

ROGUE

OUTCAST
1M BEAM

PHOTOMETRICS REPORT



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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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



Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Calibration Off

Report Summary

Measurements

Fixture Output: 4488 lm
Fixture Peak: 2942262 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 117690 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 1.9°
Field Angle (10%): 2.7°
Cutoff Angle (3%): 3.4°

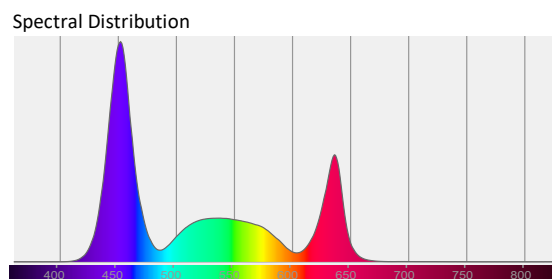
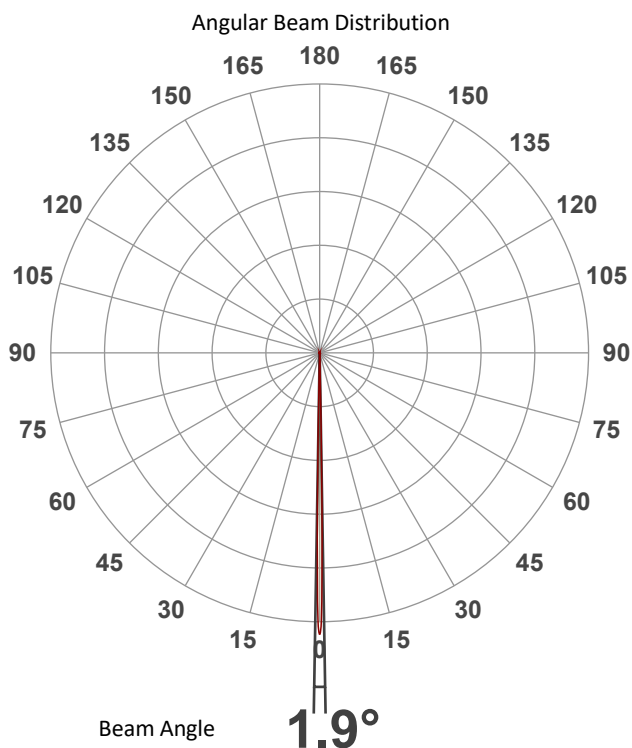
Conditions

AC Supply: 116 V, 60 Hz
Power: 170.71 W
Current: 1.48 A
Power Factor: 0.99



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.254

Y: 0.210

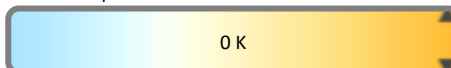


Light Quality

CRI: 0.0

Color Temperature

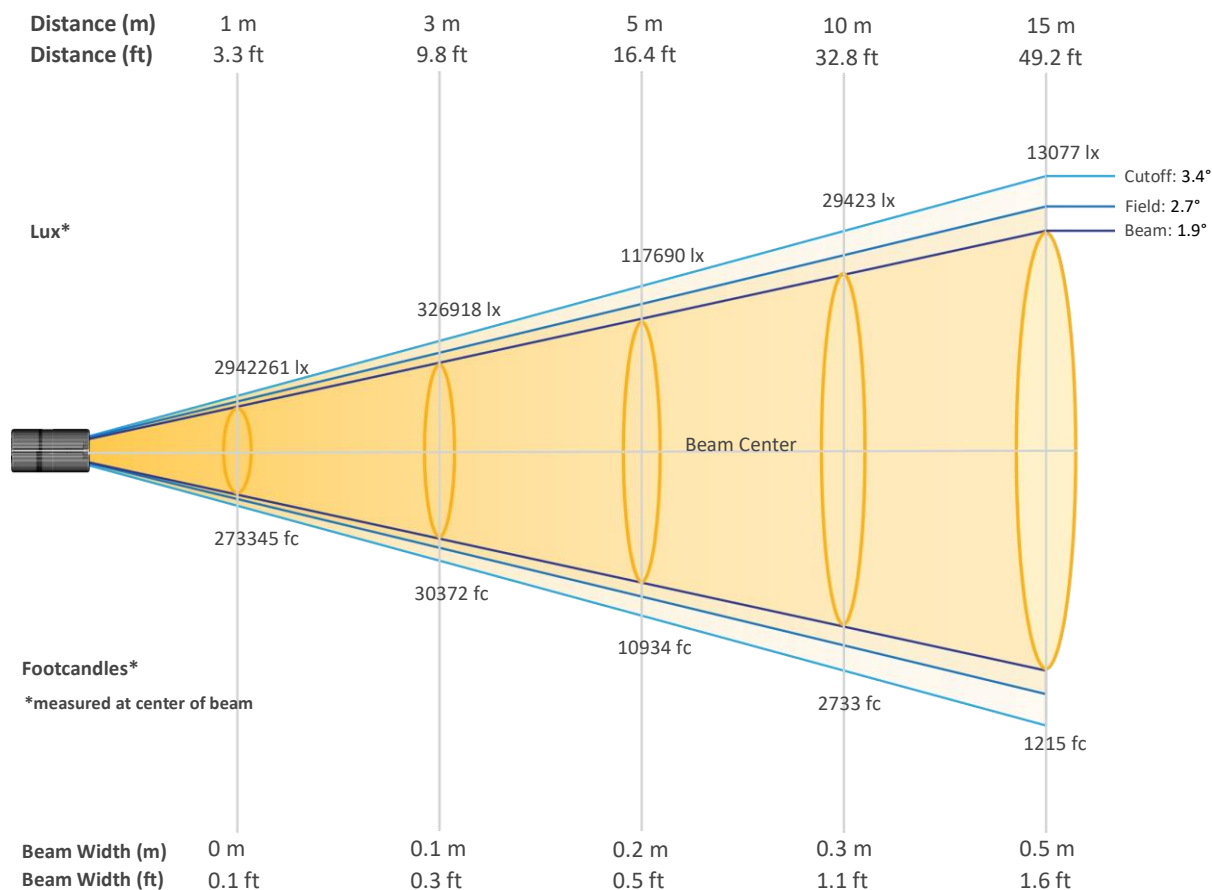
0 K



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Calibration Off

Beam Details

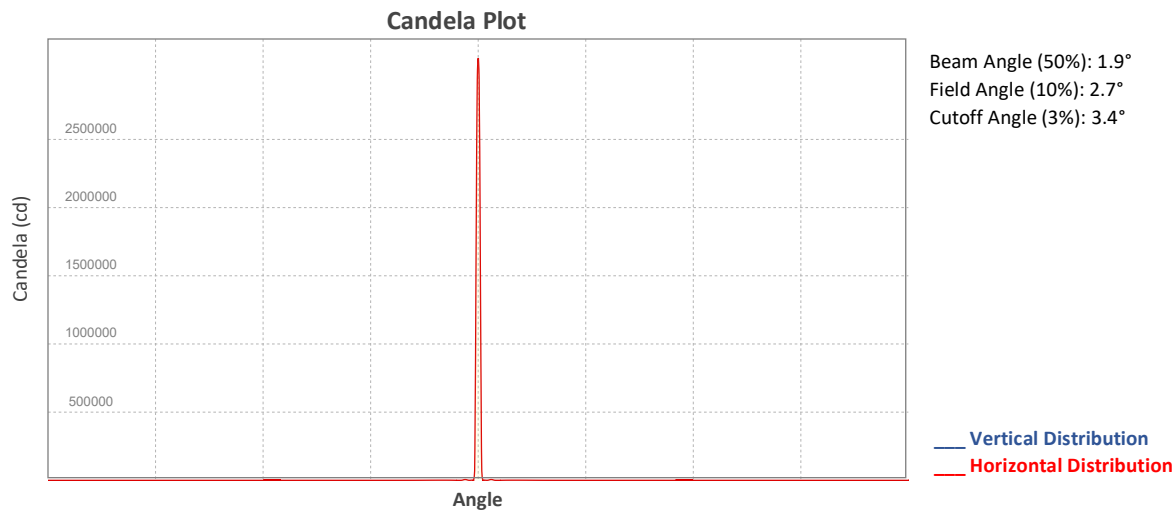


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2942261	735565	326918	183891	117690	81729	60046	45973	36324	29423
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	24316	20432	17410	15012	13077	11493	10181	9081	8150	7356
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	273345	68336	30372	17084	10934	7593	5578	4271	3375	2733
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2259	1898	1617	1395	1215	1068	946	844	757	683

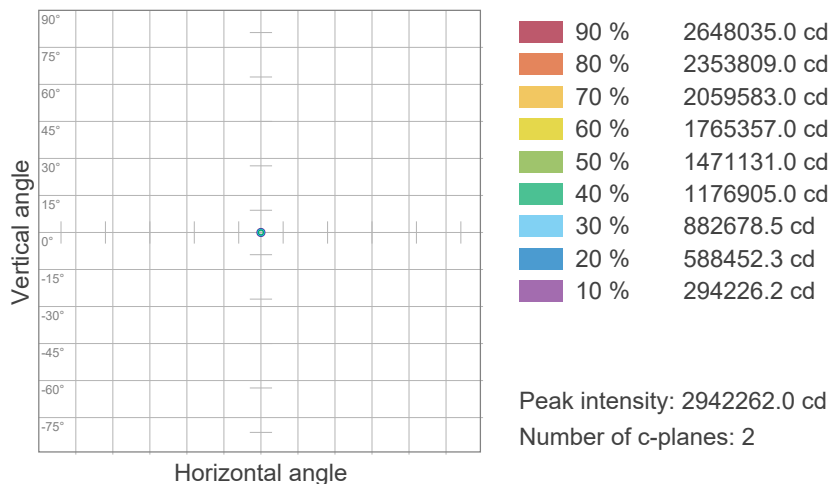
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Calibration Off

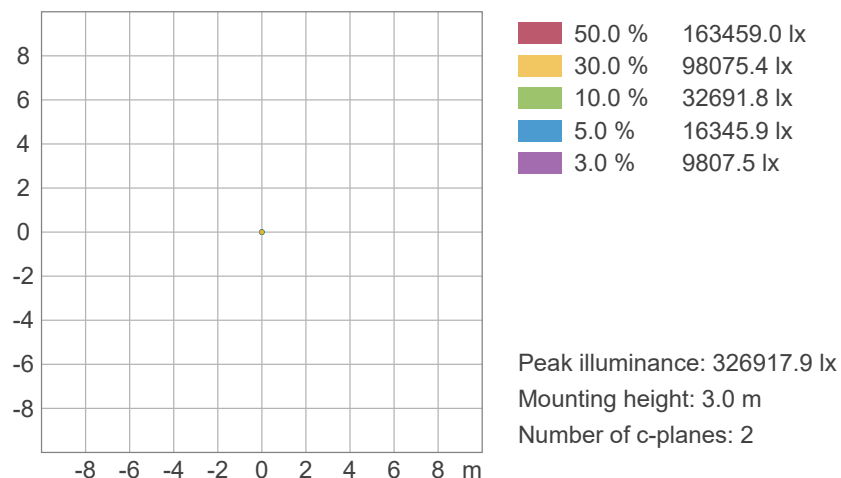


ISO Diagrams

ISO Candela Diagram



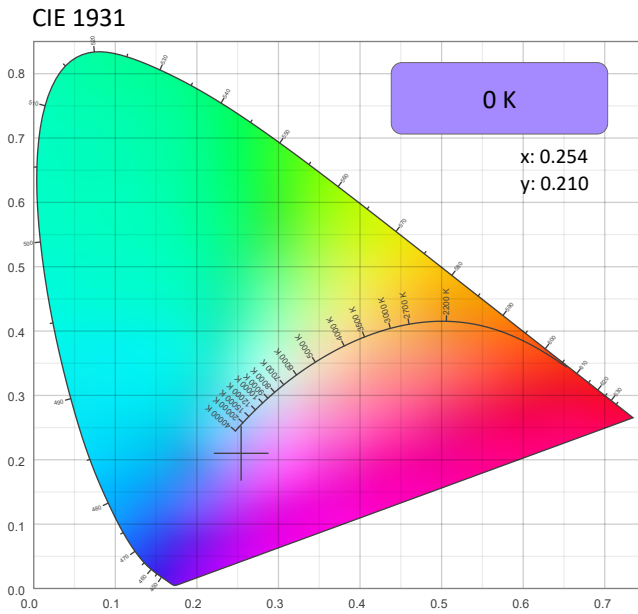
ISO Lux Diagram



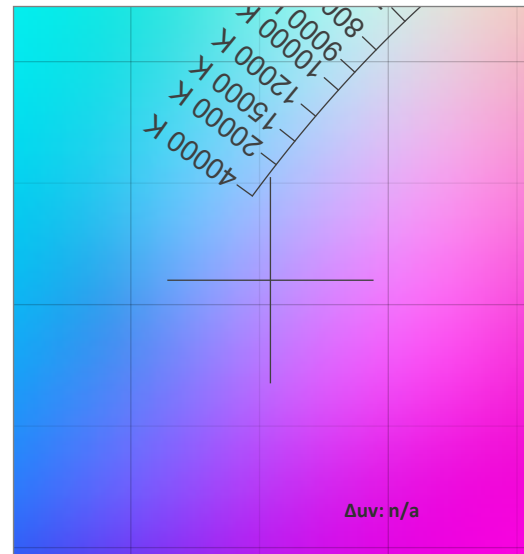
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Calibration Off

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.254	0.210

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.210	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Calibration Off

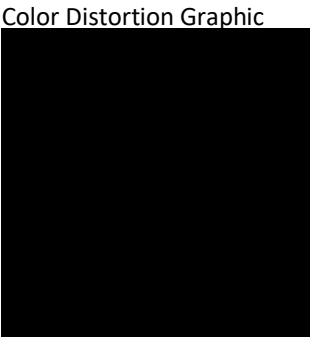
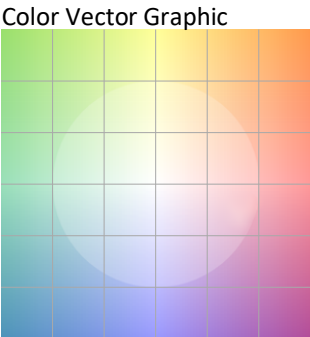
TM-30 Details

Rf 0.0

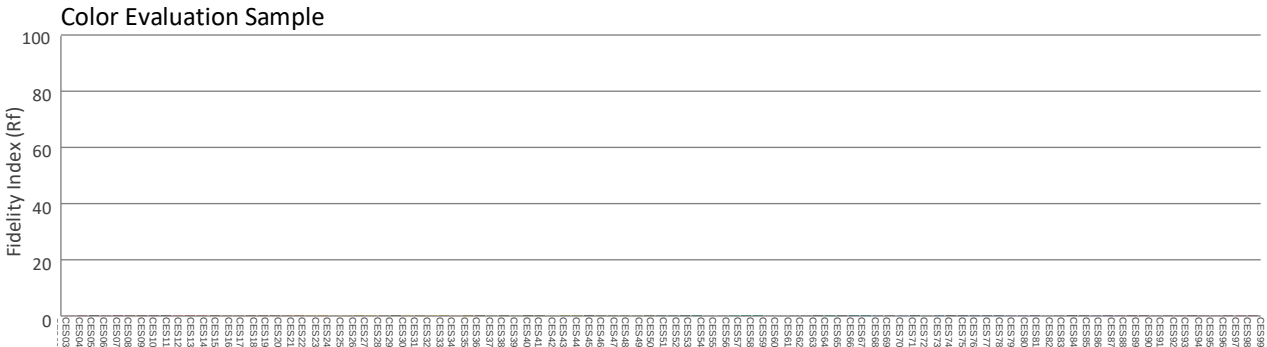
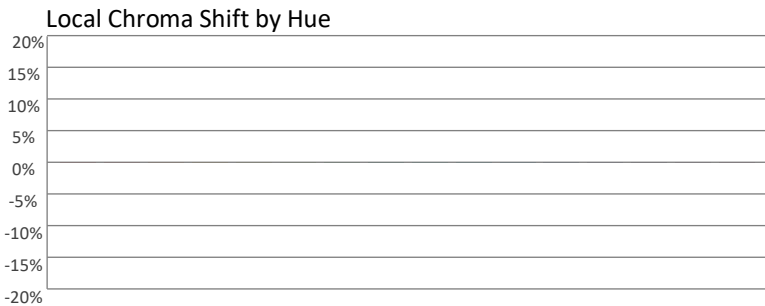
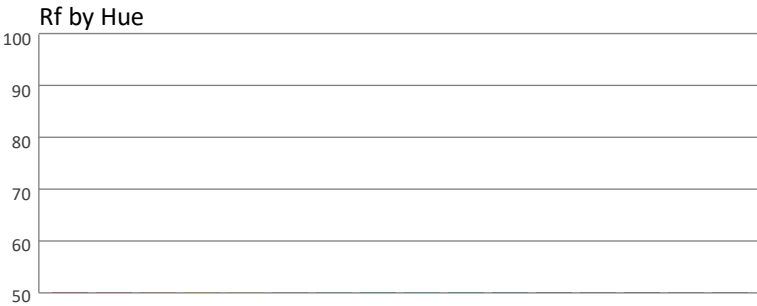
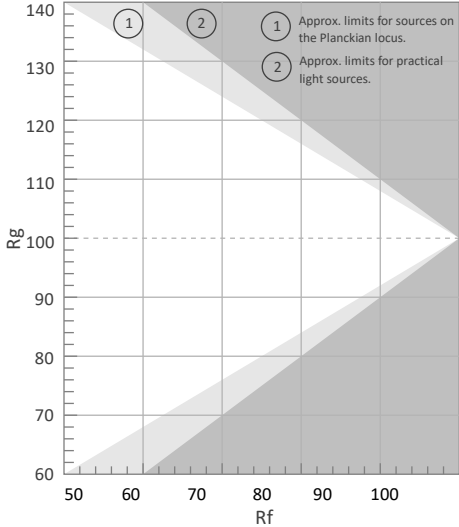
Fidelity Index (Rg)

Rg 0.0

Gammut Index (Rg)



		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power

Report Summary

Measurements

Fixture Output: 3637 lm

Fixture Peak: 2877659 cd

Fixture Efficacy: 25 lm/W

Intensity @ 5m: 115106 lux

Color Temperature: 10398 K

CRI: 80.8 CRI R9 Value: 28.8

CQS: 82.5

TLCI: 77

TM-30 Rf: 79.7

TM-30 Rg: 104.4

Beam Angle (50%): 1.8°

Field Angle (10%): 2.6°

Cutoff Angle (3%): 3.3°

Conditions

AC Supply: 116 V, 60 Hz

Power: 147.56 W

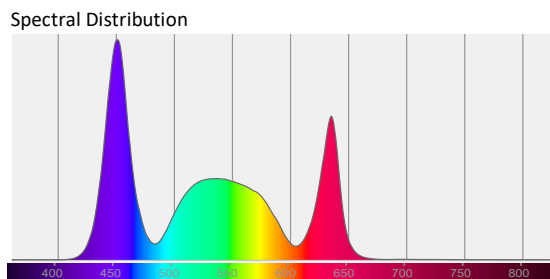
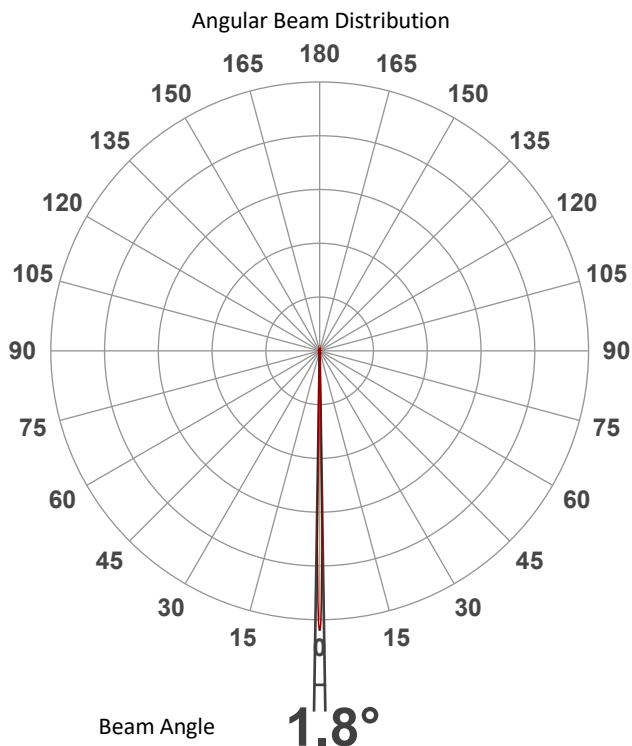
Current: 1.27 A

Power Factor: 0.99



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 6/3/2024 to LM-63-2002 Standards.

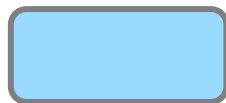
Overall Measurement



Tested Color (CIE 1931):

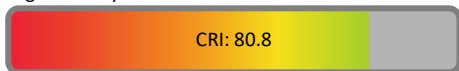
X: 0.278

Y: 0.286



Light Quality

CRI: 80.8



Color Temperature

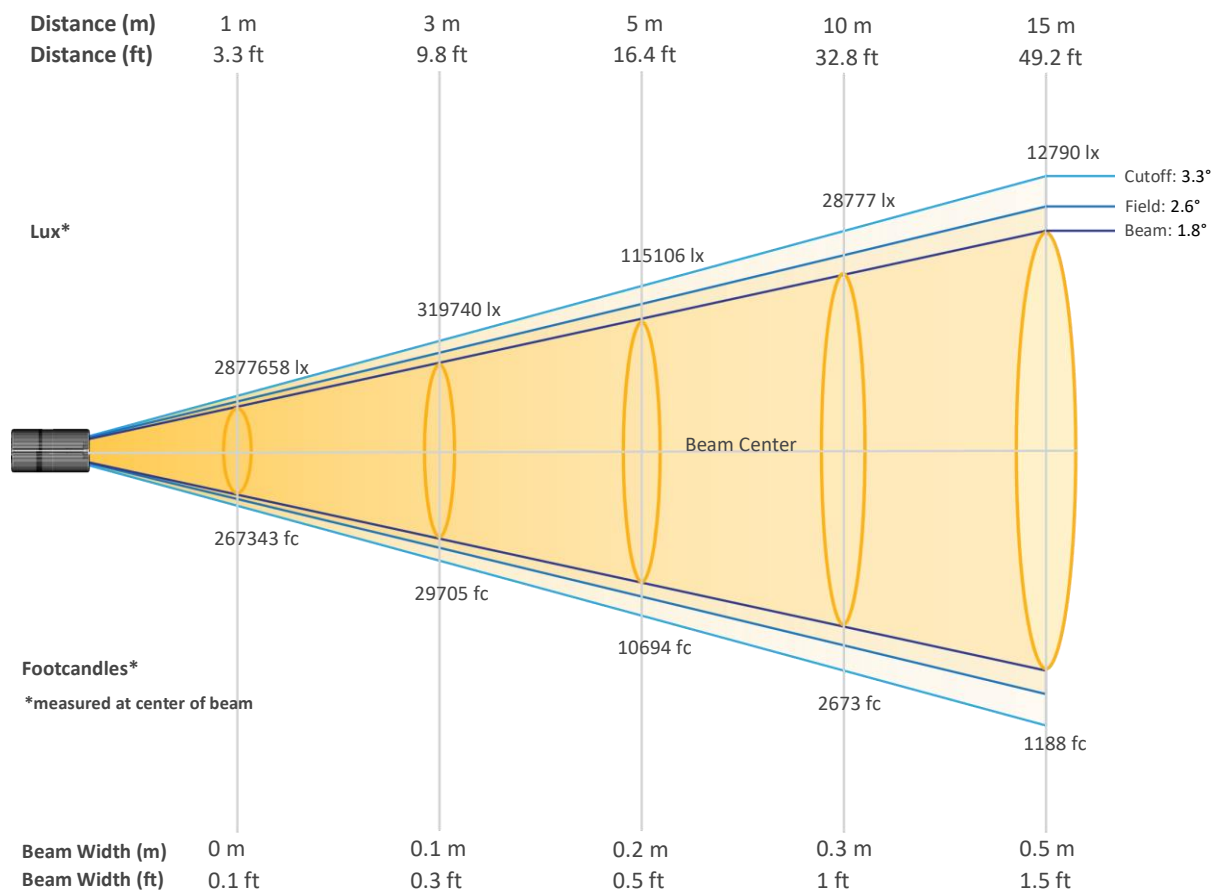
10398 K



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power

Beam Details

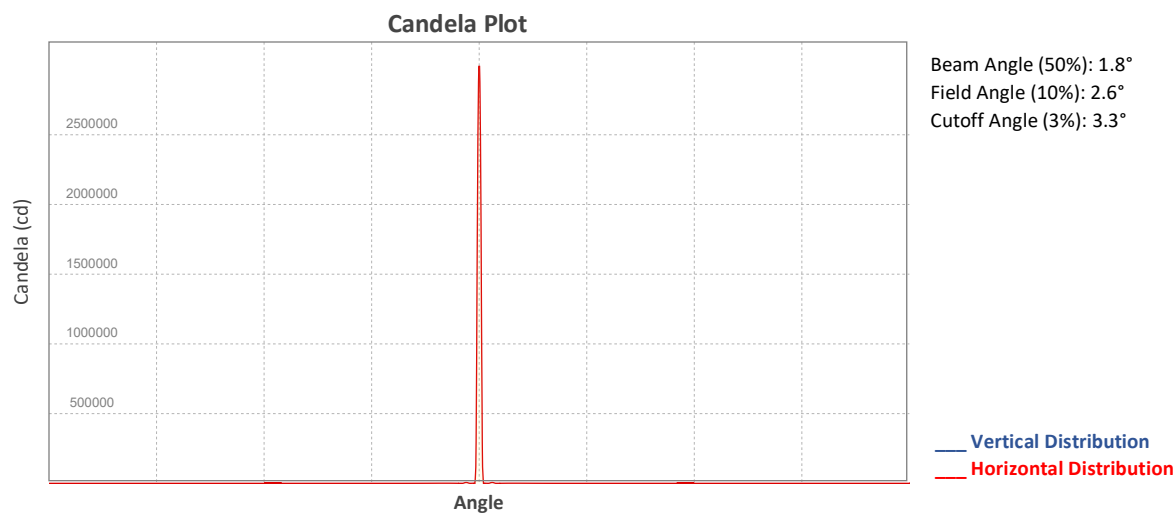


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2877658	719415	319740	179854	115106	79935	58728	44963	35527	28777
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	23782	19984	17028	14682	12790	11241	9957	8882	7971	7194
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	267343	66836	29705	16709	10694	7426	5456	4177	3301	2673
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2209	1857	1582	1364	1188	1044	925	825	741	668

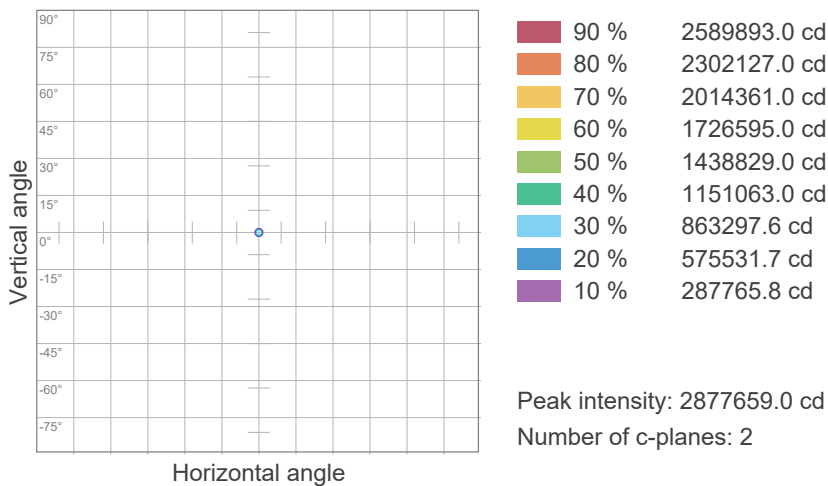
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power

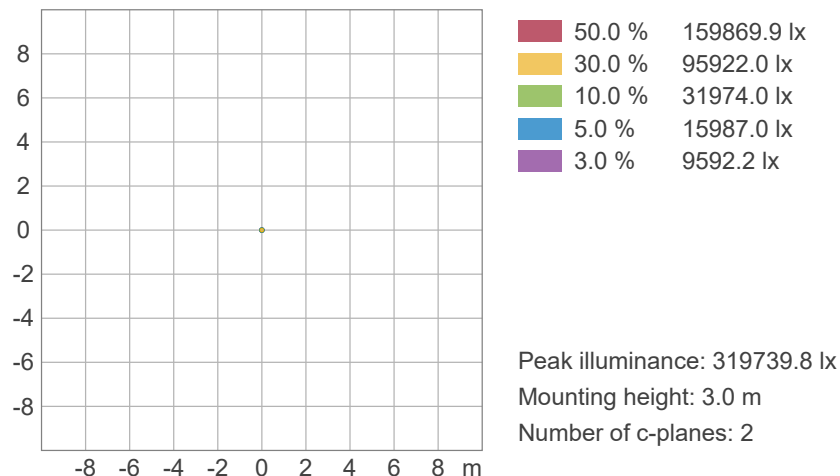


ISO Diagrams

ISO Candela Diagram



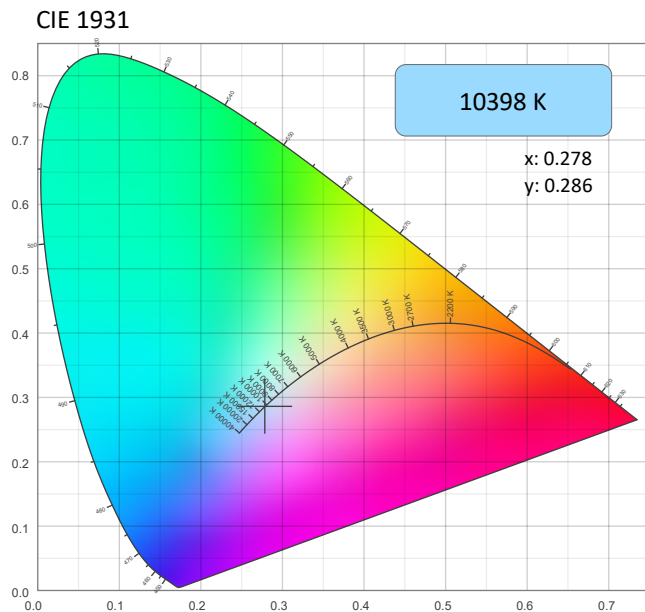
ISO Lux Diagram



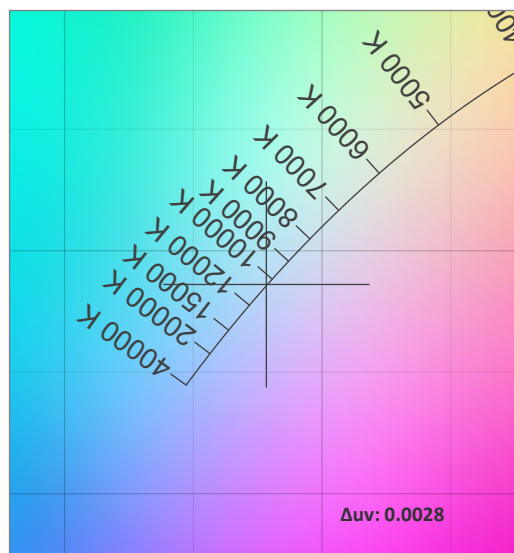
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power

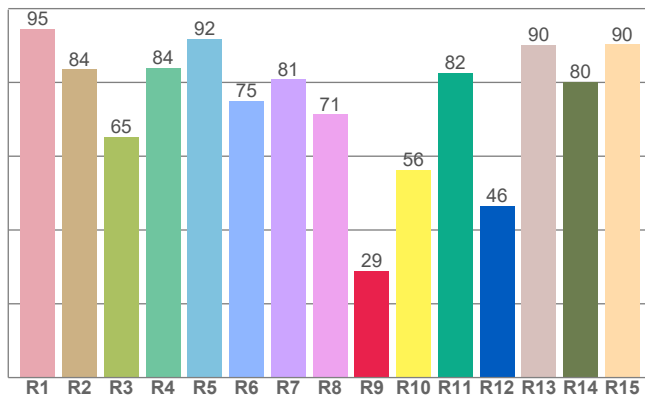
Chromaticity



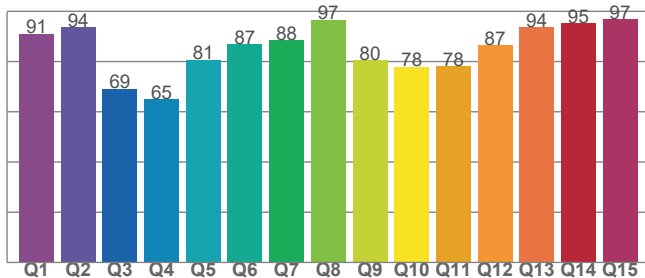
CIE 1931 - Zoom



CRI: 80.8 (R1-R8)



CQS: 82.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
10398 K	0.278	0.286

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0028	0.286	0.189

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.8	28.8	82.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	79.7	104.4

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power

TM-30 Details

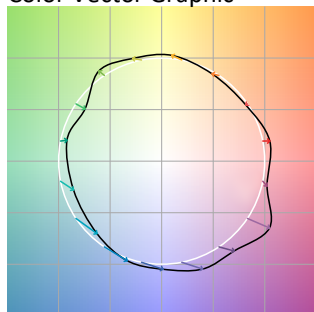
Rf 79.7

Fidelity Index
(Rg)

Rg 104.4

Gamut Index (Rg)

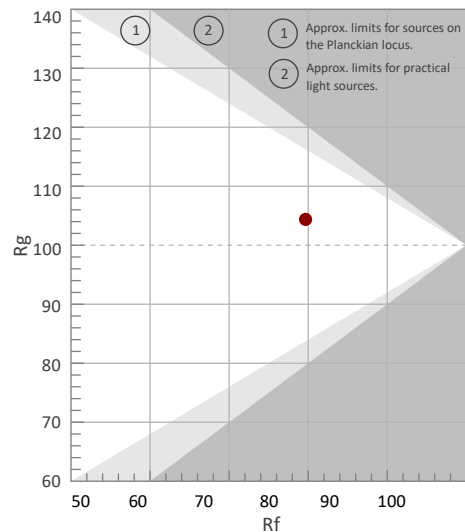
Color Vector Graphic



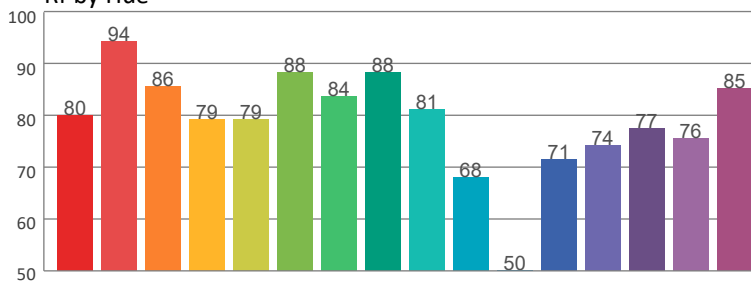
Color Distortion Graphic



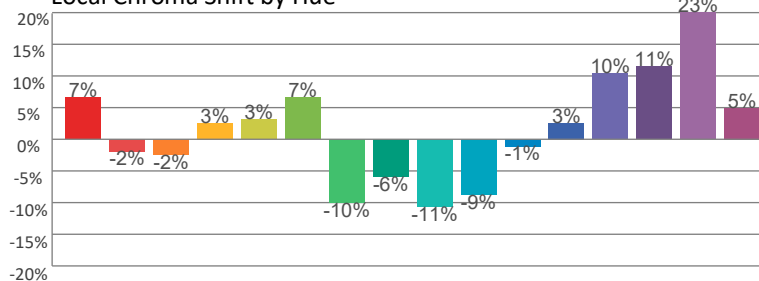
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	80	7%	-1%
2	94	-2%	0%
3	86	-2%	6%
4	79	3%	10%
5	79	3%	8%
6	88	7%	2%
7	84	-10%	-1%
8	88	-6%	-2%
9	81	-11%	11%
10	68	-9%	24%
11	50	-1%	26%
12	71	3%	22%
13	74	10%	19%
14	77	11%	10%
15	76	23%	4%
16	85	5%	-4%



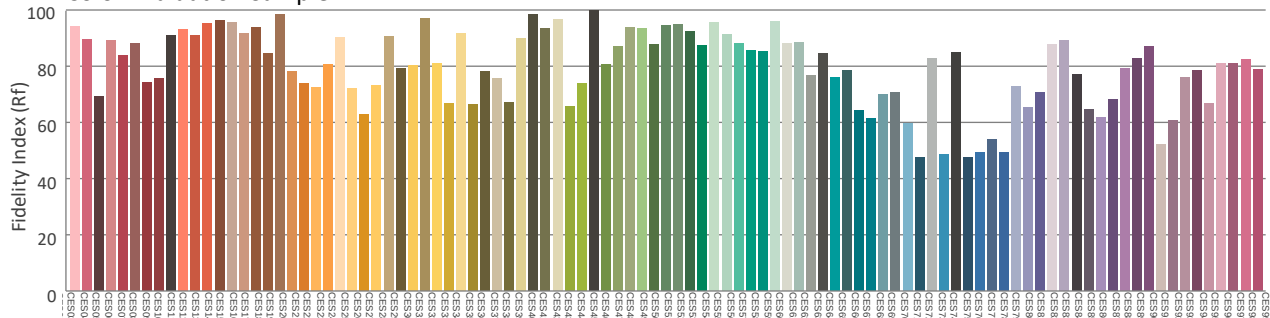
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Stable

Report Summary

Measurements

Fixture Output: 4524 lm

Fixture Peak: 2858281 cd

Fixture Efficacy: 31 lm/W

Intensity @ 5m: 114331 lux

Color Temperature: 10451 K

CRI: 80.8 CRI R9 Value: 31.6

CQS: 82.4

TLCI: 77

TM-30 Rf: 79.7

TM-30 Rg: 104.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.9°

Cutoff Angle (3%): 3.1°

Conditions

AC Supply: 116 V, 60 Hz

Power: 148.74 W

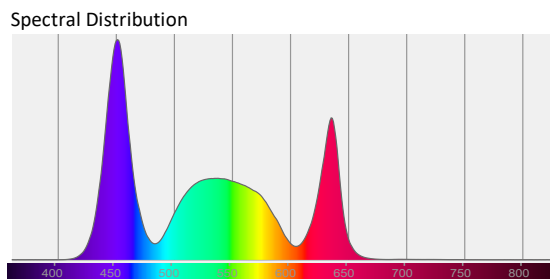
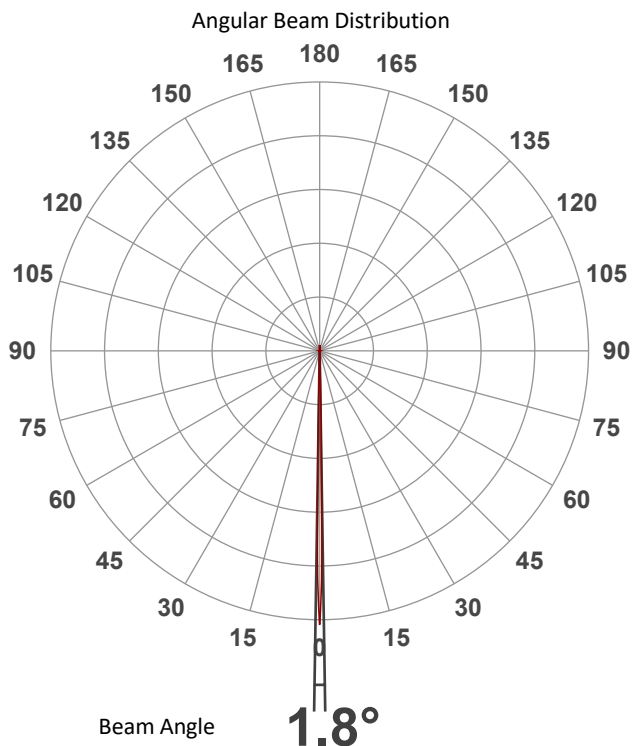
Current: 1.28 A

Power Factor: 0.99



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 6/3/2024 to LM-63-2002 Standards.

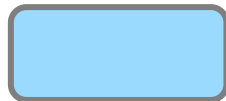
Overall Measurement



Tested Color (CIE 1931):

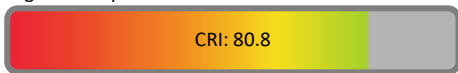
X: 0.278

Y: 0.286



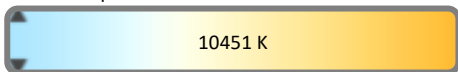
Light Quality

CRI: 80.8



Color Temperature

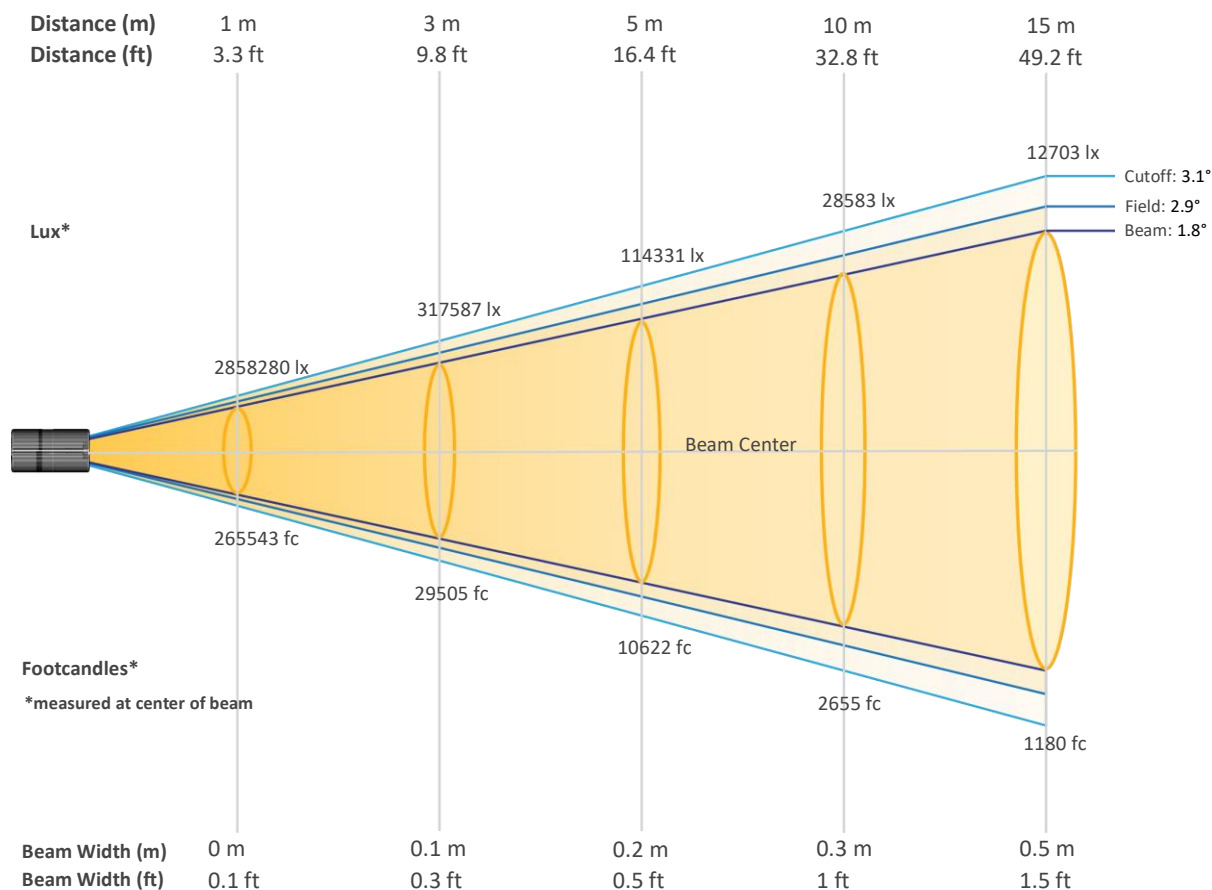
10451 K



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Stable

Beam Details

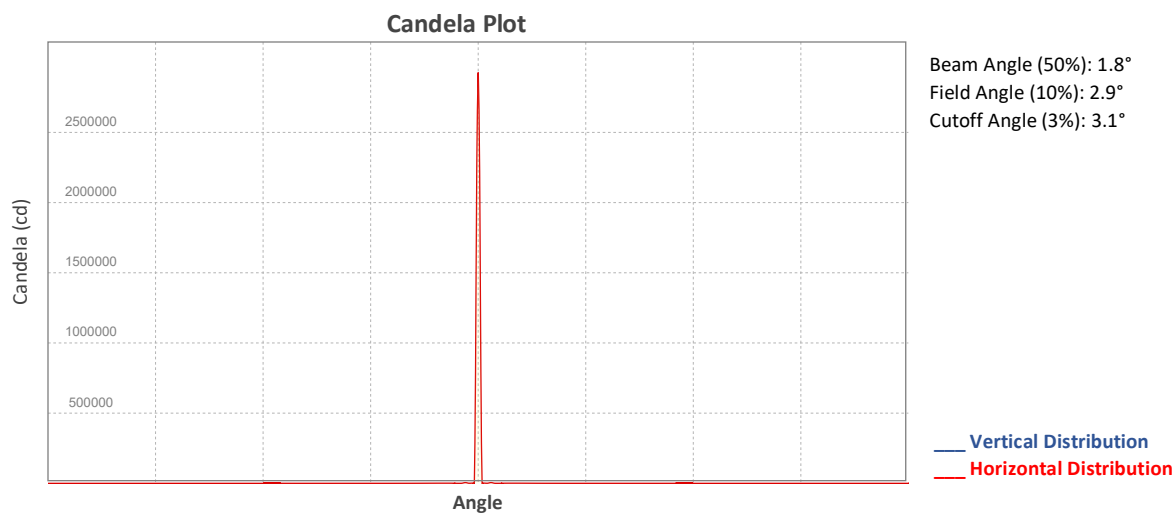


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2858280	714570	317587	178643	114331	79397	58332	44661	35287	28583
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	23622	19849	16913	14583	12703	11165	9890	8822	7918	7146
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	265543	66386	29505	16596	10622	7376	5419	4149	3278	2655
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2195	1844	1571	1355	1180	1037	919	820	736	664

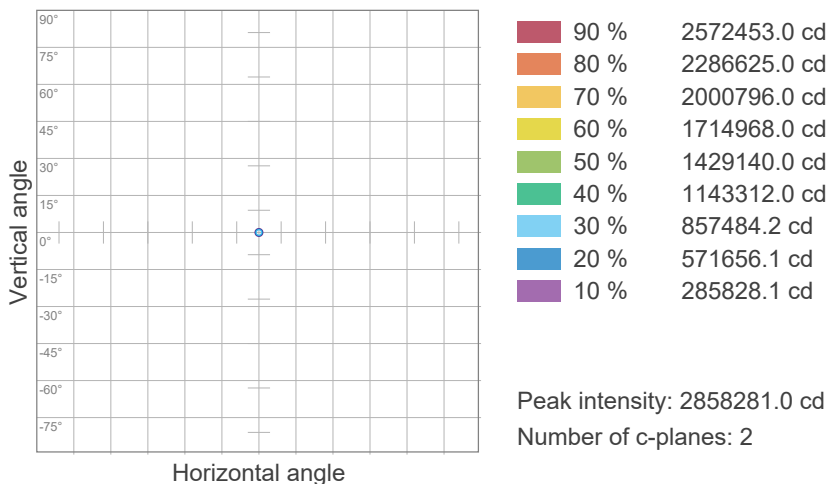
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Stable

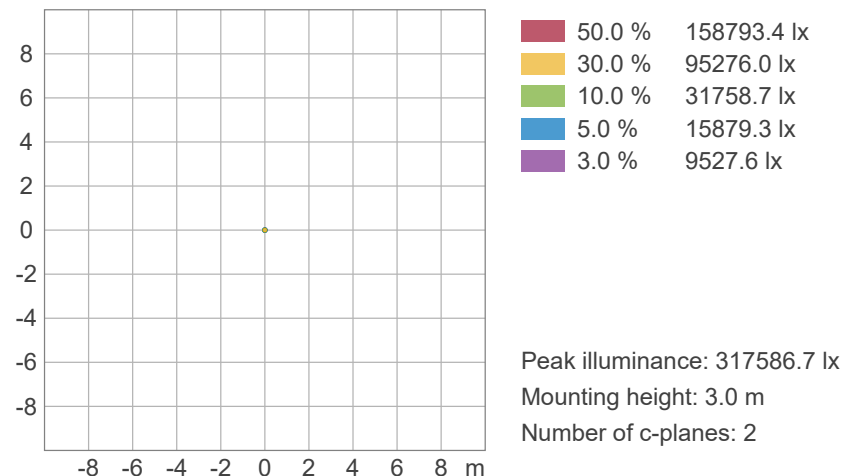


ISO Diagrams

ISO Candela Diagram



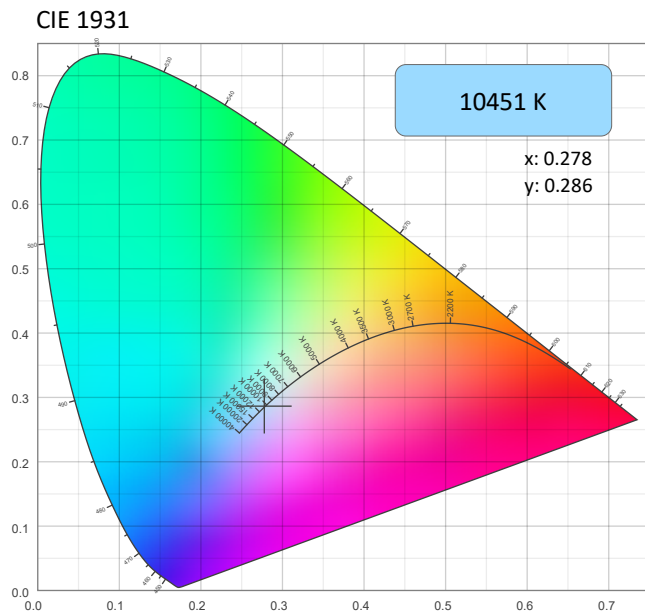
ISO Lux Diagram



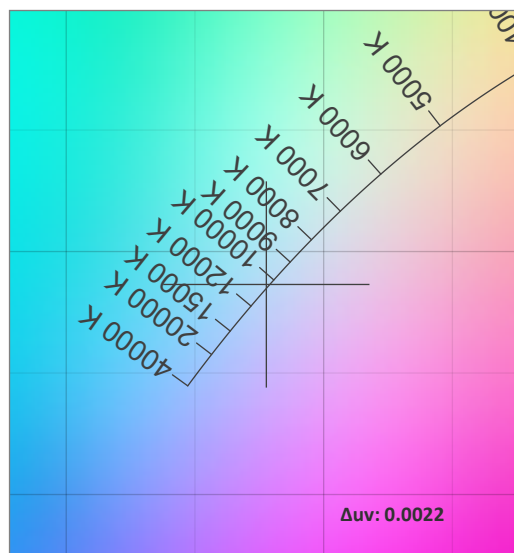
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Stable

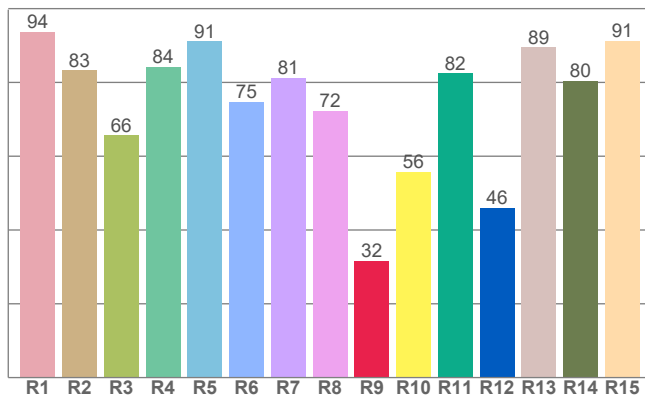
Chromaticity



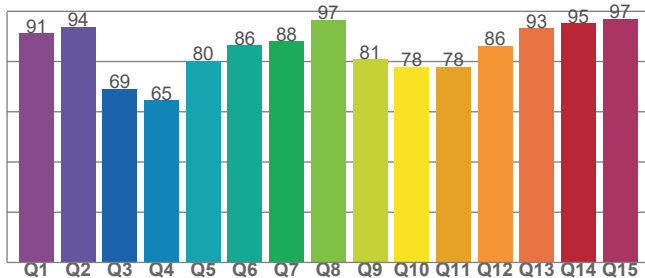
CIE 1931 - Zoom



CRI: 80.8 (R1-R8)



CQS: 82.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
10451 K	0.278	0.286

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0022	0.286	0.189

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.8	31.6	82.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	79.7	104.0

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Full Power, Stable

TM-30 Details

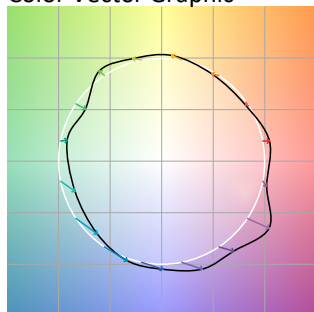
Rf 79.7

Fidelity Index
(Rg)

Rg 104.0

Gamut Index (Rg)

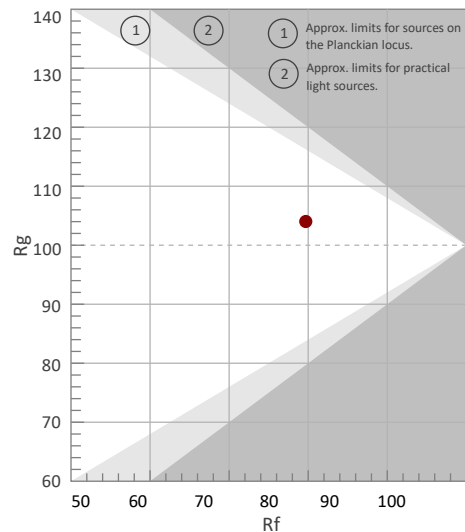
Color Vector Graphic



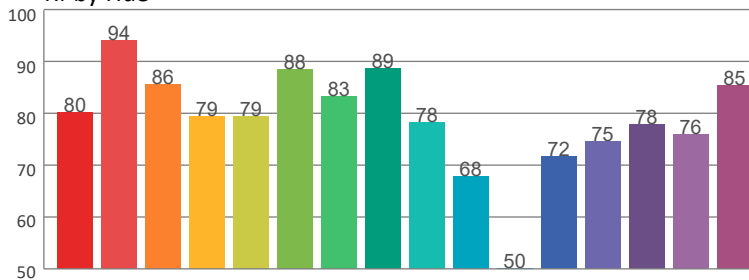
Color Distortion Graphic



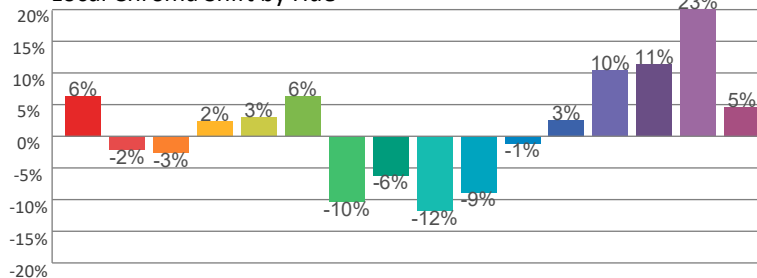
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	80	6%	-1%
2	94	-2%	0%
3	86	-3%	6%
4	79	2%	10%
5	79	3%	8%
6	88	6%	2%
7	83	-10%	-1%
8	89	-6%	-2%
9	78	-12%	12%
10	68	-9%	24%
11	50	-1%	26%
12	72	3%	22%
13	75	10%	18%
14	78	11%	10%
15	76	23%	4%
16	85	5%	-4%



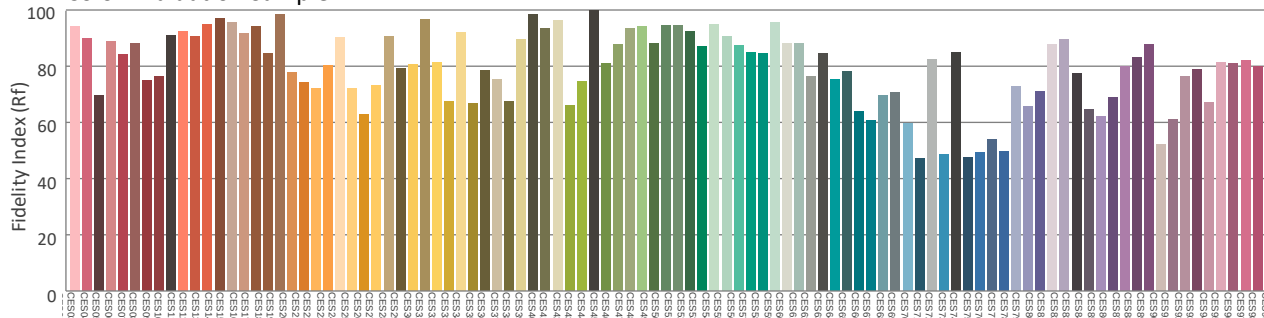
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only, Calibration Off

Report Summary

Measurements

Fixture Output: 1132 lm

Fixture Peak: 479130 cd

Fixture Efficacy: 17 lm/W

Intensity @ 5m: 19165 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.5°

Cutoff Angle (3%): 2.9°

Conditions

AC Supply: 117 V, 60 Hz

Power: 67.52 W

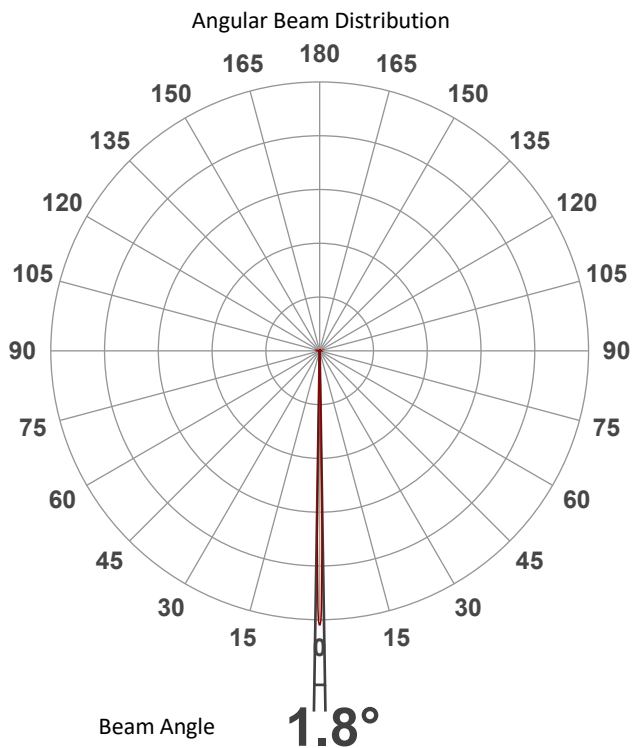
Current: 0.576 A

Power Factor: 0.98

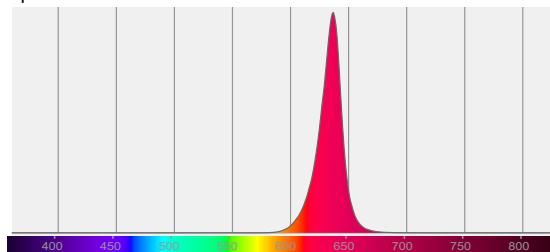


This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.701

Y: 0.298



Light Quality

CRI: 0.0

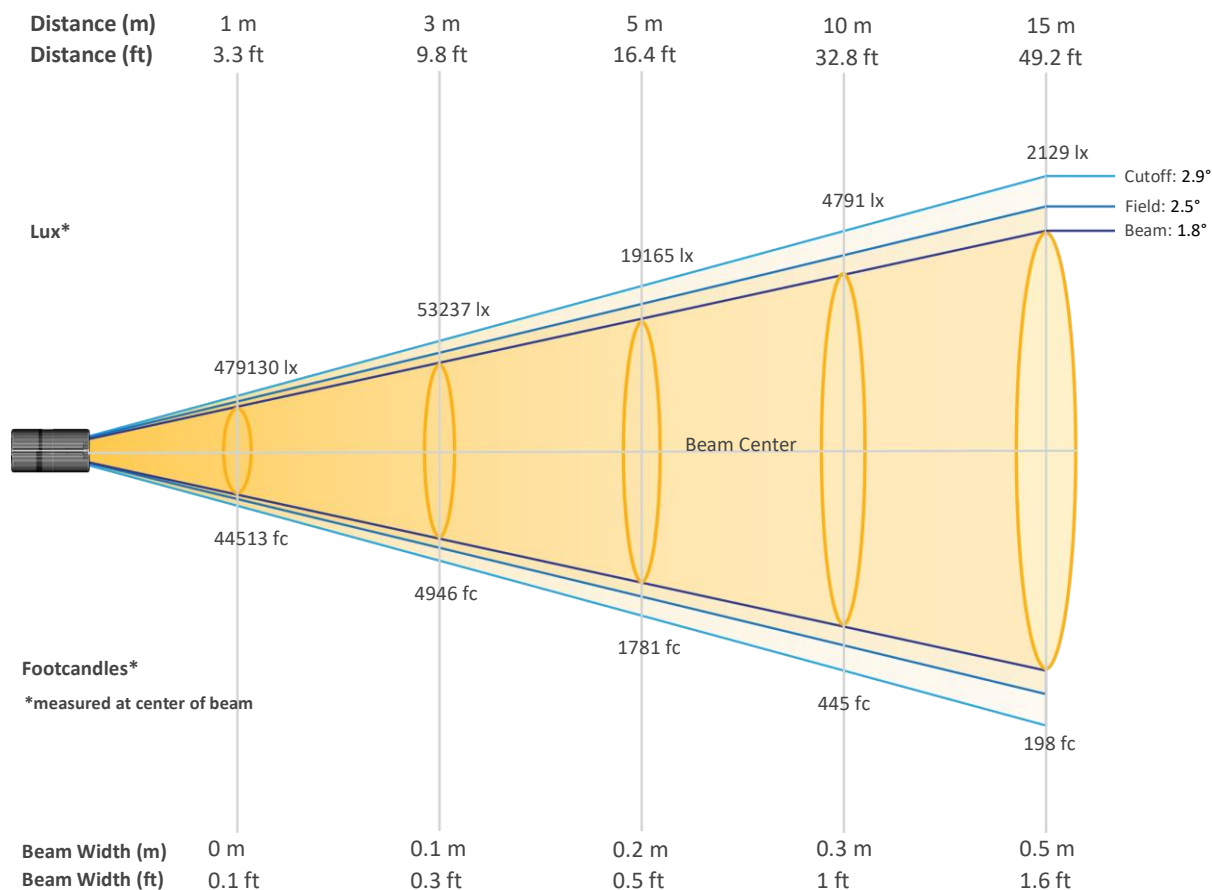
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only, Calibration Off

Beam Details

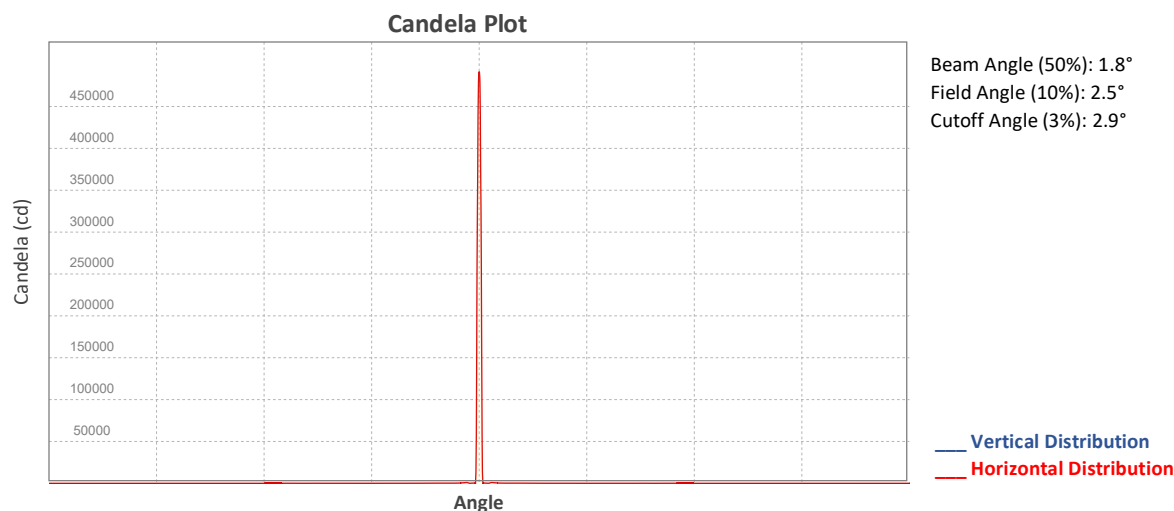


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	479130	119783	53237	29946	19165	13309	9778	7486	5915	4791
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3960	3327	2835	2445	2129	1872	1658	1479	1327	1198
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	44513	11128	4946	2782	1781	1236	908	696	550	445
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	368	309	263	227	198	174	154	137	123	111

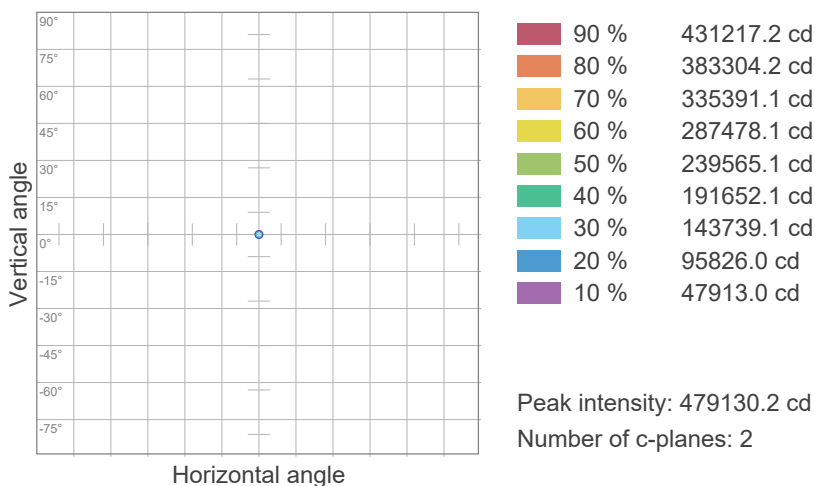
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only, Calibration Off

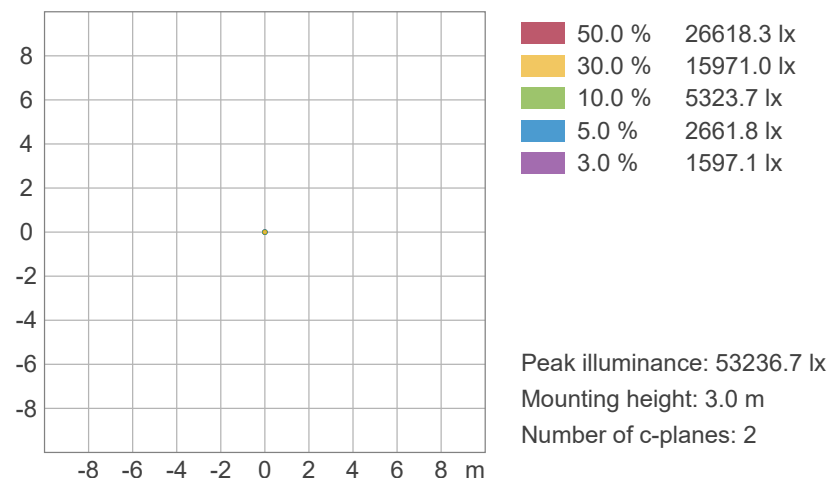


ISO Diagrams

ISO Candela Diagram



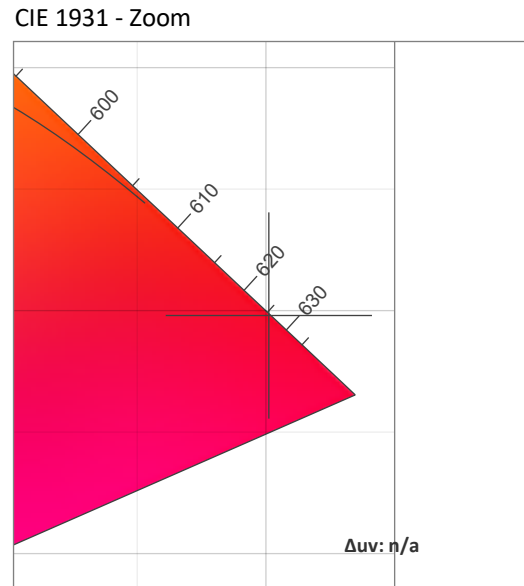
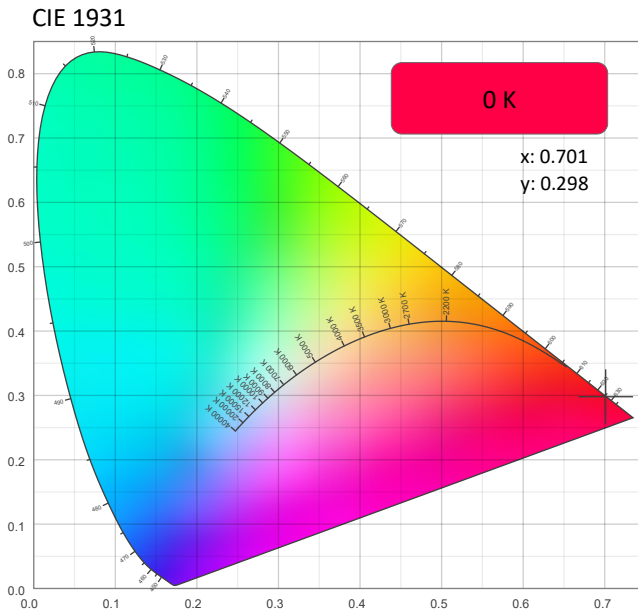
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only, Calibration Off

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.701	0.298

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

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only, Calibration Off

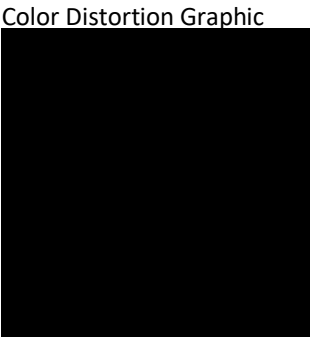
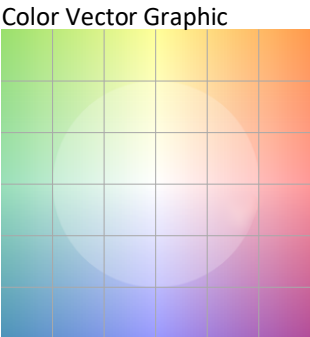
TM-30 Details

Rf 0.0

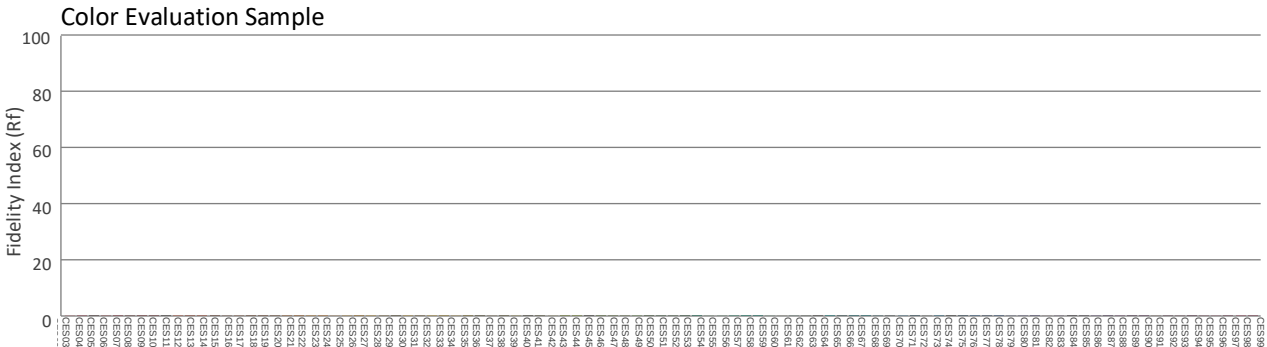
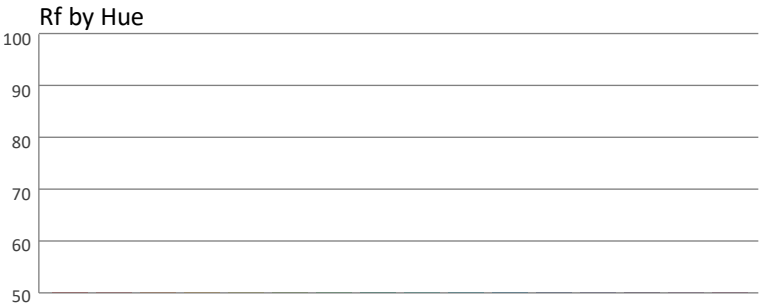
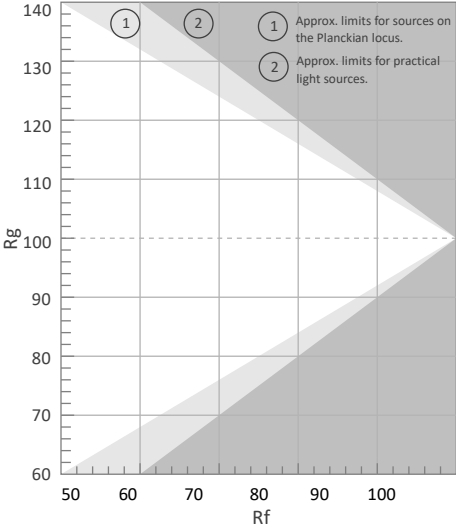
Fidelity Index
(Rg)

Rg 0.0

Gammut Index (Rg)



		Graphic shifts (%)		
Hue Bin	Rf	Chroma	Hue	
1	0	0%	0%	
2	0	0%	0%	
3	0	0%	0%	
4	0	0%	0%	
5	0	0%	0%	
6	0	0%	0%	
7	0	0%	0%	
8	0	0%	0%	
9	0	0%	0%	
10	0	0%	0%	
11	0	0%	0%	
12	0	0%	0%	
13	0	0%	0%	
14	0	0%	0%	
15	0	0%	0%	
16	0	0%	0%	



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only

Report Summary

Measurements

Fixture Output: 1425 lm

Fixture Peak: 333047 cd

Fixture Efficacy: 24 lm/W

Intensity @ 5m: 13322 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.7°

Cutoff Angle (3%): 3.4°

Conditions

AC Supply: 118 V, 60 Hz

Power: 60.49 W

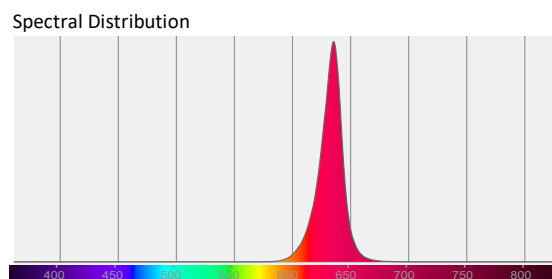
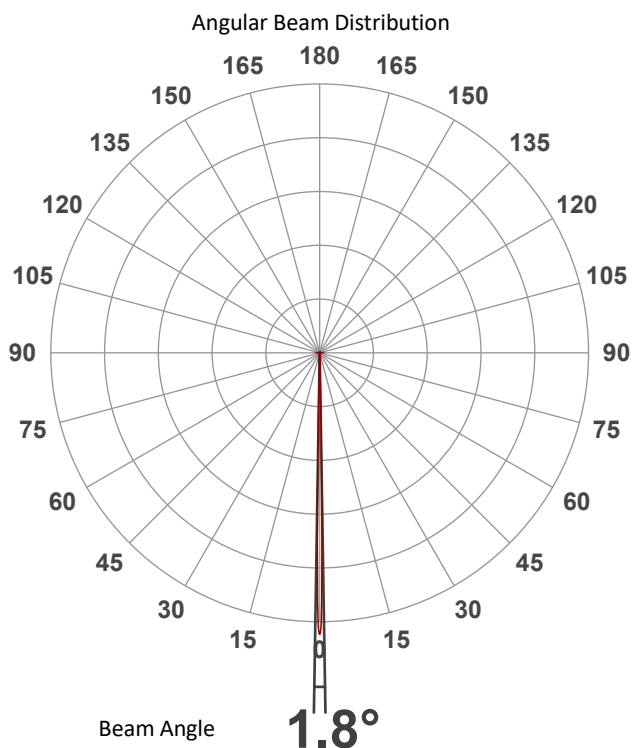
Current: 0.515 A

Power Factor: 0.97



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.700

Y: 0.299



Light Quality

CRI: 0.0

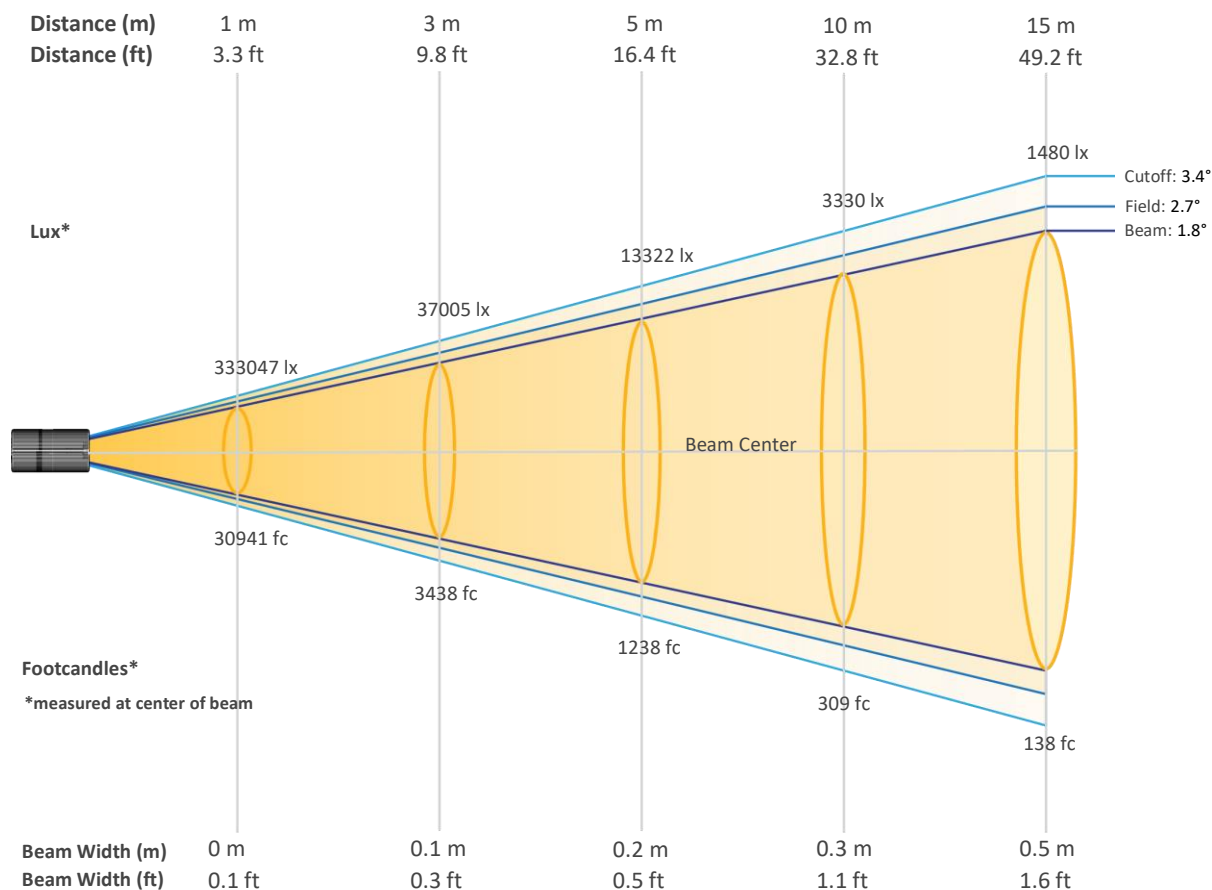
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only

Beam Details

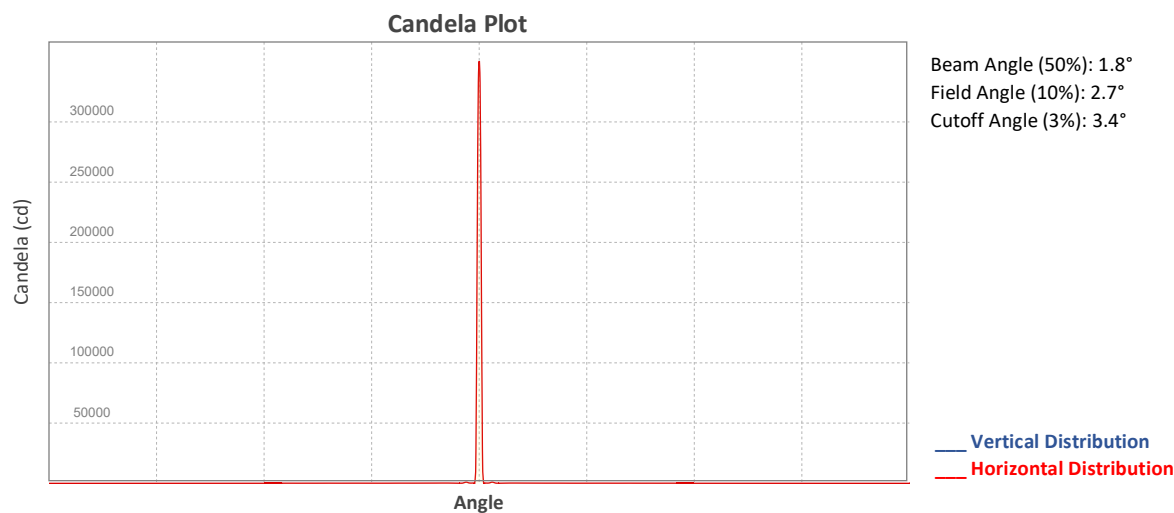


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	333047	83262	37005	20815	13322	9251	6797	5204	4112	3330
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2752	2313	1971	1699	1480	1301	1152	1028	923	833
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	30941	7735	3438	1934	1238	859	631	483	382	309
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	256	215	183	158	138	121	107	95	86	77

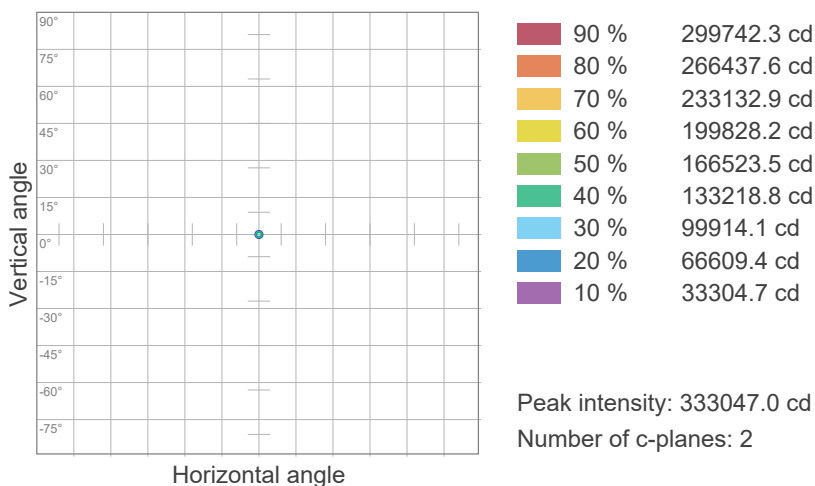
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only

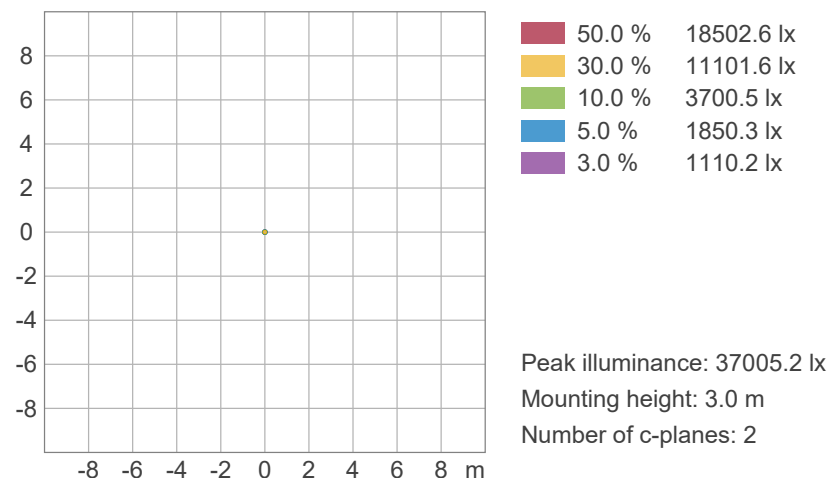


ISO Diagrams

ISO Candela Diagram



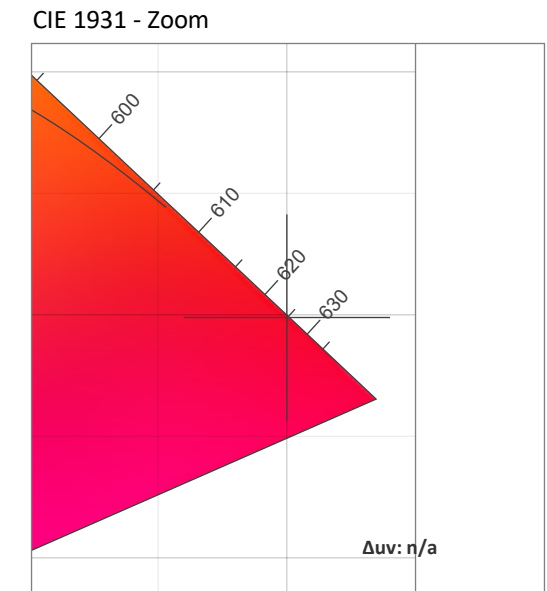
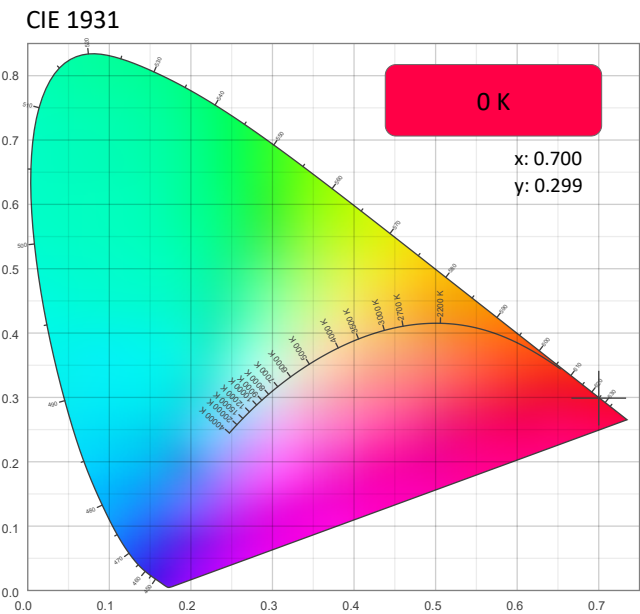
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.700	0.299

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.299	0.540

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Red Only

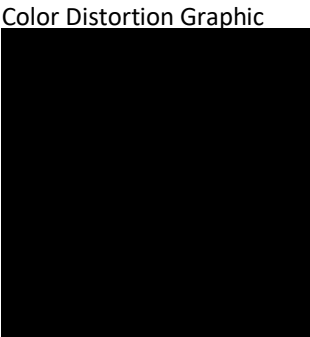
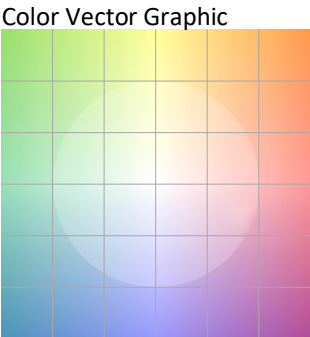
TM-30 Details

Rf 0.0

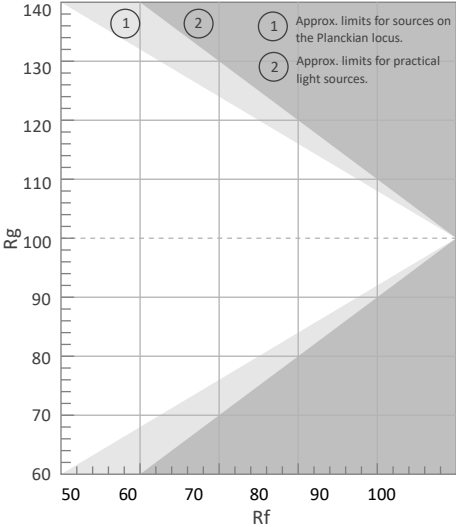
Fidelity Index (Rg)

Rg 0.0

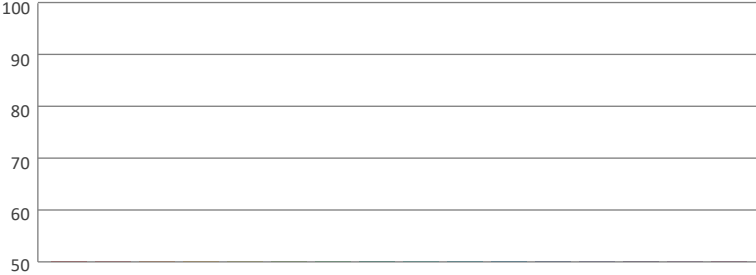
Gammut Index (Rg)



		Graphic shifts (%)		
Hue Bin	Rf	Chroma	Hue	
1	0	0%	0%	
2	0	0%	0%	
3	0	0%	0%	
4	0	0%	0%	
5	0	0%	0%	
6	0	0%	0%	
7	0	0%	0%	
8	0	0%	0%	
9	0	0%	0%	
10	0	0%	0%	
11	0	0%	0%	
12	0	0%	0%	
13	0	0%	0%	
14	0	0%	0%	
15	0	0%	0%	
16	0	0%	0%	



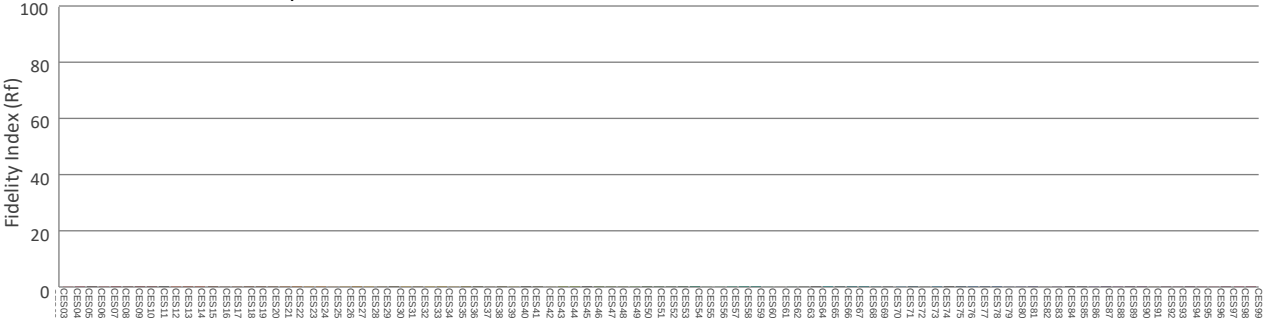
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only, Calibration Off

Report Summary

Measurements

Fixture Output: 2644 lm

Fixture Peak: 2525845 cd

Fixture Efficacy: 60 lm/W

Intensity @ 5m: 101034 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.5°

Cutoff Angle (3%): 2.9°

Conditions

AC Supply: 117 V, 60 Hz

Power: 46.77 W

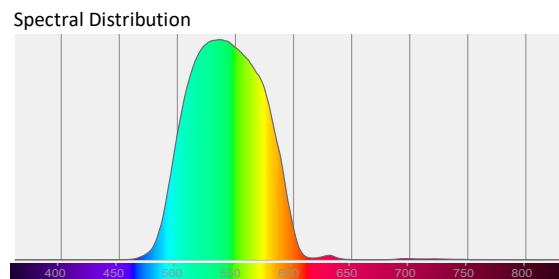
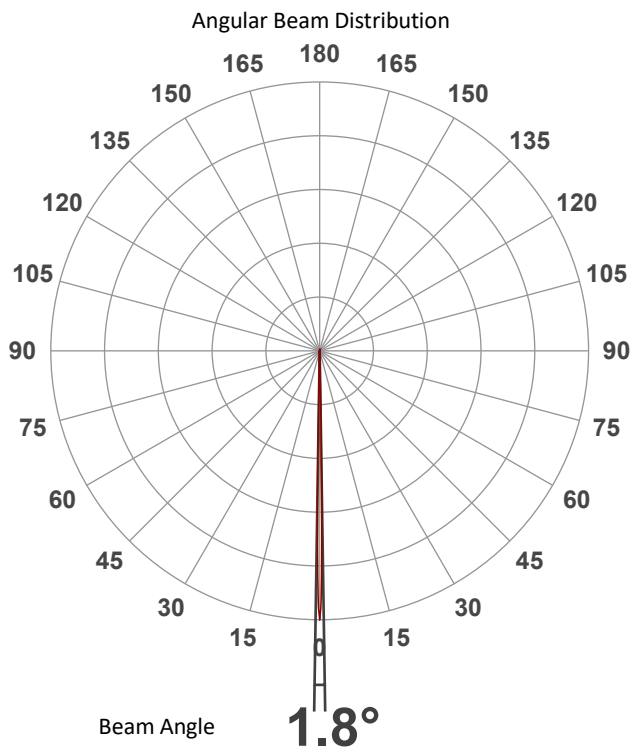
Current: 0.399 A

Power Factor: 0.95



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.628



Light Quality

CRI: 0.0

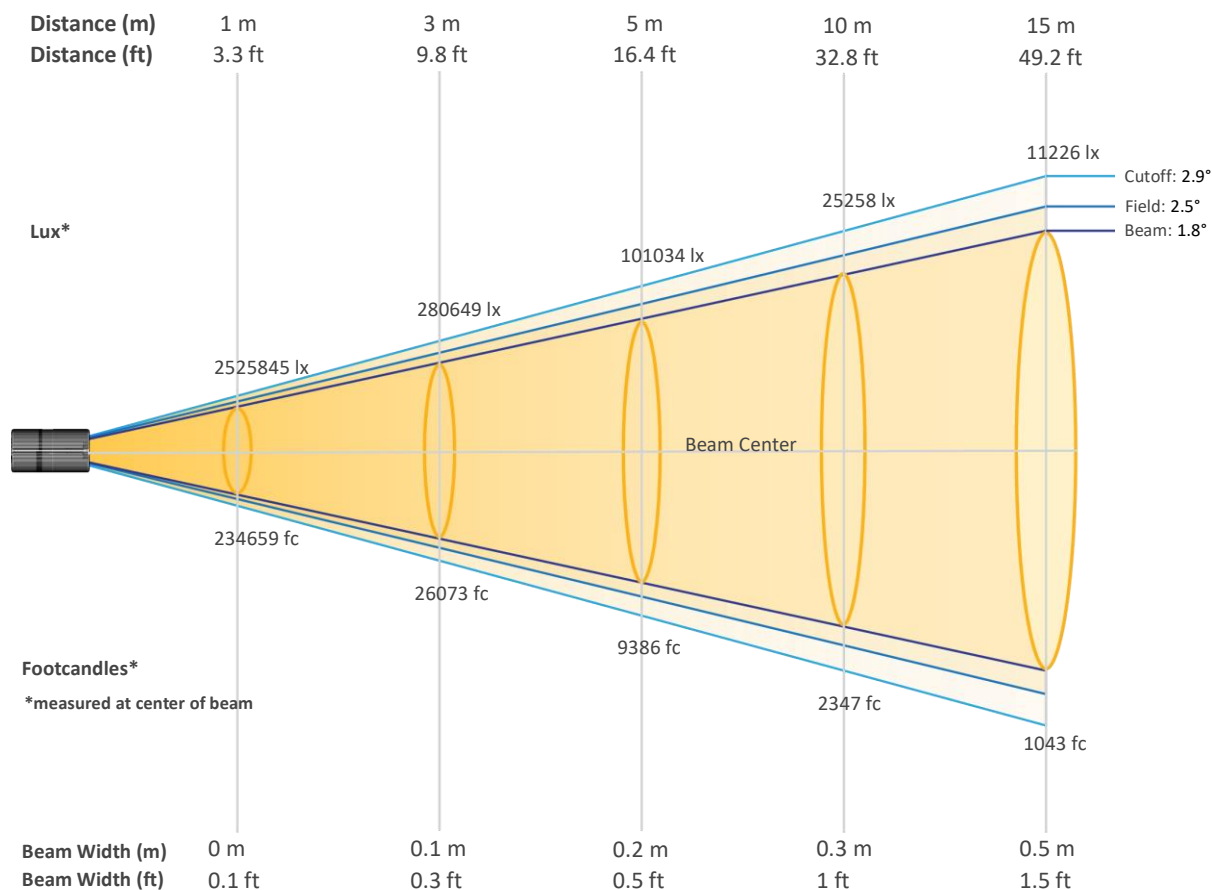
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only, Calibration Off

Beam Details

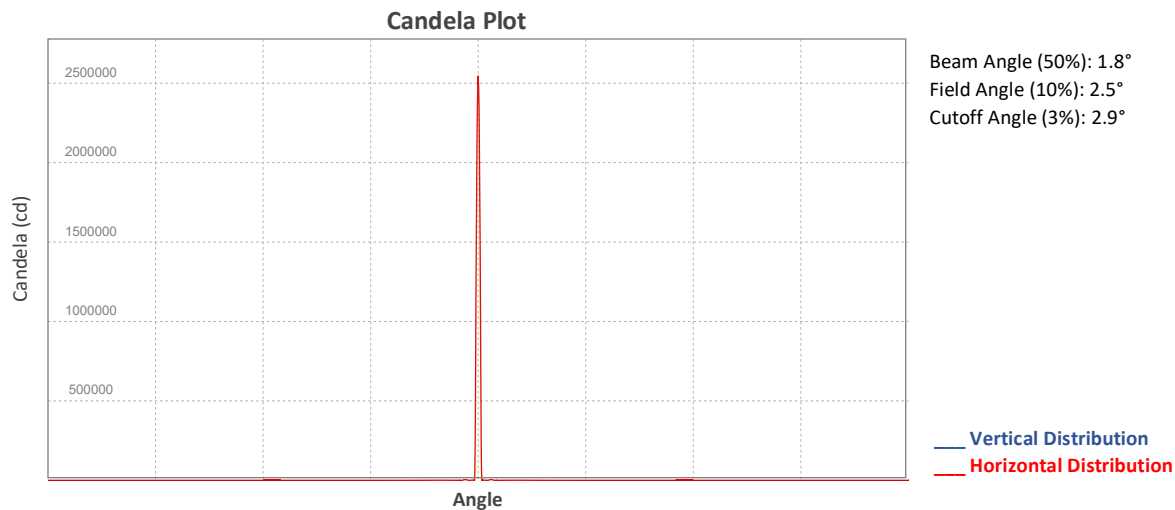


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2525845	631461	280649	157865	101034	70162	51548	39466	31183	25258
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	20875	17541	14946	12887	11226	9867	8740	7796	6997	6315
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	234659	58665	26073	14666	9386	6518	4789	3667	2897	2347
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1939	1630	1389	1197	1043	917	812	724	650	587

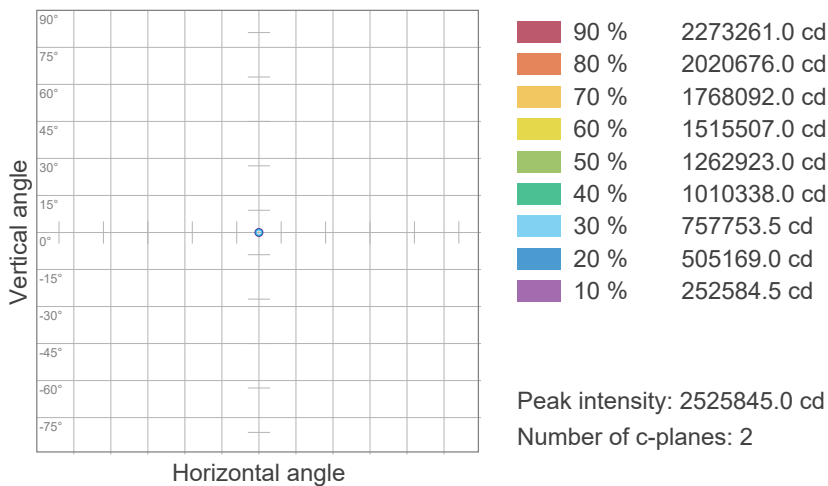
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only, Calibration Off

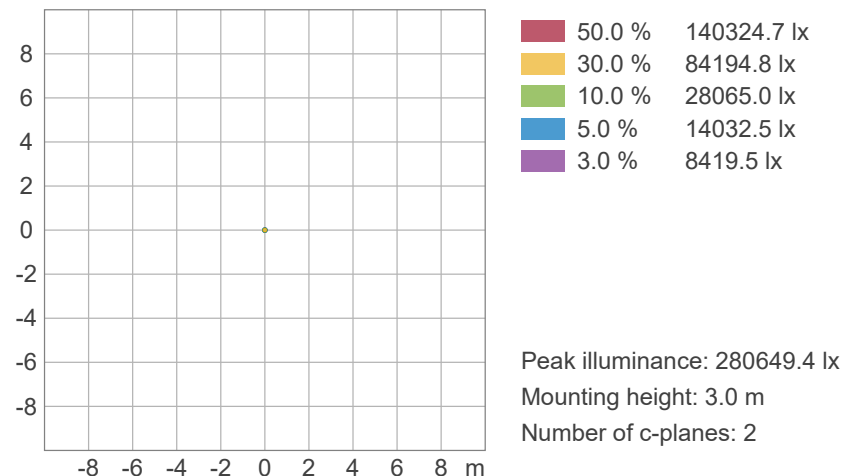


ISO Diagrams

ISO Candela Diagram



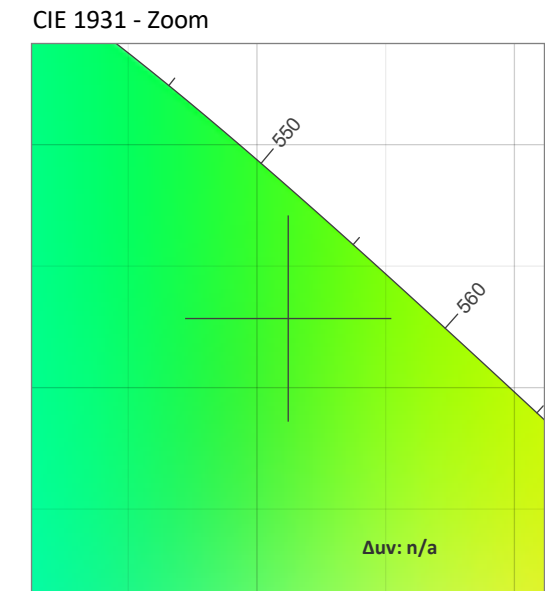
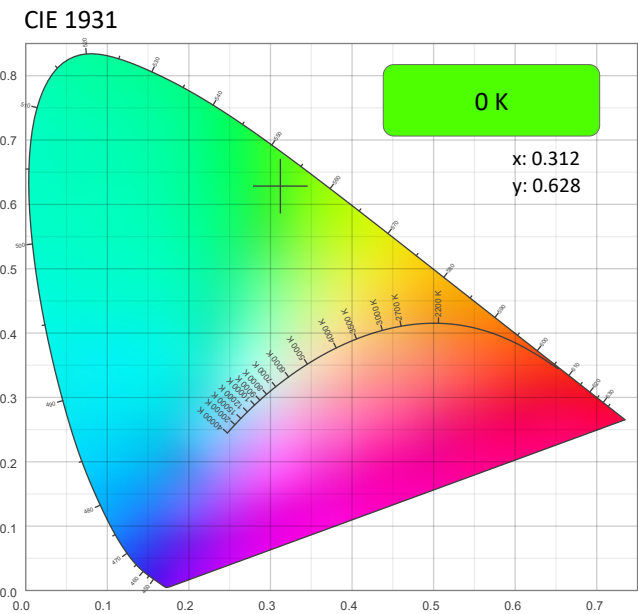
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only, Calibration Off

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.312	0.628

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.628	0.126

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only, Calibration Off

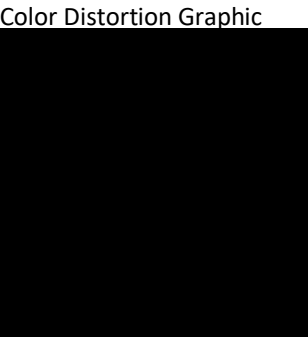
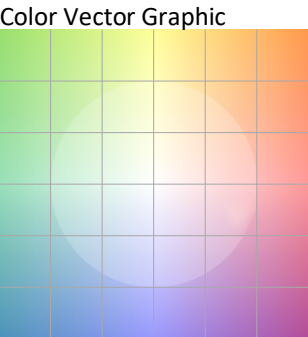
TM-30 Details

Rf 0.0

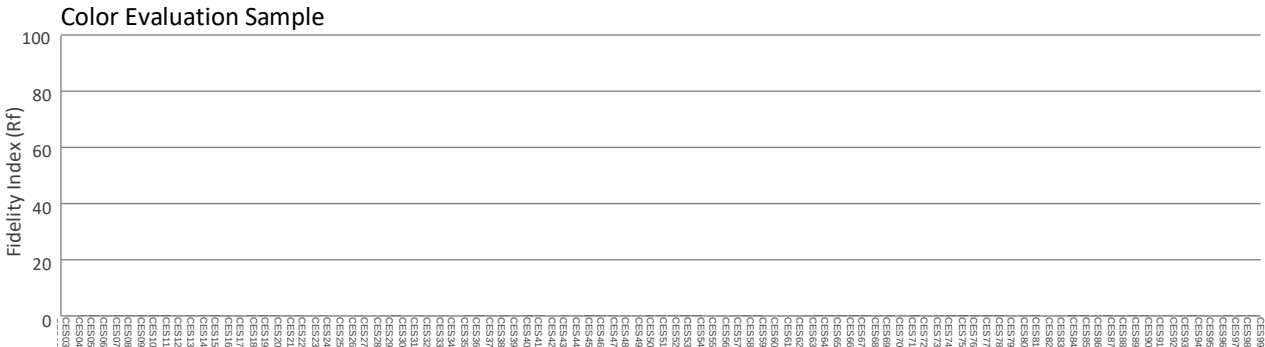
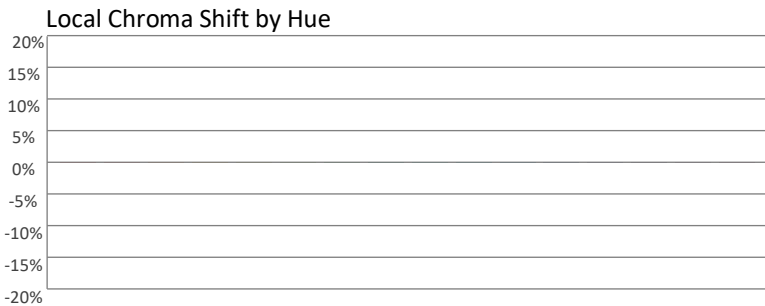
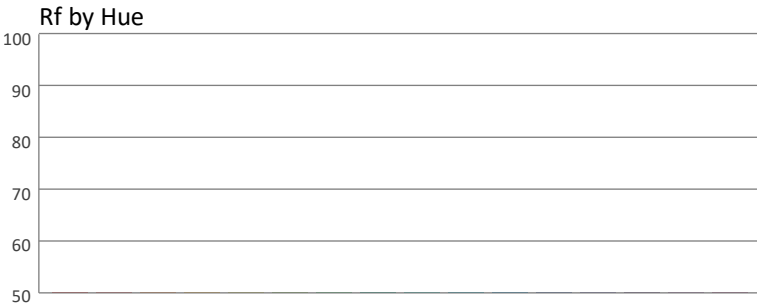
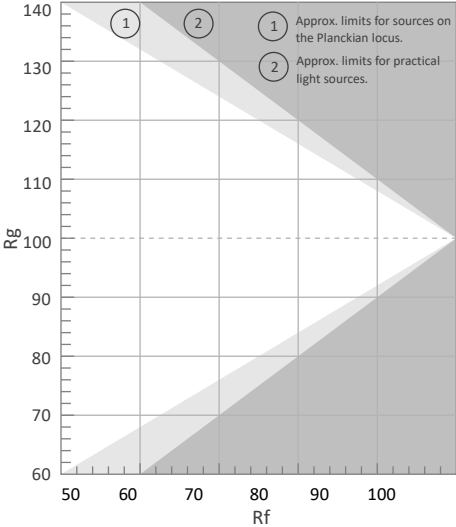
Fidelity Index (Rg)

Rg 0.0

Gammut Index (Rg)



		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only

Report Summary

Measurements

Fixture Output: 2612 lm

Fixture Peak: 2559485 cd

Fixture Efficacy: 25 lm/W

Intensity @ 5m: 102379 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.7°

Field Angle (10%): 2.5°

Cutoff Angle (3%): 2.7°

Conditions

AC Supply: 117 V, 60.1 Hz

Power: 104.72 W

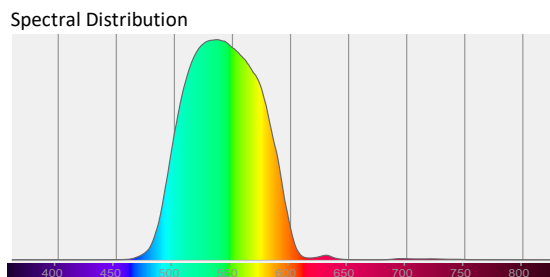
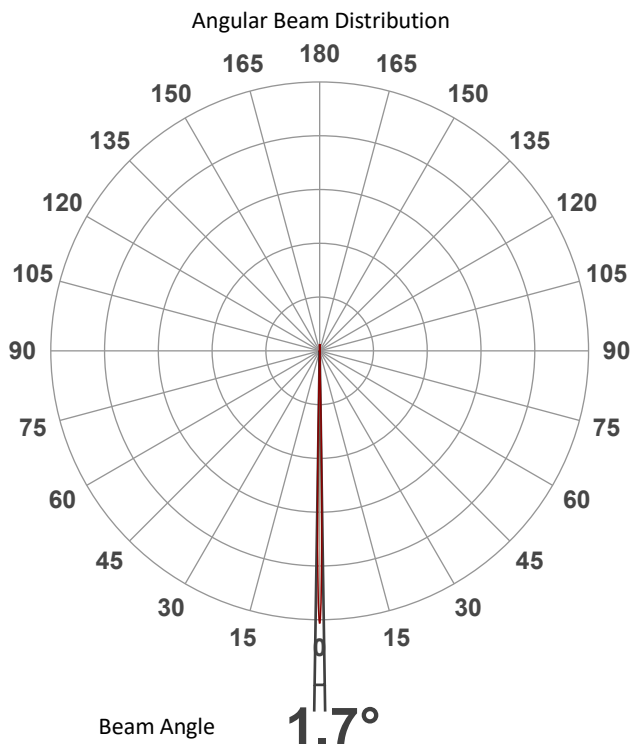
Current: 0.896 A

Power Factor: 0.98



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.629



Light Quality

CRI: 0.0

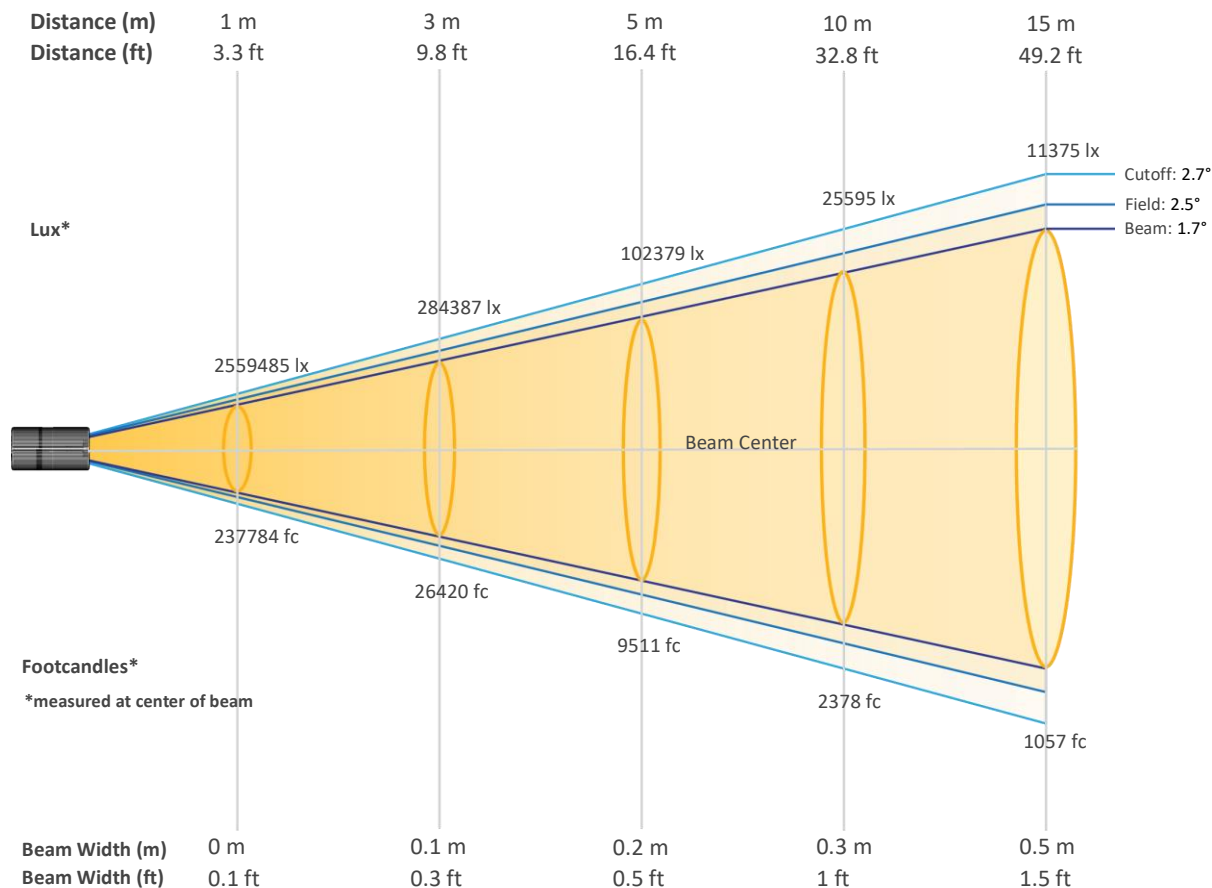
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only

Beam Details

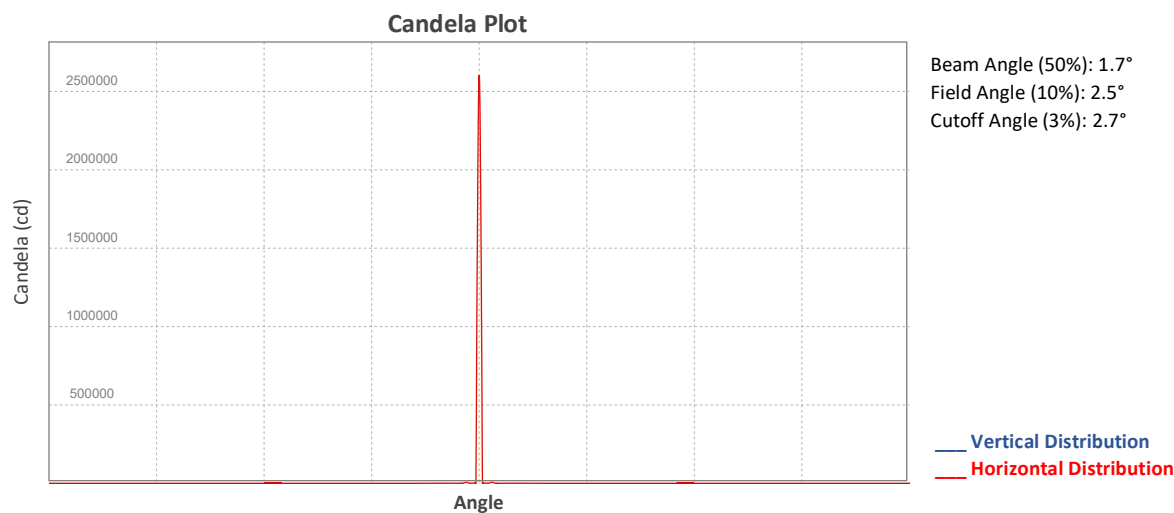


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2559485	639871	284387	159968	102379	71097	52234	39992	31599	25595
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	21153	17774	15145	13059	11375	9998	8856	7900	7090	6399
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	237784	59446	26420	14861	9511	6605	4853	3715	2936	2378
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1965	1651	1407	1213	1057	929	823	734	659	594

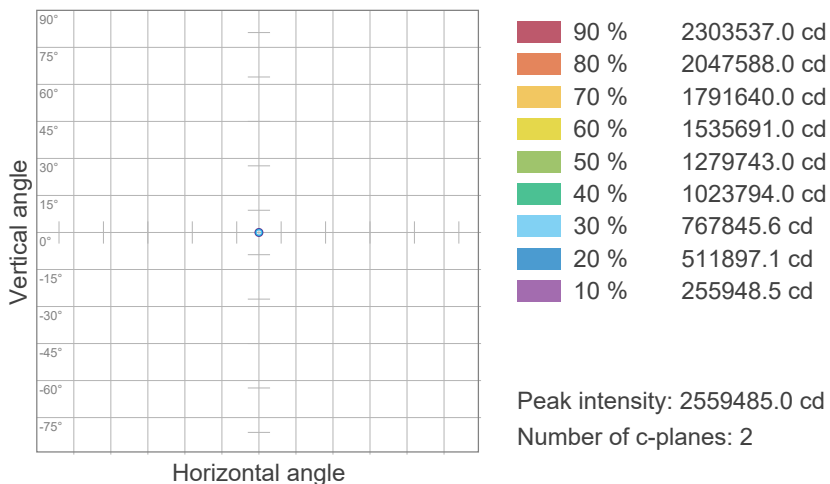
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only

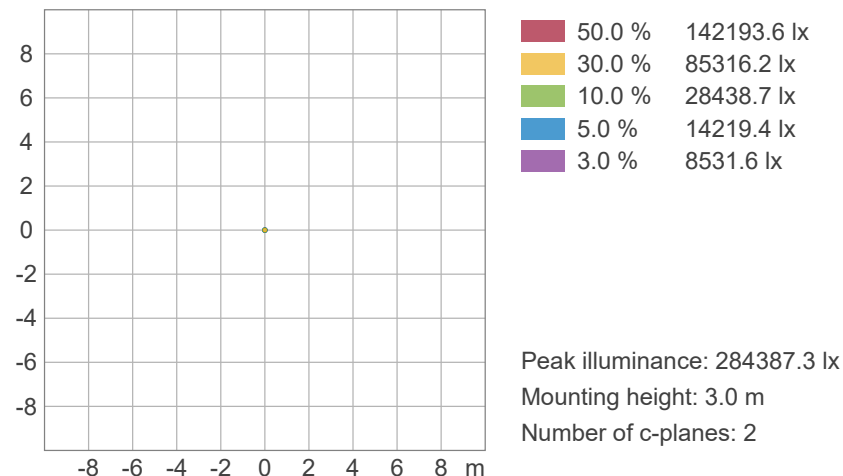


ISO Diagrams

ISO Candela Diagram



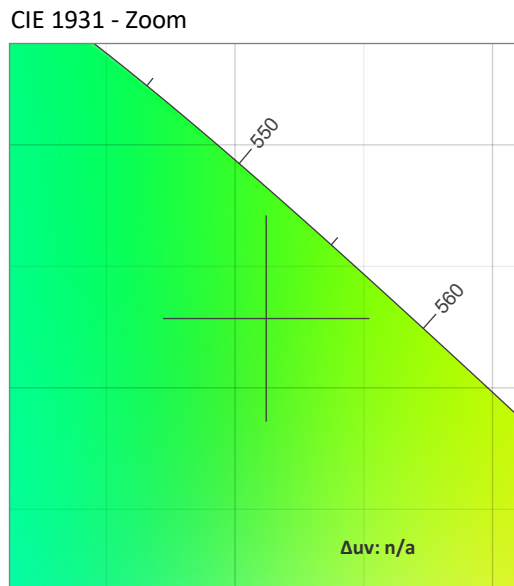
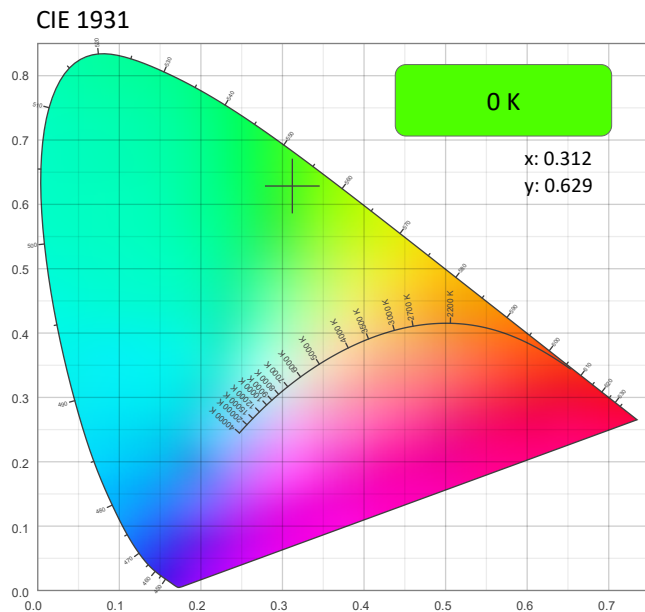
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.312	0.629

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.629	0.126

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Green Only

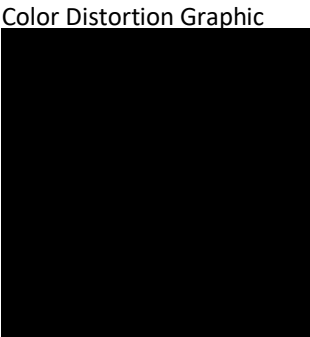
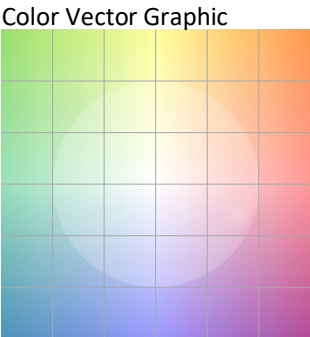
TM-30 Details

Rf 0.0

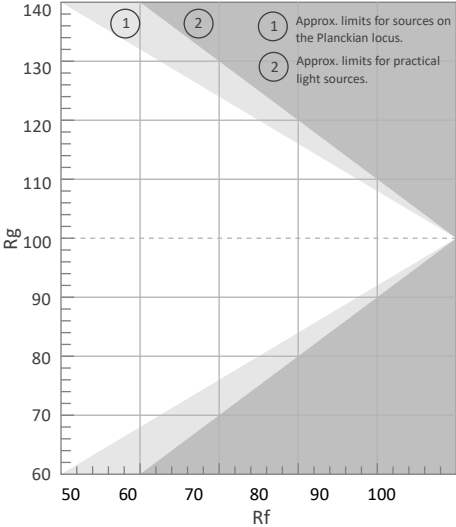
Fidelity Index (Rg)

Rg 0.0

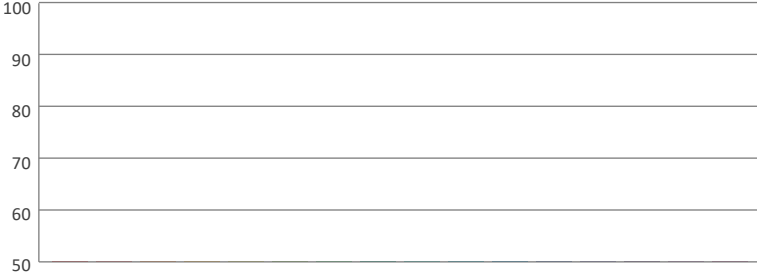
Gammut Index (Rg)



		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



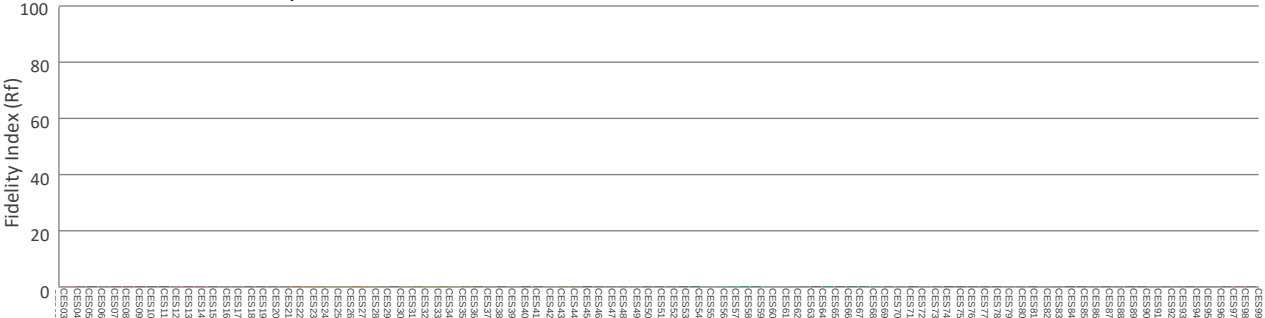
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only, Calibration Off

Report Summary

Measurements

Fixture Output: 770 lm

Fixture Peak: 253662 cd

Fixture Efficacy: 9 lm/W

Intensity @ 5m: 10146 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.6°

Cutoff Angle (3%): 2.8°

Conditions

AC Supply: 117 V, 60 Hz

Power: 85.53 W

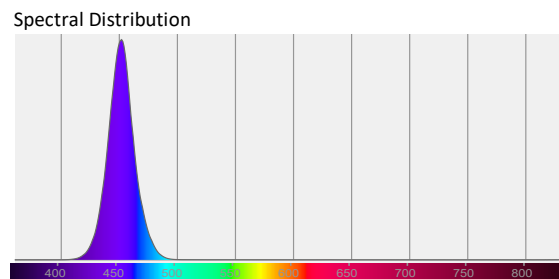
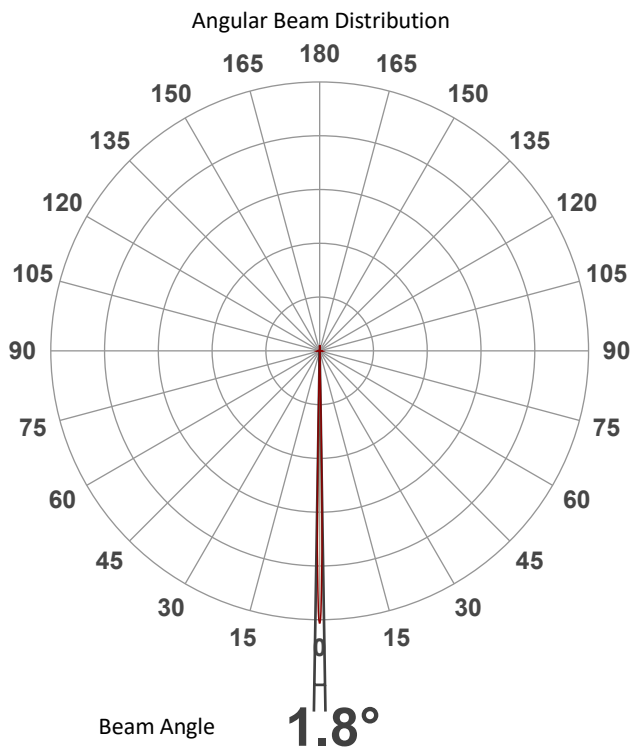
Current: 0.731 A

Power Factor: 0.98



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.153

Y: 0.024



Light Quality

CRI: 0.0

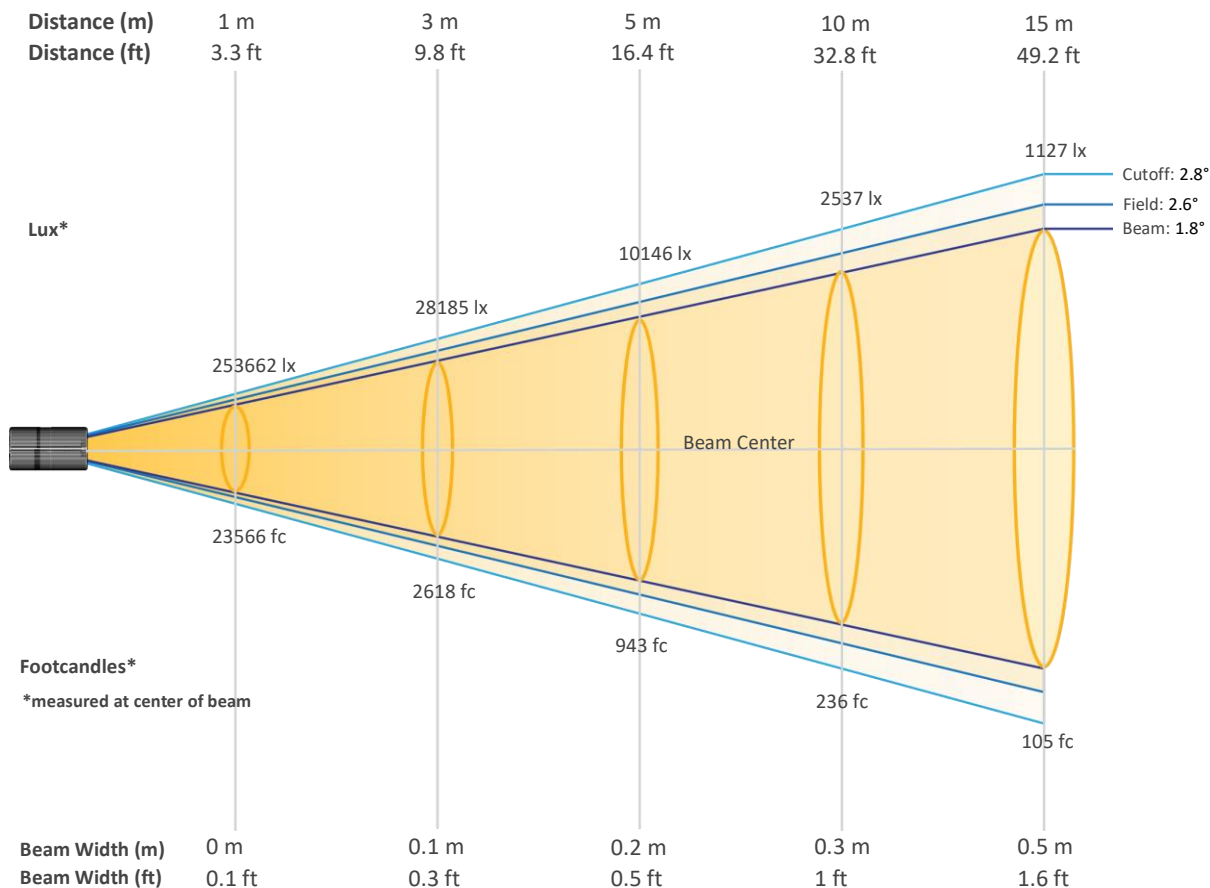
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only, Calibration Off

Beam Details

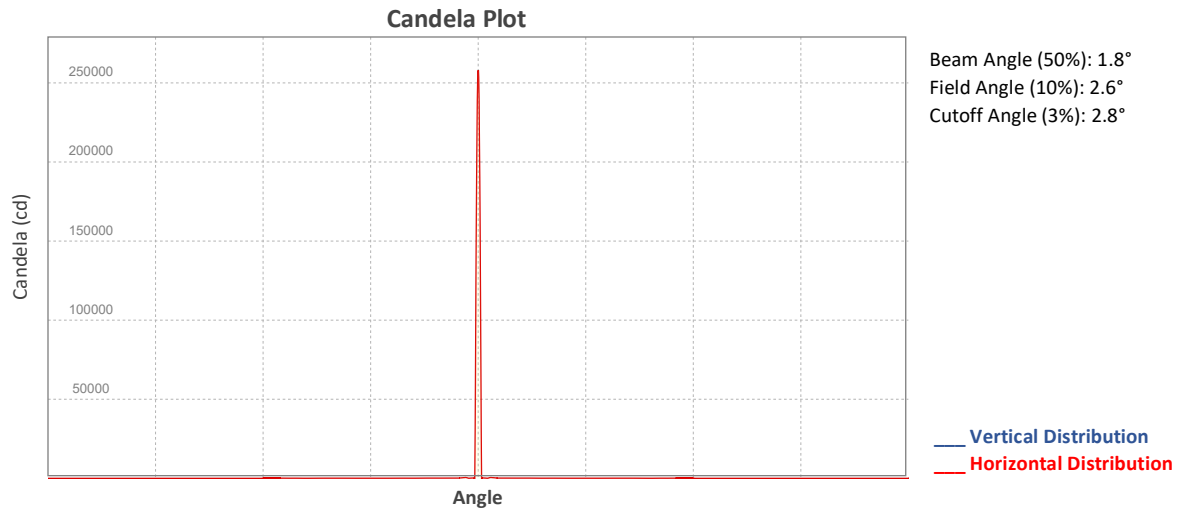


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	253662	63415	28185	15854	10146	7046	5177	3963	3132	2537
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2096	1762	1501	1294	1127	991	878	783	703	634
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	23566	5891	2618	1473	943	655	481	368	291	236
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	195	164	139	120	105	92	82	73	65	59

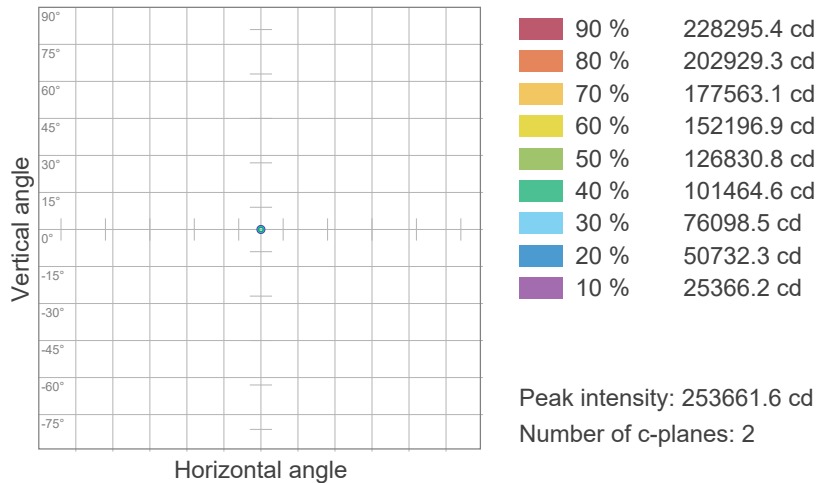
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only, Calibration Off

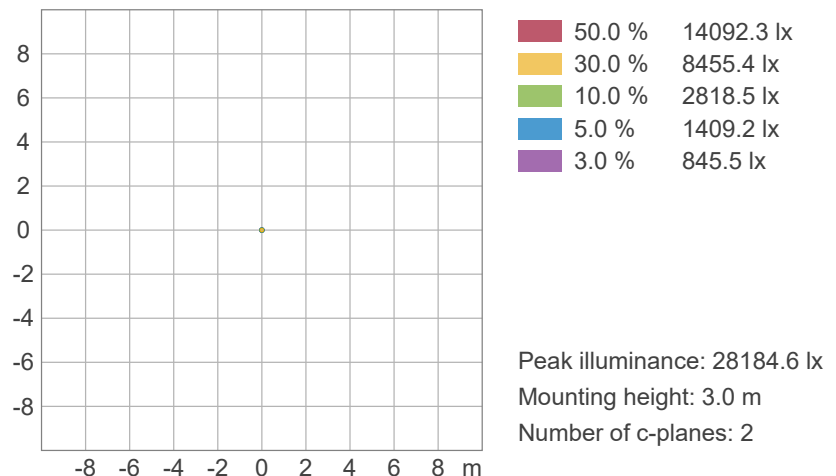


ISO Diagrams

ISO Candela Diagram



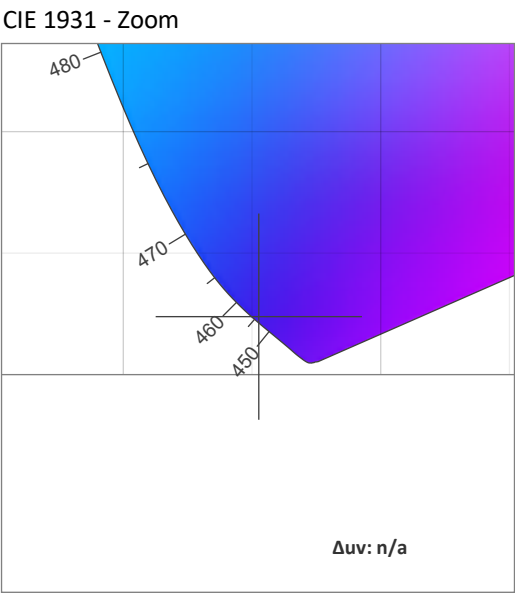
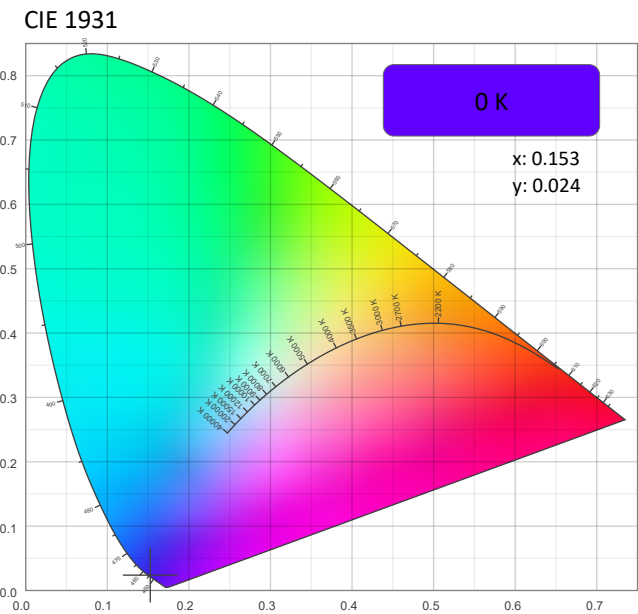
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only, Calibration Off

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.024

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.024	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only, Calibration Off

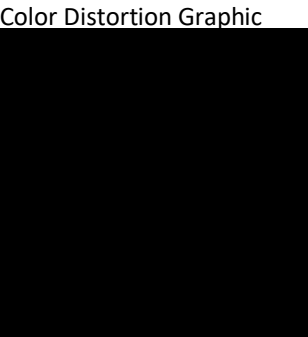
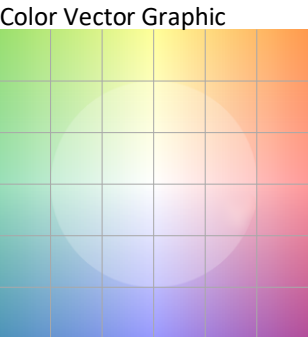
TM-30 Details

Rf 0.0

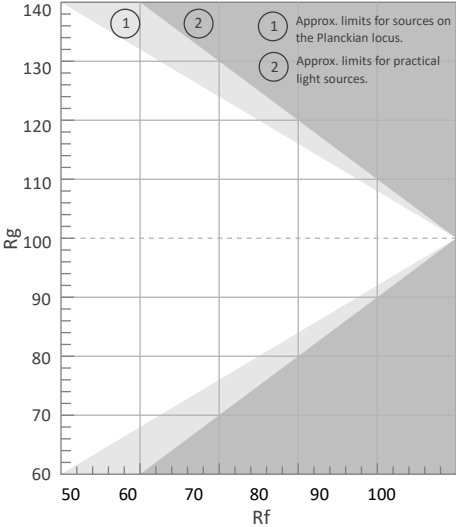
Fidelity Index
(Rg)

Rg 0.0

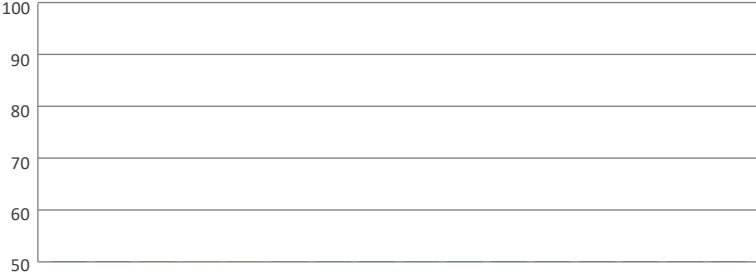
Gammut Index (Rg)



		Graphic shifts (%)		
Hue Bin	Rf	Chroma	Hue	
1	0	0%	0%	
2	0	0%	0%	
3	0	0%	0%	
4	0	0%	0%	
5	0	0%	0%	
6	0	0%	0%	
7	0	0%	0%	
8	0	0%	0%	
9	0	0%	0%	
10	0	0%	0%	
11	0	0%	0%	
12	0	0%	0%	
13	0	0%	0%	
14	0	0%	0%	
15	0	0%	0%	
16	0	0%	0%	



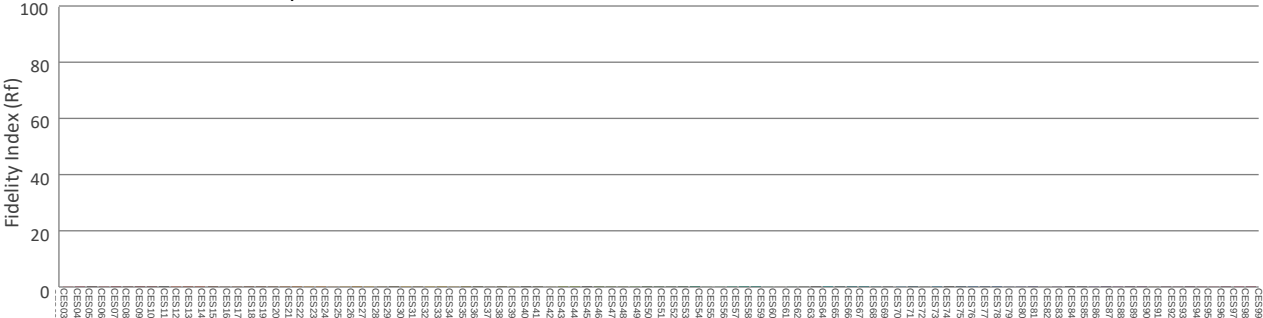
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only

Report Summary

Measurements

Fixture Output: 685 lm

Fixture Peak: 128534 cd

Fixture Efficacy: 11 lm/W

Intensity @ 5m: 5141 lux

Color Temperature: 0 K

CRI: 0.0 CRI R9 Value: 0.0

CQS: 0.0

TLCI: n/a

TM-30 Rf: 0.0

TM-30 Rg: 0.0

Beam Angle (50%): 1.8°

Field Angle (10%): 2.9°

Cutoff Angle (3%): 3.2°

Conditions

AC Supply: 117 V, 60 Hz

Power: 66.01 W

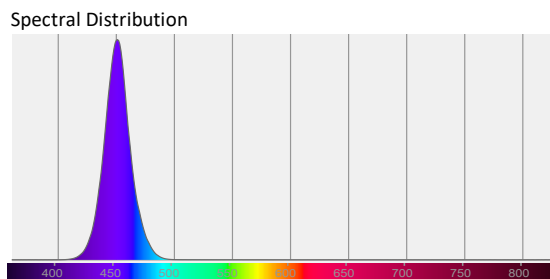
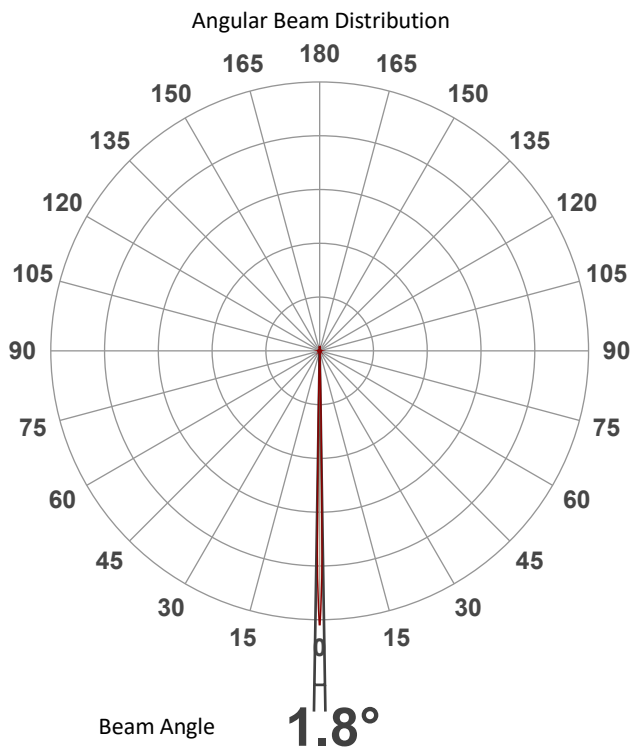
Current: 0.563 A

Power Factor: 0.98



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 6/3/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.153

Y: 0.023



Light Quality

CRI: 0.0

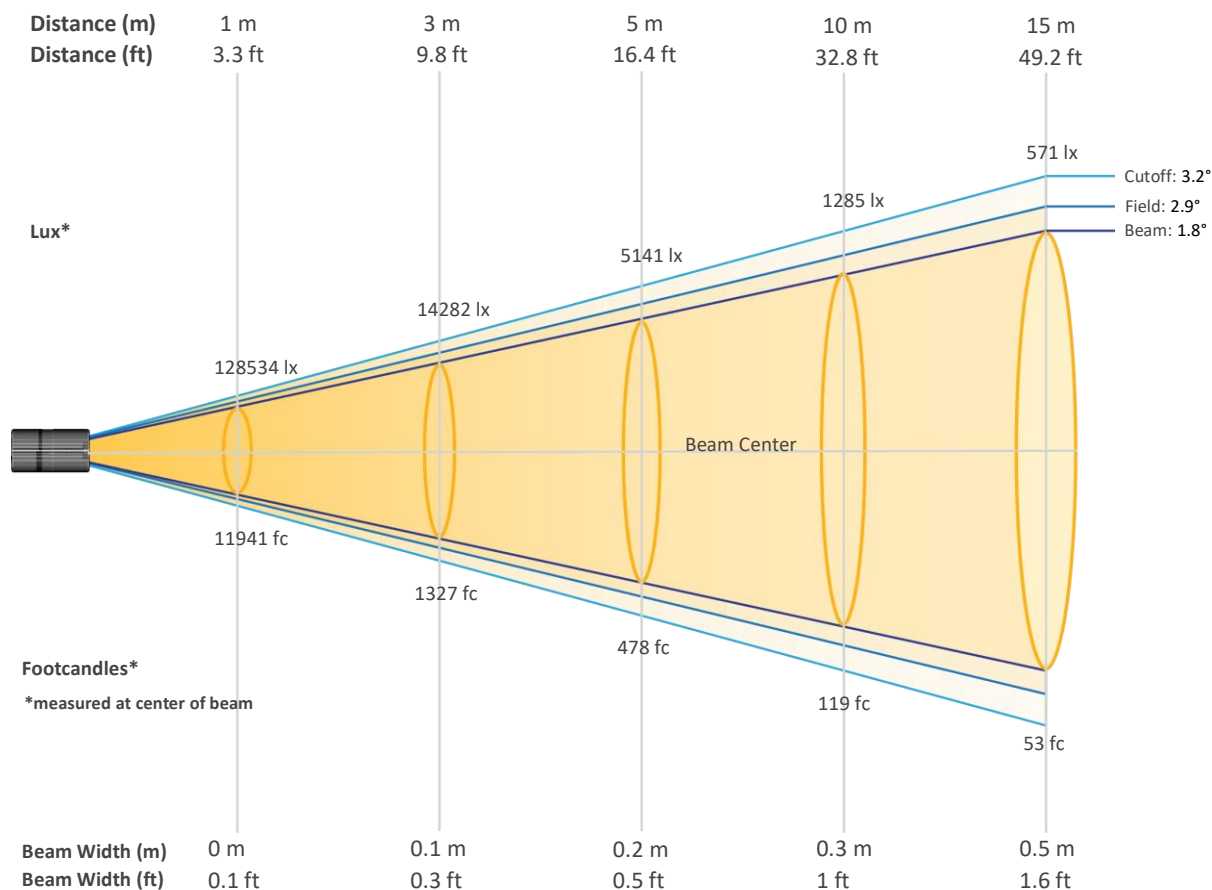
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only

Beam Details

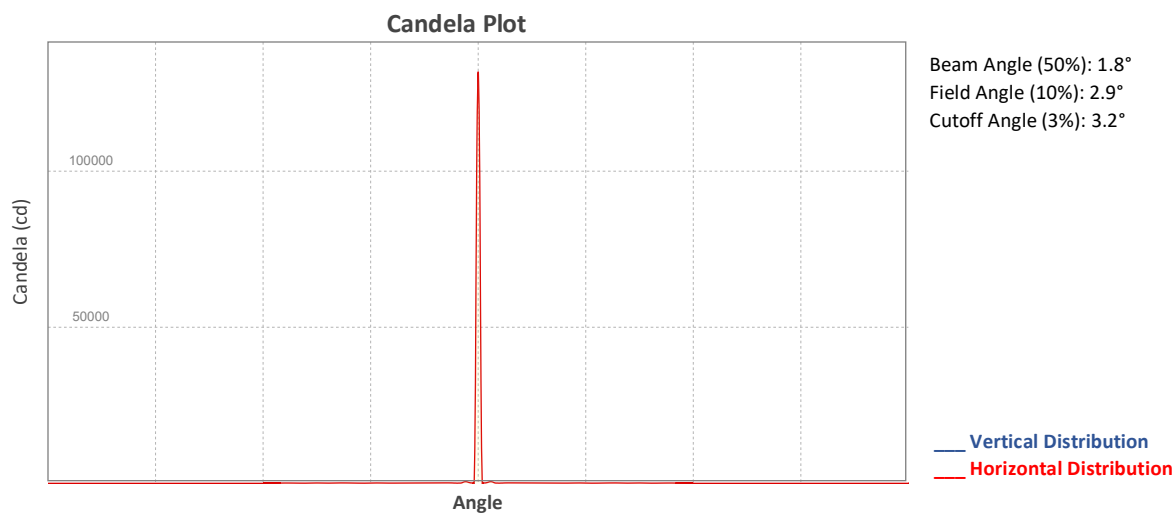


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	128534	32133	14282	8033	5141	3570	2623	2008	1587	1285
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1062	893	761	656	571	502	445	397	356	321
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11941	2985	1327	746	478	332	244	187	147	119
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	99	83	71	61	53	47	41	37	33	30

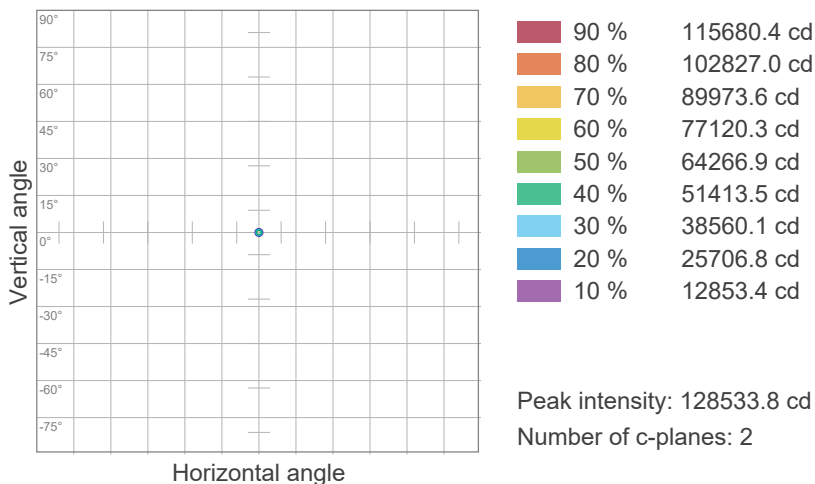
Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only

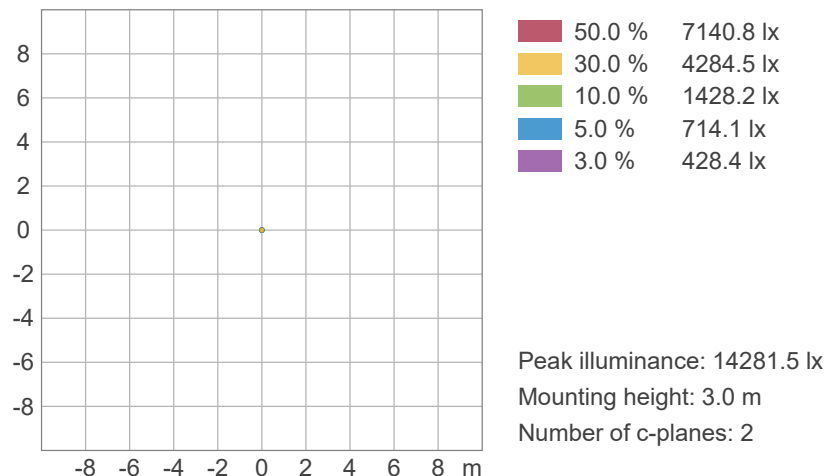


ISO Diagrams

ISO Candela Diagram



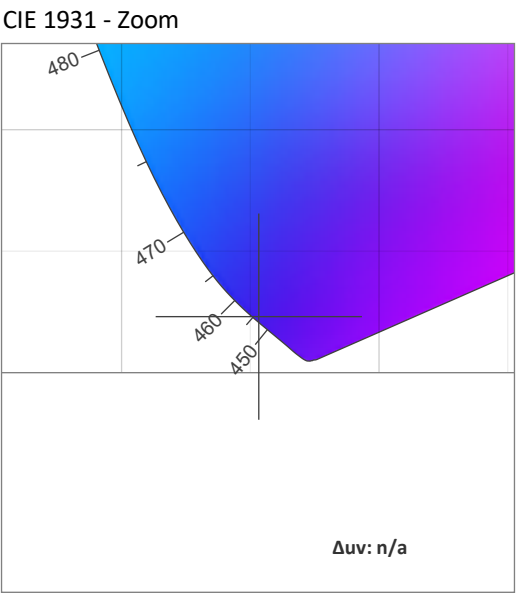
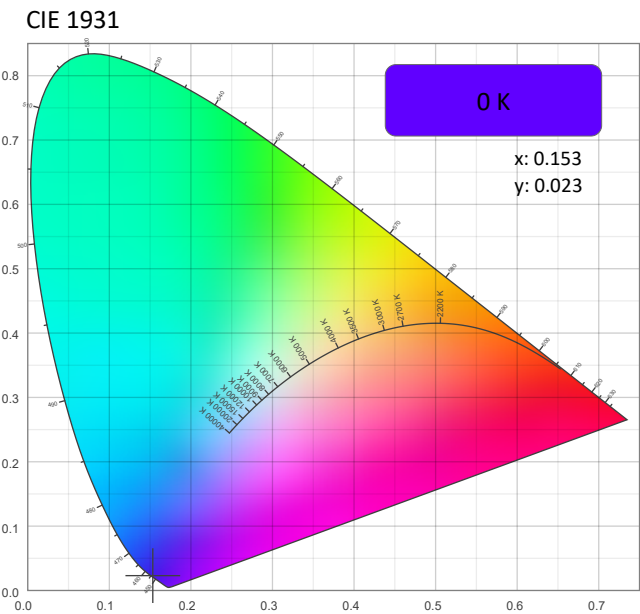
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.153	0.023

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.023	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
0.0	0.0	0.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
n/a	0.0	0.0



Photometric & Chromaticity Report

Rogue Outcast 1M Beam: Beam - Blue Only

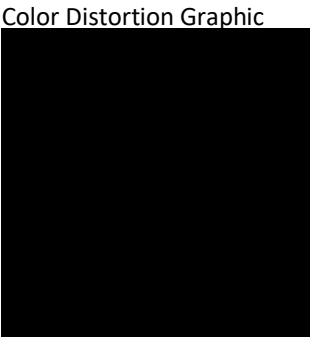
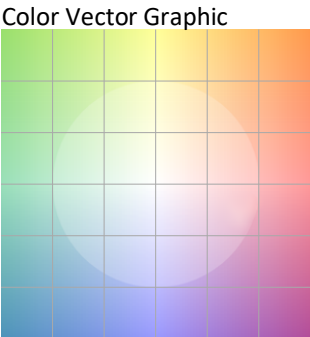
TM-30 Details

Rf 0.0

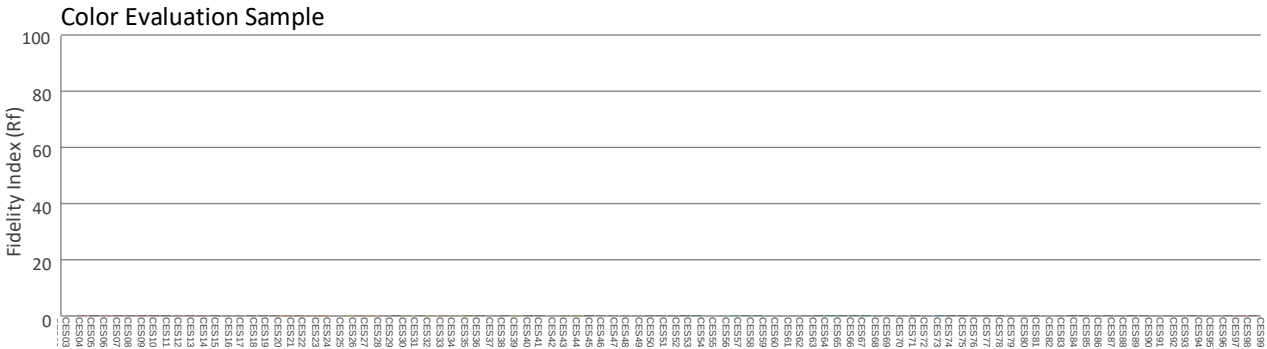
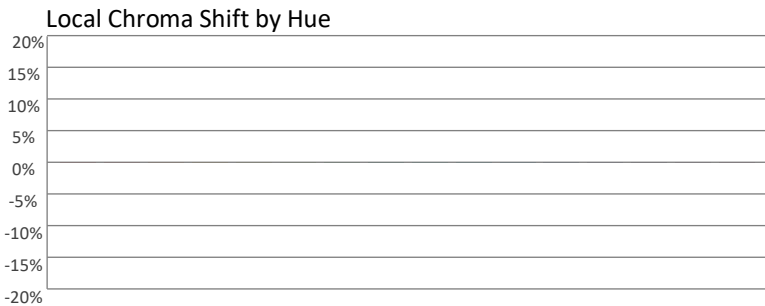
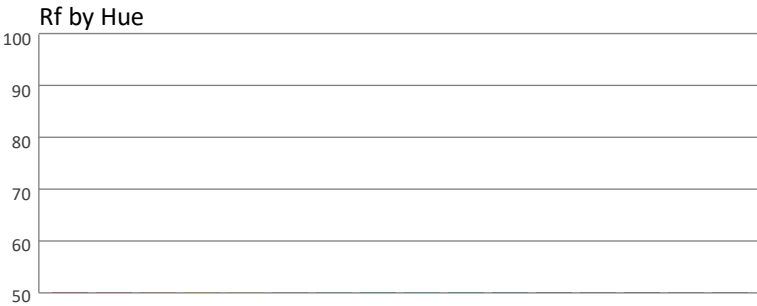
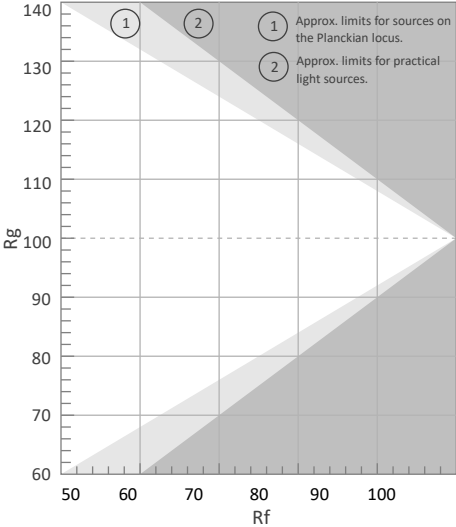
Fidelity Index
(Rg)

Rg 0.0

Gammut Index (Rg)



		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Contact Us

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

