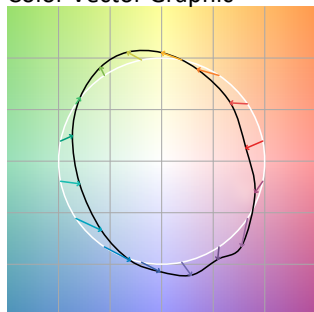
Rf 72.3

Fidelity Index
(Rg)

Rg 94.2

Gammut Index (Rg)

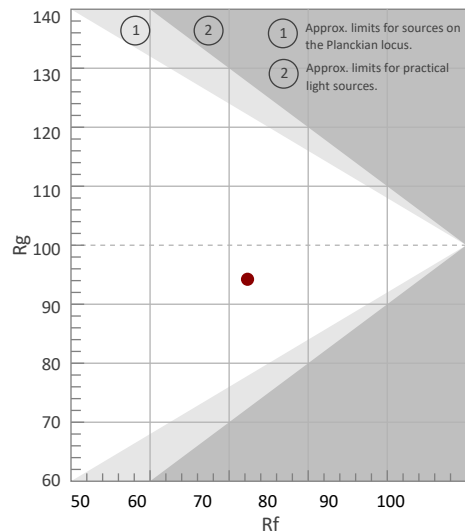
Color Vector Graphic



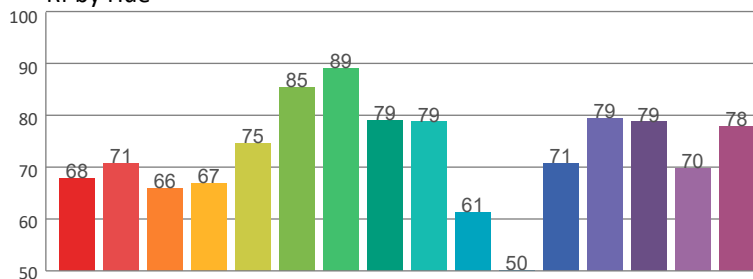
Color Distortion Graphic



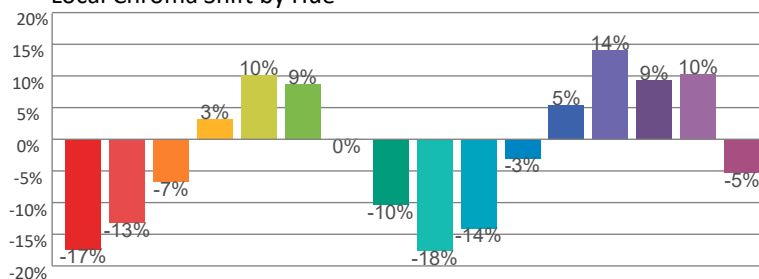
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-10%	-7%
9	79	-18%	6%
10	61	-14%	23%
11	50	-3%	28%
12	71	5%	19%
13	79	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-5%	-12%



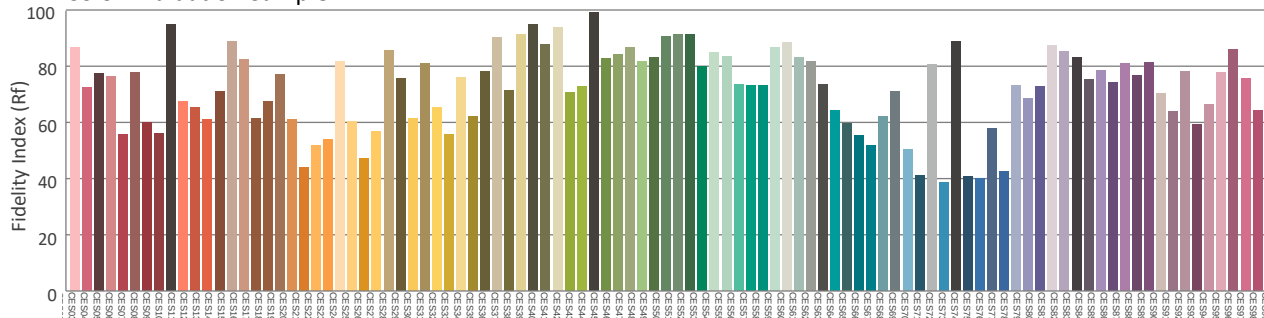
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 9723 lm

Fixture Peak: 15955 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 638 lux

Color Temperature: 6577 K

CRI: 71.8 CRI R9 Value: -28.6

CQS: 69.8

TLCI: 50

TM-30 Rf: 71.9

TM-30 Rg: 94.2

Beam Angle (50%): 51.8°

Field Angle (10%): 56.4°

Cutoff Angle (3%): 58.6°

Conditions

AC Supply: 116 V, 60 Hz

Power: 0.0 W

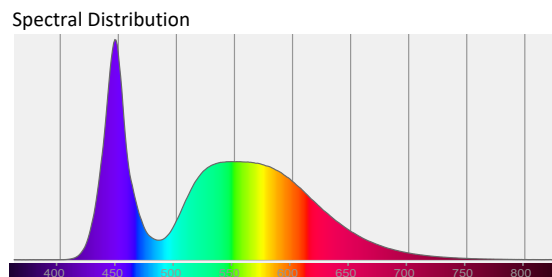
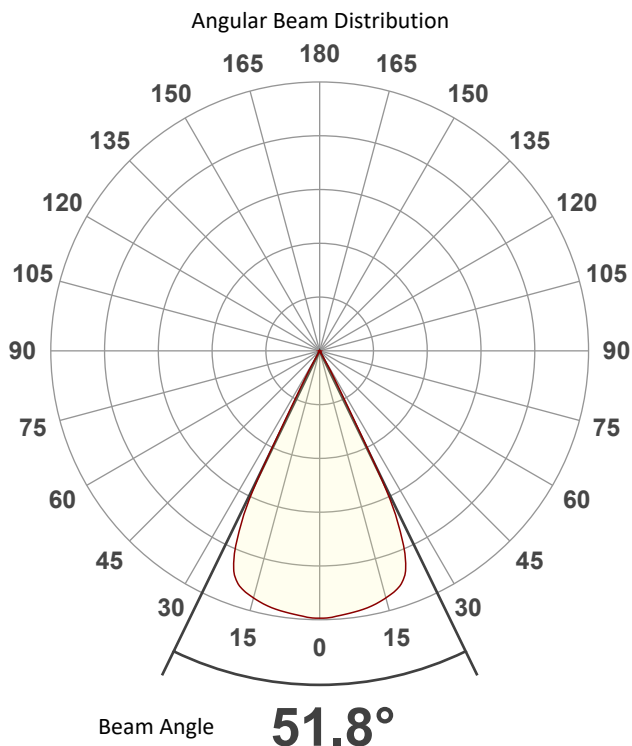
Current: 0.000 A

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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/4/2025 to LM-63-2002 Standards.

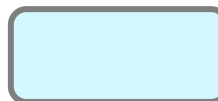
Overall Measurement



Tested Color (CIE 1931):

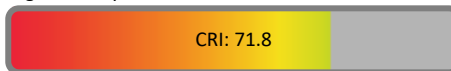
X: 0.312

Y: 0.326



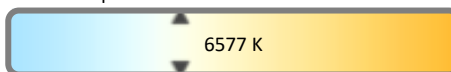
Light Quality

CRI: 71.8



Color Temperature

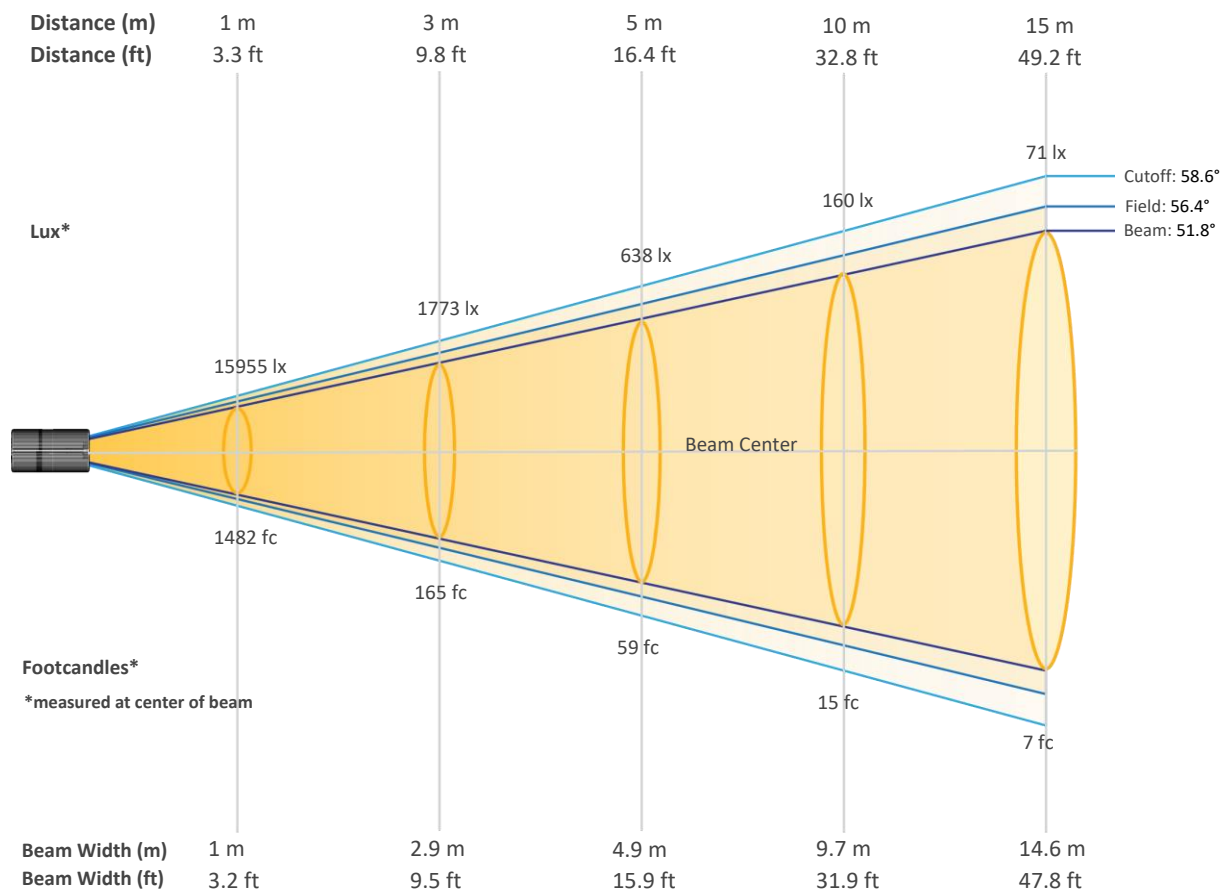
6577 K



Photometric & Chromaticity Report

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

Beam Details

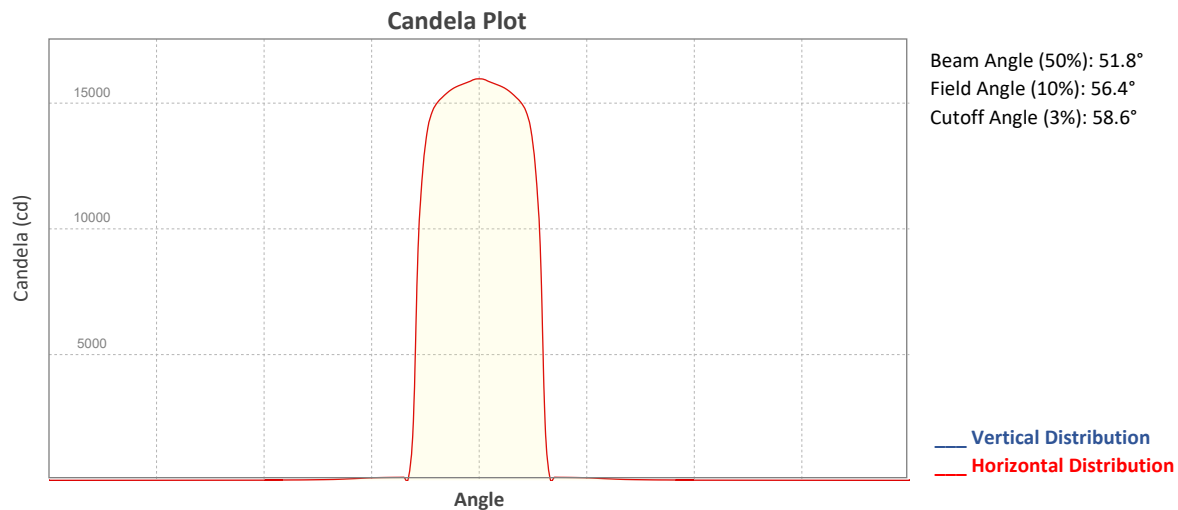


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15955	3989	1773	997	638	443	326	249	197	160
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	132	111	94	81	71	62	55	49	44	40
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1482	371	165	93	59	41	30	23	18	15
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	9	8	7	6	5	5	4	4

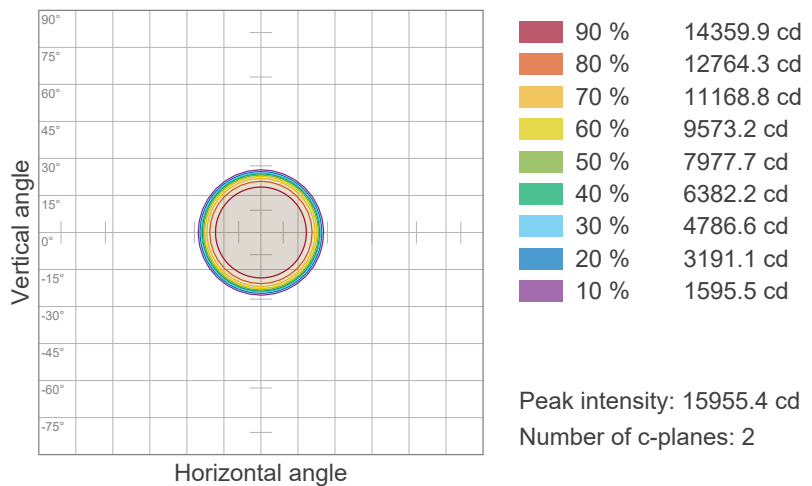
Photometric & Chromaticity Report

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

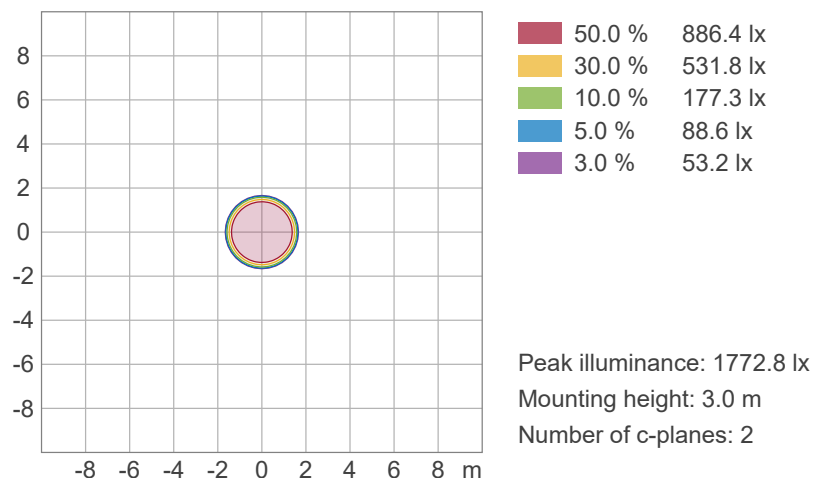


ISO Diagrams

ISO Candela Diagram



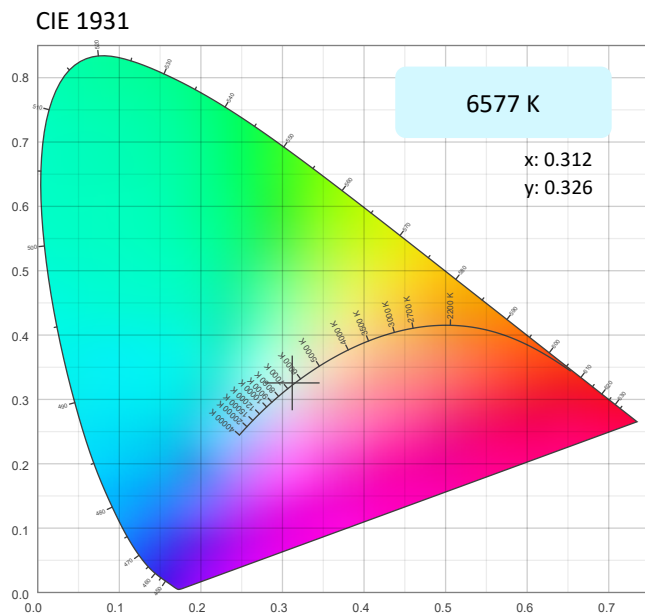
ISO Lux Diagram



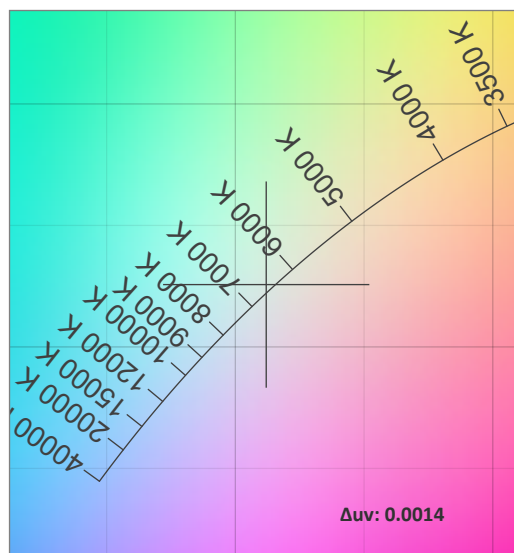
Photometric & Chromaticity Report

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

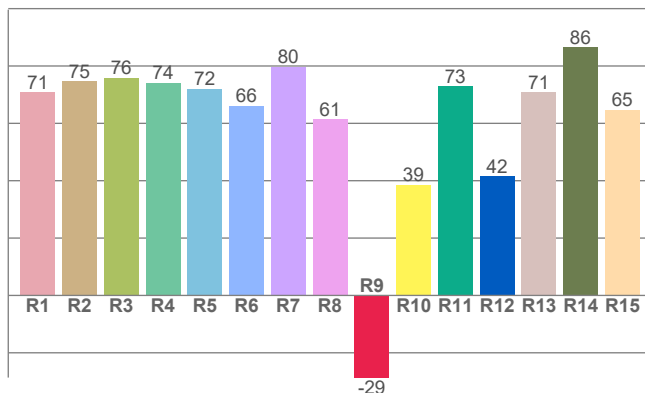
Chromaticity



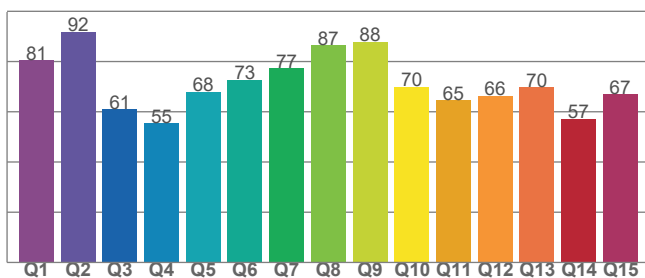
CIE 1931 - Zoom



CRI: 71.8 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6577 K	0.312	0.326

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.326	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	-28.6	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	71.9	94.2

Photometric & Chromaticity Report

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

TM-30 Details

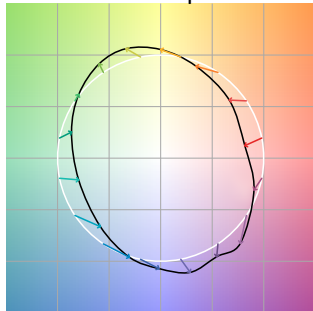
Rf 71.9

Fidelity Index
(Rg)

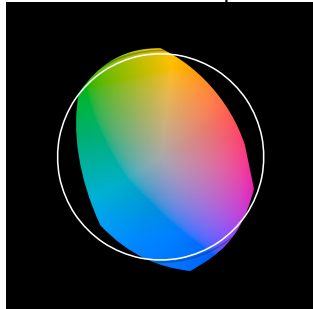
Rg 94.2

Gammut Index (Rg)

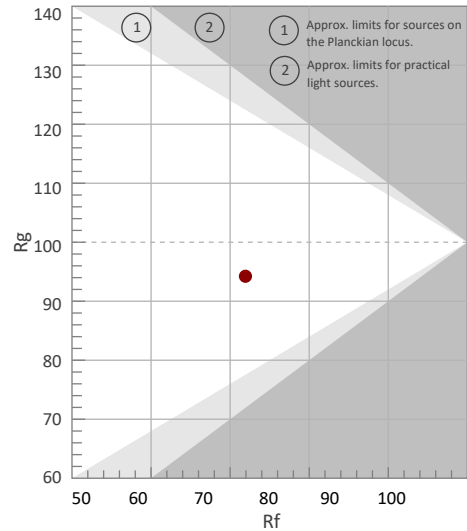
Color Vector Graphic



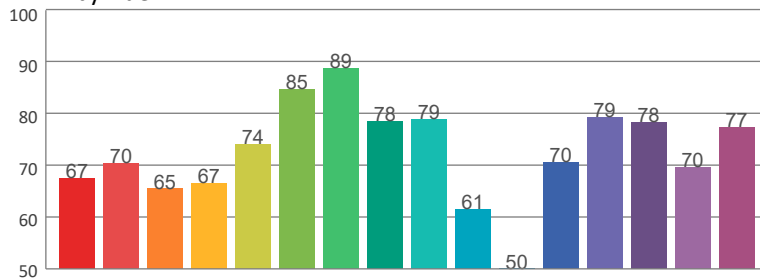
Color Distortion Graphic



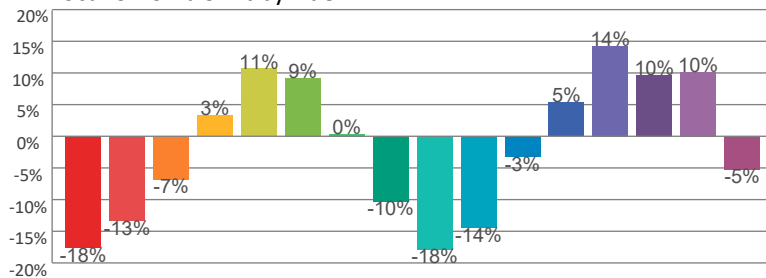
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	70	-13%	10%
3	65	-7%	21%
4	67	3%	21%
5	74	11%	12%
6	85	9%	-1%
7	89	0%	-7%
8	78	-10%	-8%
9	79	-18%	5%
10	61	-14%	23%
11	50	-3%	28%
12	70	5%	19%
13	79	14%	7%
14	78	10%	-8%
15	70	10%	-26%
16	77	-5%	-13%



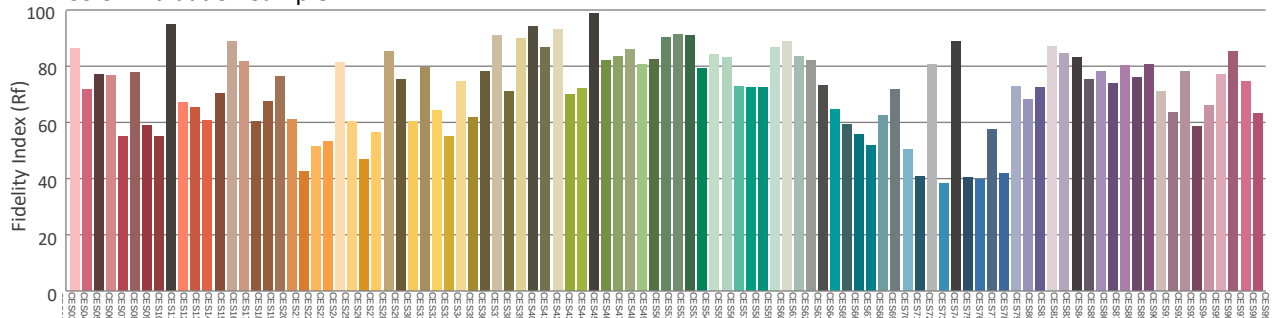
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV35-Stable

Report Summary

Measurements

Fixture Output: 9648 lm

Fixture Peak: 15822 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 633 lux

Color Temperature: 6622 K

CRI: 72.1 CRI R9 Value: -26.8

CQS: 69.8

TLCI: 50

TM-30 Rf: 72.0

TM-30 Rg: 94.3

Beam Angle (50%): 52.2°

Field Angle (10%): 55.4°

Cutoff Angle (3%): 58.5°

Conditions

AC Supply: 117 V, 60.1 Hz

Power: 0.0 W

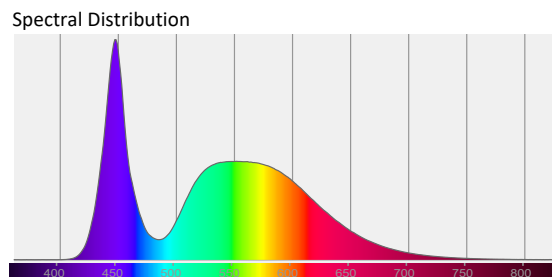
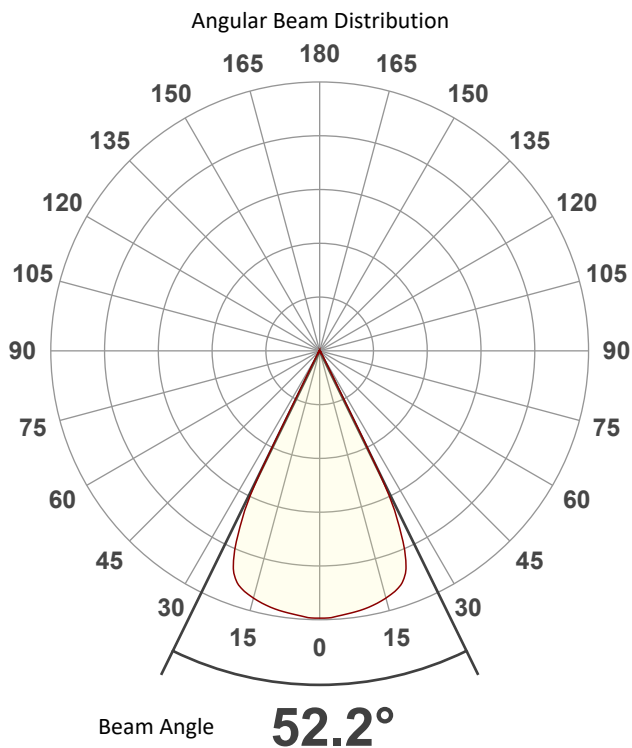
Current: 0.000 A

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 6/4/2025 to LM-63-2002 Standards.

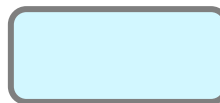
Overall Measurement



Tested Color (CIE 1931):

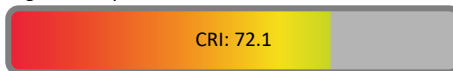
X: 0.311

Y: 0.324



Light Quality

CRI: 72.1



Color Temperature

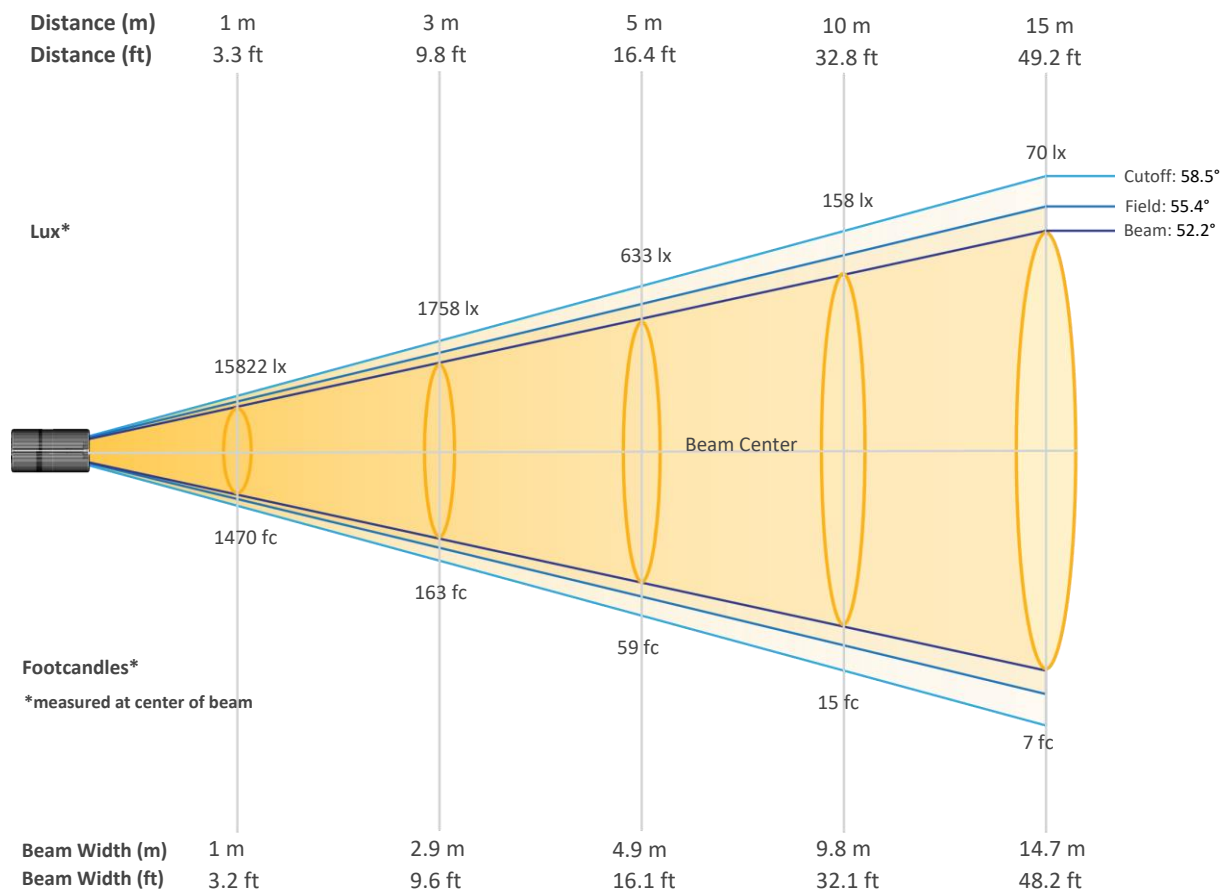
6622 K



Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV35-Stable

Beam Details

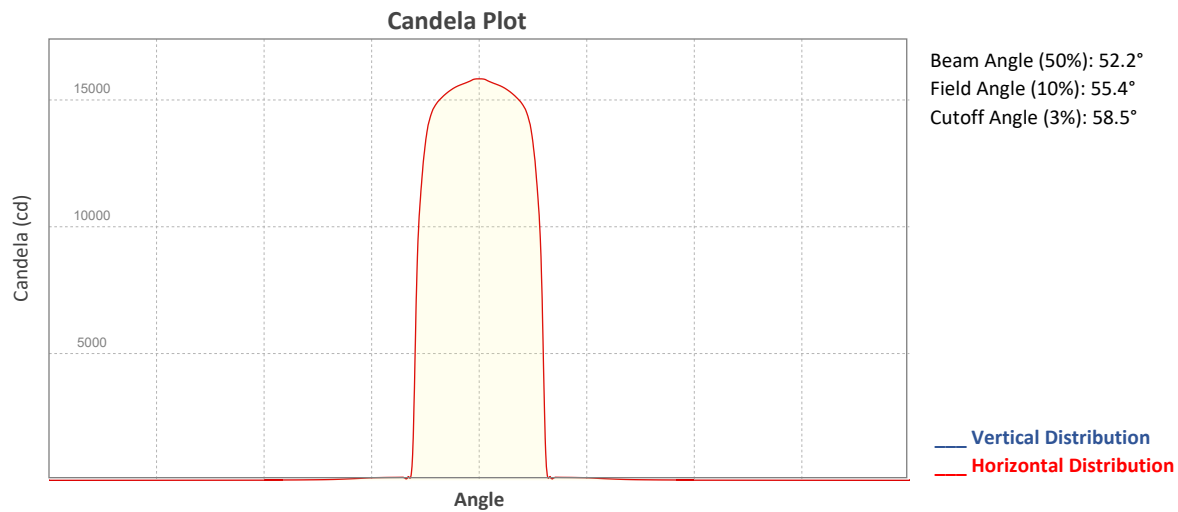


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15822	3956	1758	989	633	440	323	247	195	158
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	131	110	94	81	70	62	55	49	44	40
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1470	367	163	92	59	41	30	23	18	15
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	9	7	7	6	5	5	4	4

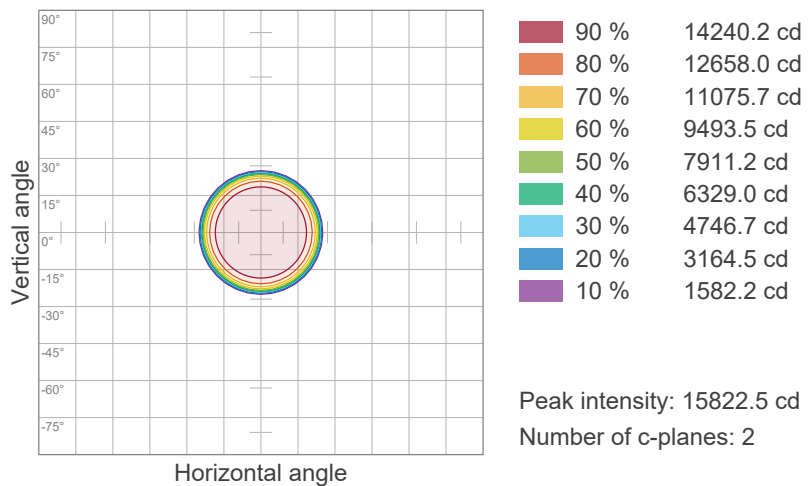
Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV35-Stable

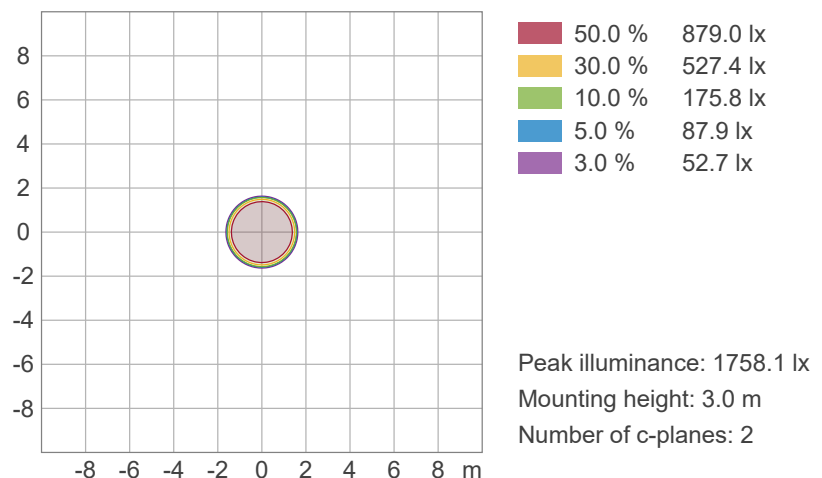


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

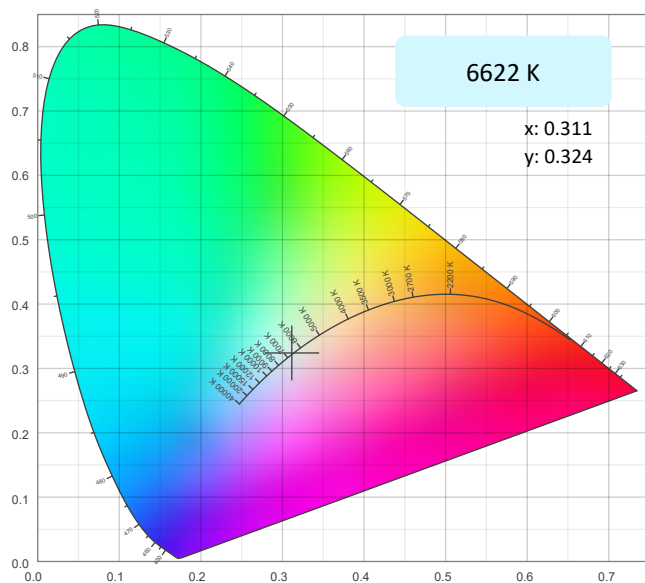


Photometric & Chromaticity Report

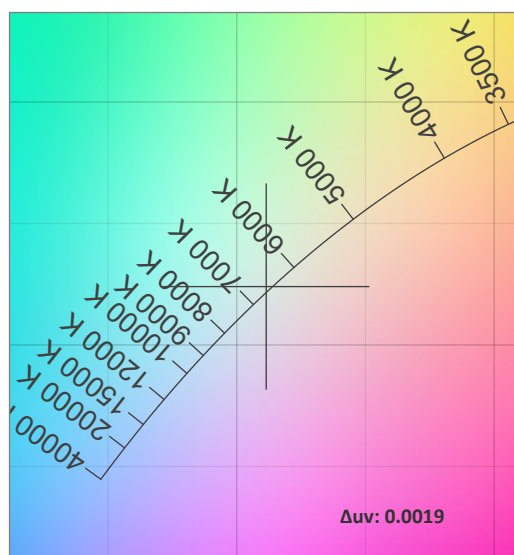
Maverick Force X Profile: Full Flood-Full Power - TV35-Stable

Chromaticity

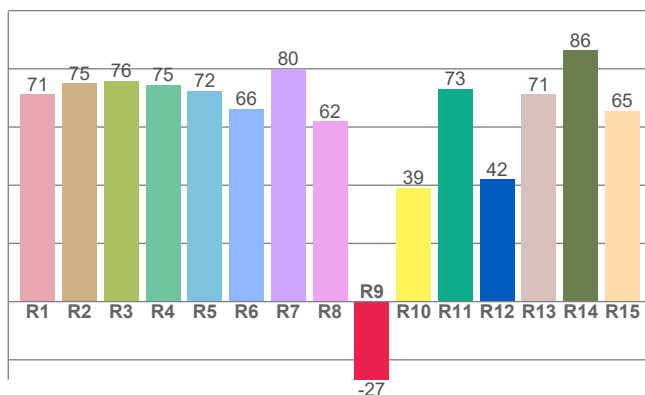
CIE 1931



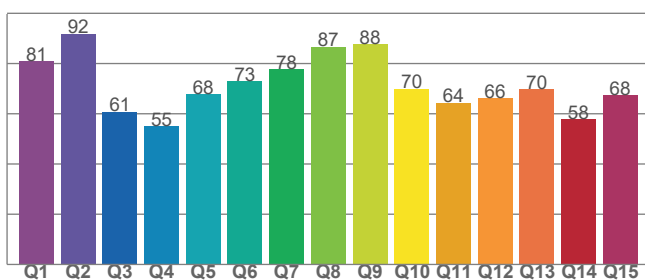
CIE 1931 - Zoom



CRI: 72.1 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6622 K	0.311	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.324	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.1	-26.8	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.0	94.3

Photometric & Chromaticity Report

Maverick Force X Profile: Full Flood-Full Power - TV35-Stable

TM-30 Details

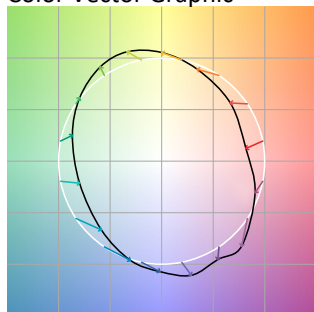
Rf 72.0

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

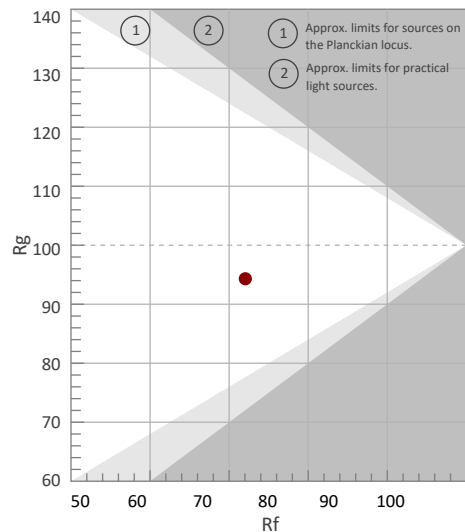
Color Vector Graphic



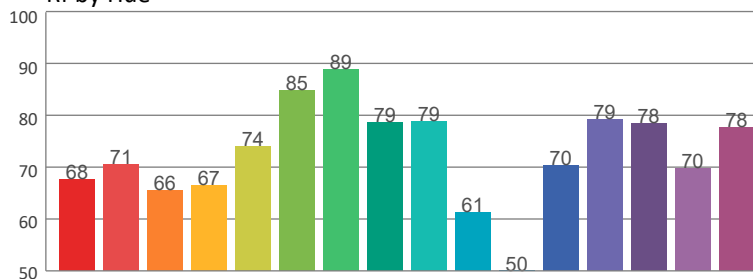
Color Distortion Graphic



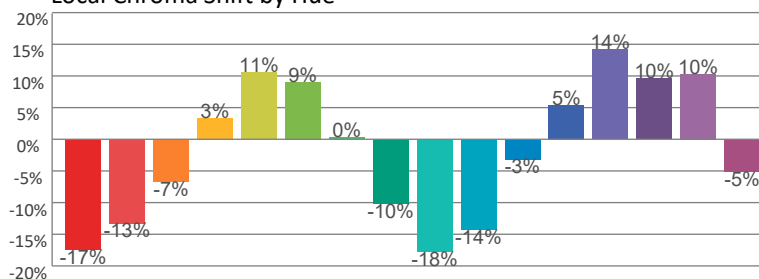
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	21%
4	67	3%	21%
5	74	11%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	79	-18%	5%
10	61	-14%	23%
11	50	-3%	28%
12	70	5%	19%
13	79	14%	7%
14	78	10%	-8%
15	70	10%	-26%
16	78	-5%	-12%



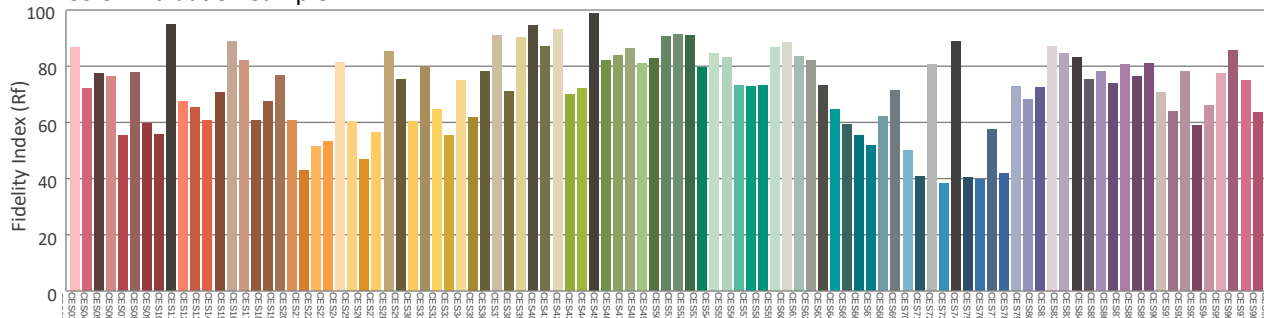
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Profile: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 8234 lm

Fixture Peak: 2612305 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 104492 lux

Color Temperature: 6521 K

CRI: 72.0 CRI R9 Value: -28.9

CQS: 69.9

TLCI: 50

TM-30 Rf: 72.4

TM-30 Rg: 93.9

Beam Angle (50%): 3.4°

Field Angle (10%): 3.7°

Cutoff Angle (3%): 3.8°

Conditions

AC Supply: 114 V, 60 Hz

Power: 0.0 W

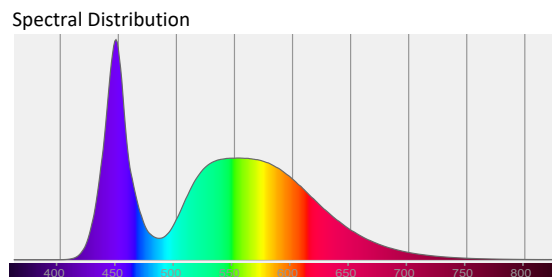
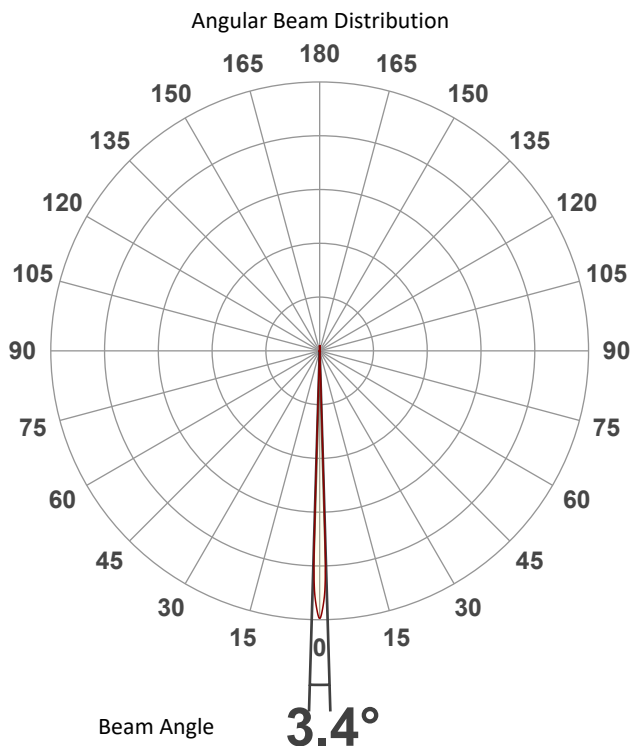
Current: 0.000 A

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 6/4/2025 to LM-63-2002 Standards.

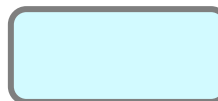
Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.327

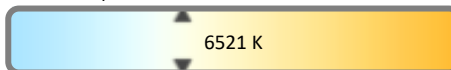


Light Quality

CRI: 72.0

Color Temperature

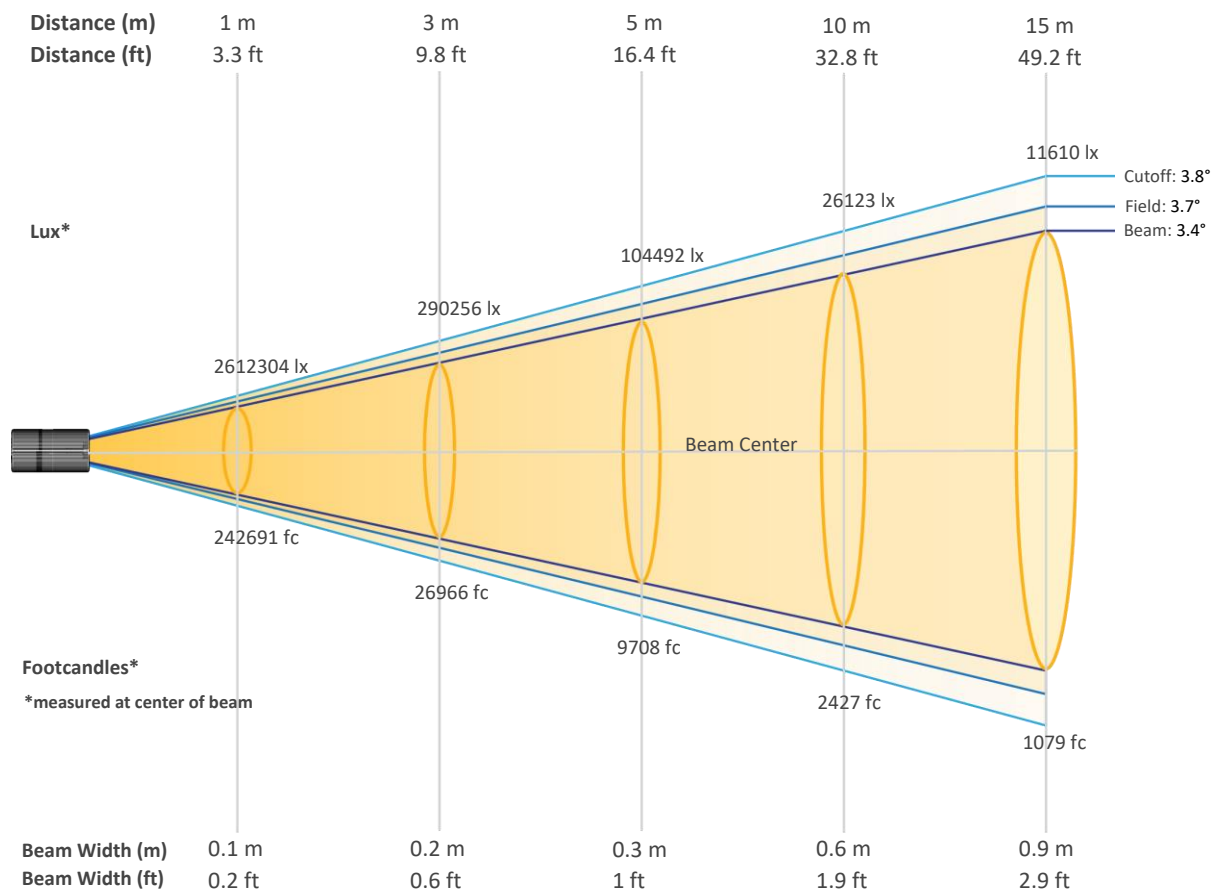
6521 K



Photometric & Chromaticity Report

Maverick Force X Profile: Full Spot - Full Power

Beam Details

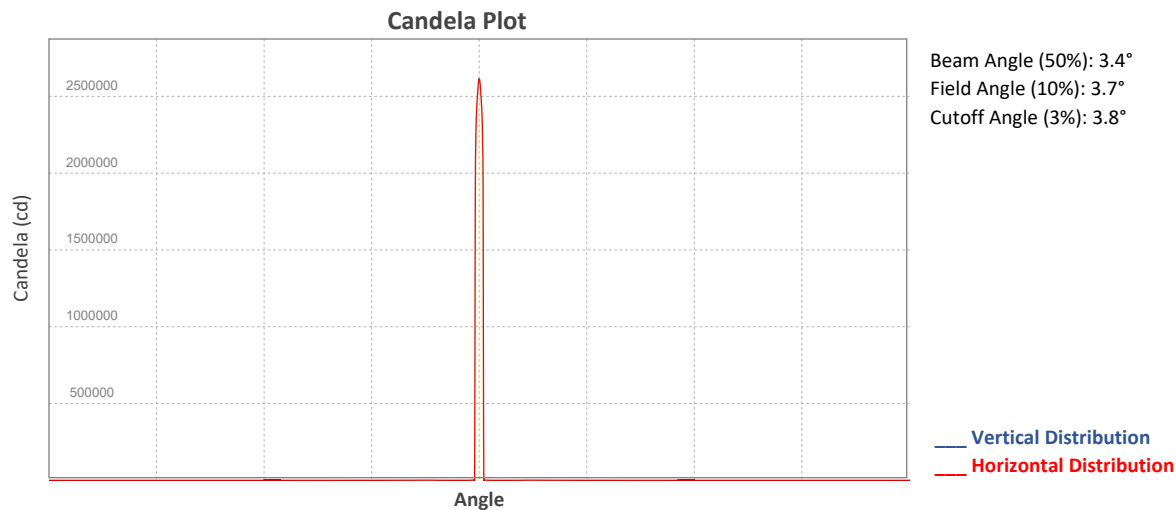


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2612304	653076	290256	163269	104492	72564	53312	40817	32251	26123
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	21589	18141	15457	13328	11610	10204	9039	8063	7236	6531
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	242691	60673	26966	15168	9708	6741	4953	3792	2996	2427
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2006	1685	1436	1238	1079	948	840	749	672	607

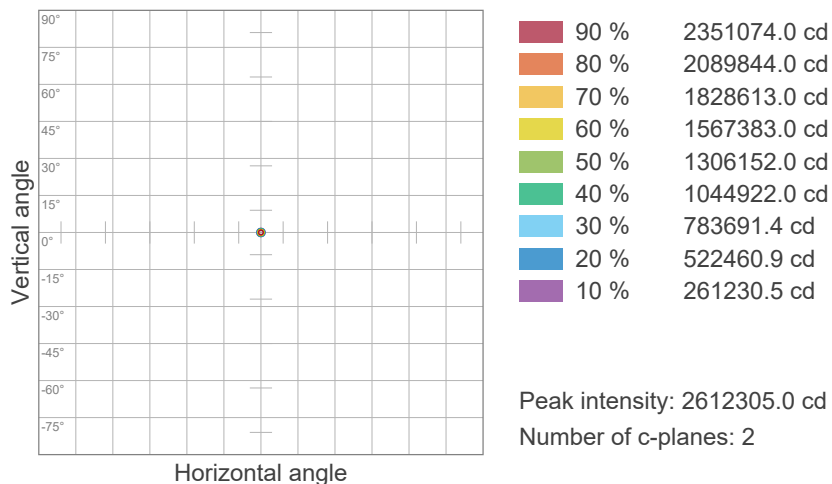
Photometric & Chromaticity Report

Maverick Force X Profile: Full Spot - Full Power

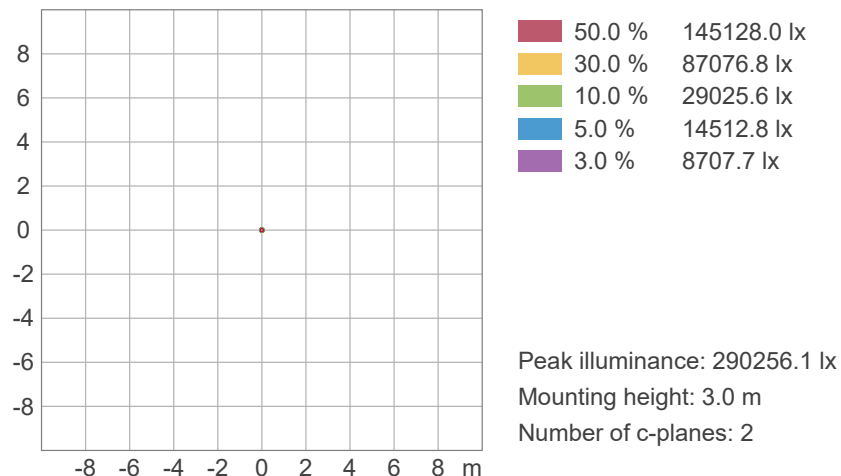


ISO Diagrams

ISO Candela Diagram



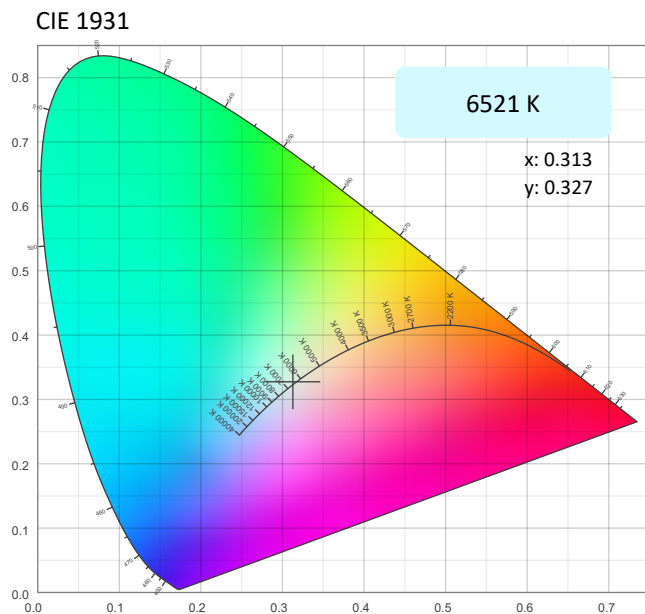
ISO Lux Diagram



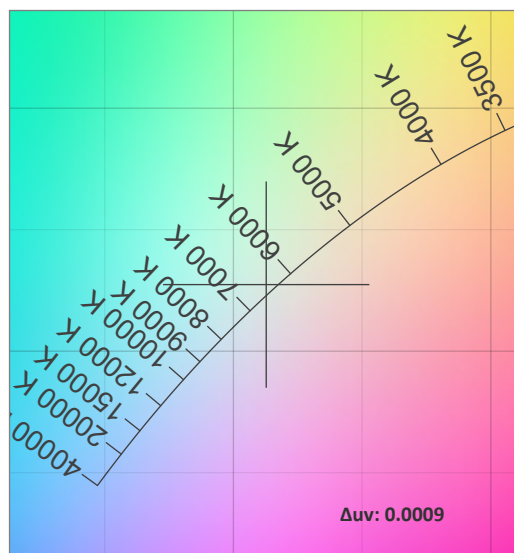
Photometric & Chromaticity Report

Maverick Force X Profile: Full Spot - Full Power

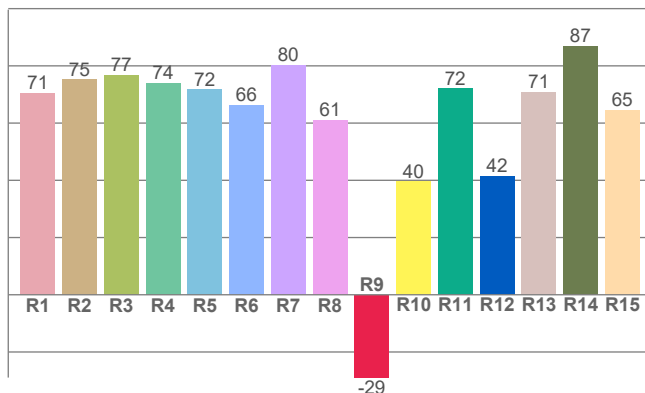
Chromaticity



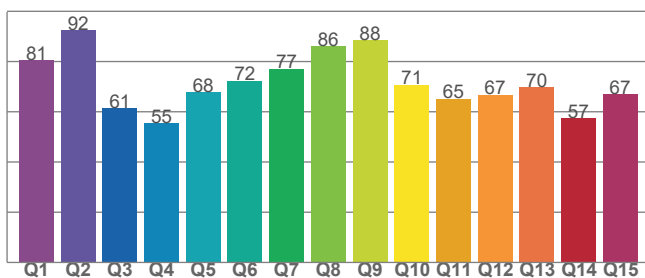
CIE 1931 - Zoom



CRI: 72.0 (R1-R8)



CQS: 69.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6521 K	0.313	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.327	0.198

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	-28.9	69.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.4	93.9

Photometric & Chromaticity Report

Maverick Force X Profile: Full Spot - Full Power

TM-30 Details

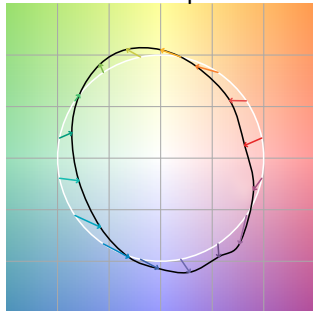
Rf 72.4

Fidelity Index
(Rg)

Rg 93.9

Gammut Index (Rg)

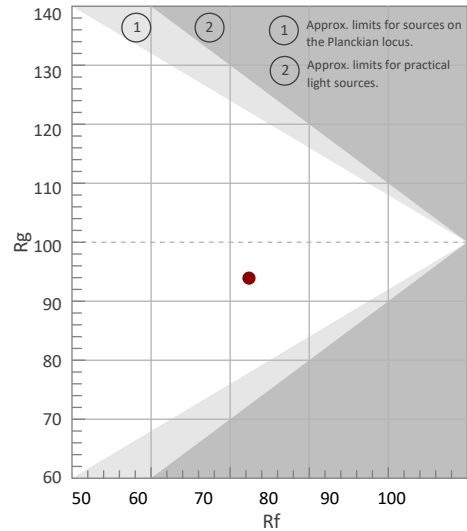
Color Vector Graphic



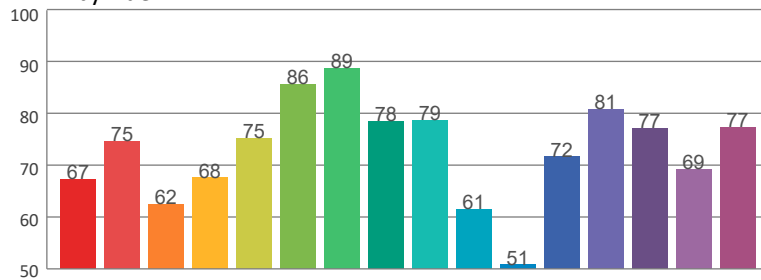
Color Distortion Graphic



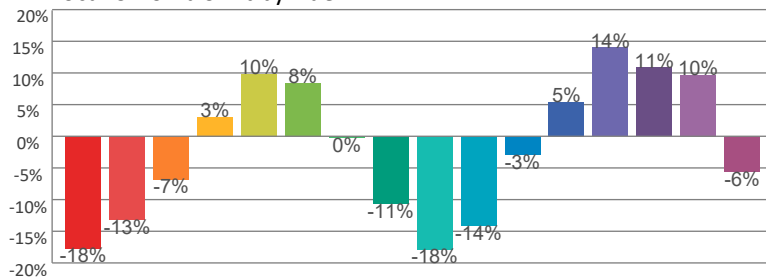
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	75	-13%	9%
3	62	-7%	21%
4	68	3%	20%
5	75	10%	12%
6	86	8%	-2%
7	89	0%	-7%
8	78	-11%	-7%
9	79	-18%	6%
10	61	-14%	23%
11	51	-3%	28%
12	72	5%	18%
13	81	14%	6%
14	77	11%	-6%
15	69	10%	-26%
16	77	-6%	-12%



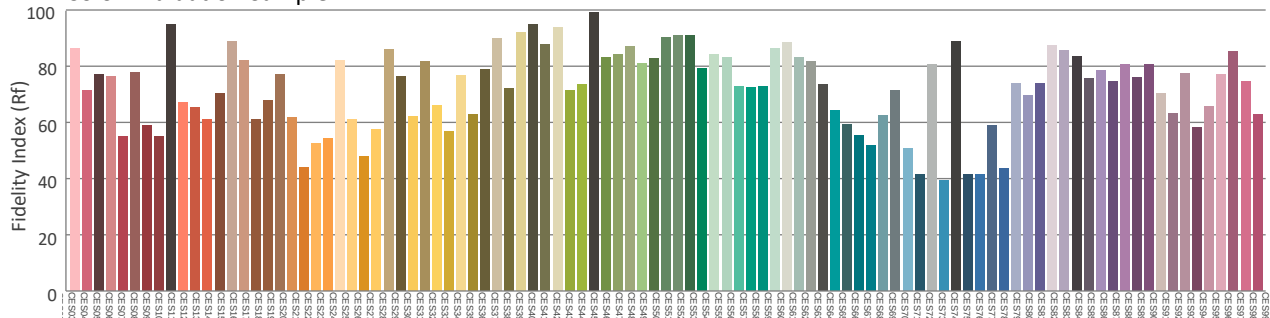
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 7235 lm

Fixture Peak: 2543790 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 101752 lux

Color Temperature: 6594 K

CRI: 72.6 CRI R9 Value: -26.3

CQS: 70.2

TLCI: 51

TM-30 Rf: 72.8

TM-30 Rg: 93.8

Beam Angle (50%): 3.5°

Field Angle (10%): 3.7°

Cutoff Angle (3%): 3.7°

Conditions

AC Supply: 116 V, 60 Hz

Power: 0.0 W

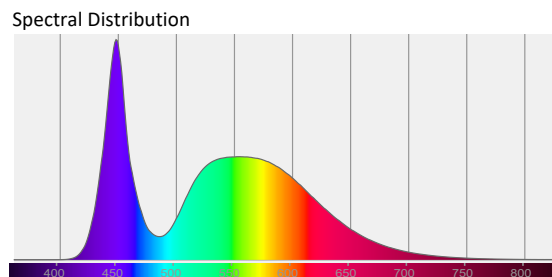
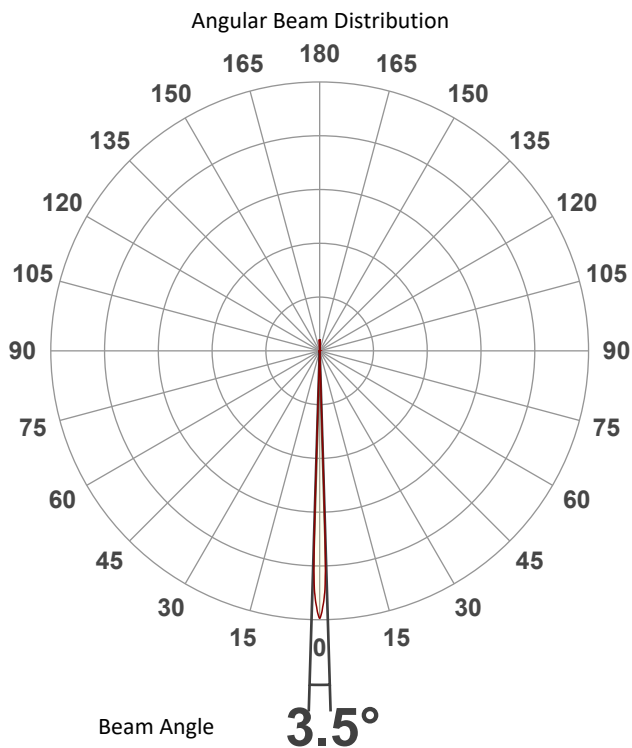
Current: 0.000 A

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 6/3/2025 to LM-63-2002 Standards.

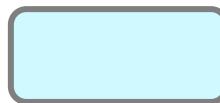
Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.325



Light Quality

CRI: 72.6

Color Temperature

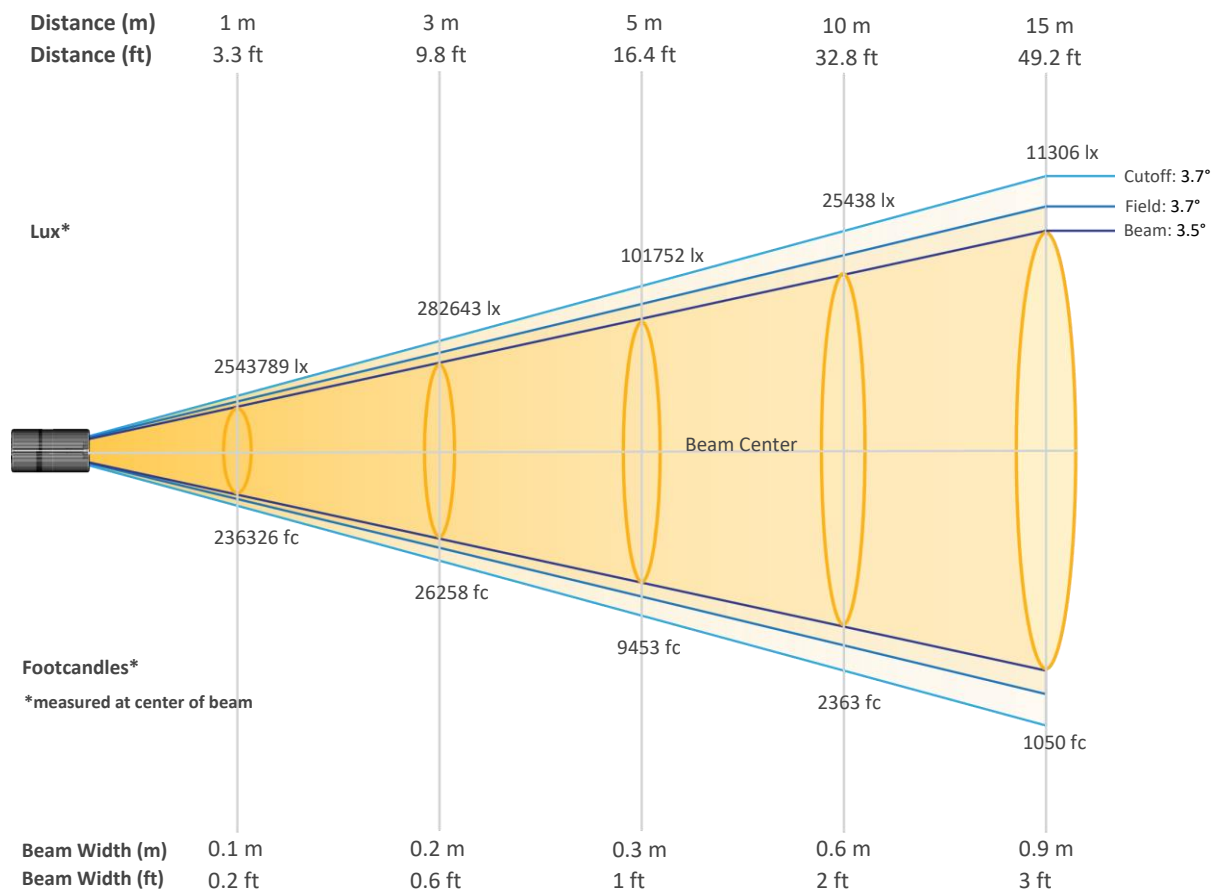
6594 K



Photometric & Chromaticity Report

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

Beam Details

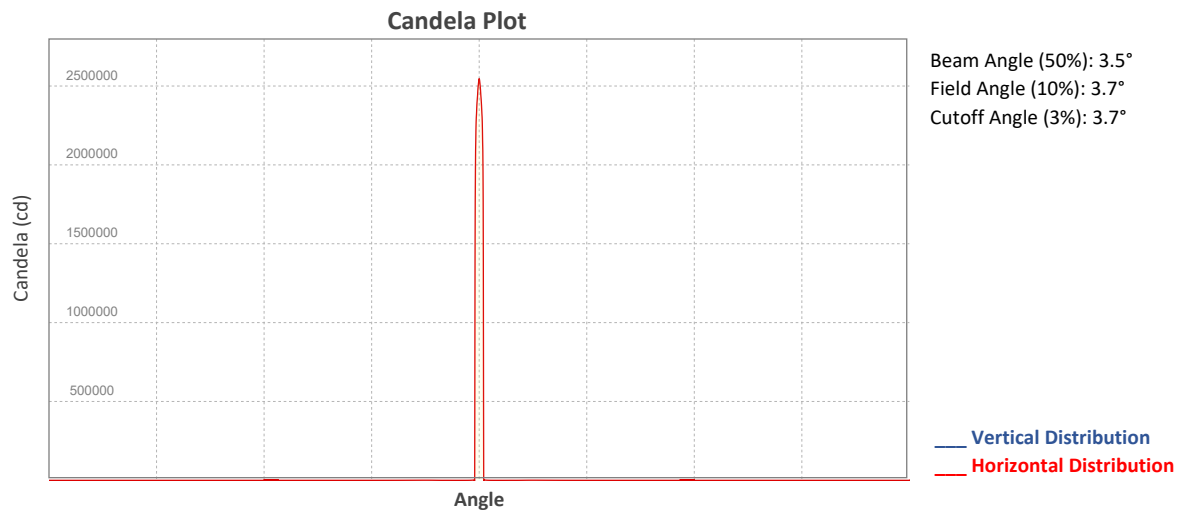


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2543789	635947	282643	158987	101752	70661	51914	39747	31405	25438
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	21023	17665	15052	12979	11306	9937	8802	7851	7047	6359
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	236326	59081	26258	14770	9453	6565	4823	3693	2918	2363
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1953	1641	1398	1206	1050	923	818	729	655	591

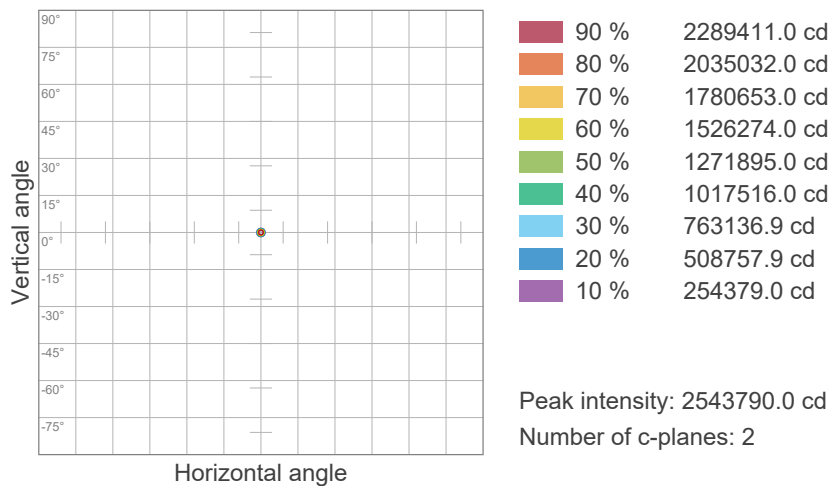
Photometric & Chromaticity Report

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

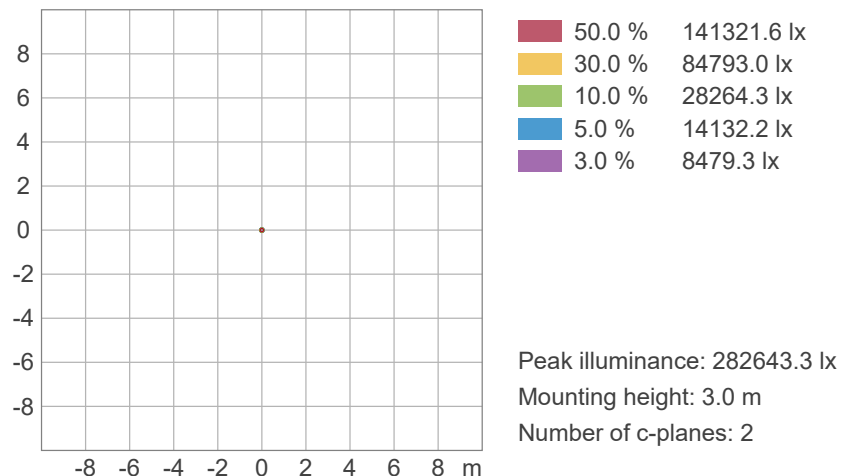


ISO Diagrams

ISO Candela Diagram



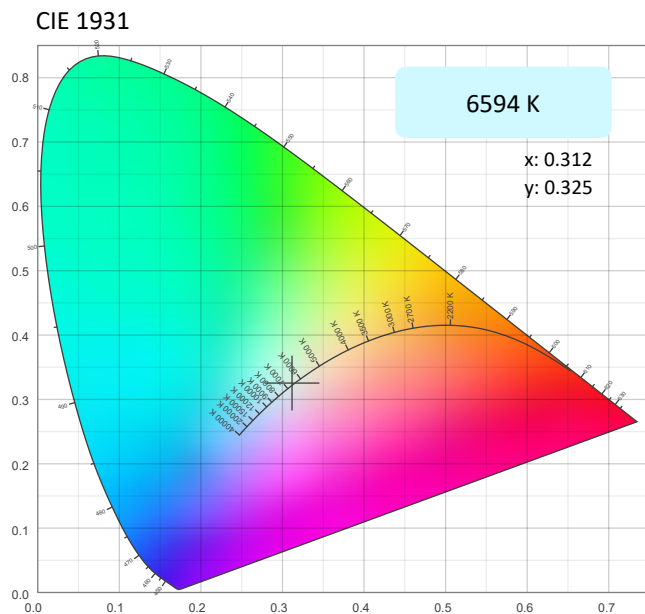
ISO Lux Diagram



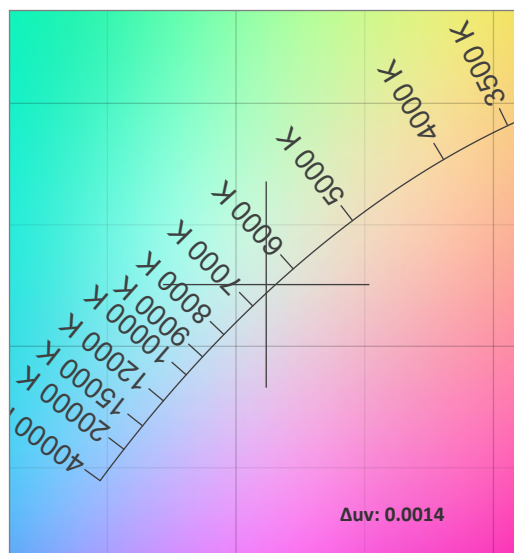
Photometric & Chromaticity Report

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

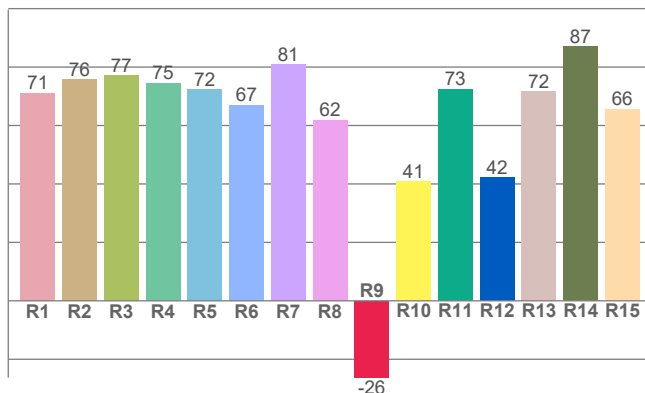
Chromaticity



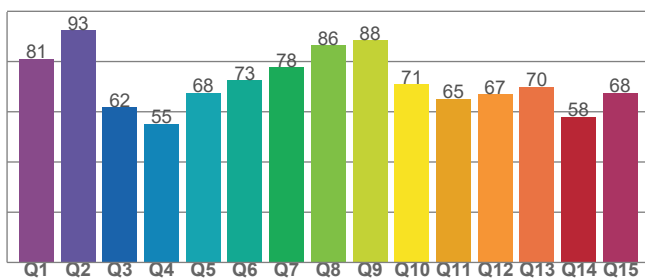
CIE 1931 - Zoom



CRI: 72.6 (R1-R8)



CQS: 70.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6594 K	0.312	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.325	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.6	-26.3	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.8	93.8

Photometric & Chromaticity Report

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

TM-30 Details

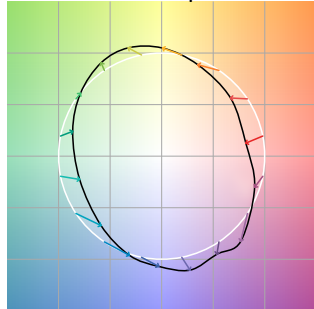
Rf 72.8

Fidelity Index
(Rg)

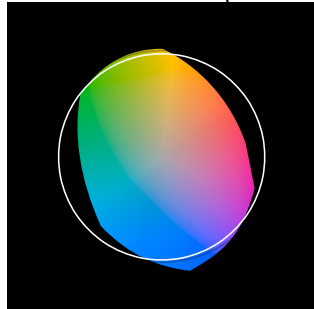
Rg 93.8

Gammut Index (Rg)

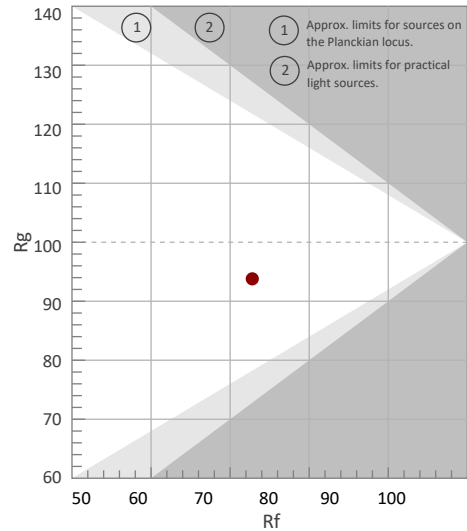
Color Vector Graphic



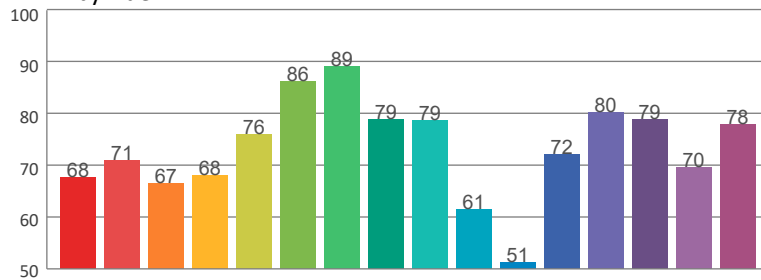
Color Distortion Graphic



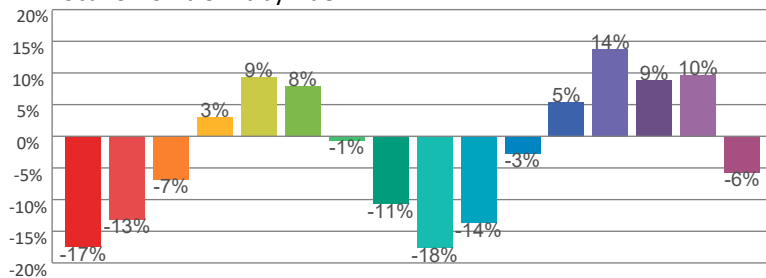
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	67	-7%	20%
4	68	3%	20%
5	76	9%	11%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-7%
9	79	-18%	7%
10	61	-14%	23%
11	51	-3%	27%
12	72	5%	18%
13	80	14%	5%
14	79	9%	-8%
15	70	10%	-26%
16	78	-6%	-12%



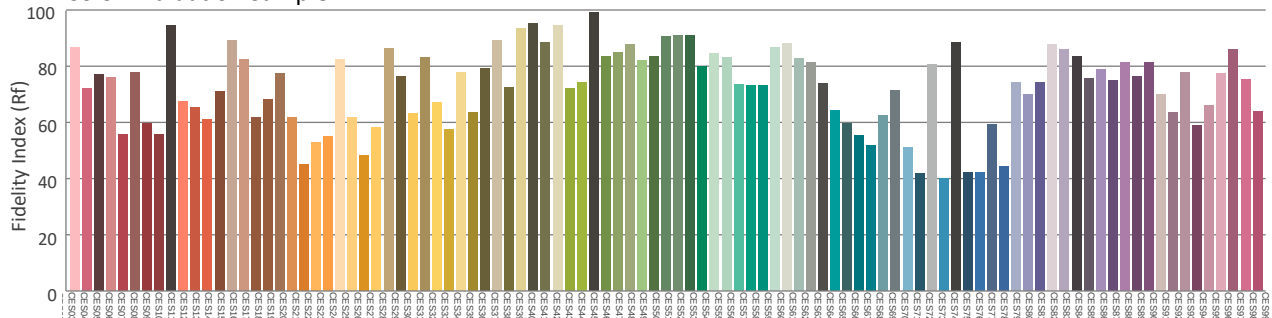
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 7178 lm
Fixture Peak: 2540640 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 101626 lux
Color Temperature: 6593 K
CRI: 72.6 CRI R9 Value: -26.1
CQS: 70.2
TLCI: 51
TM-30 Rf: 72.8
TM-30 Rg: 93.8
Beam Angle (50%): 3.4°
Field Angle (10%): 3.7°
Cutoff Angle (3%): 3.8°

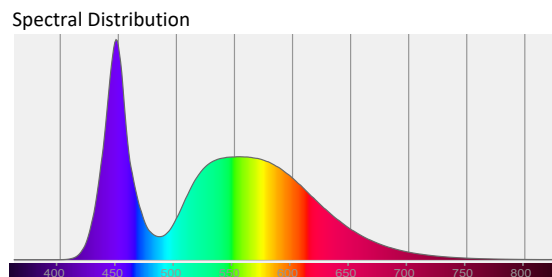
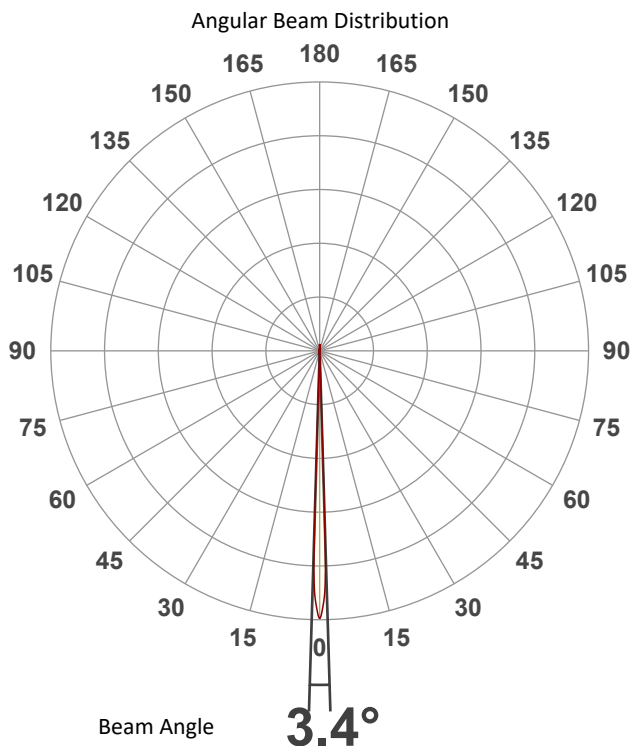
Conditions

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 6/3/2025 to LM-63-2002 Standards.

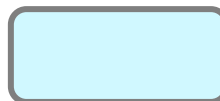
Overall Measurement



Tested Color (CIE 1931):

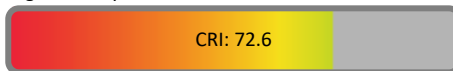
X: 0.312

Y: 0.325



Light Quality

CRI: 72.6



Color Temperature

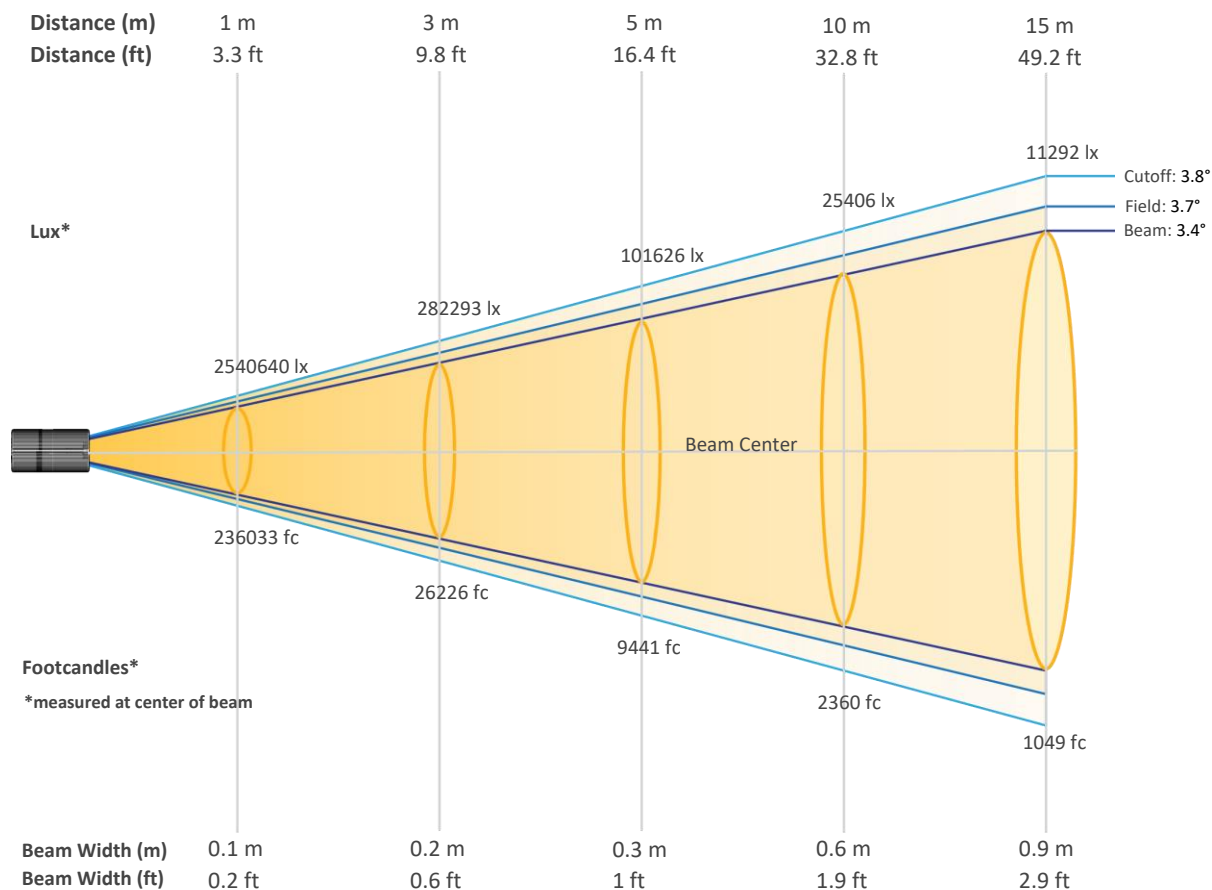
6593 K



Photometric & Chromaticity Report

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

Beam Details

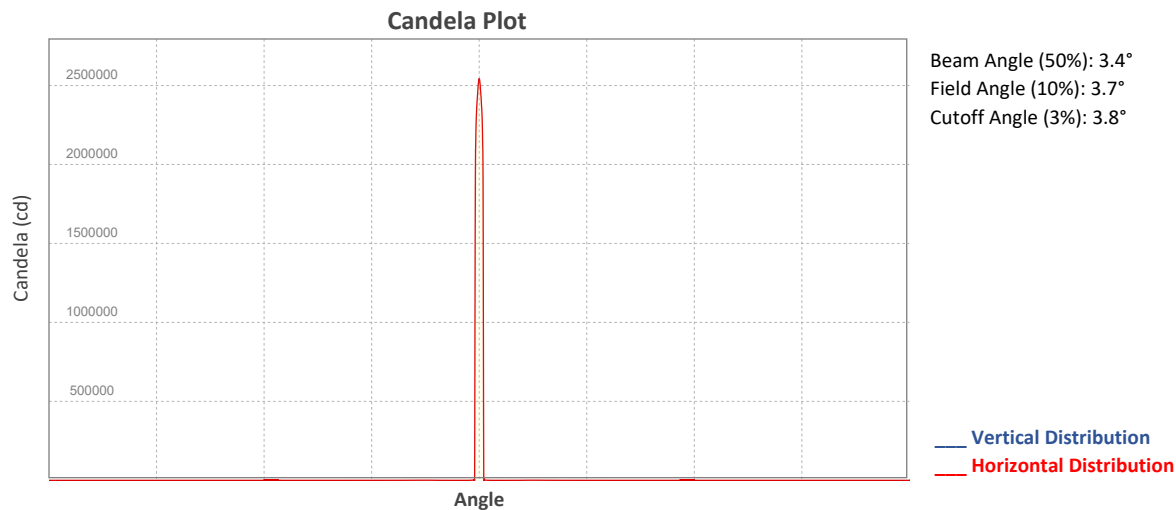


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2540640	635160	282293	158790	101626	70573	51850	39698	31366	25406
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	20997	17643	15033	12962	11292	9924	8791	7841	7038	6352
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	236033	59008	26226	14752	9441	6556	4817	3688	2914	2360
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1951	1639	1397	1204	1049	922	817	728	654	590

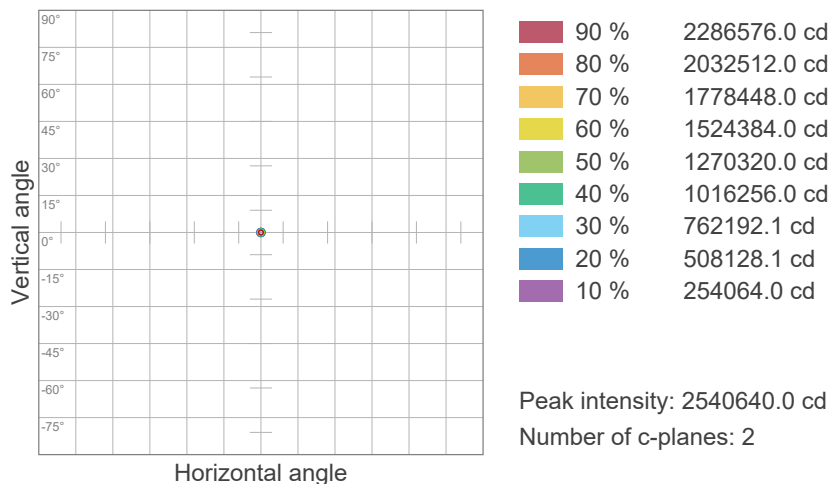
Photometric & Chromaticity Report

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

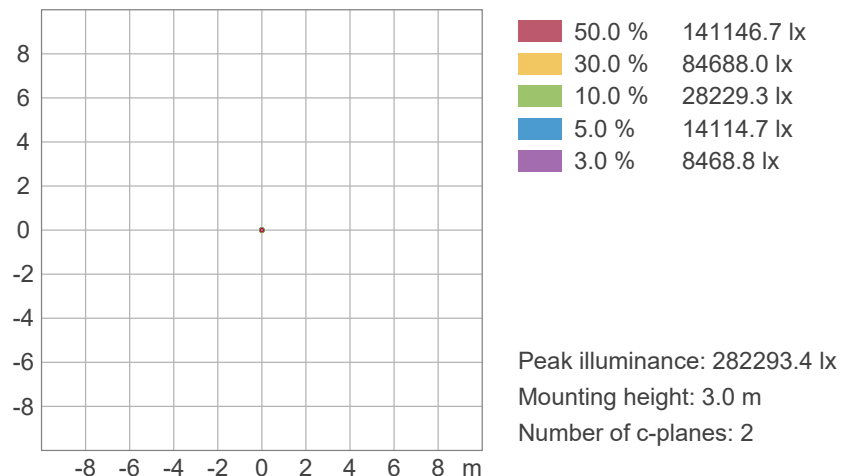


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

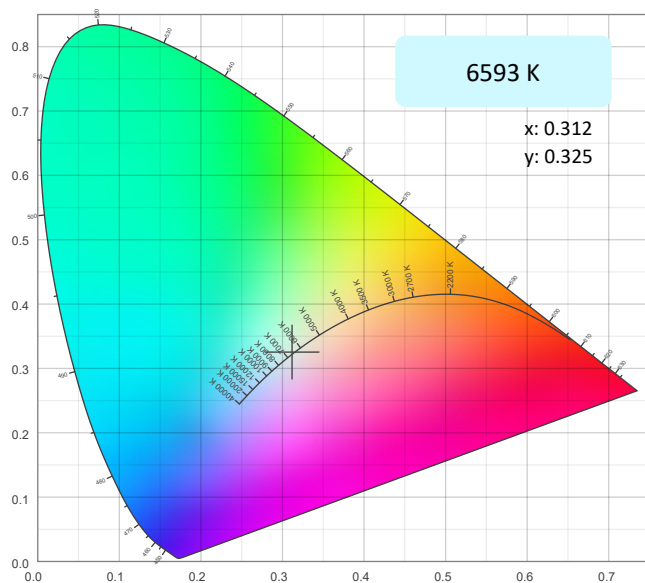


Photometric & Chromaticity Report

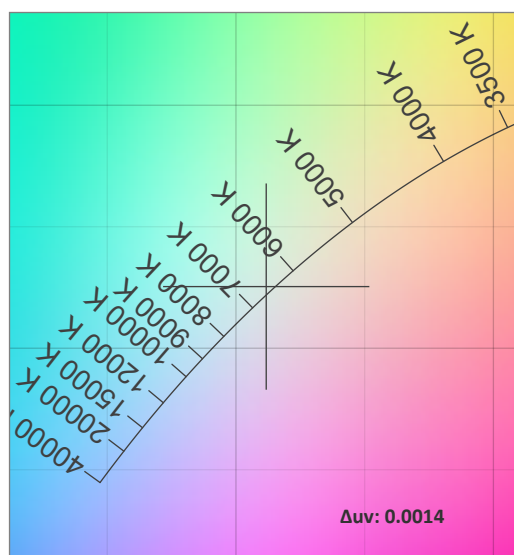
Maverick Force X Profile: Full Spot-Full Power - ECO

Chromaticity

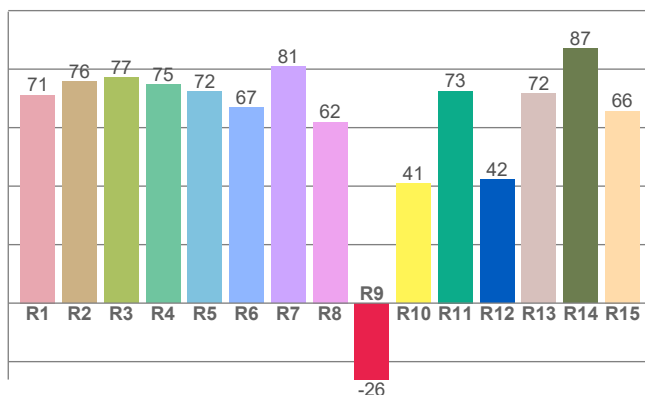
CIE 1931



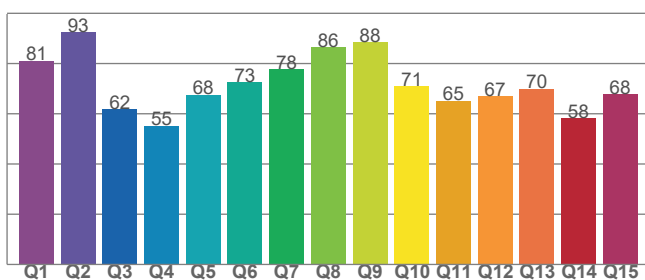
CIE 1931 - Zoom



CRI: 72.6 (R1-R8)



CQS: 70.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6593 K	0.312	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0014	0.325	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.6	-26.1	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.8	93.8

Photometric & Chromaticity Report

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

TM-30 Details

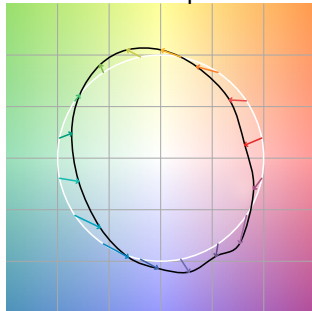
Rf 72.8

Fidelity Index
(Rg)

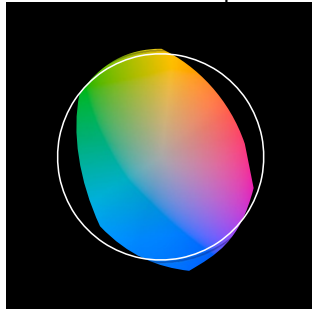
Rg 93.8

Gammut Index (Rg)

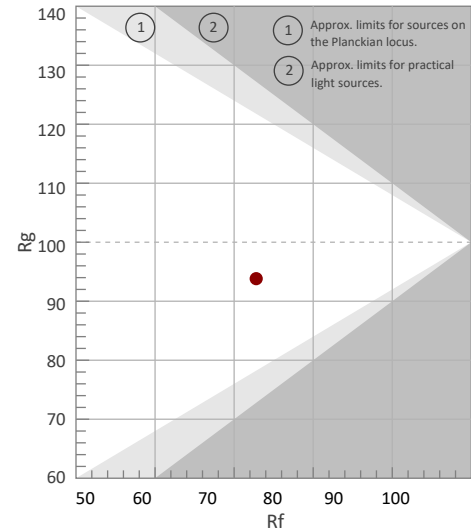
Color Vector Graphic



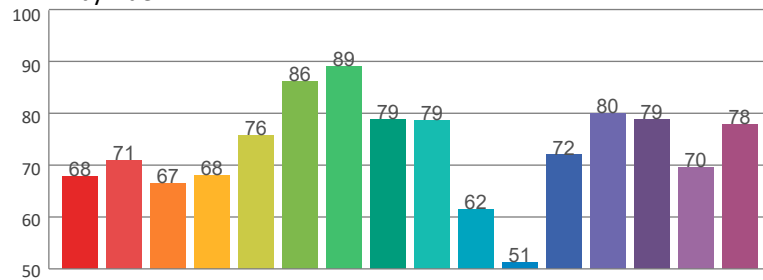
Color Distortion Graphic



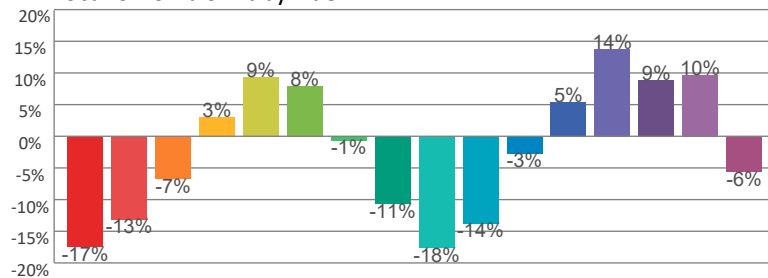
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	67	-7%	20%
4	68	3%	20%
5	76	9%	11%
6	86	8%	-1%
7	89	-1%	-7%
8	79	-11%	-7%
9	79	-18%	7%
10	62	-14%	23%
11	51	-3%	27%
12	72	5%	18%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-6%	-12%



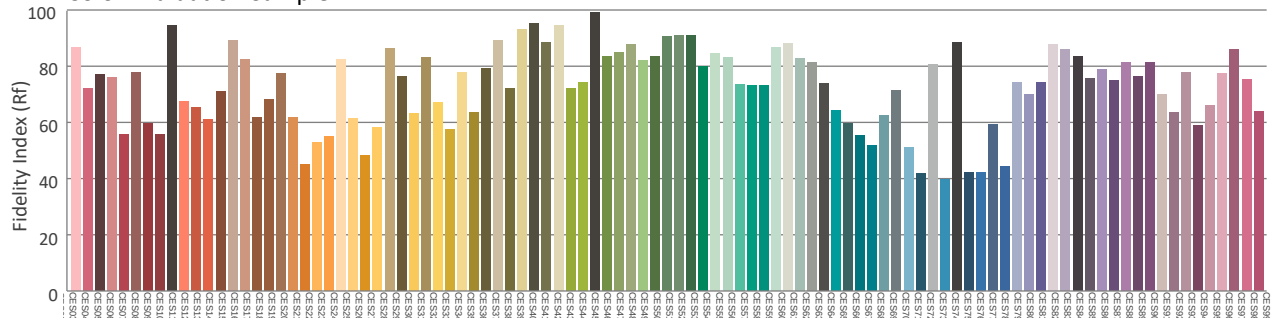
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 4563 lm
Fixture Peak: 1609477 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 64379 lux
Color Temperature: 6477 K
CRI: 71.8 CRI R9 Value: -29.5
CQS: 69.9
TLCI: 50
TM-30 Rf: 72.1
TM-30 Rg: 94.3
Beam Angle (50%): 3.4°
Field Angle (10%): 3.7°
Cutoff Angle (3%): 3.8°

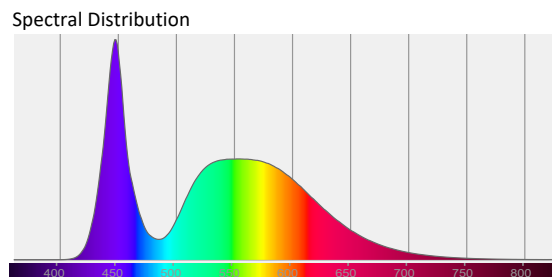
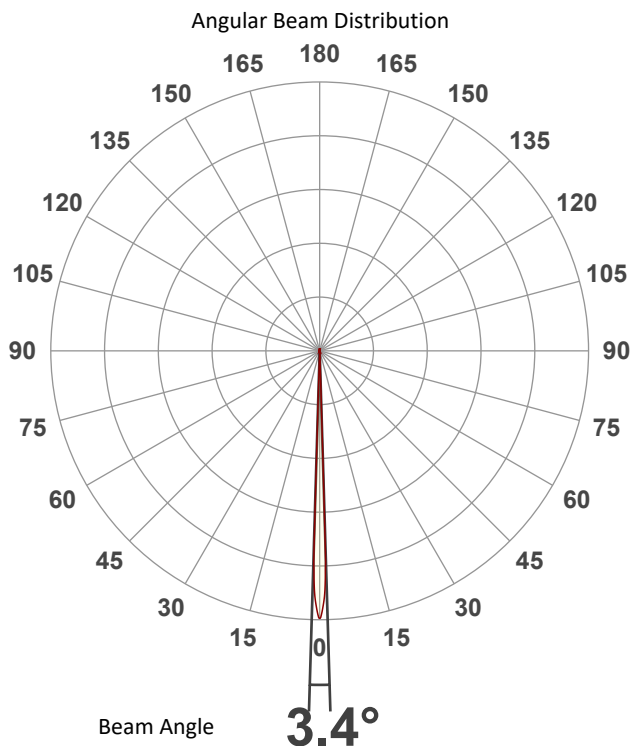
Conditions

AC Supply: 117 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 6/3/2025 to LM-63-2002 Standards.

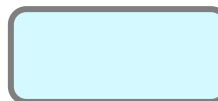
Overall Measurement



Tested Color (CIE 1931):

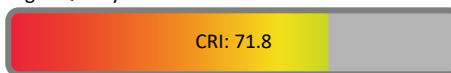
X: 0.313

Y: 0.328



Light Quality

CRI: 71.8



Color Temperature

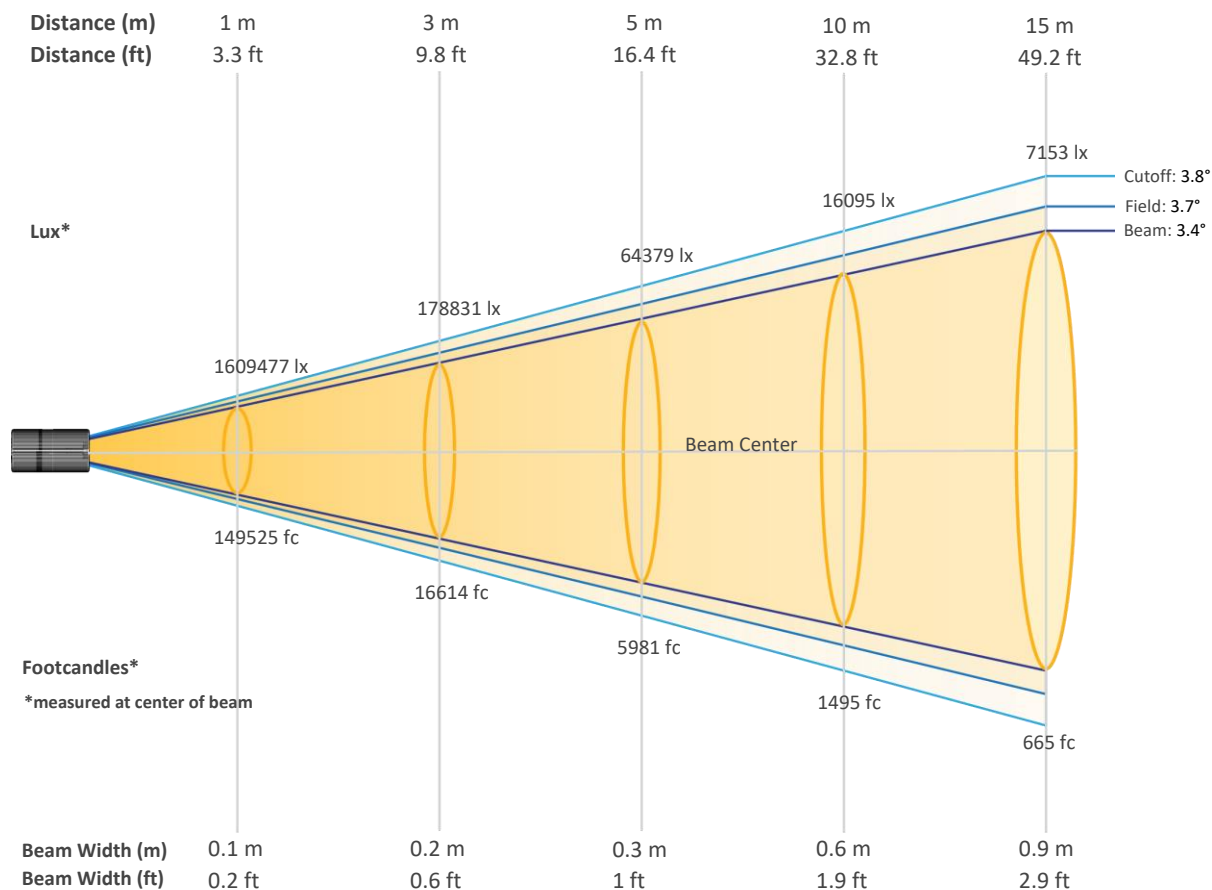
6477 K



Photometric & Chromaticity Report

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

Beam Details

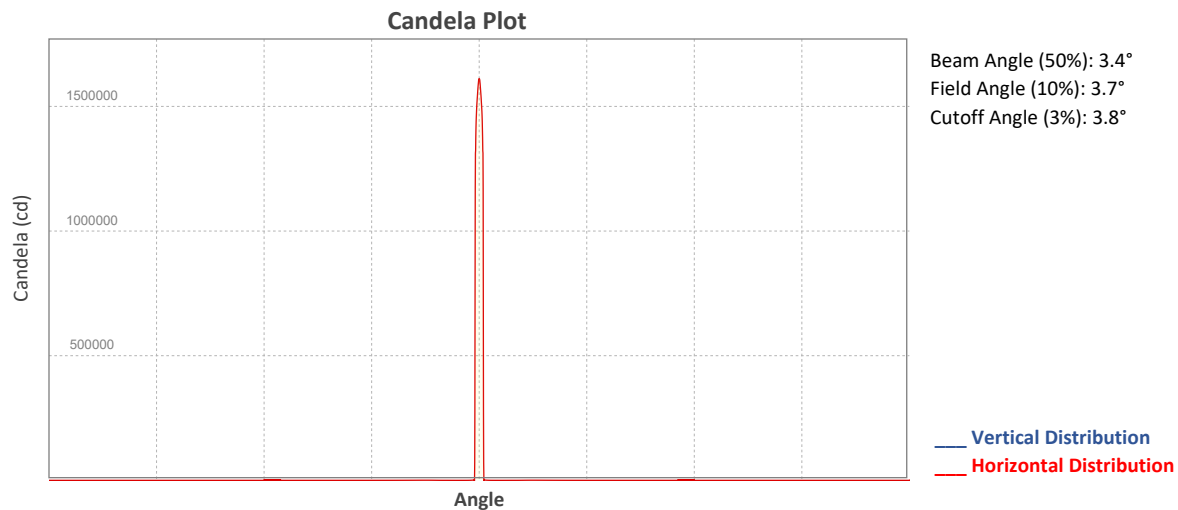


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1609477	402369	178831	100592	64379	44708	32846	25148	19870	16095
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	13301	11177	9524	8212	7153	6287	5569	4968	4458	4024
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	149525	37381	16614	9345	5981	4153	3052	2336	1846	1495
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1236	1038	885	763	665	584	517	461	414	374

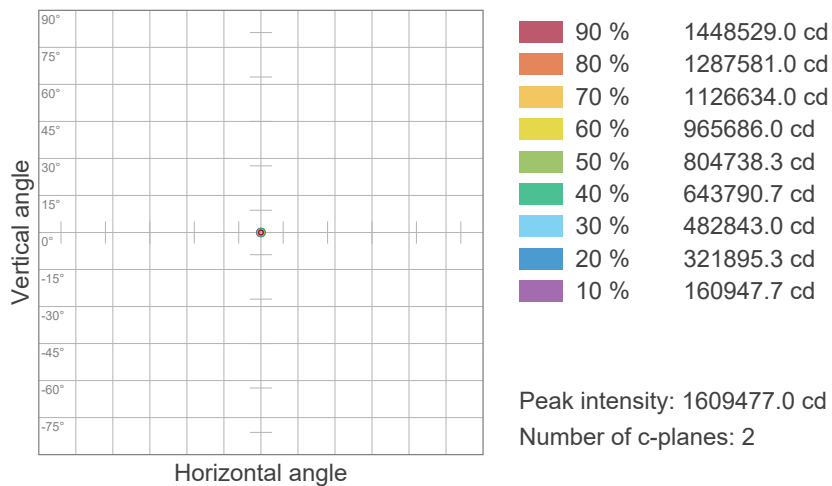
Photometric & Chromaticity Report

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

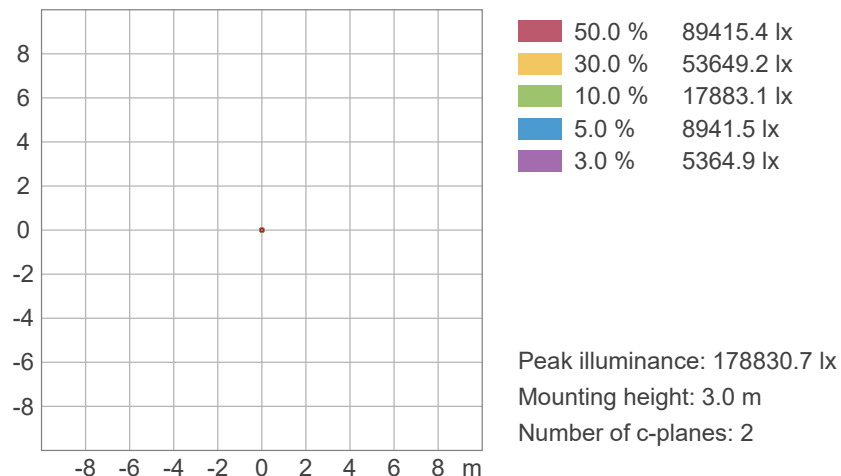


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

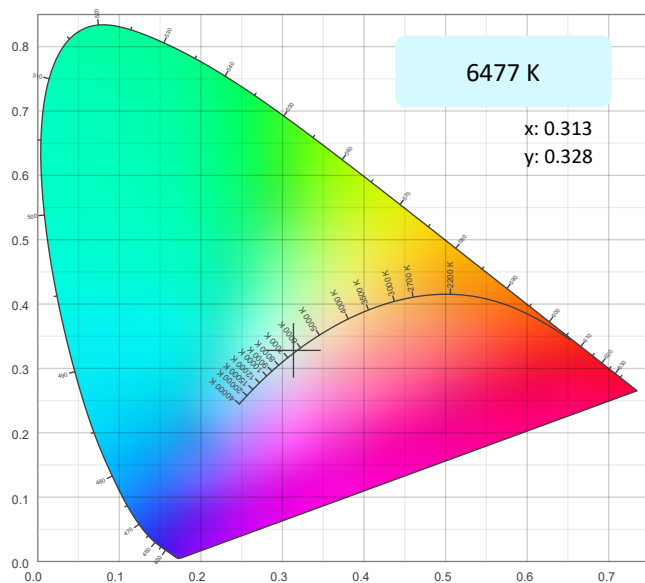


Photometric & Chromaticity Report

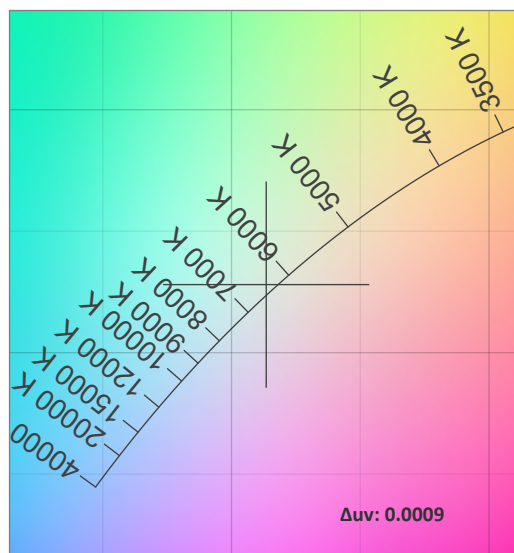
Maverick Force X Profile: Full Spot-Full Power - TV25

Chromaticity

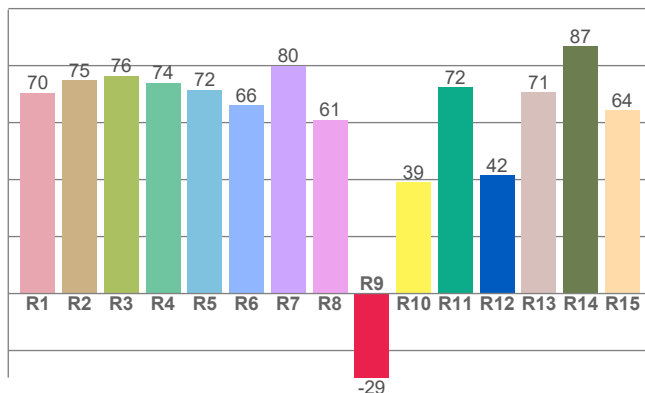
CIE 1931



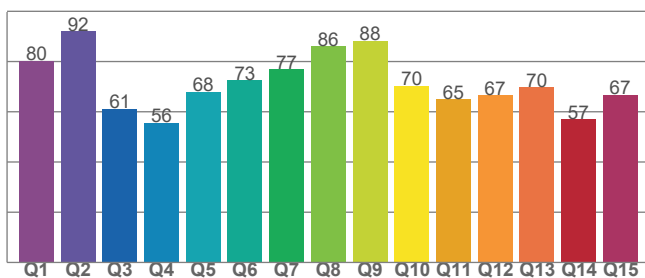
CIE 1931 - Zoom



CRI: 71.8 (R1-R8)



CQS: 69.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6477 K	0.313	0.328

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.328	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.8	-29.5	69.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.1	94.3

Photometric & Chromaticity Report

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

TM-30 Details

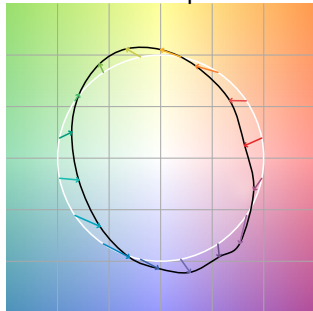
Rf 72.1

Fidelity Index
(Rg)

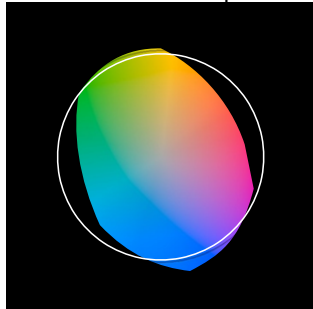
Rg 94.3

Gammut Index (Rg)

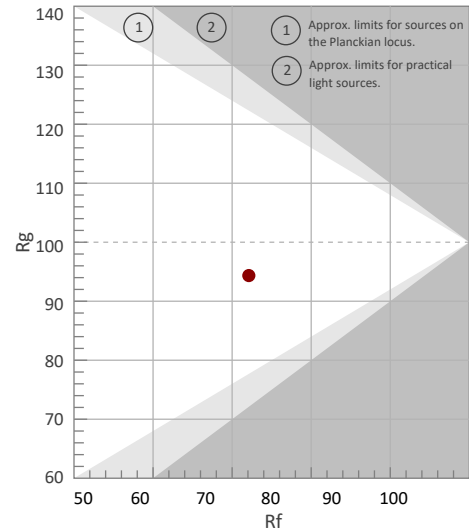
Color Vector Graphic



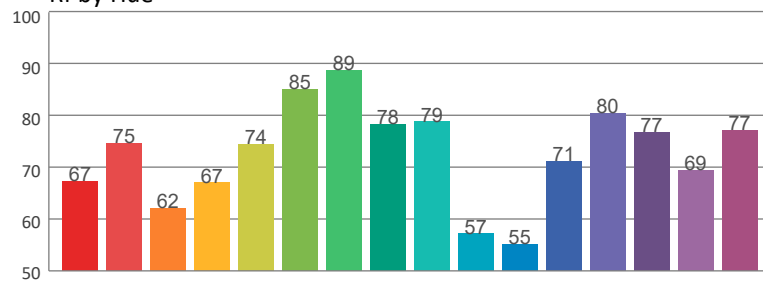
Color Distortion Graphic



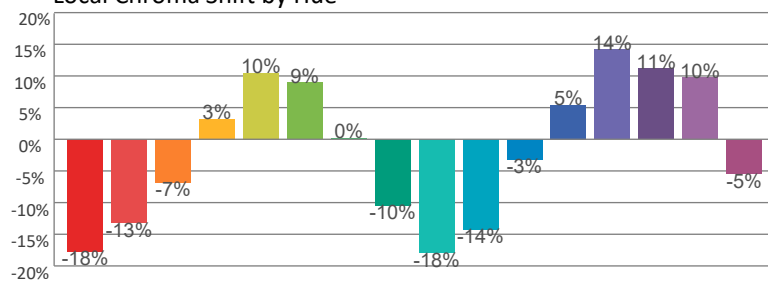
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	75	-13%	9%
3	62	-7%	21%
4	67	3%	20%
5	74	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	78	-10%	-8%
9	79	-18%	5%
10	57	-14%	22%
11	55	-3%	28%
12	71	5%	19%
13	80	14%	6%
14	77	11%	-6%
15	69	10%	-26%
16	77	-5%	-13%



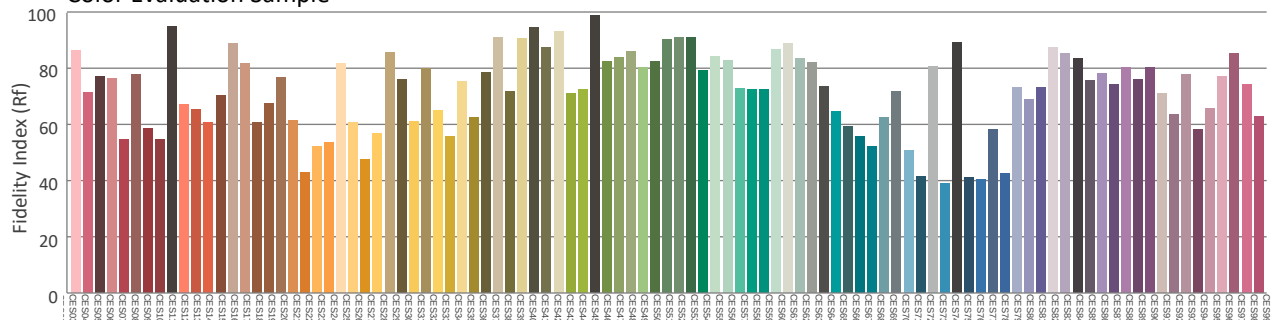
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 4794 lm

Fixture Peak: 1592147 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 63686 lux

Color Temperature: 6501 K

CRI: 72.0 CRI R9 Value: -28.3

CQS: 69.9

TLCI: 50

TM-30 Rf: 72.3

TM-30 Rg: 94.3

Beam Angle (50%): 3.4°

Field Angle (10%): 3.8°

Cutoff Angle (3%): 3.9°

Conditions

AC Supply: 115 V, 60 Hz

Power: 0.0 W

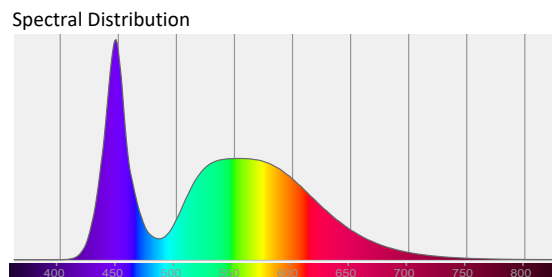
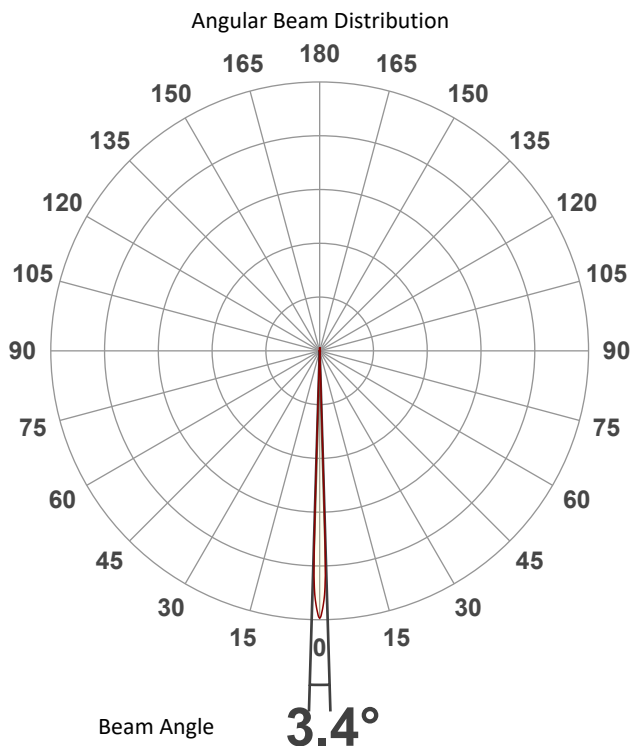
Current: 0.000 A

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 6/4/2025 to LM-63-2002 Standards.

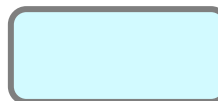
Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.327

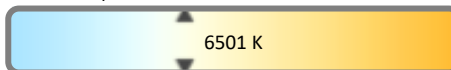


Light Quality

CRI: 72.0

Color Temperature

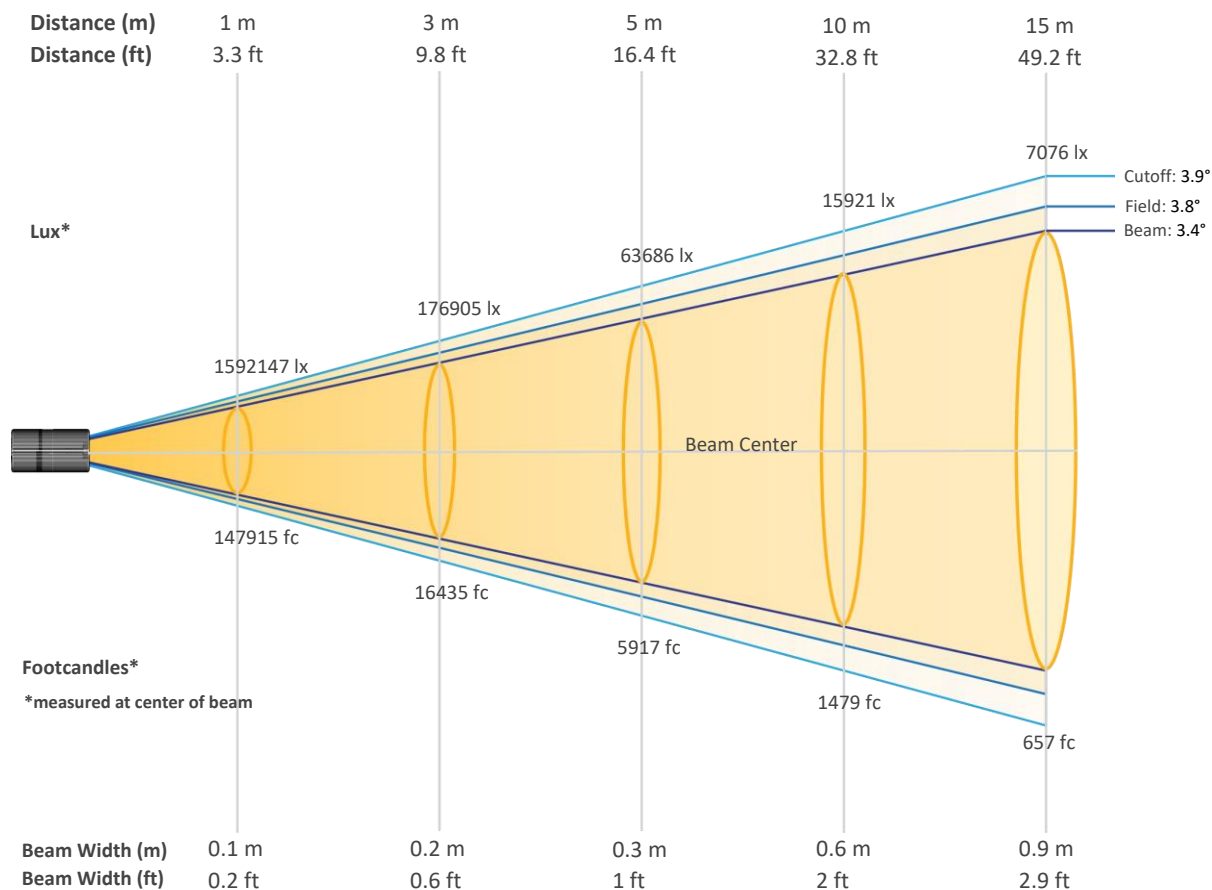
6501 K



Photometric & Chromaticity Report

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

Beam Details

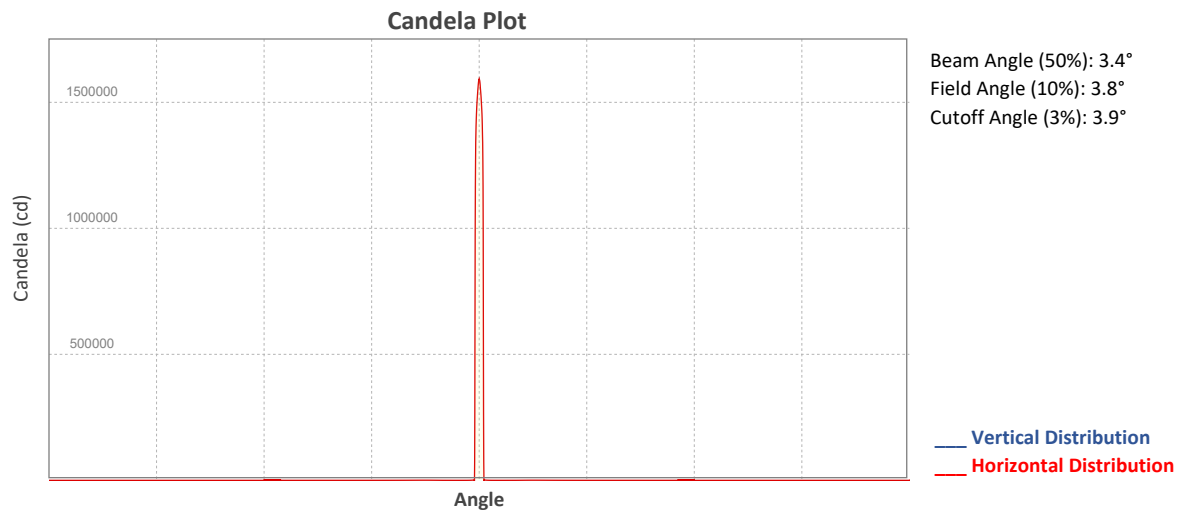


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1592147	398037	176905	99509	63686	44226	32493	24877	19656	15921
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	13158	11057	9421	8123	7076	6219	5509	4914	4410	3980
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	147915	36979	16435	9245	5917	4109	3019	2311	1826	1479
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1222	1027	875	755	657	578	512	457	410	370

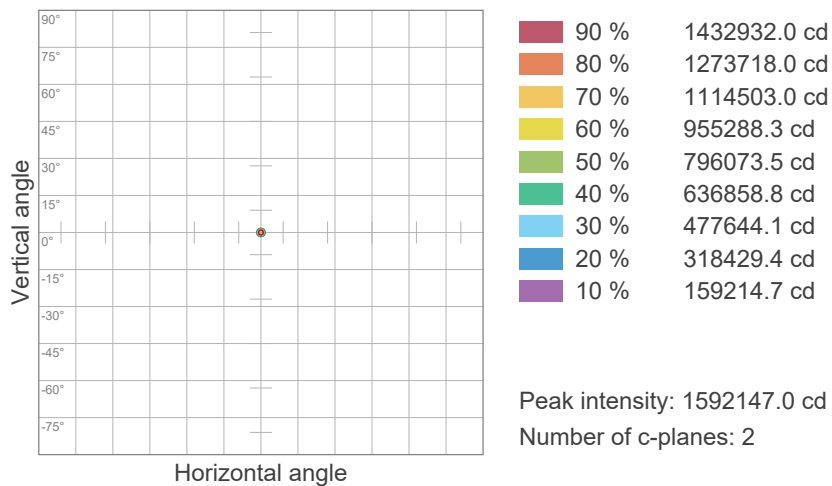
Photometric & Chromaticity Report

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

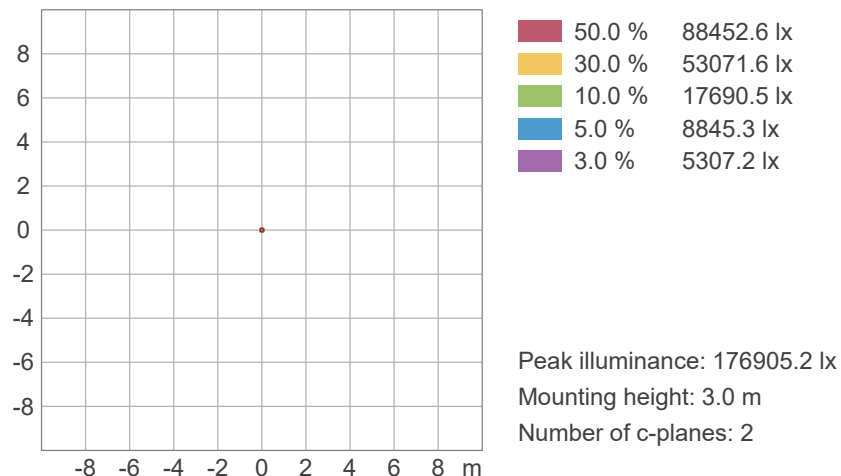


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

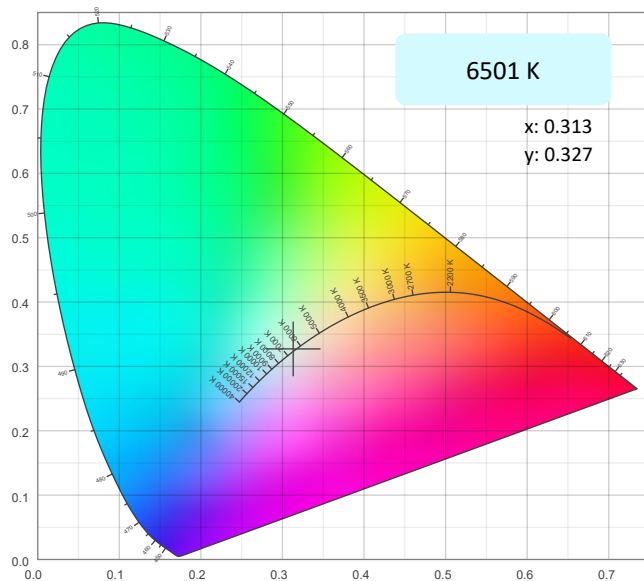


Photometric & Chromaticity Report

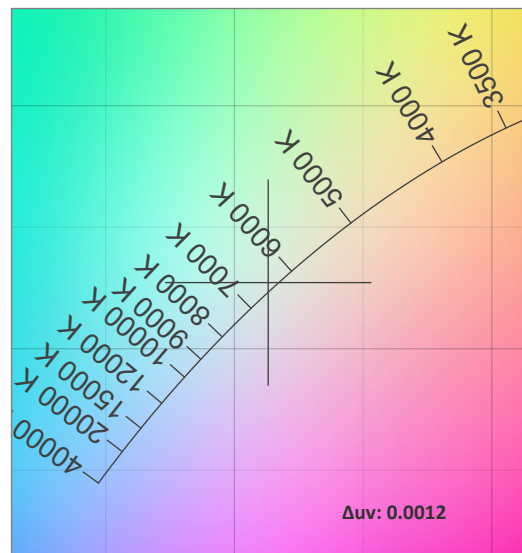
Maverick Force X Profile: Full Spot-Full Power - TV25-Stable

Chromaticity

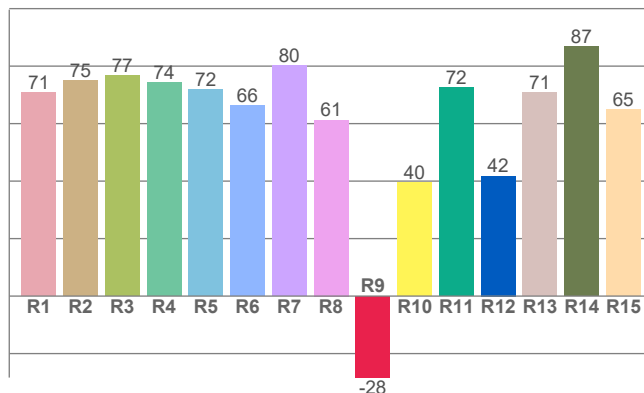
CIE 1931



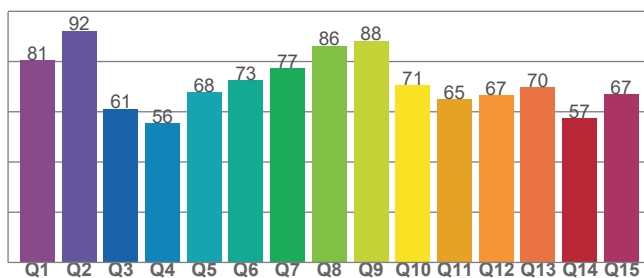
CIE 1931 - Zoom



CRI: 72.0 (R1-R8)



CQS: 69.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6501 K	0.313	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0012	0.327	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.0	-28.3	69.9

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

Photometric & Chromaticity Report

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

TM-30 Details

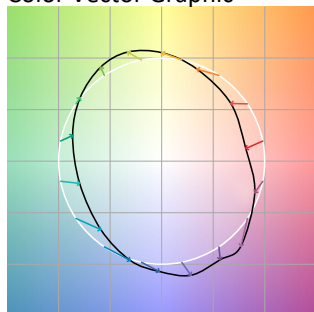
Rf 72.3

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

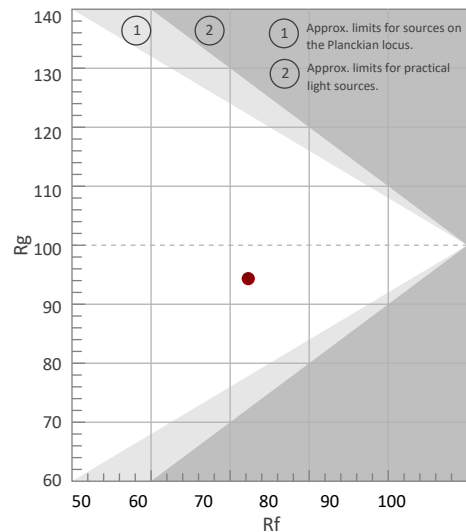
Color Vector Graphic



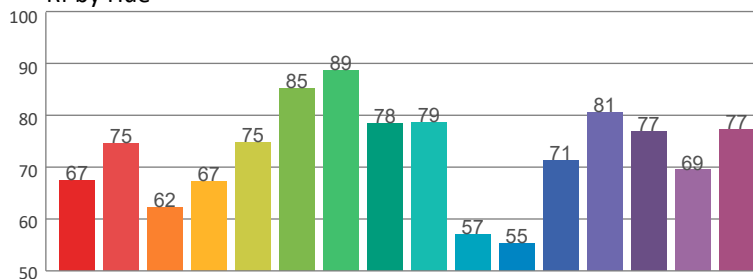
Color Distortion Graphic



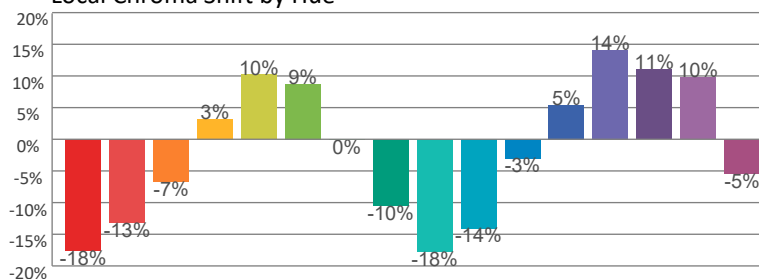
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	67	-18%	-4%
2	75	-13%	9%
3	62	-7%	21%
4	67	3%	20%
5	75	10%	12%
6	85	9%	-1%
7	89	0%	-7%
8	78	-10%	-8%
9	79	-18%	6%
10	57	-14%	22%
11	55	-3%	28%
12	71	5%	19%
13	81	14%	6%
14	77	11%	-6%
15	69	10%	-26%
16	77	-5%	-12%



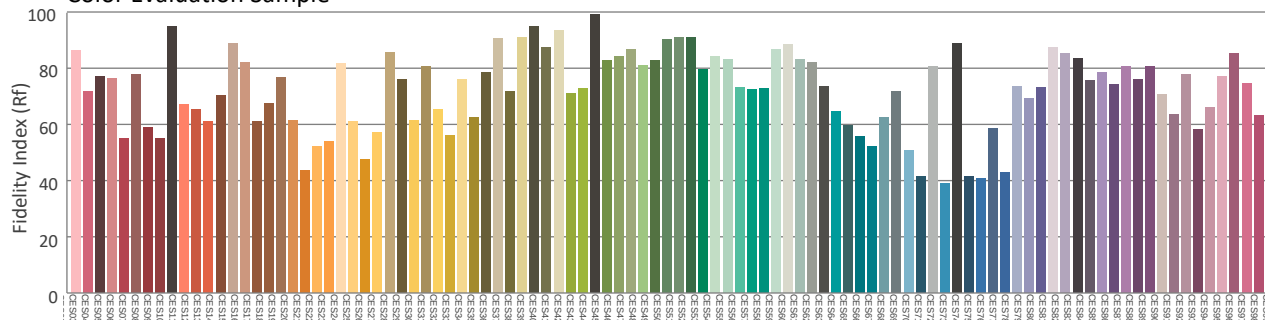
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Maverick Force X Profile: 50% Zoom-Full Power - ECO

Report Summary

Measurements

Fixture Output: 18769 lm
Fixture Peak: 262111 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 10484 lux
Color Temperature: 6609 K
CRI: 72.7 CRI R9 Value: -25.1
CQS: 70.2
TLCI: 51
TM-30 Rf: 72.8
TM-30 Rg: 94.0
Beam Angle (50%): 17.9°
Field Angle (10%): 19.1°
Cutoff Angle (3%): 19.6°

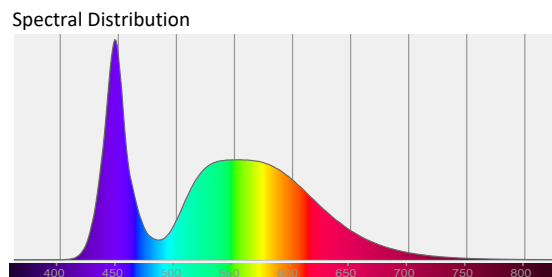
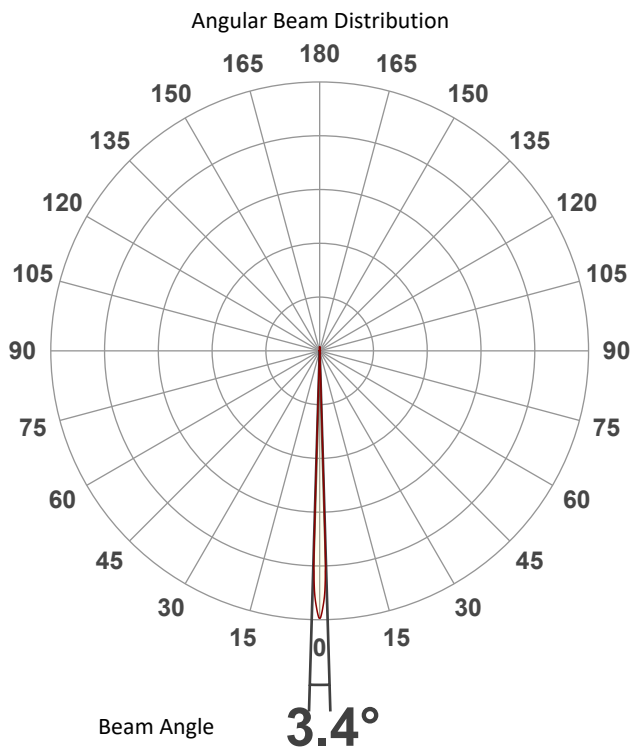
Conditions

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 6/3/2025 to LM-63-2002 Standards.

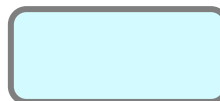
Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.325



Light Quality

CRI: 72.7

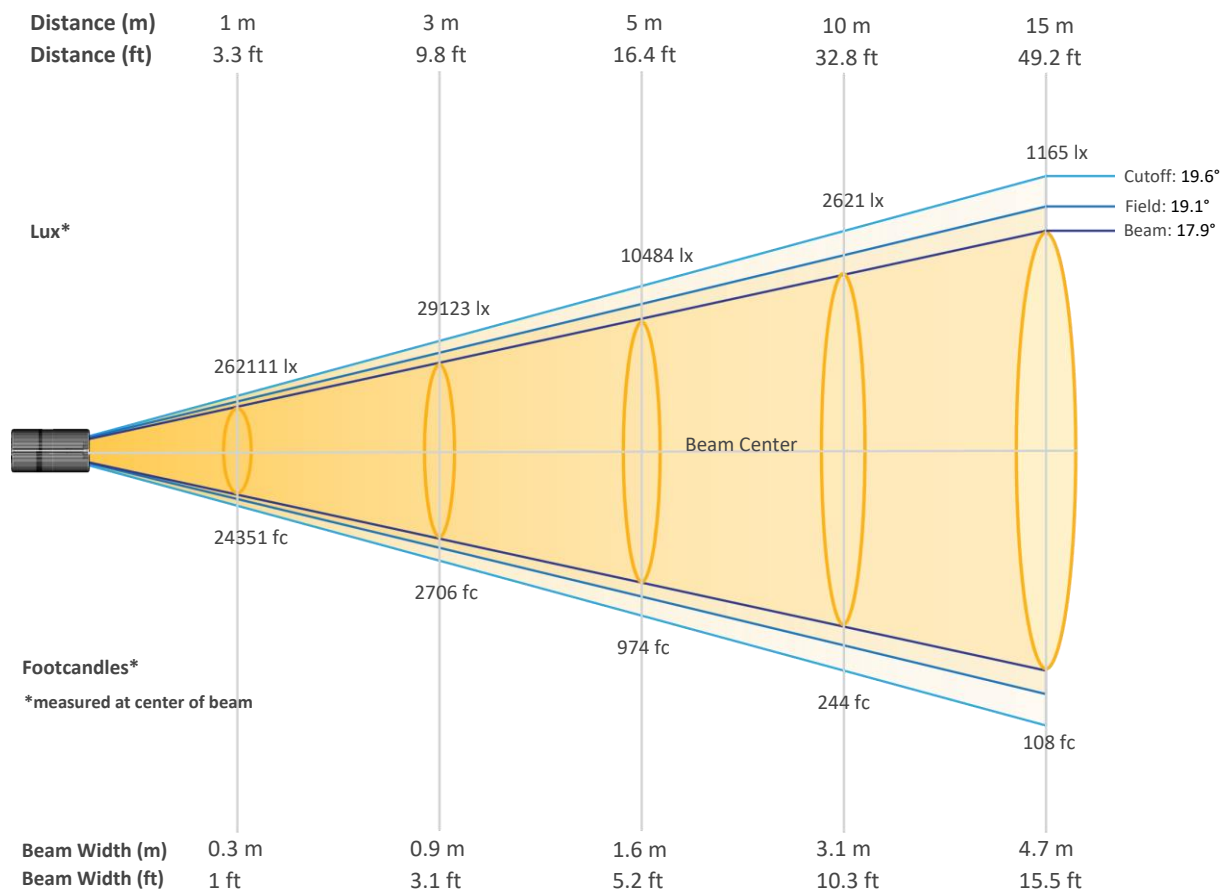
Color Temperature

6609 K

Photometric & Chromaticity Report

Maverick Force X Profile: 50% Zoom-Full Power - ECO

Beam Details

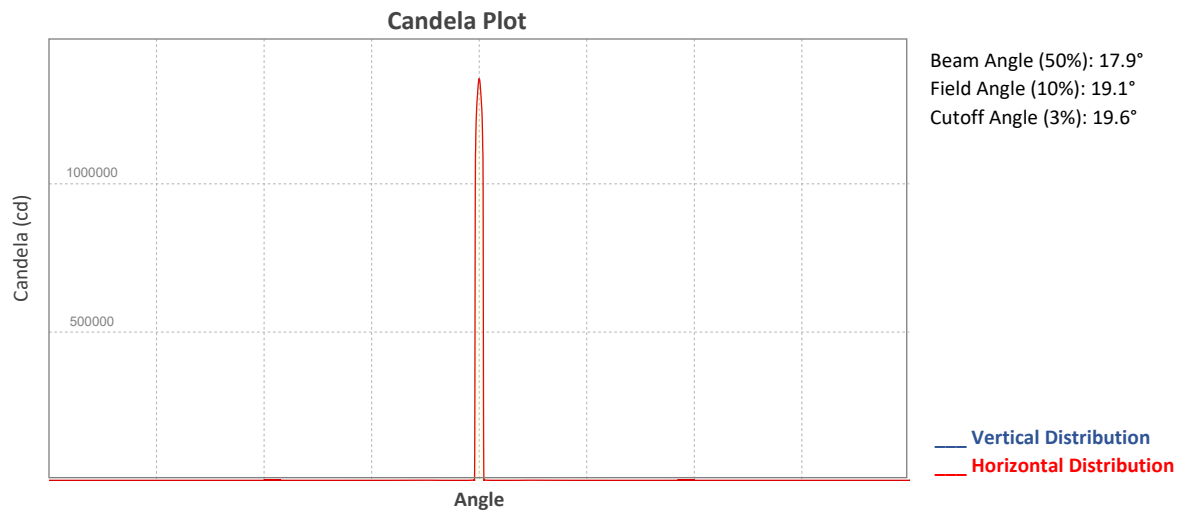


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26211	65528	29123	16382	10484	7281	5349	4095	3236	2621
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2166	1820	1551	1337	1165	1024	907	809	726	655
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	24351	6088	2706	1522	974	676	497	380	301	244
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	201	169	144	124	108	95	84	75	67	61

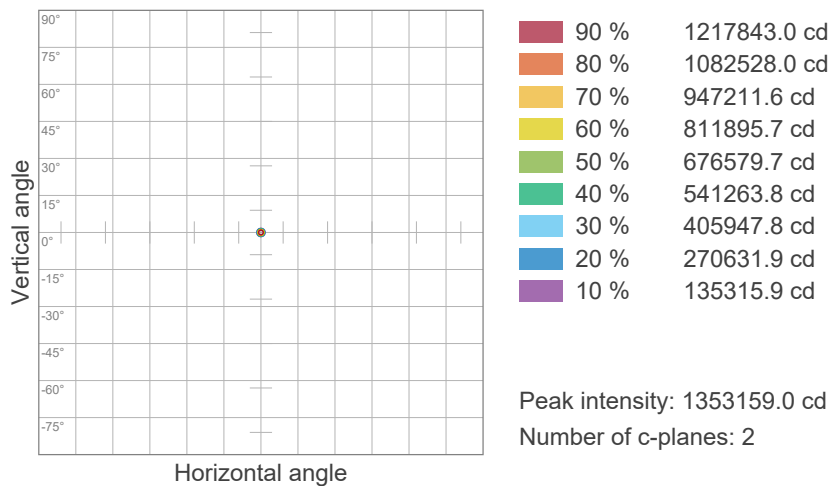
Photometric & Chromaticity Report

Maverick Force X Profile: 50% Zoom-Full Power - ECO

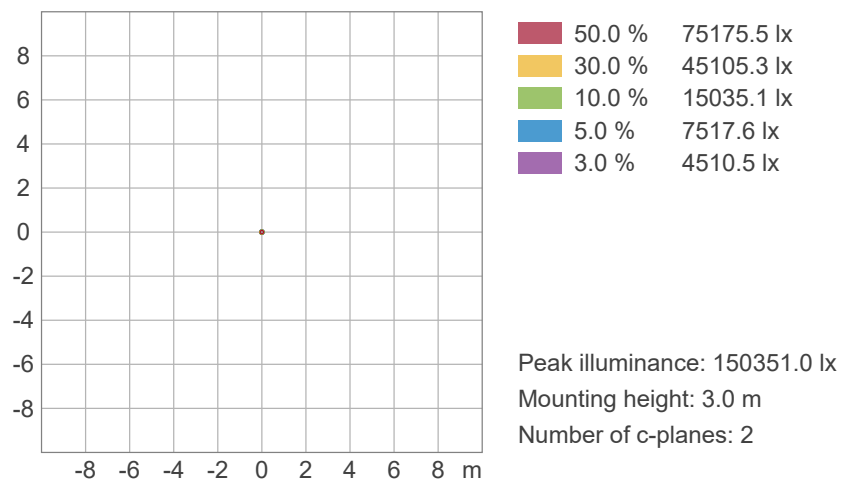


ISO Diagrams

ISO Candela Diagram



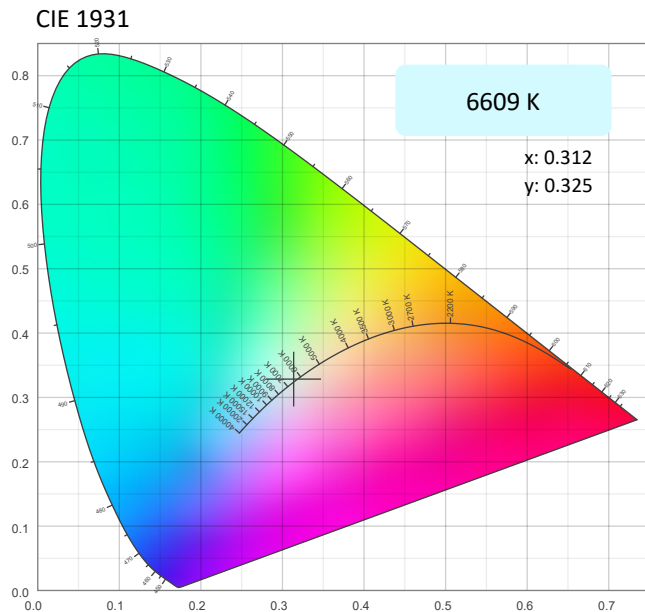
ISO Lux Diagram



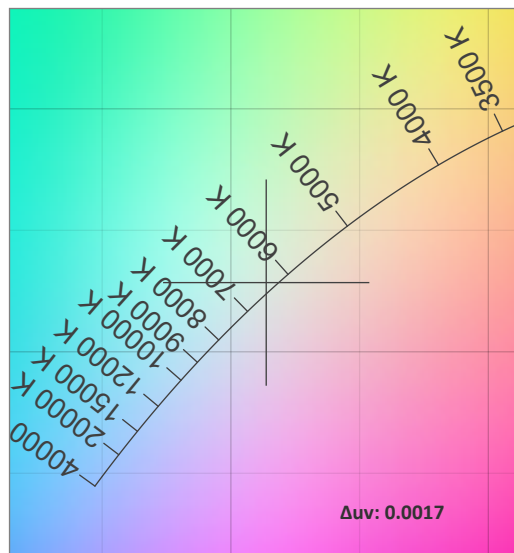
Photometric & Chromaticity Report

Maverick Force X Profile: 50% Zoom-Full Power - ECO

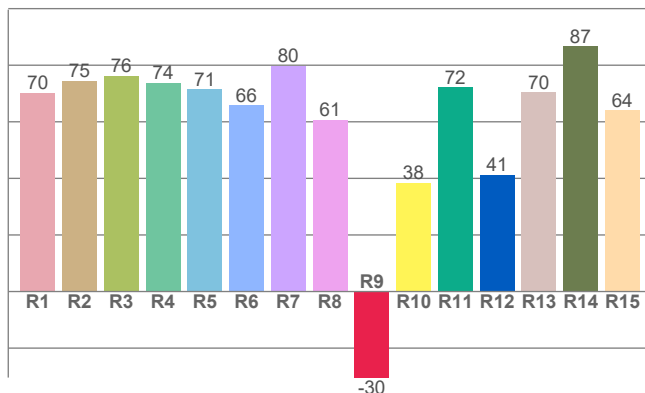
Chromaticity



CIE 1931 - Zoom



CRI: 72.7 (R1-R8)

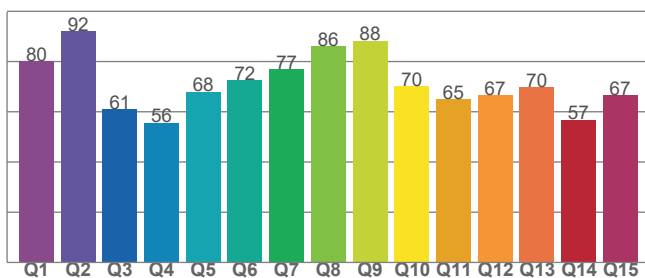


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6609 K	0.312	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0017	0.325	0.199

CQS: 70.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.7	-25.1	70.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.8	94.0

Photometric & Chromaticity Report

Maverick Force X Profile: 50% Zoom-Full Power - ECO

TM-30 Details

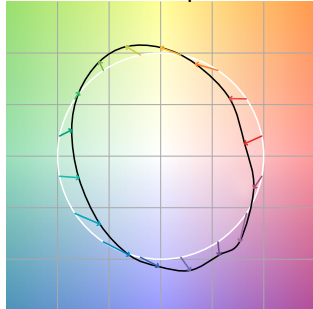
Rf 72.8

Fidelity Index
(Rg)

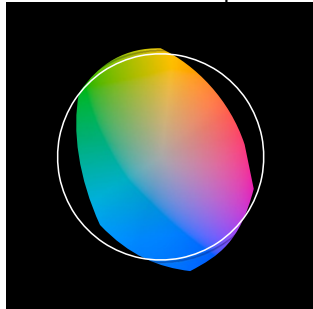
Rg 94.0

Gammut Index (Rg)

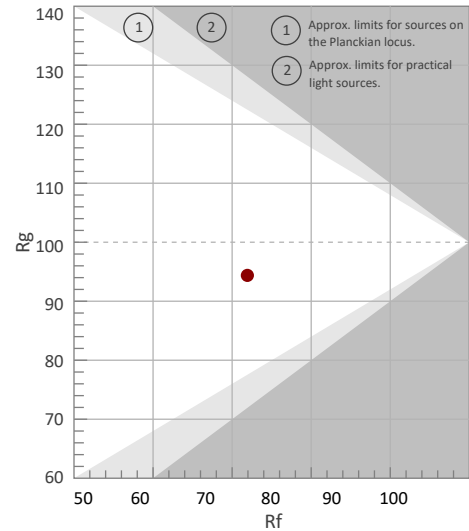
Color Vector Graphic



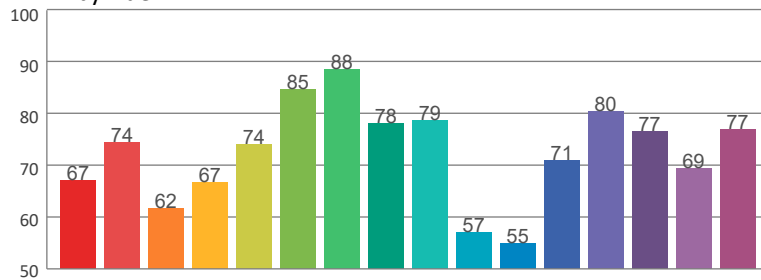
Color Distortion Graphic



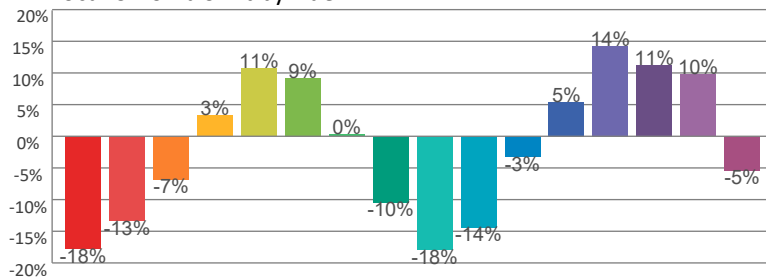
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	67	-7%	20%
4	68	3%	20%
5	76	9%	11%
6	86	8%	-1%
7	89	0%	-7%
8	79	-11%	-7%
9	79	-18%	7%
10	61	-14%	23%
11	51	-3%	28%
12	72	5%	18%
13	80	14%	6%
14	79	9%	-8%
15	70	10%	-26%
16	78	-6%	-12%



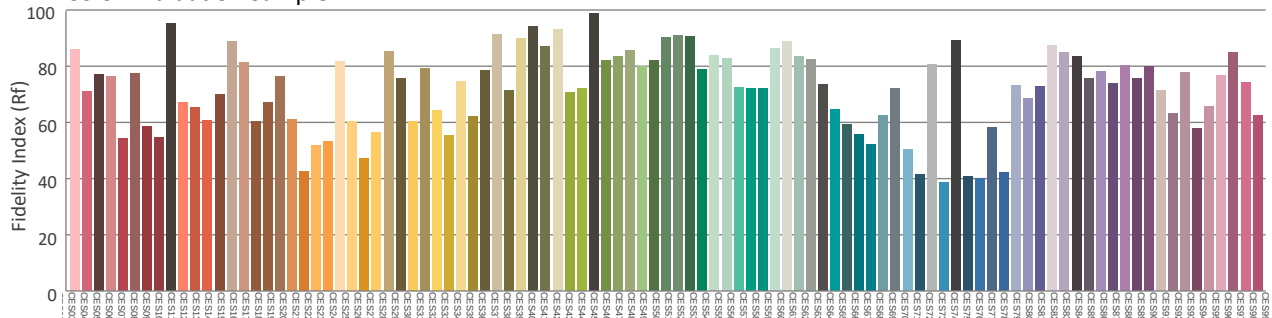
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 9652 lm

Fixture Peak: 15833 cd

Fixture Efficacy: n/a lm/W

Intensity @ 5m: 633 lux

Color Temperature: 6624 K

CRI: 72.2 CRI R9 Value: -26.6

CQS: 69.8

TLCI: 50

TM-30 Rf: 72.1

TM-30 Rg: 94.3

Beam Angle (50%): 51.6°

Field Angle (10%): 56.5°

Cutoff Angle (3%): 57.7°

Conditions

AC Supply: 116 V, 60 Hz

Power: 0.0 W

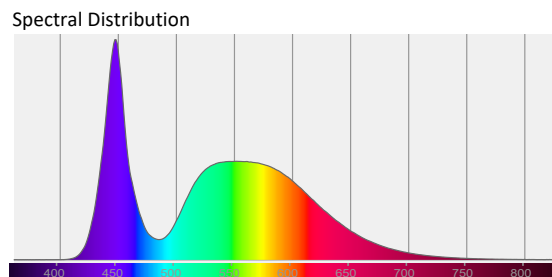
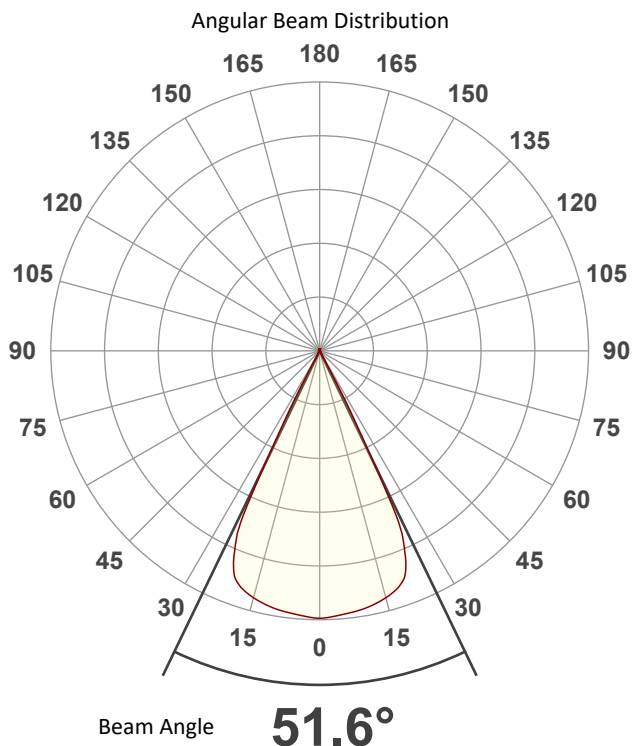
Current: 0.000 A

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 6/4/2025 to LM-63-2002 Standards.

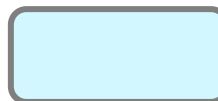
Overall Measurement



Tested Color (CIE 1931):

X: 0.311

Y: 0.324



Light Quality

CRI: 72.2

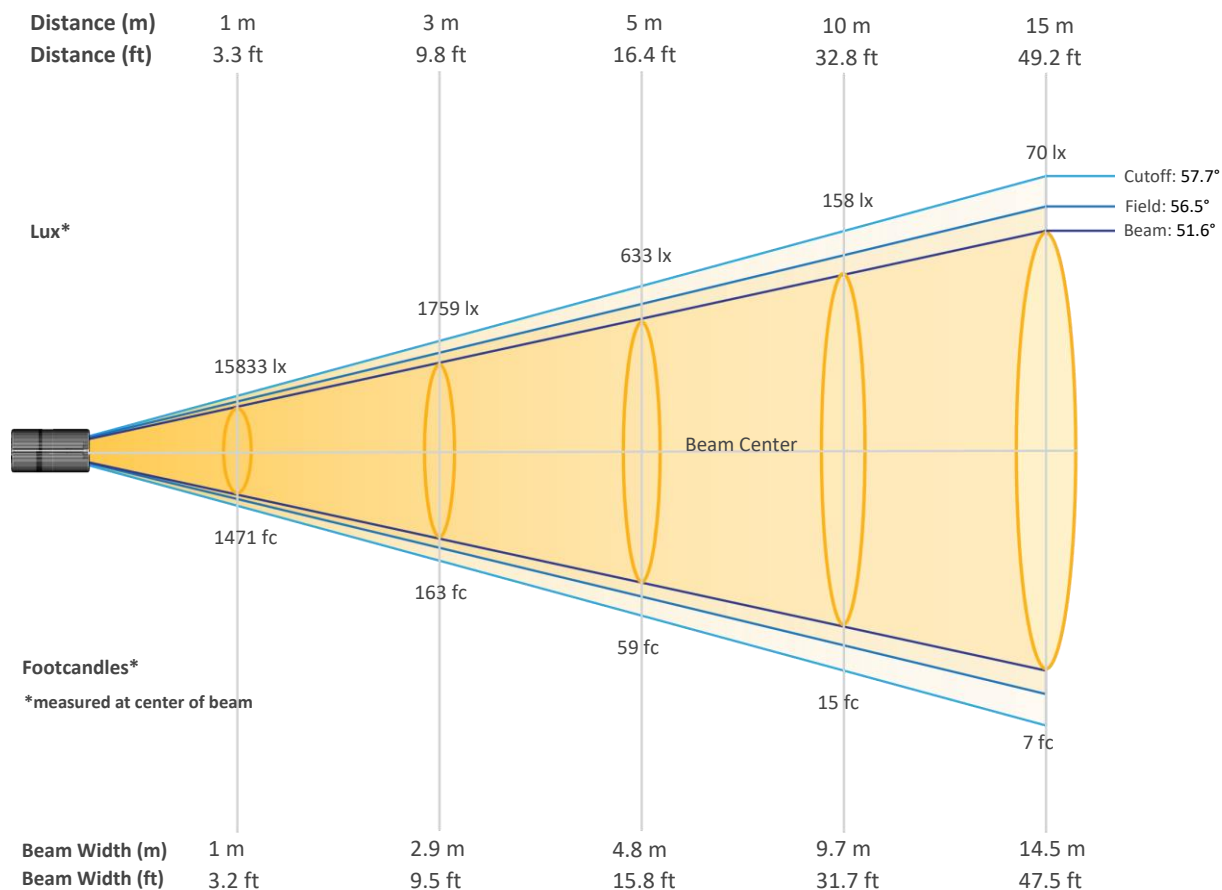
Color Temperature

6624 K

Photometric & Chromaticity Report

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

Beam Details

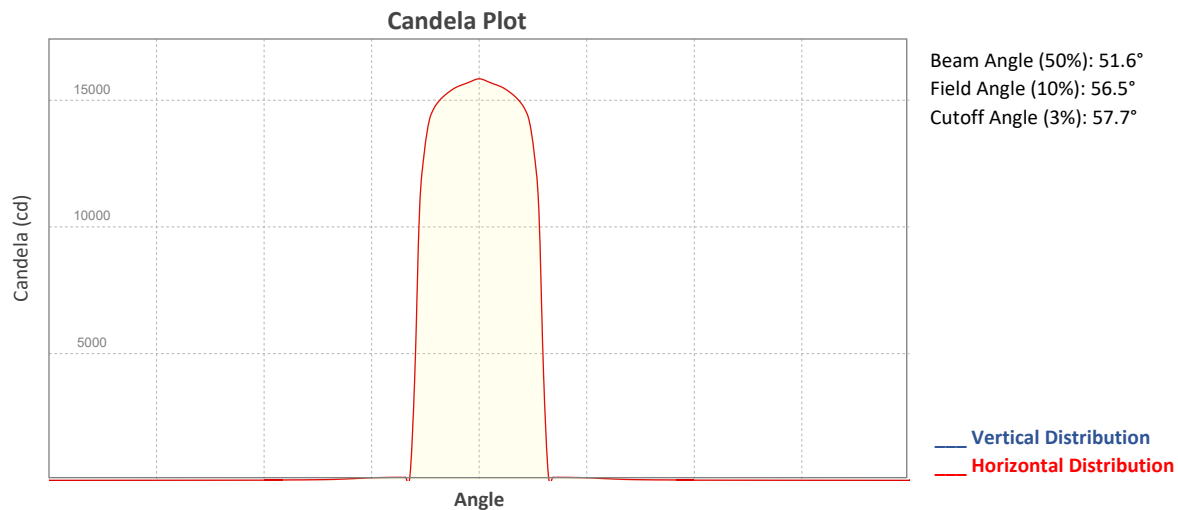


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15833	3958	1759	990	633	440	323	247	195	158
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	131	110	94	81	70	62	55	49	44	40
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1471	368	163	92	59	41	30	23	18	15
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	9	8	7	6	5	5	4	4

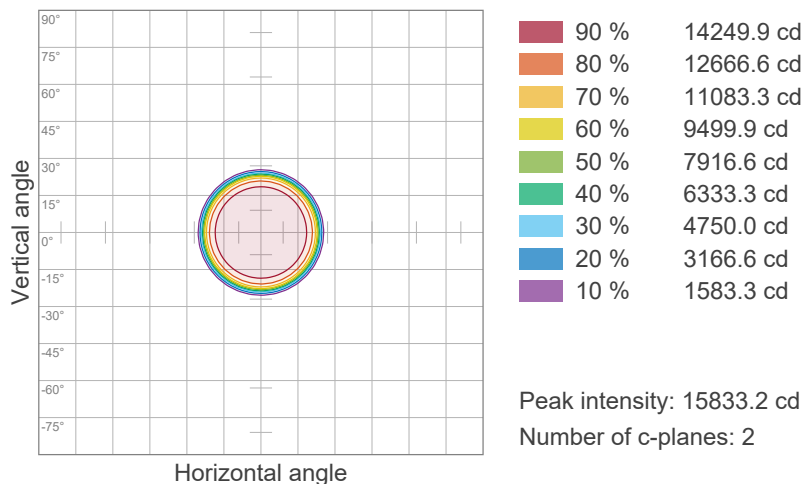
Photometric & Chromaticity Report

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

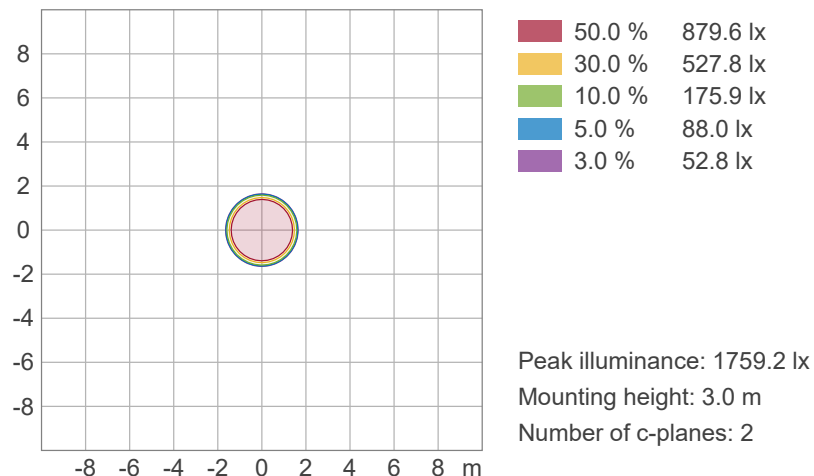


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

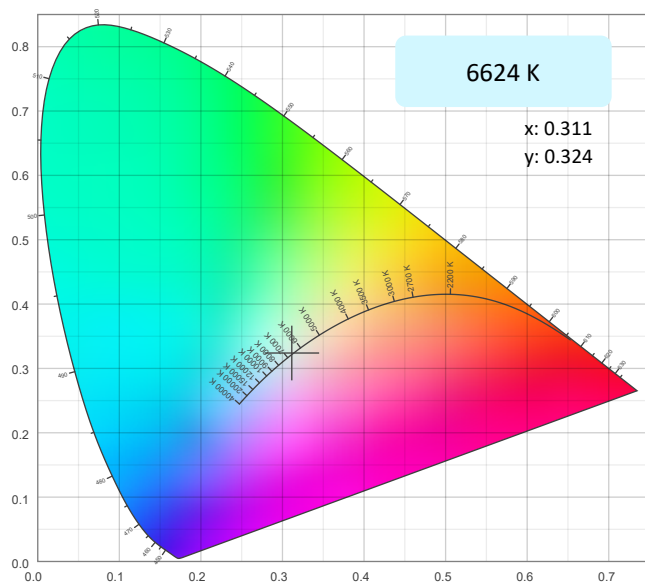


Photometric & Chromaticity Report

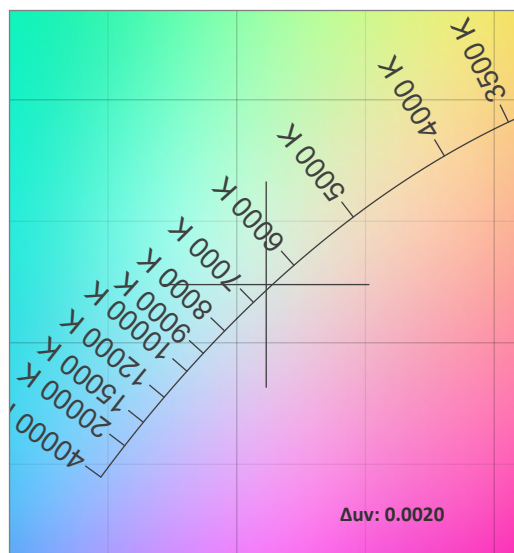
Maverick Force X Profile: Full Spot-Full Power - TV35-Stable

Chromaticity

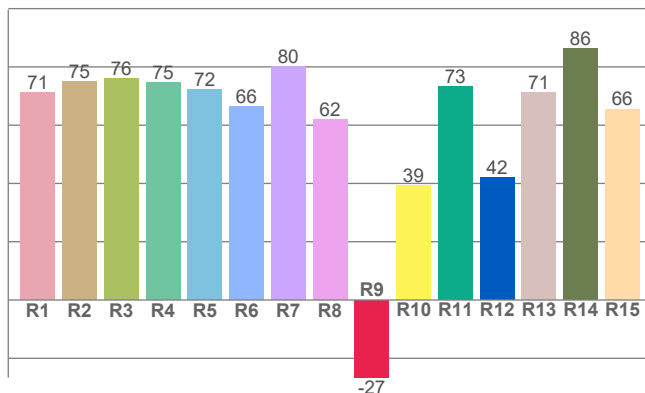
CIE 1931



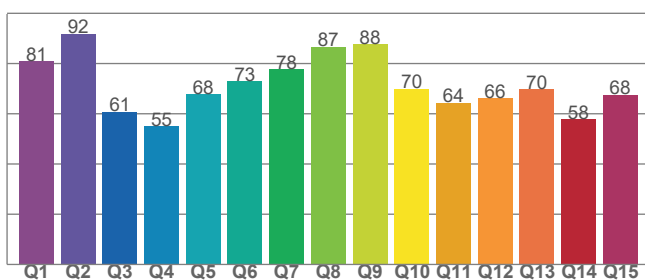
CIE 1931 - Zoom



CRI: 72.2 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6624 K	0.311	0.324

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0020	0.324	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.2	-26.6	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
50	72.1	94.3

Photometric & Chromaticity Report

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

TM-30 Details

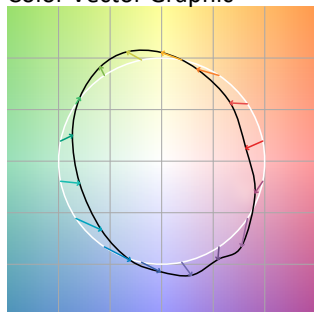
Rf 72.1

Fidelity Index
(Rg)

Rg 94.3

Gammut Index (Rg)

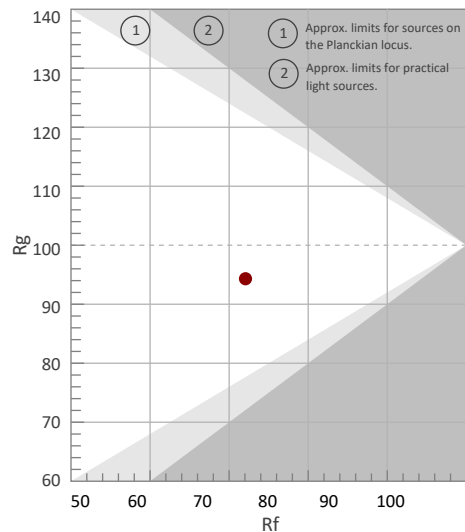
Color Vector Graphic



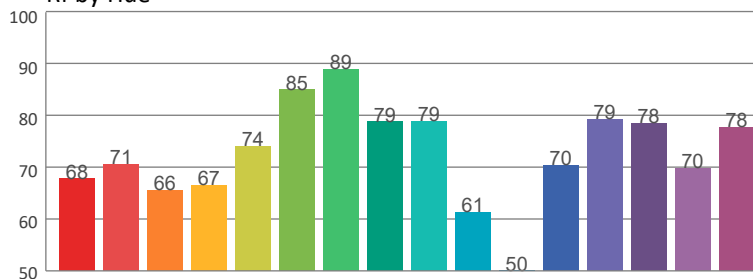
Color Distortion Graphic



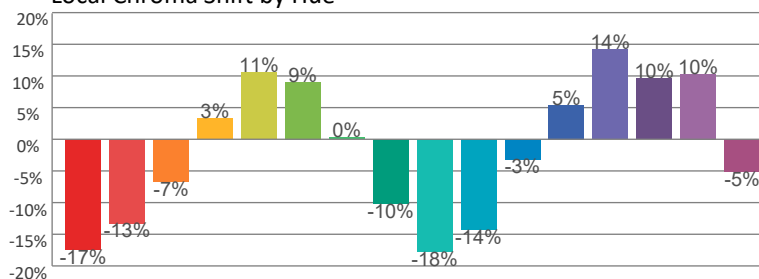
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	68	-17%	-4%
2	71	-13%	10%
3	66	-7%	21%
4	67	3%	21%
5	74	11%	12%
6	85	9%	-1%
7	89	0%	-7%
8	79	-10%	-8%
9	79	-18%	5%
10	61	-14%	23%
11	50	-3%	28%
12	70	5%	19%
13	79	14%	7%
14	78	10%	-8%
15	70	10%	-25%
16	78	-5%	-12%



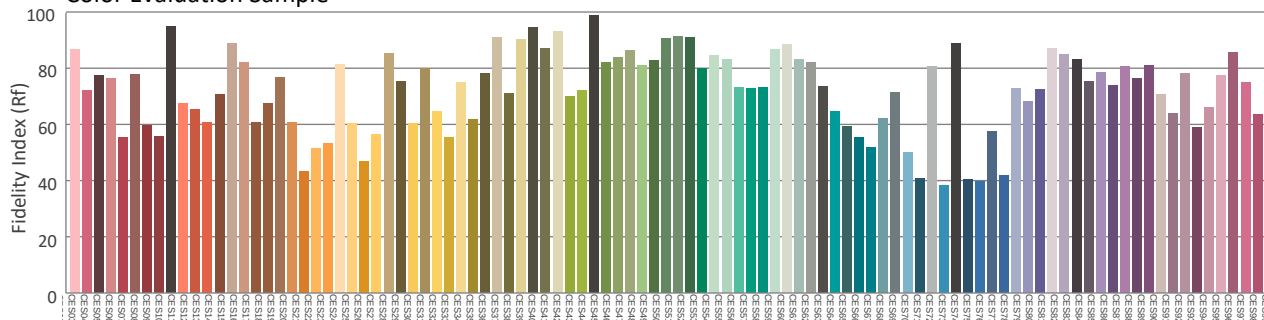
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 12799 lm
Fixture Peak: 177332 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 7089 lux
Color Temperature: 5648 K
CRI: 91.9 CRI R9 Value: 47.9
CQS: 90.0
TLCI: 78
TM-30 Rf: 89.2
TM-30 Rg: 104.6
Beam Angle (50%): 18.1°
Field Angle (10%): 18.9°
Cutoff Angle (3%): 19.6°

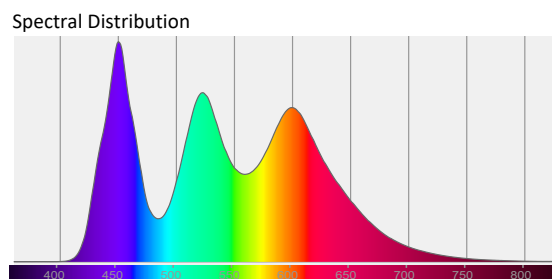
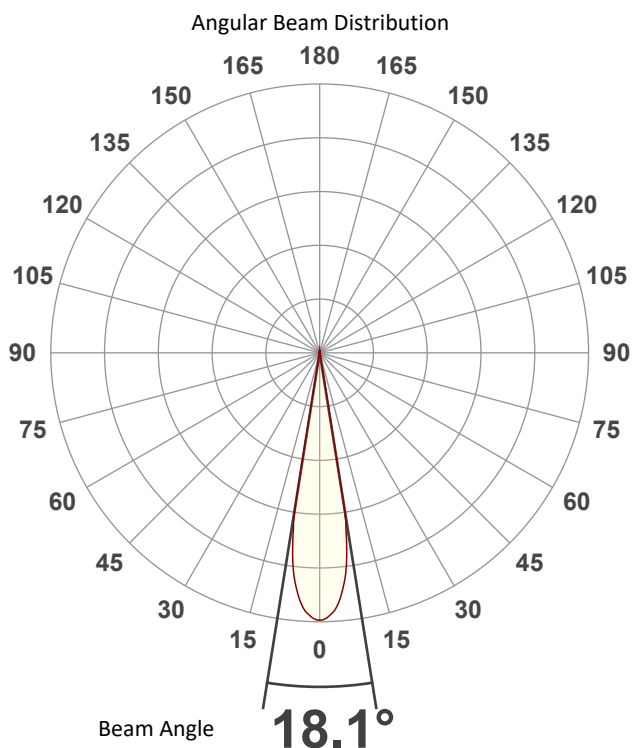
Conditions

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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/3/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.329

Y: 0.330



Light Quality

CRI: 91.9

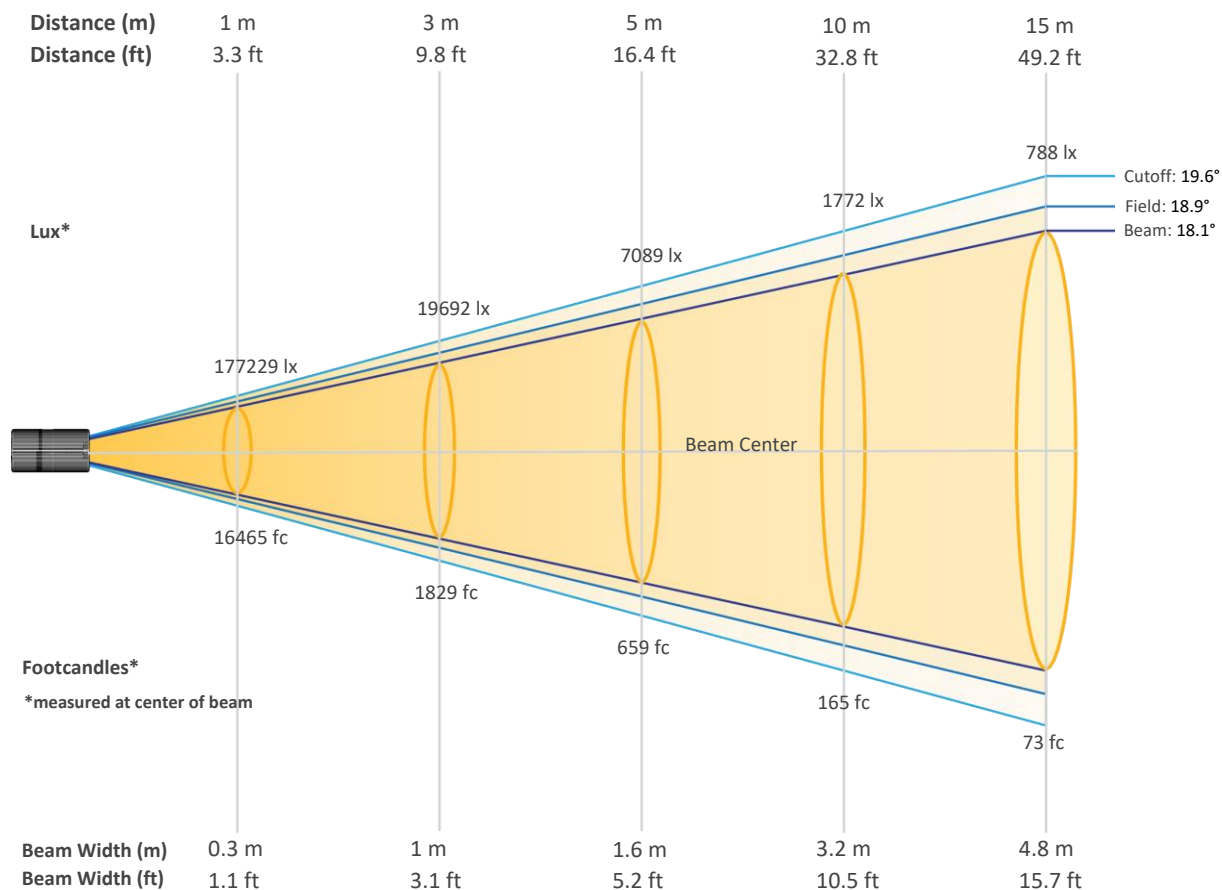
Color Temperature

5648 K

Photometric & Chromaticity Report

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

Beam Details

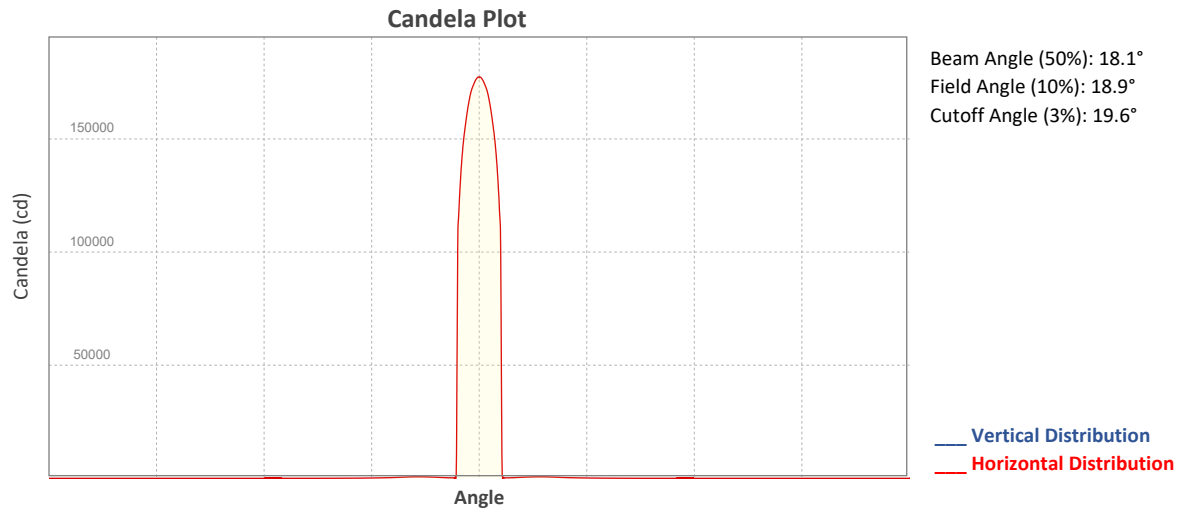


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	177229	44307	19692	11077	7089	4923	3617	2769	2188	1772
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1465	1231	1049	904	788	692	613	547	491	443
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16465	4116	1829	1029	659	457	336	257	203	165
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	136	114	97	84	73	64	57	51	46	41

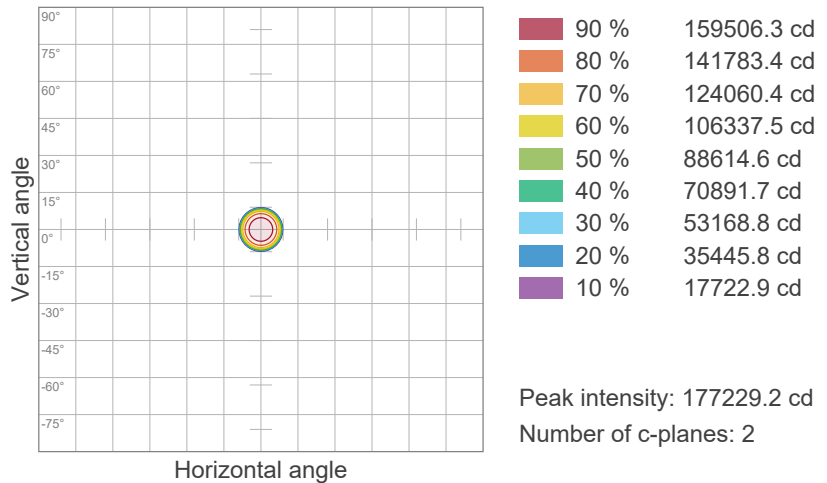
Photometric & Chromaticity Report

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

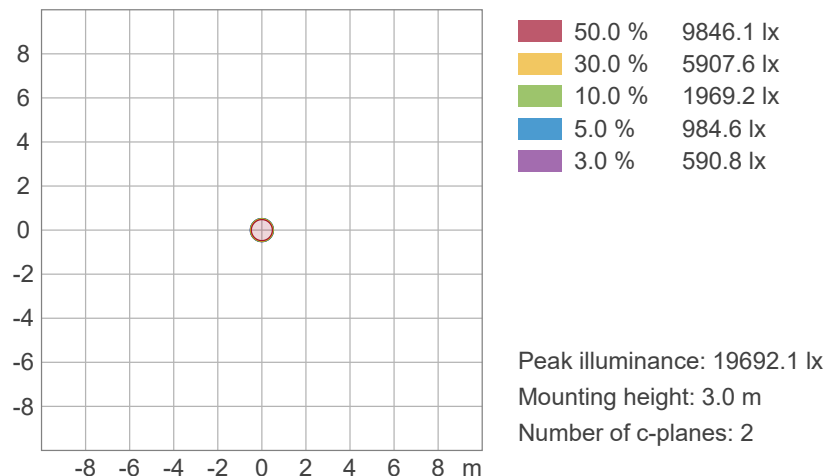


ISO Diagrams

ISO Candela Diagram



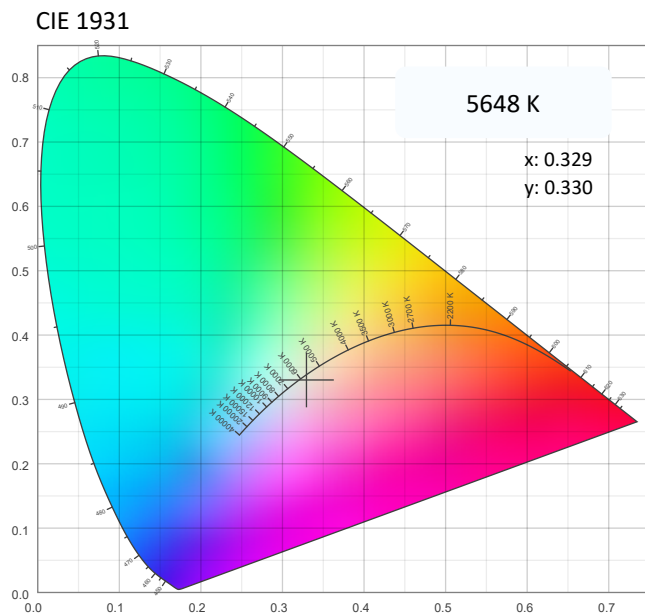
ISO Lux Diagram



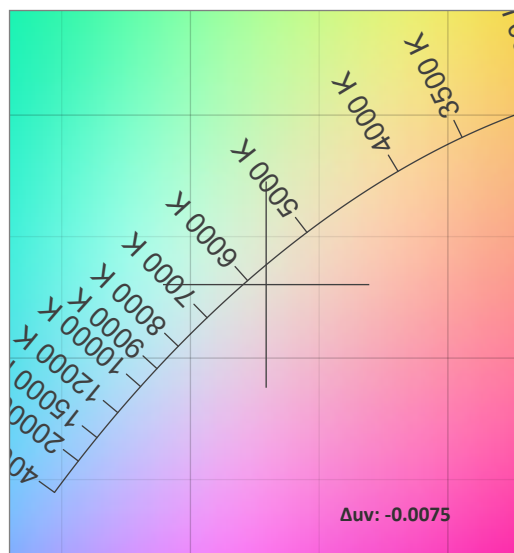
Photometric & Chromaticity Report

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

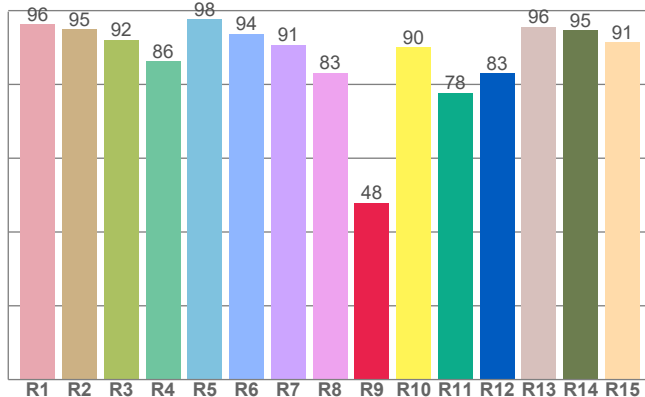
Chromaticity



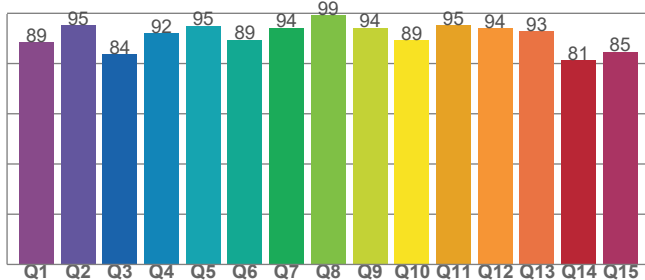
CIE 1931 - Zoom



CRI: 91.9 (R1-R8)



CQS: 90.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5648 K	0.329	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0075	0.330	0.209

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.9	47.9	90.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
78	89.2	104.6

Photometric & Chromaticity Report

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

TM-30 Details

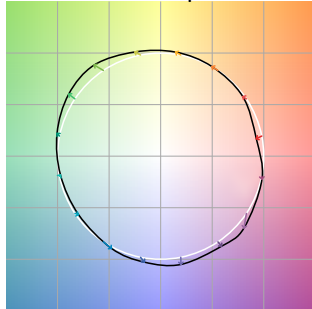
Rf 89.2

Fidelity Index
(Rg)

Rg 104.6

Gamut Index (Rg)

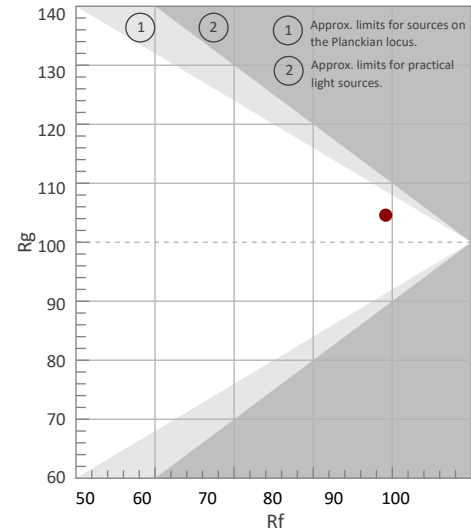
Color Vector Graphic



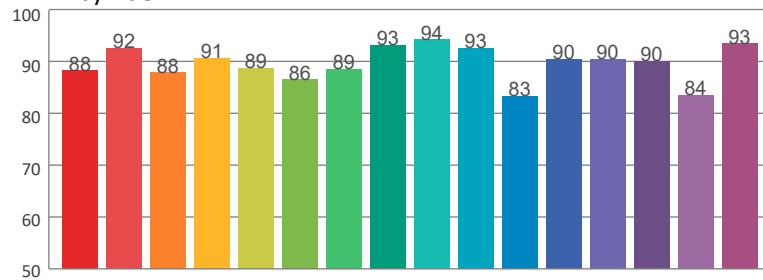
Color Distortion Graphic



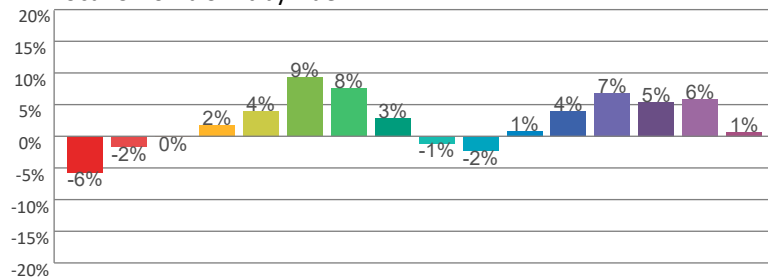
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	88	-6%	-1%
2	92	-2%	4%
3	88	0%	7%
4	91	2%	6%
5	89	4%	5%
6	86	9%	5%
7	89	8%	0%
8	93	3%	-2%
9	94	-1%	-1%
10	93	-2%	3%
11	83	1%	10%
12	90	4%	4%
13	90	7%	-1%
14	90	5%	1%
15	84	6%	-13%
16	93	1%	-3%



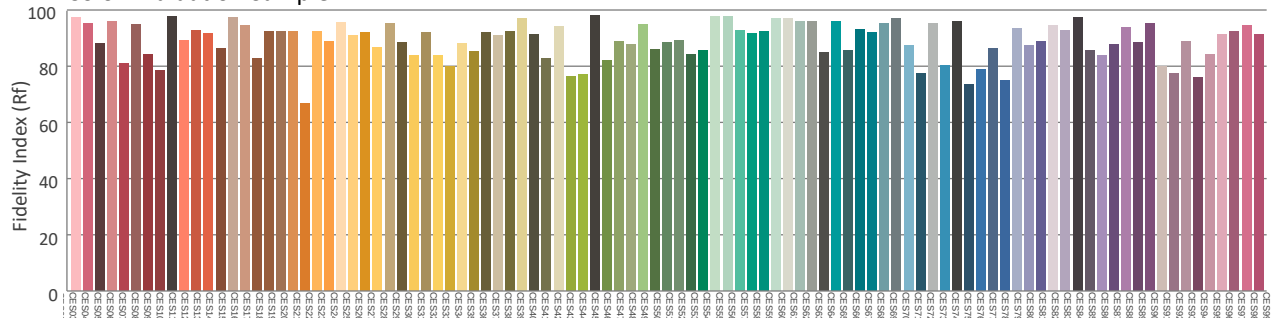
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

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

Report Summary

Measurements

Fixture Output: 14721 lm
Fixture Peak: 204277 cd
Fixture Efficacy: n/a lm/W
Intensity @ 5m: 8171 lux
Color Temperature: 8200 K
CRI: 75.7 CRI R9 Value: -6.2
CQS: 74.1
TLCI: 57
TM-30 Rf: 75.2
TM-30 Rg: 95.2
Beam Angle (50%): 18°
Field Angle (10%): 19.1°
Cutoff Angle (3%): 19.6°

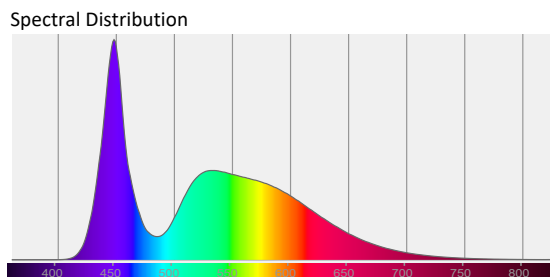
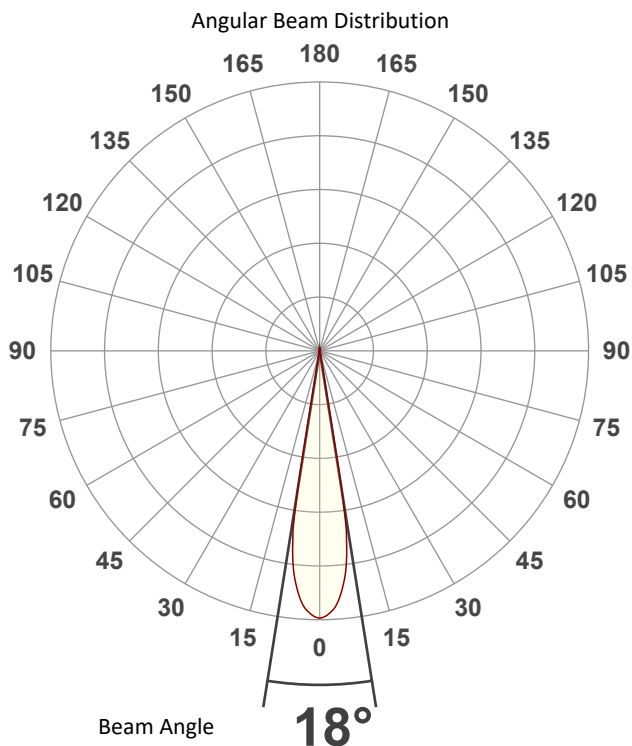


Conditions

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 6/3/2025 to LM-63-2002 Standards.

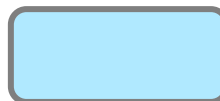
Overall Measurement



Tested Color (CIE 1931):

X: 0.292

Y: 0.306



Light Quality

CRI: 75.7

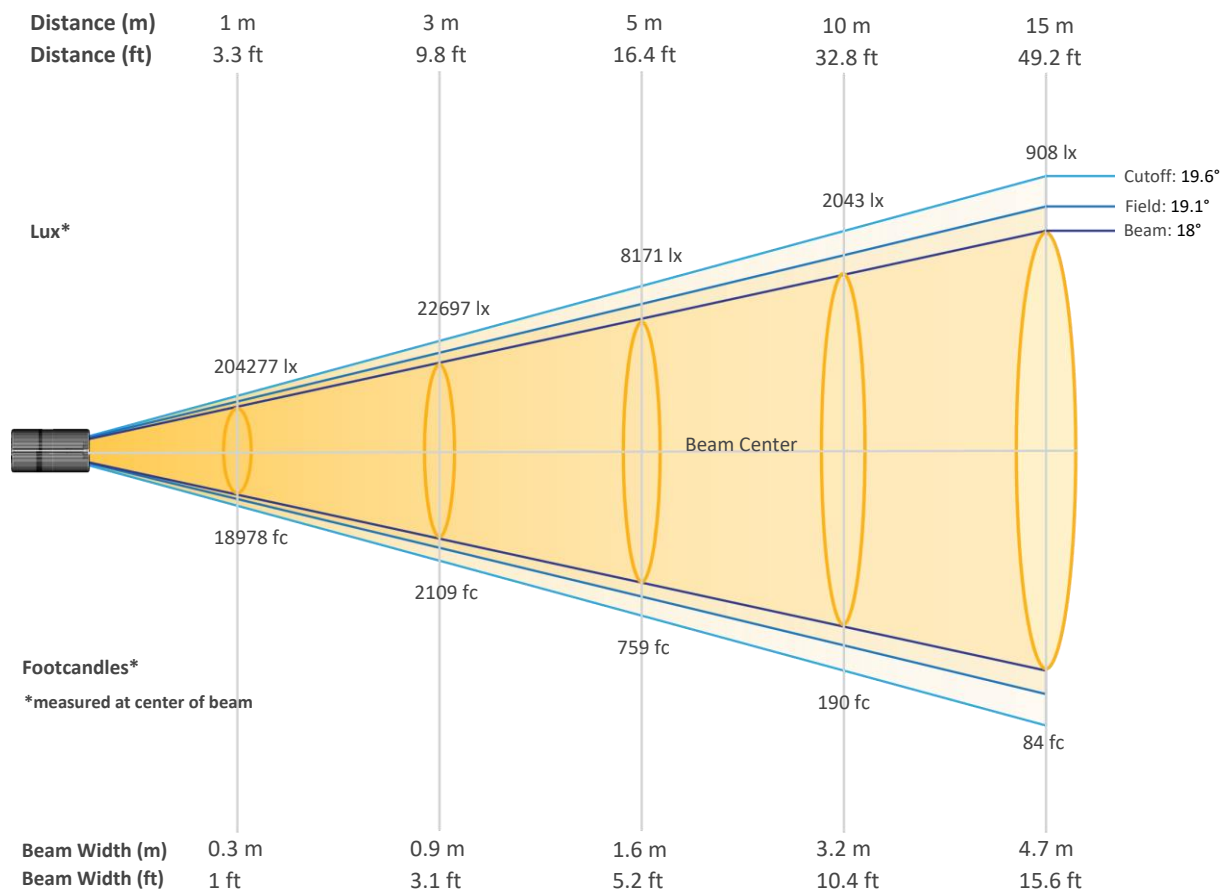
Color Temperature

8200 K

Photometric & Chromaticity Report

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

Beam Details

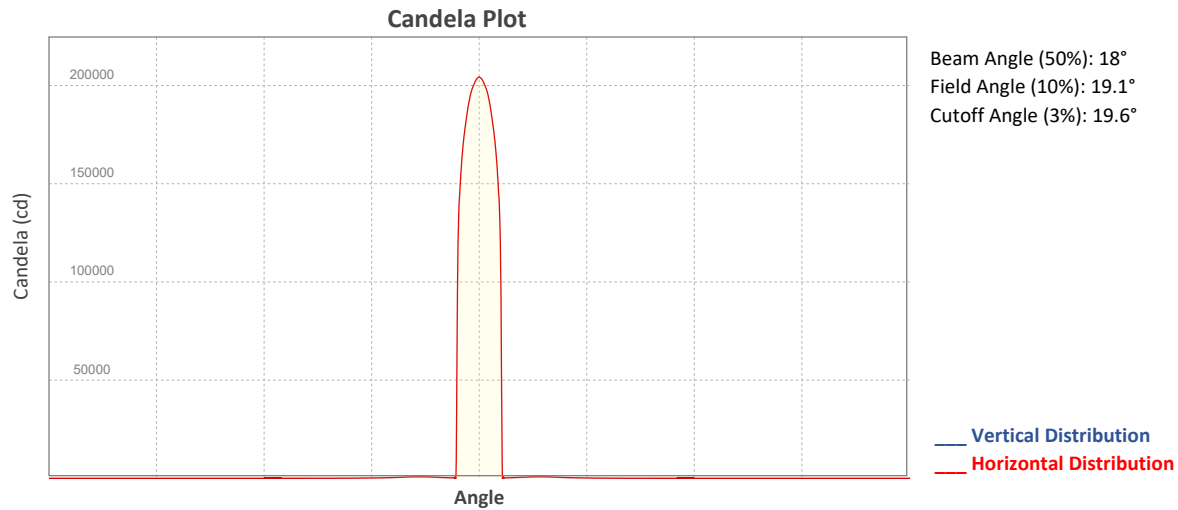


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	204277	51069	22697	12767	8171	5674	4169	3192	2522	2043
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1688	1419	1209	1042	908	798	707	630	566	511
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	18978	4744	2109	1186	759	527	387	297	234	190
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	157	132	112	97	84	74	66	59	53	47

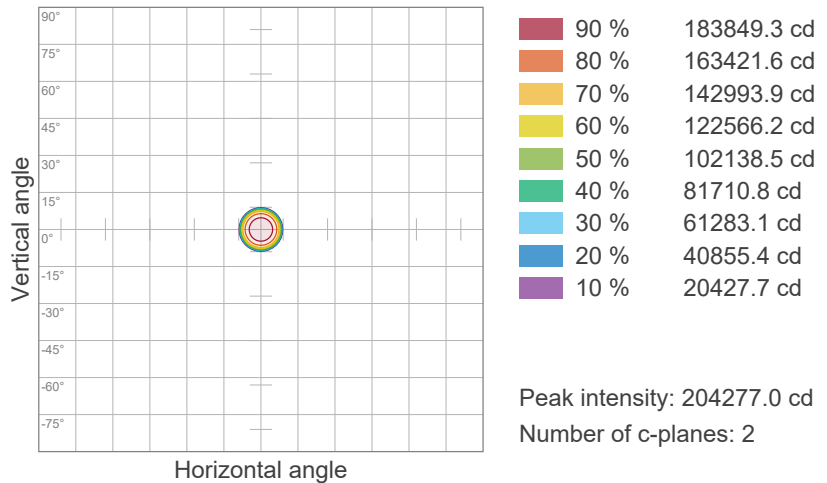
Photometric & Chromaticity Report

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

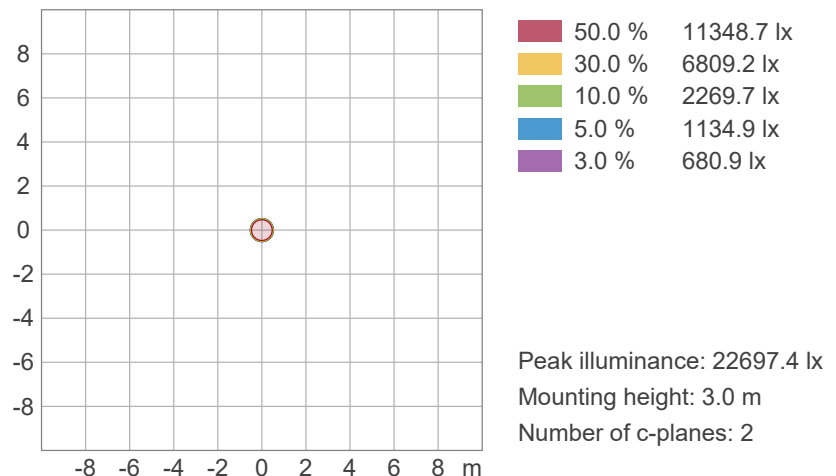


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

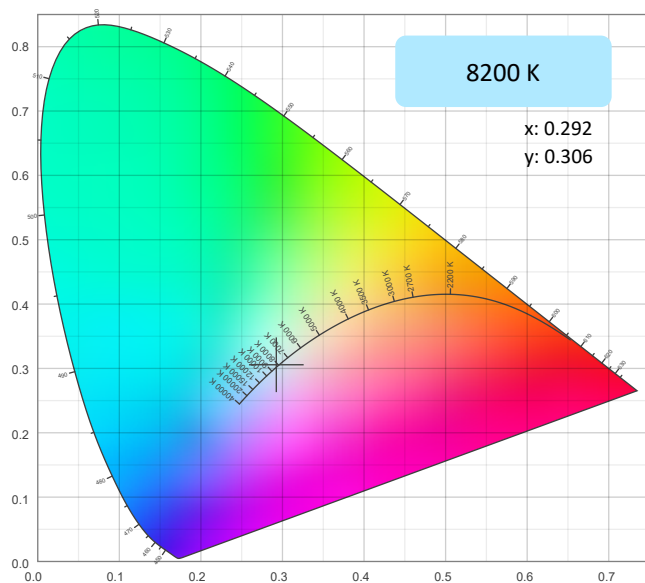


Photometric & Chromaticity Report

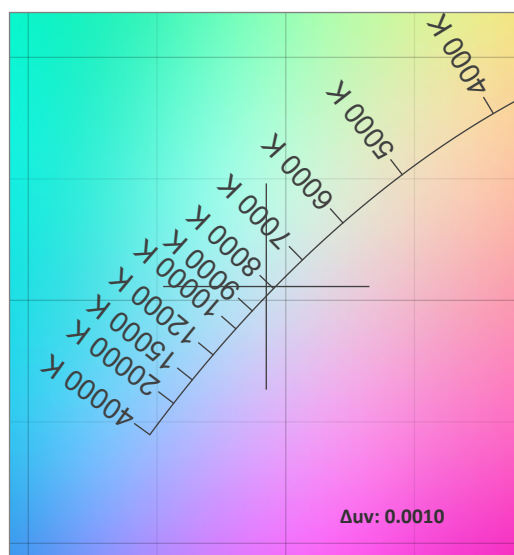
Maverick Force X Profile: 50% Zoom-Full Power - CTB

Chromaticity

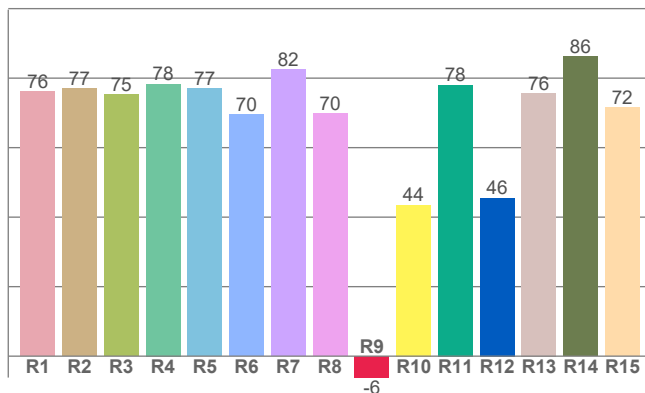
CIE 1931



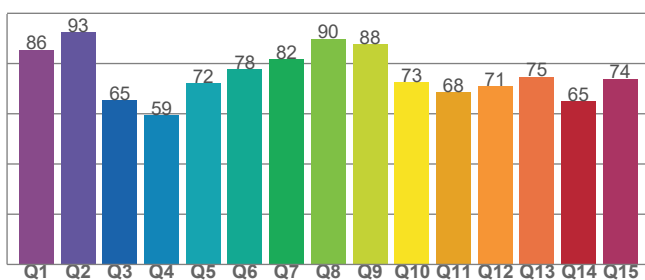
CIE 1931 - Zoom



CRI: 75.7 (R1-R8)



CQS: 74.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8200 K	0.292	0.306

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0010	0.306	0.192

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.7	-6.2	74.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
57	75.2	95.2

Photometric & Chromaticity Report

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

TM-30 Details

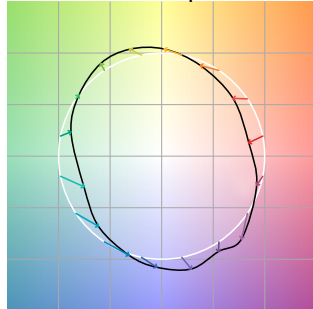
Rf 75.2

Fidelity Index
(Rg)

Rg 95.2

Gammut Index (Rg)

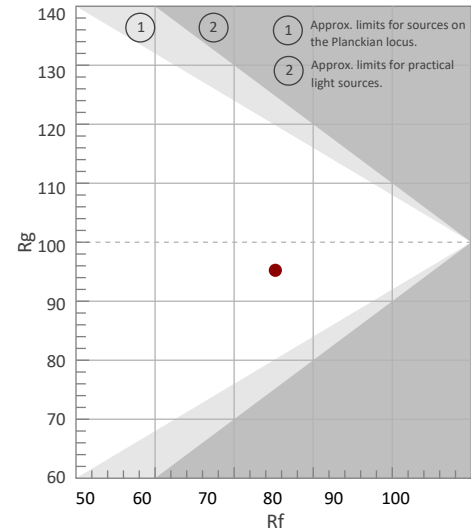
Color Vector Graphic



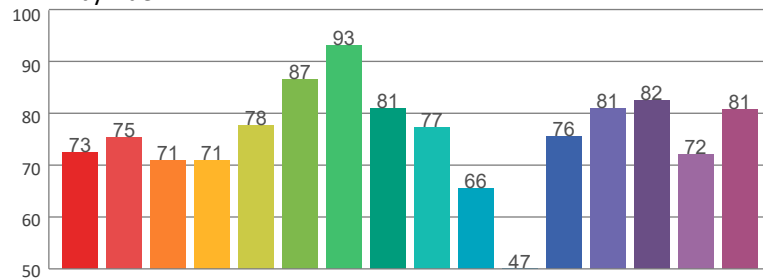
Color Distortion Graphic



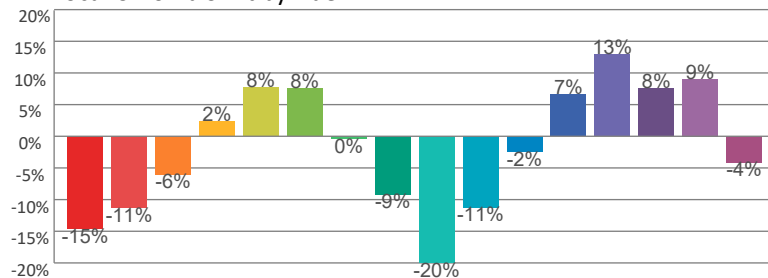
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	73	-15%	-4%
2	75	-11%	8%
3	71	-6%	18%
4	71	2%	18%
5	78	8%	10%
6	87	8%	-1%
7	93	0%	-5%
8	81	-9%	-6%
9	77	-20%	14%
10	66	-11%	22%
11	47	-2%	27%
12	76	7%	16%
13	81	13%	7%
14	82	8%	-6%
15	72	9%	-24%
16	81	-4%	-10%



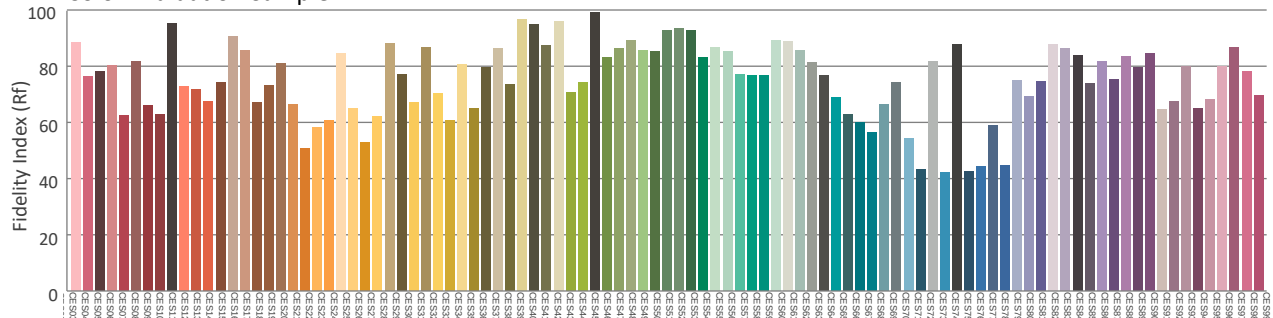
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd., Suite 509 Davie, FL 33314 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Benelux	
Address: Vaartlaan 9 9800 Deinze Belgium Voice: +32 9 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet France	
Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvet.com.mx Website: www.chauvetprofessional.mx

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