

ROGUE

OUTCAST
3X WASH

PHOTOMETRICS REPORT



Table of Contents

Introduction.....	1
Testing Process.....	1
Total Illuminance Measurements	1
Testing Lab Equipment and Process	1
Photometrics & Chromaticity Reports	
Full Flood - Full Power - Cali On - Fan Auto WM - On	3
Report Summary	3
Overall Measurement.....	3
Beam Details.....	4
ISO Diagrams	5
Chromaticity.....	6
TM-30 Details	7
Full Flood - Full Power - Cali On - Fan ECO WM - On	8
Report Summary	8
Overall Measurement.....	8
Beam Details.....	9
ISO Diagrams	10
Chromaticity.....	11
TM-30 Details	12
Full Flood - Full Power - Cali On - Fan Full WM - On	13
Report Summary	13
Overall Measurement.....	13
Beam Details.....	14
ISO Diagrams	15
Chromaticity.....	16
TM-30 Details	17
Full Flood - Full Power - Cali OFF - Fan Auto.....	18
Report Summary	18
Overall Measurement.....	18
Beam Details.....	19
ISO Diagrams	20
Chromaticity.....	21
TM-30 Details	22
Full Flood - Full Power - Cali OFF - Fan ECO.....	23
Report Summary	23
Overall Measurement.....	23
Beam Details.....	24

ISO Diagrams	25
Chromaticity.....	26
TM-30 Details	27
Full Flood - Full Power - Cali OFF - Fan Full.....	28
Report Summary	28
Overall Measurement.....	28
Beam Details.....	29
ISO Diagrams	30
Chromaticity.....	31
TM-30 Details	32
Full Spot - Full Power - Cali On - Fan Auto - WM - On.....	33
Report Summary	33
Overall Measurement.....	33
Beam Details.....	34
ISO Diagrams	35
Chromaticity.....	36
TM-30 Details	37
Full Spot - Full Power - Cali On - Fan ECO - WM - On	38
Report Summary	38
Overall Measurement.....	38
Beam Details.....	39
ISO Diagrams	40
Chromaticity.....	41
TM-30 Details	42
Full Spot - Full Power - Cali On - Fan Full - WM - On	43
Report Summary	43
Overall Measurement.....	43
Beam Details.....	44
ISO Diagrams	45
Chromaticity.....	46
TM-30 Details	47
Full Spot - Full Power - Cali OFF - Fan Auto.....	48
Report Summary	48
Overall Measurement.....	48
Beam Details.....	49
ISO Diagrams	50
Chromaticity.....	51
TM-30 Details	52

Full Spot - Full Power - Cali OFF - Fan ECO	53
Report Summary	53
Overall Measurement.....	53
Beam Details.....	54
ISO Diagrams	55
Chromaticity.....	56
TM-30 Details	57
Full Spot - Full Power - Cali OFF - Fan Full	58
Report Summary	58
Overall Measurement.....	58
Beam Details.....	59
ISO Diagrams	60
Chromaticity.....	61
TM-30 Details	62
50% Zoom - Full Power - Cali On - Fan Auto	63
Report Summary	63
Overall Measurement.....	63
Beam Details.....	64
ISO Diagrams	65
Chromaticity.....	66
TM-30 Details	67
50% Zoom - Full Power - Cali On - Fan ECO	68
Report Summary	68
Overall Measurement.....	68
Beam Details.....	69
ISO Diagrams	70
Chromaticity.....	71
TM-30 Details	72
50% Zoom - Full Power - Cali On - Fan Full	73
Report Summary	73
Overall Measurement.....	73
Beam Details.....	74
ISO Diagrams	75
Chromaticity.....	76
TM-30 Details	77
50% Zoom - Full Power - Cali OFF - Fan Auto	78
Report Summary	78
Overall Measurement.....	78

Beam Details.....	79
ISO Diagrams	80
Chromaticity.....	81
TM-30 Details	82
50% Zoom - Full Power - Cali OFF - Fan ECO	83
Report Summary	83
Overall Measurement.....	83
Beam Details.....	84
ISO Diagrams	85
Chromaticity.....	86
TM-30 Details	87
50% Zoom - Full Power - Cali OFF - Fan Full	88
Report Summary	88
Overall Measurement.....	88
Beam Details.....	89
ISO Diagrams	90
Chromaticity.....	91
TM-30 Details	92
50% Zoom - Red	93
Report Summary	93
Overall Measurement.....	93
Beam Details.....	94
ISO Diagrams	95
Chromaticity.....	96
TM-30 Details	97
50% Zoom - Red - Cali On	98
Report Summary	98
Overall Measurement.....	98
Beam Details.....	99
ISO Diagrams	100
Chromaticity.....	101
TM-30 Details	102
50% Zoom - Green	103
Report Summary	103
Overall Measurement.....	103
Beam Details.....	104
ISO Diagrams	105
Chromaticity.....	106

TM-30 Details	107
50% Zoom - Green - Cali On	108
Report Summary	108
Overall Measurement.....	108
Beam Details.....	109
ISO Diagrams	110
Chromaticity.....	111
TM-30 Details	112
50% Zoom - Blue	113
Report Summary	113
Overall Measurement.....	113
Beam Details.....	114
ISO Diagrams	115
Chromaticity.....	116
TM-30 Details	117
50% Zoom - Blue - Cali On.....	118
Report Summary	118
Overall Measurement.....	118
Beam Details.....	119
ISO Diagrams	120
Chromaticity.....	121
TM-30 Details	122
50% Zoom - White	123
Report Summary	123
Overall Measurement.....	123
Beam Details.....	124
ISO Diagrams	125
Chromaticity.....	126
TM-30 Details	127
50% Zoom - White - Cali On.....	128
Report Summary	128
Overall Measurement.....	128
Beam Details.....	129
ISO Diagrams	130
Chromaticity.....	131
TM-30 Details	132
50% Zoom - 3200K.....	133
Report Summary	133

Overall Measurement.....	133
Beam Details.....	134
ISO Diagrams	135
Chromaticity.....	136
TM-30 Details	137
50% Zoom - 4000K.....	138
Report Summary	138
Overall Measurement.....	138
Beam Details.....	139
ISO Diagrams	140
Chromaticity.....	141
TM-30 Details	142
50% Zoom - 5600K.....	143
Report Summary	143
Overall Measurement.....	143
Beam Details.....	144
ISO Diagrams	145
Chromaticity.....	146
TM-30 Details	147
Contact_Us	148

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.

ROGUE



Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Auto WM - On

Report Summary

Measurements

Fixture Output: 11018 lm
Fixture Peak: 35666 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 1427 lux
Color Temperature: 7549 K
CRI: 69.1 CRI R9 Value: -45.5
CQS: 82.8
TLCI: 54
TM-30 Rf: 76.1
TM-30 Rg: 119.5
Beam Angle (50%): 32.5°
Field Angle (10%): 49.4°
Cutoff Angle (3%): 63.5°

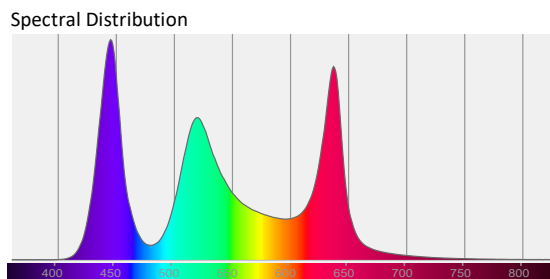
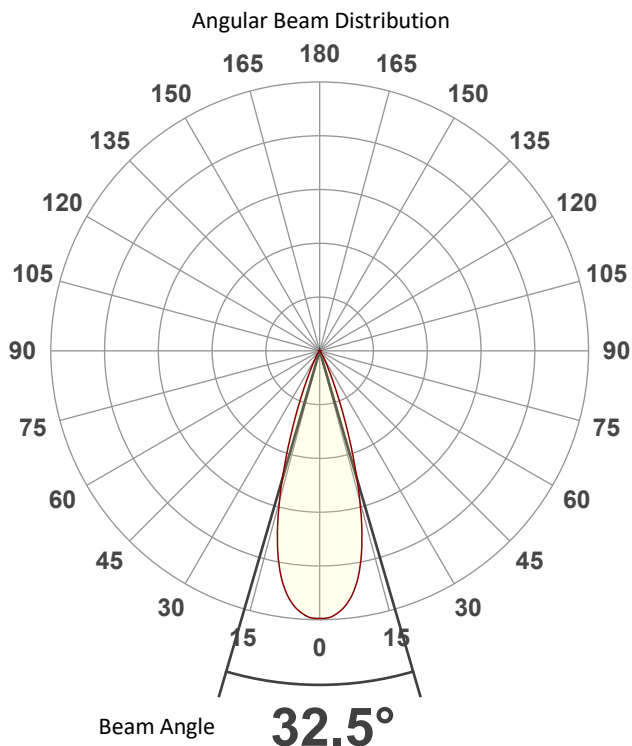


Conditions

AC Supply: 111 V, 60 Hz
Power: 419.49 W
Current: 3.79 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.300
Y: 0.308

Light Quality
CRI: 69.1

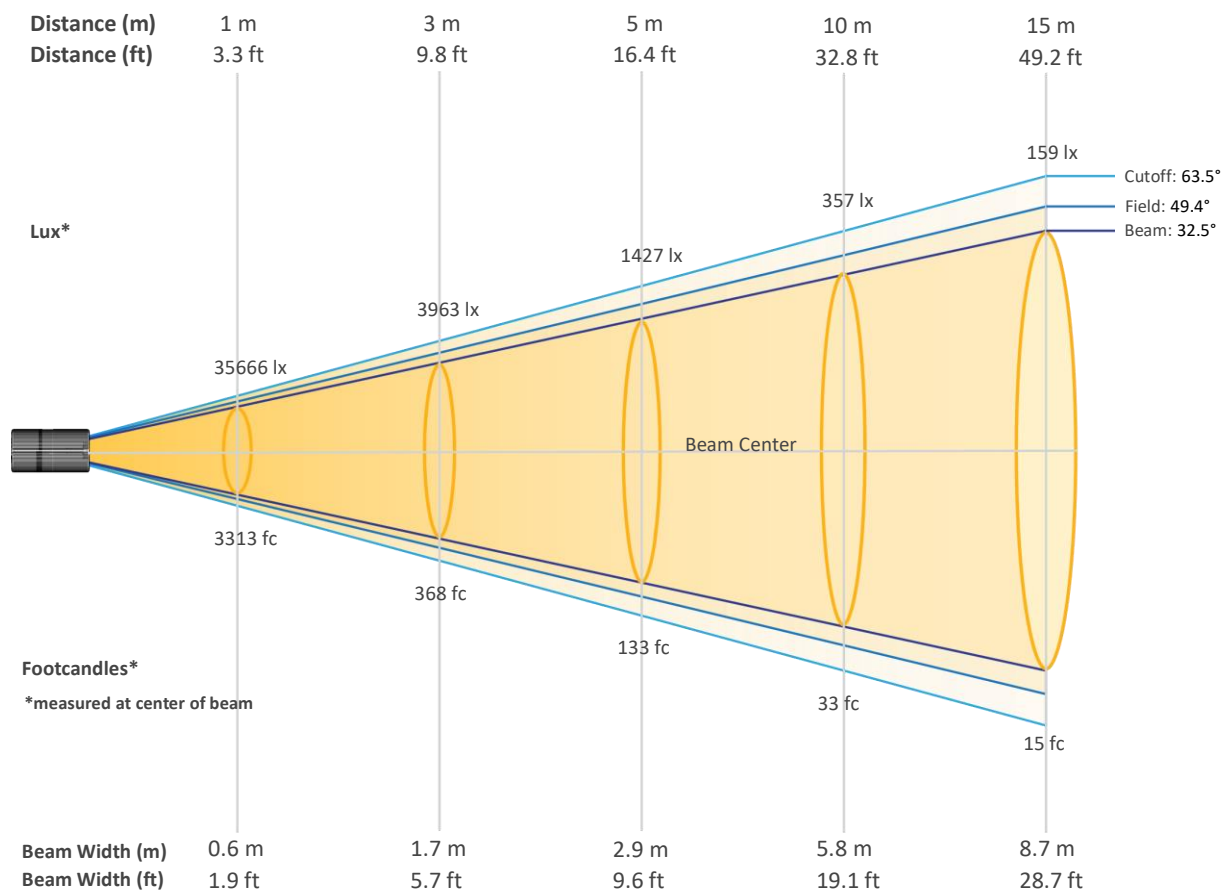
Color Temperature
7549 K



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Auto WM - On

Beam Details

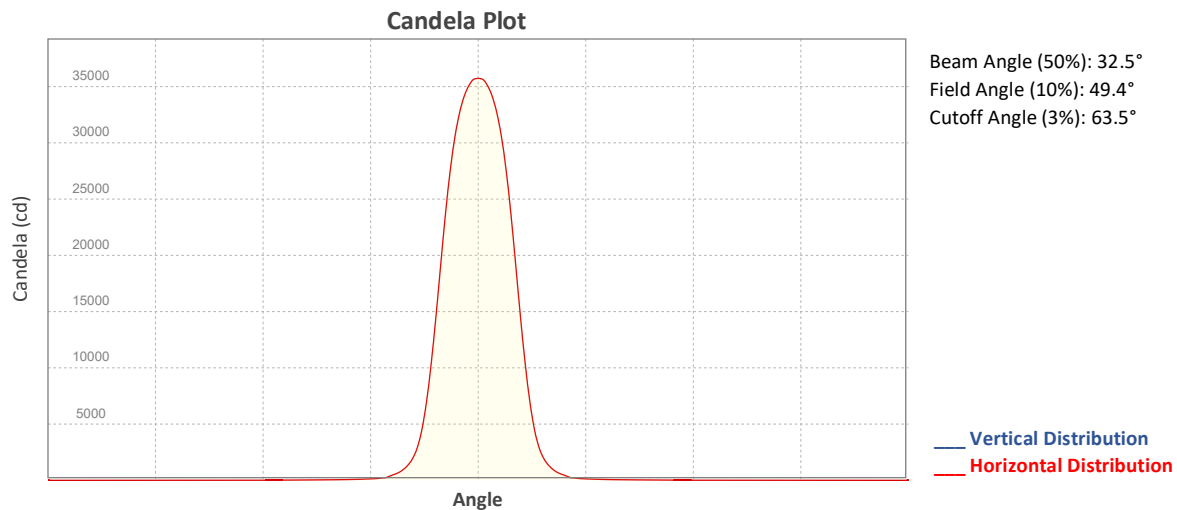


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35666	8916	3963	2229	1427	991	728	557	440	357
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	295	248	211	182	159	139	123	110	99	89
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3313	828	368	207	133	92	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	27	23	20	17	15	13	11	10	9	8

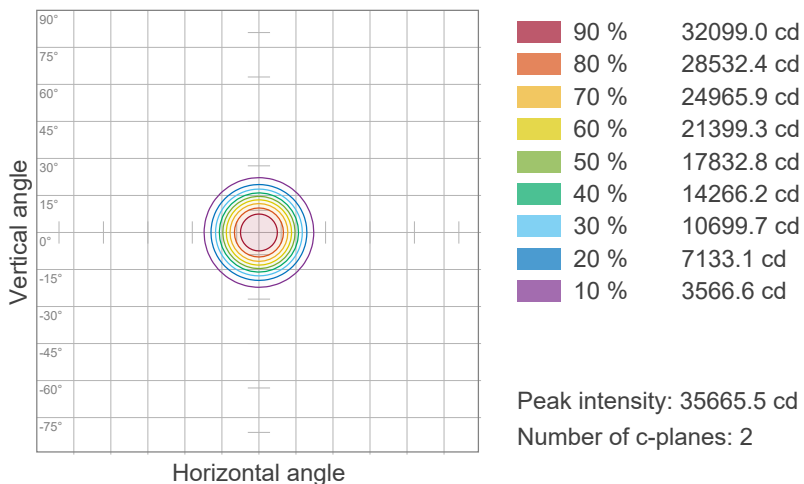
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Auto WM - On

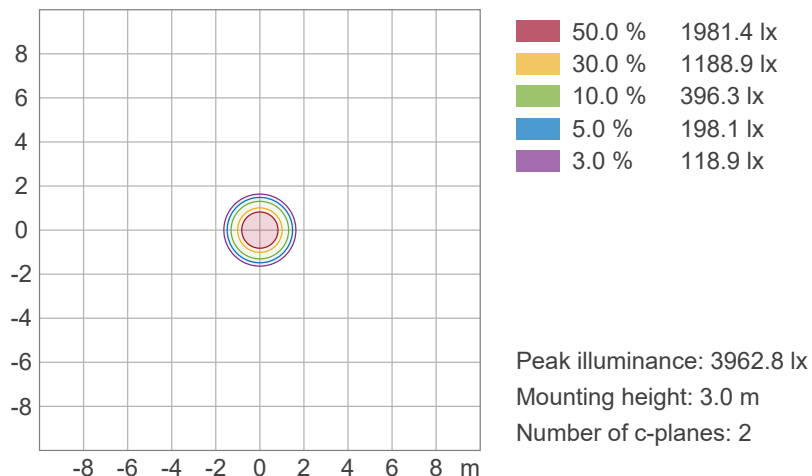


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

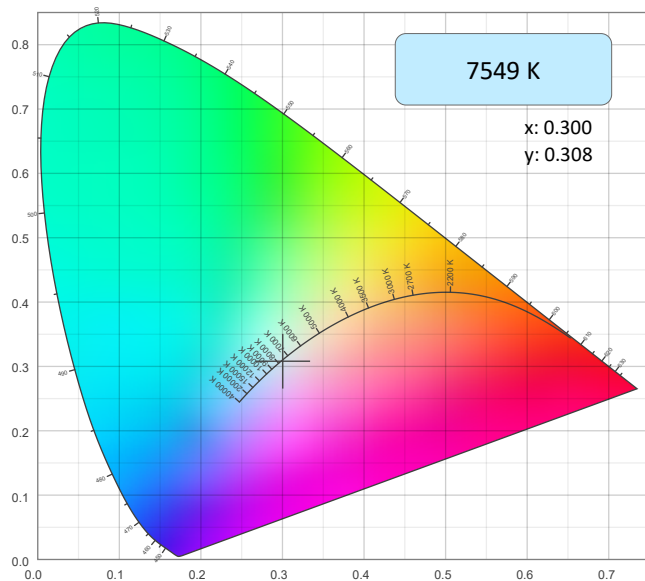


Photometric & Chromaticity Report

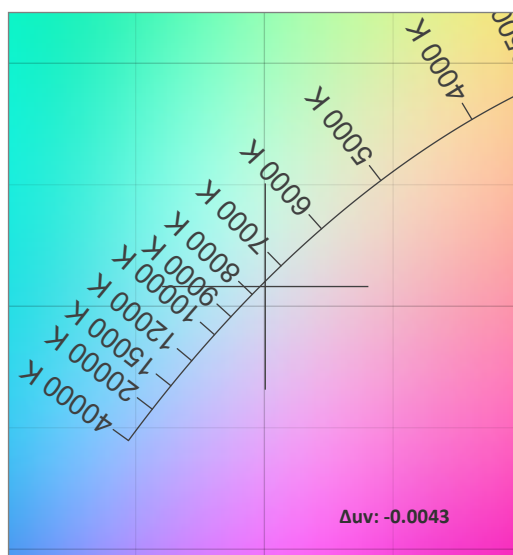
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Auto WM - On

Chromaticity

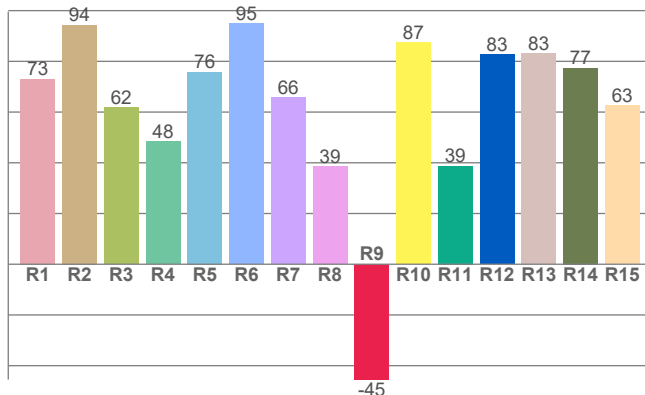
CIE 1931



CIE 1931 - Zoom



CRI: 69.1 (R1-R8)

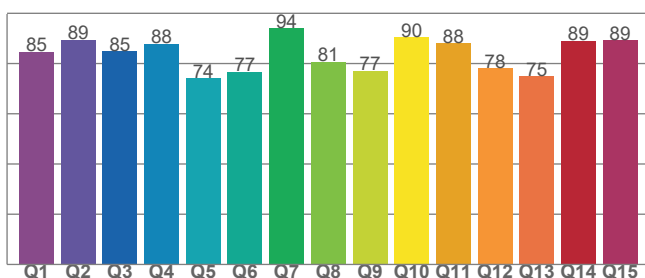


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7549 K	0.300	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0043	0.308	0.197

CQS: 82.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.1	-45.5	82.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
54	76.1	119.5



Photometric & Chromaticity Report

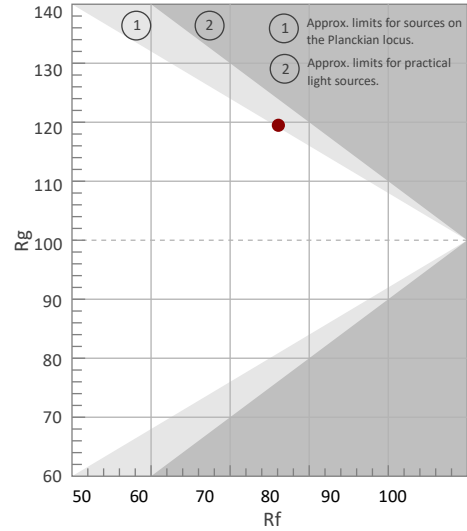
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Auto WM - On

TM-30 Details

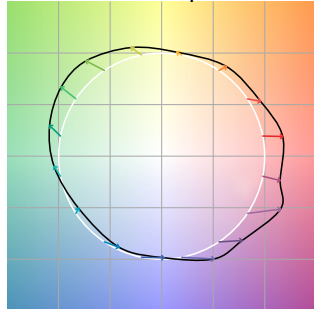
Rf 76.1
Fidelity Index (Rg)

Rg 119.5
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	64	19%	-4%
2	75	9%	-9%
3	85	7%	-4%
4	89	2%	5%
5	79	9%	8%
6	71	18%	10%
7	72	18%	-1%
8	75	12%	-8%
9	86	4%	-11%
10	89	-5%	-3%
11	71	-4%	15%
12	72	-4%	21%
13	69	8%	30%
14	65	11%	19%
15	63	24%	21%
16	68	17%	-1%



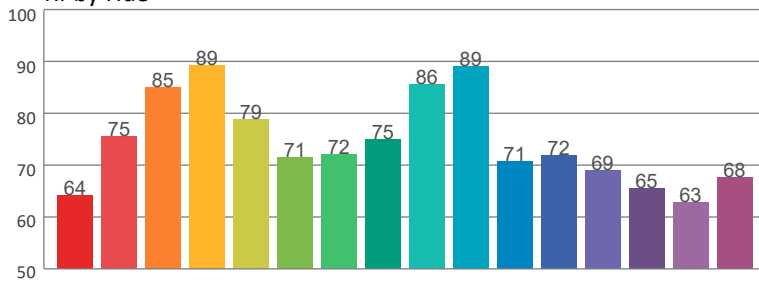
Color Vector Graphic



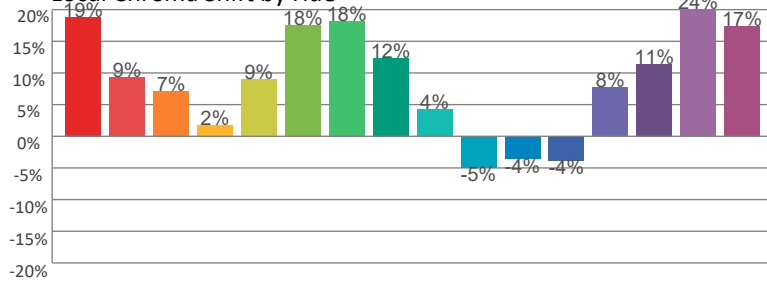
Color Distortion Graphic



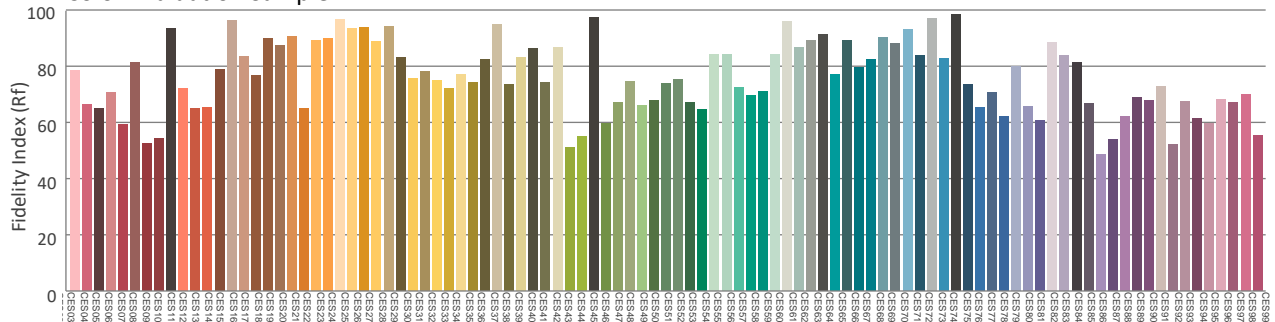
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan ECO WM - On

Report Summary

Measurements

Fixture Output: 11274 lm
Fixture Peak: 36454 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 1458 lux
Color Temperature: 7393 K
CRI: 68.0 CRI R9 Value: -49.8
CQS: 82.2
TLCI: 51
TM-30 Rf: 75.4
TM-30 Rg: 120.5
Beam Angle (50%): 32.5°
Field Angle (10%): 49.4°
Cutoff Angle (3%): 63.4°

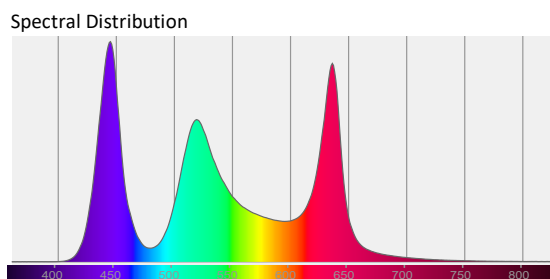
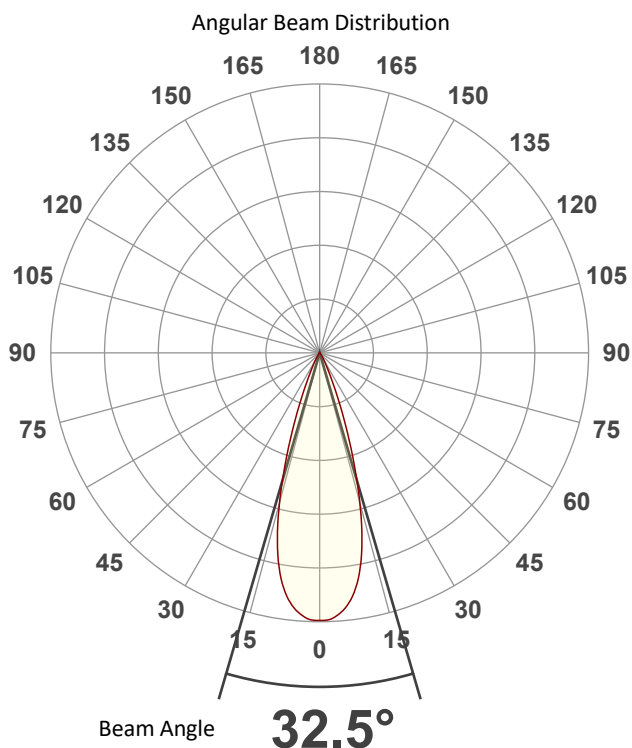


Conditions

AC Supply: 111 V, 60.1 Hz
Power: 425.73 W
Current: 3.84 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

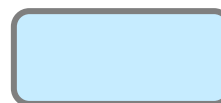
Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.308



Light Quality

CRI: 68.0

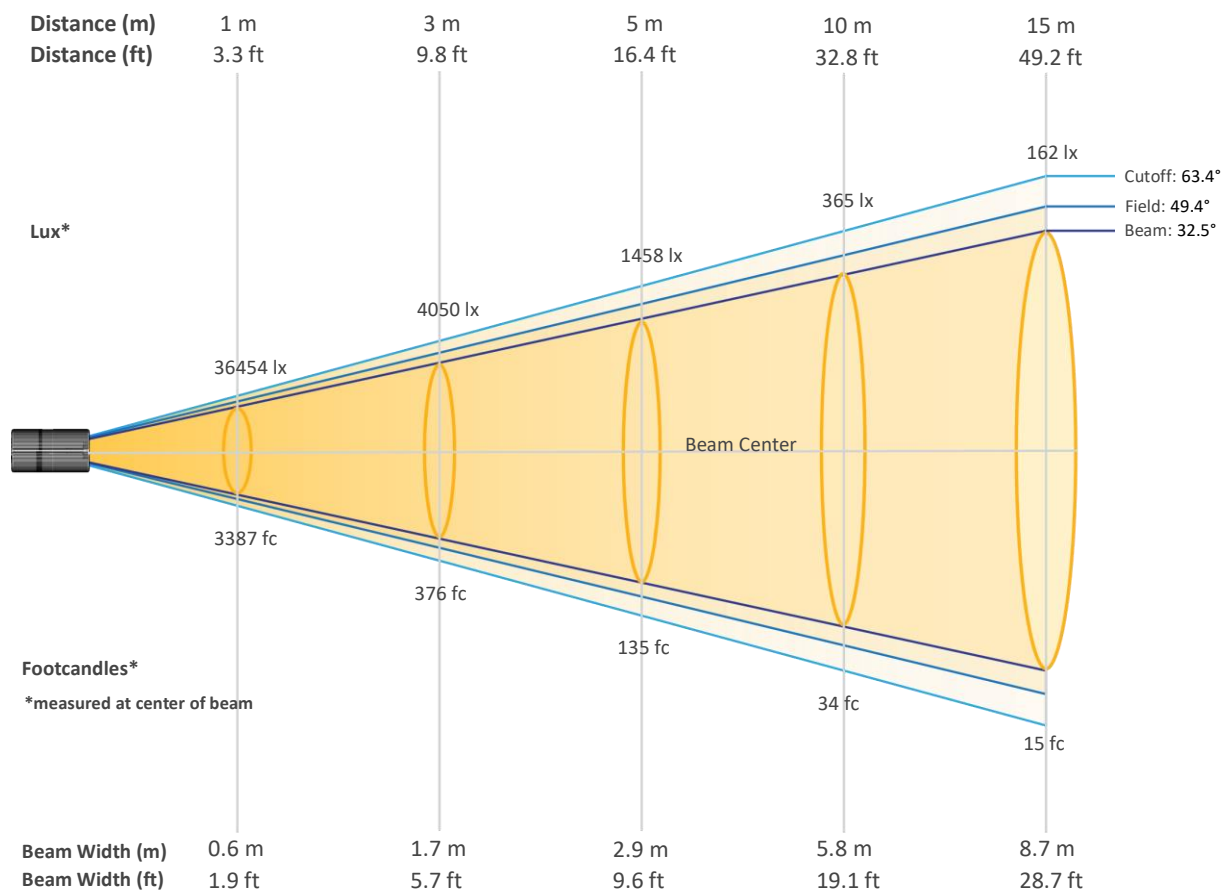
Color Temperature

7393 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan ECO WM - On

Beam Details

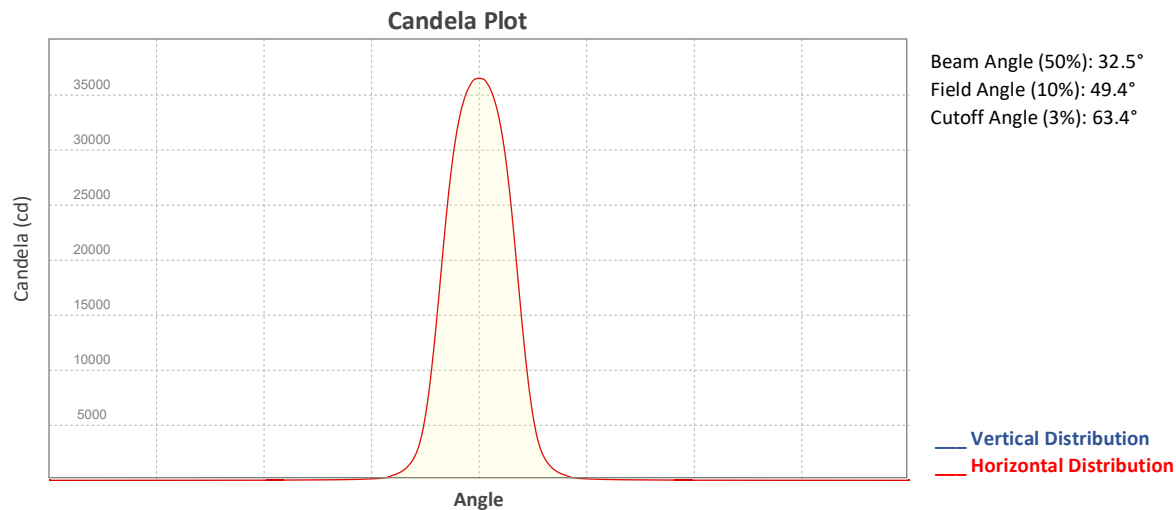


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	36454	9113	4050	2278	1458	1013	744	570	450	365
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	301	253	216	186	162	142	126	113	101	91
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3387	847	376	212	135	94	69	53	42	34
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	24	20	17	15	13	12	10	9	8

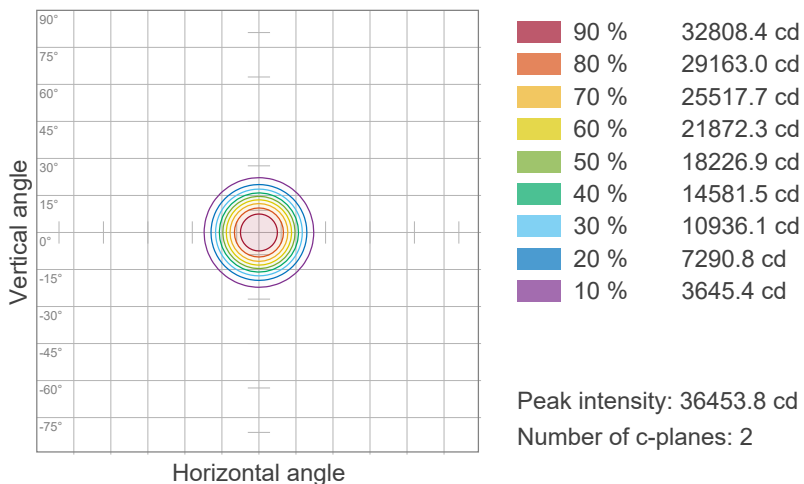
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan ECO WM - On

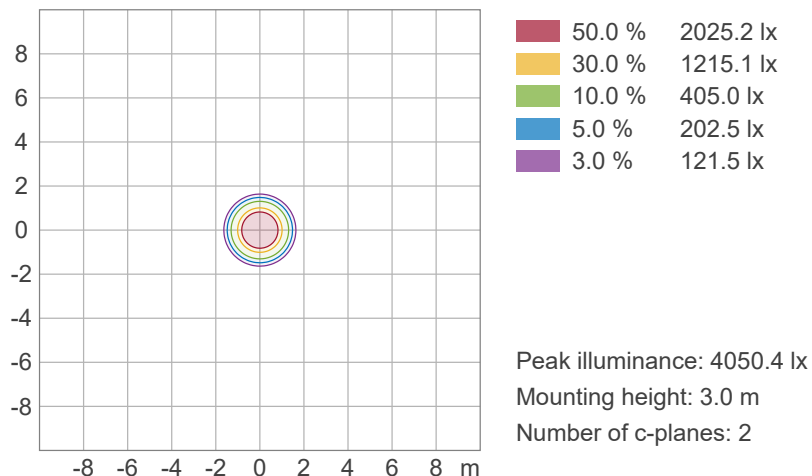


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

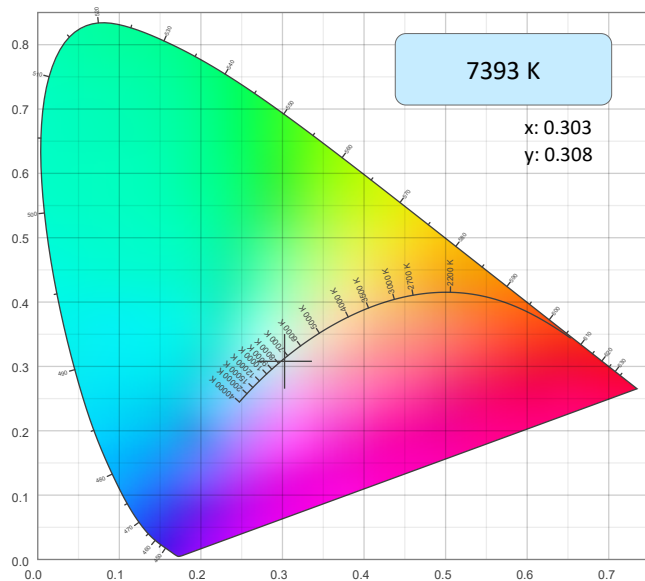


Photometric & Chromaticity Report

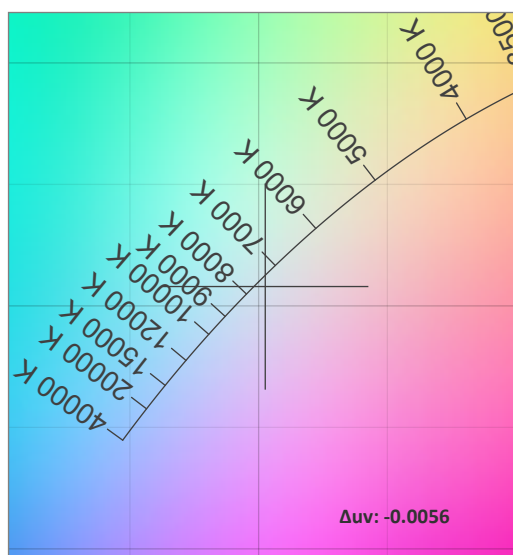
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan ECO WM - On

Chromaticity

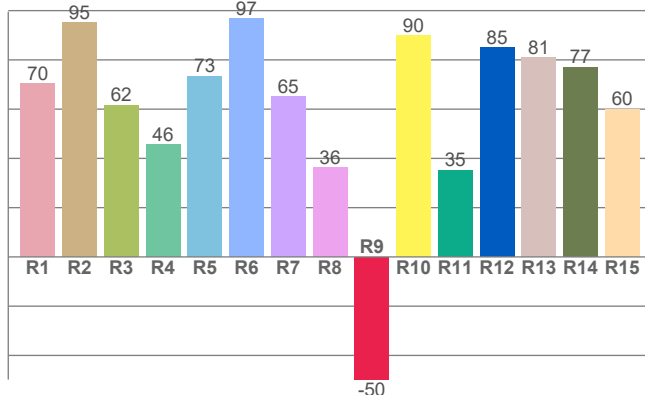
CIE 1931



CIE 1931 - Zoom



CRI: 68.0 (R1-R8)

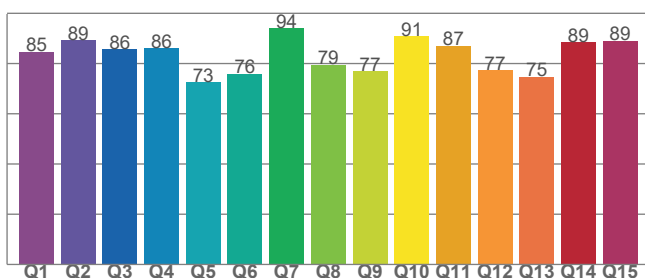


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7393 K	0.303	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0056	0.308	0.199

CQS: 82.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.0	-49.8	82.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	75.4	120.5



Photometric & Chromaticity Report

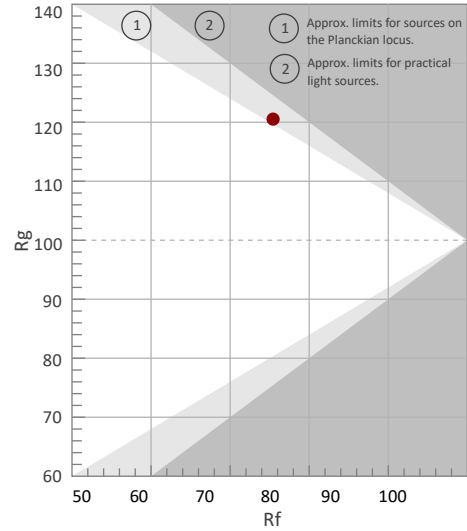
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan ECO WM - On

TM-30 Details

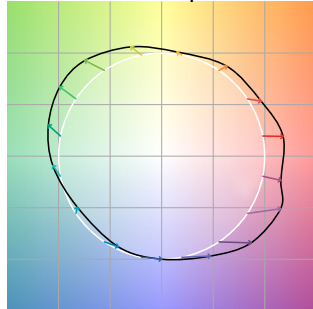
Rf 75.4
Fidelity Index
(Rg)

Rg 120.5
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	63	19%	-4%
2	74	10%	-9%
3	84	8%	-4%
4	89	2%	5%
5	78	10%	9%
6	70	18%	10%
7	71	19%	-1%
8	73	14%	-8%
9	84	5%	-12%
10	89	-5%	-4%
11	72	-4%	14%
12	70	-2%	19%
13	70	4%	28%
14	68	18%	25%
15	62	24%	22%
16	67	18%	0%



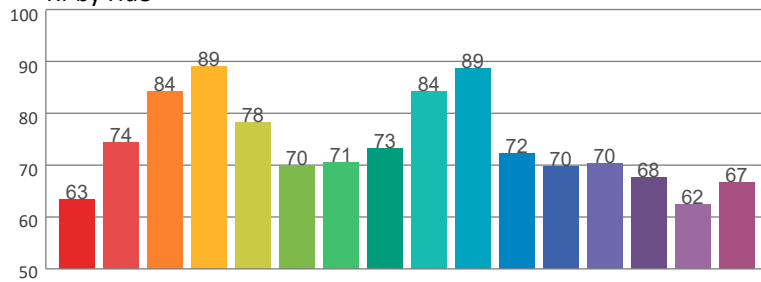
Color Vector Graphic



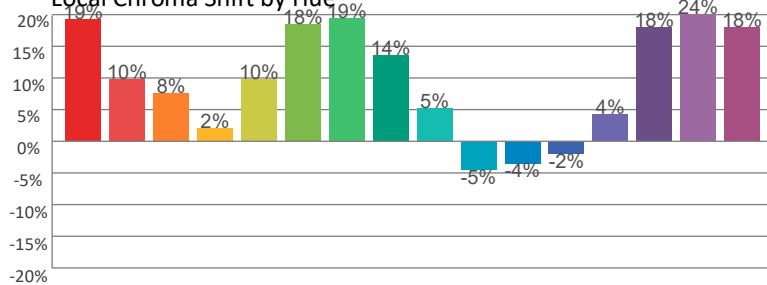
Color Distortion Graphic



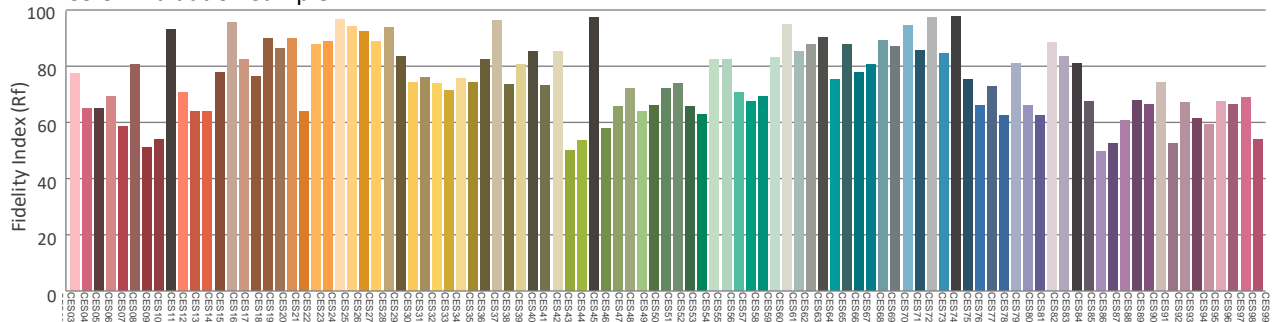
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Full WM - On

Report Summary

Measurements

Fixture Output: 11146 lm
Fixture Peak: 36113 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 1445 lux
Color Temperature: 7456 K
CRI: 68.5 CRI R9 Value: -48.2
CQS: 82.5
TLCI: 52
TM-30 Rf: 75.7
TM-30 Rg: 120.0
Beam Angle (50%): 32.5°
Field Angle (10%): 49.4°
Cutoff Angle (3%): 63.4°

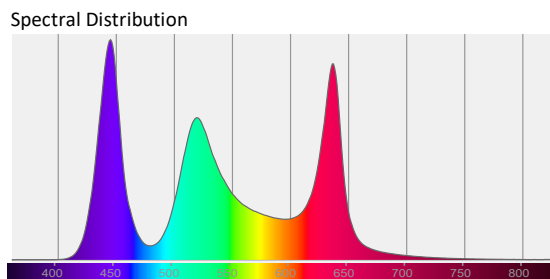
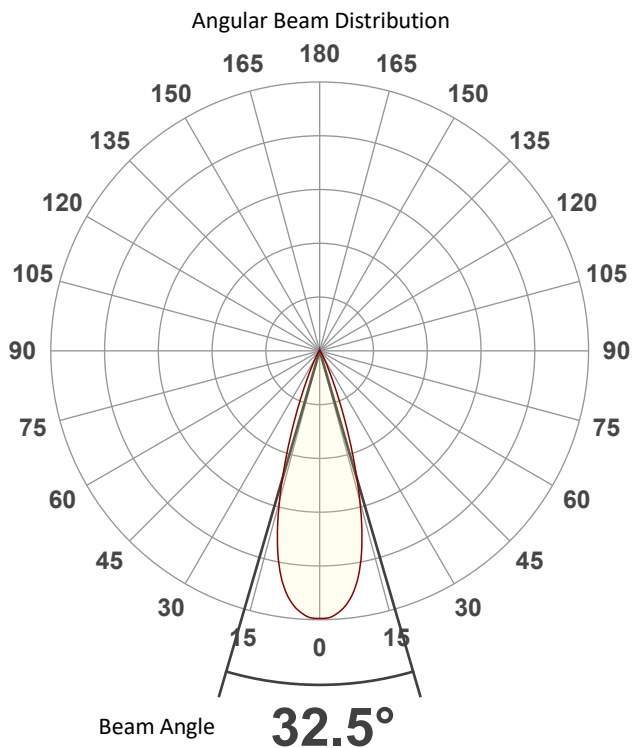


Conditions

AC Supply: 110 V, 60.1 Hz
Power: 423.52 W
Current: 3.84 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.302
Y: 0.308

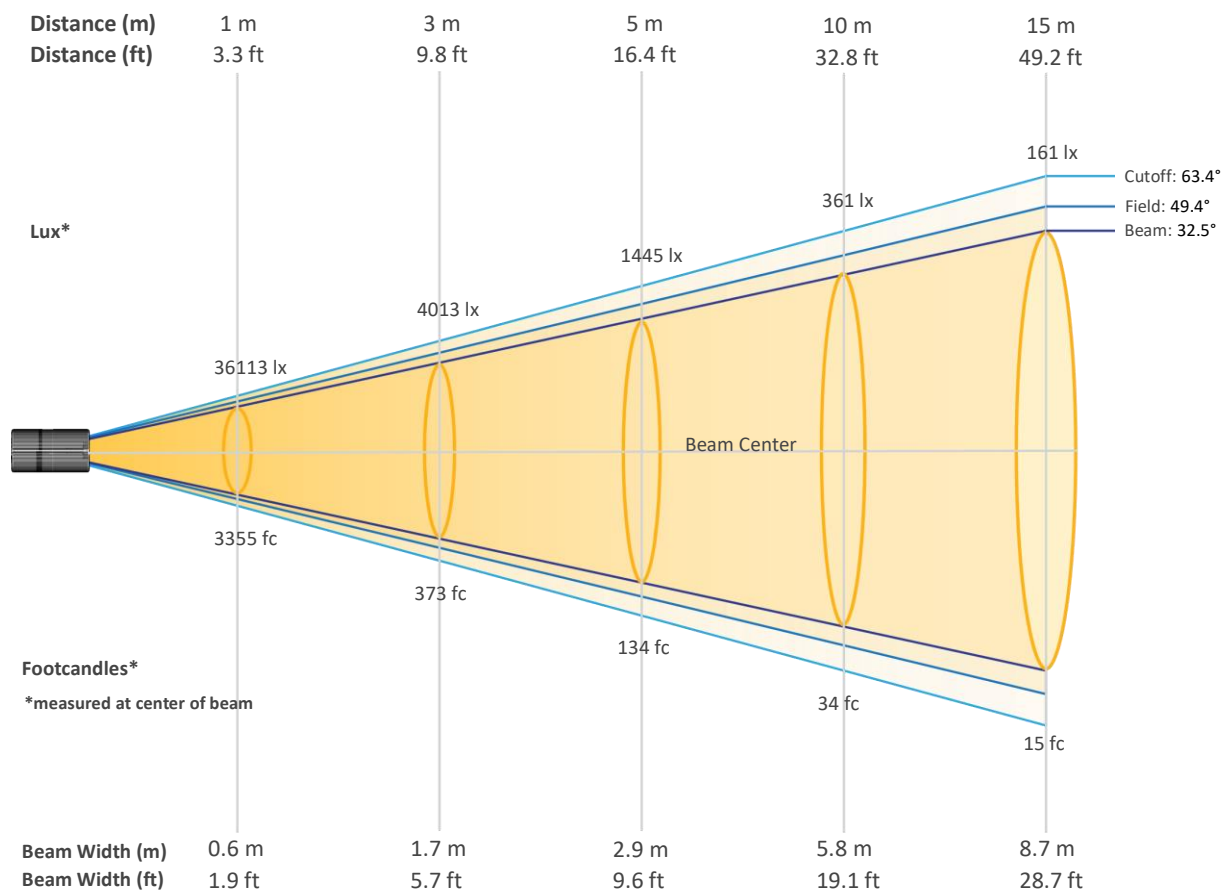
Light Quality
CRI: 68.5

Color Temperature
7456 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Full WM - On

Beam Details

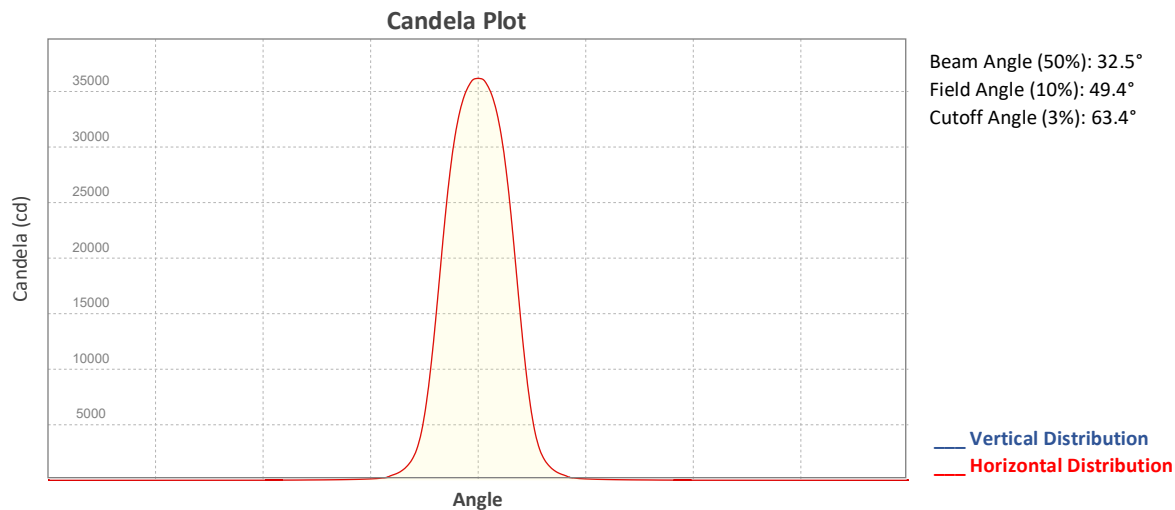


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	36113	9028	4013	2257	1445	1003	737	564	446	361
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	298	251	214	184	161	141	125	111	100	90
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3355	839	373	210	134	93	68	52	41	34
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	23	20	17	15	13	12	10	9	8

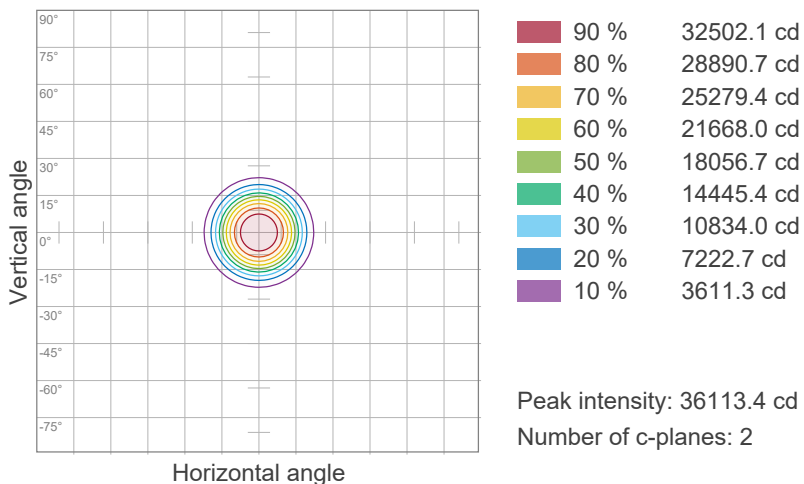
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Full WM - On

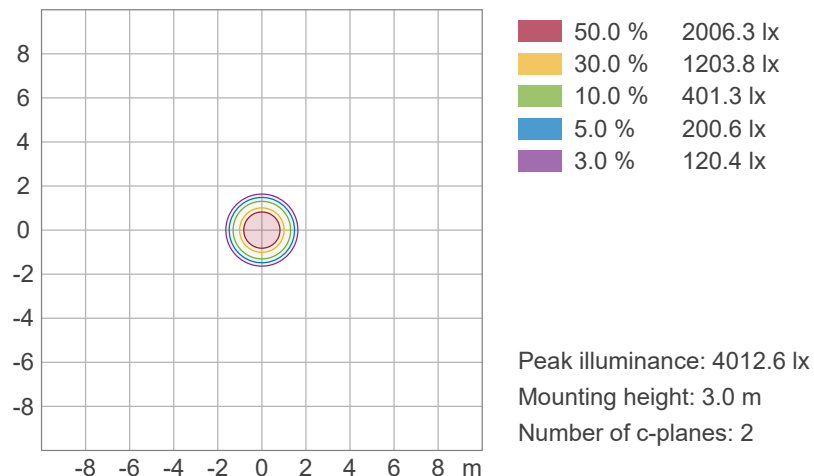


ISO Diagrams

ISO Candela Diagram



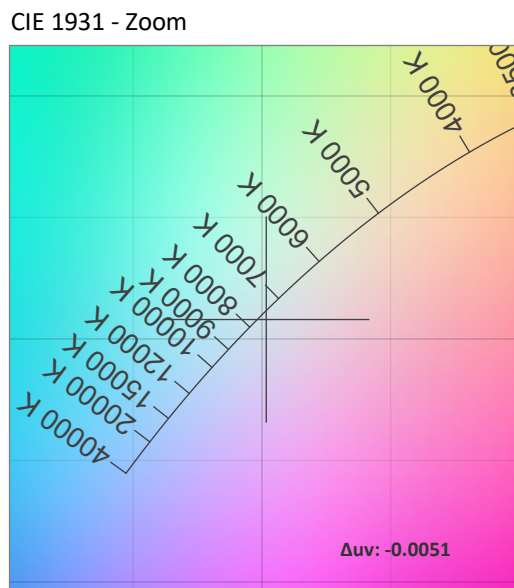
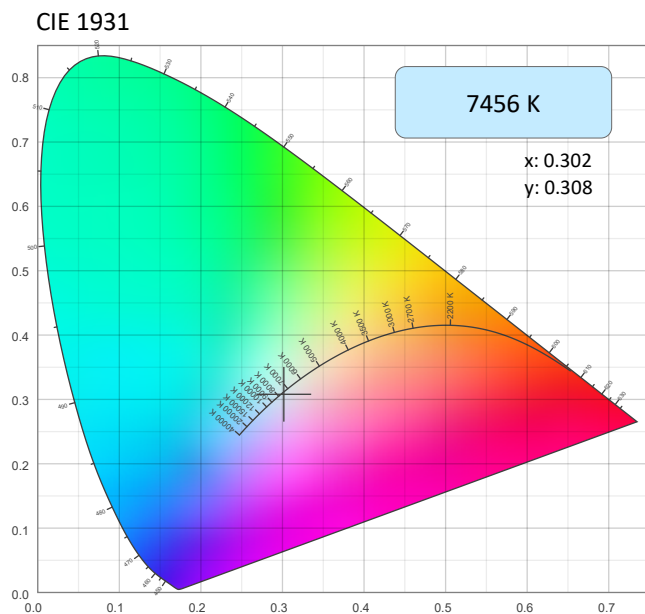
ISO Lux Diagram



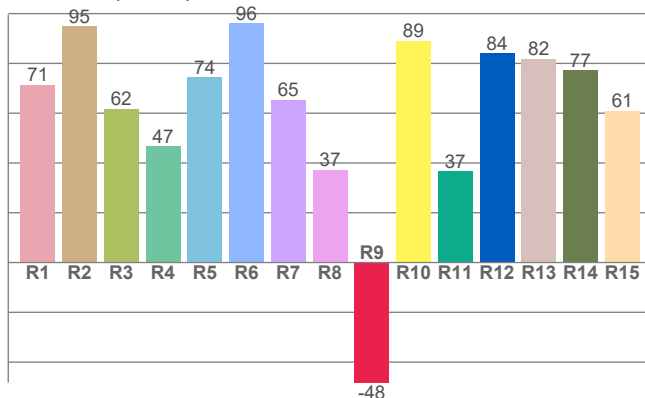
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Full WM - On

Chromaticity



CRI: 68.5 (R1-R8)

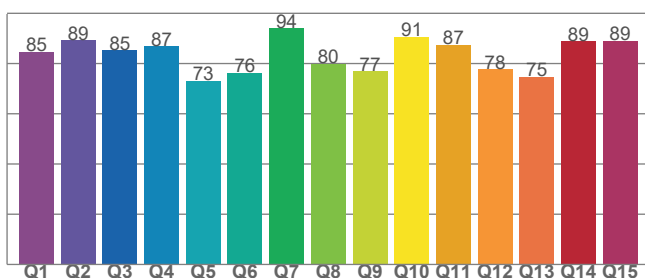


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7456 K	0.302	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0051	0.308	0.198

CQS: 82.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.5	-48.2	82.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
52	75.7	120.0



Photometric & Chromaticity Report

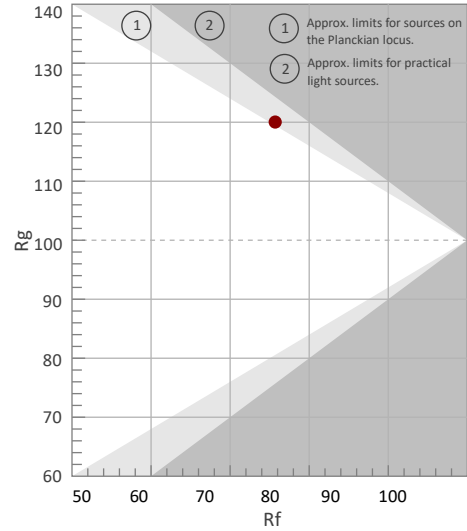
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali On - Fan Full WM - On

TM-30 Details

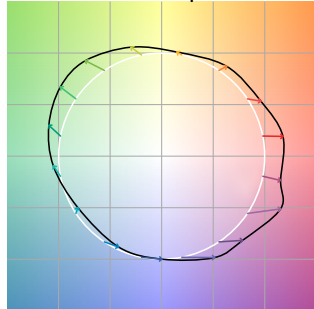
Rf 75.7
Fidelity Index
(Rg)

Rg 120.0
Gammut Index (Rg)

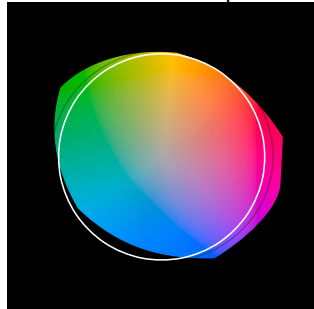
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	64	19%	-4%
2	75	10%	-9%
3	85	7%	-4%
4	89	2%	5%
5	78	9%	9%
6	71	18%	10%
7	71	19%	-1%
8	74	13%	-8%
9	85	5%	-11%
10	89	-5%	-4%
11	72	-4%	14%
12	69	-2%	20%
13	71	6%	31%
14	65	12%	20%
15	62	24%	22%
16	67	18%	-1%



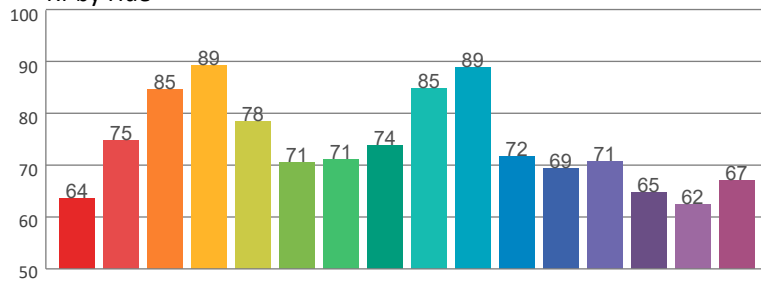
Color Vector Graphic



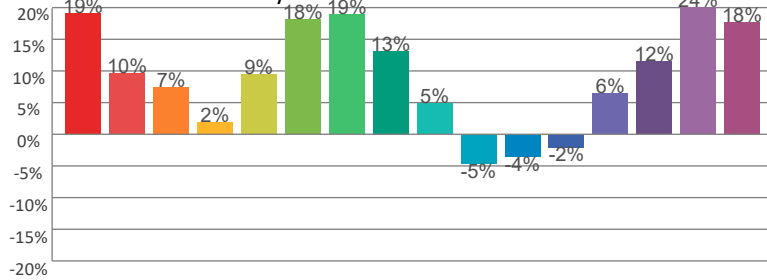
Color Distortion Graphic



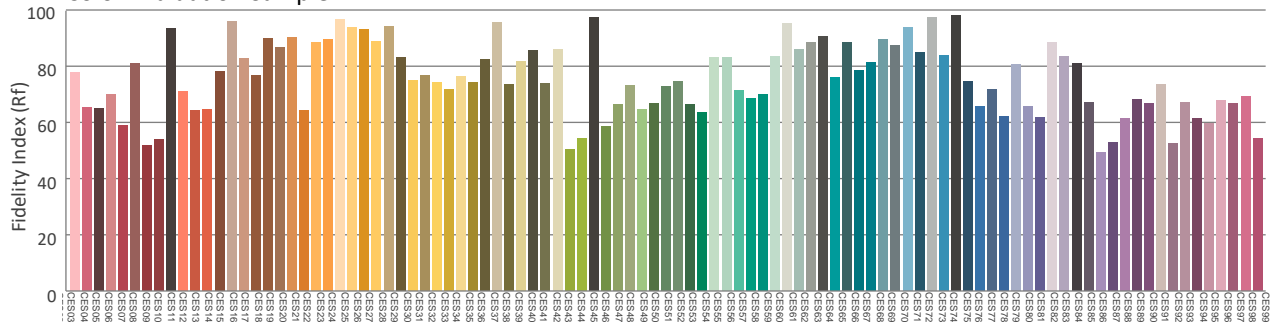
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Auto

Report Summary

Measurements

Fixture Output: 12350 lm
Fixture Peak: 40285 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 1611 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%): 32.3°
Field Angle (10%): 49.1°
Cutoff Angle (3%): 63.4°

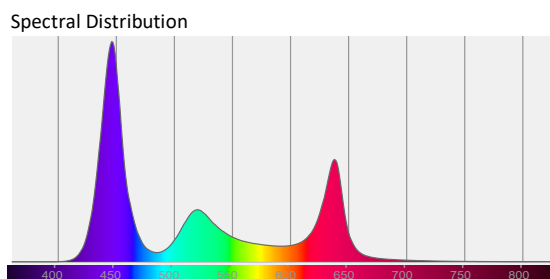
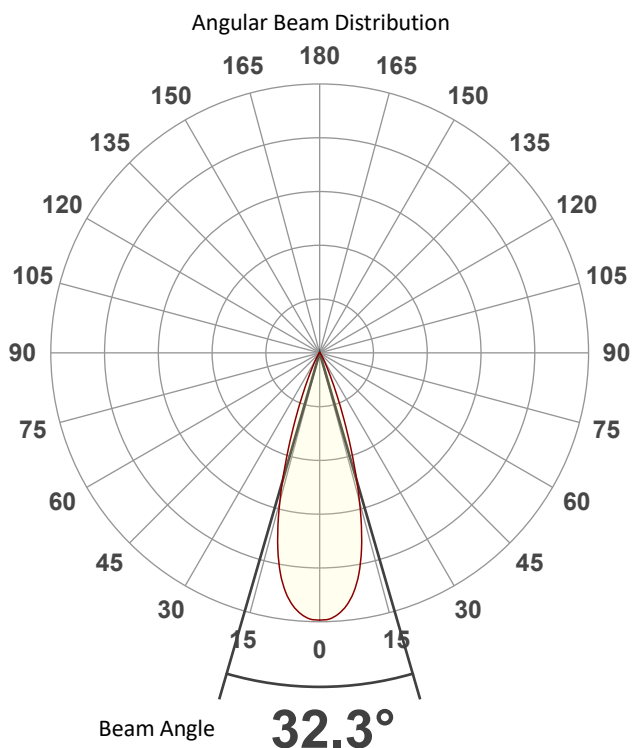


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 573.51 W
Current: 5.28 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.256

Y: 0.191



Light Quality

CRI: 0.0

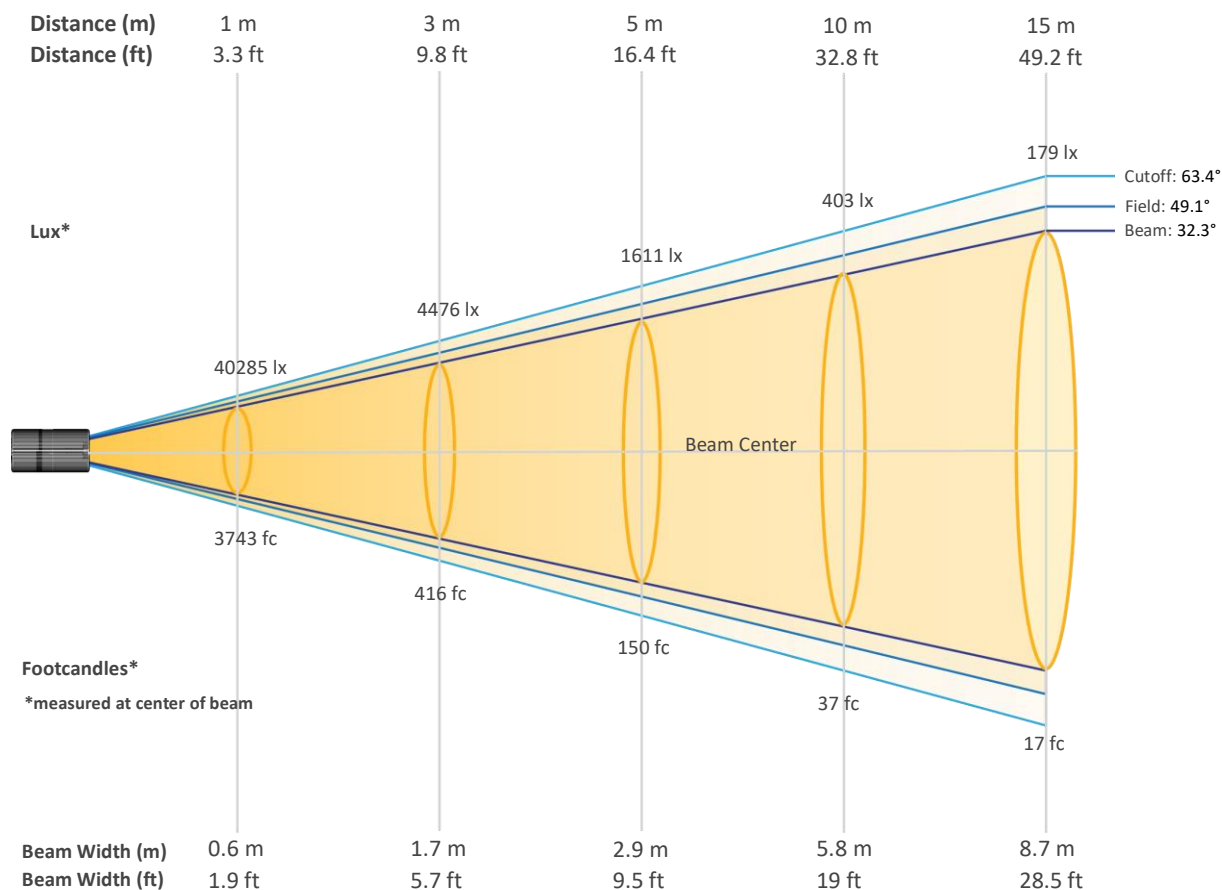
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Auto

Beam Details

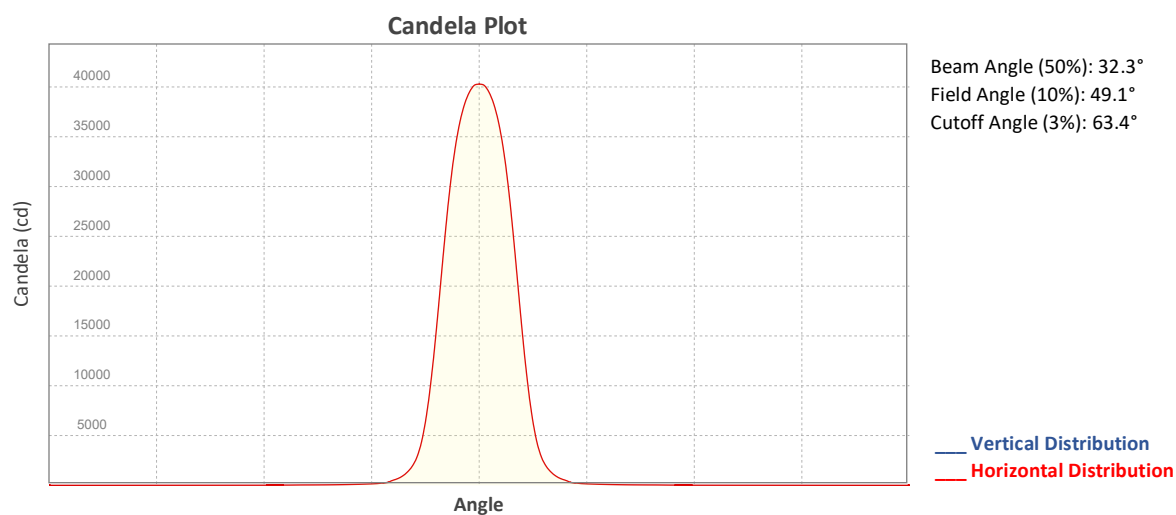


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	40285	10071	4476	2518	1611	1119	822	629	497	403
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	333	280	238	206	179	157	139	124	112	101
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3743	936	416	234	150	104	76	58	46	37
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	17	15	13	12	10	9

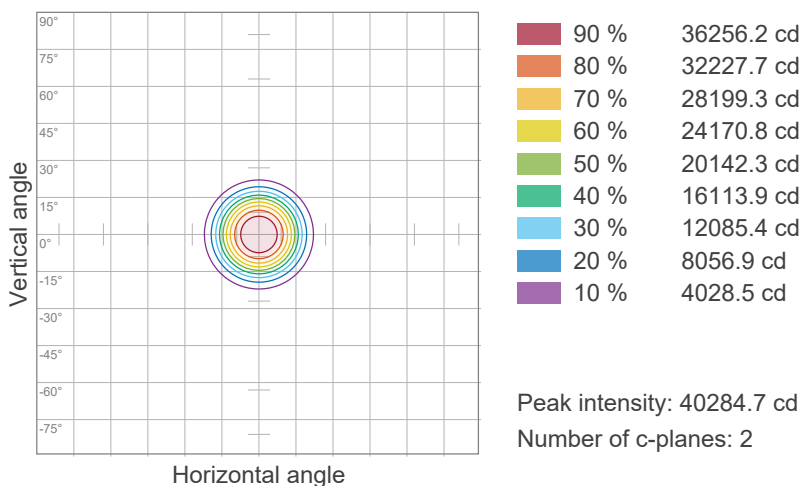
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Auto

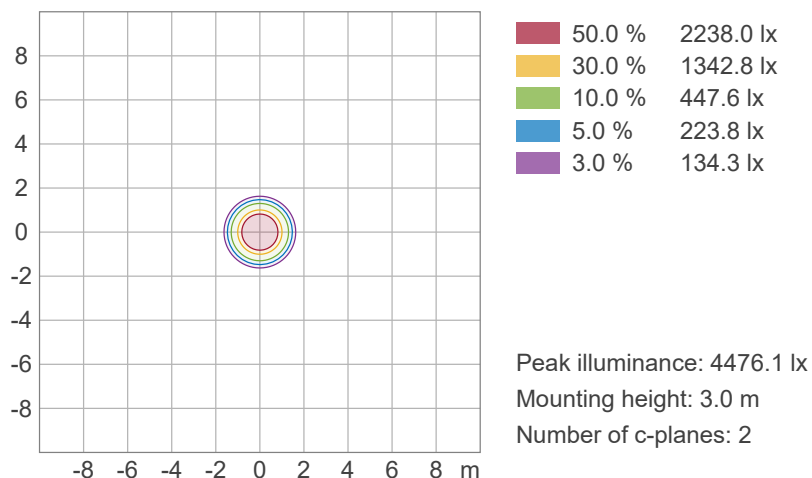


ISO Diagrams

ISO Candela Diagram



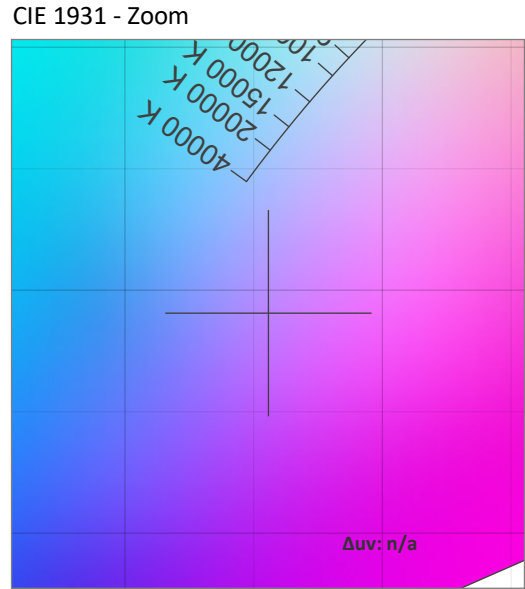
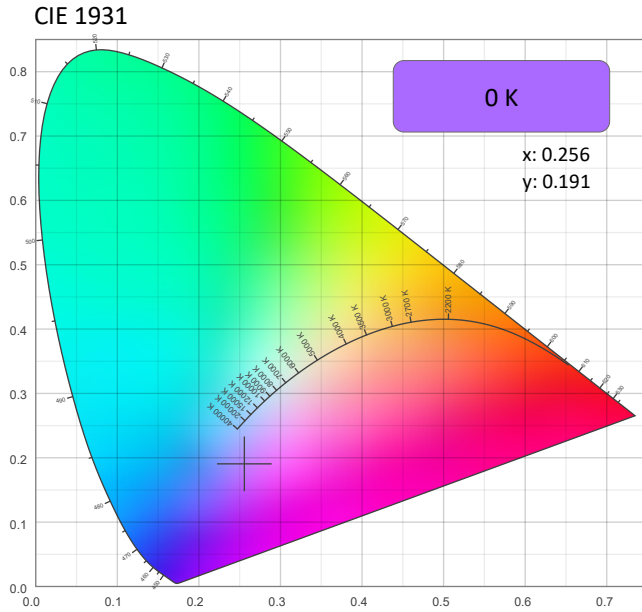
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Auto

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.256	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.214

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

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



Photometric & Chromaticity Report

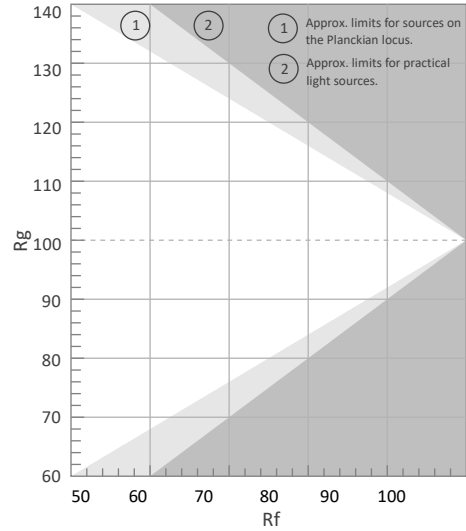
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Auto

TM-30 Details

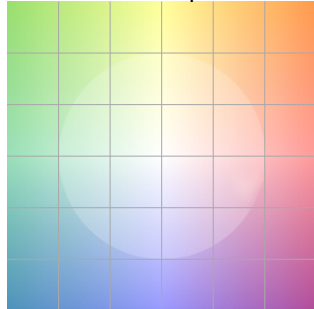
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

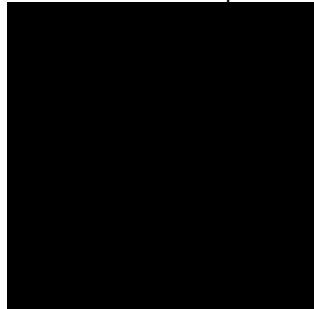
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



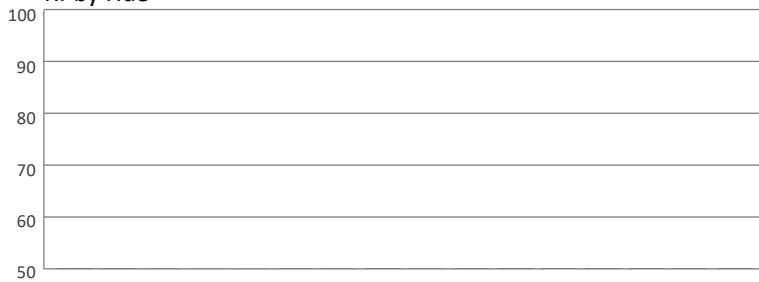
Color Vector Graphic



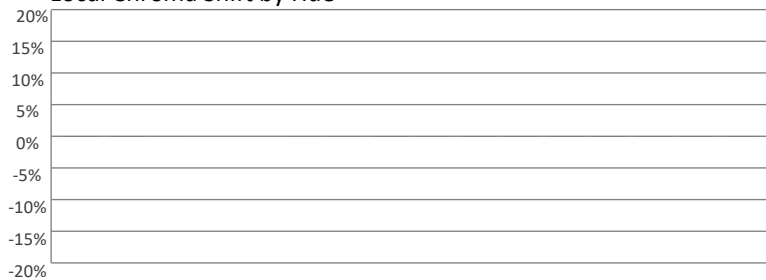
Color Distortion Graphic



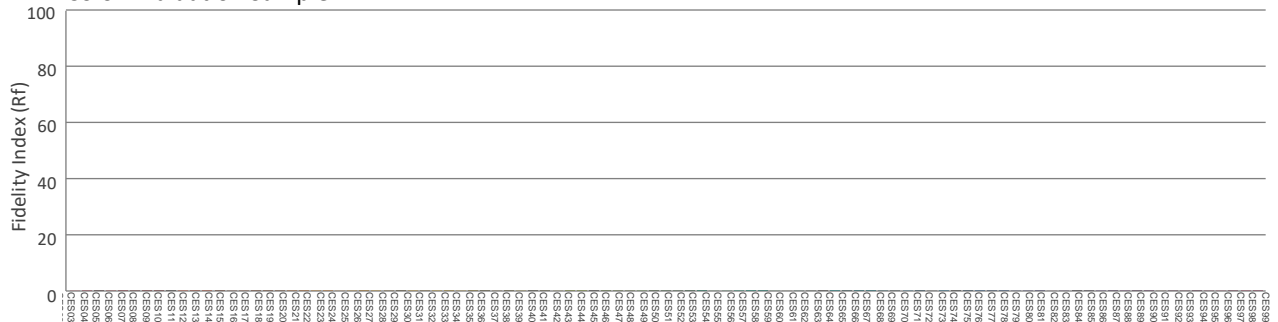
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan ECO

Report Summary

Measurements

Fixture Output: 12569 lm
Fixture Peak: 40879 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 1635 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%): 32.4°
Field Angle (10%): 49.3°
Cutoff Angle (3%): 63.3°

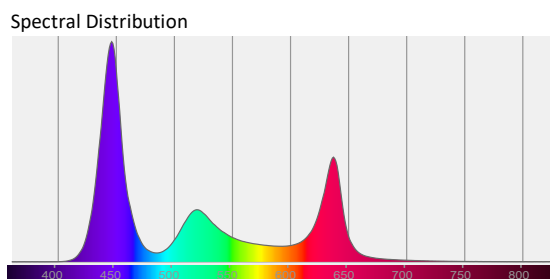
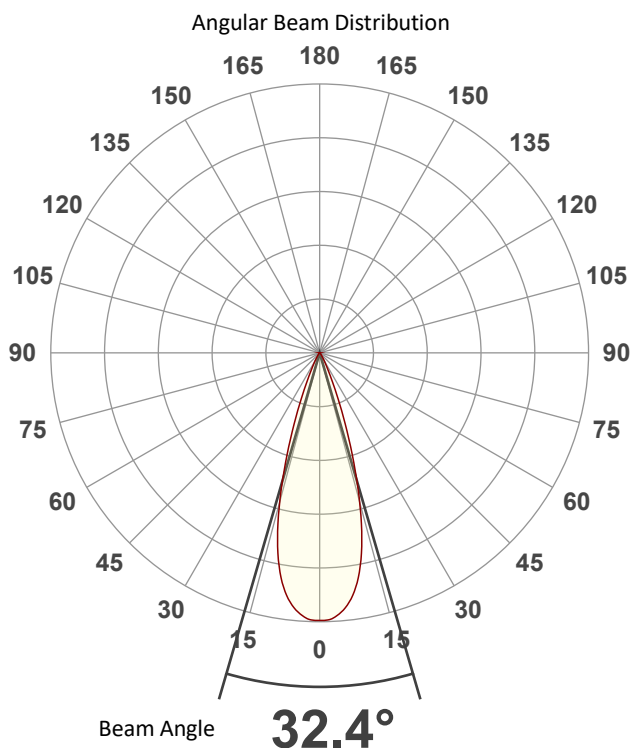


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 577.35 W
Current: 5.30 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.258

Y: 0.191



Light Quality

CRI: 0.0

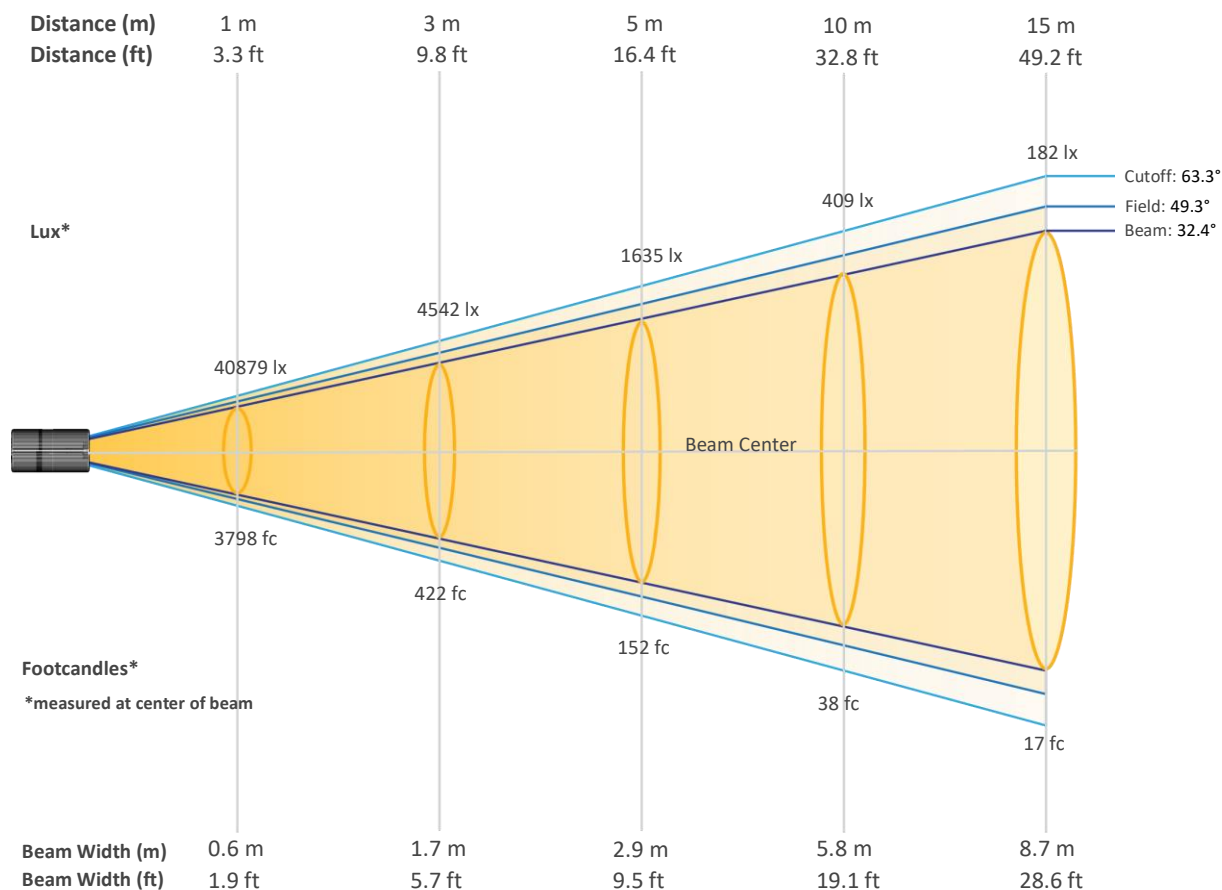
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan ECO

Beam Details

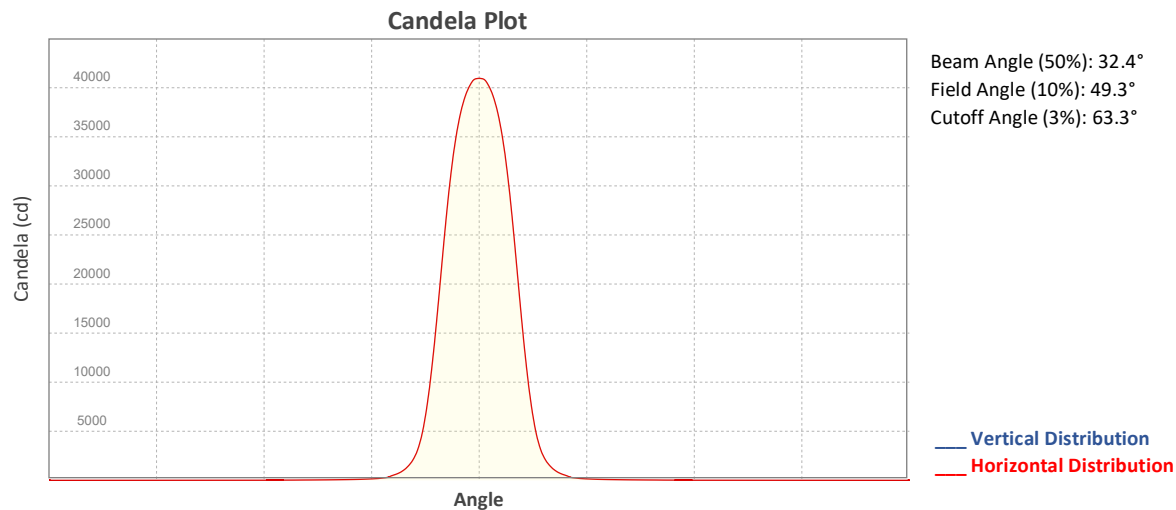


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	40879	10220	4542	2555	1635	1136	834	639	505	409
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	338	284	242	209	182	160	141	126	113	102
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3798	949	422	237	152	105	78	59	47	38
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	17	15	13	12	11	9

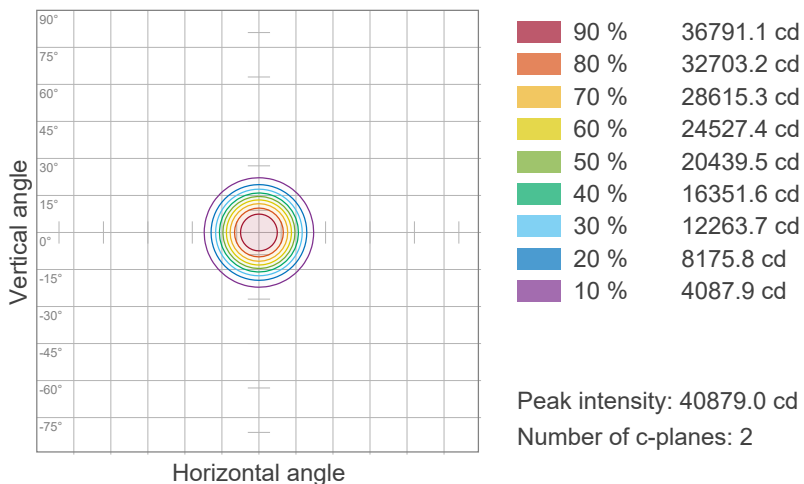
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan ECO

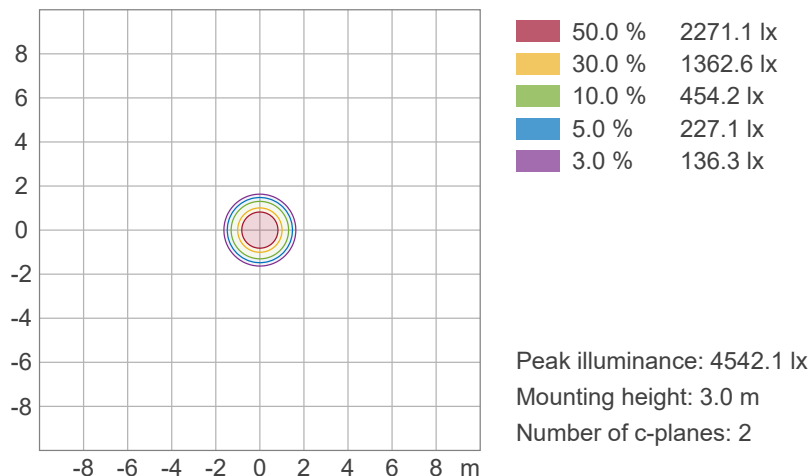


ISO Diagrams

ISO Candela Diagram



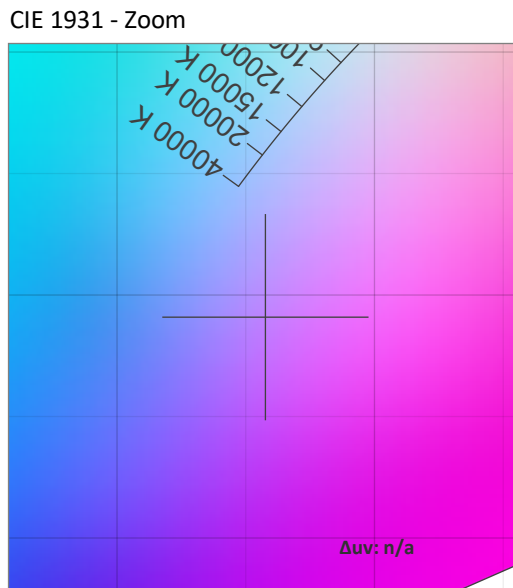
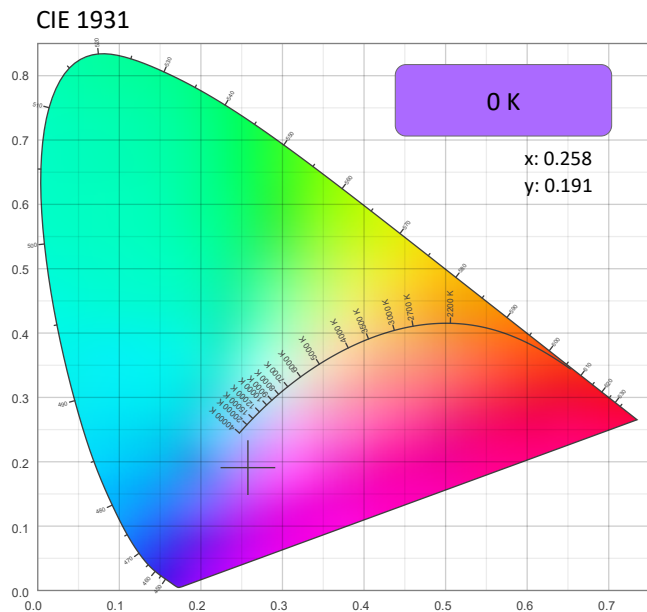
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan ECO

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.258	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.216

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

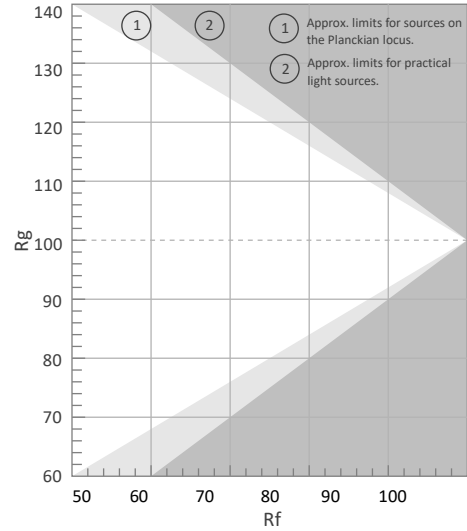
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan ECO

TM-30 Details

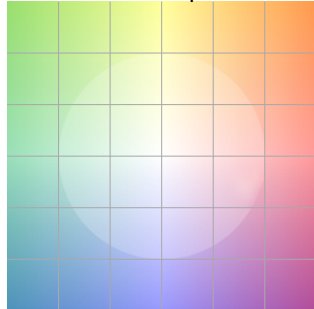
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

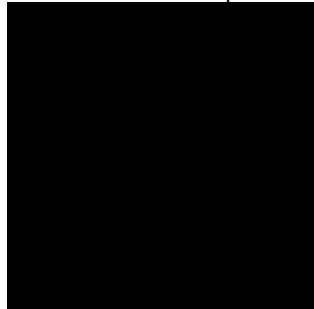
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



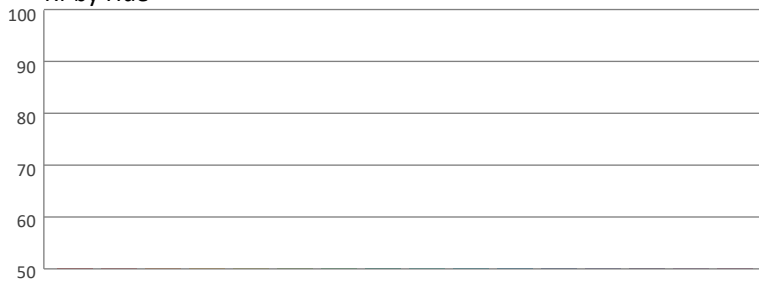
Color Vector Graphic



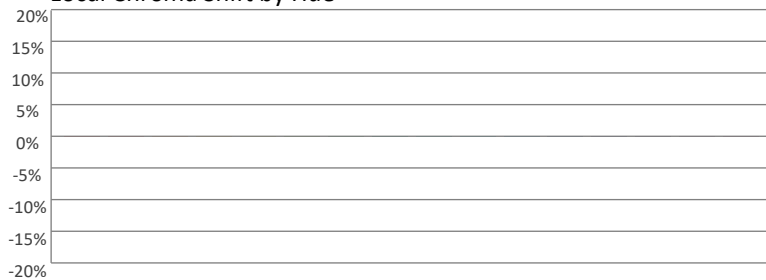
Color Distortion Graphic



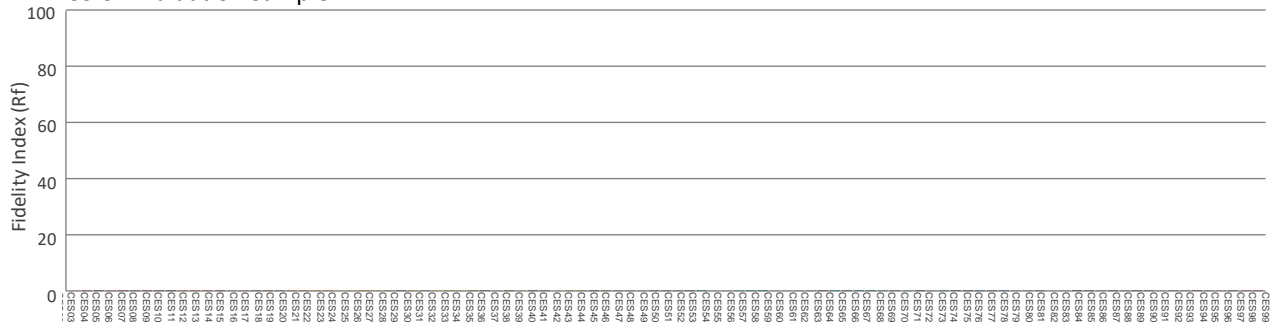
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Full

Report Summary

Measurements

Fixture Output: 12551 lm
Fixture Peak: 41178 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 1647 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%): 32.3°
Field Angle (10%): 49.2°
Cutoff Angle (3%): 63.2°

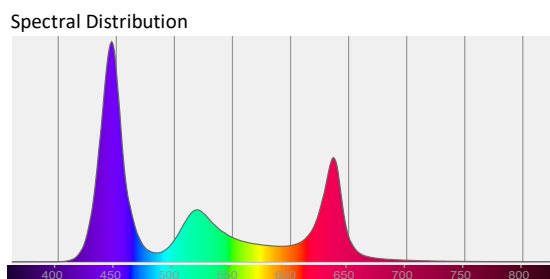
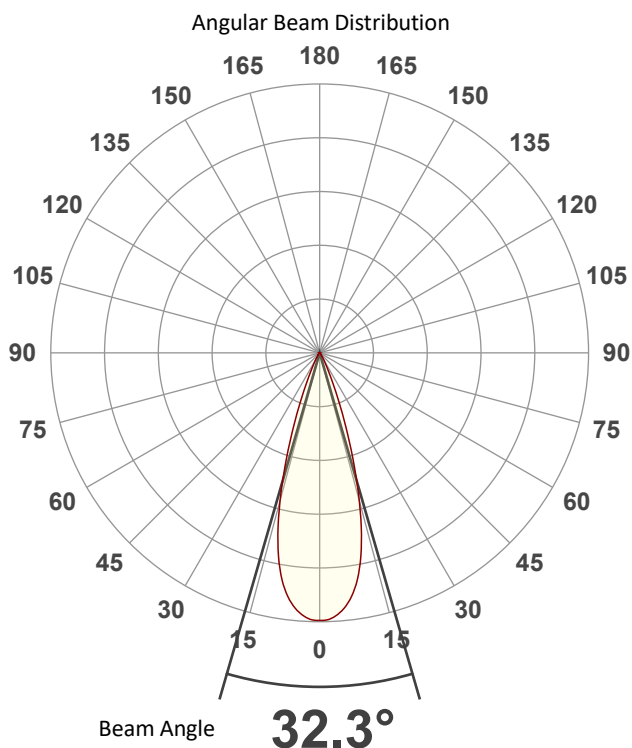


Conditions

AC Supply: 109 V, 60 Hz
Power: 583.27 W
Current: 5.37 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.257

Y: 0.191



Light Quality

CRI: 0.0

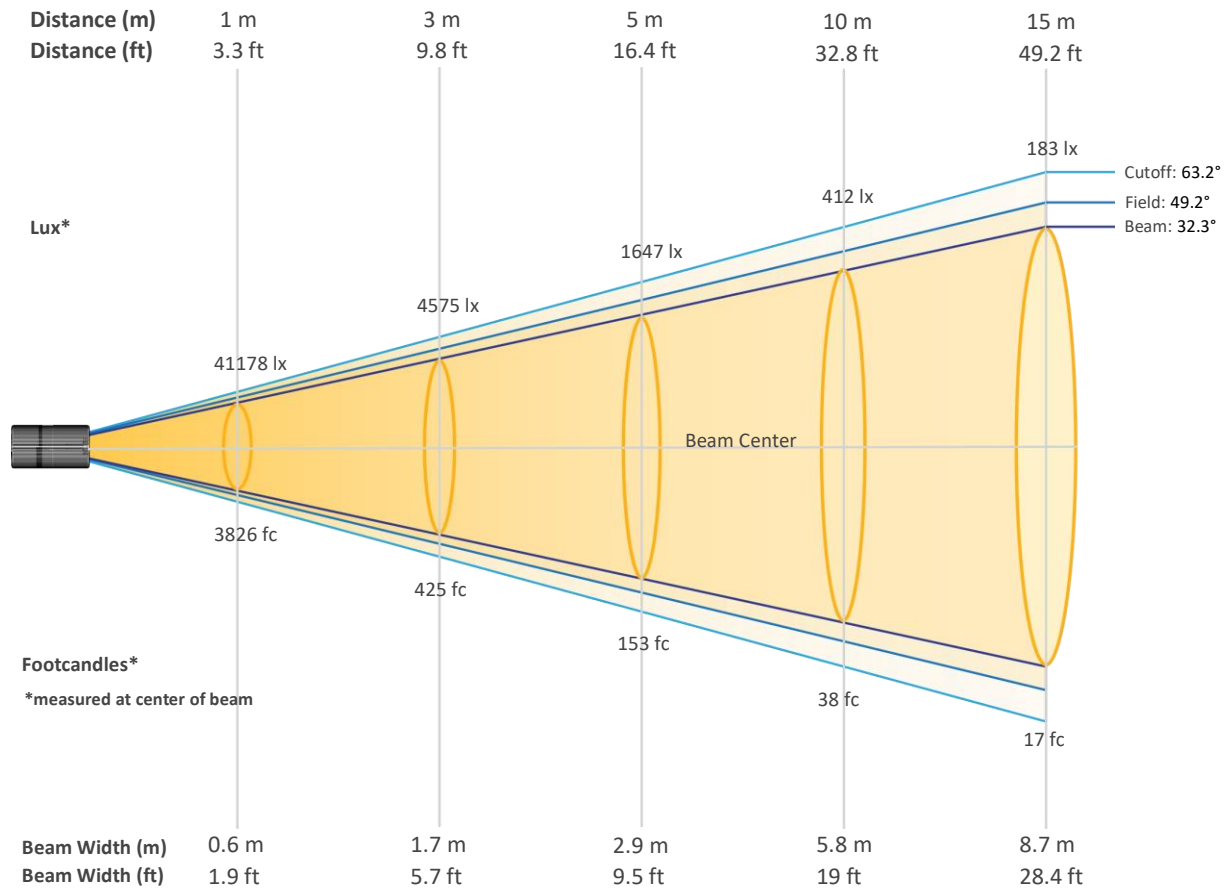
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Full

Beam Details

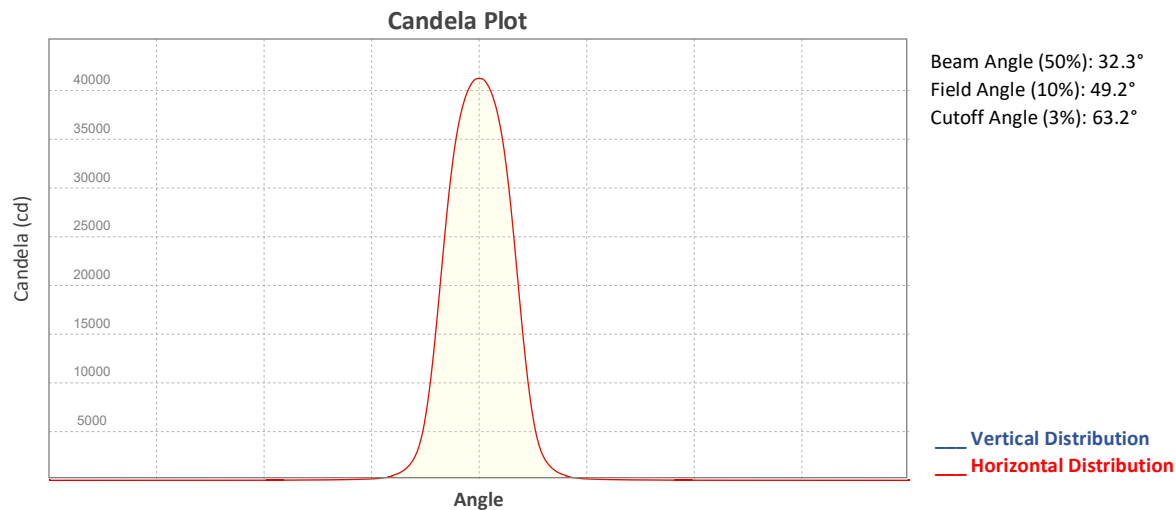


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	41178	10294	4575	2574	1647	1144	840	643	508	412
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	340	286	244	210	183	161	142	127	114	103
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3826	956	425	239	153	106	78	60	47	38
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	32	27	23	20	17	15	13	12	11	10

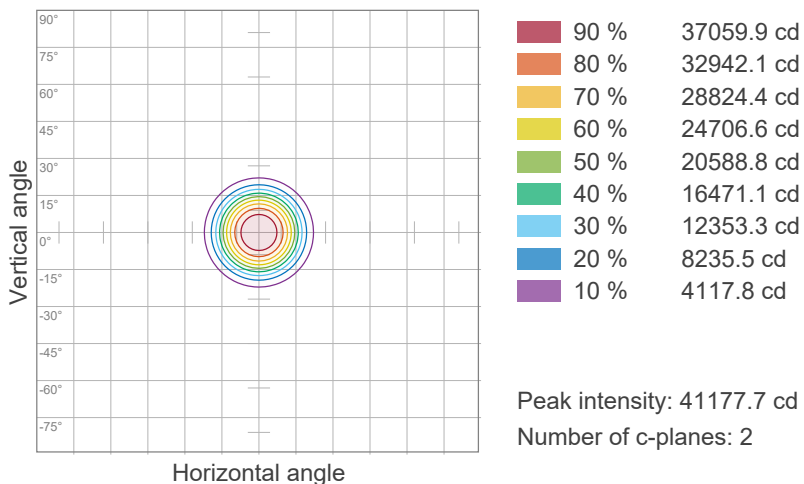
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Full

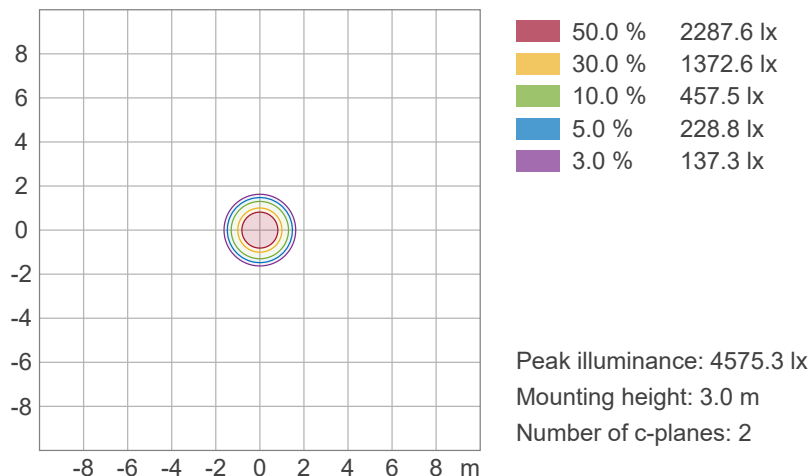


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

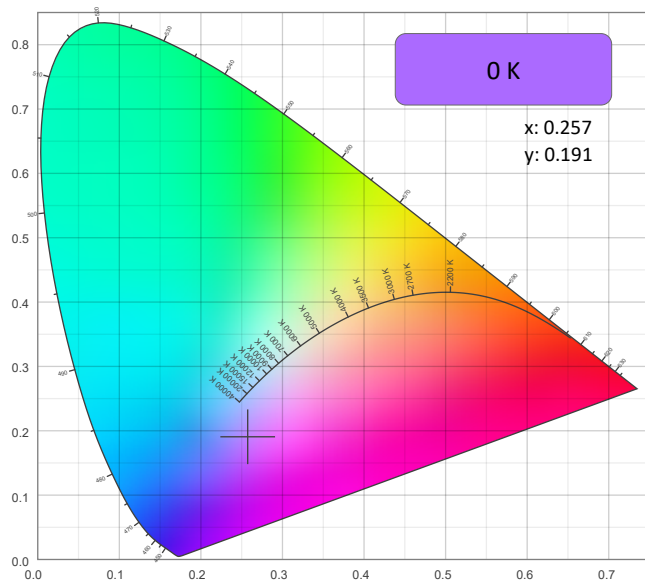


Photometric & Chromaticity Report

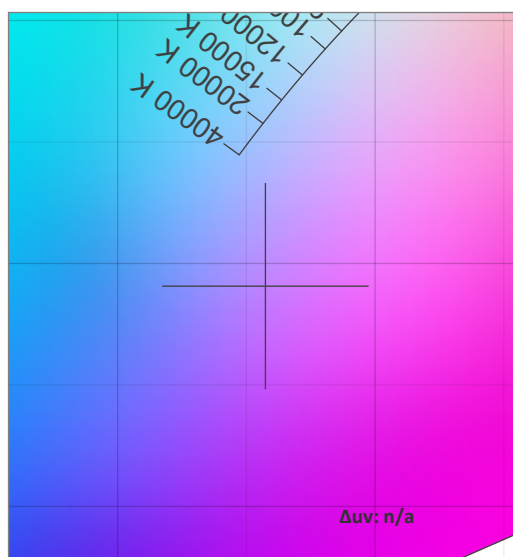
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Full

Chromaticity

CIE 1931



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	0.257	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.216

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

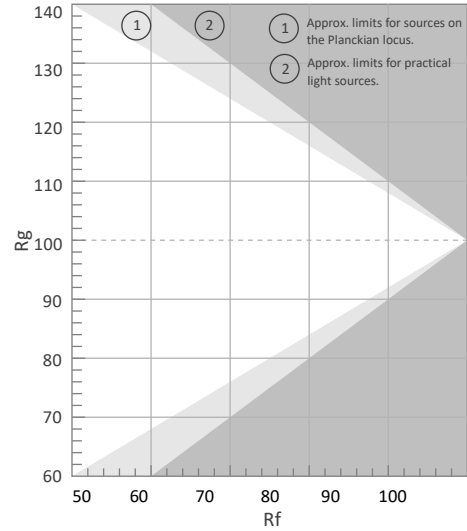
Rogue Outcast 3X Wash: Full Flood - Full Power - Cali OFF - Fan Full

TM-30 Details

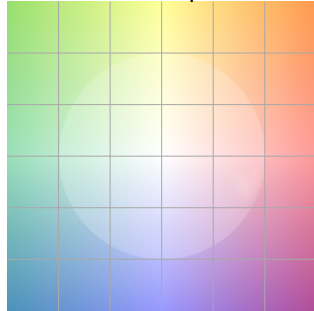
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

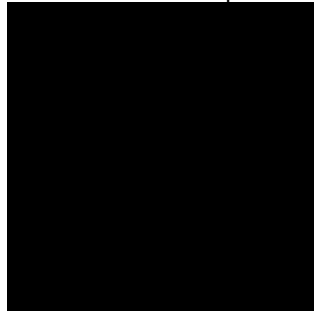
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



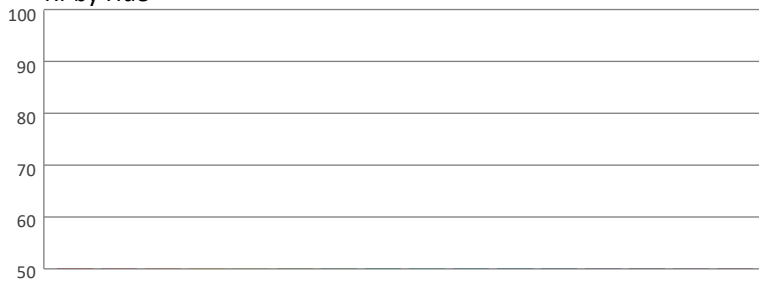
Color Vector Graphic



Color Distortion Graphic



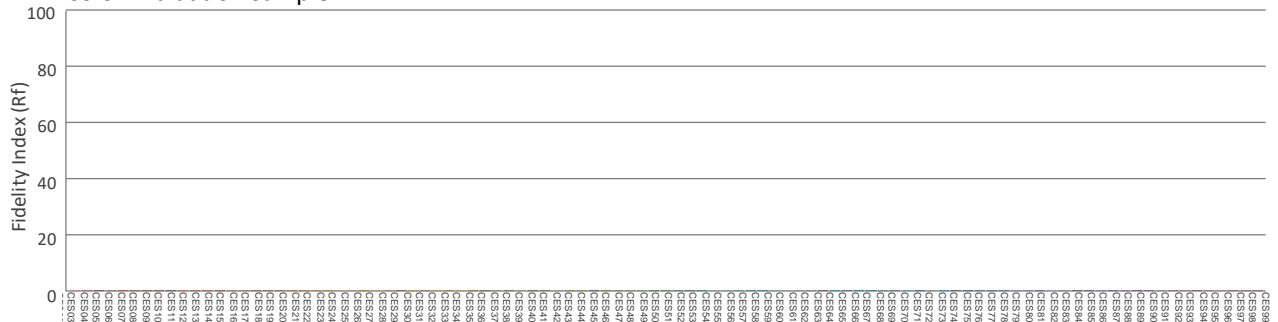
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Auto - WM - On

Report Summary

Measurements

Fixture Output: 10572 lm
Fixture Peak: 421987 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 16879 lux
Color Temperature: 7417 K
CRI: 68.2 CRI R9 Value: -50.7
CQS: 82.3
TLCI: 52
TM-30 Rf: 75.6
TM-30 Rg: 120.2
Beam Angle (50%): 9.1°
Field Angle (10%): 11.2°
Cutoff Angle (3%): 12.5°

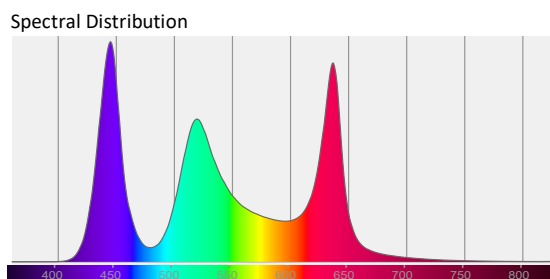
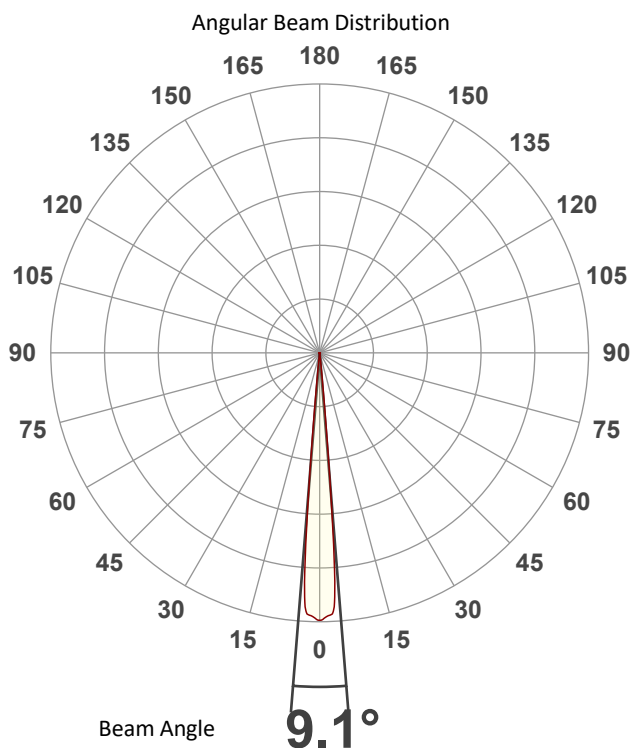


Conditions

AC Supply: 111 V, 60.1 Hz
Power: 423.25 W
Current: 3.82 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

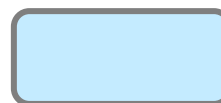
Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.308



Light Quality

CRI: 68.2

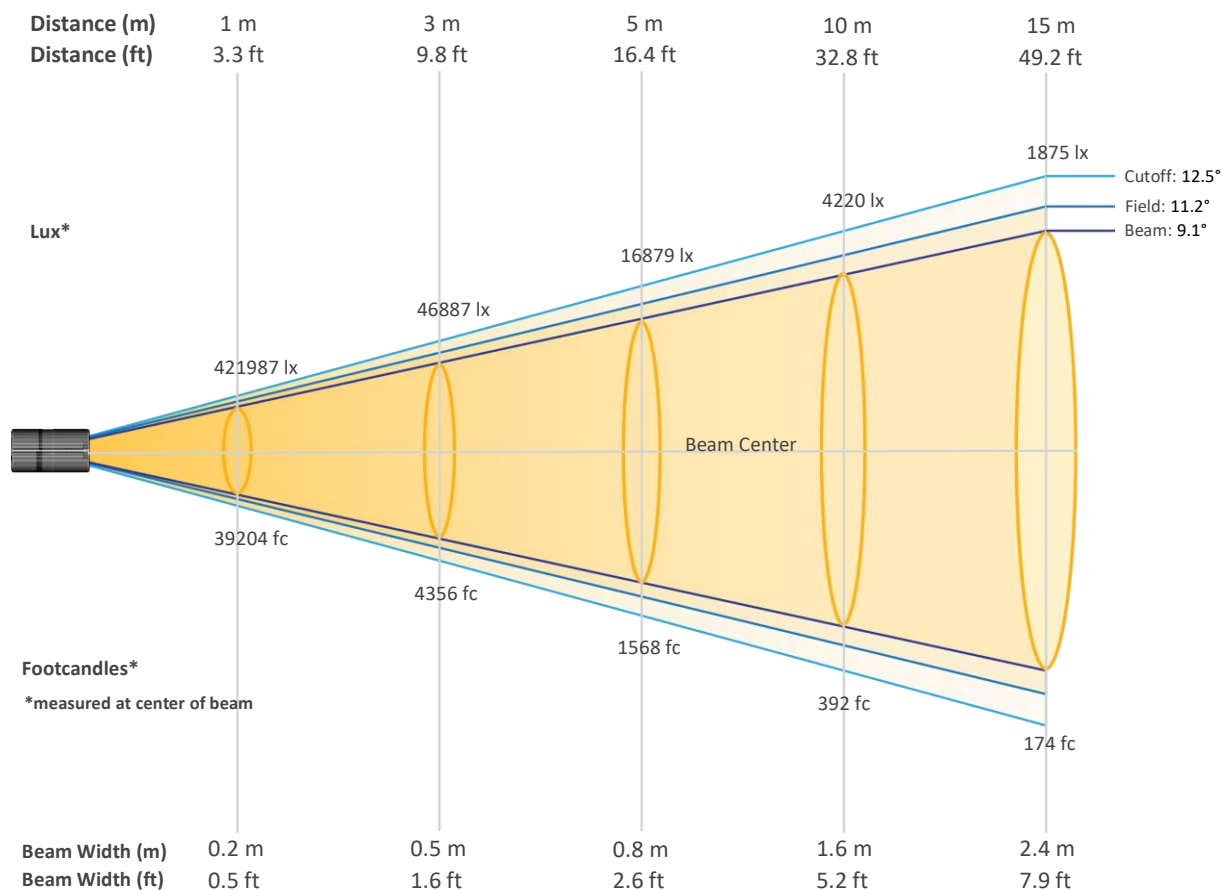
Color Temperature

7417 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Auto - WM - On

Beam Details

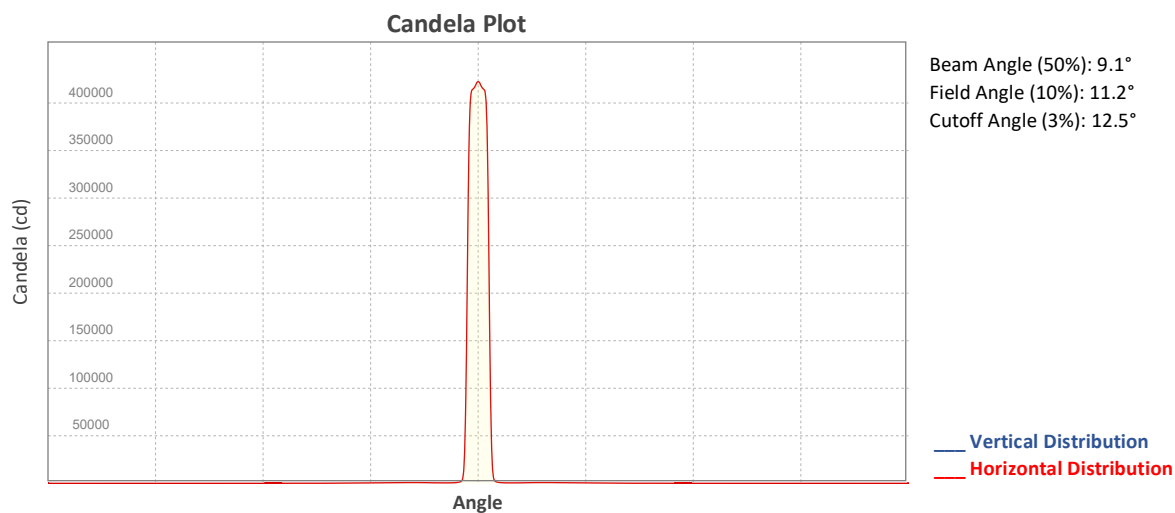


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	421987	105497	46887	26374	16879	11722	8612	6594	5210	4220
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3487	2930	2497	2153	1875	1648	1460	1302	1169	1055
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	39204	9801	4356	2450	1568	1089	800	613	484	392
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	324	272	232	200	174	153	136	121	109	98

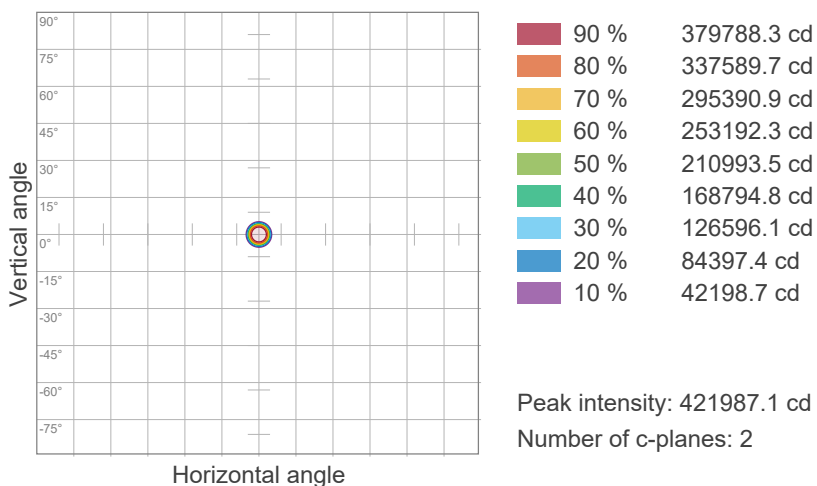
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Auto - WM - On

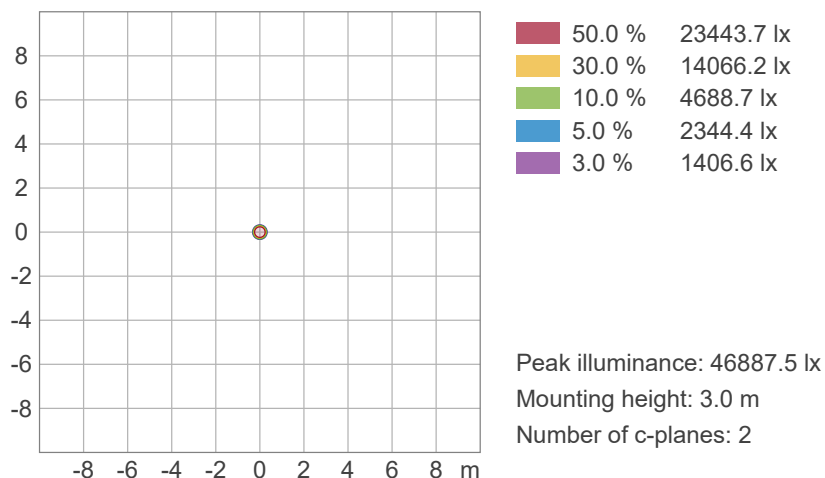


ISO Diagrams

ISO Candela Diagram



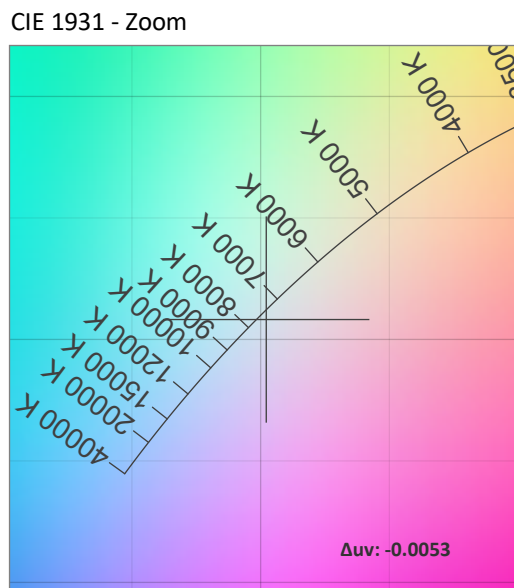
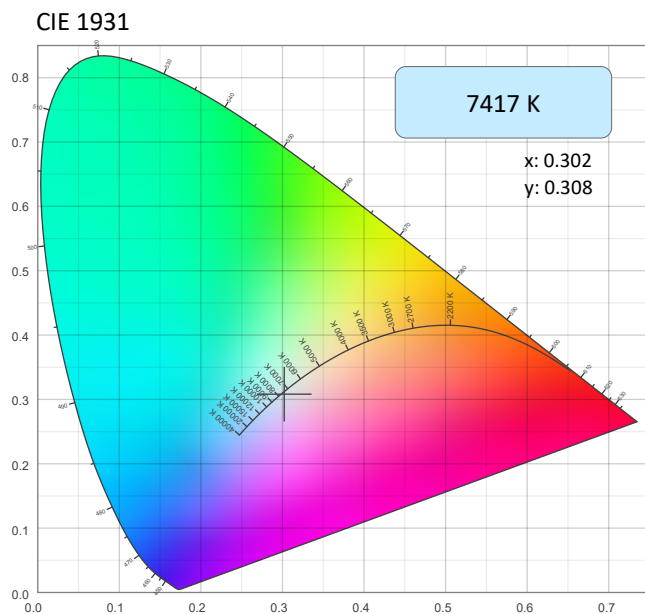
ISO Lux Diagram



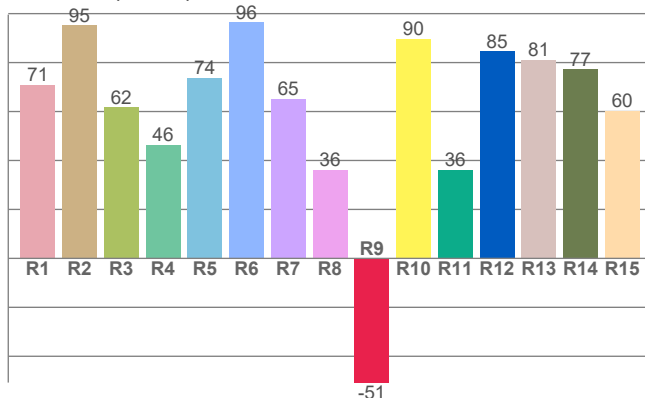
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Auto - WM - On

Chromaticity



CRI: 68.2 (R1-R8)

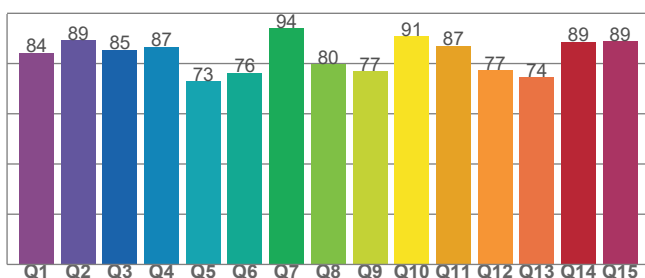


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7417 K	0.302	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0053	0.308	0.198

CQS: 82.3



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.2	-50.7	82.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
52	75.6	120.2

Photometric & Chromaticity Report

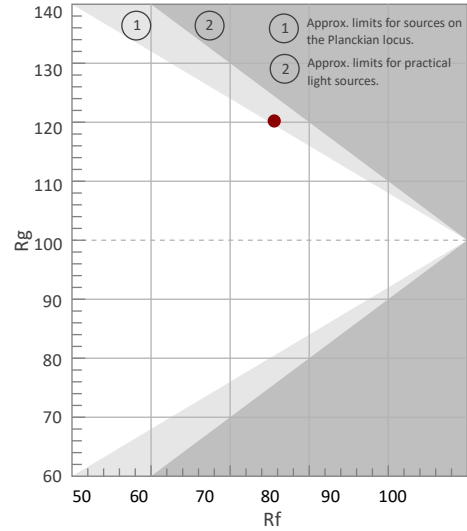
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Auto - WM - On

TM-30 Details

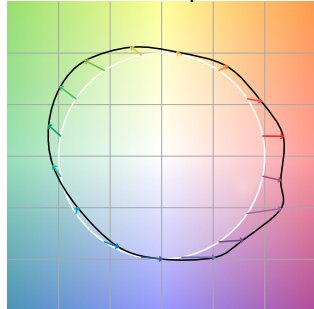
Rf 75.6
Fidelity Index
(Rg)

Rg 120.2
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	63	19%	-4%
2	74	10%	-9%
3	84	8%	-4%
4	89	2%	5%
5	79	9%	8%
6	71	18%	10%
7	71	19%	-1%
8	74	13%	-8%
9	85	5%	-11%
10	89	-5%	-4%
11	72	-3%	14%
12	69	-2%	20%
13	71	6%	31%
14	65	11%	20%
15	62	24%	22%
16	67	18%	0%



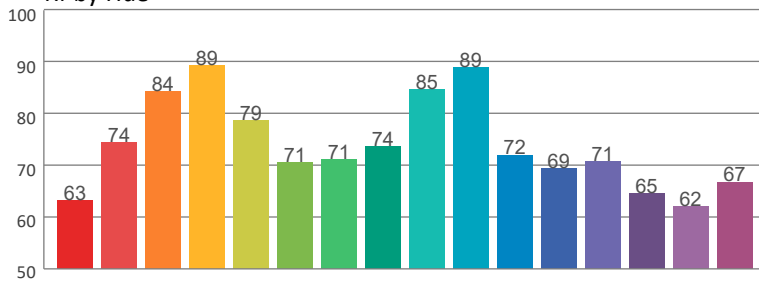
Color Vector Graphic



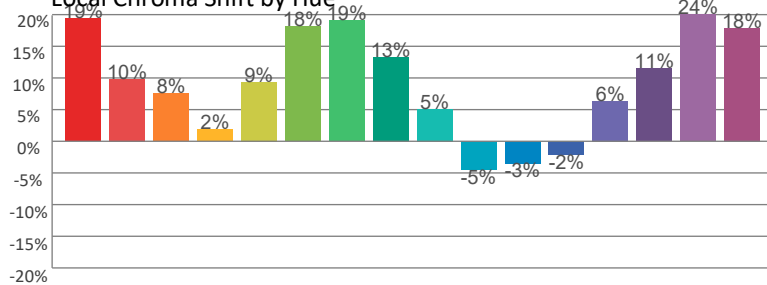
Color Distortion Graphic



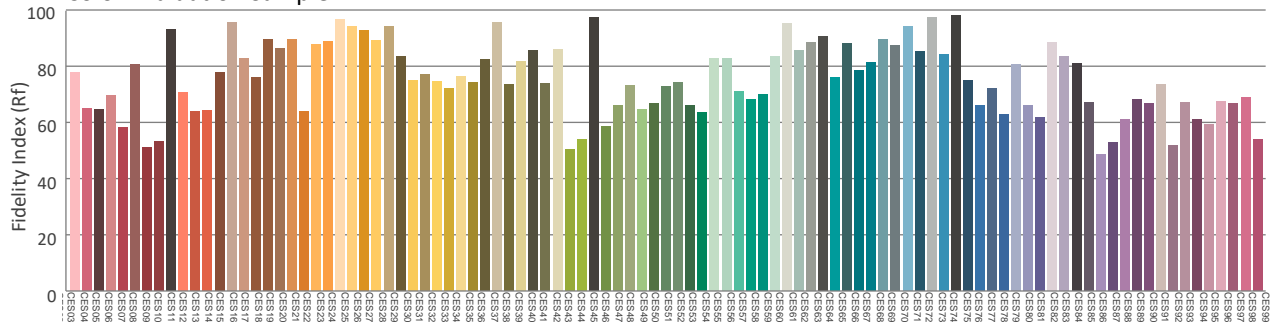
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan ECO - WM - On

Report Summary

Measurements

Fixture Output: 10531 lm
Fixture Peak: 425316 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 17013 lux
Color Temperature: 7348 K
CRI: 67.9 CRI R9 Value: -51.1
CQS: 82.1
TLCI: 51
TM-30 Rf: 75.4
TM-30 Rg: 120.6
Beam Angle (50%): 9.1°
Field Angle (10%): 11.1°
Cutoff Angle (3%): 12.4°

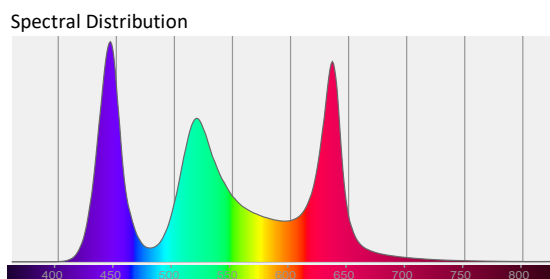
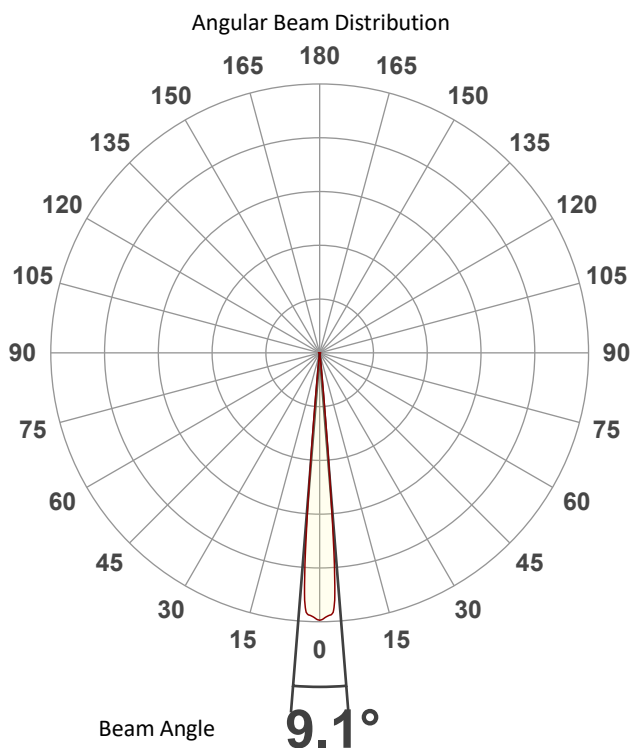


Conditions

AC Supply: 111 V, 60.1 Hz
Power: 424.84 W
Current: 3.82 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

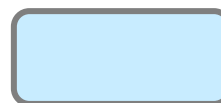
Overall Measurement



Tested Color (CIE 1931):

X: 0.303

Y: 0.308



Light Quality

CRI: 67.9

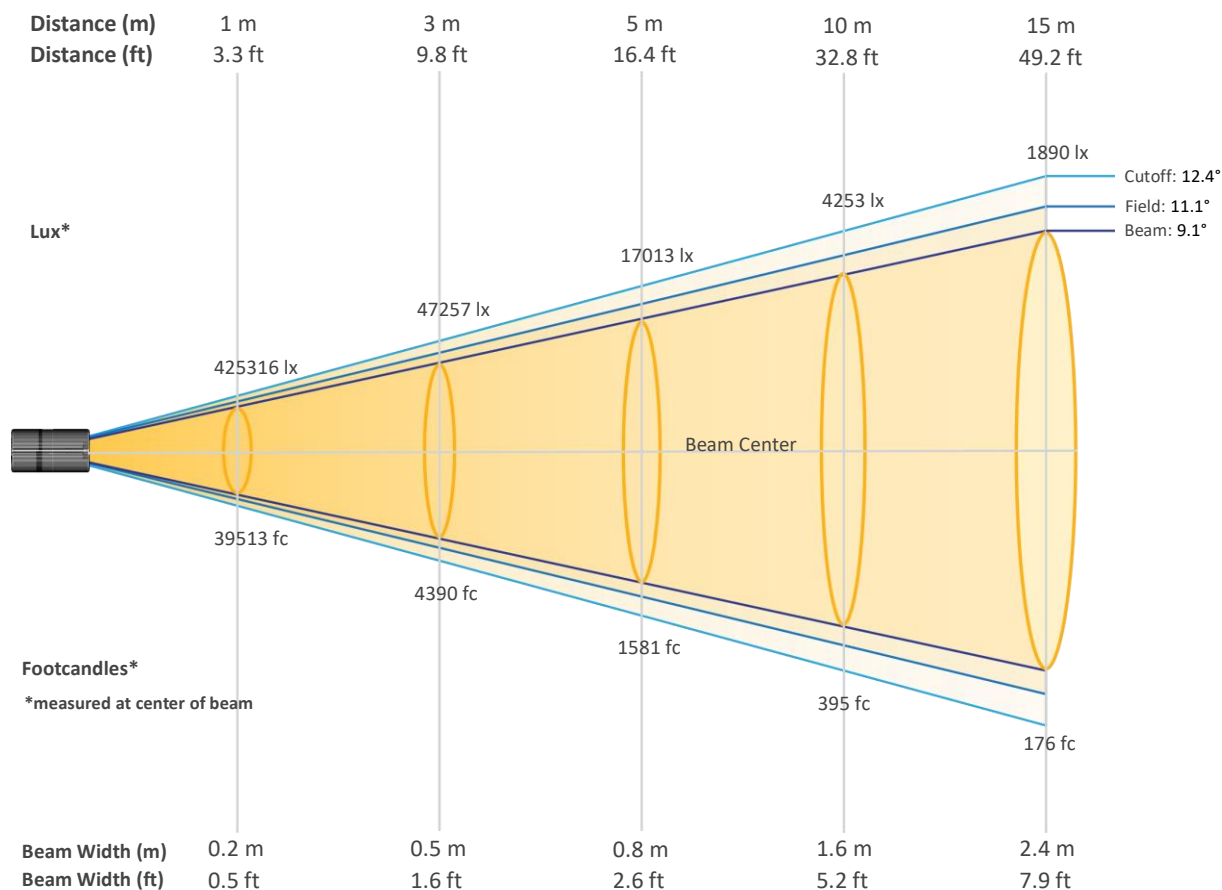
Color Temperature

7348 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan ECO - WM - On

Beam Details

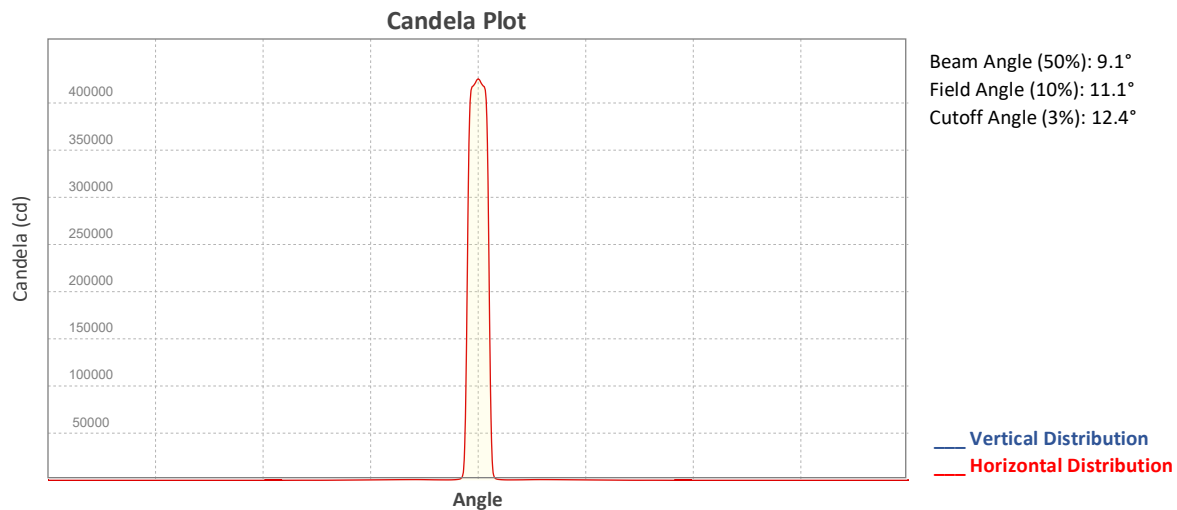


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	425316	106329	47257	26582	17013	11814	8680	6646	5251	4253
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3515	2954	2517	2170	1890	1661	1472	1313	1178	1063
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	39513	9878	4390	2470	1581	1098	806	617	488	395
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	327	274	234	202	176	154	137	122	109	99

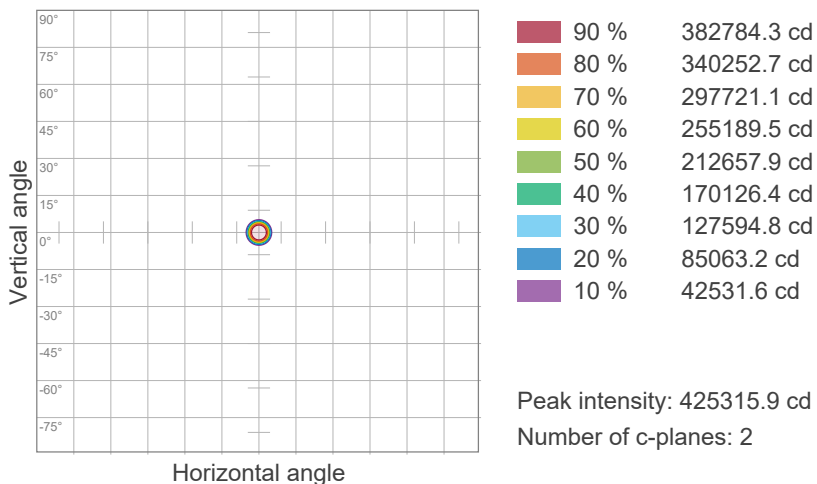
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan ECO - WM - On

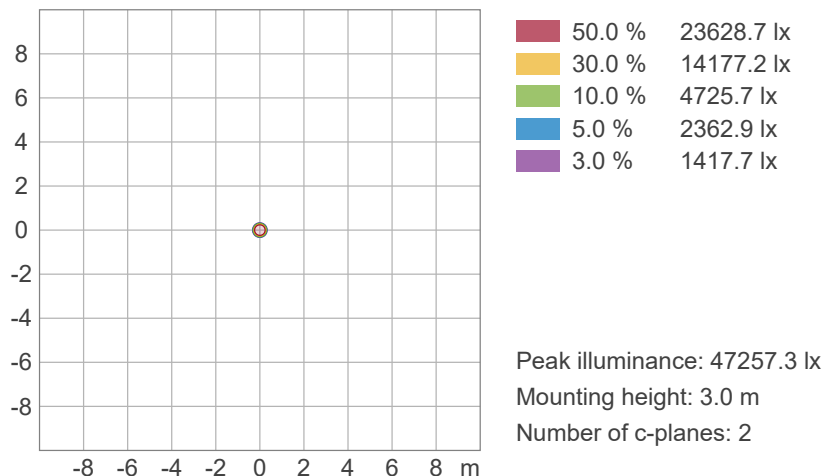


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

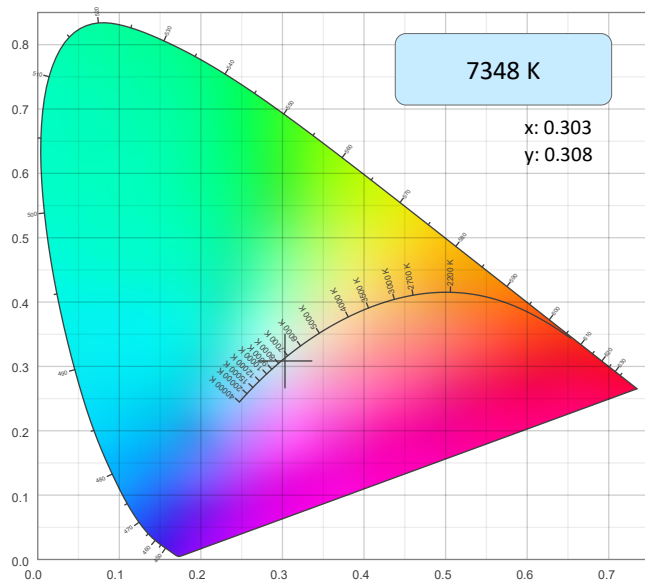


Photometric & Chromaticity Report

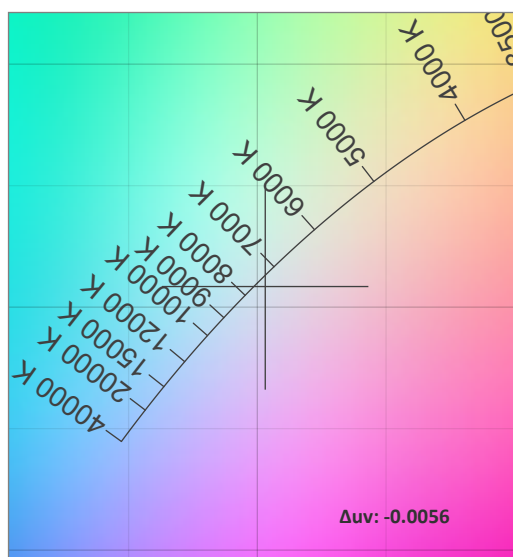
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan ECO - WM - On

Chromaticity

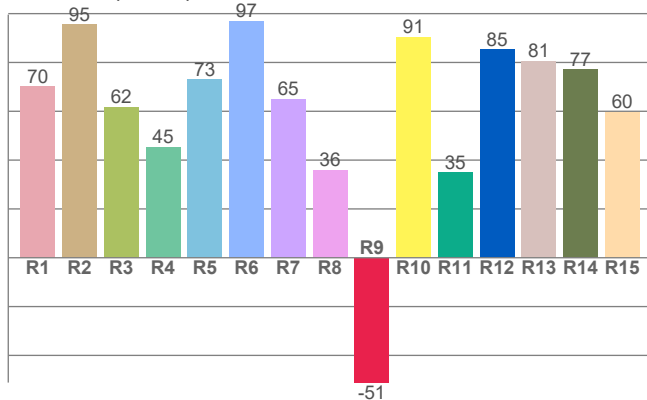
CIE 1931



CIE 1931 - Zoom



CRI: 67.9 (R1-R8)

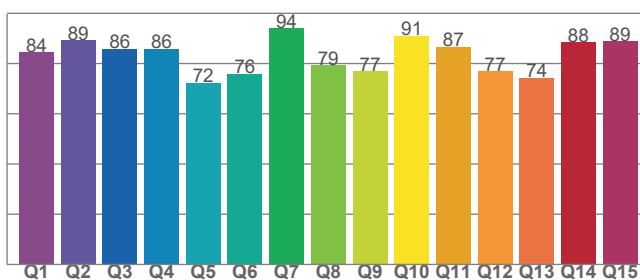


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7348 K	0.303	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0056	0.308	0.199

CQS: 82.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
67.9	-51.1	82.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	75.4	120.6



Photometric & Chromaticity Report

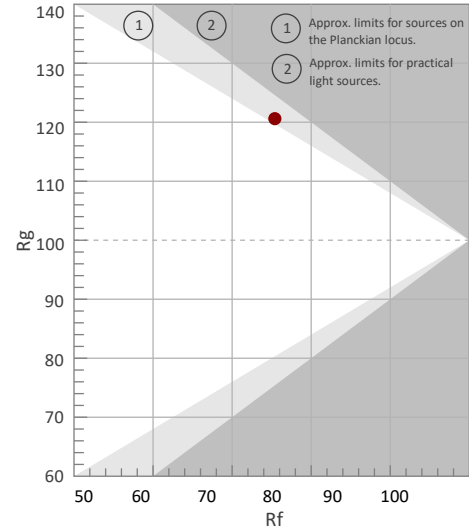
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan ECO - WM - On

TM-30 Details

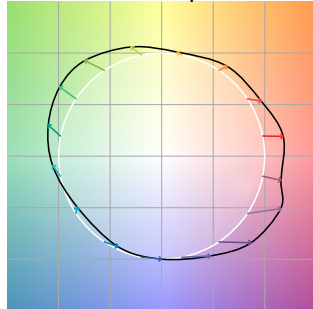
Rf 75.4
Fidelity Index
(Rg)

Rg 120.6
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	63	19%	-4%
2	74	10%	-9%
3	84	8%	-4%
4	89	2%	5%
5	78	10%	9%
6	70	18%	10%
7	70	19%	-1%
8	73	14%	-8%
9	84	5%	-12%
10	89	-4%	-4%
11	73	-3%	14%
12	70	-2%	19%
13	70	4%	28%
14	68	18%	25%
15	62	24%	22%
16	66	18%	0%



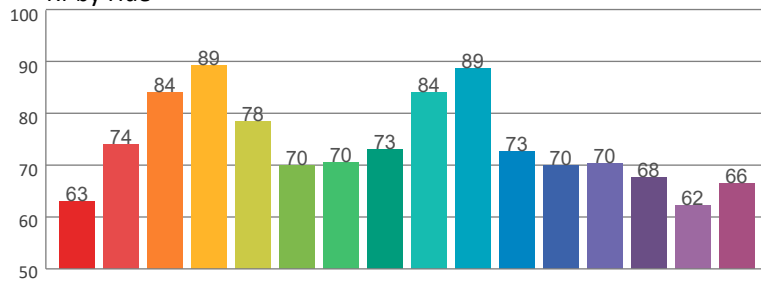
Color Vector Graphic



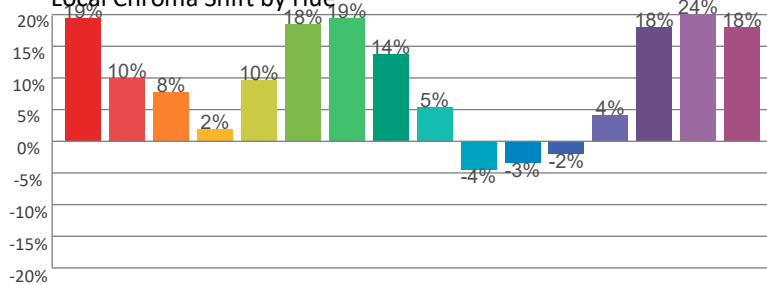
Color Distortion Graphic



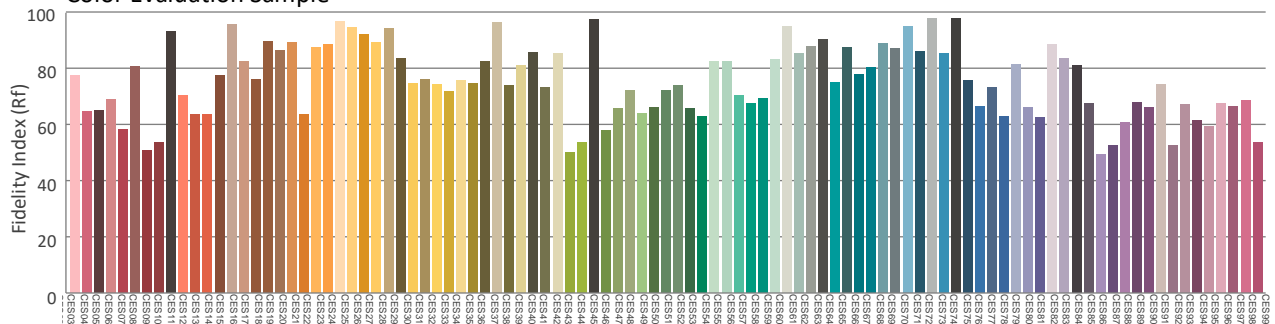
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Full - WM - On

Report Summary

Measurements

Fixture Output: 10432 lm
Fixture Peak: 421681 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 16867 lux
Color Temperature: 7427 K
CRI: 68.3 CRI R9 Value: -50.0
CQS: 82.4
TLCI: 52
TM-30 Rf: 75.7
TM-30 Rg: 120.1
Beam Angle (50%): 9.1°
Field Angle (10%): 11.2°
Cutoff Angle (3%): 12.3°

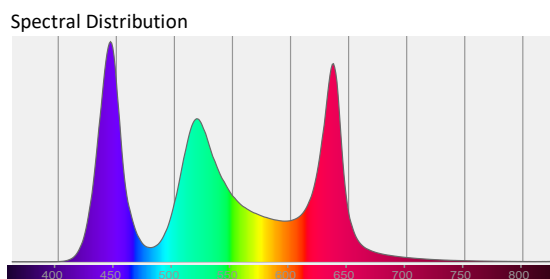
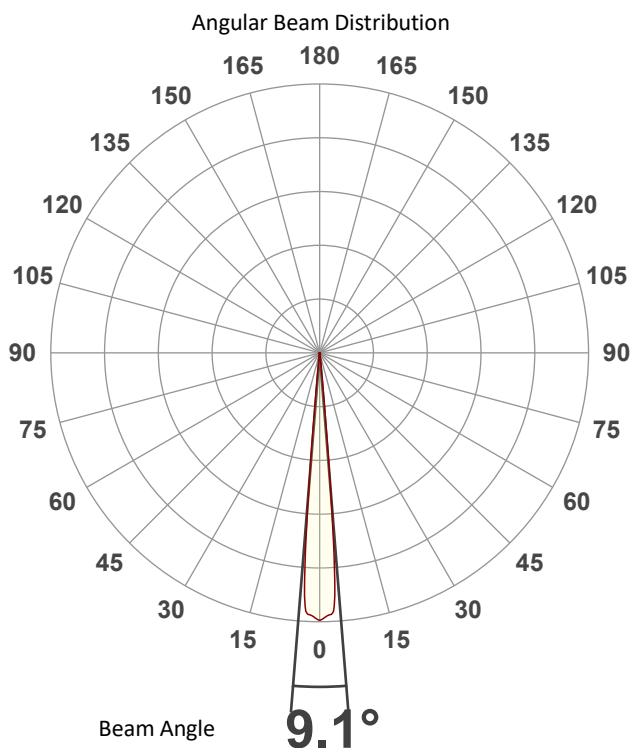


Conditions

AC Supply: 111 V, 60 Hz
Power: 418.34 W
Current: 3.76 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

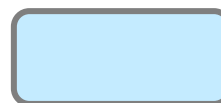
Overall Measurement



Tested Color (CIE 1931):

X: 0.302

Y: 0.308



Light Quality

CRI: 68.3

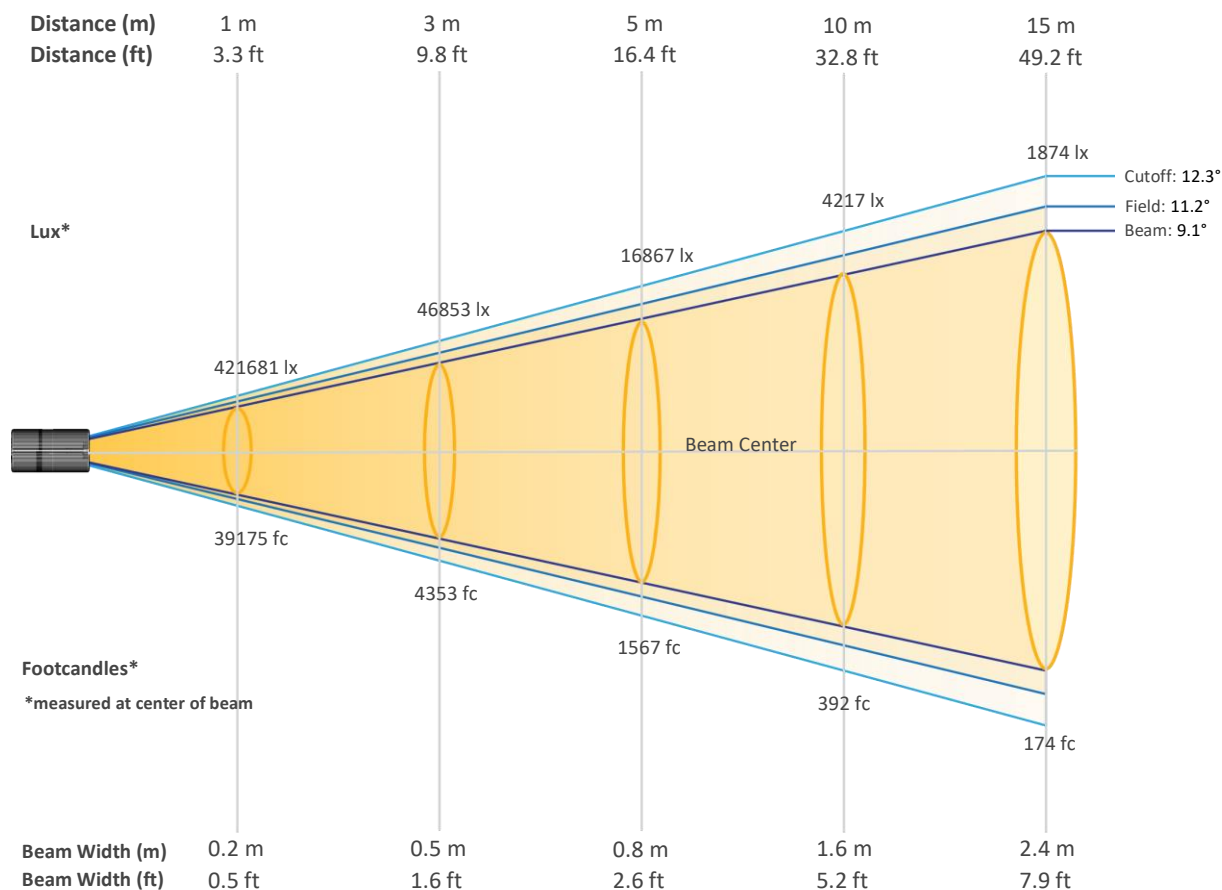
Color Temperature

7427 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Full - WM - On

Beam Details

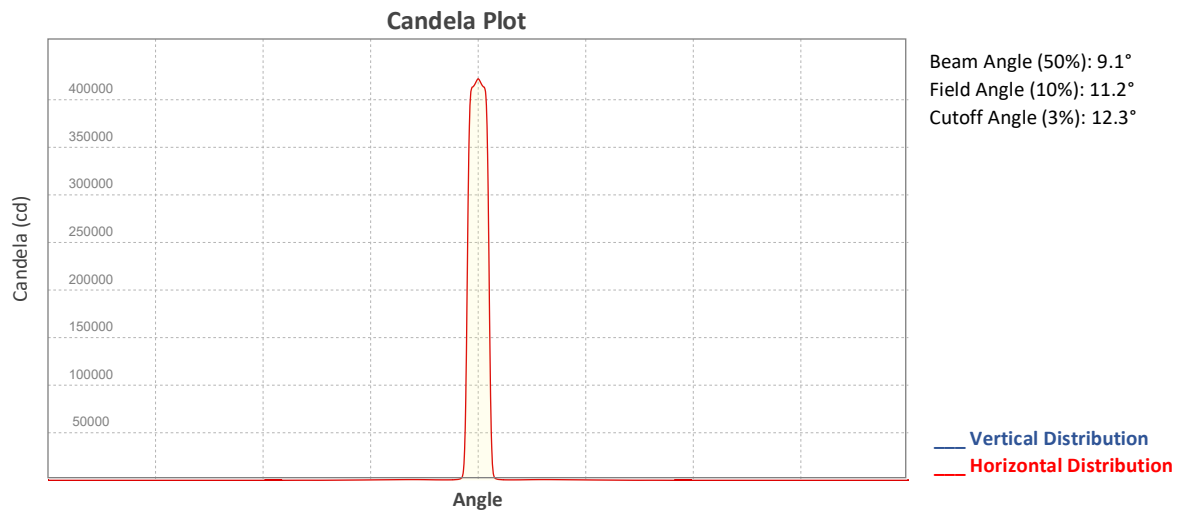


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	421681	105420	46853	26355	16867	11713	8606	6589	5206	4217
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3485	2928	2495	2151	1874	1647	1459	1301	1168	1054
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	39175	9794	4353	2448	1567	1088	799	612	484	392
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	324	272	232	200	174	153	136	121	109	98

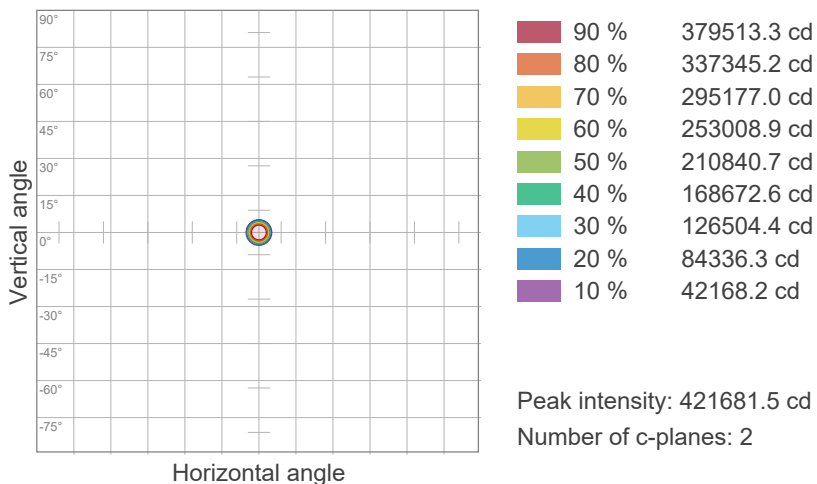
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Full - WM - On

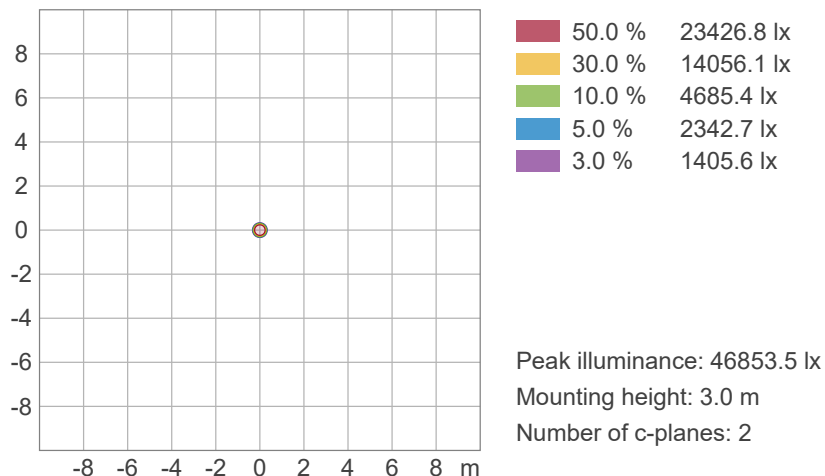


ISO Diagrams

ISO Candela Diagram



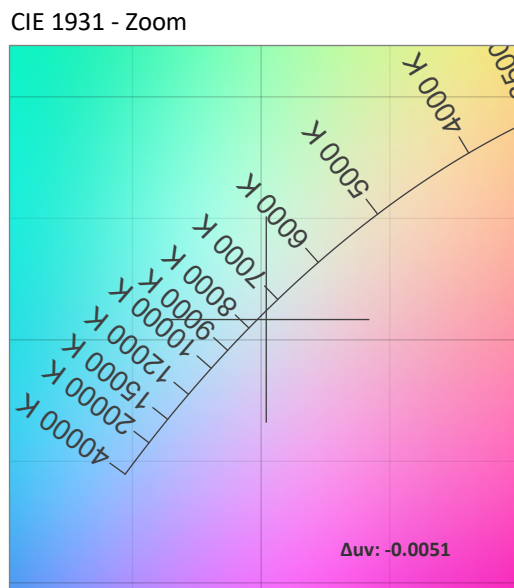
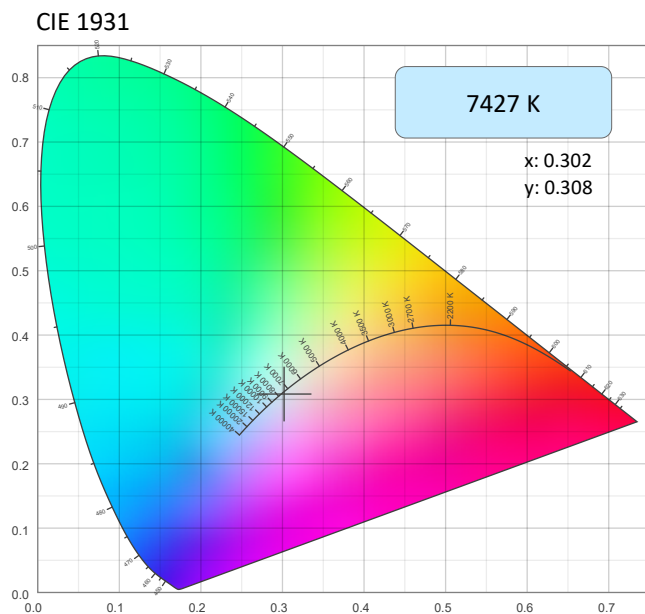
ISO Lux Diagram



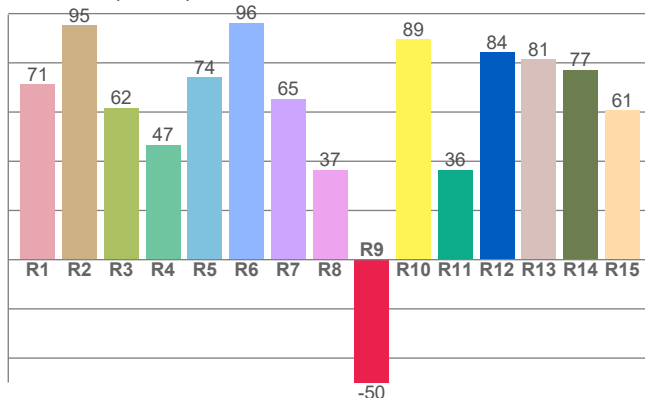
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Full - WM - On

Chromaticity



CRI: 68.3 (R1-R8)

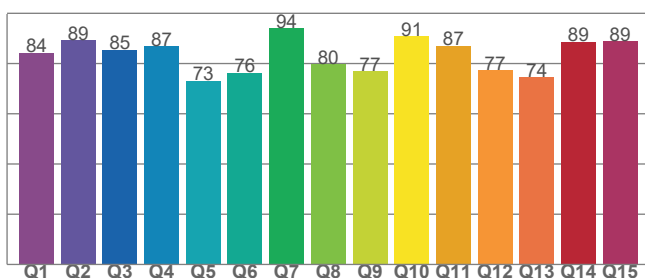


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7427 K	0.302	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0051	0.308	0.198

CQS: 82.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.3	-50.0	82.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
52	75.7	120.1

Photometric & Chromaticity Report

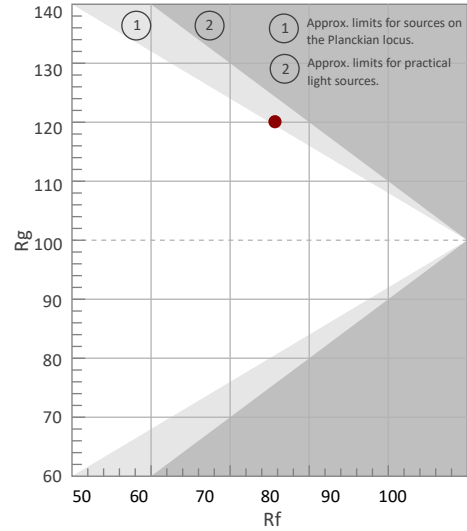
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali On - Fan Full - WM - On

TM-30 Details

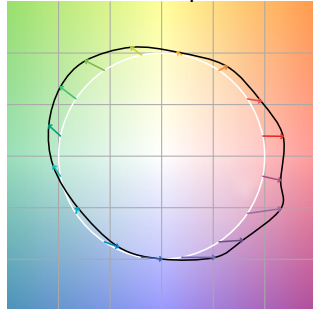
Rf 75.7
Fidelity Index
(Rg)

Rg 120.1
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	63	19%	-4%
2	75	10%	-9%
3	84	8%	-4%
4	89	2%	5%
5	79	9%	8%
6	71	18%	10%
7	71	19%	-1%
8	74	13%	-8%
9	85	5%	-11%
10	89	-5%	-4%
11	72	-3%	14%
12	69	-2%	20%
13	71	6%	31%
14	65	11%	20%
15	62	24%	22%
16	67	18%	0%



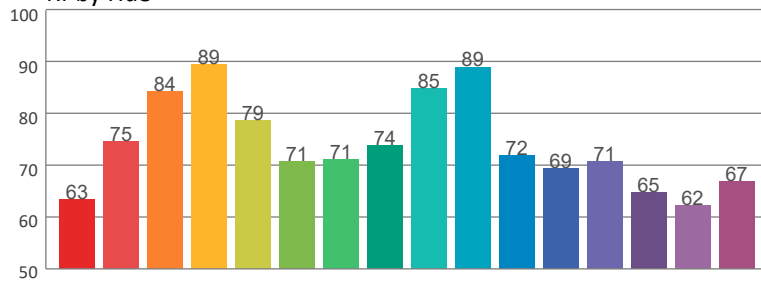
Color Vector Graphic



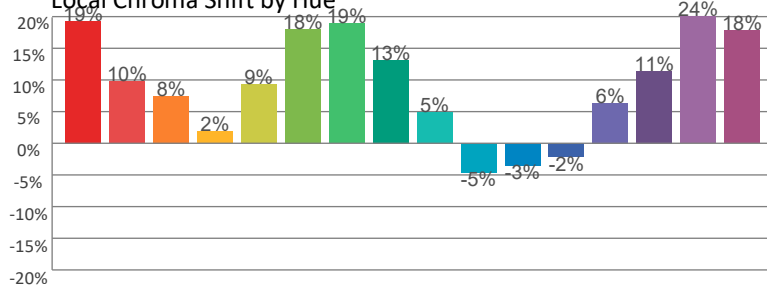
Color Distortion Graphic



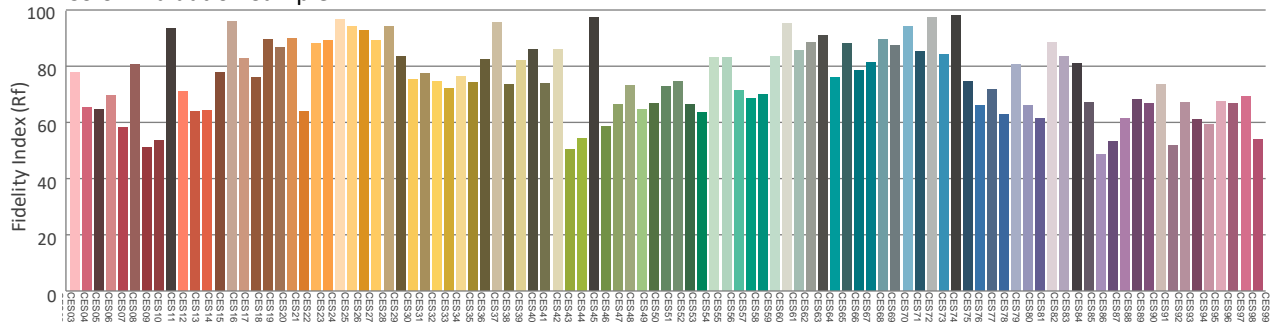
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Auto

Report Summary

Measurements

Fixture Output: 11819 lm
Fixture Peak: 470215 cd
Fixture Efficacy: 20 lm/W
Intensity @ 5m: 18809 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%): 9.1°
Field Angle (10%): 11.2°
Cutoff Angle (3%): 12.3°

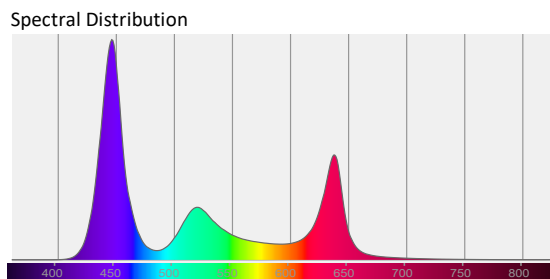
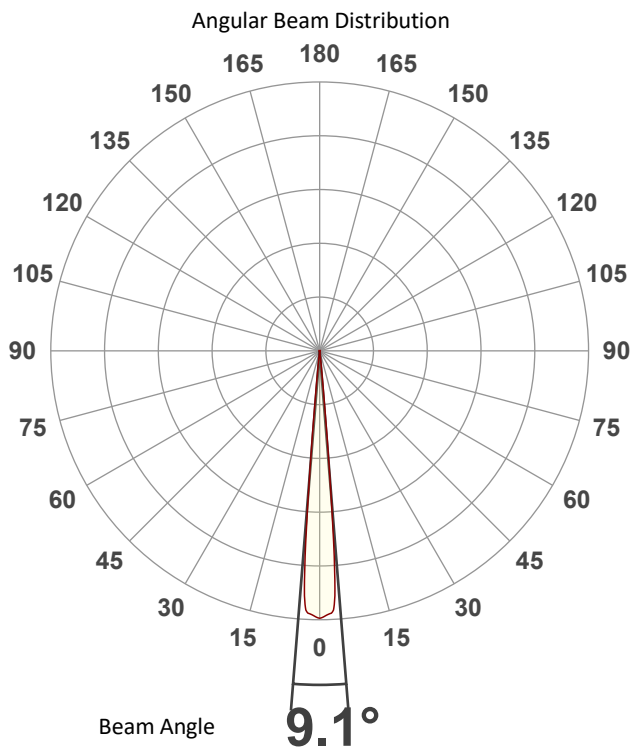


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 579.01 W
Current: 5.33 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.257

Y: 0.191



Light Quality

CRI: 0.0

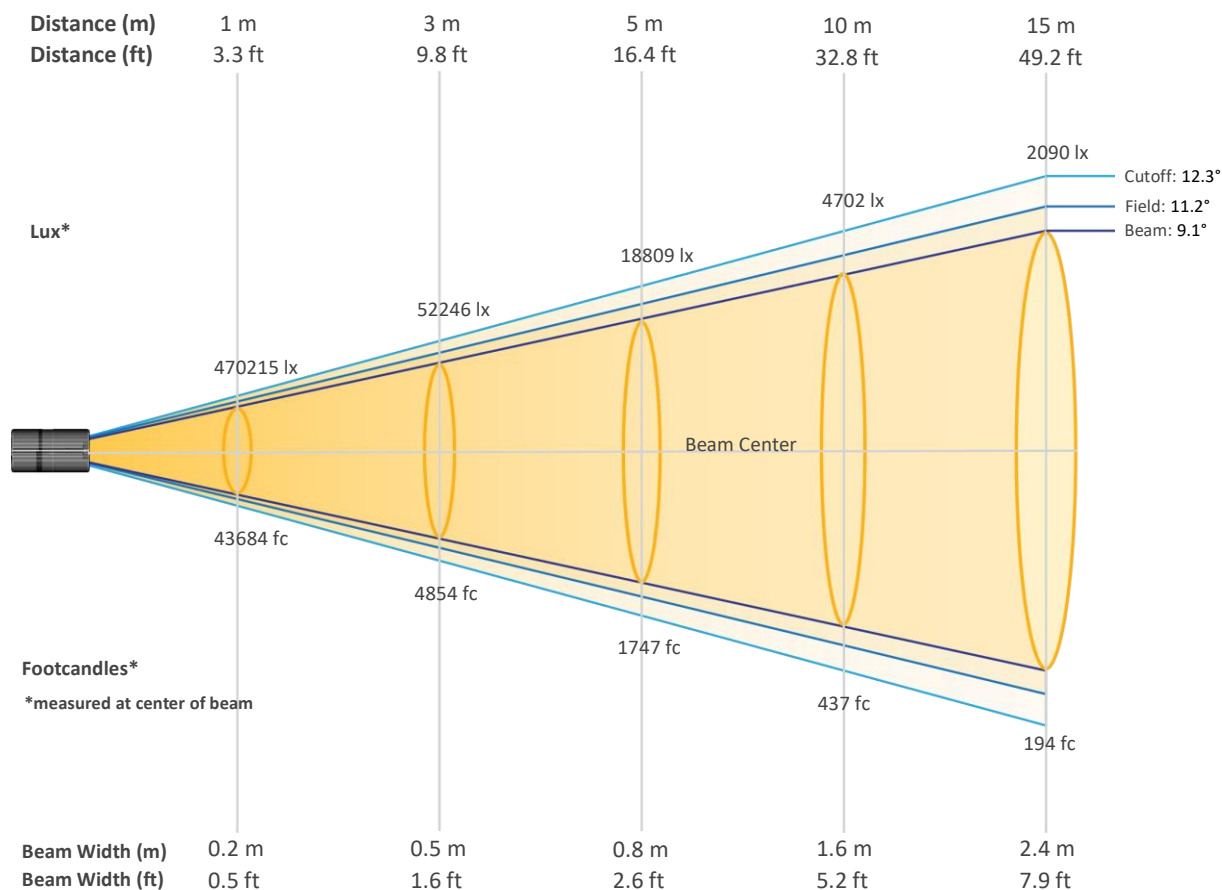
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Auto

Beam Details

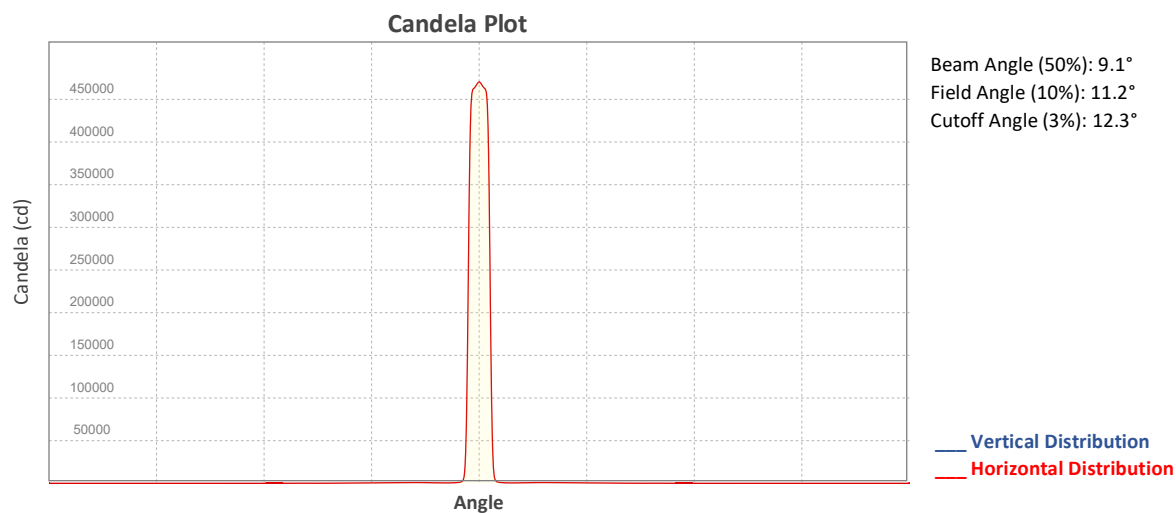


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	470215	117554	52246	29388	18809	13062	9596	7347	5805	4702
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3886	3265	2782	2399	2090	1837	1627	1451	1303	1176
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	43684	10921	4854	2730	1747	1213	892	683	539	437
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	361	303	258	223	194	171	151	135	121	109

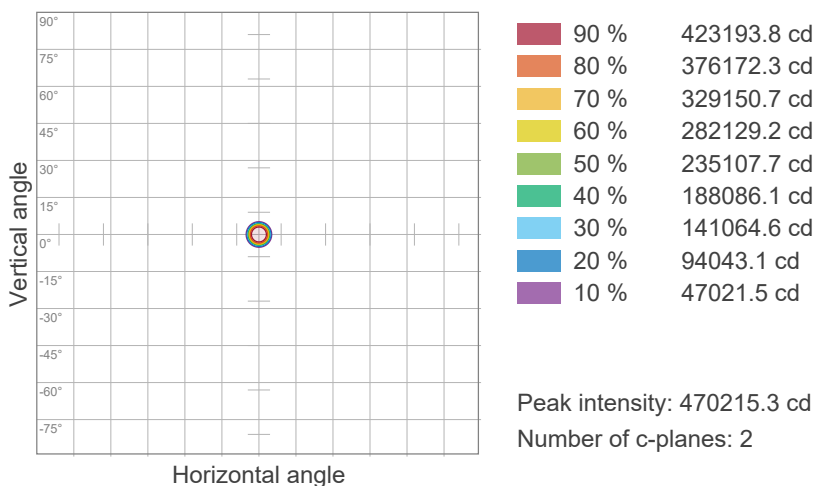
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Auto

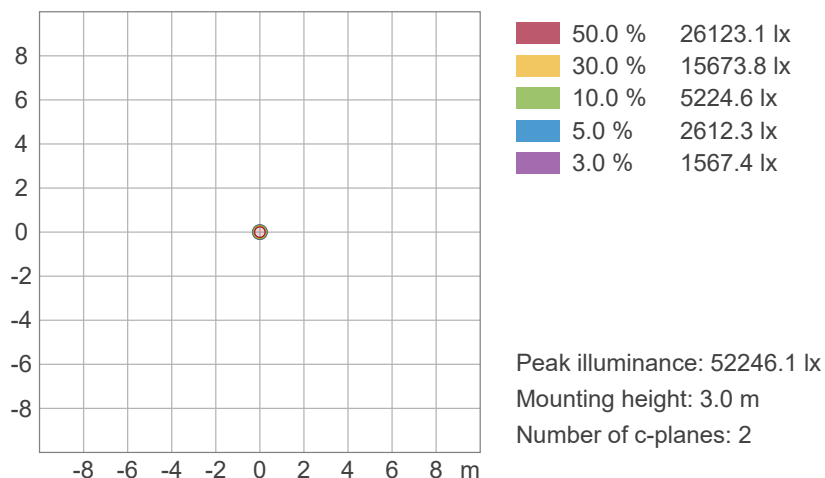


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

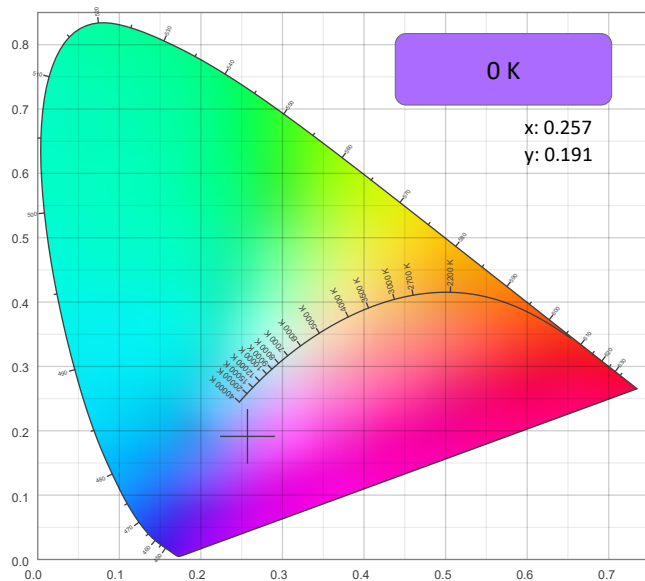


Photometric & Chromaticity Report

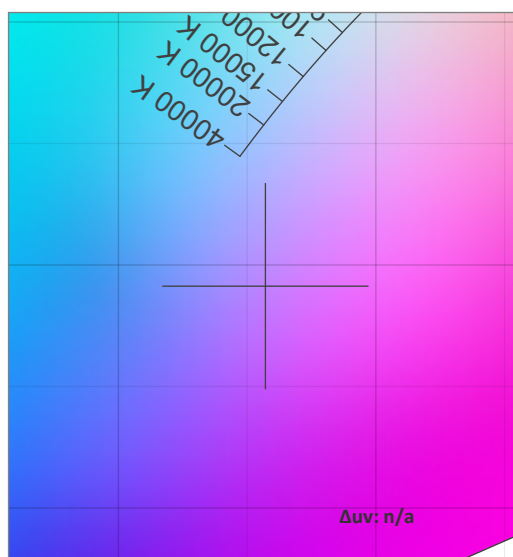
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF – Fan Auto

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.257	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.215

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

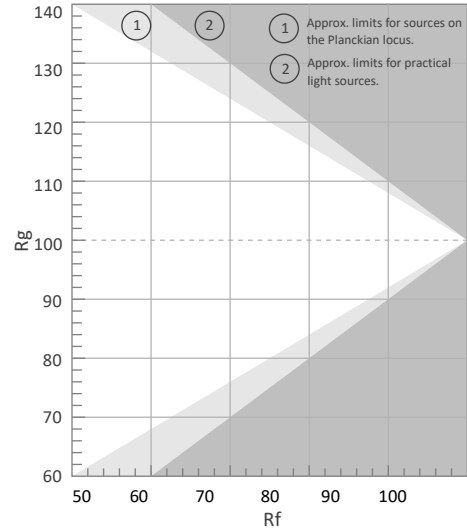
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Auto

TM-30 Details

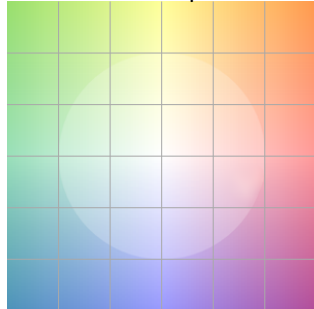
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

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



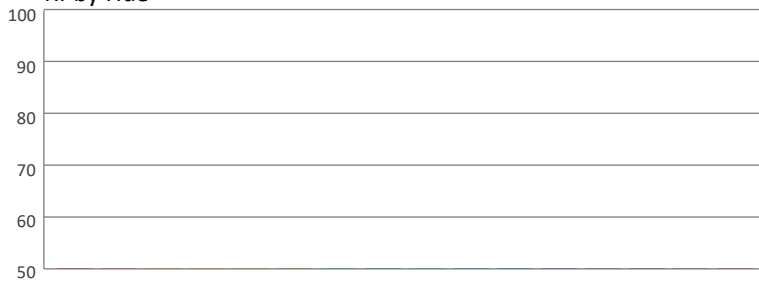
Color Vector Graphic



Color Distortion Graphic



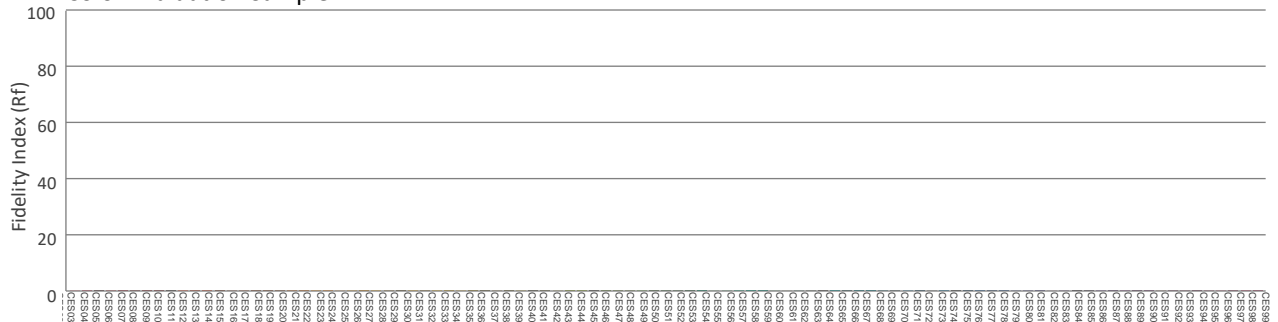
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan ECO

Report Summary

Measurements

Fixture Output: 11827 lm
Fixture Peak: 469306 cd
Fixture Efficacy: 21 lm/W
Intensity @ 5m: 18772 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%): 9.1°
Field Angle (10%): 11.2°
Cutoff Angle (3%): 12.4°

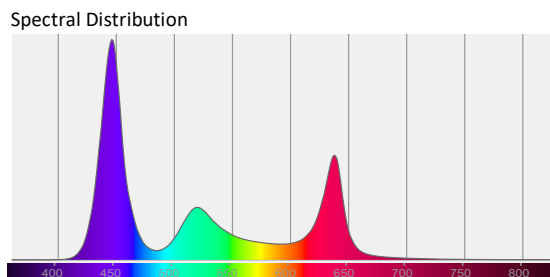
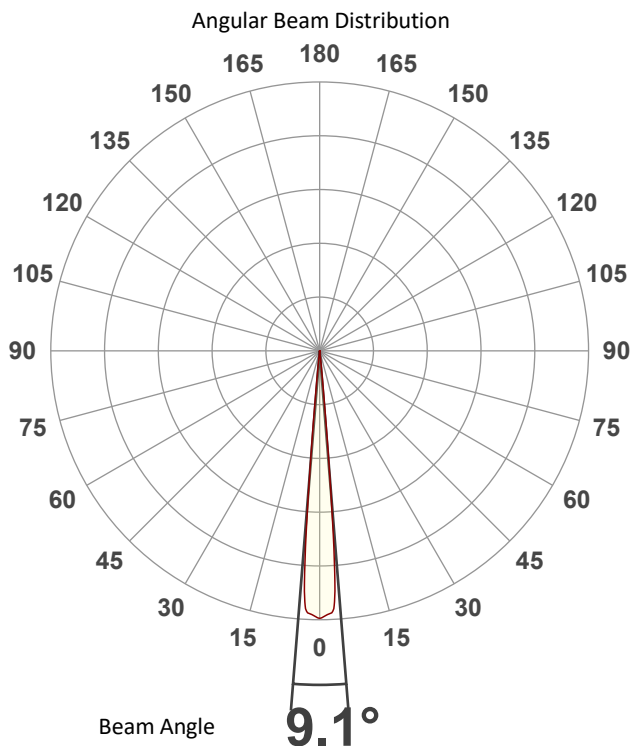


Conditions

AC Supply: 108 V, 60.2 Hz
Power: 578.44 W
Current: 5.34 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.257

Y: 0.191



Light Quality

CRI: 0.0

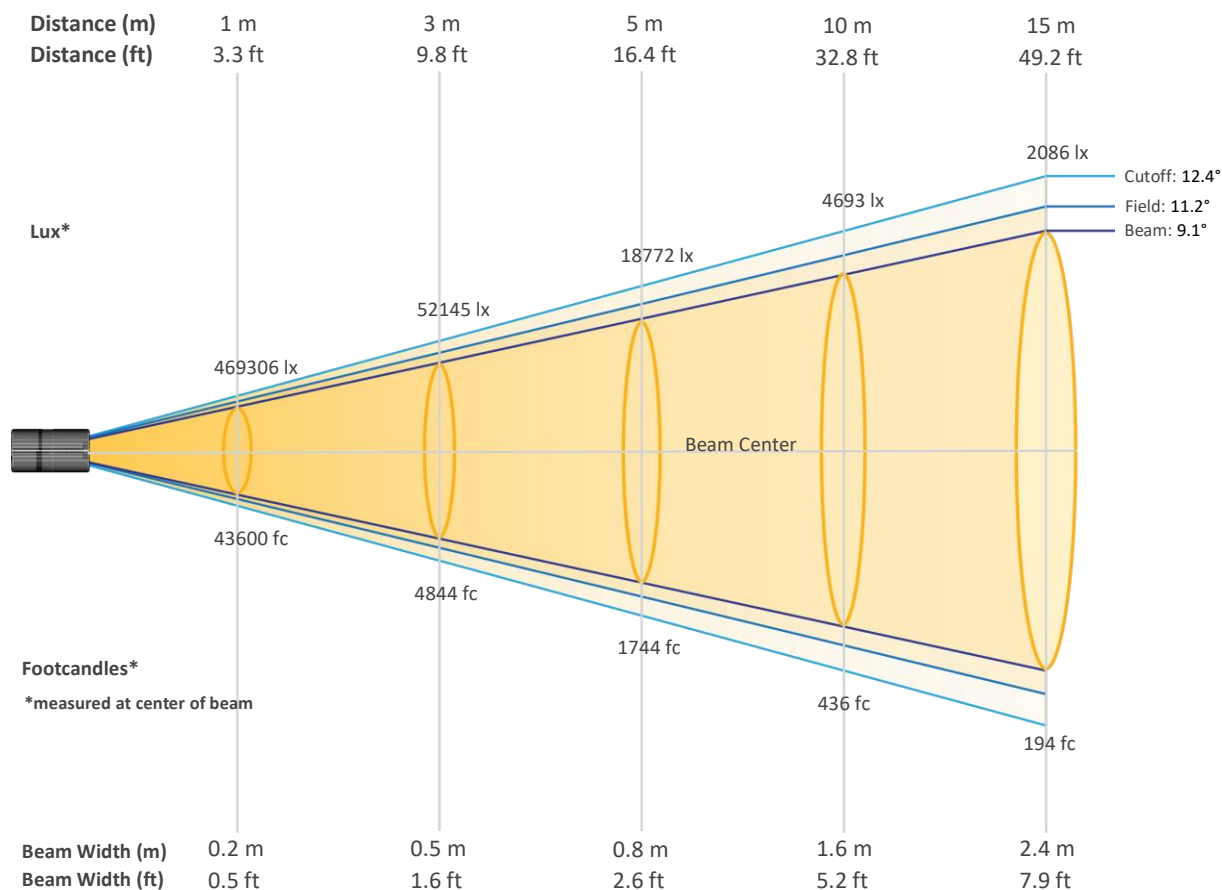
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan ECO

Beam Details

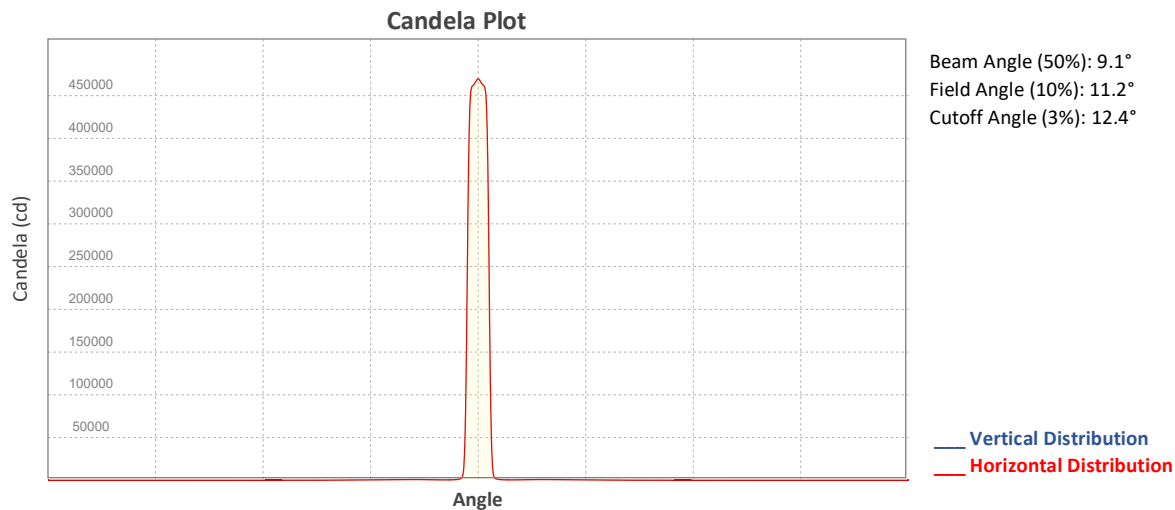


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	469306	117327	52145	29332	18772	13036	9578	7333	5794	4693
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3879	3259	2777	2394	2086	1833	1624	1448	1300	1173
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	43600	10900	4844	2725	1744	1211	890	681	538	436
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	360	303	258	222	194	170	151	135	121	109

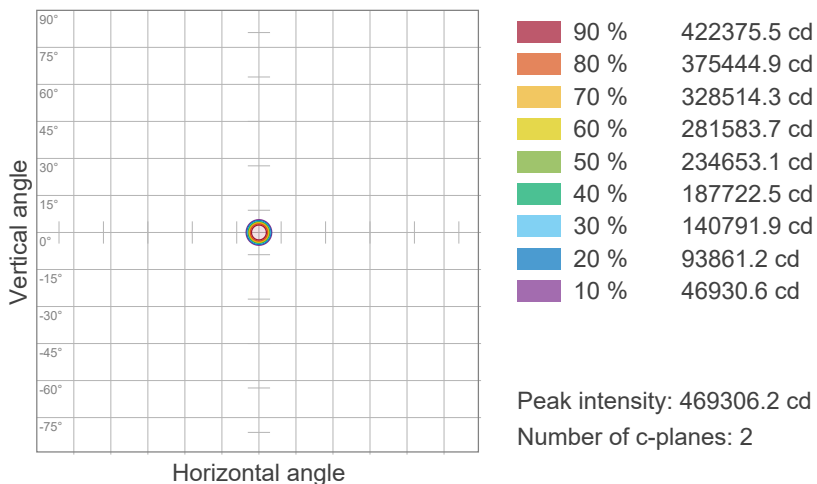
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan ECO

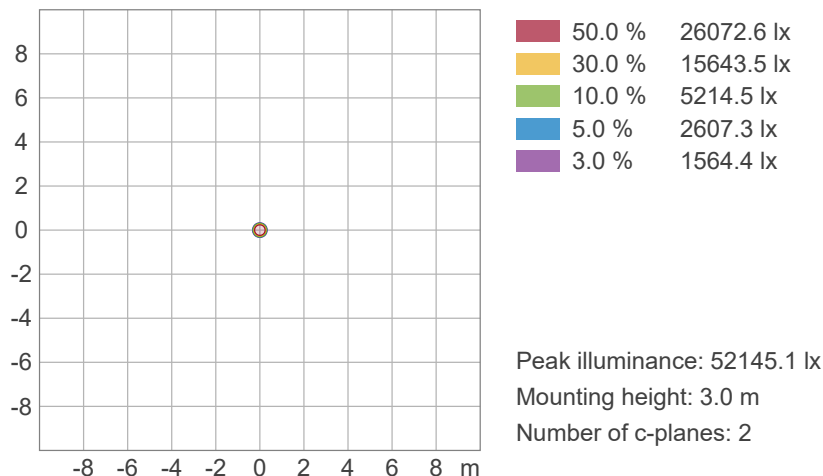


ISO Diagrams

ISO Candela Diagram



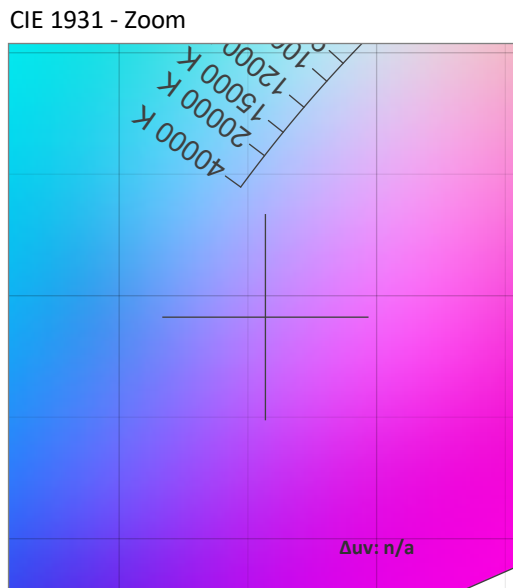
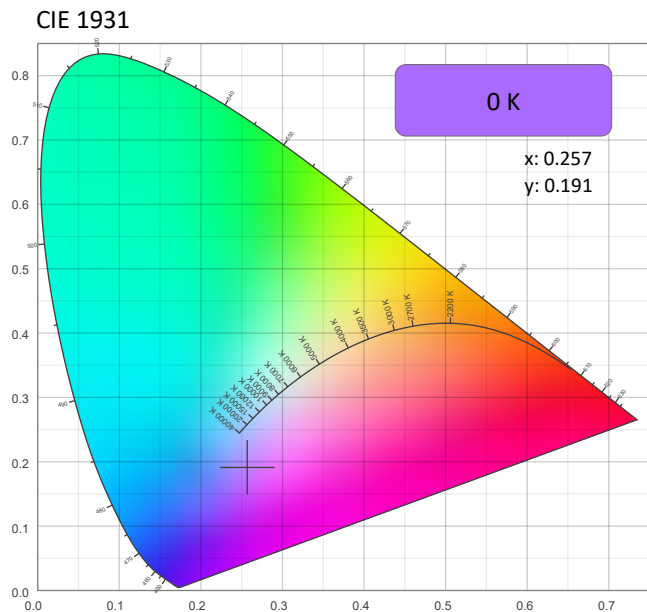
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan ECO

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	0.257	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.215

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

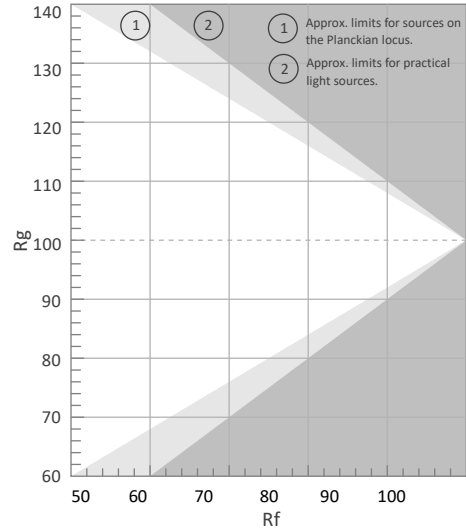
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan ECO

TM-30 Details

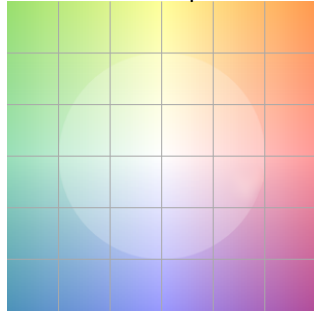
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

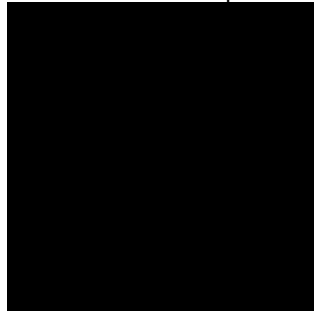
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



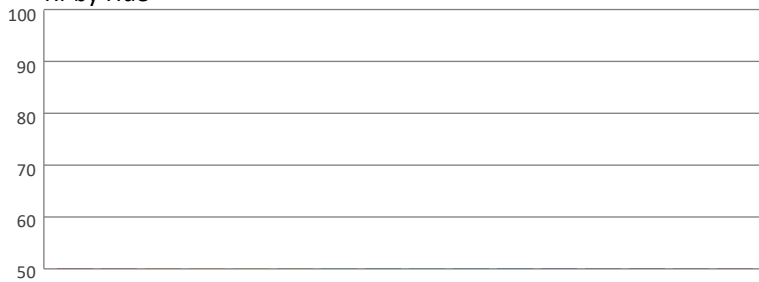
Color Vector Graphic



Color Distortion Graphic



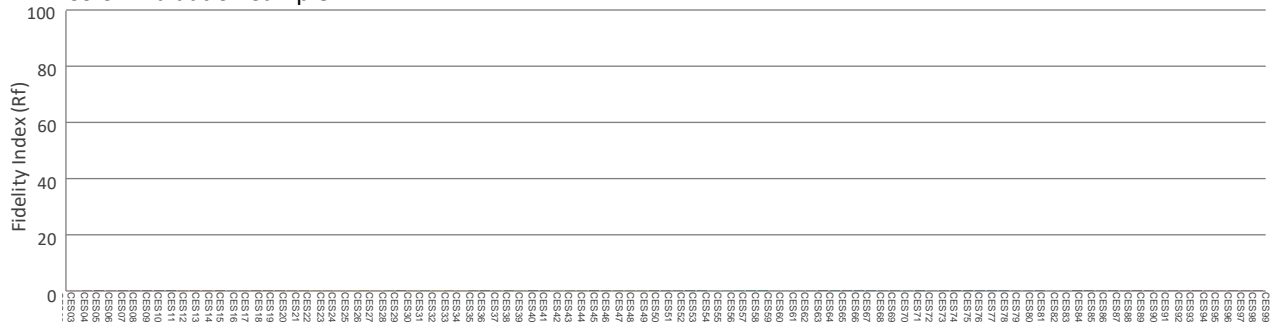
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Full

Report Summary

Measurements

Fixture Output: 11830 lm
Fixture Peak: 471490 cd
Fixture Efficacy: 20 lm/W
Intensity @ 5m: 18860 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%): 9.1°
Field Angle (10%): 11.2°
Cutoff Angle (3%): 12.4°

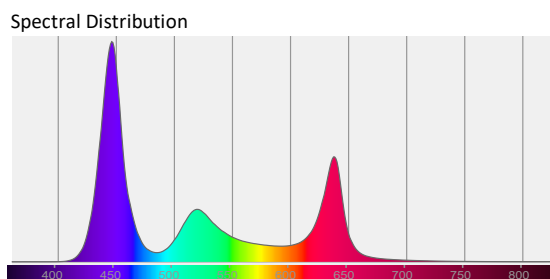
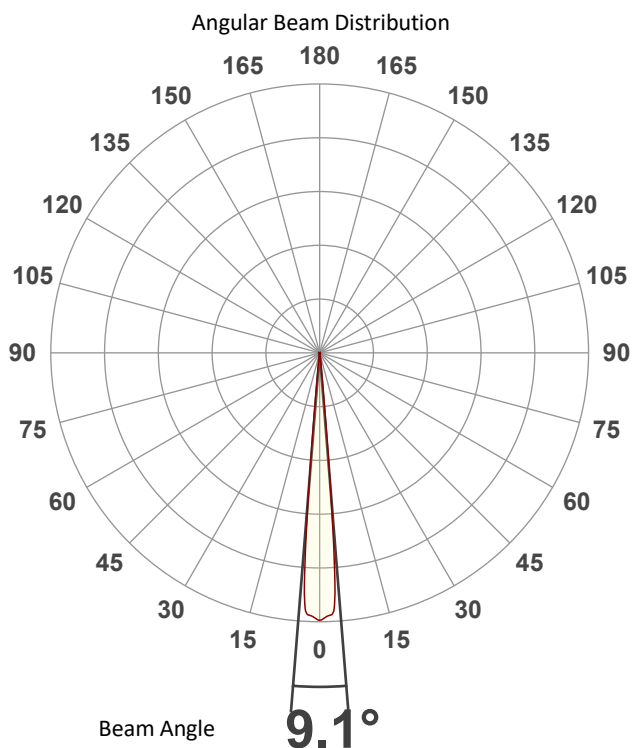


Conditions

AC Supply: 108 V, 60 Hz
Power: 580.19 W
Current: 5.37 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.257

Y: 0.191



Light Quality

CRI: 0.0

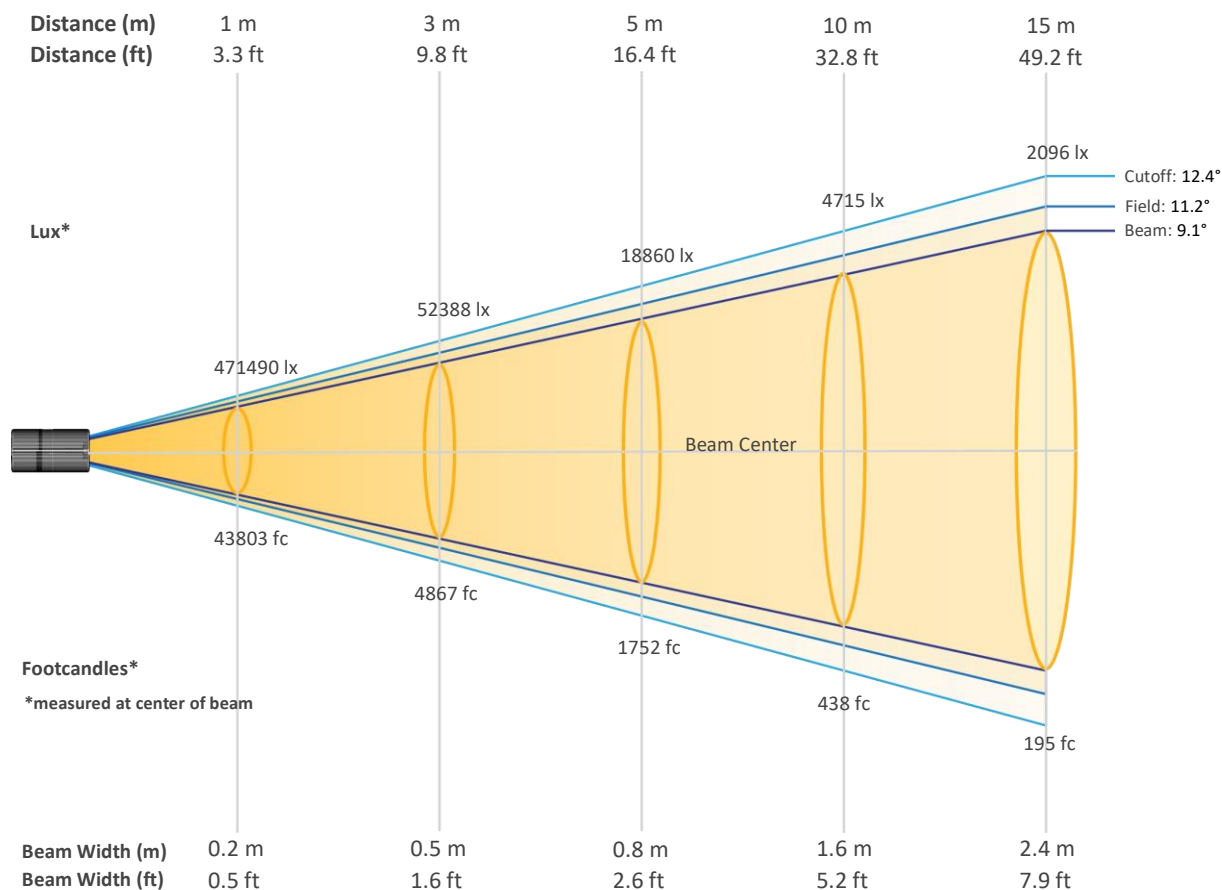
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Full

Beam Details

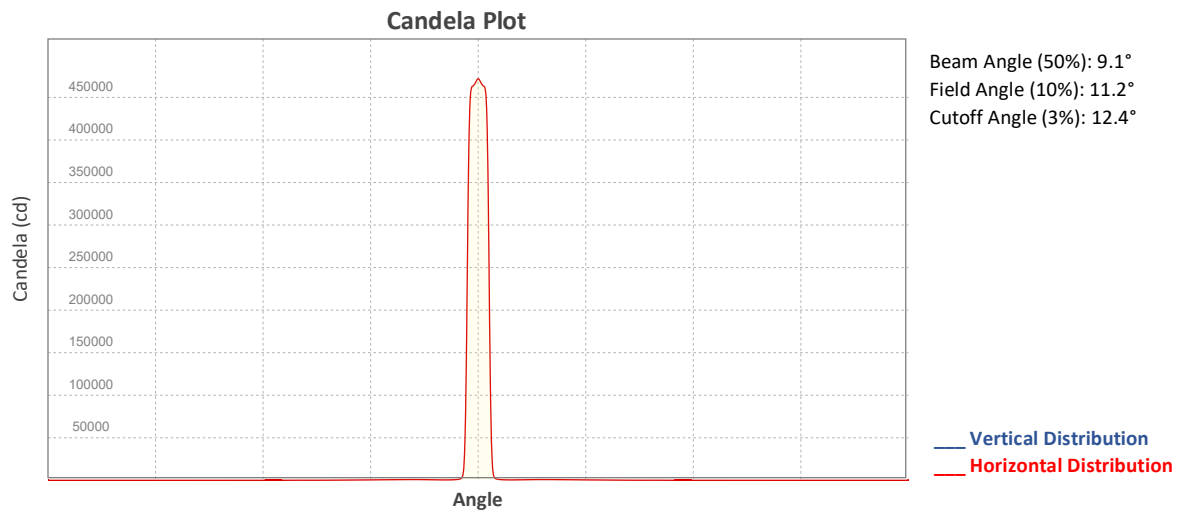


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	471490	117873	52388	29468	18860	13097	9622	7367	5821	4715
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3897	3274	2790	2406	2096	1842	1631	1455	1306	1179
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	43803	10951	4867	2738	1752	1217	894	684	541	438
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	362	304	259	223	195	171	152	135	121	110

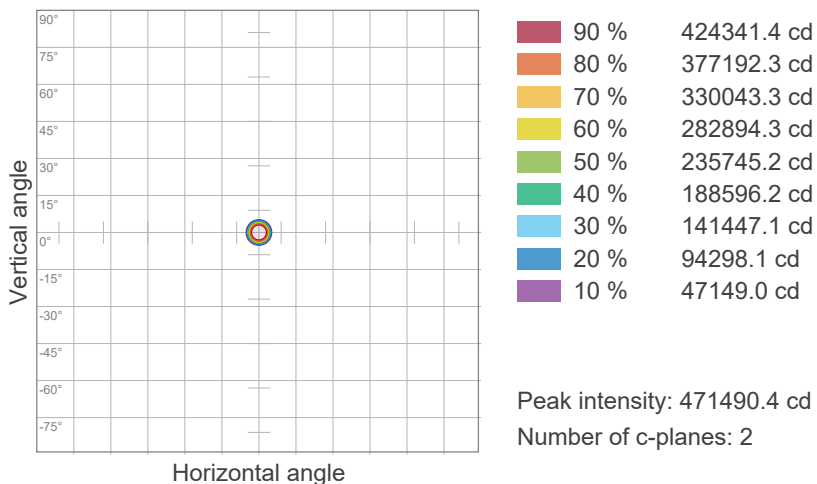
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Full

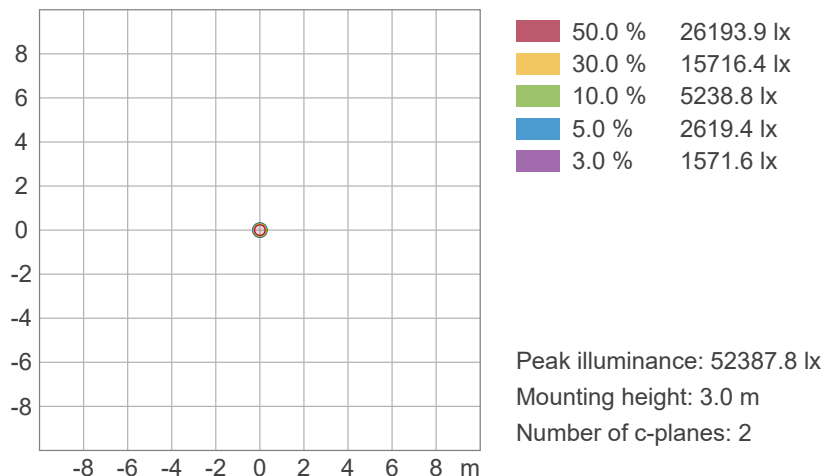


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

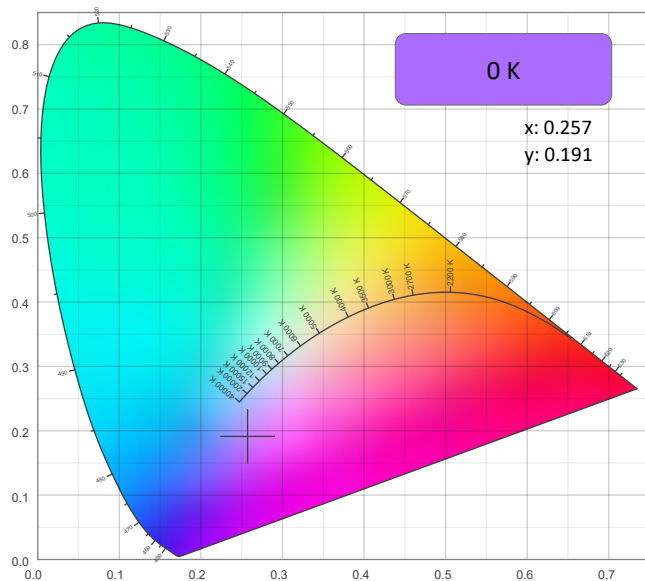


Photometric & Chromaticity Report

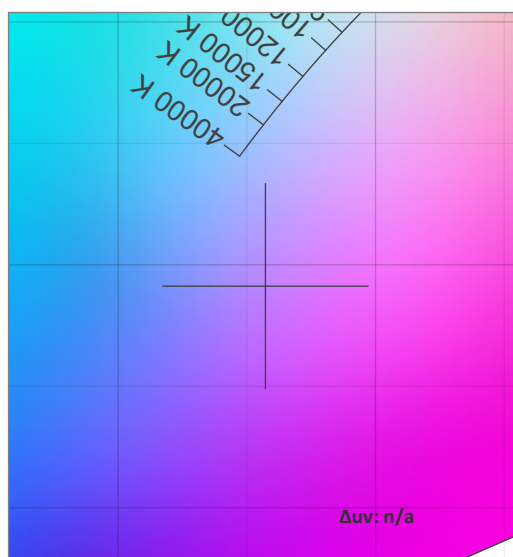
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Full

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.257	0.191

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.191	0.215

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

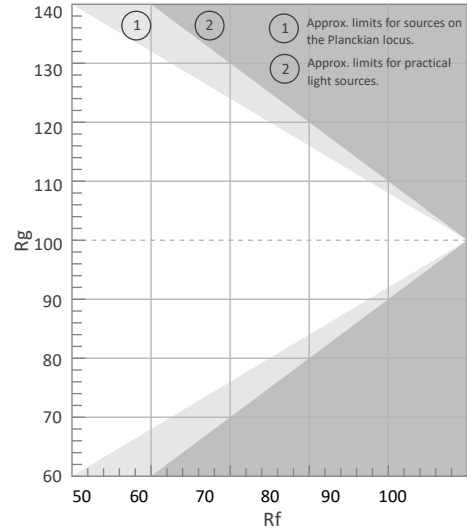
Rogue Outcast 3X Wash: Full Spot - Full Power - Cali OFF - Fan Full

TM-30 Details

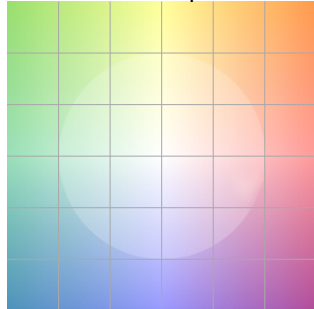
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

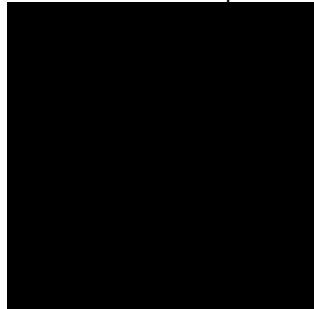
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



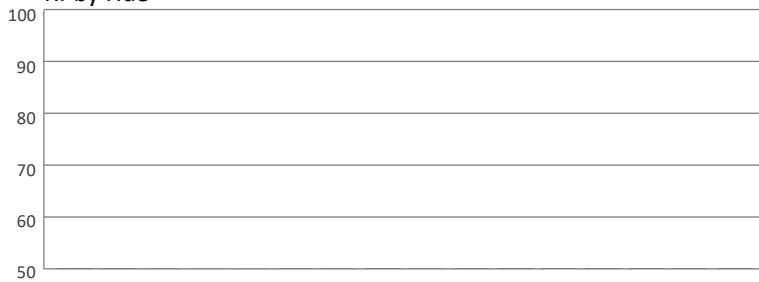
Color Vector Graphic



Color Distortion Graphic



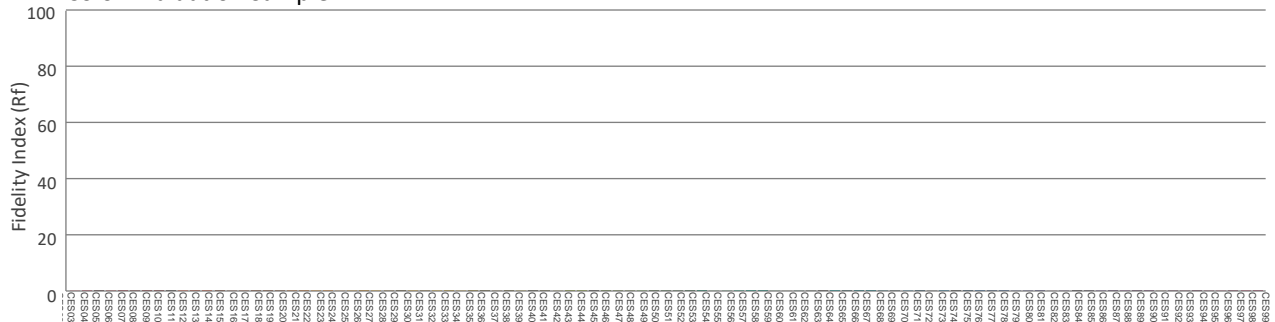
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Auto

Report Summary

Measurements

Fixture Output: 11156 lm
Fixture Peak: 119304 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 4772 lux
Color Temperature: 7516 K
CRI: 68.5 CRI R9 Value: -48.3
CQS: 82.5
TLCI: 53
TM-30 Rf: 75.7
TM-30 Rg: 120.0
Beam Angle (50%): 16.8°
Field Angle (10%): 27.8°
Cutoff Angle (3%): 34.5°

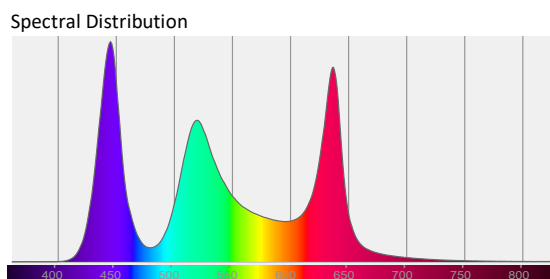
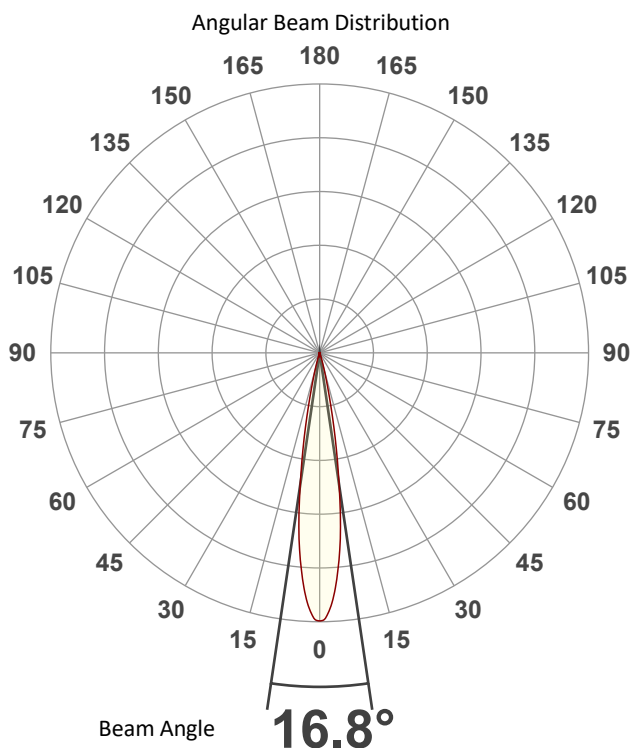


Conditions

AC Supply: 112 V, 60 Hz
Power: 423.2 W
Current: 3.79 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

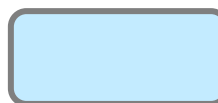
Overall Measurement



Tested Color (CIE 1931):

X: 0.301

Y: 0.307



Light Quality

CRI: 68.5

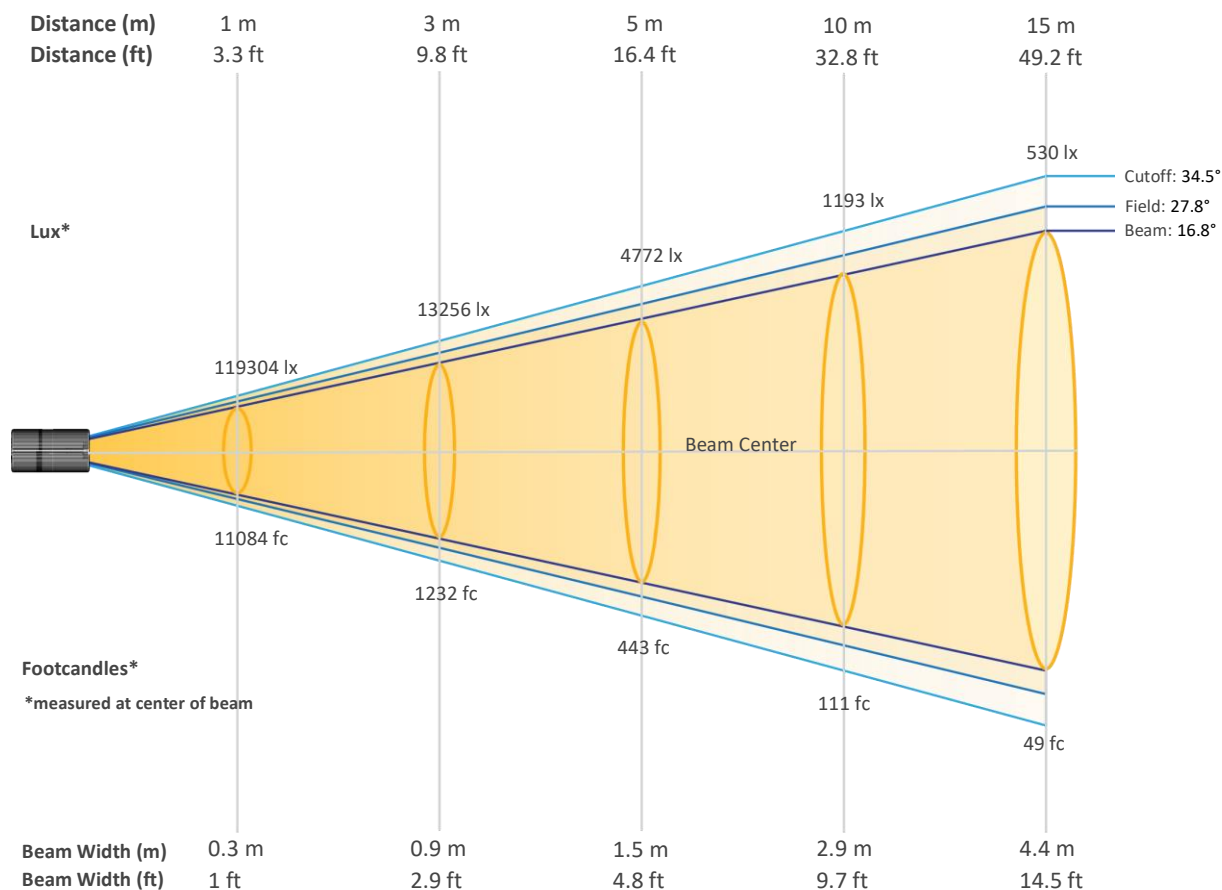
Color Temperature

7516 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Auto

Beam Details

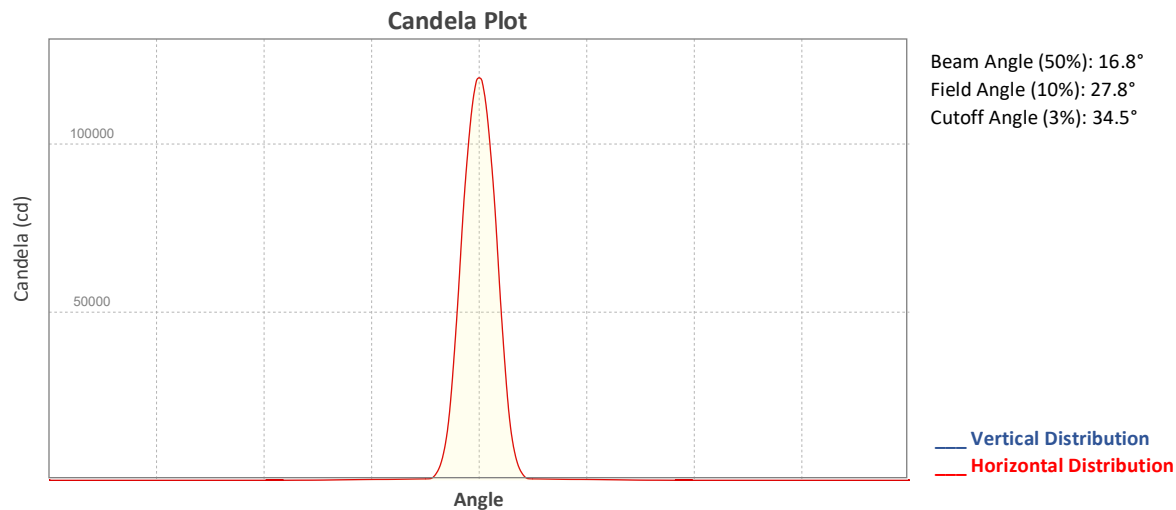


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	119304	29826	13256	7457	4772	3314	2435	1864	1473	1193
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	986	829	706	609	530	466	413	368	330	298
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11084	2771	1232	693	443	308	226	173	137	111
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	92	77	66	57	49	43	38	34	31	28

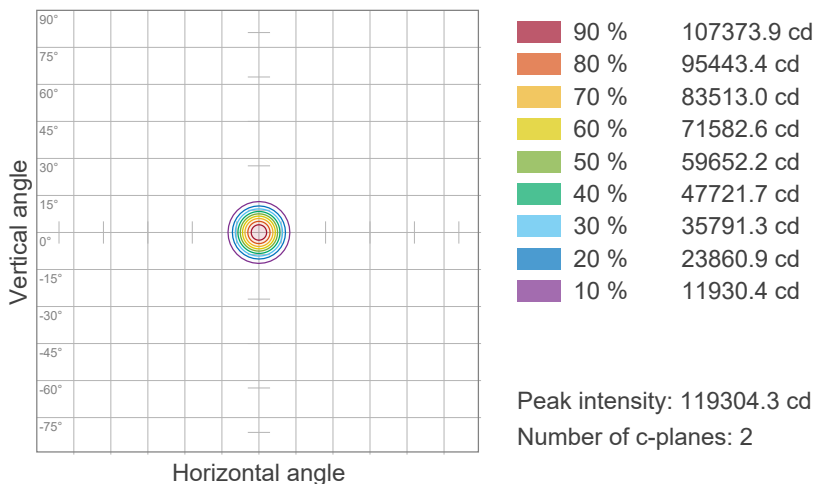
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Auto

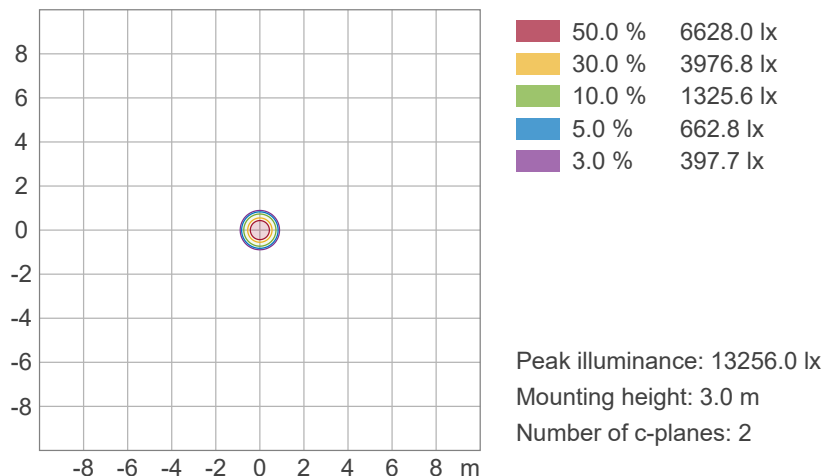


ISO Diagrams

ISO Candela Diagram



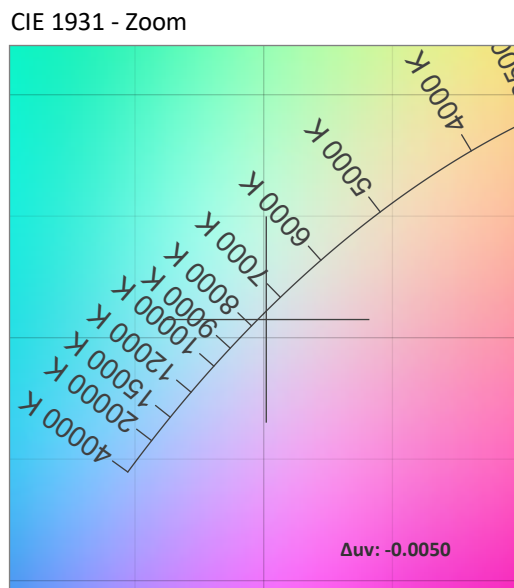
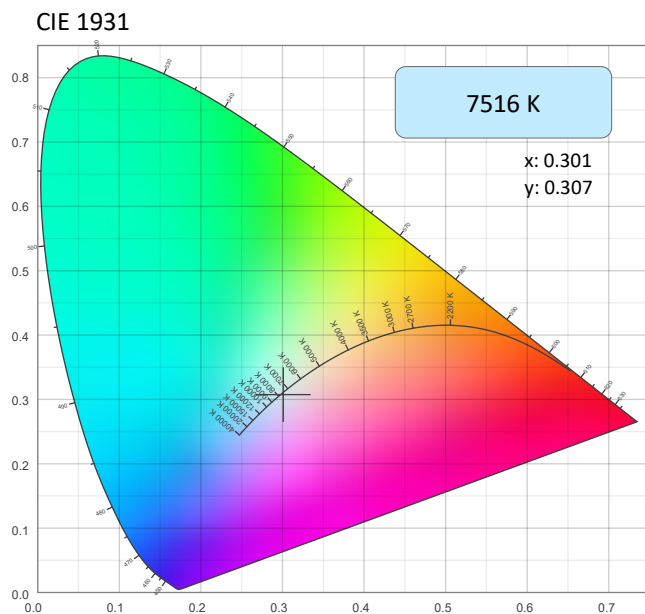
ISO Lux Diagram



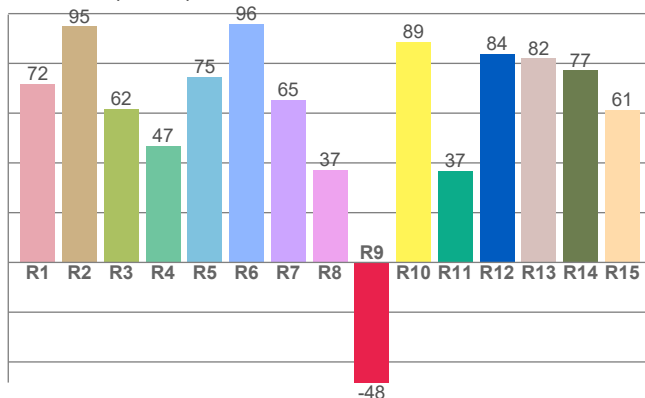
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Auto

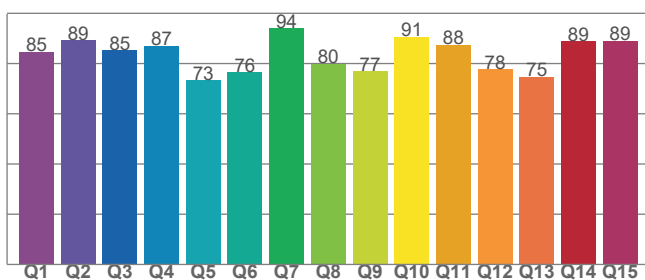
Chromaticity



CRI: 68.5 (R1-R8)



CQS: 82.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7516 K	0.301	0.307

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0050	0.307	0.198

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.5	-48.3	82.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
53	75.7	120.0

Photometric & Chromaticity Report

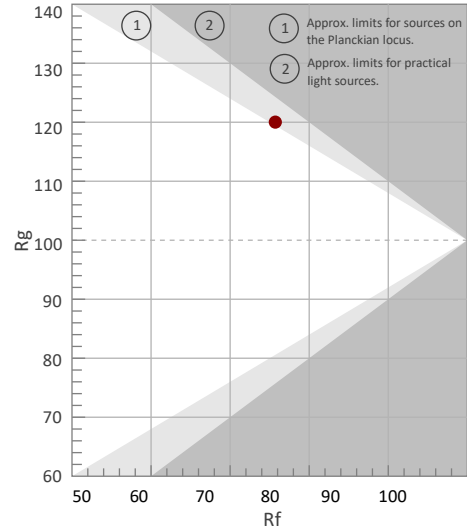
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Auto

TM-30 Details

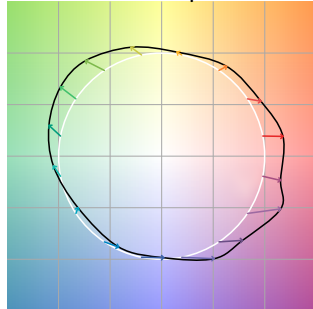
Rf 75.7
Fidelity Index (Rg)

Rg 120.0
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	64	19%	-4%
2	75	10%	-9%
3	85	7%	-4%
4	89	2%	5%
5	79	9%	9%
6	71	18%	10%
7	71	19%	-1%
8	74	13%	-8%
9	85	5%	-11%
10	89	-5%	-4%
11	71	-4%	14%
12	72	-4%	21%
13	69	7%	30%
14	65	12%	20%
15	62	24%	22%
16	67	18%	-1%



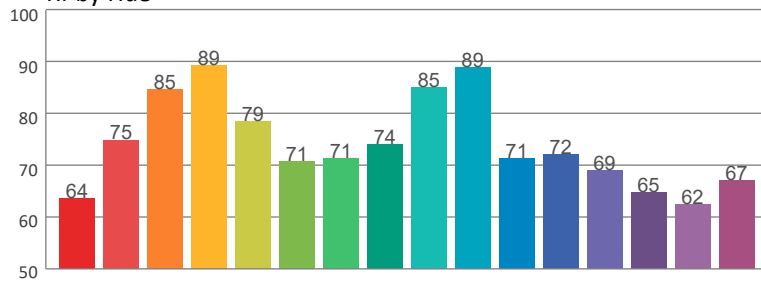
Color Vector Graphic



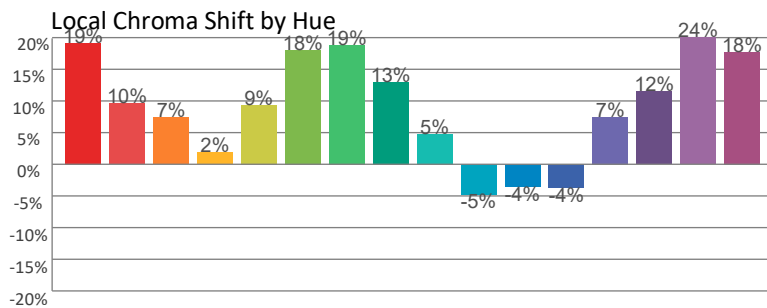
Color Distortion Graphic



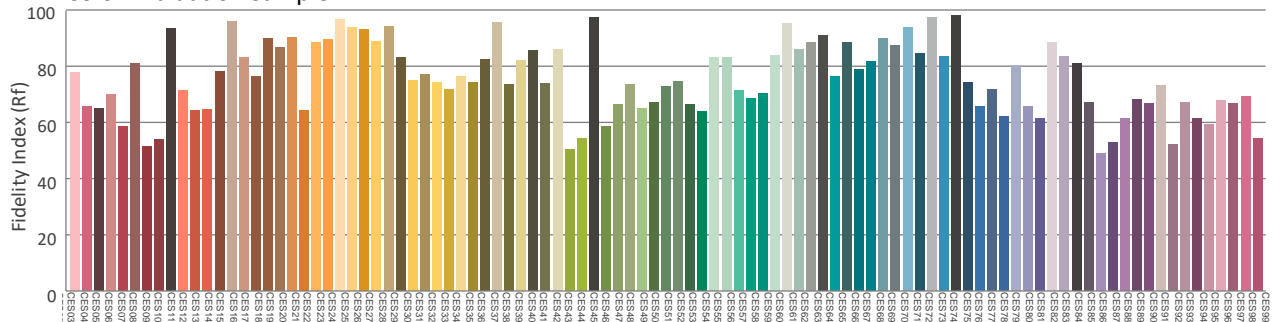
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan ECO

Report Summary

Measurements

Fixture Output: 10952 lm
Fixture Peak: 118293 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 4732 lux
Color Temperature: 7599 K
CRI: 69.1 CRI R9 Value: -45.8
CQS: 82.8
TLCI: 54
TM-30 Rf: 76.1
TM-30 Rg: 119.5
Beam Angle (50%): 16.7°
Field Angle (10%): 27.8°
Cutoff Angle (3%): 34.4°

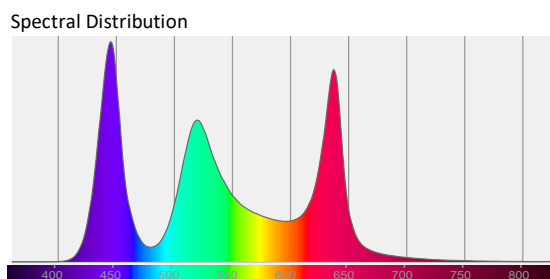
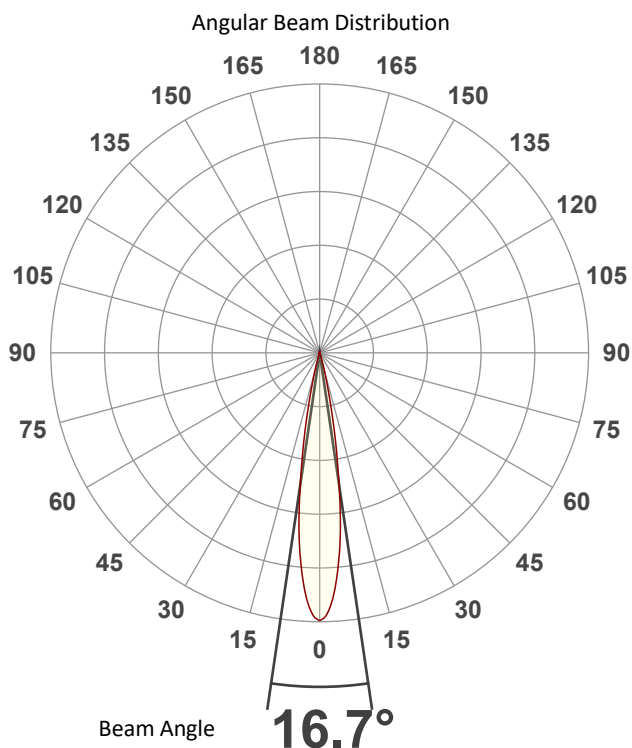


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 423.1 W
Current: 3.79 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

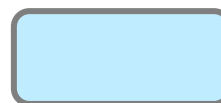
Overall Measurement



Tested Color (CIE 1931):

X: 0.300

Y: 0.308



Light Quality

CRI: 69.1

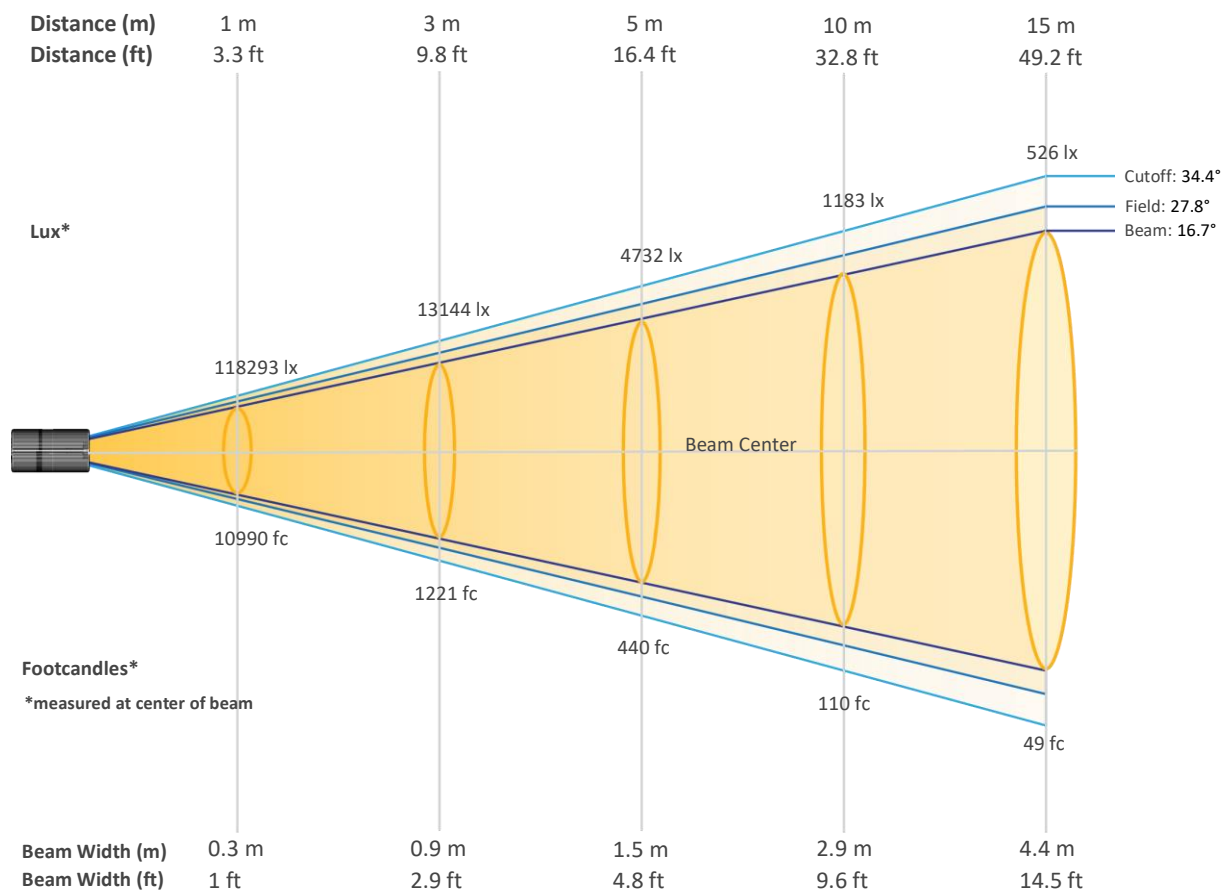
Color Temperature

7599 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan ECO

Beam Details

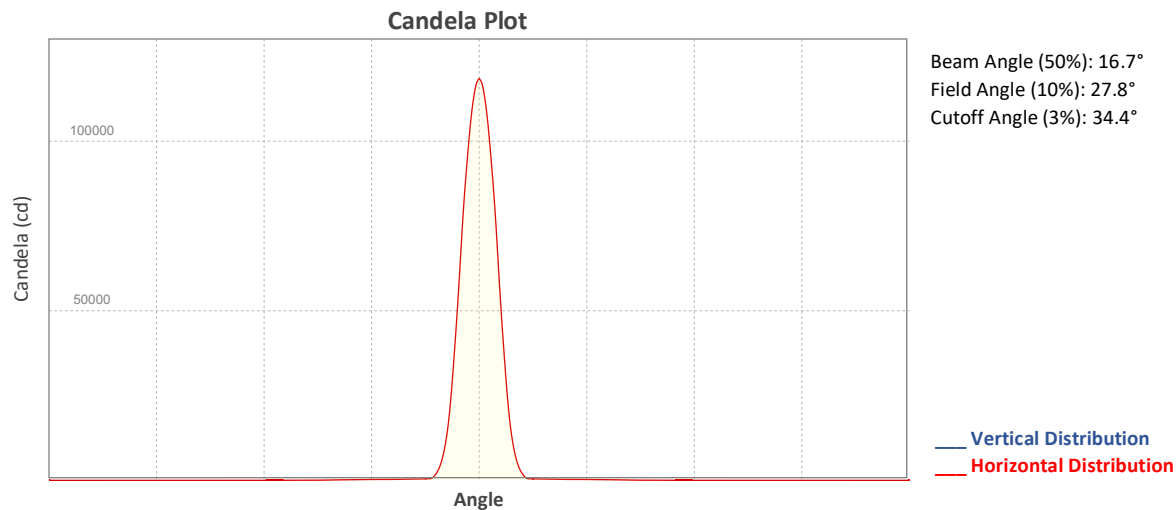


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	118293	29573	13144	7393	4732	3286	2414	1848	1460	1183
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	978	821	700	604	526	462	409	365	328	296
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10990	2747	1221	687	440	305	224	172	136	110
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	91	76	65	56	49	43	38	34	30	27

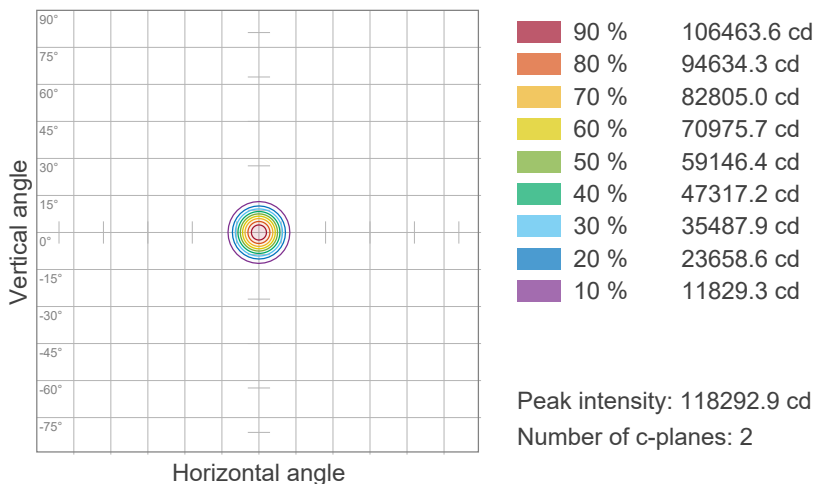
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan ECO

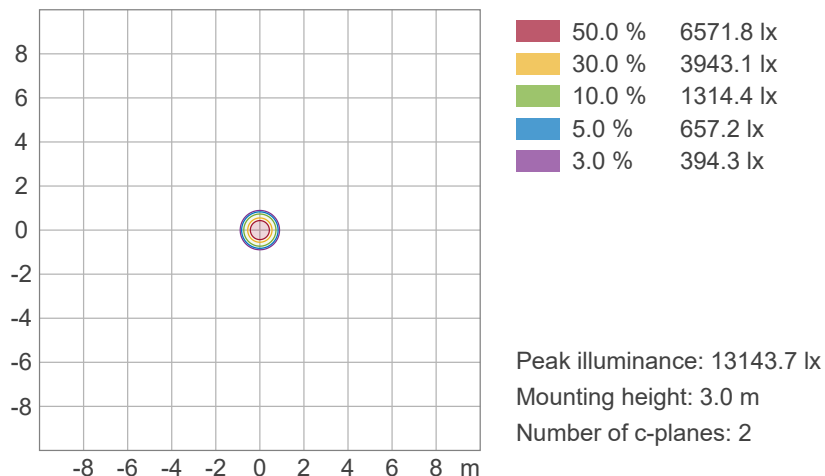


ISO Diagrams

ISO Candela Diagram



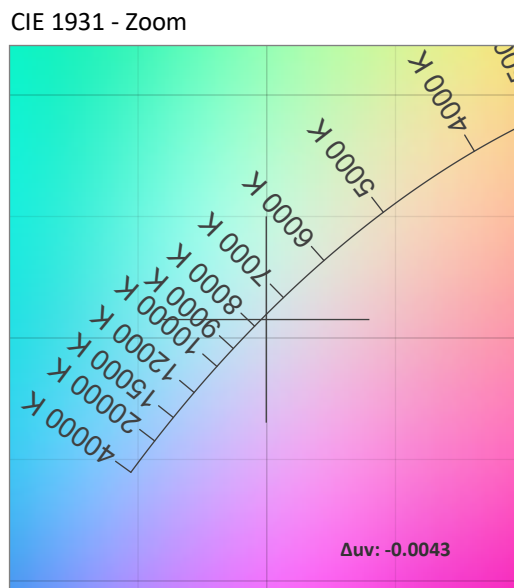
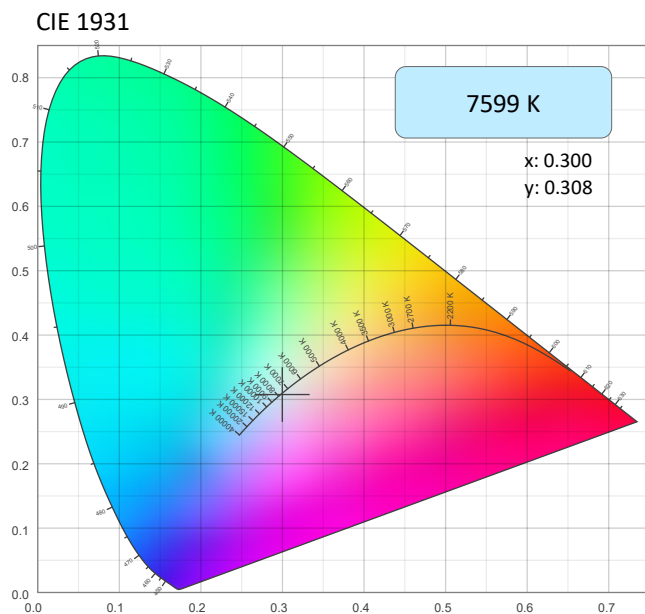
ISO Lux Diagram



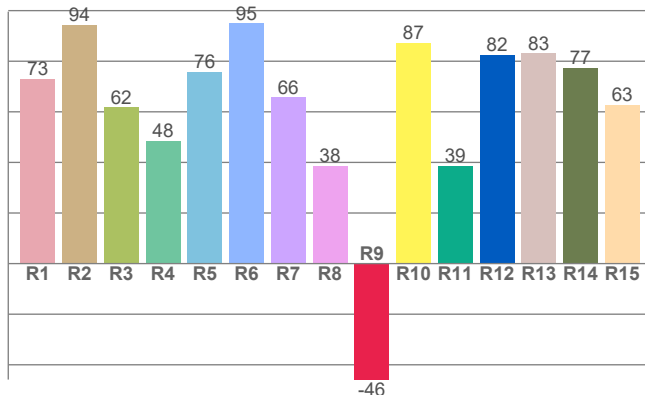
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan ECO

Chromaticity



CRI: 69.1 (R1-R8)

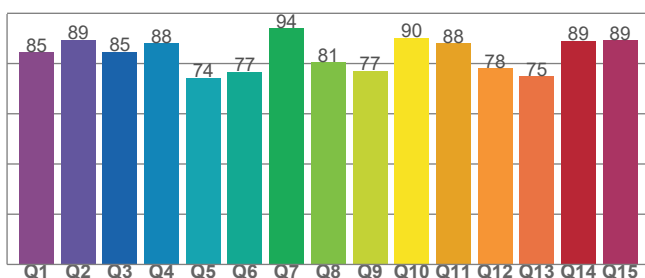


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7599 K	0.300	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0043	0.308	0.197

CQS: 82.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.1	-45.8	82.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
54	76.1	119.5

Photometric & Chromaticity Report

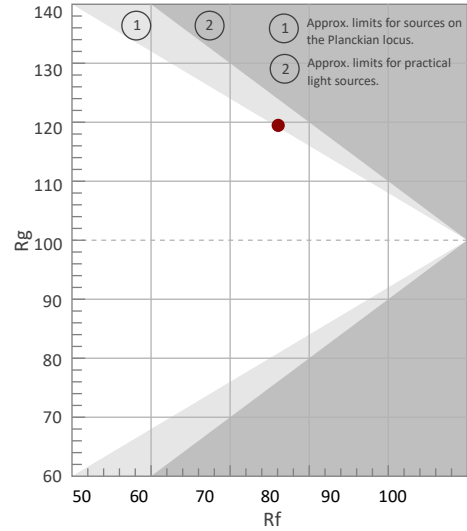
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan ECO

TM-30 Details

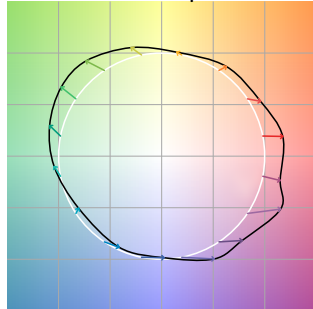
Rf 76.1
Fidelity Index (Rg)

Rg 119.5
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	64	19%	-4%
2	75	9%	-9%
3	85	7%	-4%
4	89	2%	5%
5	79	9%	8%
6	71	18%	10%
7	72	18%	-1%
8	75	12%	-8%
9	86	4%	-10%
10	89	-5%	-3%
11	71	-4%	15%
12	72	-4%	21%
13	69	8%	30%
14	65	11%	19%
15	63	24%	21%
16	68	17%	-1%



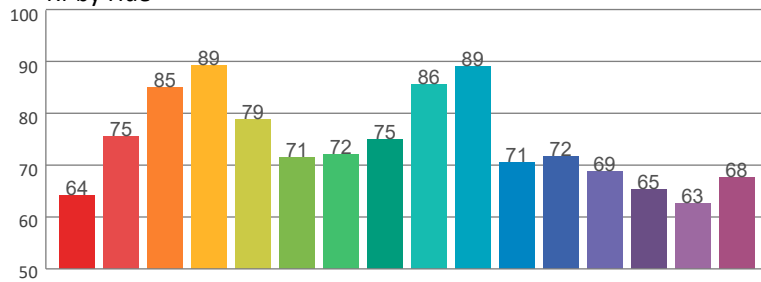
Color Vector Graphic



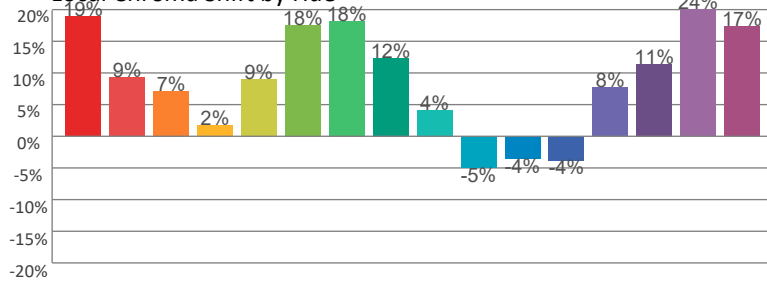
Color Distortion Graphic



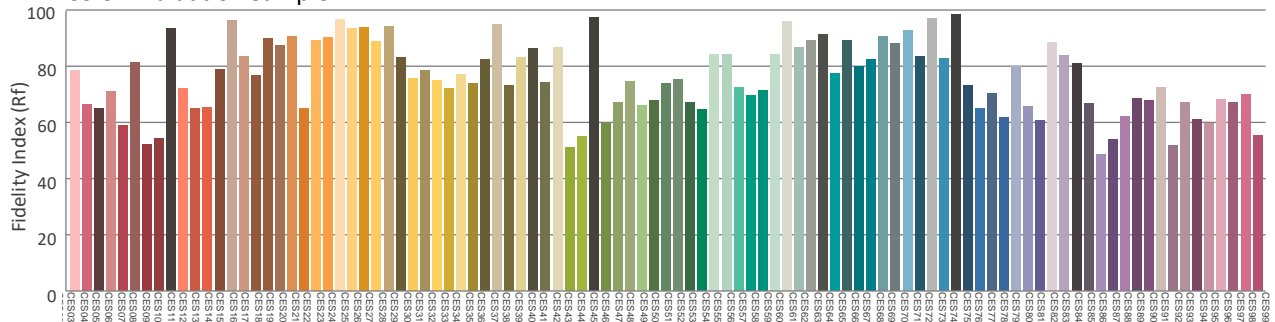
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Full

Report Summary

Measurements

Fixture Output: 11009 lm
Fixture Peak: 118729 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 4749 lux
Color Temperature: 7556 K
CRI: 68.8 CRI R9 Value: -47.0
CQS: 82.7
TLCI: 53
TM-30 Rf: 75.9
TM-30 Rg: 119.7
Beam Angle (50%): 16.7°
Field Angle (10%): 27.8°
Cutoff Angle (3%): 34.4°

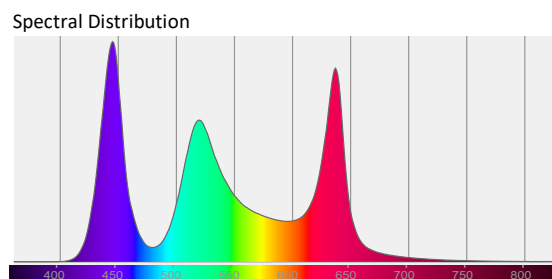
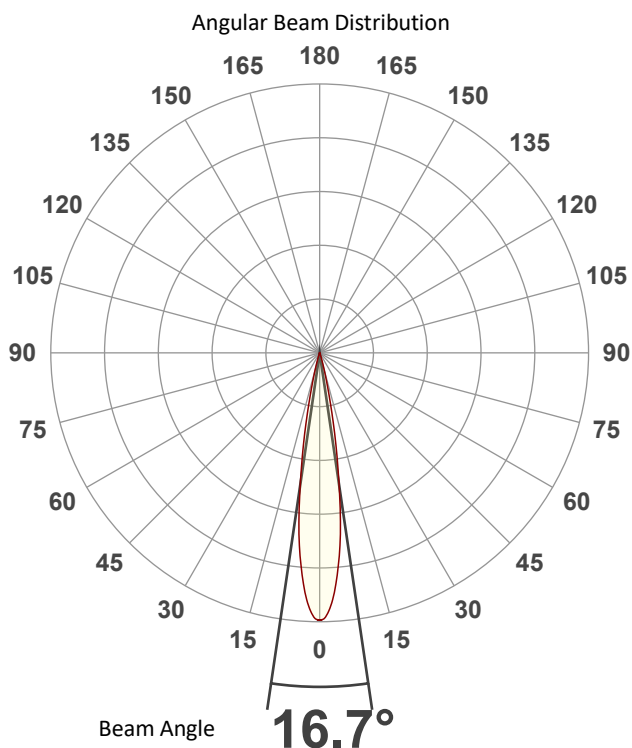


Conditions

AC Supply: 112 V, 60.1 Hz
Power: 418.95 W
Current: 3.74 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

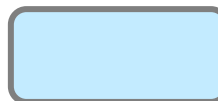
Overall Measurement



Tested Color (CIE 1931):

X: 0.300

Y: 0.308



Light Quality

CRI: 68.8

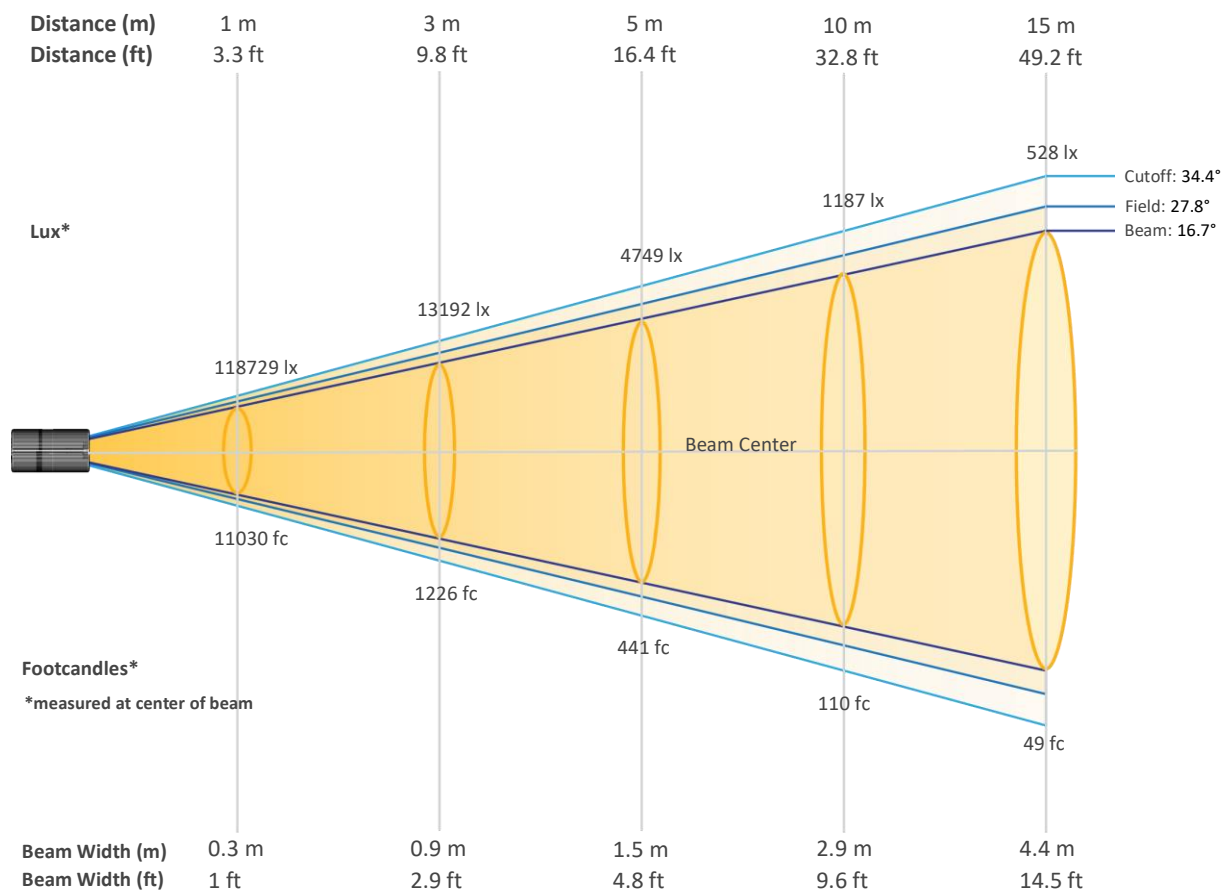
Color Temperature

7556 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Full

Beam Details

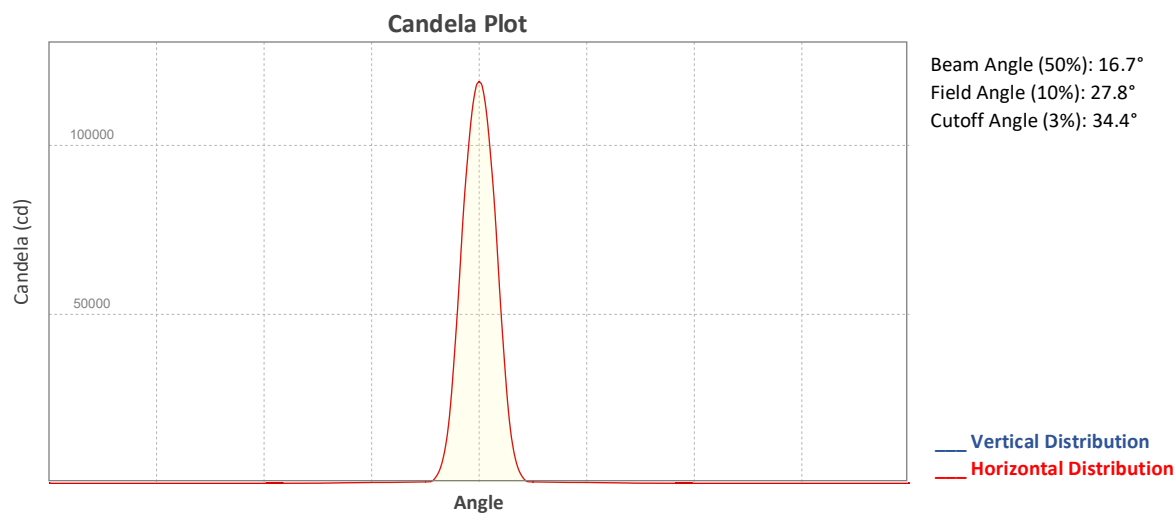


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	118729	29682	13192	7421	4749	3298	2423	1855	1466	1187
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	981	825	703	606	528	464	411	366	329	297
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11030	2758	1226	689	441	306	225	172	136	110
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	91	77	65	56	49	43	38	34	31	28

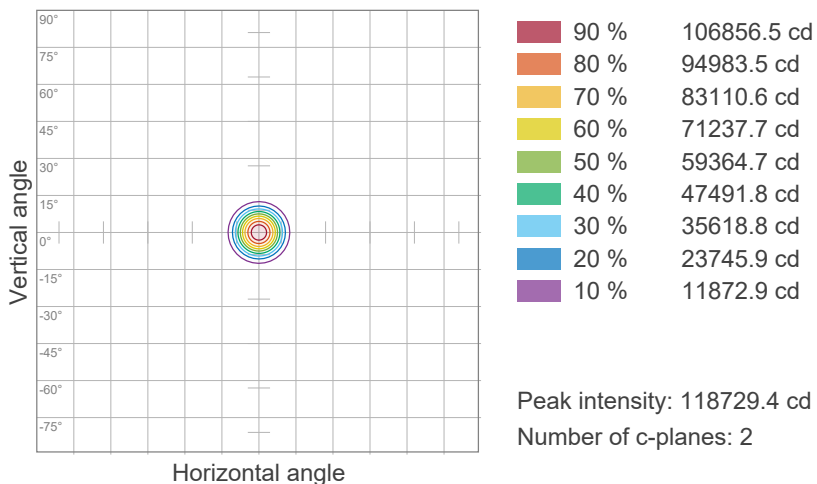
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Full

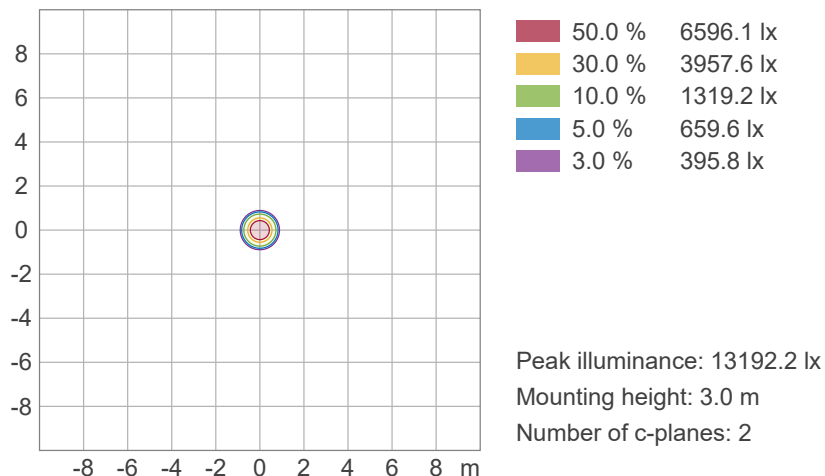


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

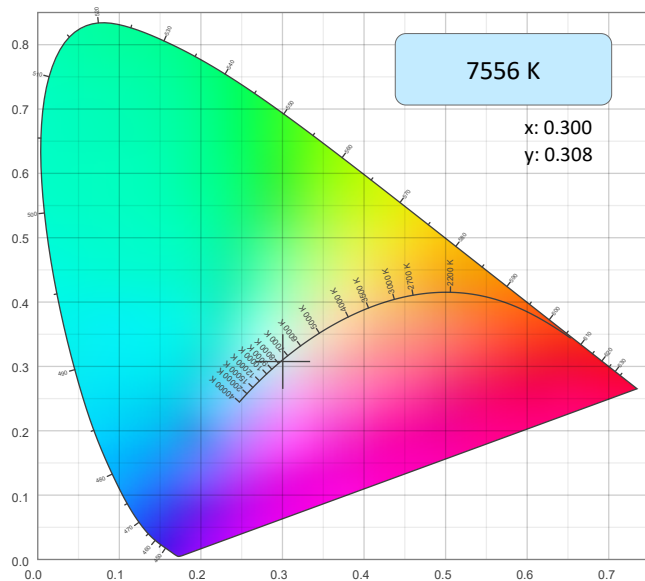


Photometric & Chromaticity Report

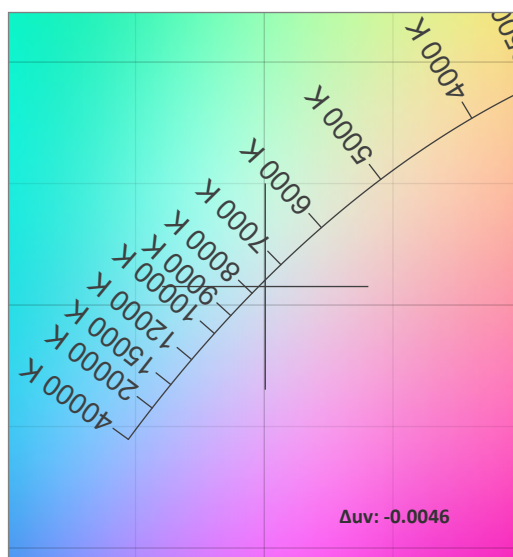
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Full

Chromaticity

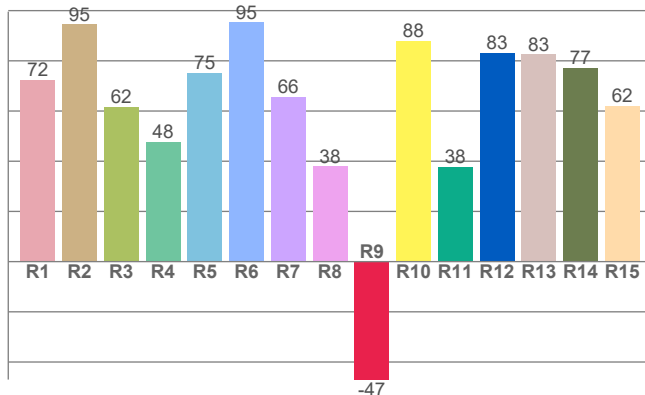
CIE 1931



CIE 1931 - Zoom



CRI: 68.8 (R1-R8)

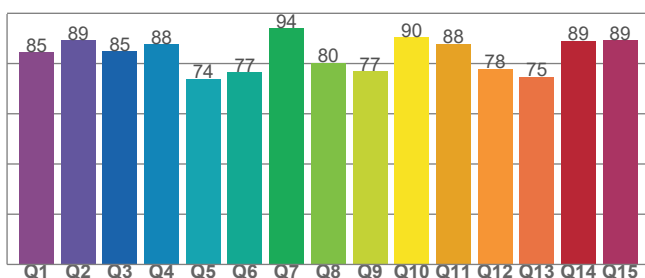


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7556 K	0.300	0.308

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0046	0.308	0.197

CQS: 82.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.8	-47.0	82.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
53	75.9	119.7



Photometric & Chromaticity Report

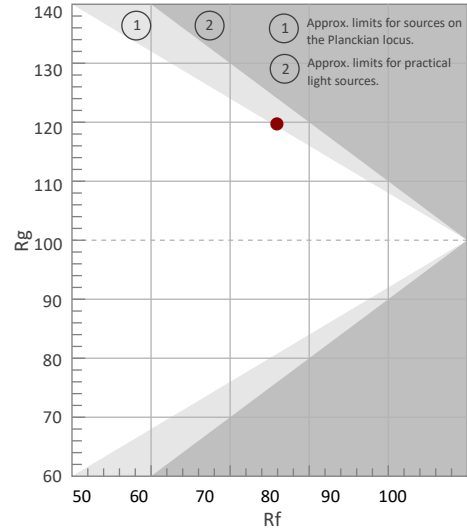
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali On - Fan Full

TM-30 Details

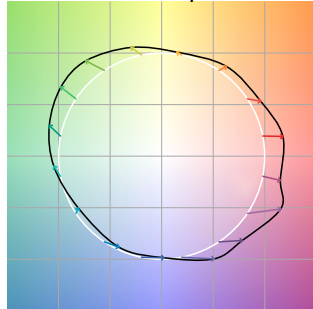
Rf 75.9
Fidelity Index (Rg)

Rg 119.7
Gammut Index (Rg)

Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	64	19%	-4%
2	75	9%	-9%
3	85	7%	-4%
4	89	2%	5%
5	79	9%	8%
6	71	18%	10%
7	72	18%	-1%
8	75	13%	-8%
9	85	4%	-11%
10	89	-5%	-3%
11	71	-4%	14%
12	72	-4%	21%
13	69	8%	30%
14	65	11%	20%
15	63	24%	21%
16	67	18%	-1%



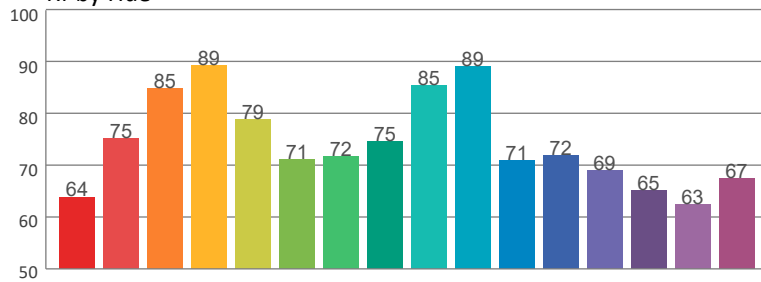
Color Vector Graphic



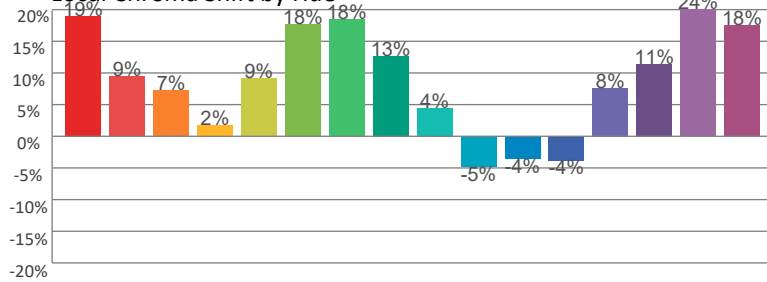
Color Distortion Graphic



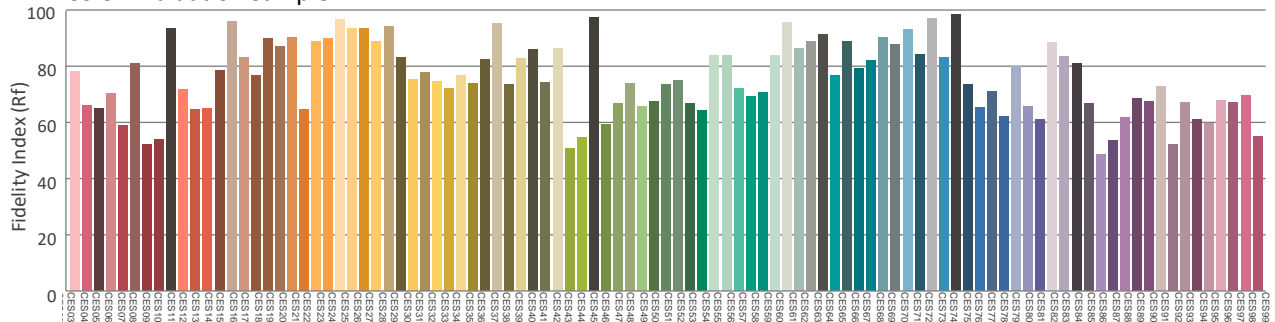
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Auto

Report Summary

Measurements

Fixture Output: 12452 lm
Fixture Peak: 134867 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 5395 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.7°
Field Angle (10%): 27.7°
Cutoff Angle (3%): 34.4°

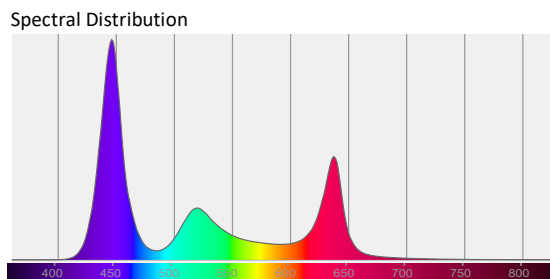
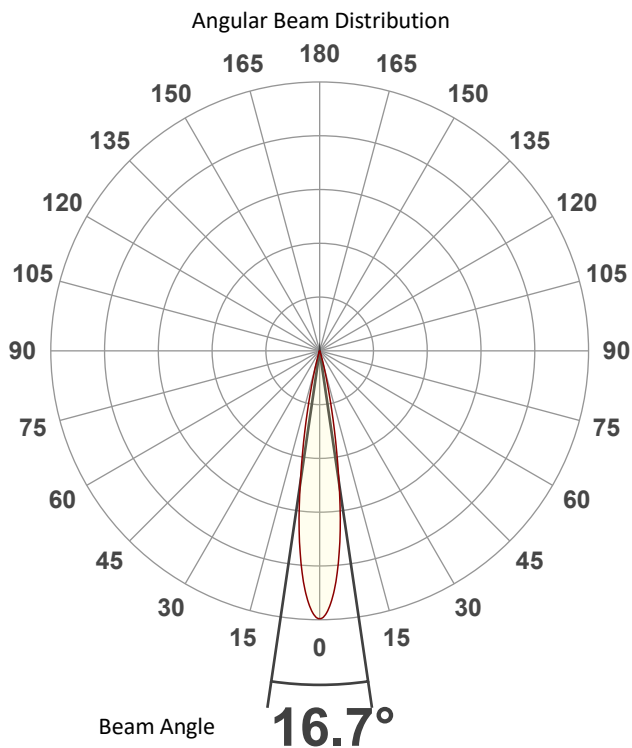


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 577.81 W
Current: 5.31 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.256
Y: 0.190

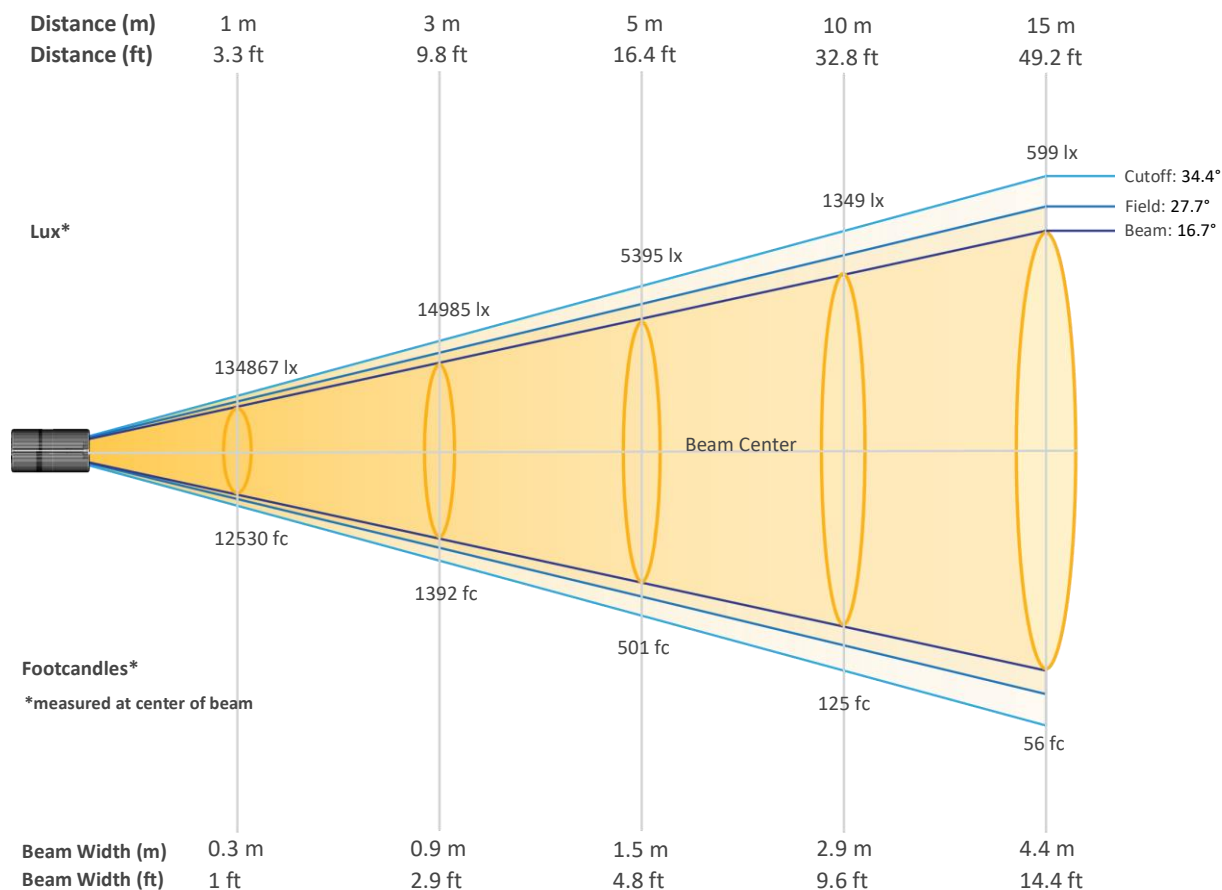
Light Quality
CRI: 0.0

Color Temperature
0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Auto

Beam Details

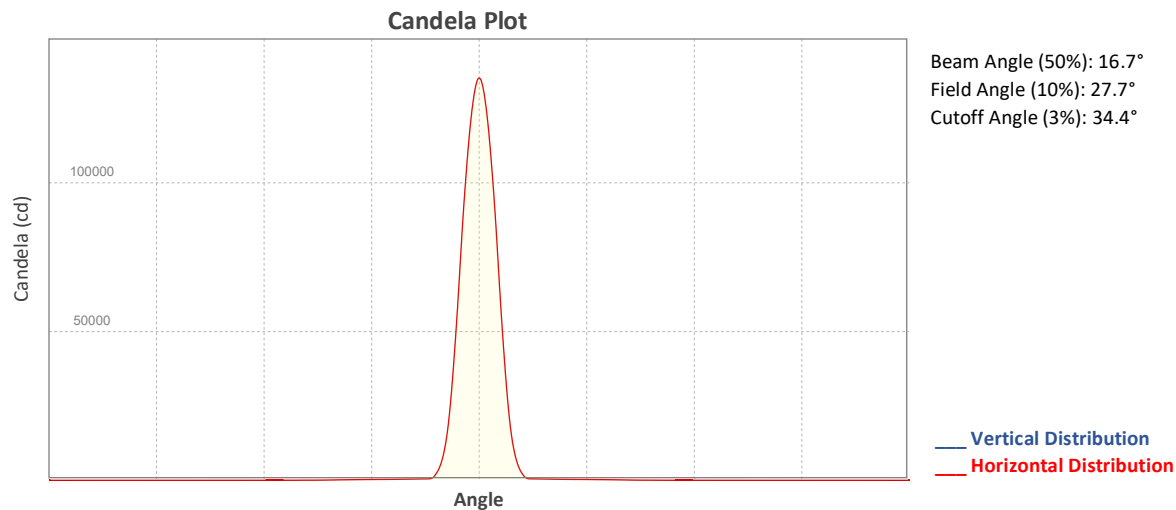


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	134867	33717	14985	8429	5395	3746	2752	2107	1665	1349
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1115	937	798	688	599	527	467	416	374	337
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12530	3132	1392	783	501	348	256	196	155	125
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	104	87	74	64	56	49	43	39	35	31

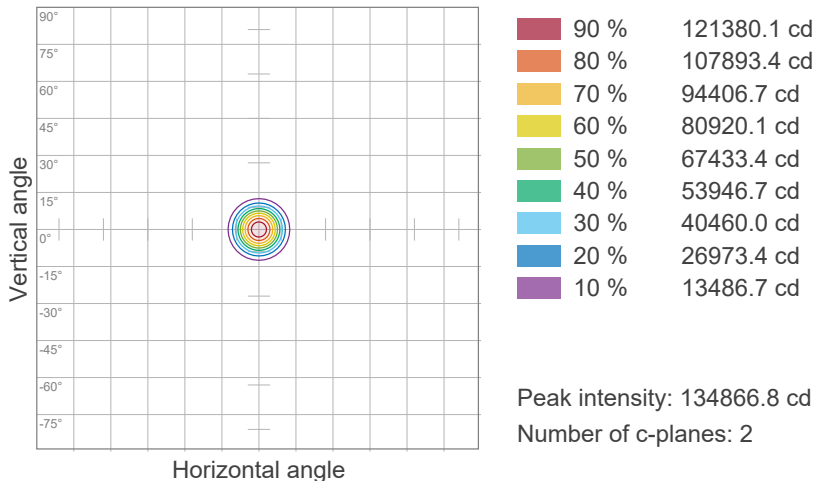
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Auto

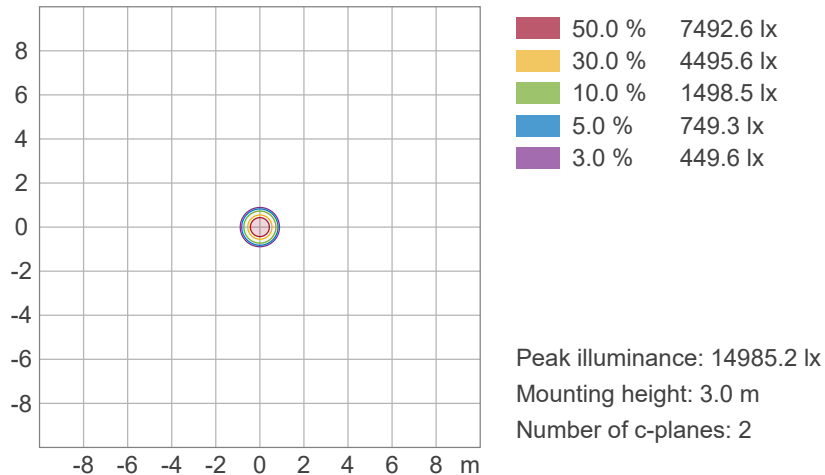


ISO Diagrams

ISO Candela Diagram



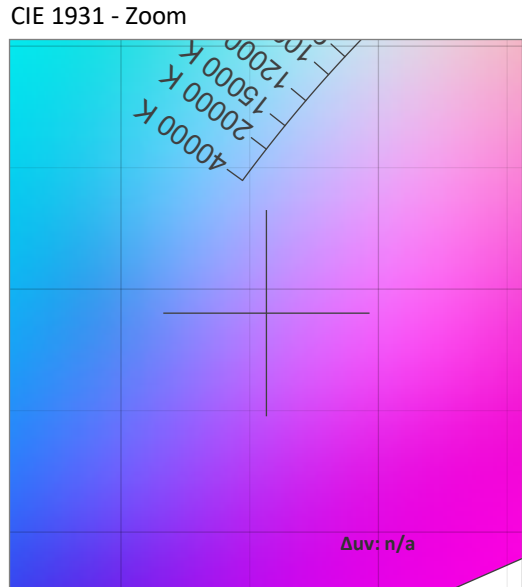
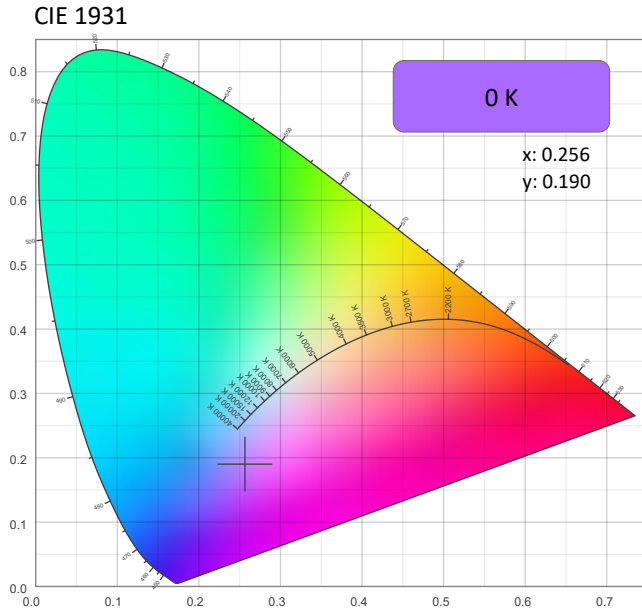
ISO Lux Diagram



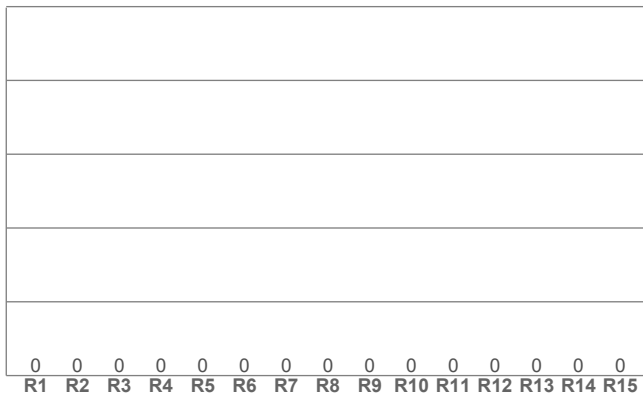
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Auto

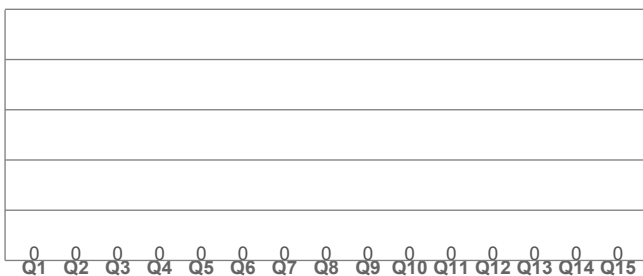
Chromaticity



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.256	0.190

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.190	0.215

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

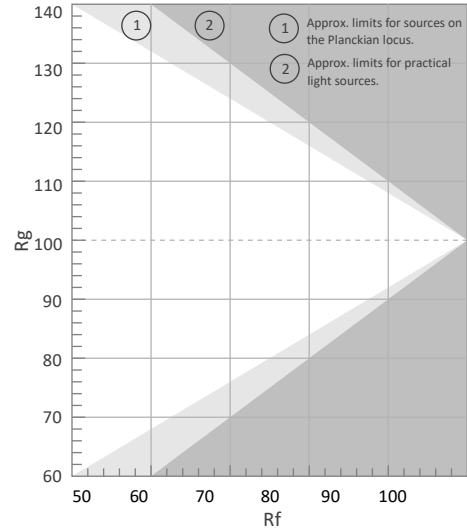
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Auto

TM-30 Details

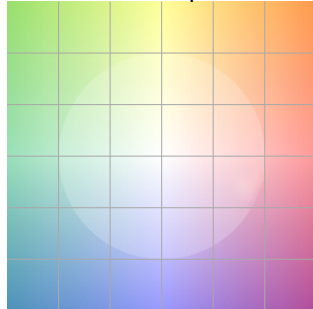
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

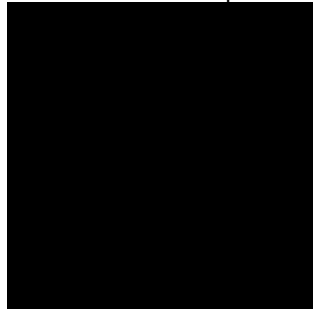
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



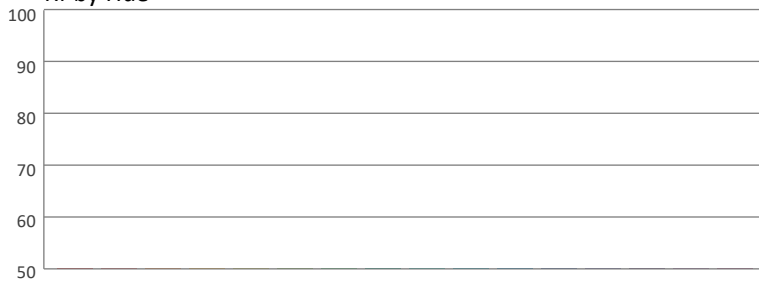
Color Vector Graphic



Color Distortion Graphic



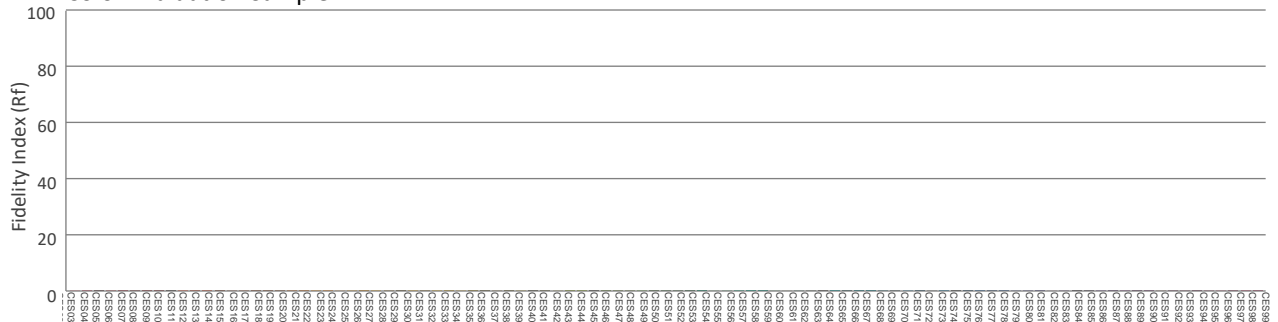
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan ECO

Report Summary

Measurements

Fixture Output: 12404 lm
Fixture Peak: 133261 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 5330 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.8°
Field Angle (10%): 27.8°
Cutoff Angle (3%): 34.6°

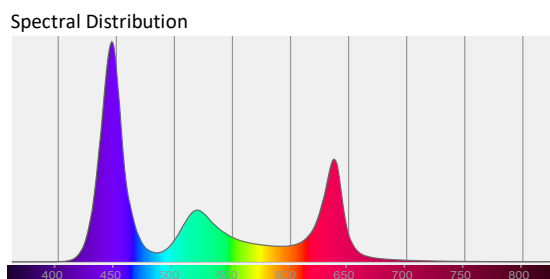
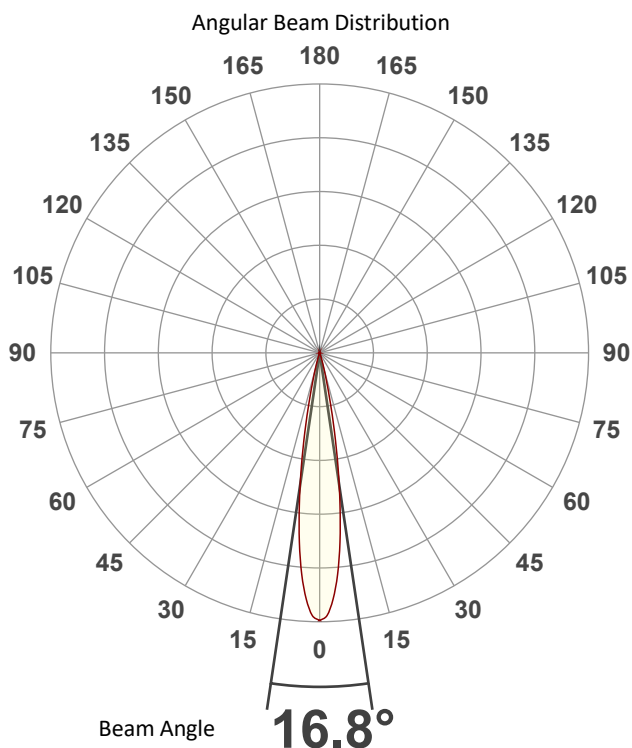


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 577.01 W
Current: 5.31 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.256

Y: 0.190



Light Quality

CRI: 0.0

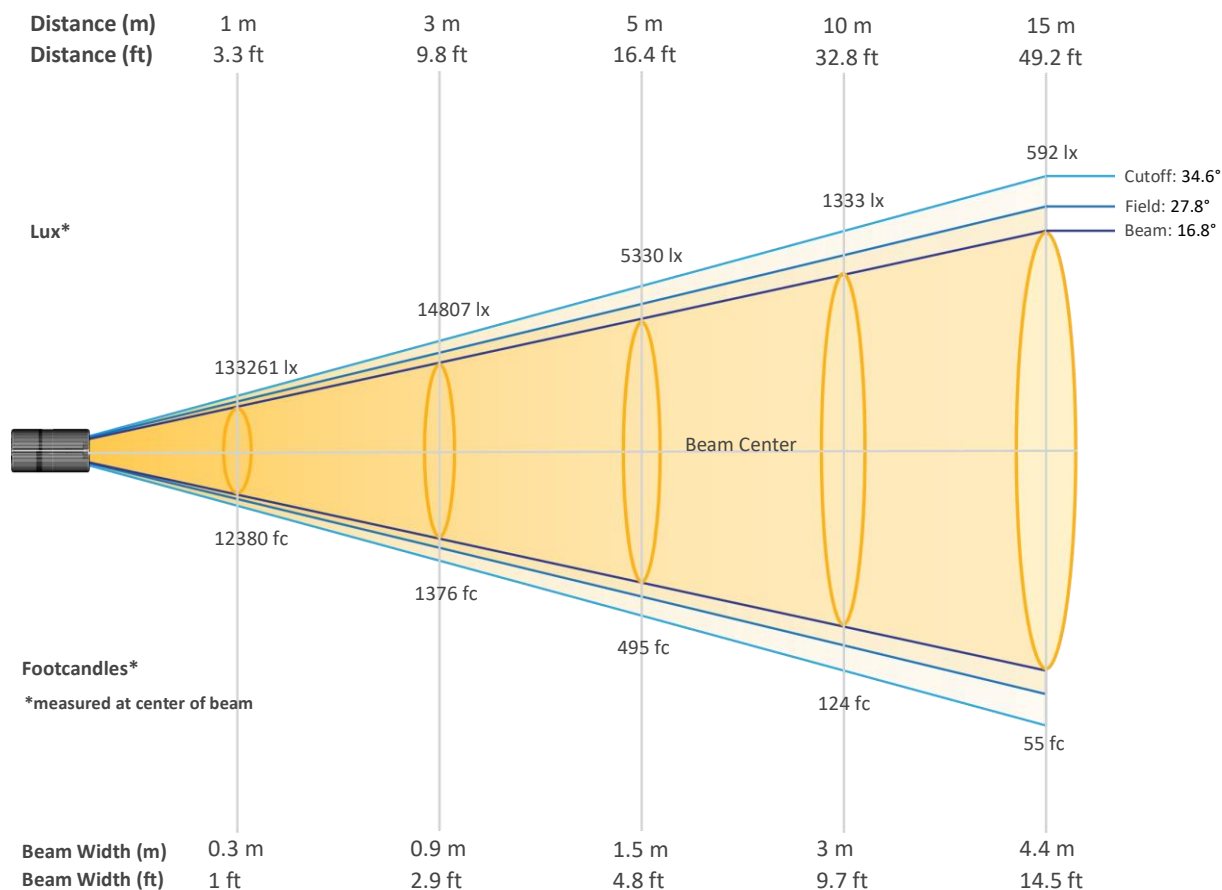
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan ECO

Beam Details

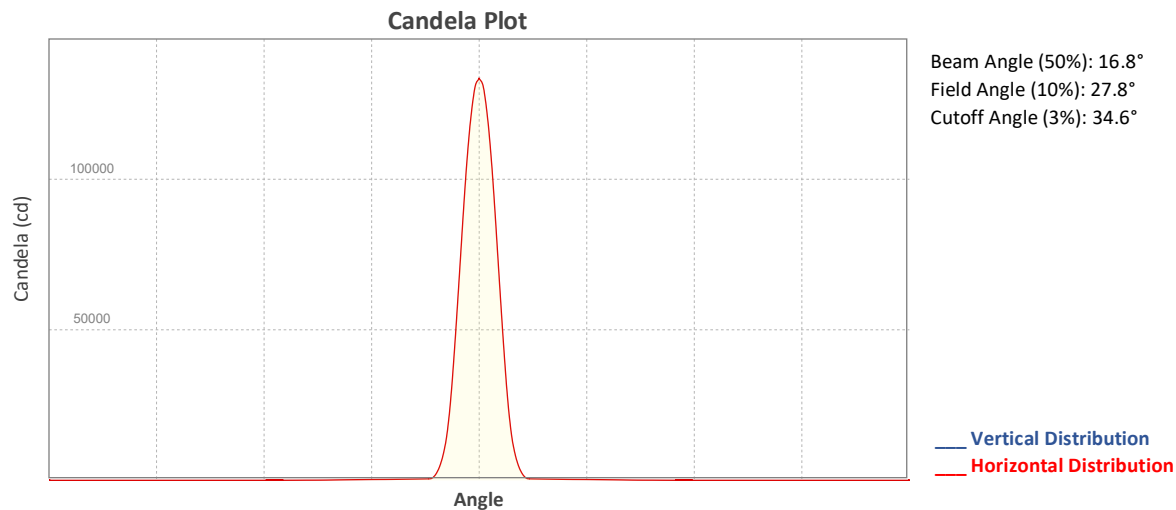


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	133261	33315	14807	8329	5330	3702	2720	2082	1645	1333
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1101	925	789	680	592	521	461	411	369	333
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12380	3095	1376	774	495	344	253	193	153	124
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	102	86	73	63	55	48	43	38	34	31

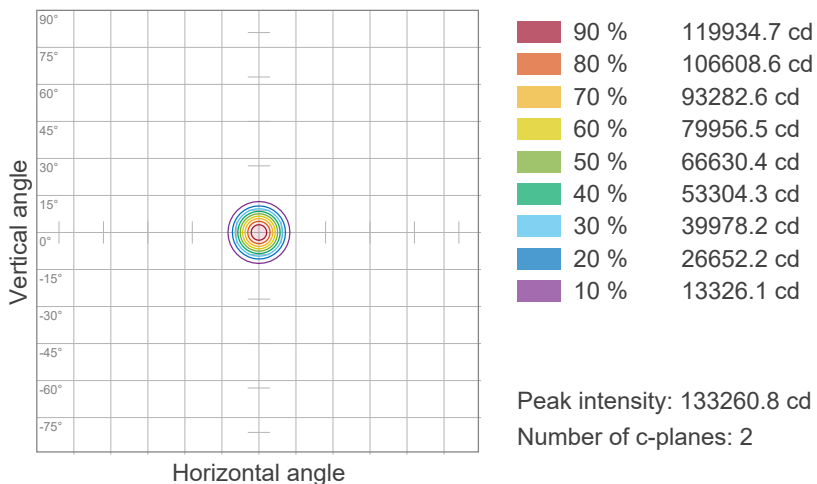
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan ECO

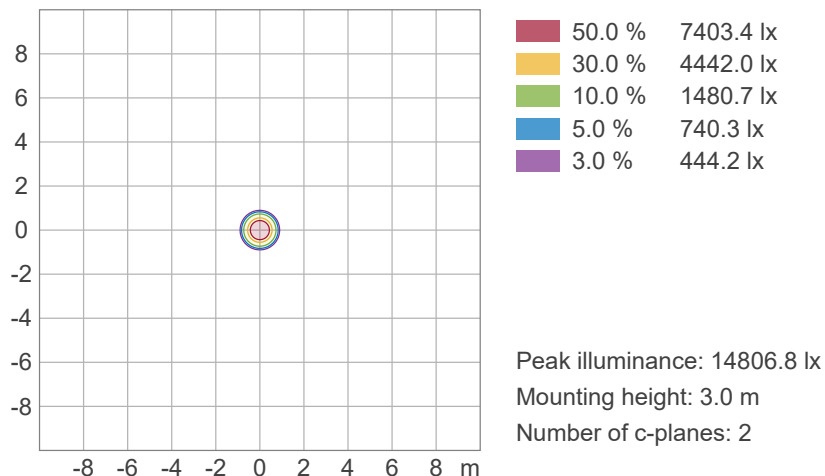


ISO Diagrams

ISO Candela Diagram



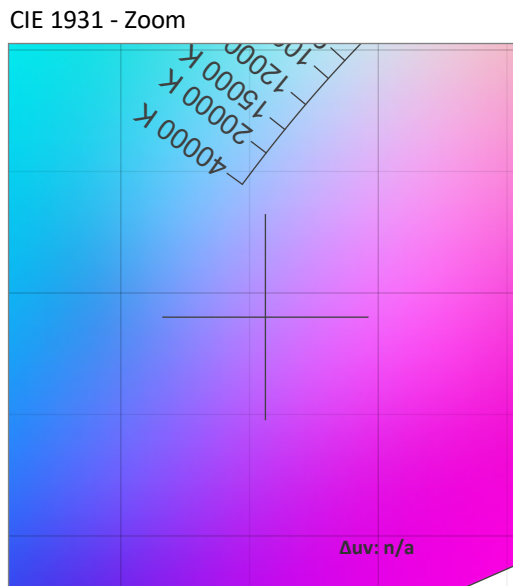
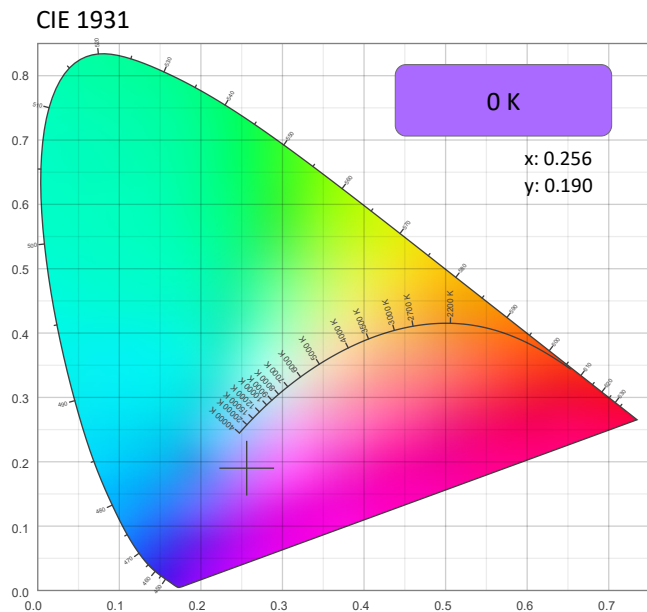
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan ECO

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	0.256	0.190

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.190	0.215

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

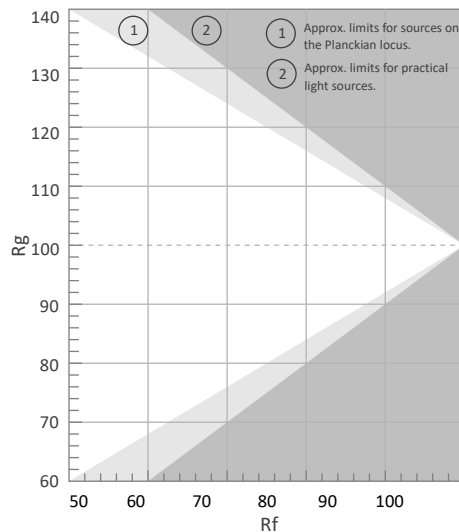
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan ECO

TM-30 Details

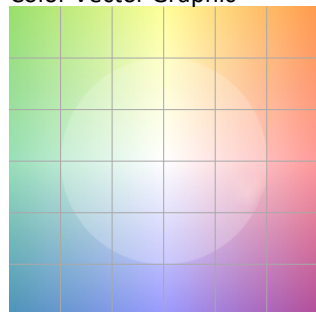
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

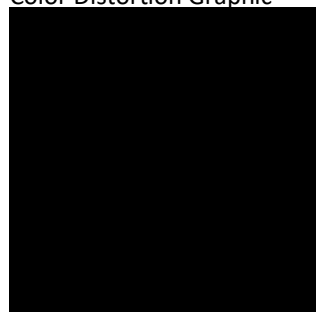
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



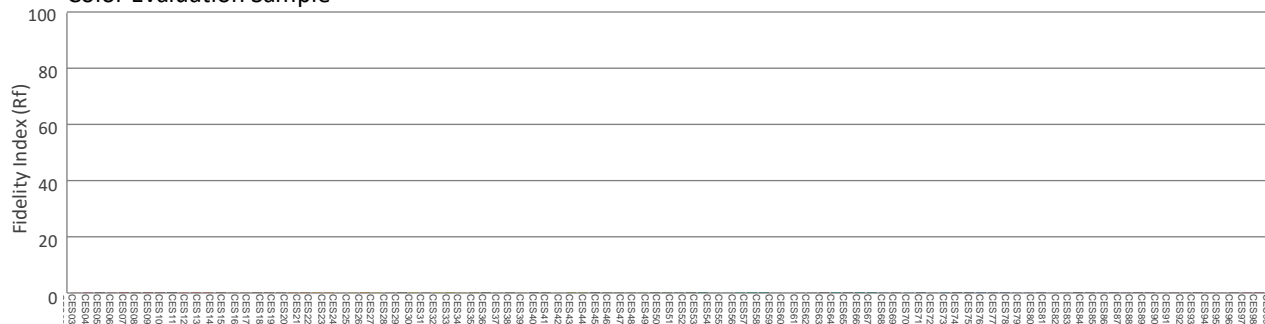
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Full

Report Summary

Measurements

Fixture Output: 12340 lm
Fixture Peak: 133448 cd
Fixture Efficacy: 21 lm/W
Intensity @ 5m: 5338 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.7°
Field Angle (10%): 27.7°
Cutoff Angle (3%): 34.4°

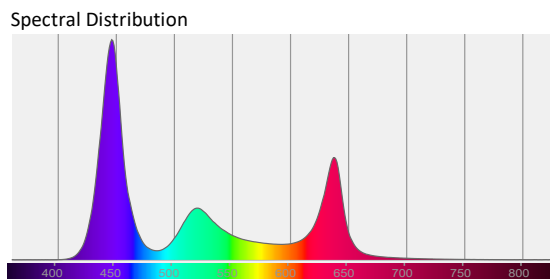
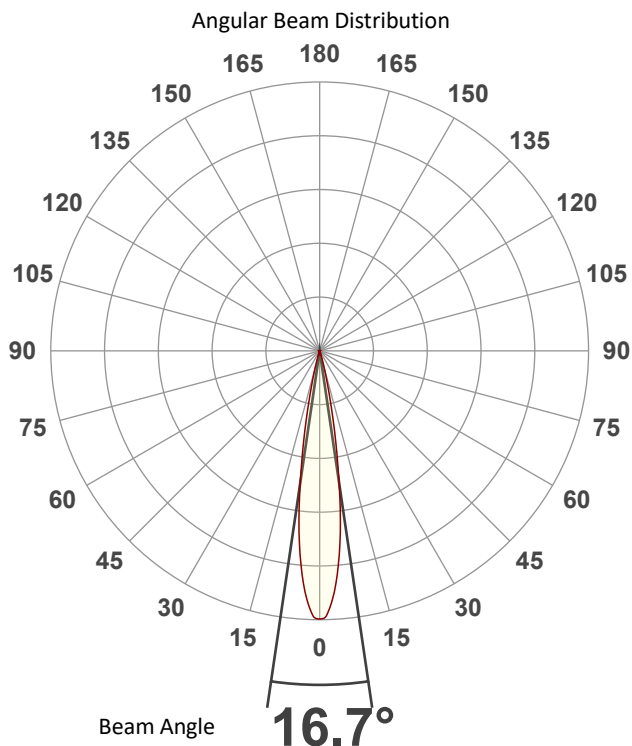


Conditions

AC Supply: 109 V, 60.1 Hz
Power: 577.07 W
Current: 5.31 A
Power Factor: 1.0

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 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.256
Y: 0.190

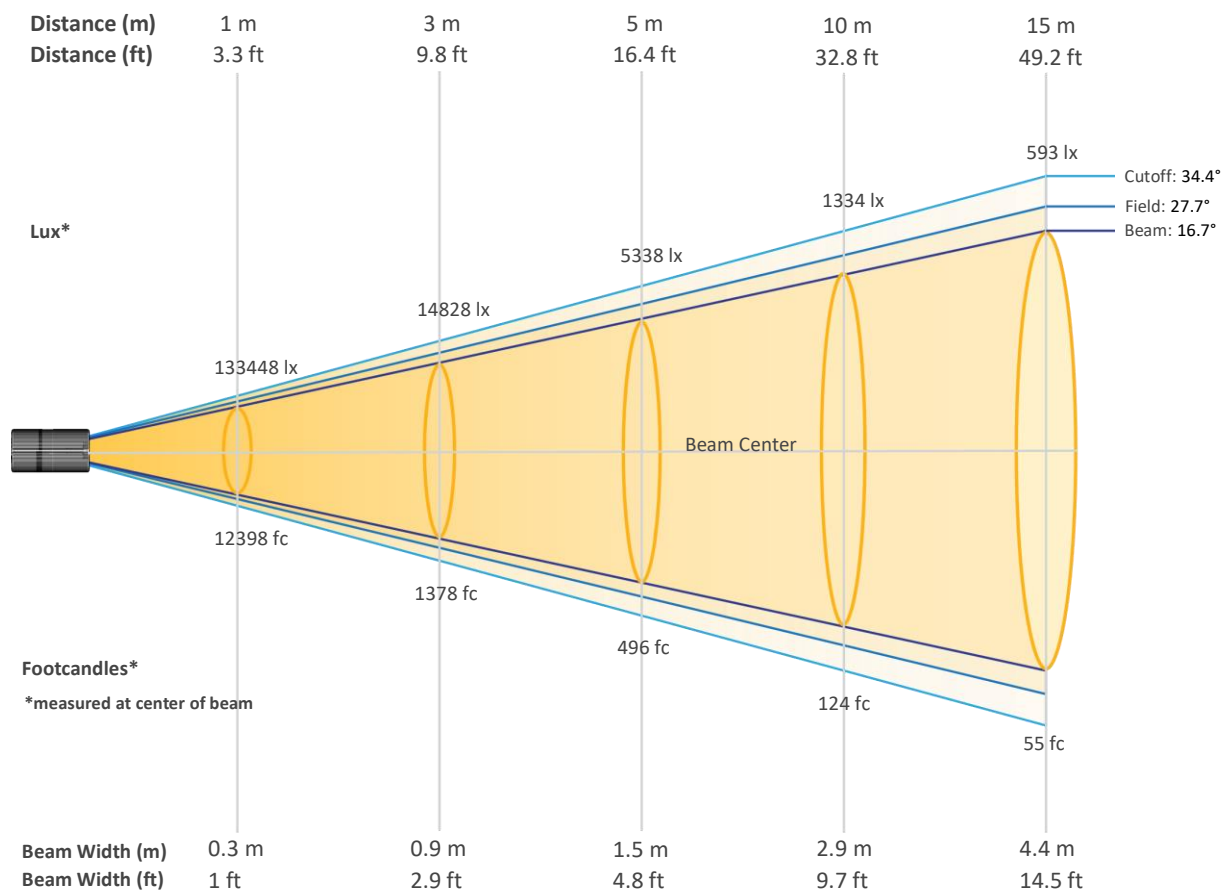
Light Quality
CRI: 0.0

Color Temperature
0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Full

Beam Details

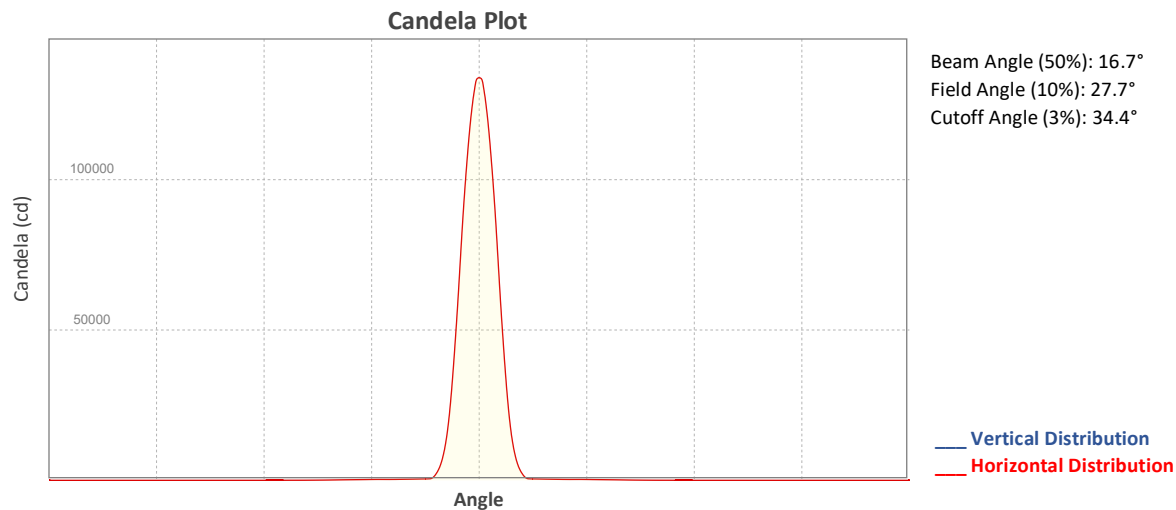


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	133448	33362	14828	8341	5338	3707	2723	2085	1648	1334
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1103	927	790	681	593	521	462	412	370	334
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12398	3099	1378	775	496	344	253	194	153	124
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	102	86	73	63	55	48	43	38	34	31

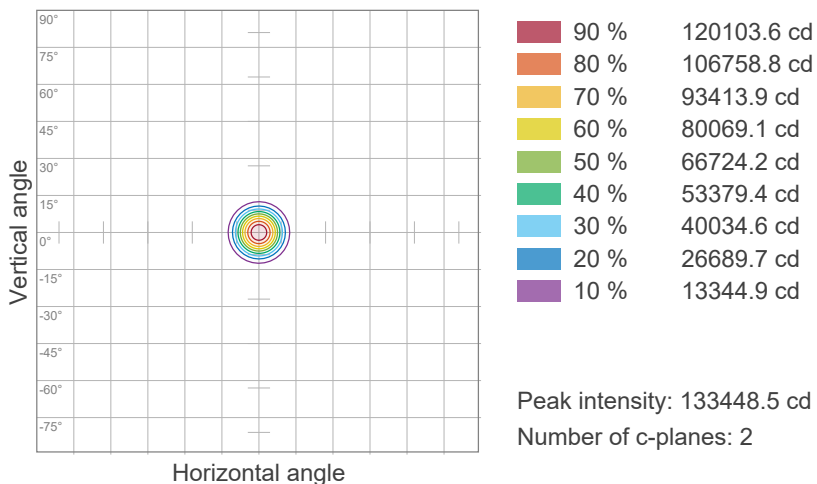
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Full

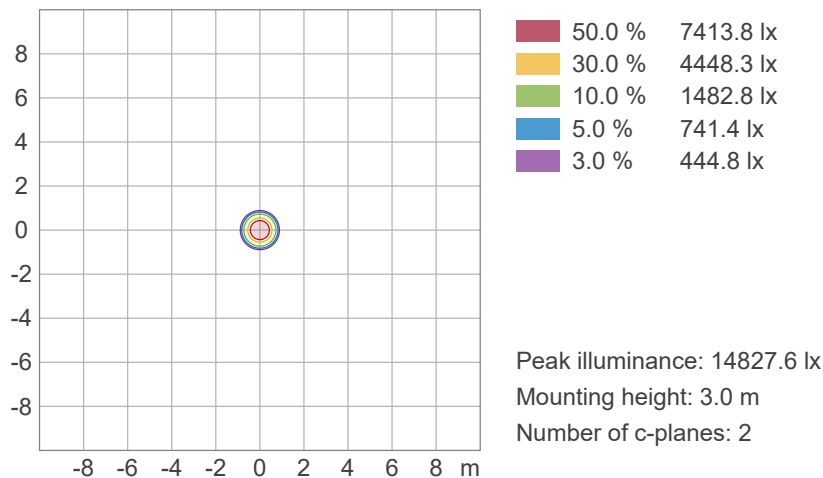


ISO Diagrams

ISO Candela Diagram



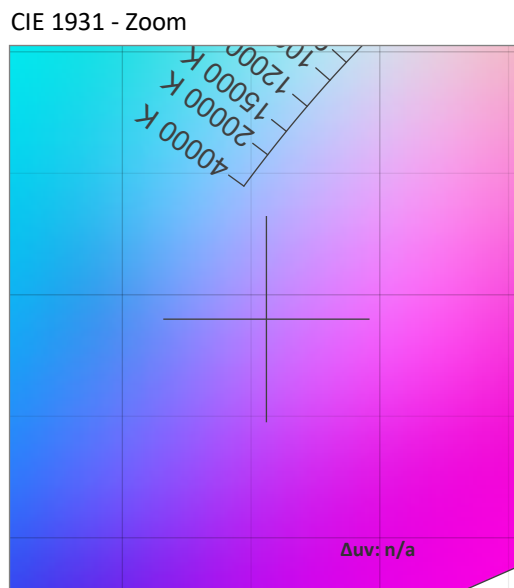
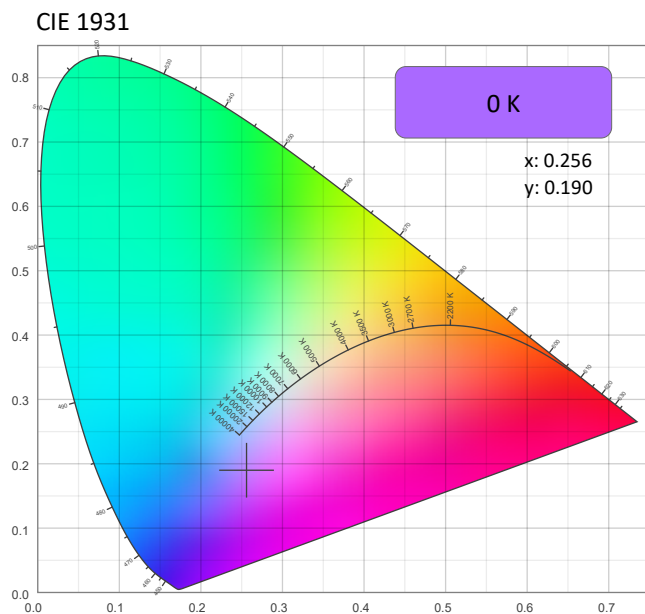
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Full

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.256	0.190

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.190	0.215

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

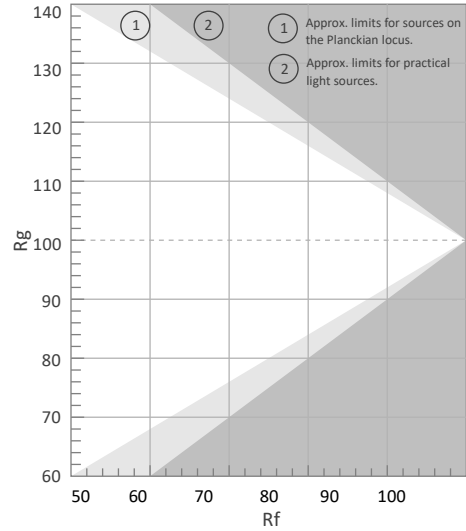
Rogue Outcast 3X Wash: 50% Zoom - Full Power - Cali OFF - Fan Full

TM-30 Details

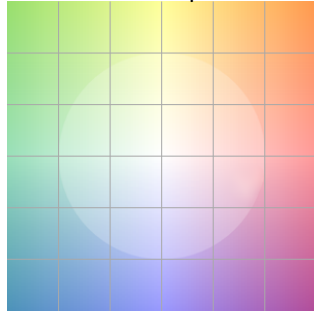
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

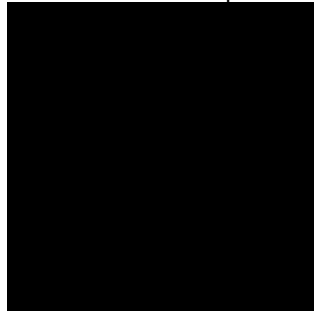
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



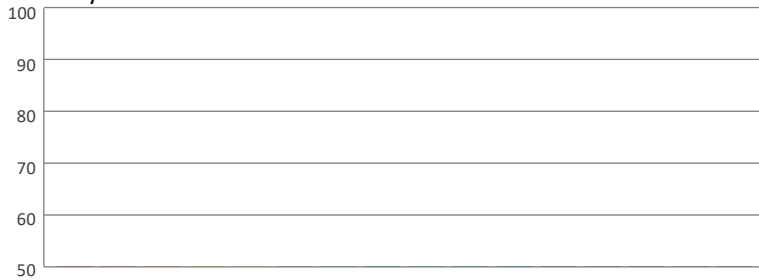
Color Vector Graphic



Color Distortion Graphic



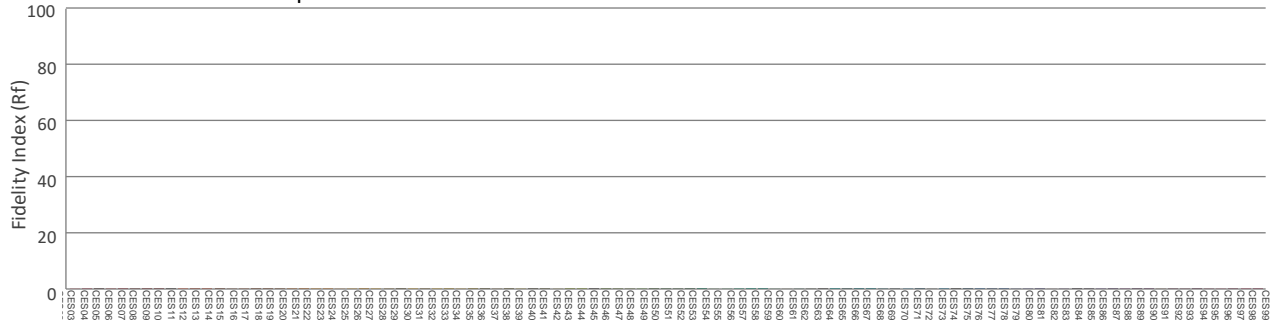
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red

Report Summary

Measurements

Fixture Output: 3187 lm
Fixture Peak: 34219 cd
Fixture Efficacy: 17 lm/W
Intensity @ 5m: 1369 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.5°
Field Angle (10%): 27.6°
Cutoff Angle (3%): 34.3°

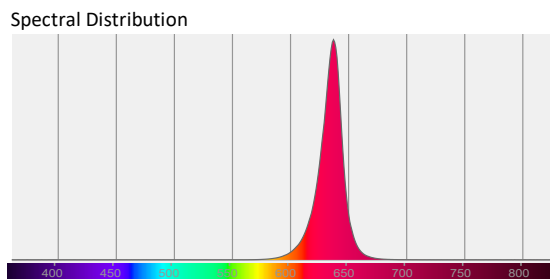
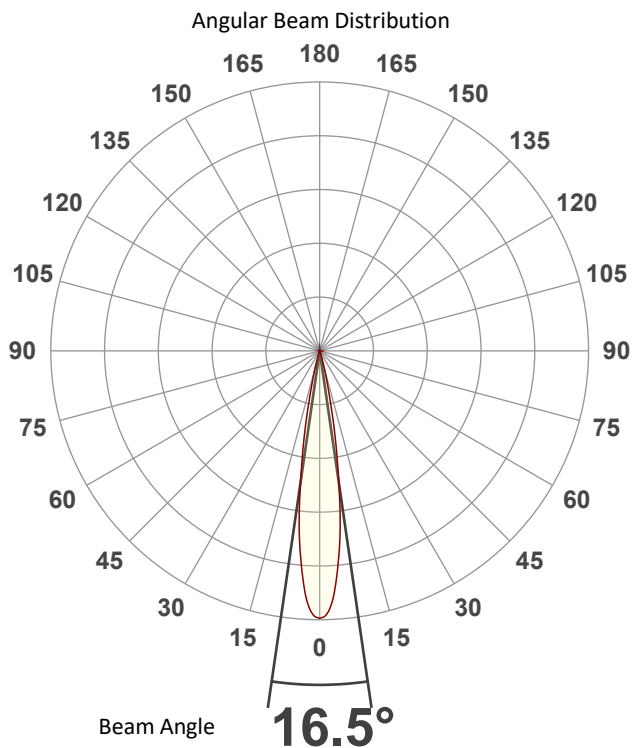


Conditions

AC Supply: 116 V, 60 Hz
Power: 193.86 W
Current: 1.68 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.700

Y: 0.299



Light Quality

CRI: 0.0

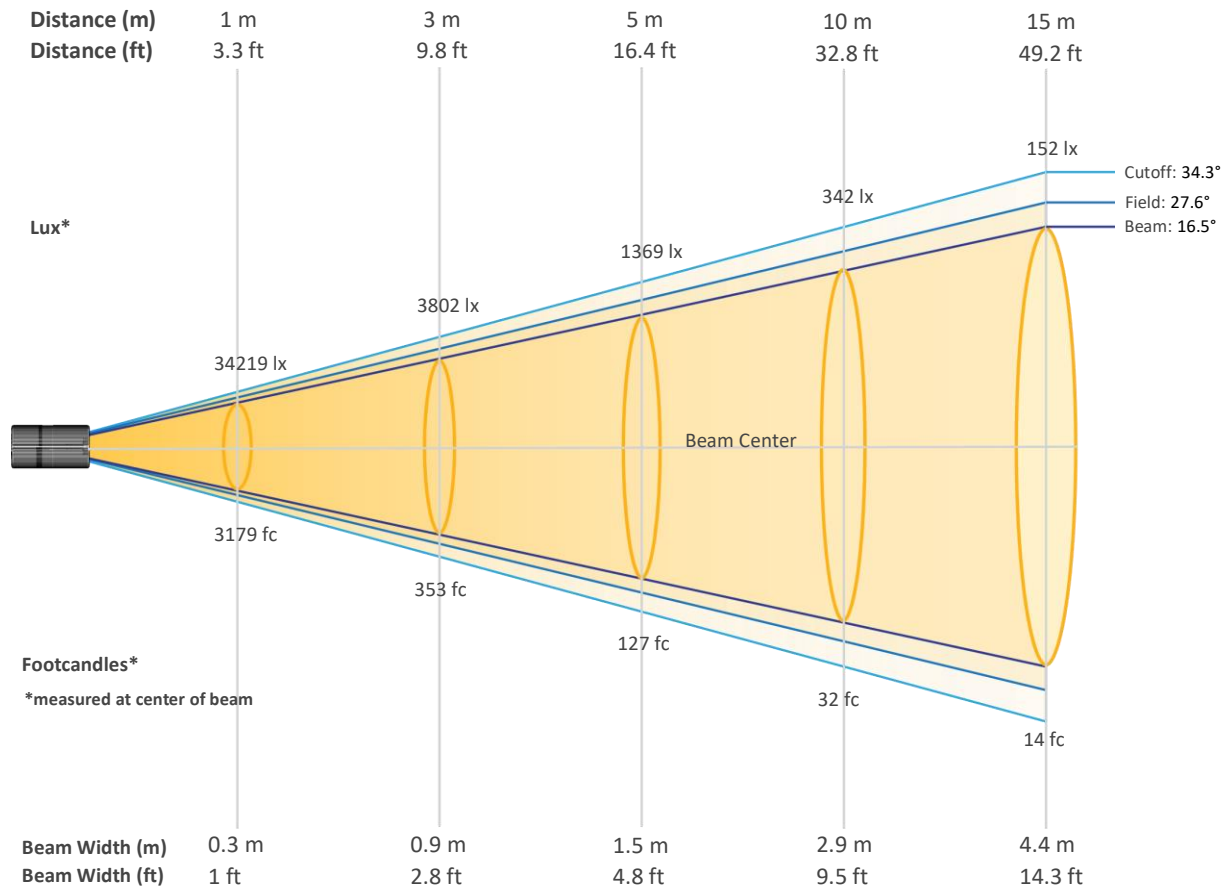
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red

Beam Details

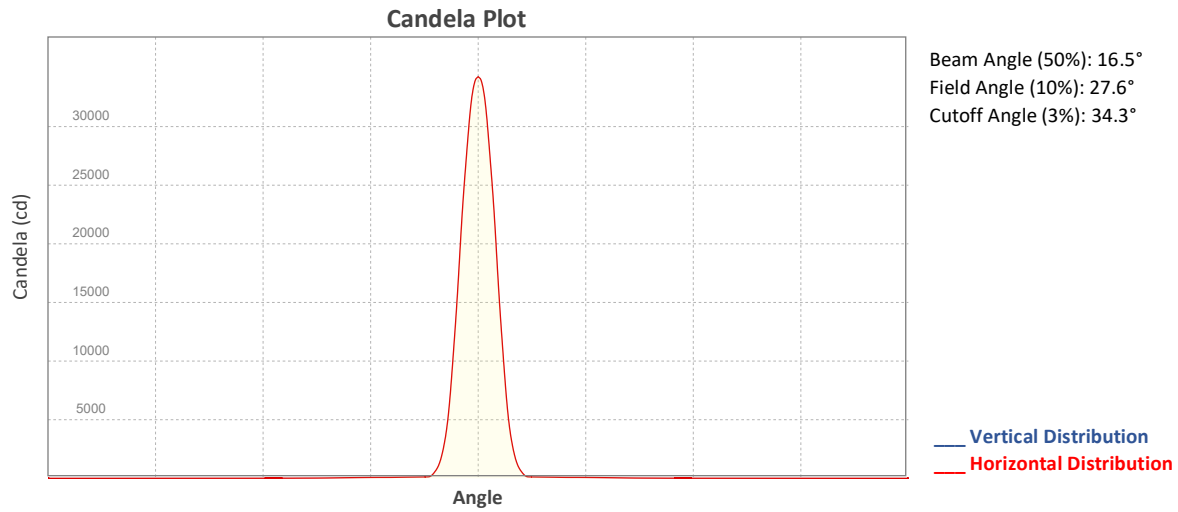


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34219	8555	3802	2139	1369	951	698	535	422	342
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	283	238	202	175	152	134	118	106	95	86
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3179	795	353	199	127	88	65	50	39	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

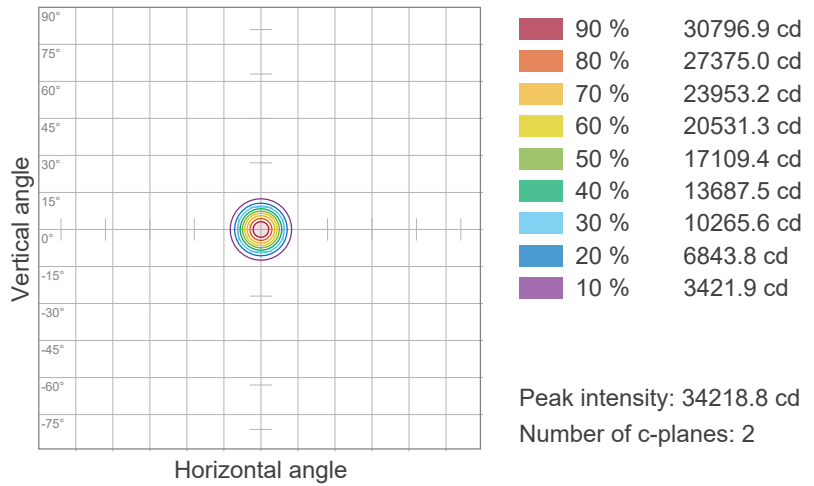
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red

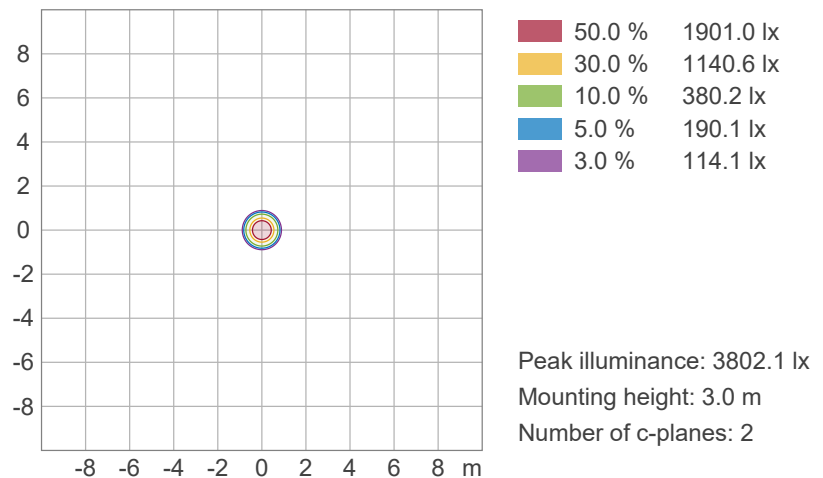


ISO Diagrams

ISO Candela Diagram



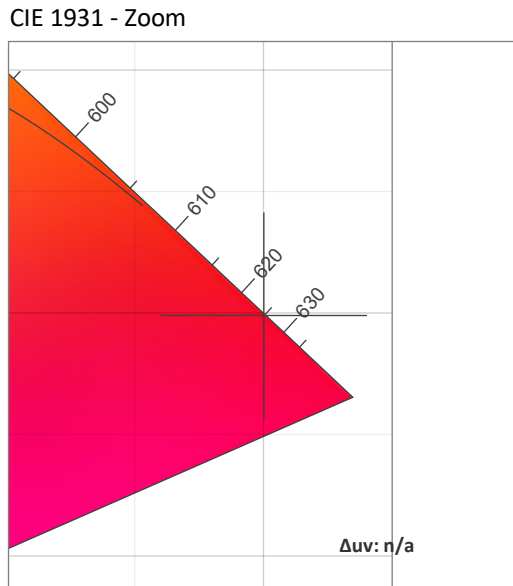
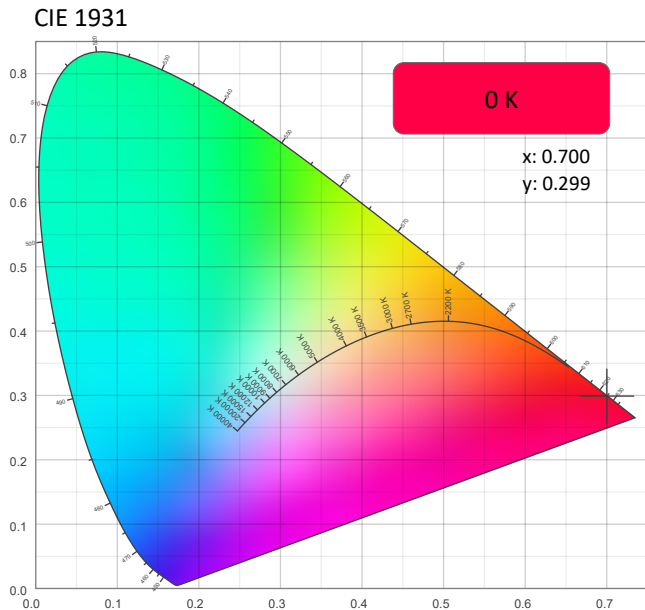
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red

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

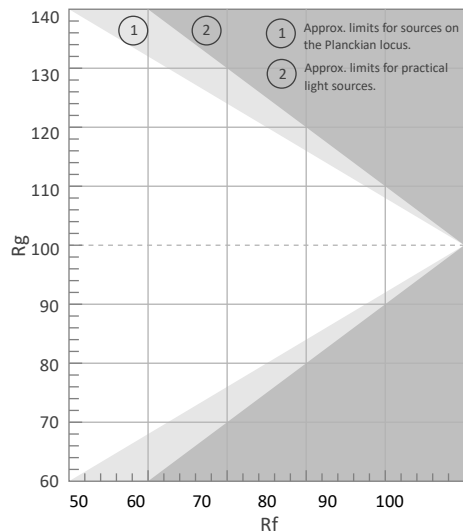
Rogue Outcast 3X Wash: 50% Zoom - Red

TM-30 Details

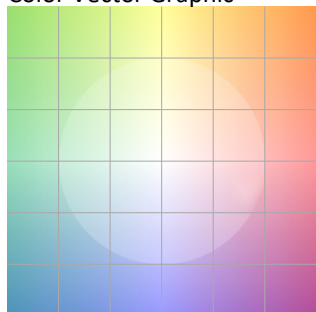
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

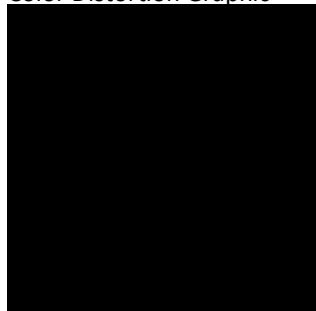
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



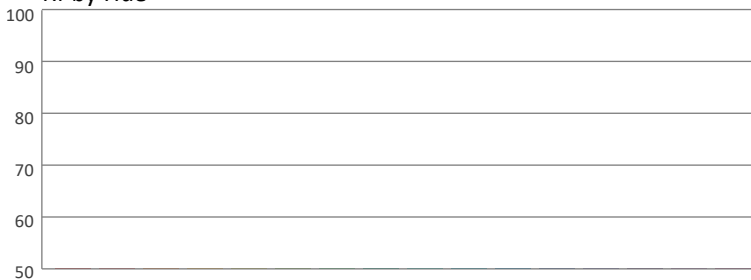
Color Vector Graphic



Color Distortion Graphic



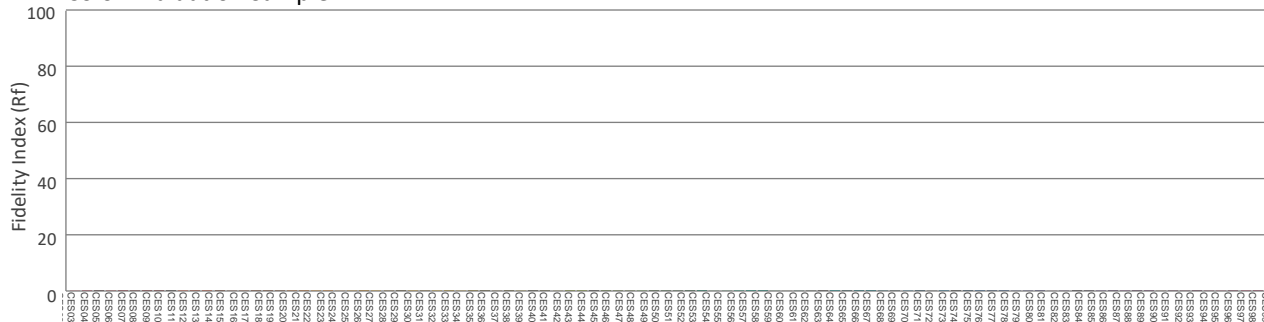
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red - Cali On

Report Summary

Measurements

Fixture Output: 3294 lm
Fixture Peak: 35938 cd
Fixture Efficacy: 17 lm/W
Intensity @ 5m: 1438 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.5°
Field Angle (10%): 27.6°
Cutoff Angle (3%): 34.3°

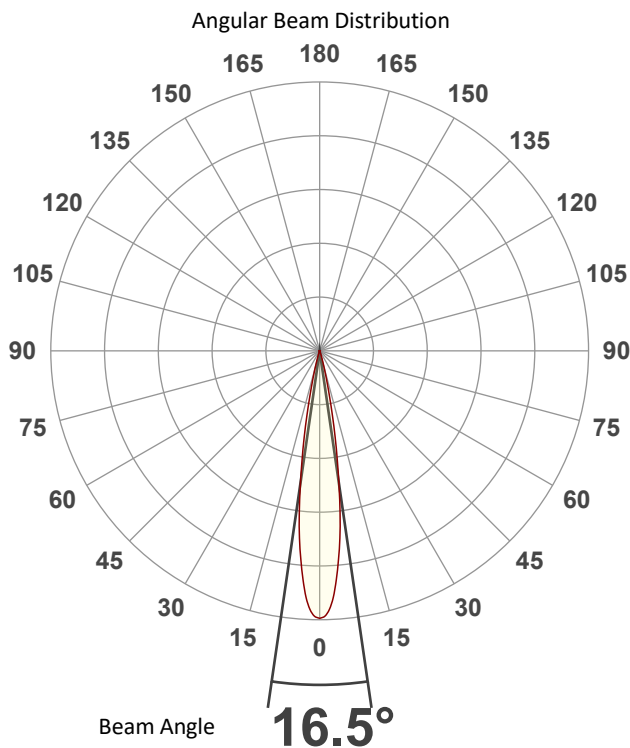


Conditions

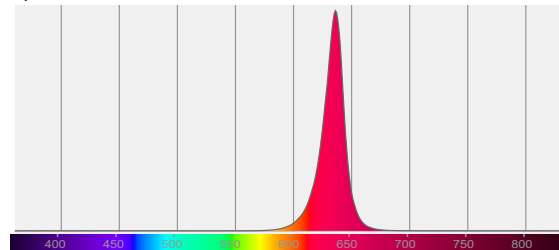
AC Supply: 116 V, 60.1 Hz
Power: 194.67 W
Current: 1.67 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.700

Y: 0.300



Light Quality

CRI: 0.0

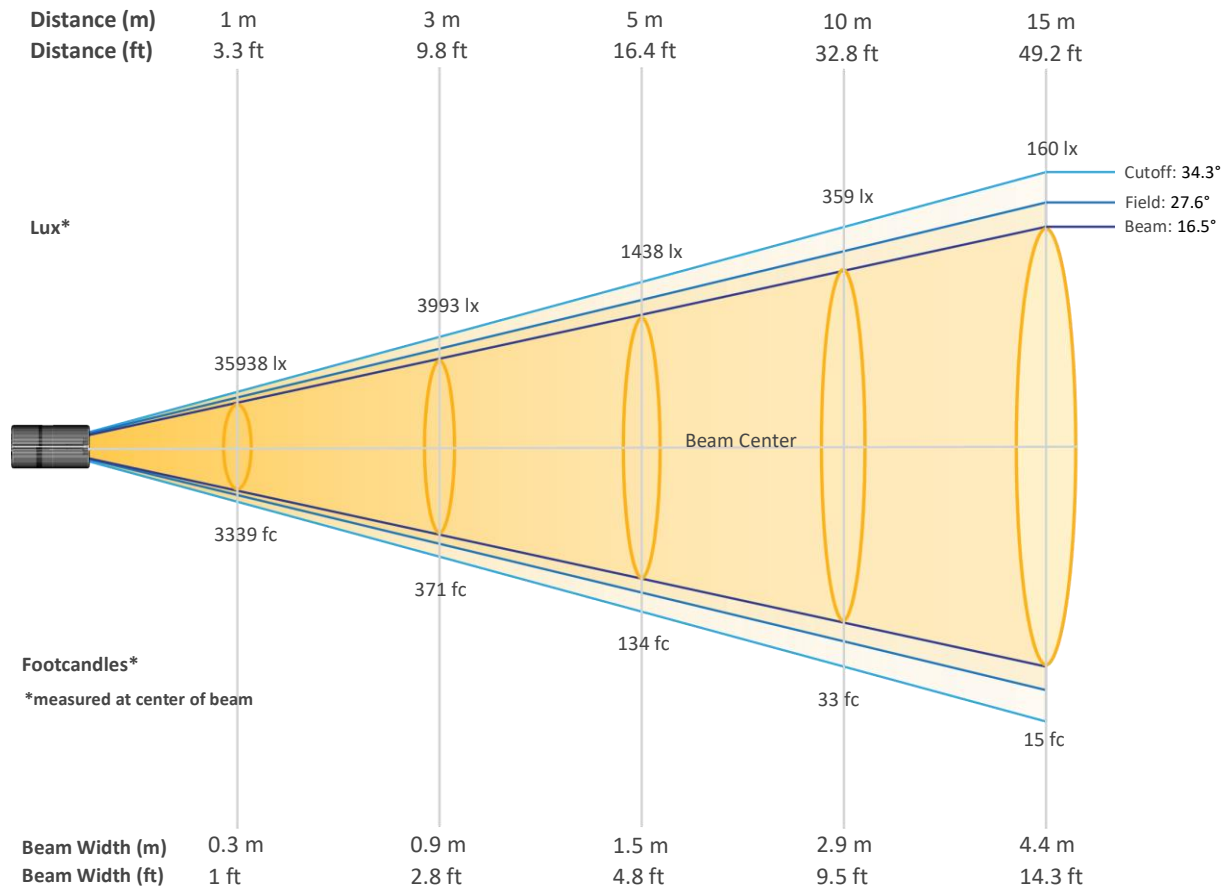
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red - Cali On

Beam Details

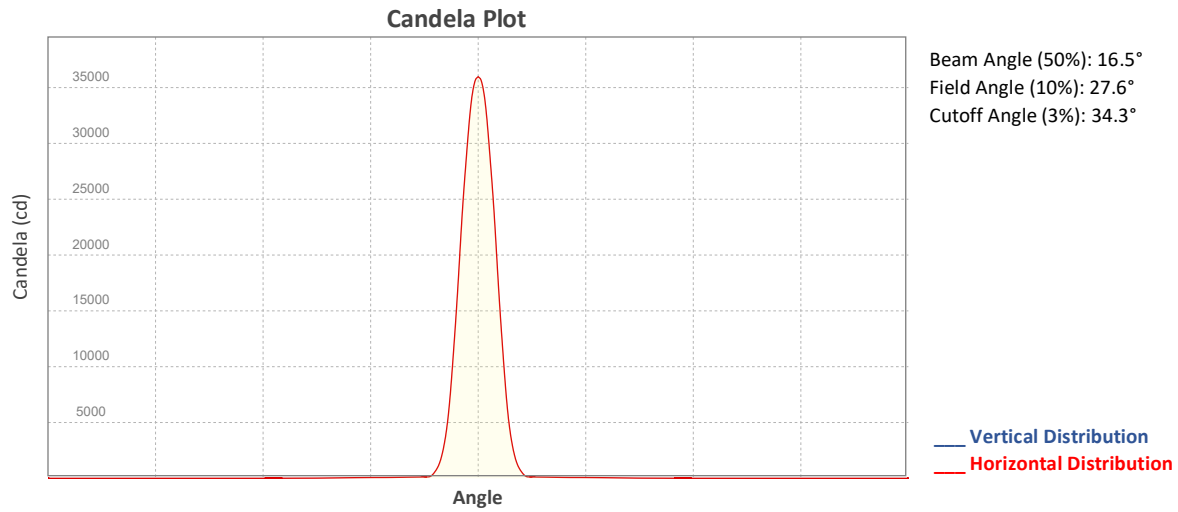


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35938	8984	3993	2246	1438	998	733	562	444	359
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	297	250	213	183	160	140	124	111	100	90
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3339	835	371	209	134	93	68	52	41	33
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	23	20	17	15	13	12	10	9	8

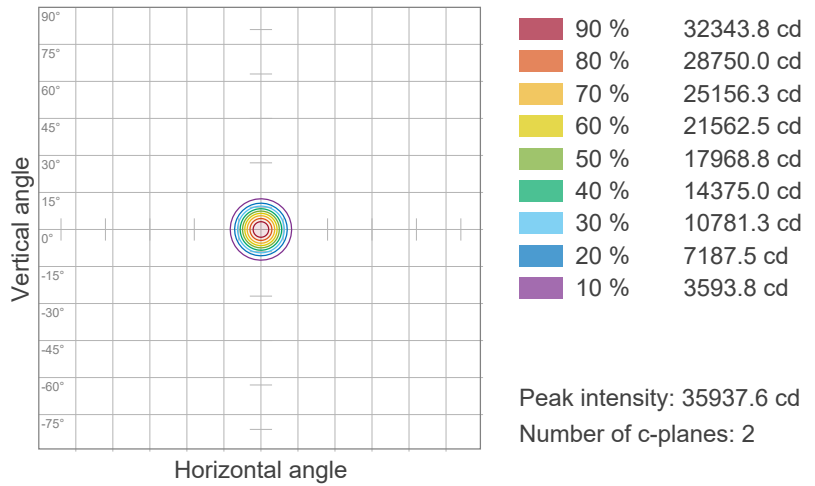
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red - Cali On

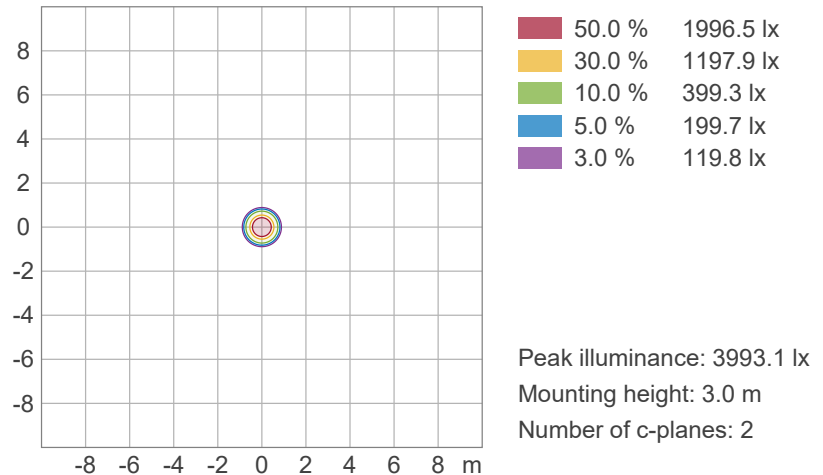


ISO Diagrams

ISO Candela Diagram



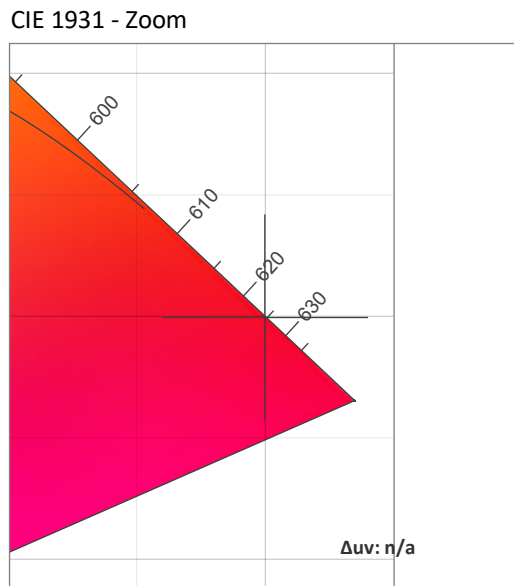
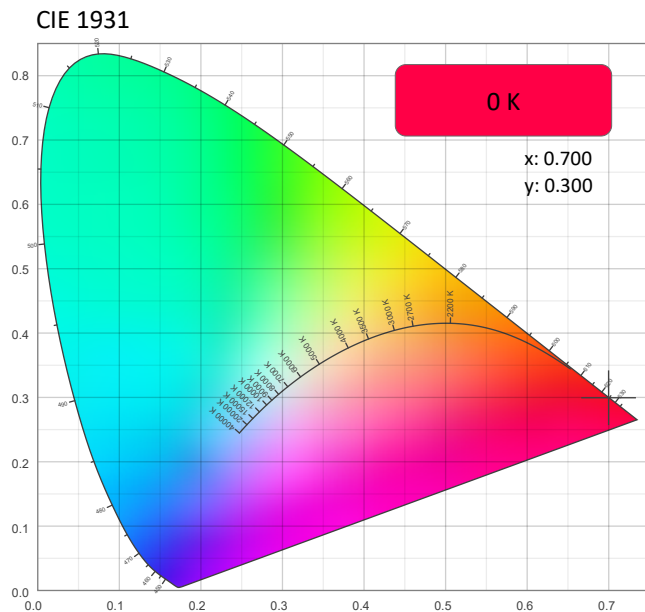
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Red - Cali On

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

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	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.300	0.539

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

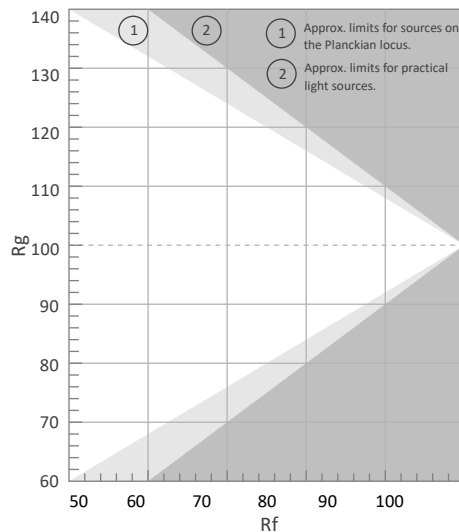
Rogue Outcast 3X Wash: 50% Zoom - Red - Cali On

TM-30 Details

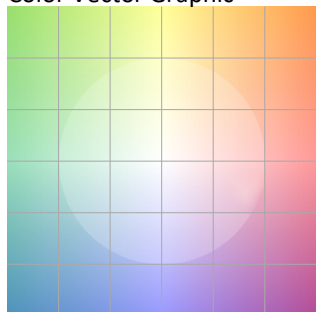
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

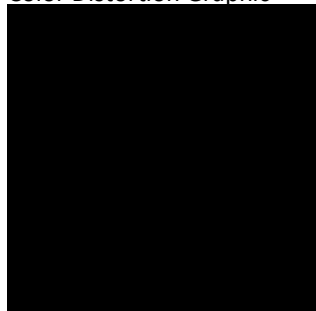
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



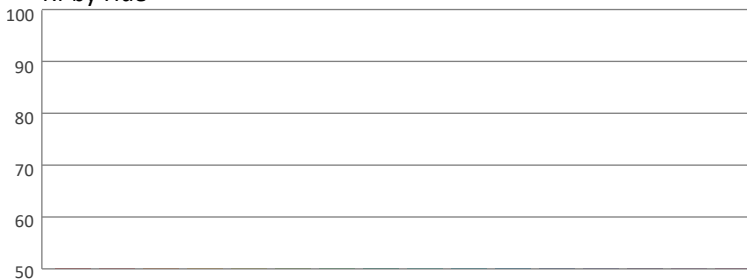
Color Vector Graphic



Color Distortion Graphic



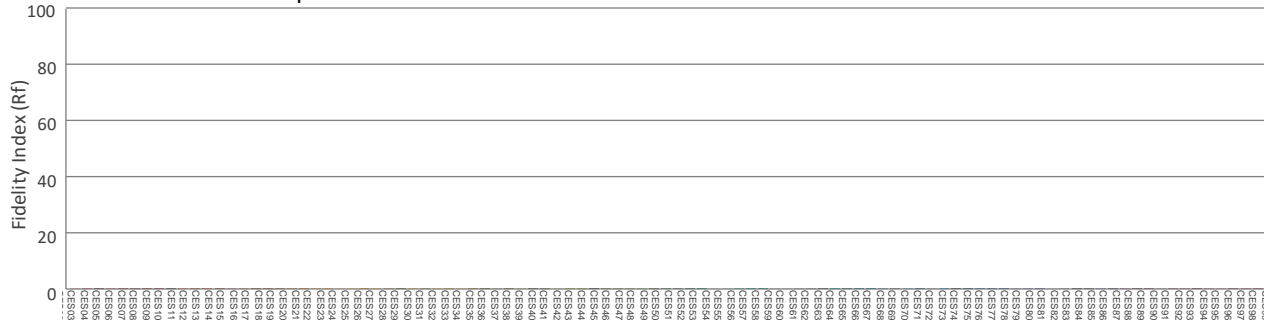
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green

Report Summary

Measurements

Fixture Output: 5977 lm
Fixture Peak: 65306 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 2612 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.5°
Field Angle (10%): 27.5°
Cutoff Angle (3%): 34.2°

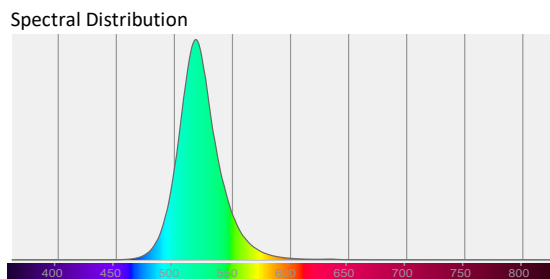
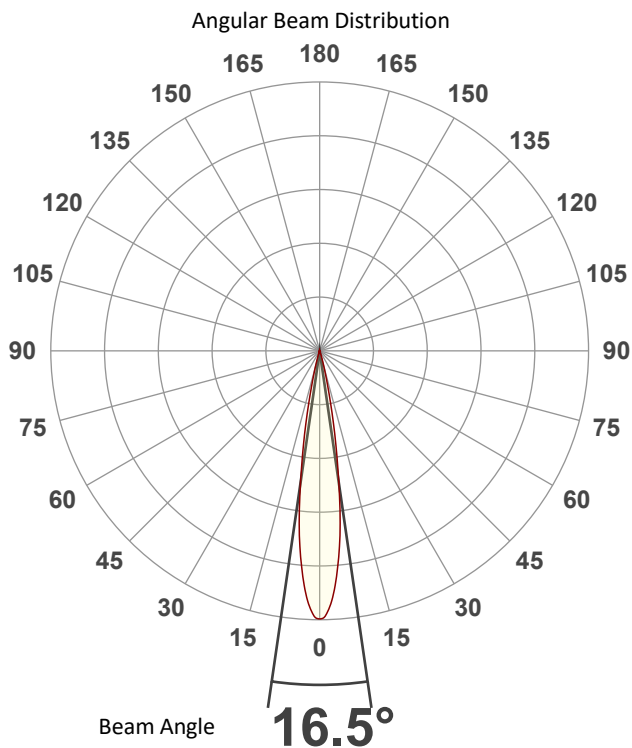


Conditions

AC Supply: 115 V, 60 Hz
Power: 235.77 W
Current: 2.04 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.151

Y: 0.717



Light Quality

CRI: 0.0

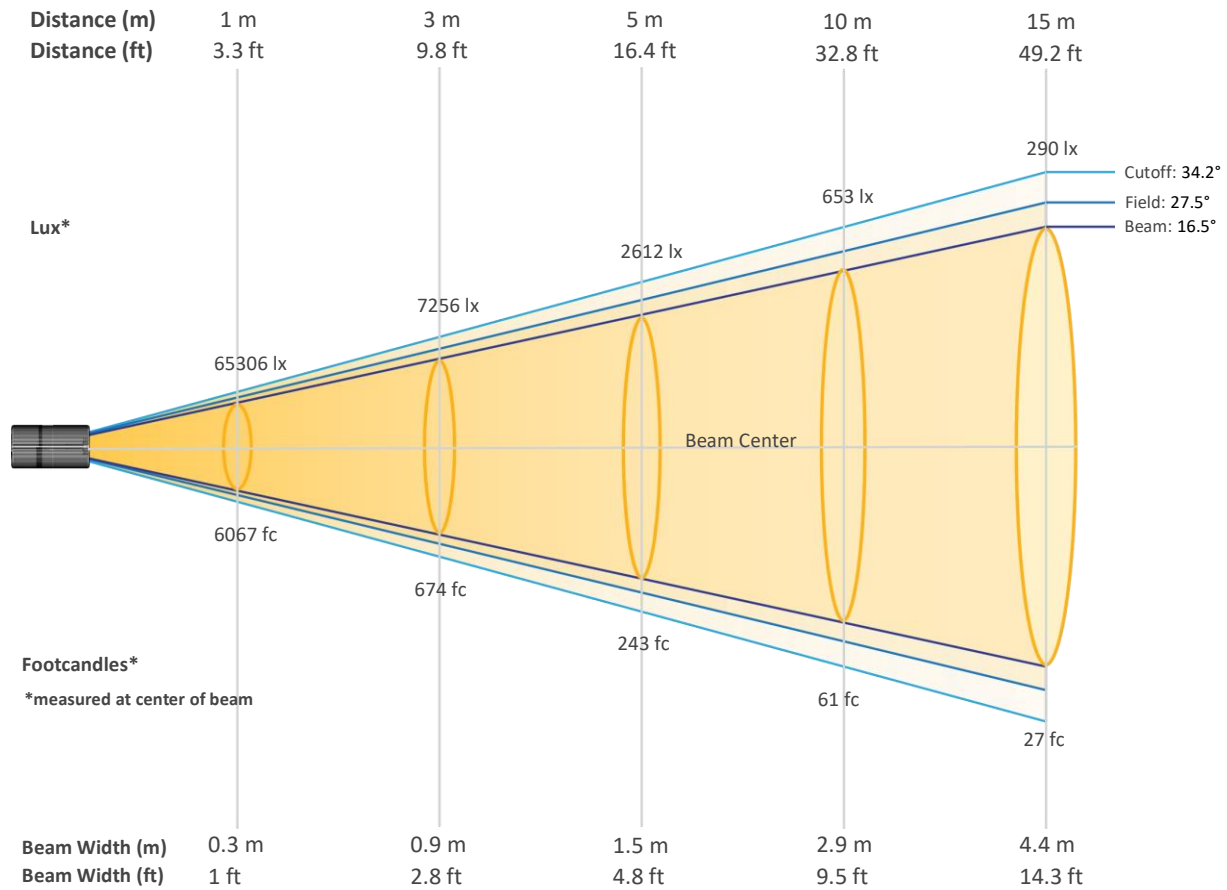
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green

Beam Details

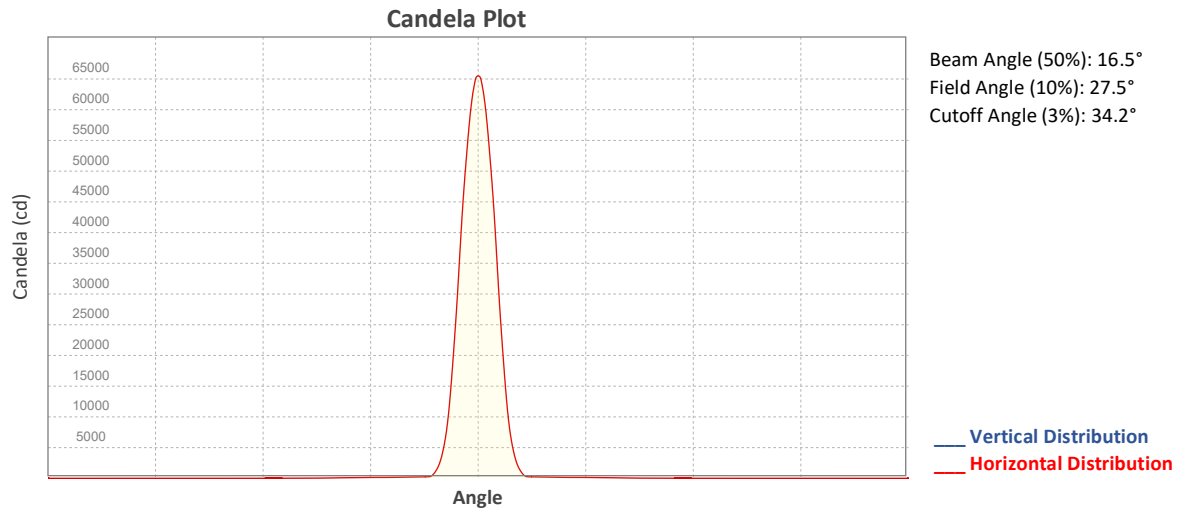


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	65306	16326	7256	4082	2612	1814	1333	1020	806	653
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	540	454	386	333	290	255	226	202	181	163
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6067	1517	674	379	243	169	124	95	75	61
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	36	31	27	24	21	19	17	15

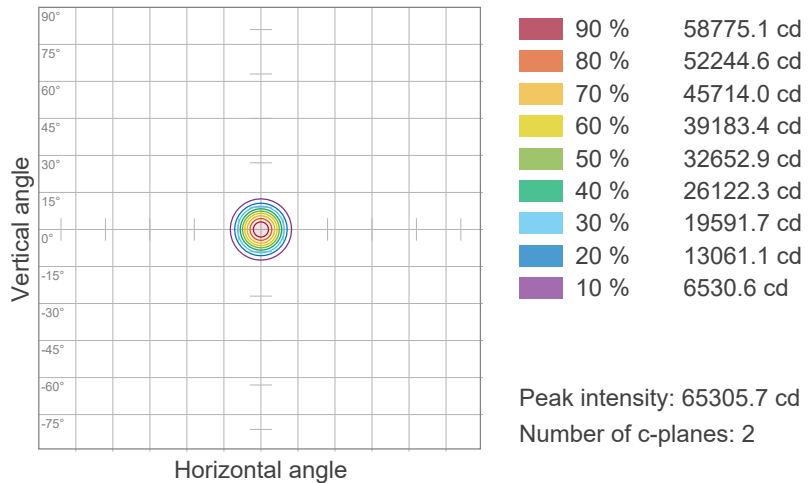
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green

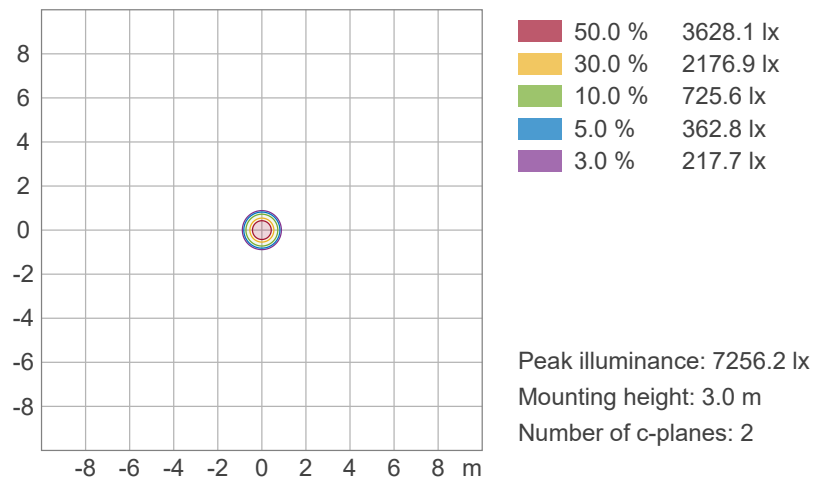


ISO Diagrams

ISO Candela Diagram



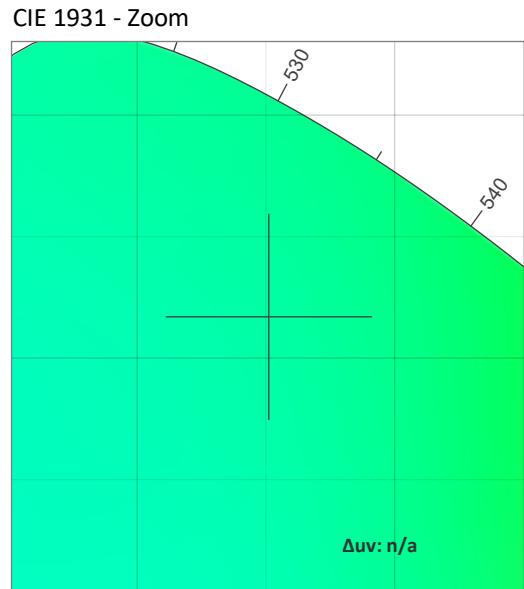
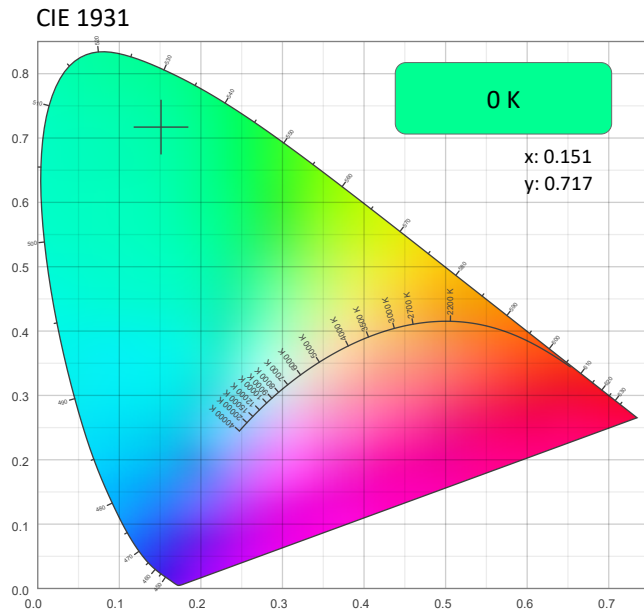
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.151	0.717

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.717	0.053

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

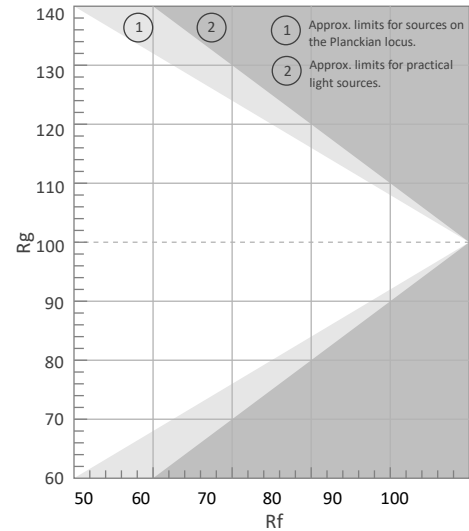
Rogue Outcast 3X Wash: 50% Zoom - Green

TM-30 Details

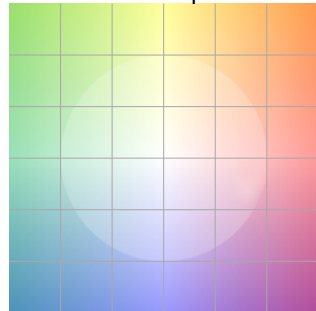
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

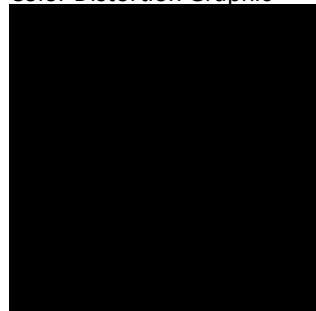
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



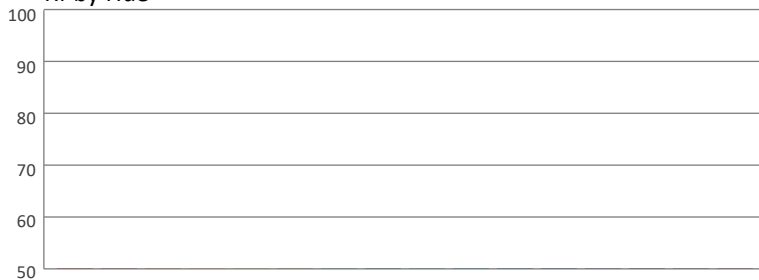
Color Vector Graphic



Color Distortion Graphic



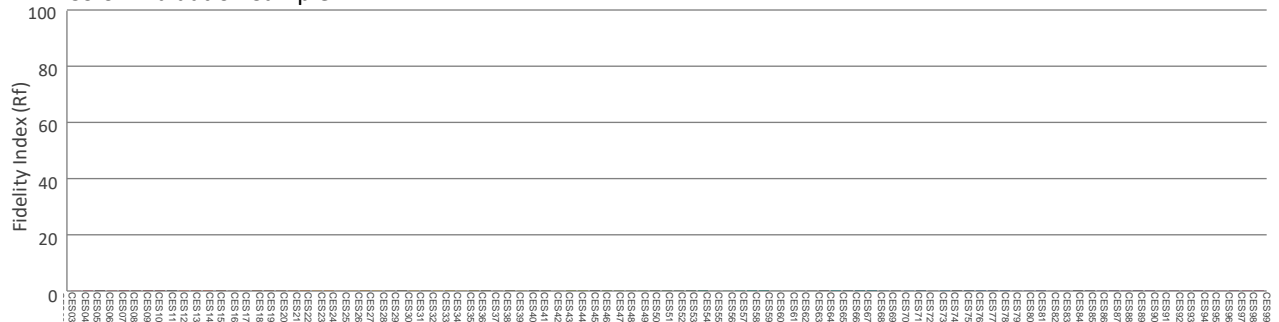
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green - Cali On

Report Summary

Measurements

Fixture Output: 5991 lm
Fixture Peak: 65734 cd
Fixture Efficacy: 26 lm/W
Intensity @ 5m: 2629 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.5°
Field Angle (10%): 27.5°
Cutoff Angle (3%): 34.1°

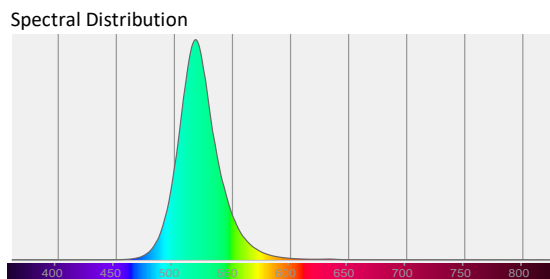
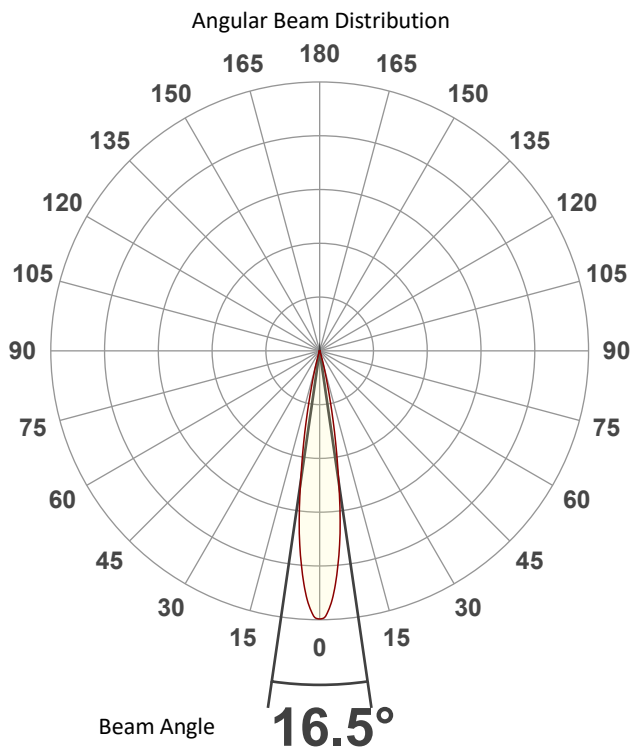


Conditions

AC Supply: 115 V, 60 Hz
Power: 236.62 W
Current: 2.05 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.150

Y: 0.717



Light Quality

CRI: 0.0

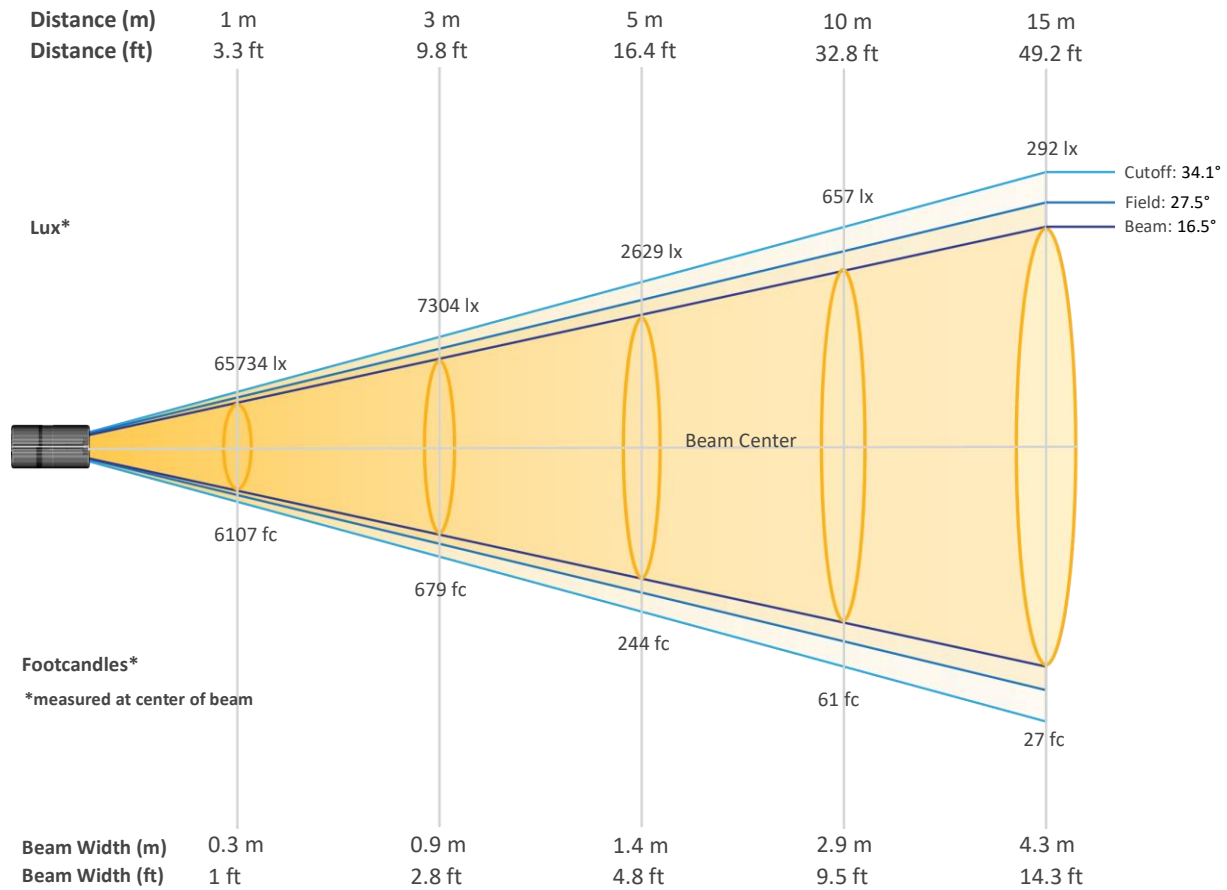
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green - Cali On

Beam Details

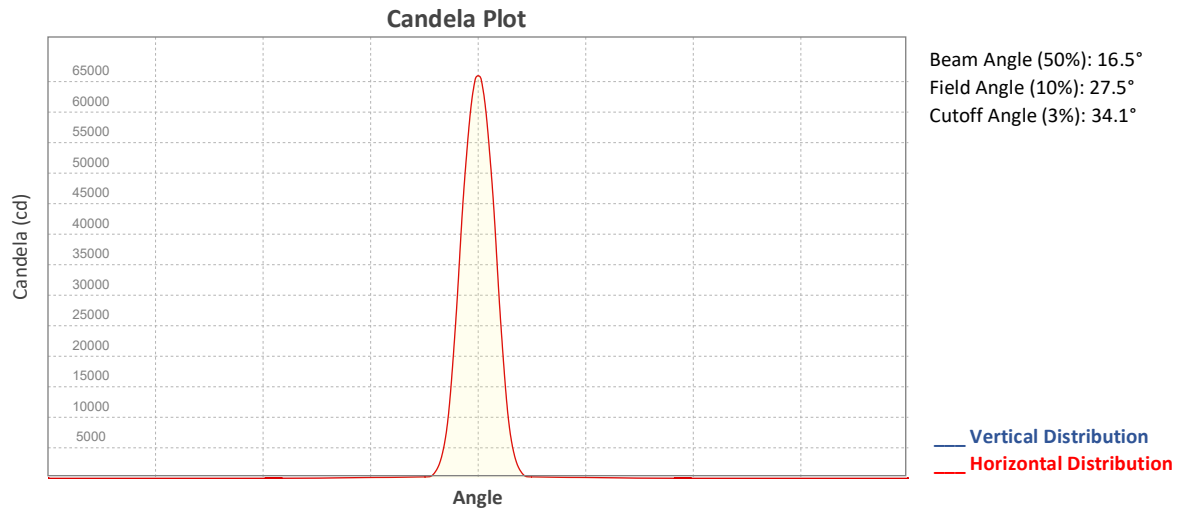


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	65734	16434	7304	4108	2629	1826	1342	1027	812	657
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	543	456	389	335	292	257	227	203	182	164
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6107	1527	679	382	244	170	125	95	75	61
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	36	31	27	24	21	19	17	15

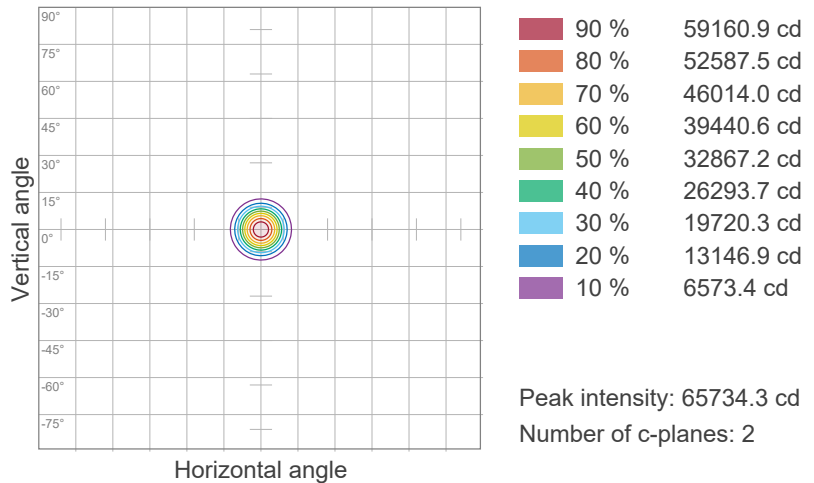
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Green - Cali On

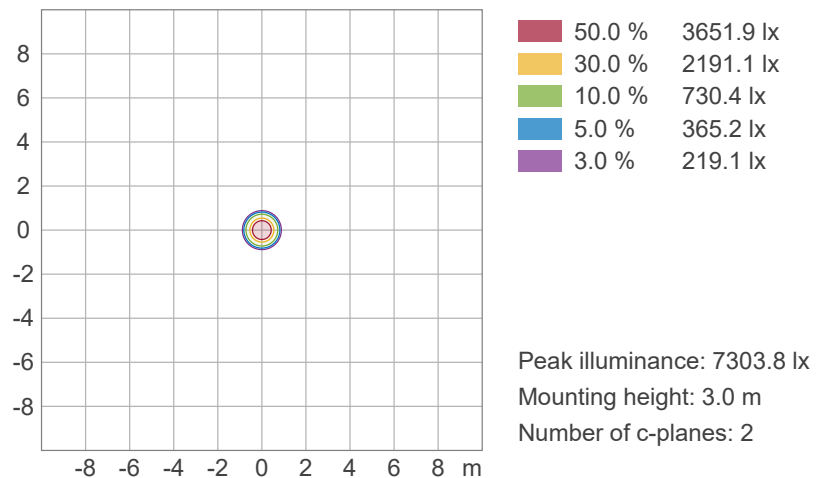


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

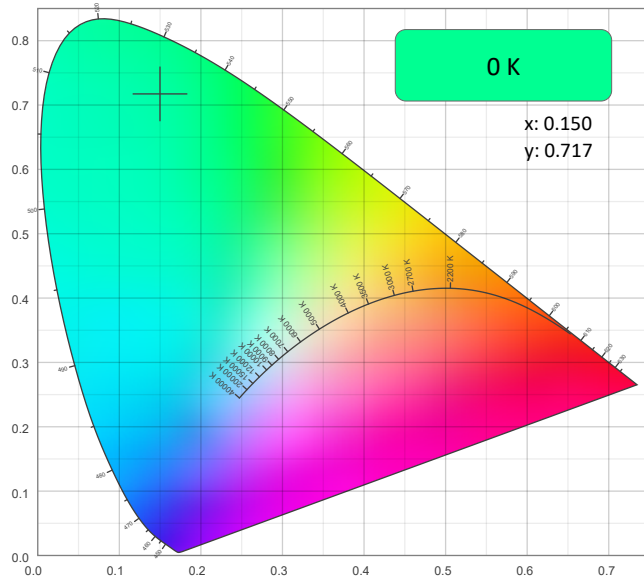


Photometric & Chromaticity Report

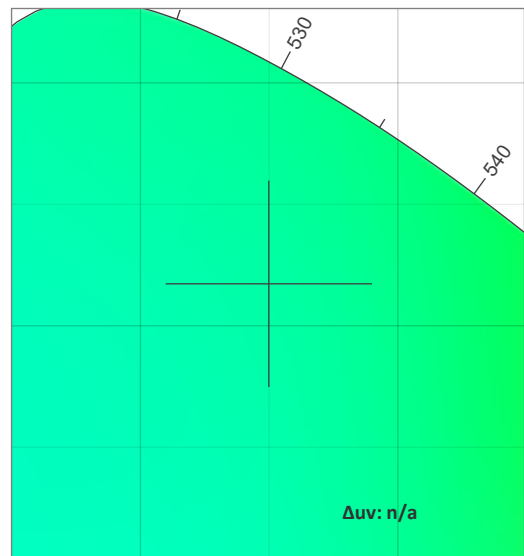
Rogue Outcast 3X Wash: 50% Zoom - Green - Cali On

Chromaticity

CIE 1931



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	0.150	0.717

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.717	0.053

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

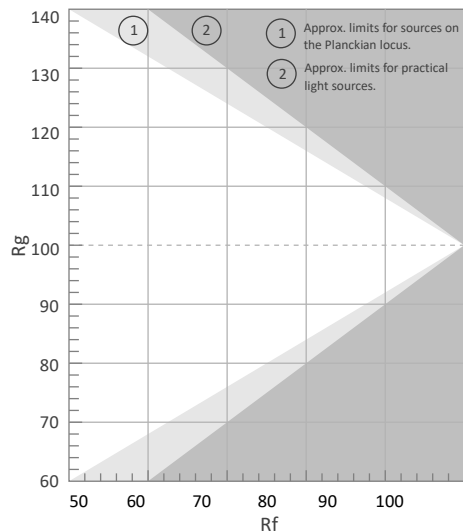
Rogue Outcast 3X Wash: 50% Zoom - Green - Cali On

TM-30 Details

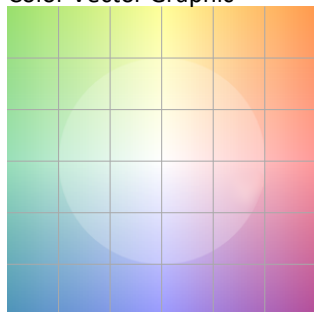
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index (Rg)

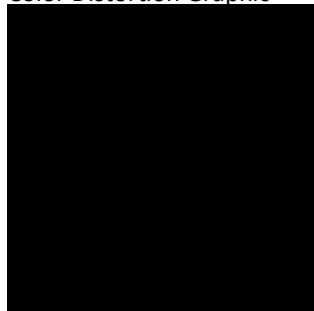
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



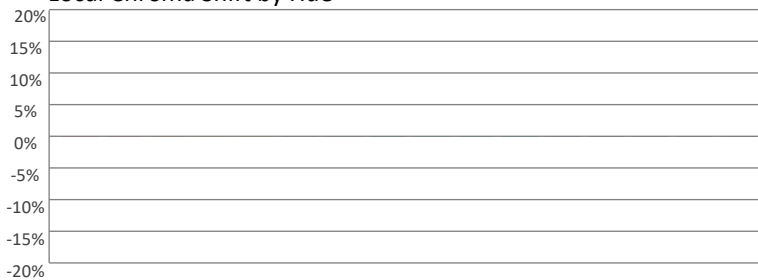
Color Distortion Graphic



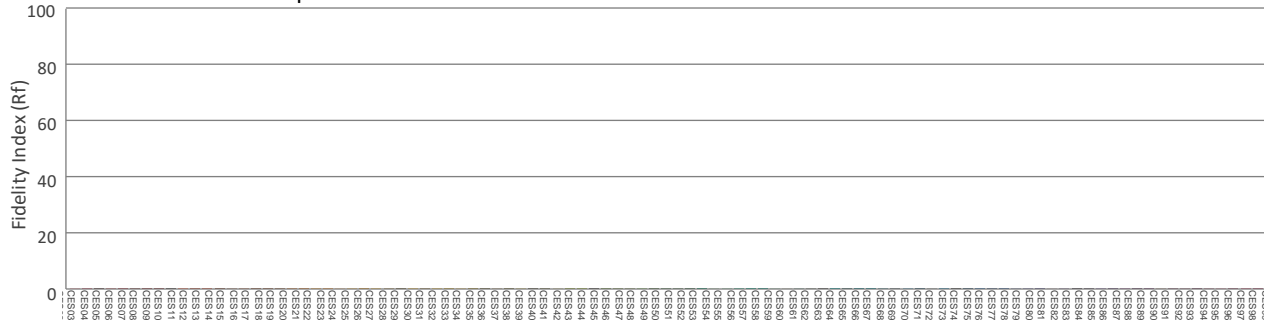
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue

Report Summary

Measurements

Fixture Output: 1560 lm
Fixture Peak: 16581 cd
Fixture Efficacy: 6 lm/W
Intensity @ 5m: 663 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.3°
Field Angle (10%): 27.2°
Cutoff Angle (3%): 33.8°

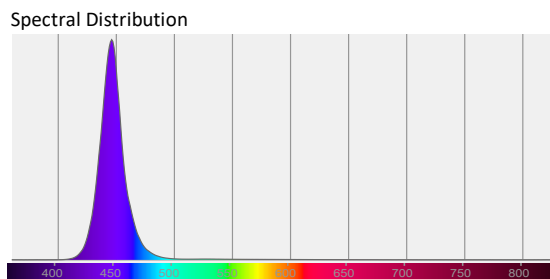
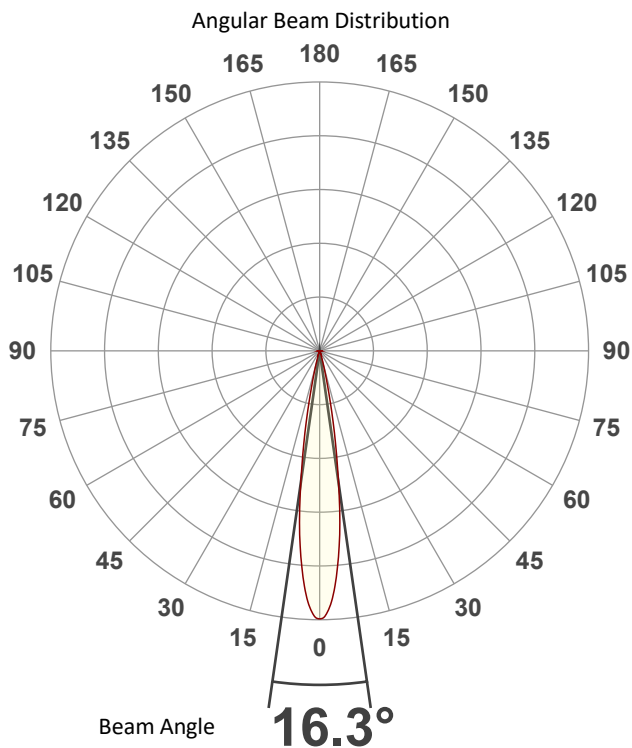


Conditions

AC Supply: 115 V, 60 Hz
Power: 252.43 W
Current: 2.19 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

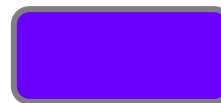
Overall Measurement



Tested Color (CIE 1931):

X: 0.159

Y: 0.023



Light Quality

CRI: 0.0

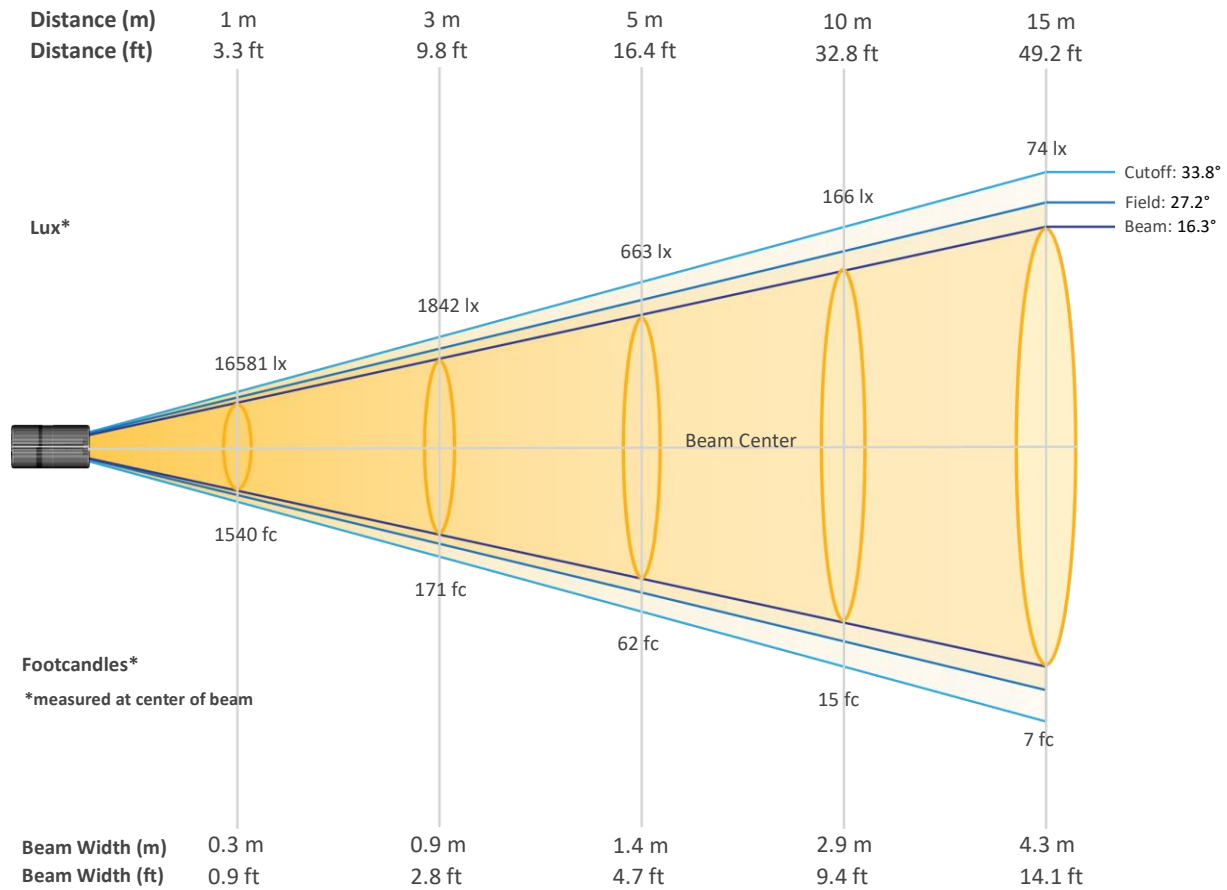
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue

Beam Details

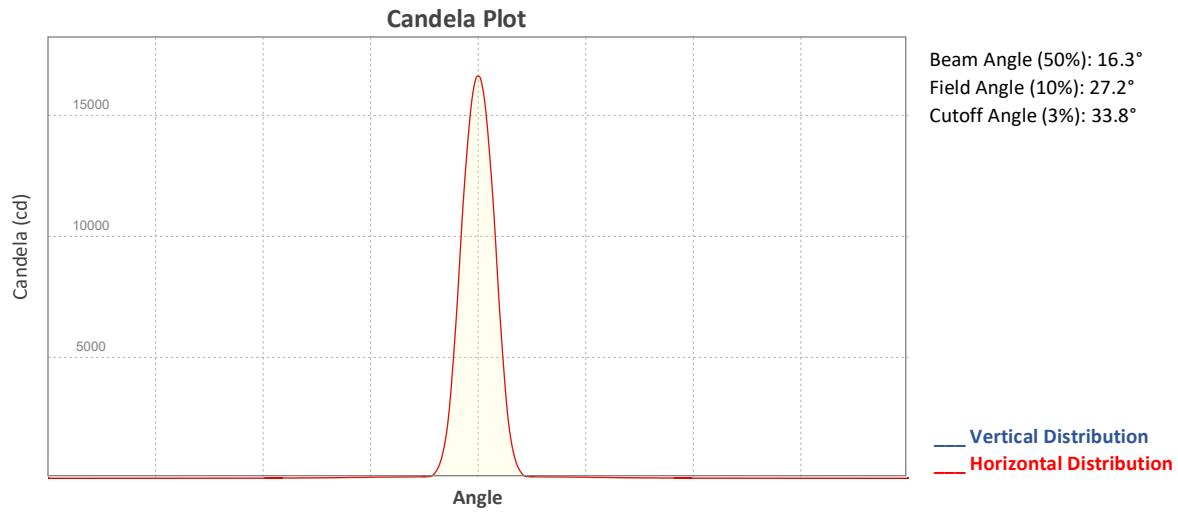


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16581	4145	1842	1036	663	461	338	259	205	166
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	137	115	98	85	74	65	57	51	46	41
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1540	385	171	96	62	43	31	24	19	15
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

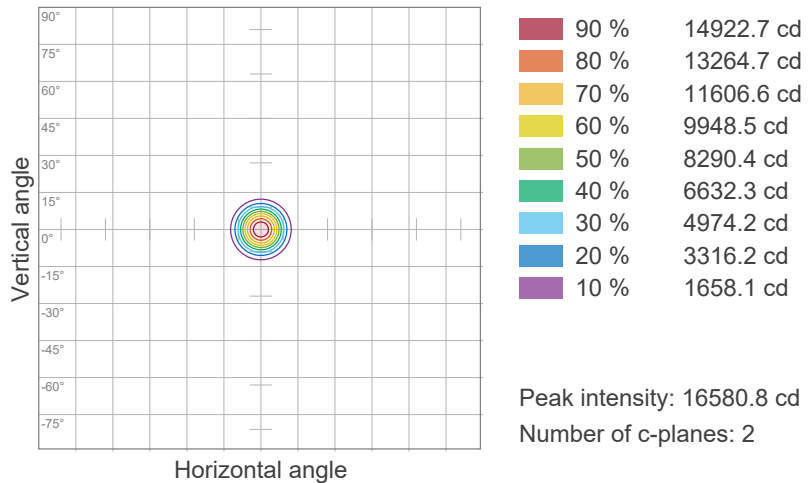
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue

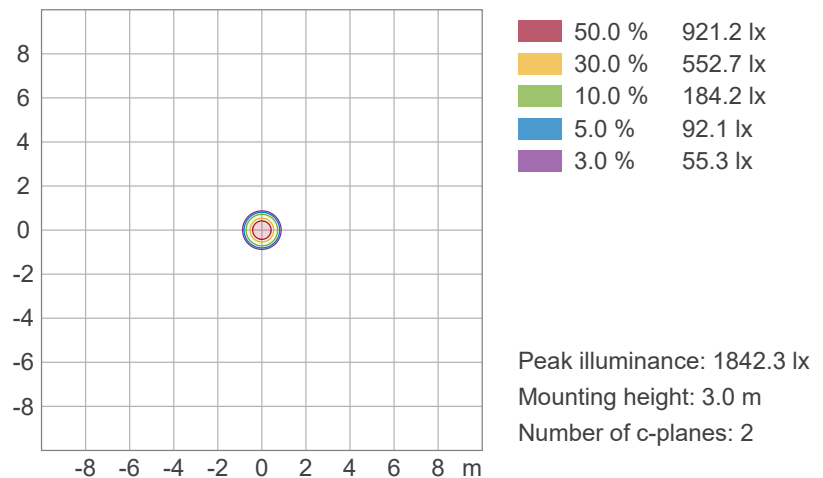


ISO Diagrams

ISO Candela Diagram



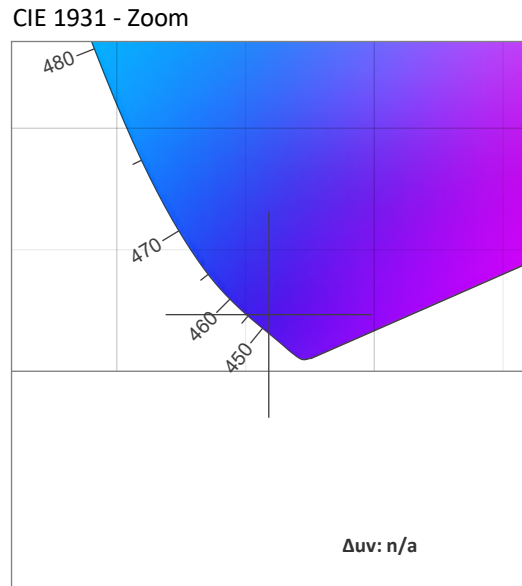
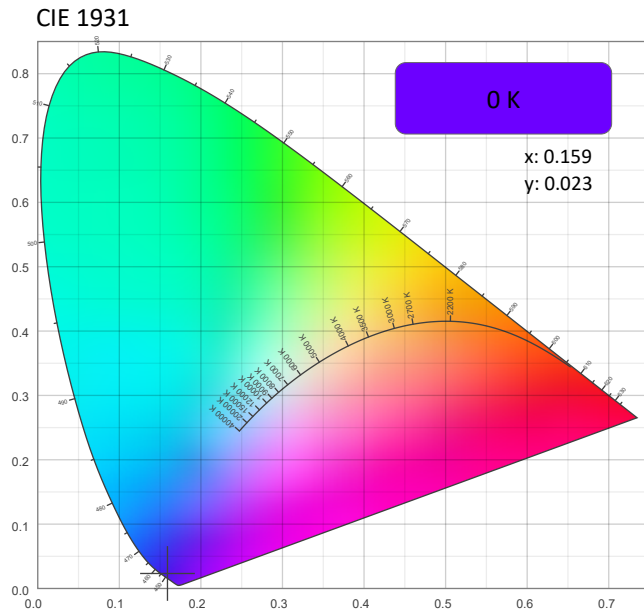
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue

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	0.159	0.023

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.023	0.215

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

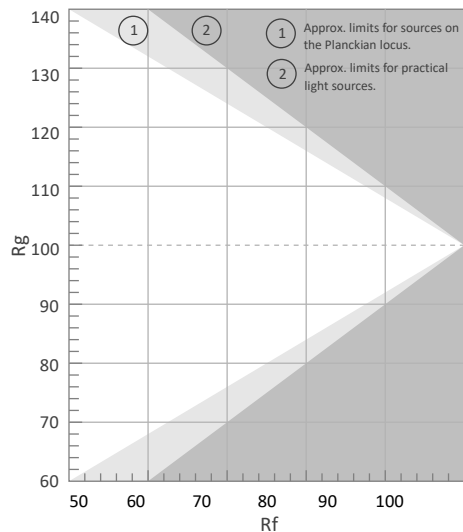
Rogue Outcast 3X Wash: 50% Zoom - Blue

TM-30 Details

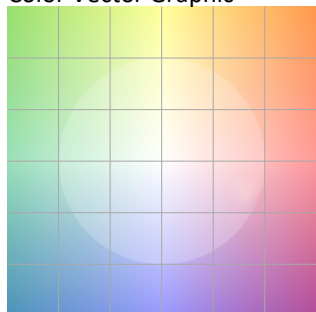
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

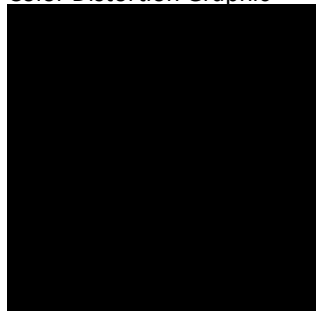
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



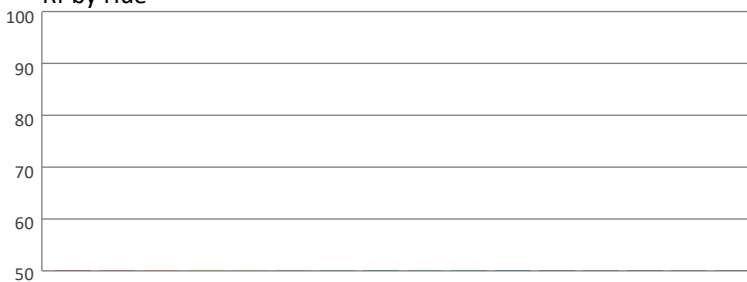
Color Vector Graphic



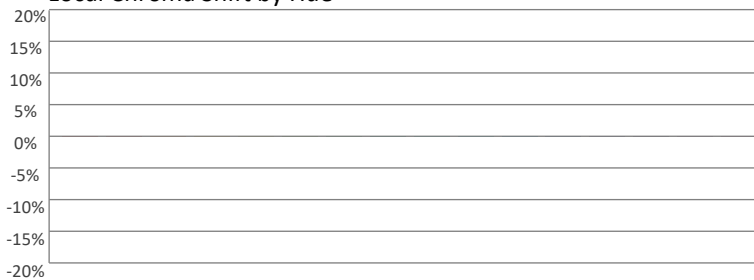
Color Distortion Graphic



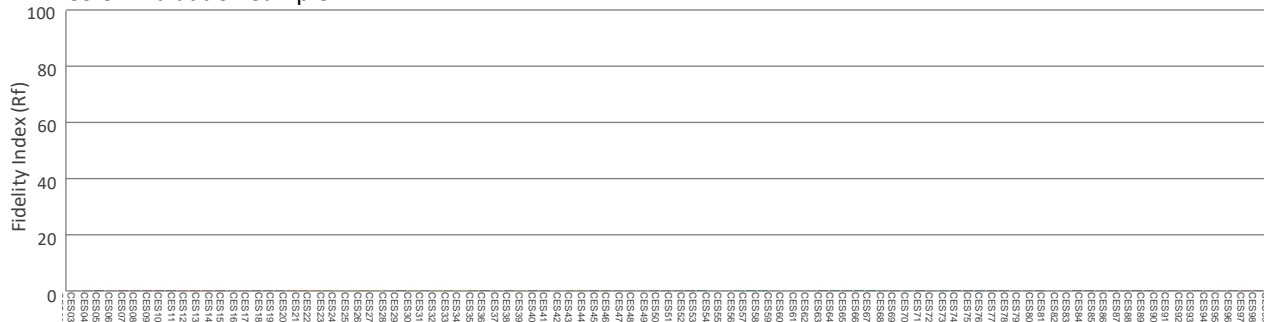
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue - Cali On

Report Summary

Measurements

Fixture Output: 1554 lm
Fixture Peak: 16611 cd
Fixture Efficacy: 6 lm/W
Intensity @ 5m: 664 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 16.2°
Field Angle (10%): 27.2°
Cutoff Angle (3%): 33.8°

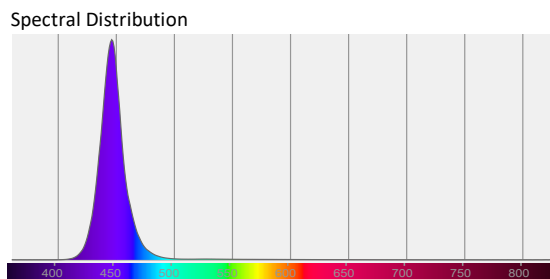
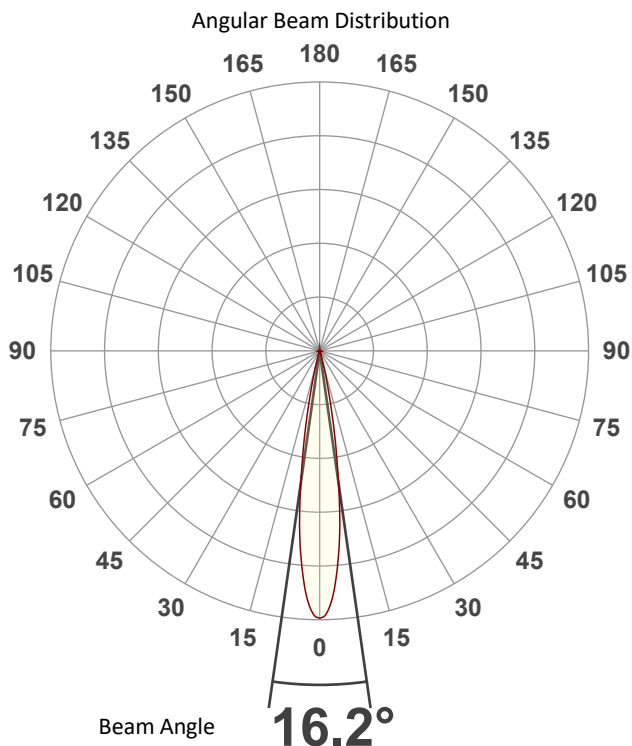


Conditions

AC Supply: 115 V, 60 Hz
Power: 243.78 W
Current: 2.11 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

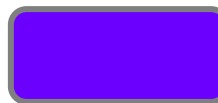
Overall Measurement



Tested Color (CIE 1931):

X: 0.159

Y: 0.023



Light Quality

CRI: 0.0

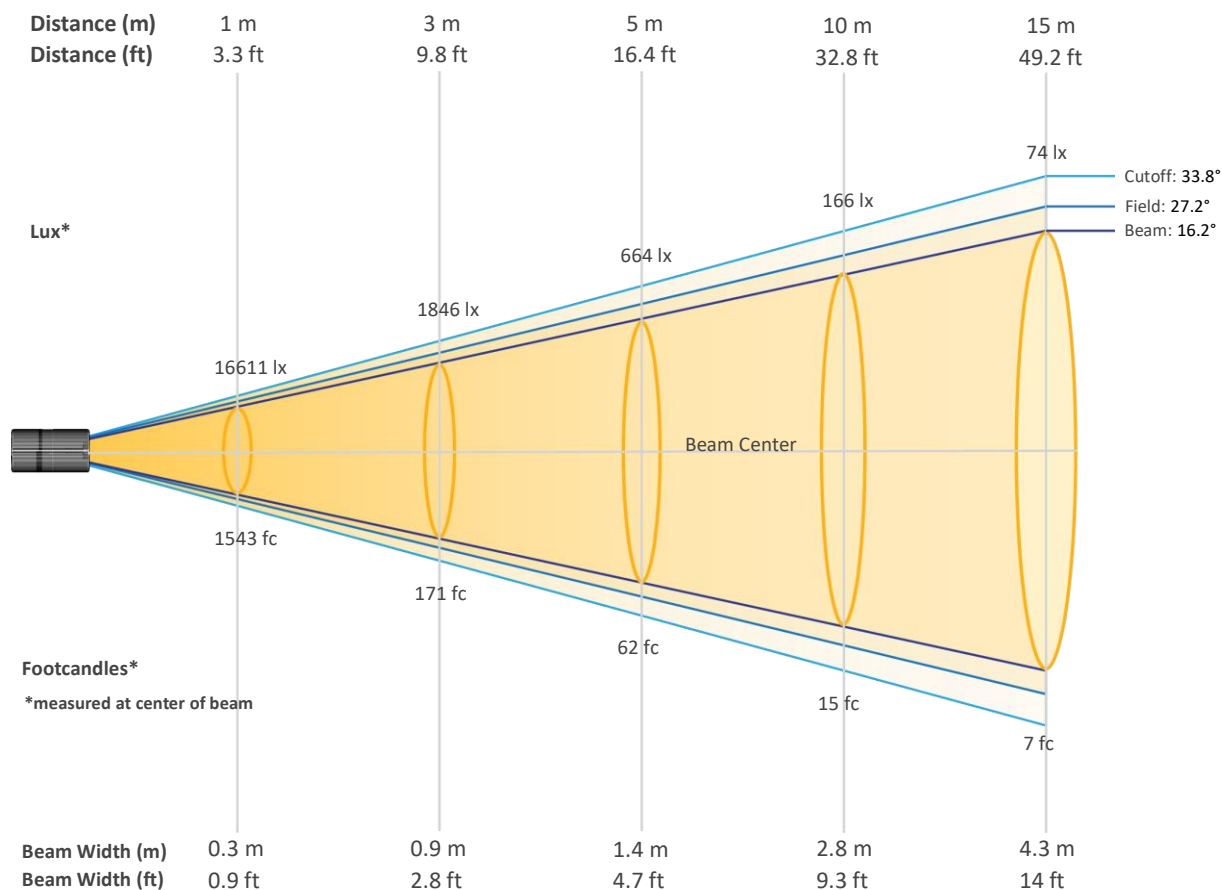
Color Temperature

0 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue - Cali On

Beam Details

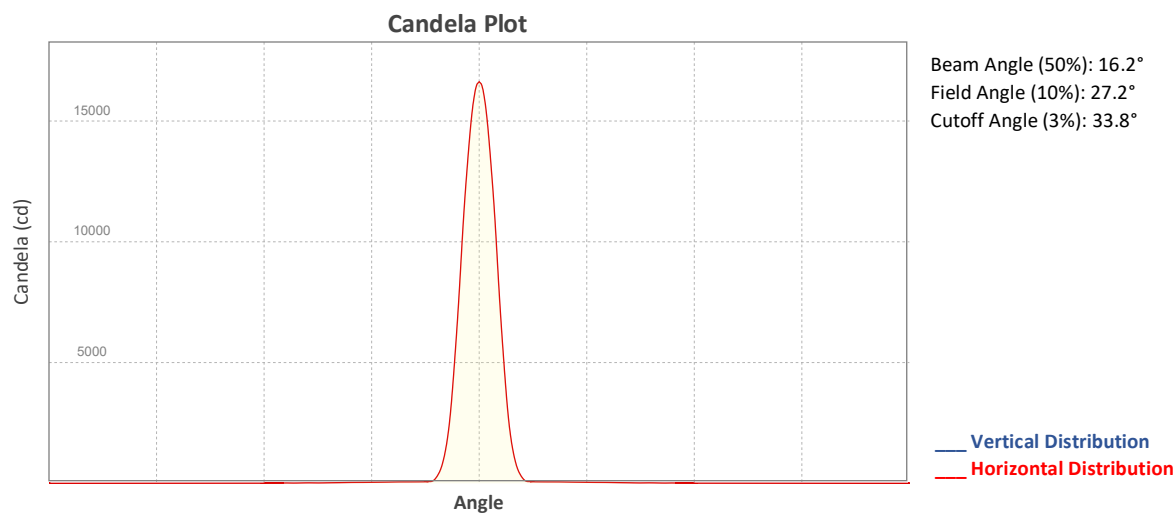


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16611	4153	1846	1038	664	461	339	260	205	166
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	137	115	98	85	74	65	57	51	46	42
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1543	386	171	96	62	43	31	24	19	15
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	13	11	9	8	7	6	5	5	4	4

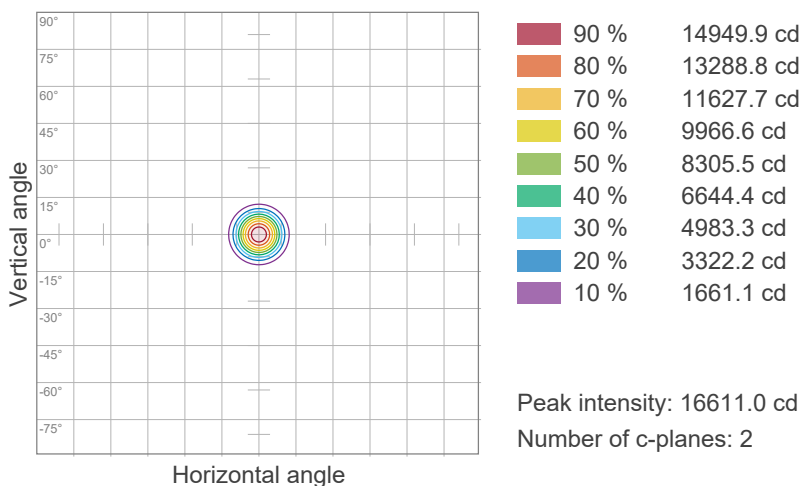
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue - Cali On

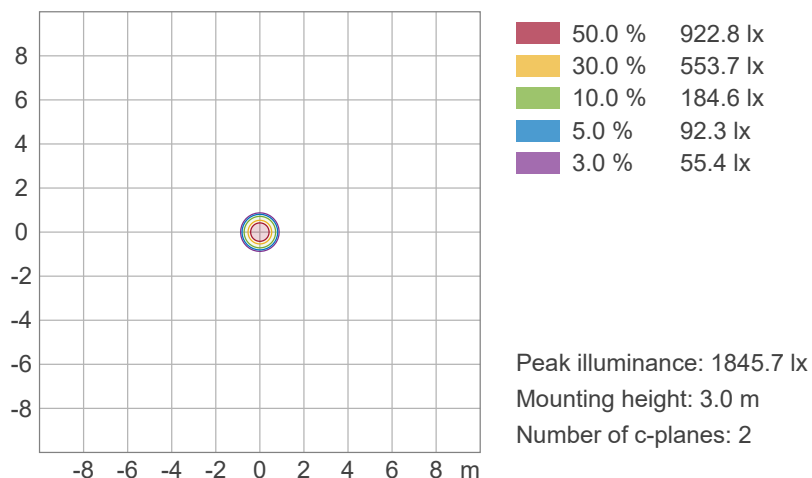


ISO Diagrams

ISO Candela Diagram



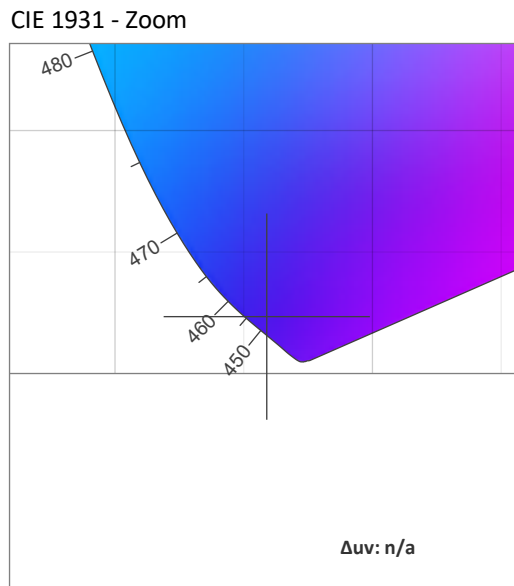
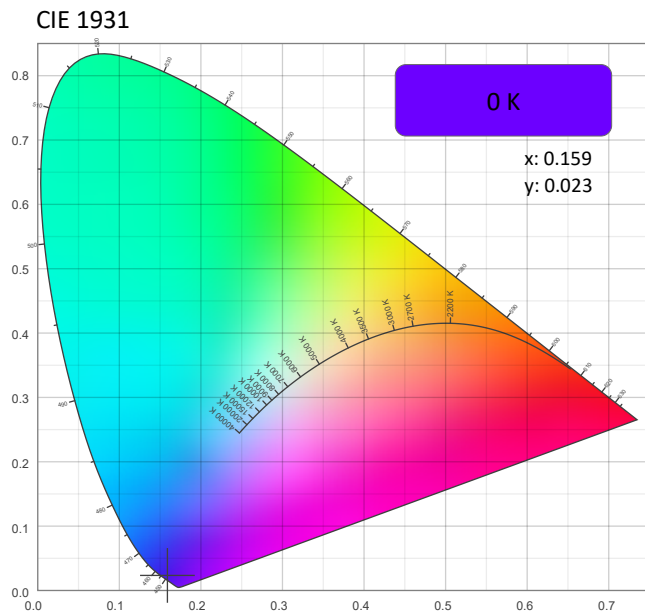
ISO Lux Diagram



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - Blue - Cali On

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	0.159	0.023

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.023	0.215

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

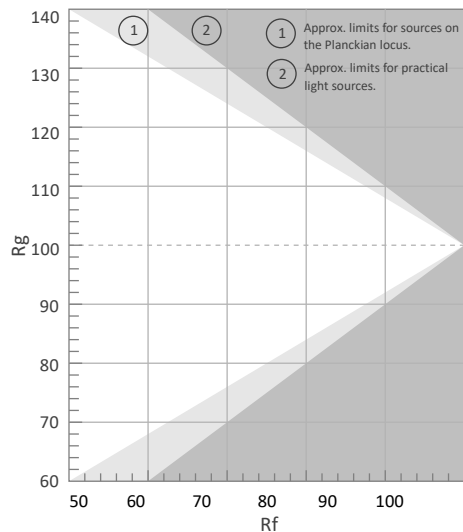
Rogue Outcast 3X Wash: 50% Zoom - Blue - Cali On

TM-30 Details

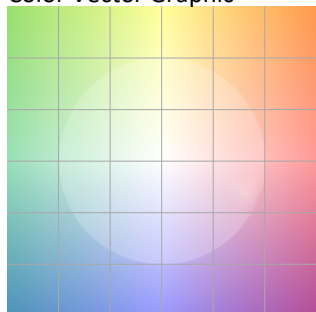
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index (Rg)

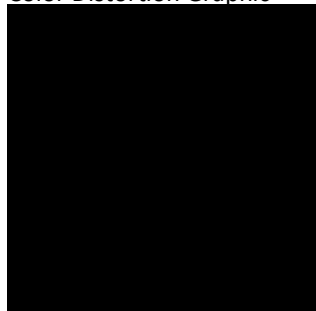
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



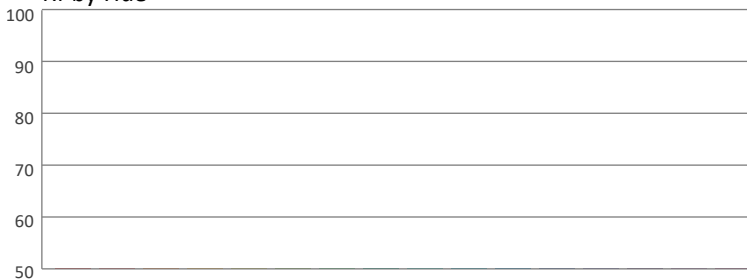
Color Vector Graphic



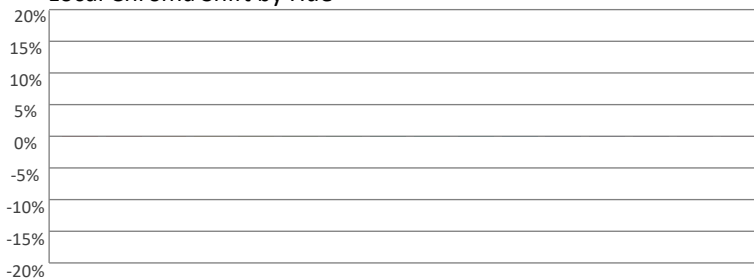
Color Distortion Graphic



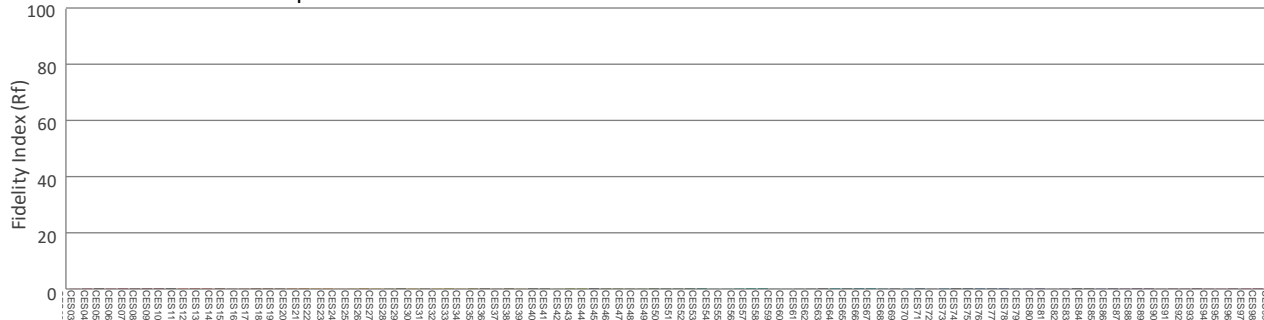
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White

Report Summary

Measurements

Fixture Output: 8038 lm
Fixture Peak: 84256 cd
Fixture Efficacy: 33 lm/W
Intensity @ 5m: 3370 lux
Color Temperature: 6595 K
CRI: 68.5 CRI R9 Value: -13.9
CQS: 66.4
TLCI: 44
TM-30 Rf: 65.5
TM-30 Rg: 97.5
Beam Angle (50%): 17°
Field Angle (10%): 28.1°
Cutoff Angle (3%): 34.6°

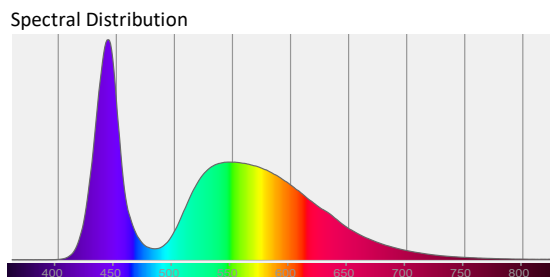
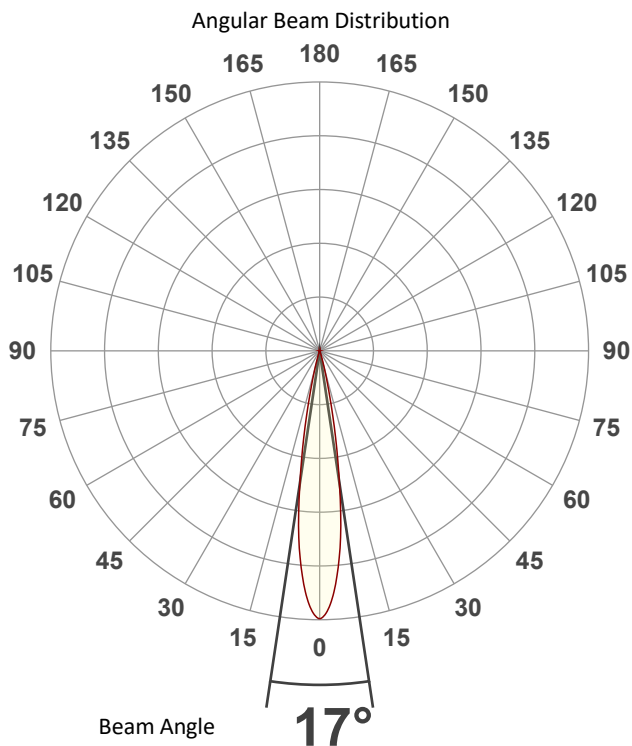


Conditions

AC Supply: 115 V, 60 Hz
Power: 244.53 W
Current: 2.12 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

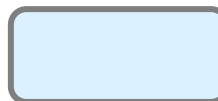
Overall Measurement



Tested Color (CIE 1931):

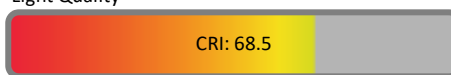
X: 0.313

Y: 0.315



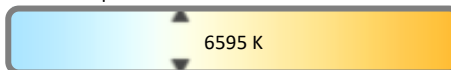
Light Quality

CRI: 68.5



Color Temperature

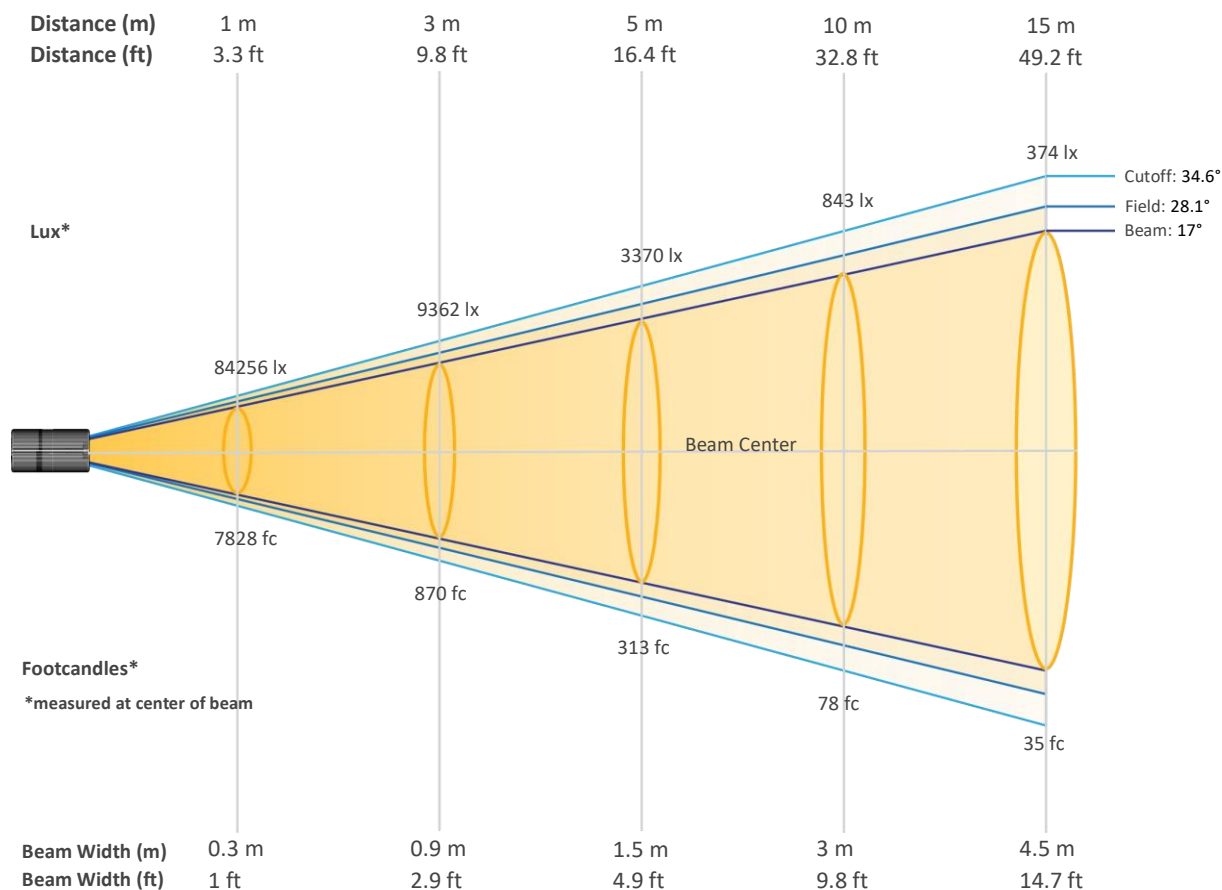
6595 K



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White

Beam Details

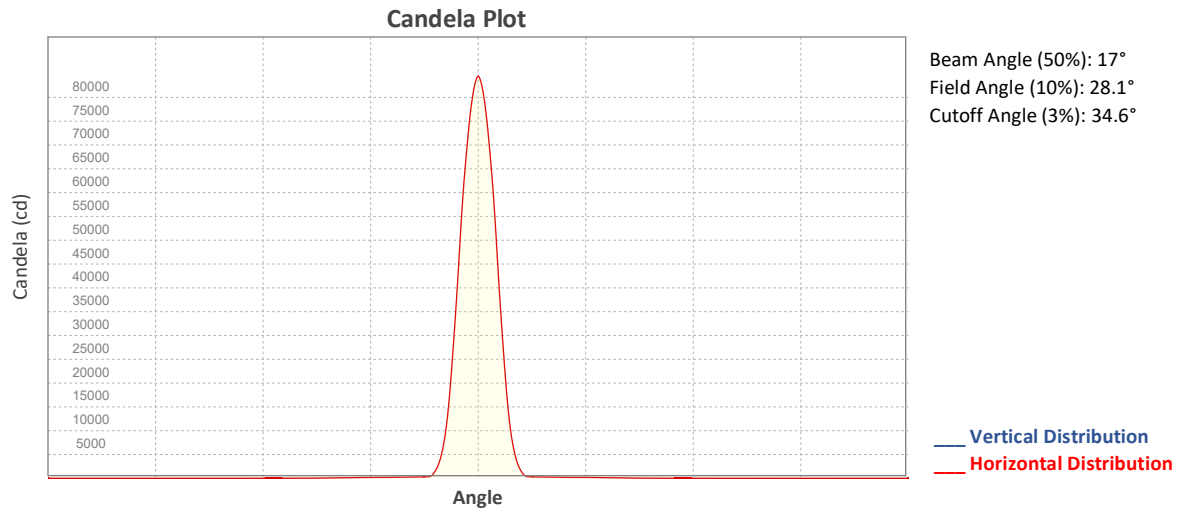


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	84256	21064	9362	5266	3370	2340	1720	1316	1040	843
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	696	585	499	430	374	329	292	260	233	211
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7828	1957	870	489	313	217	160	122	97	78
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	65	54	46	40	35	31	27	24	22	20

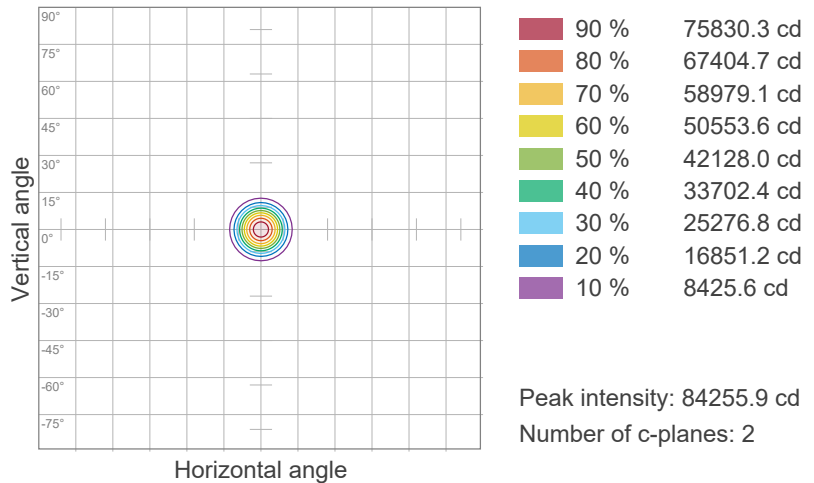
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White

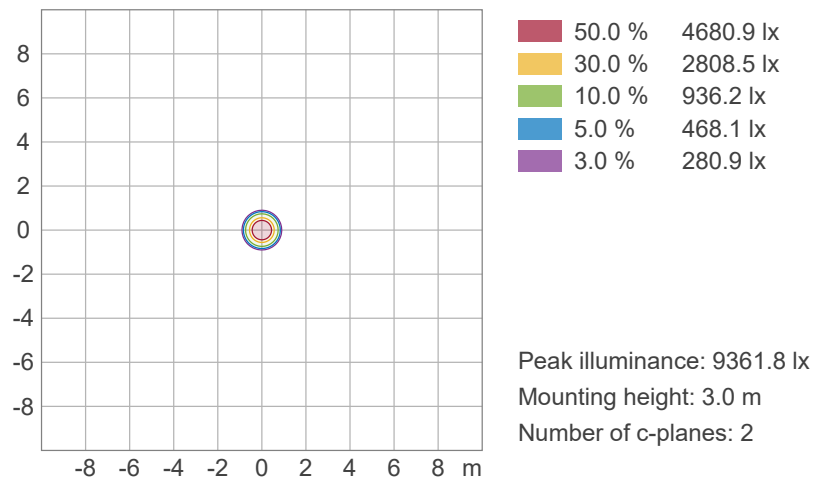


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

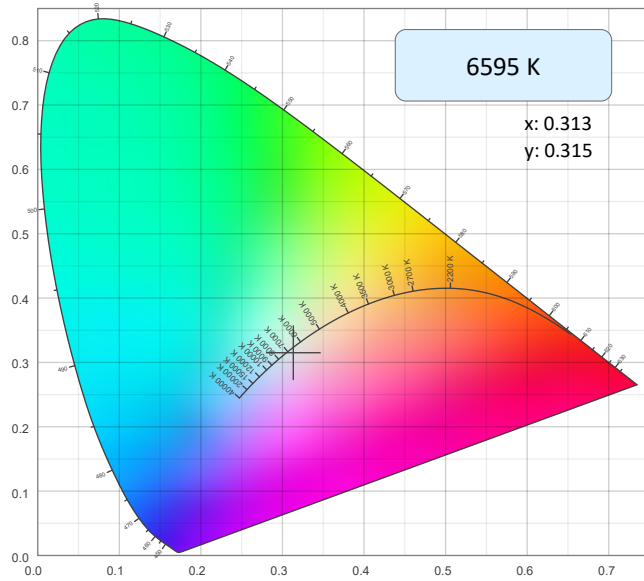


Photometric & Chromaticity Report

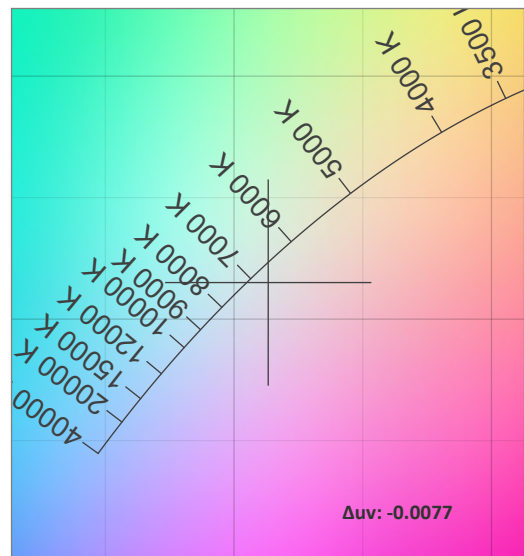
Rogue Outcast 3X Wash: 50% Zoom - White

Chromaticity

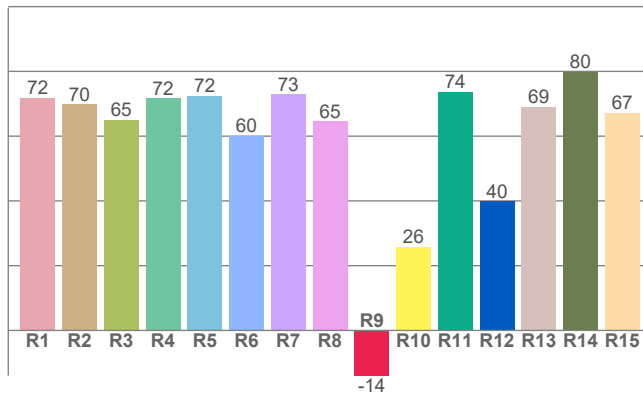
CIE 1931



CIE 1931 - Zoom



CRI: 68.5 (R1-R8)

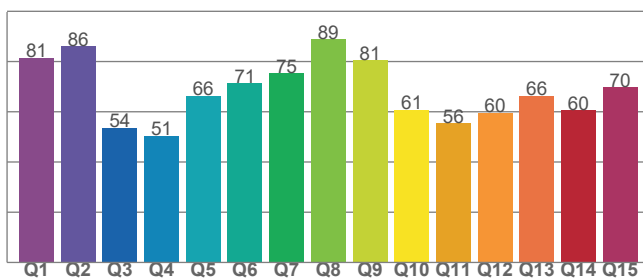


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6595 K	0.313	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0077	0.315	0.204

CQS: 66.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.5	-13.9	66.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	65.5	97.5

Photometric & Chromaticity Report

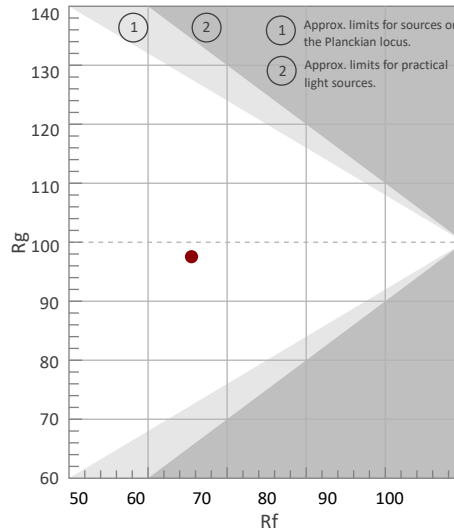
Rogue Outcast 3X Wash: 50% Zoom - White

TM-30 Details

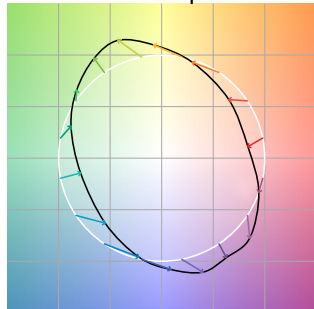
Rf 65.5
Fidelity Index
(Rg)

Rg 97.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	70	-16%	-5%
2	68	-14%	11%
3	57	-6%	27%
4	53	6%	29%
5	58	20%	19%
6	75	17%	1%
7	85	5%	-9%
8	75	-8%	-13%
9	77	-20%	-1%
10	58	-19%	22%
11	37	-8%	35%
12	56	4%	30%
13	70	16%	18%
14	74	15%	-1%
15	75	14%	-17%
16	77	-1%	-14%



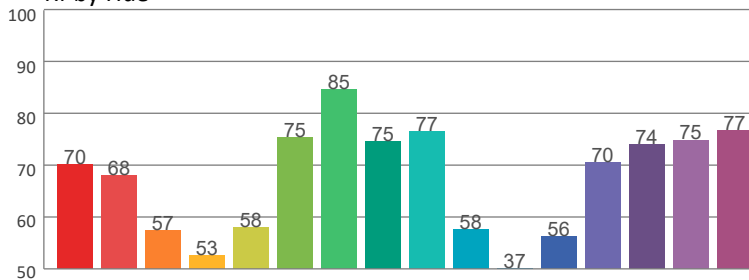
Color Vector Graphic



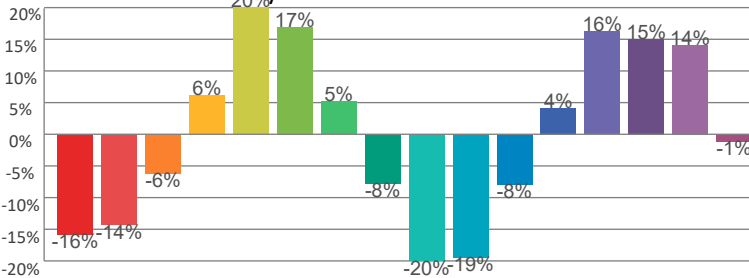
Color Distortion Graphic



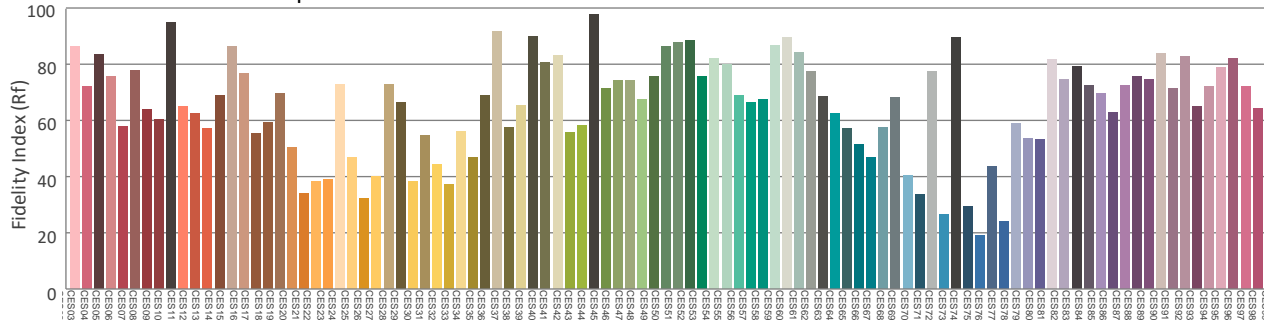
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White - Cali On

Report Summary

Measurements

Fixture Output: 8032 lm
Fixture Peak: 84170 cd
Fixture Efficacy: 33 lm/W
Intensity @ 5m: 3367 lux
Color Temperature: 6595 K
CRI: 68.5 CRI R9 Value: -13.9
CQS: 66.4
TLCI: 44
TM-30 Rf: 65.5
TM-30 Rg: 97.5
Beam Angle (50%): 17°
Field Angle (10%): 28.1°
Cutoff Angle (3%): 34.7°

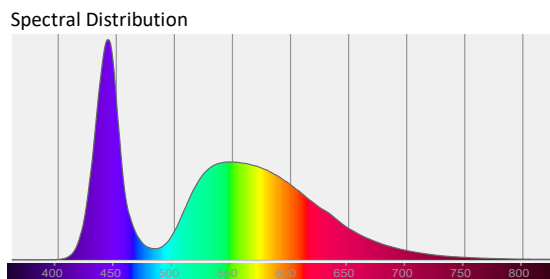
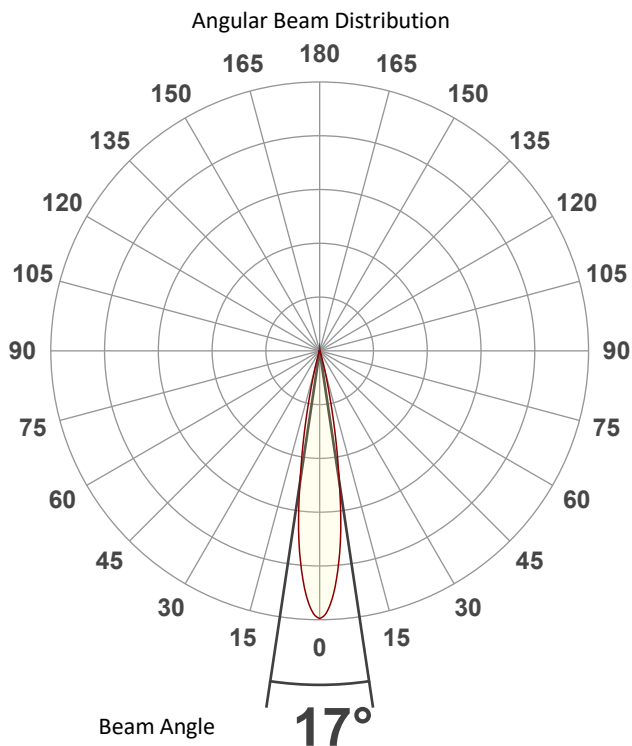


Conditions

AC Supply: 115 V, 60 Hz
Power: 244.15 W
Current: 2.12 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/12/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.313
Y: 0.315

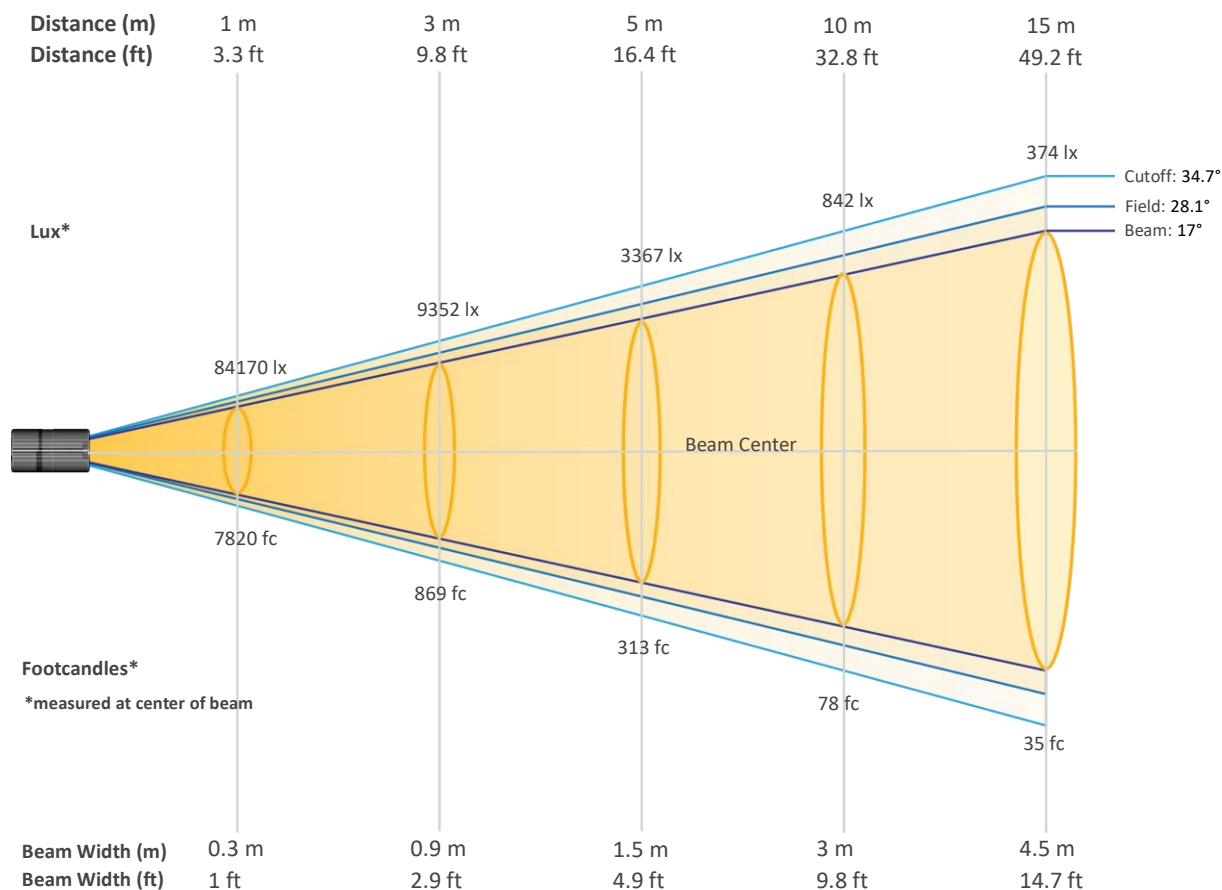
Light Quality
CRI: 68.5

Color Temperature
6595 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White - Cali On

Beam Details

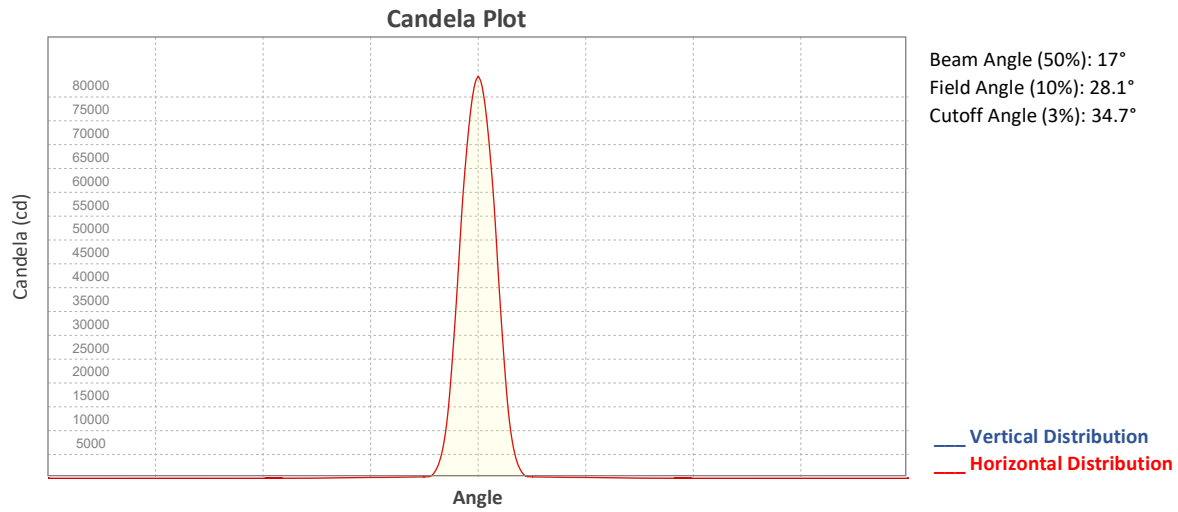


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	84170	21042	9352	5261	3367	2338	1718	1315	1039	842
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	696	585	498	429	374	329	291	260	233	210
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7820	1955	869	489	313	217	160	122	97	78
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	65	54	46	40	35	31	27	24	22	20

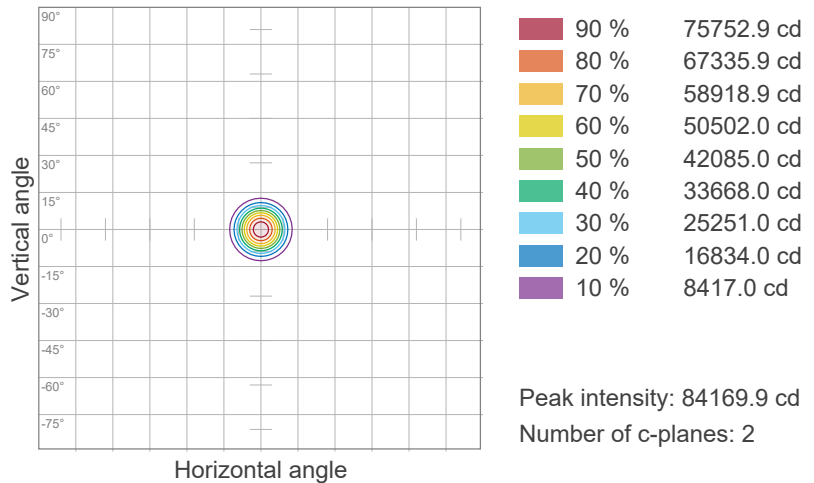
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White - Cali On

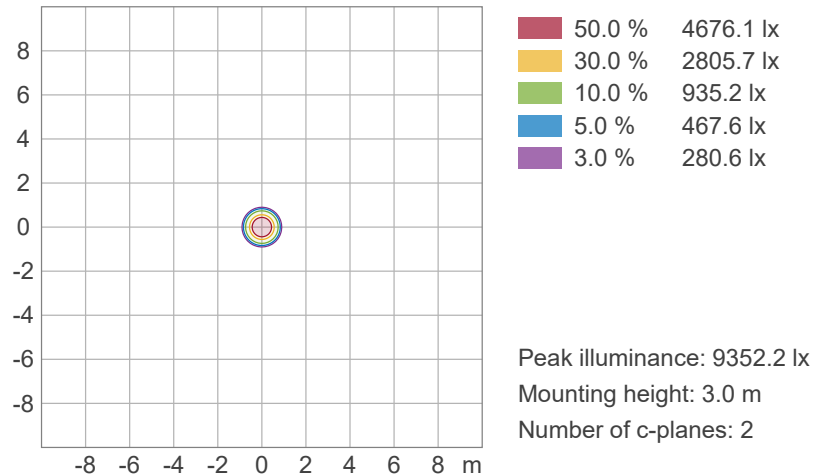


ISO Diagrams

ISO Candela Diagram



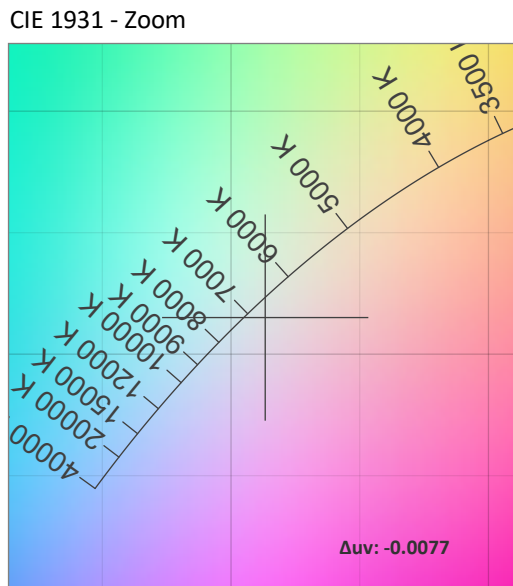
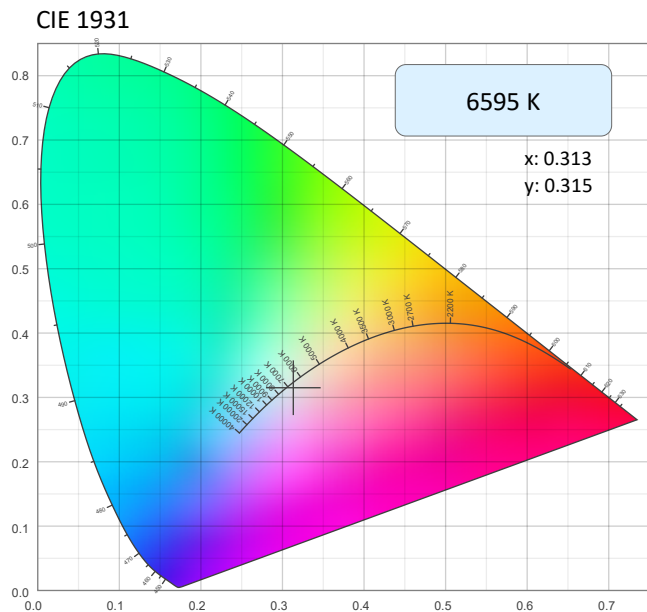
ISO Lux Diagram



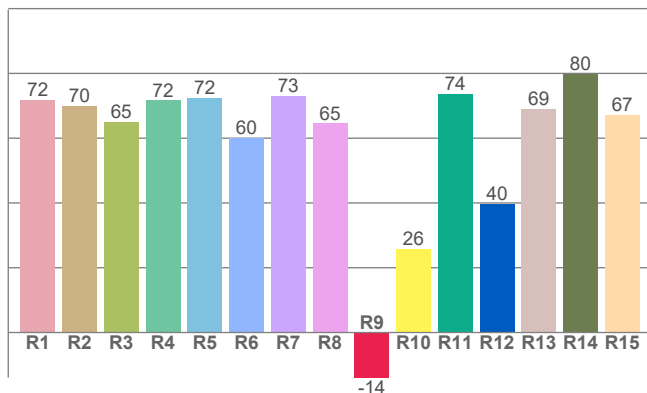
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - White - Cali On

Chromaticity



CRI: 68.5 (R1-R8)

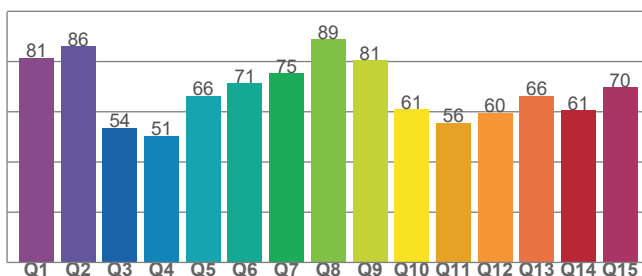


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6595 K	0.313	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0077	0.315	0.204

CQS: 66.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.5	-13.9	66.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
44	65.5	97.5

Photometric & Chromaticity Report

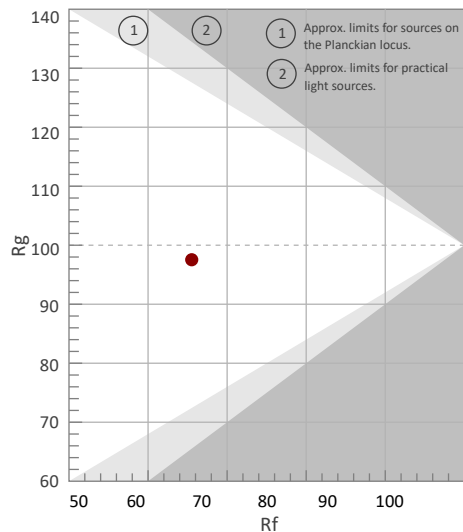
Rogue Outcast 3X Wash: 50% Zoom - White - Cali On

TM-30 Details

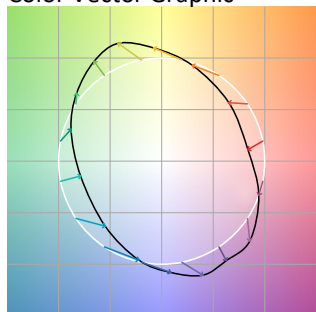
Rf 65.5
Fidelity Index
(Rg)

Rg 97.5
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	70	-16%	-5%
2	68	-14%	11%
3	57	-6%	27%
4	53	6%	29%
5	58	20%	19%
6	75	17%	1%
7	85	5%	-9%
8	75	-8%	-13%
9	77	-20%	-1%
10	58	-19%	22%
11	37	-8%	35%
12	56	4%	30%
13	70	16%	18%
14	74	15%	-1%
15	75	14%	-17%
16	77	-1%	-14%



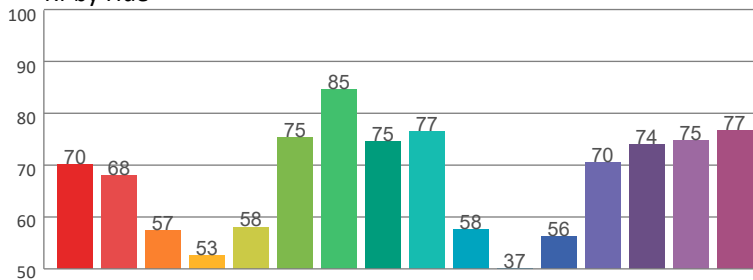
Color Vector Graphic



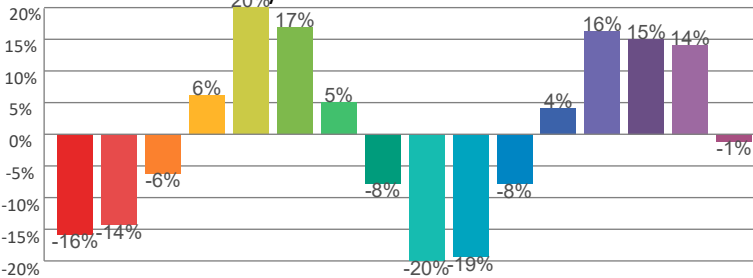
Color Distortion Graphic



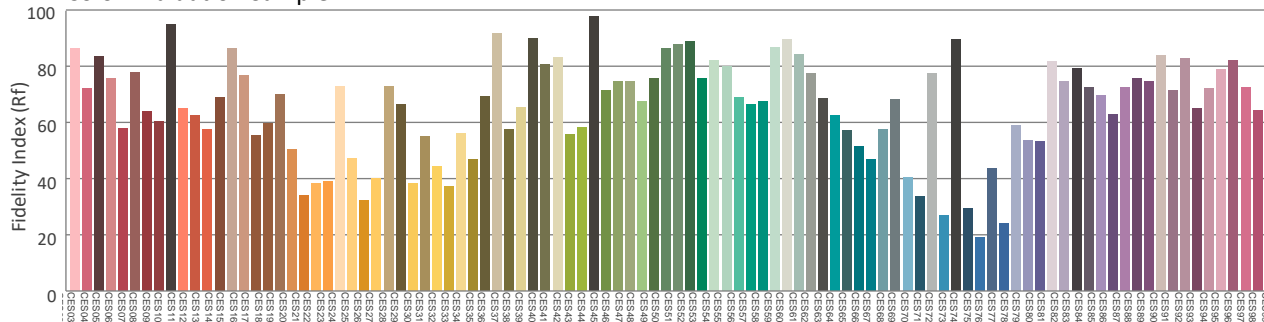
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 3200K

Report Summary

Measurements

Fixture Output: 11325 lm
Fixture Peak: 118856 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 4754 lux
Color Temperature: 3226 K
CRI: 38.7 CRI R9 Value: -118.1
CQS: 59.5
TLCI: 19
TM-30 Rf: 62.0
TM-30 Rg: 121.1
Beam Angle (50%): 16.9°
Field Angle (10%): 28.2°
Cutoff Angle (3%): 34.9°

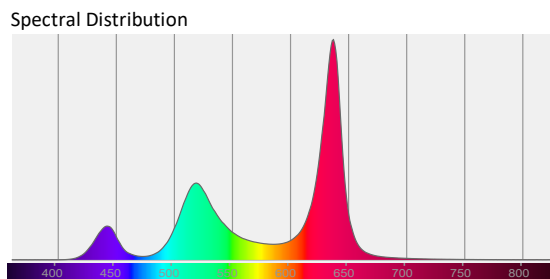
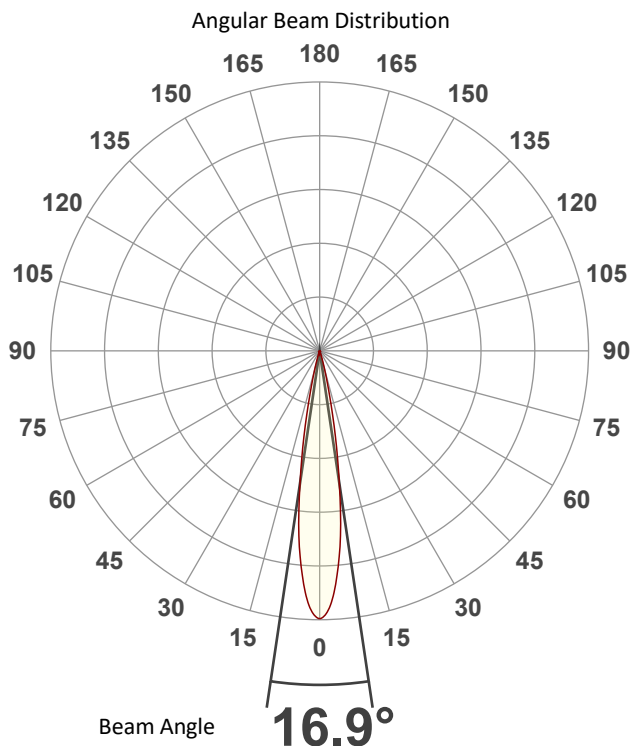


Conditions

AC Supply: 110 V, 60.1 Hz
Power: 453.96 W
Current: 4.11 A
Power Factor: 1.0

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 11/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.424
Y: 0.402

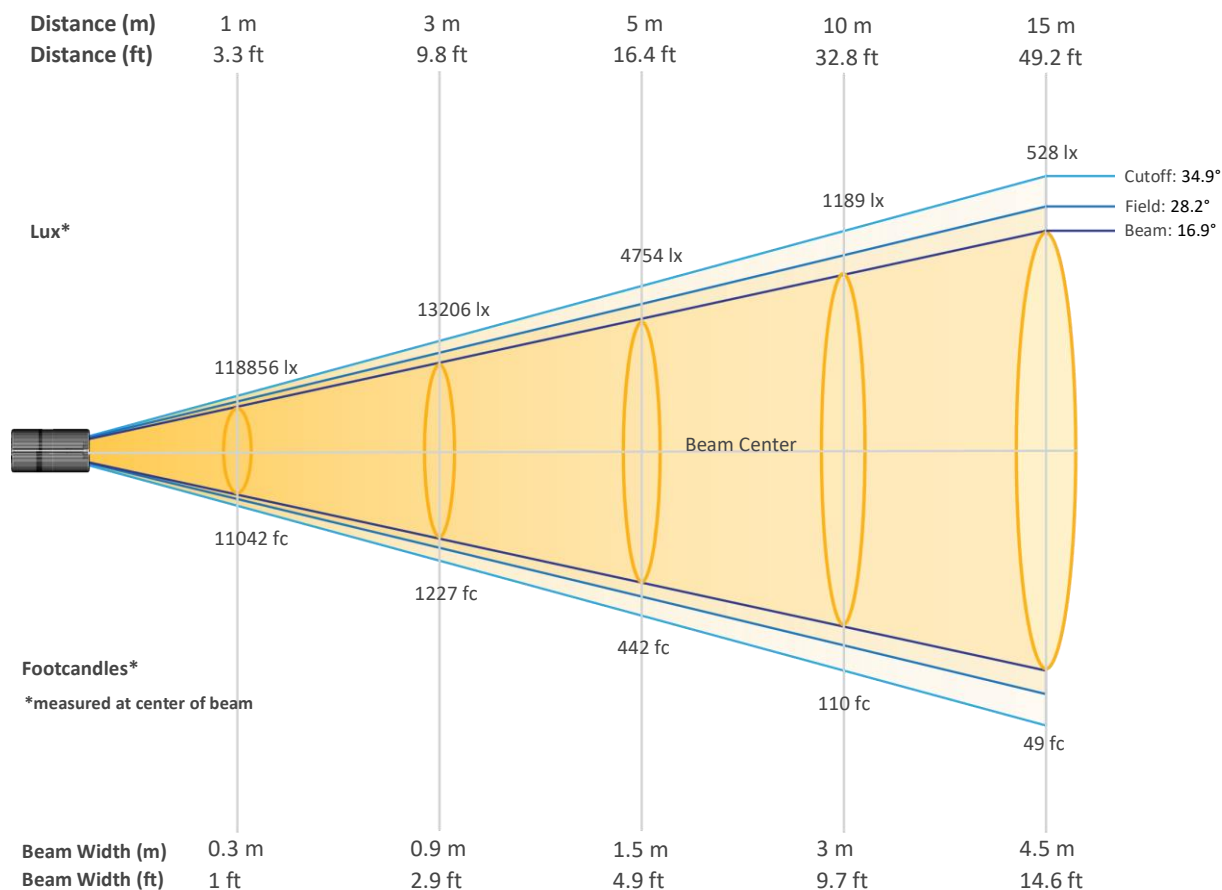
Light Quality
CRI: 38.7

Color Temperature
3226 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 3200K

Beam Details

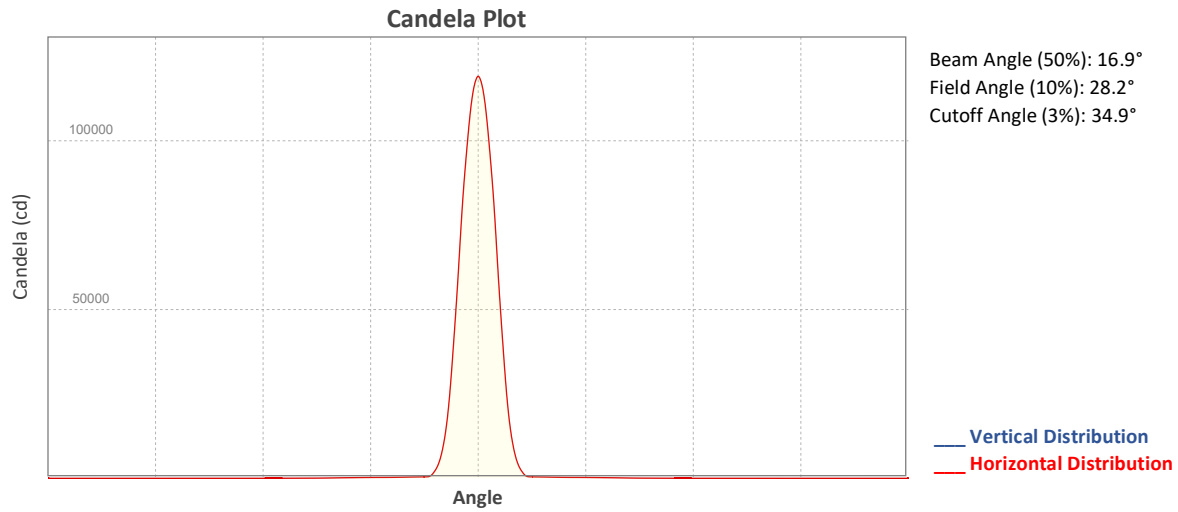


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	118856	29714	13206	7428	4754	3302	2426	1857	1467	1189
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	982	825	703	606	528	464	411	367	329	297
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11042	2761	1227	690	442	307	225	173	136	110
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	91	77	65	56	49	43	38	34	31	28

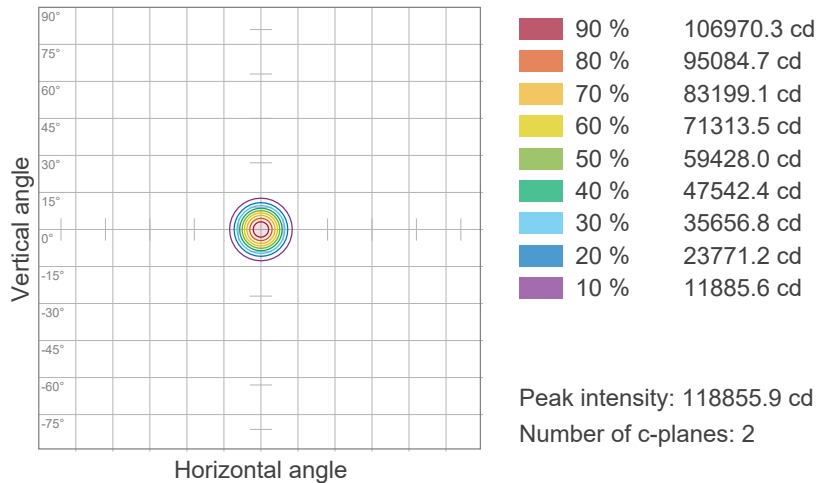
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 3200K

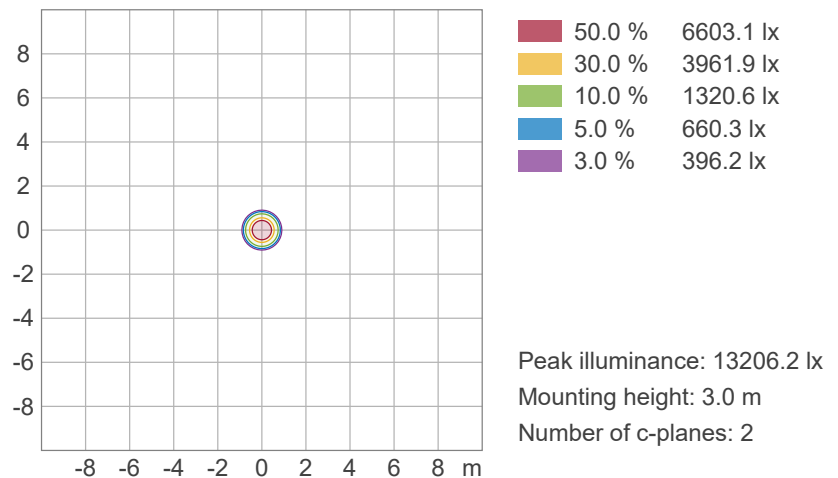


ISO Diagrams

ISO Candela Diagram



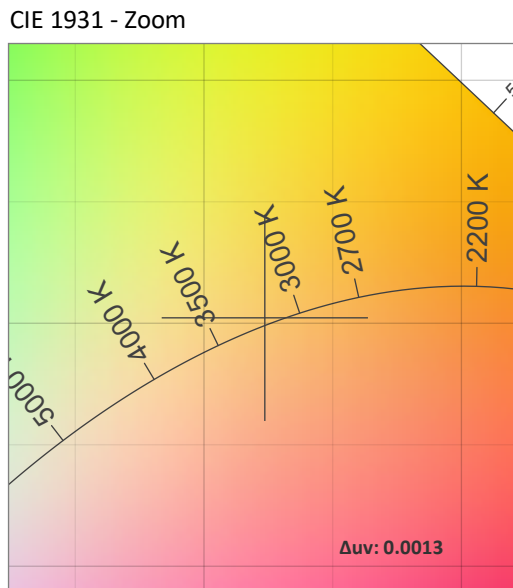
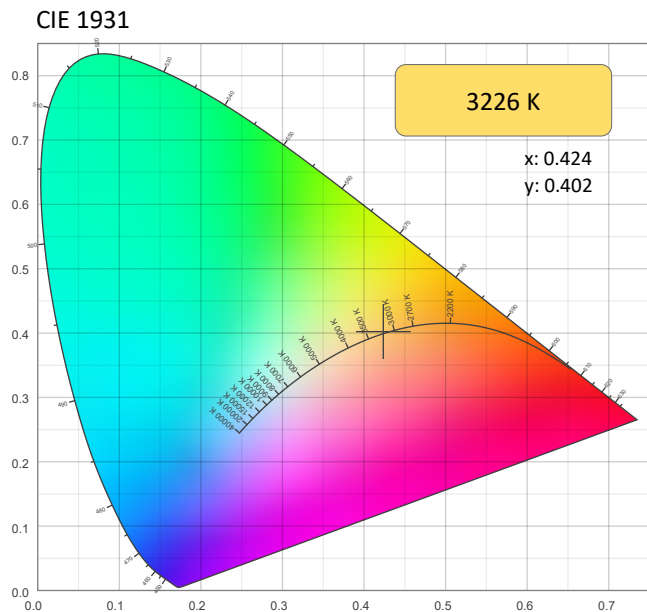
ISO Lux Diagram



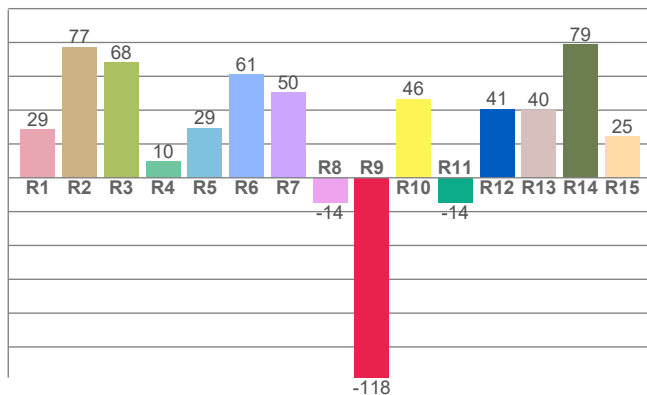
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 3200K

Chromaticity



CRI: 38.7 (R1-R8)

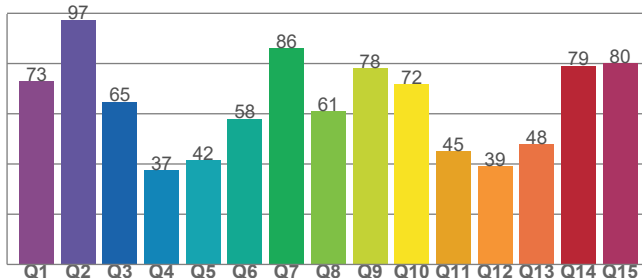


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3226 K	0.424	0.402

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0013	0.402	0.243

CQS: 59.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
38.7	-118.1	59.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
19	62.0	121.1

Photometric & Chromaticity Report

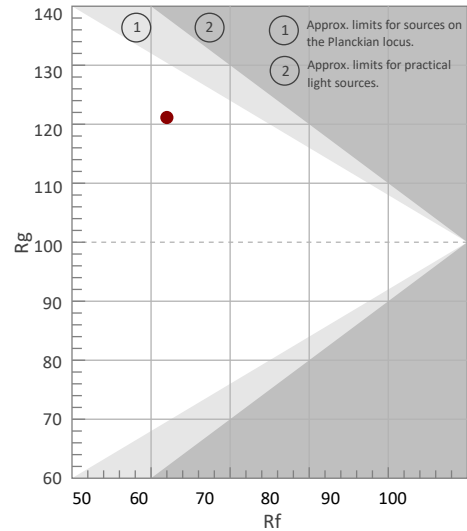
Rogue Outcast 3X Wash: 50% Zoom - 3200K

TM-30 Details

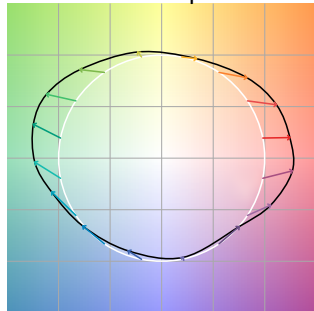
Rf 62.0
Fidelity Index
(Rg)

Rg 121.1
Gammut Index (Rg)

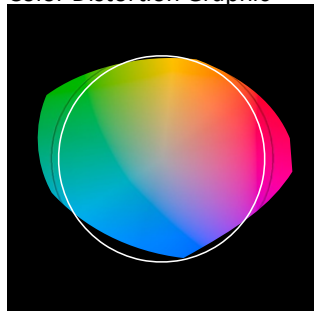
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	50	26%	-5%
2	49	21%	-19%
3	47	11%	-25%
4	74	1%	-14%
5	83	6%	3%
6	64	15%	18%
7	54	27%	11%
8	52	28%	-8%
9	58	21%	-20%
10	45	7%	-32%
11	60	-3%	-27%
12	77	-6%	-14%
13	92	-2%	2%
14	67	-3%	26%
15	61	13%	21%
16	61	27%	13%



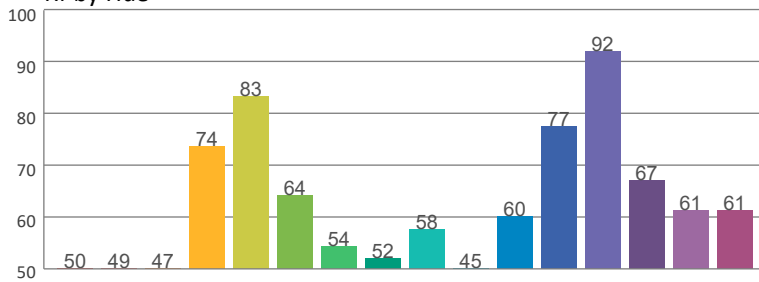
Color Vector Graphic



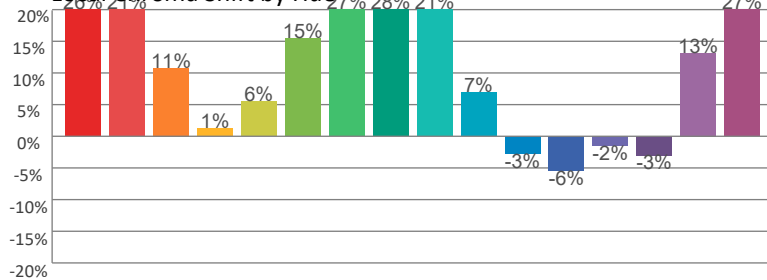
Color Distortion Graphic



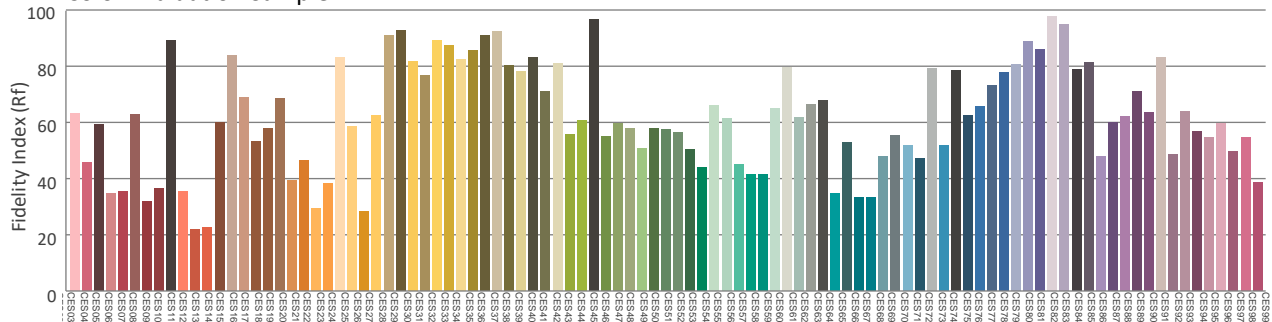
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 4000K

Report Summary

Measurements

Fixture Output: 5531 lm
Fixture Peak: 59385 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 2375 lux
Color Temperature: 4007 K
CRI: 23.3 CRI R9 Value: -199.8
CQS: 50.5
TLCI: 14
TM-30 Rf: 54.1
TM-30 Rg: 124.9
Beam Angle (50%): 16.6°
Field Angle (10%): 27.9°
Cutoff Angle (3%): 34.6°

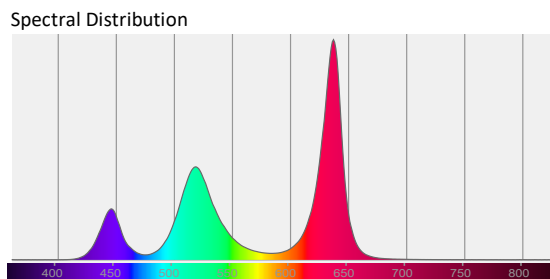
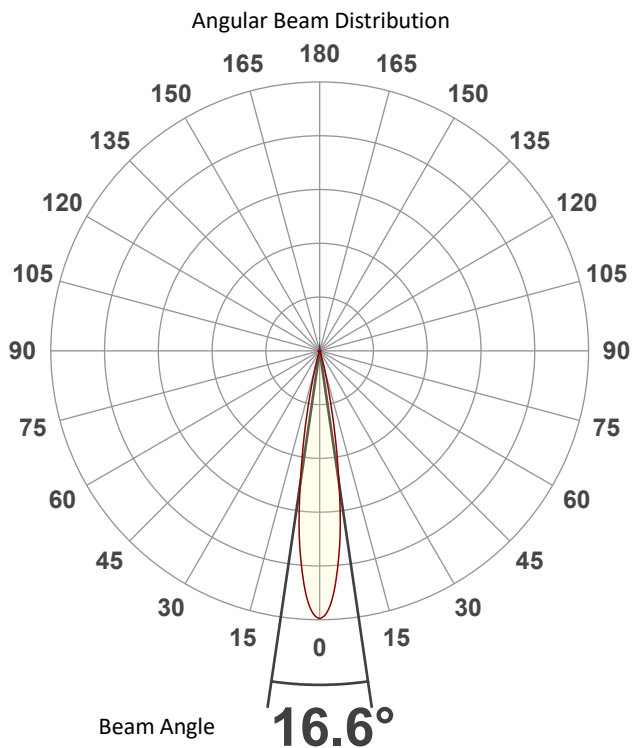


Conditions

AC Supply: 114 V, 60 Hz
Power: 257.09 W
Current: 2.25 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/13/2024 to LM-63-2002 Standards.

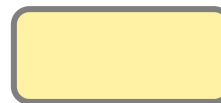
Overall Measurement



Tested Color (CIE 1931):

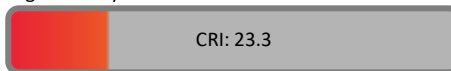
X: 0.381

Y: 0.380



Light Quality

CRI: 23.3



Color Temperature

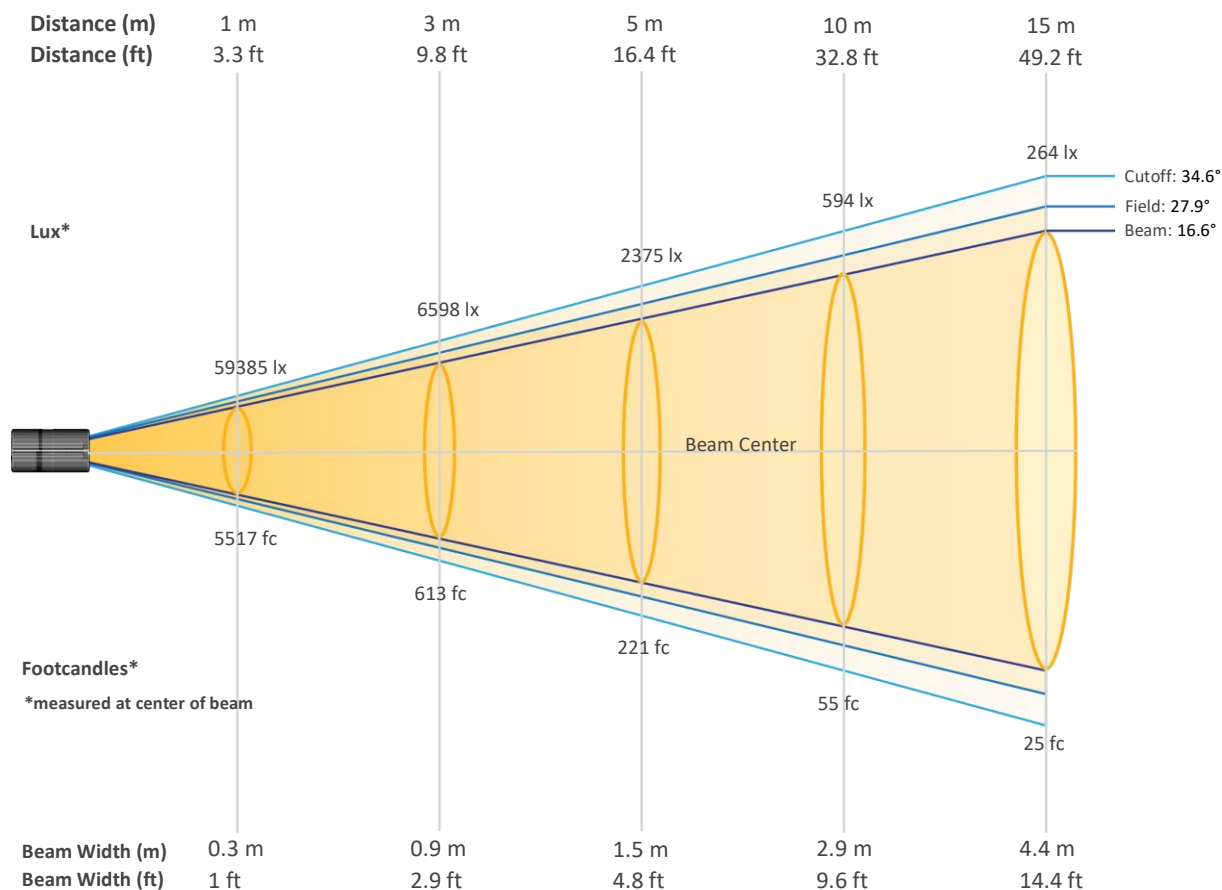
4007 K



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 4000K

Beam Details

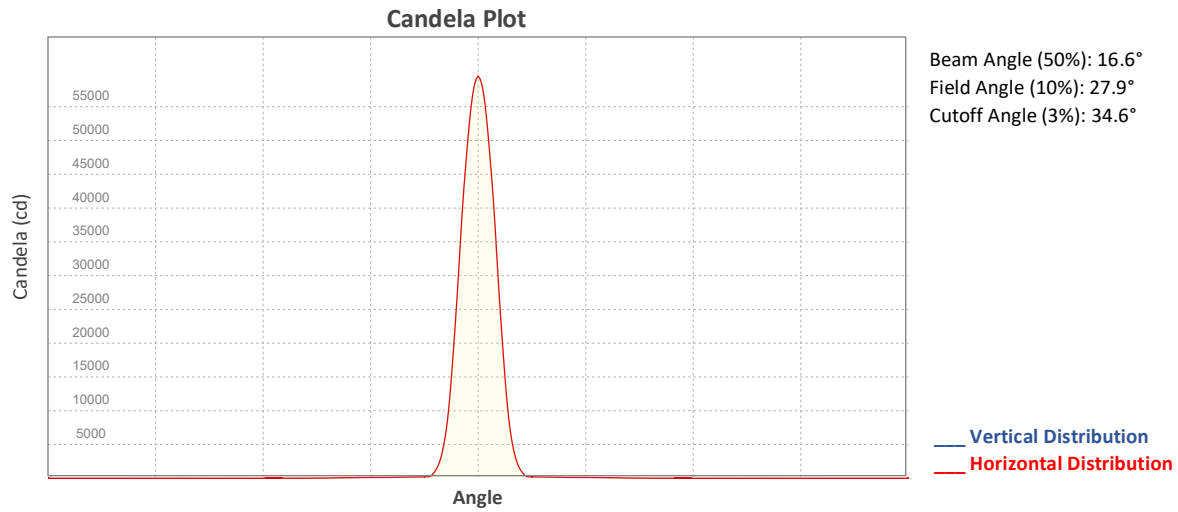


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	59385	14846	6598	3712	2375	1650	1212	928	733	594
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	491	412	351	303	264	232	205	183	165	148
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5517	1379	613	345	221	153	113	86	68	55
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	46	38	33	28	25	22	19	17	15	14

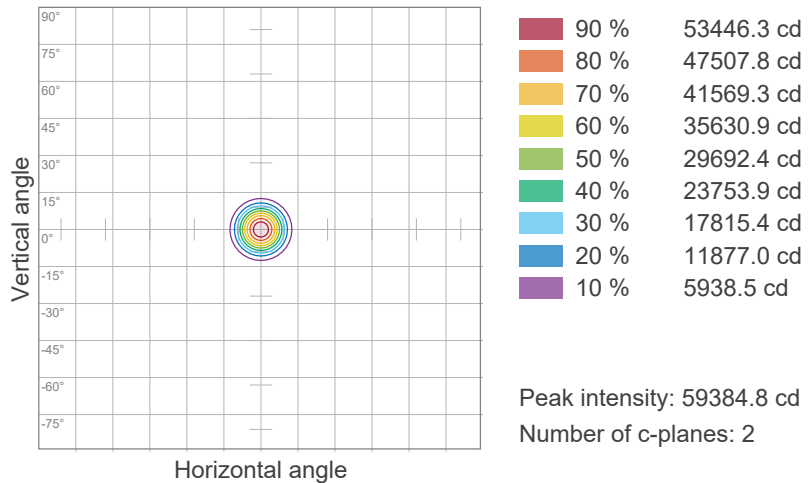
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 4000K

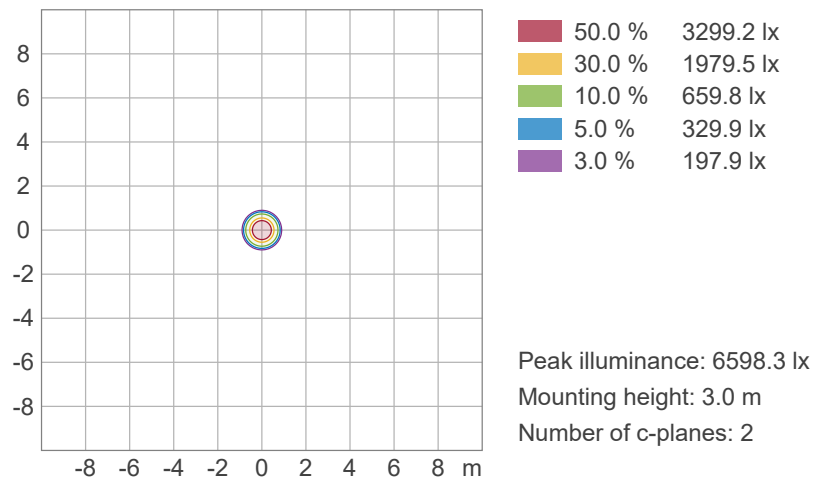


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

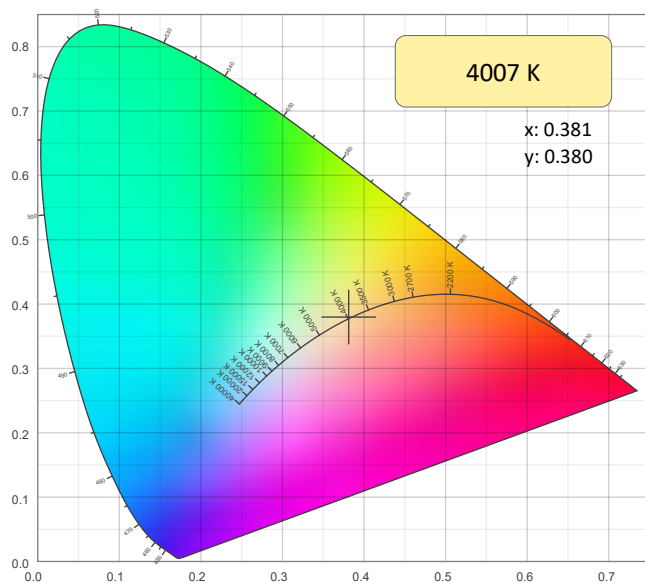


Photometric & Chromaticity Report

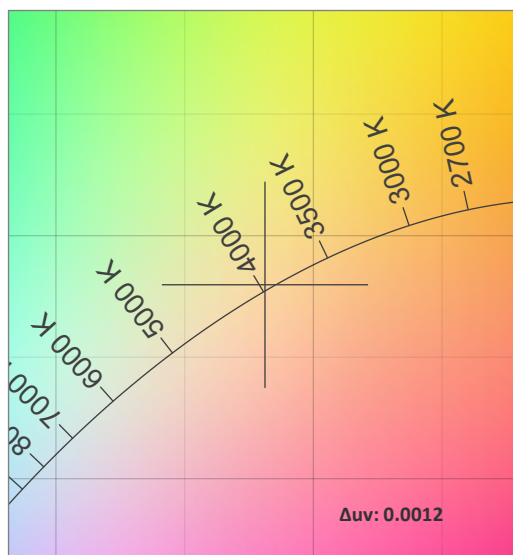
Rogue Outcast 3X Wash: 50% Zoom - 4000K

Chromaticity

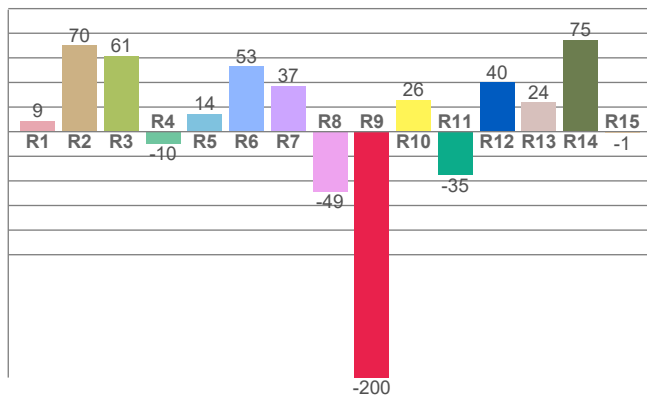
CIE 1931



CIE 1931 - Zoom



CRI: 23.3 (R1-R8)

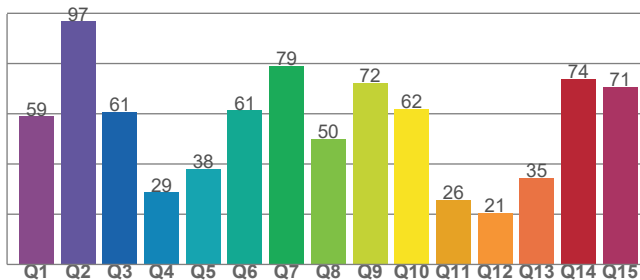


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4007 K	0.381	0.380

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0012	0.380	0.224

CQS: 50.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
23.3	-199.8	50.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
14	54.1	124.9

Photometric & Chromaticity Report

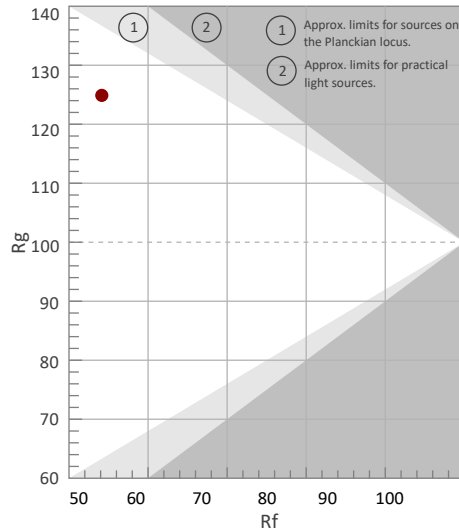
Rogue Outcast 3X Wash: 50% Zoom - 4000K

TM-30 Details

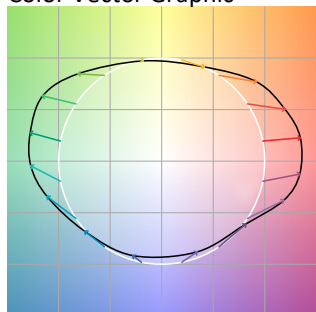
Rf 54.1
Fidelity Index (Rg)

Rg 124.9
Gammut Index (Rg)

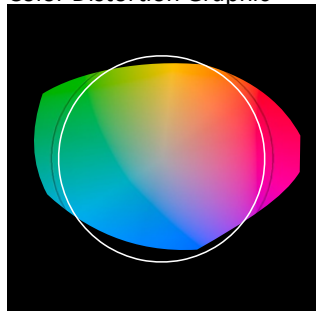
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	37	36%	-4%
2	35	27%	-25%
3	30	15%	-34%
4	63	-2%	-23%
5	82	-1%	-2%
6	63	15%	20%
7	48	31%	12%
8	49	30%	-2%
9	56	25%	-20%
10	41	11%	-33%
11	62	-2%	-24%
12	76	-5%	-10%
13	74	-7%	17%
14	54	-4%	34%
15	47	20%	34%
16	43	34%	14%



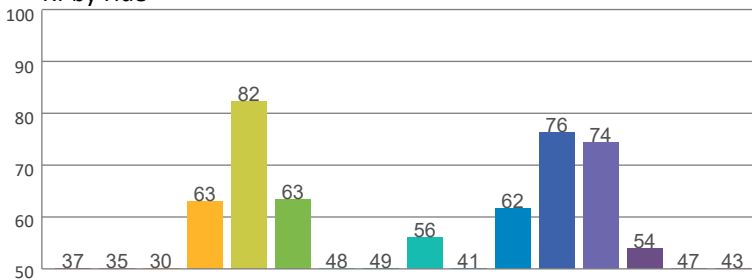
Color Vector Graphic



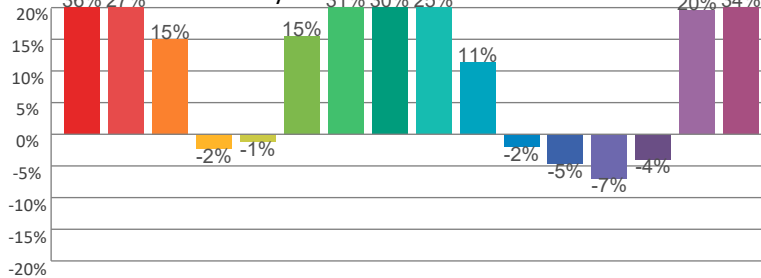
Color Distortion Graphic



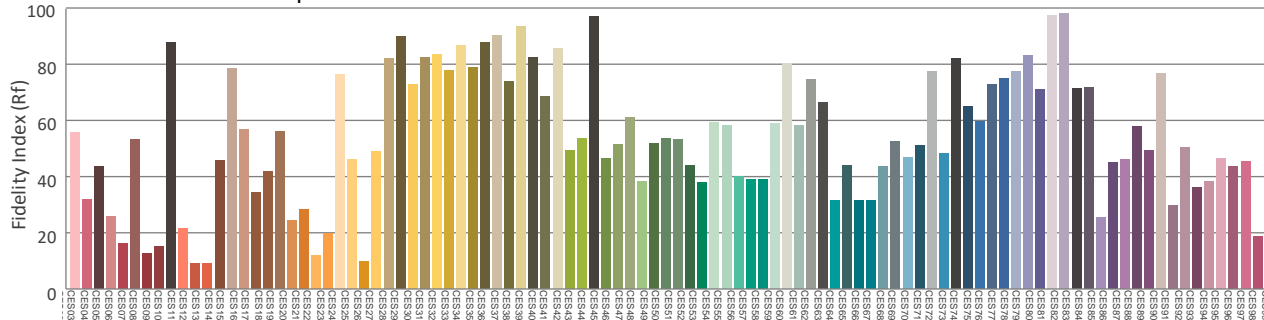
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 5600K

Report Summary

Measurements

Fixture Output: 4960 lm
Fixture Peak: 52441 cd
Fixture Efficacy: 24 lm/W
Intensity @ 5m: 2098 lux
Color Temperature: 5622 K
CRI: 56.4 CRI R9 Value: -100.9
CQS: 71.6
TLCI: 29
TM-30 Rf: 70.2
TM-30 Rg: 123.6
Beam Angle (50%): 16.8°
Field Angle (10%): 28°
Cutoff Angle (3%): 34.8°

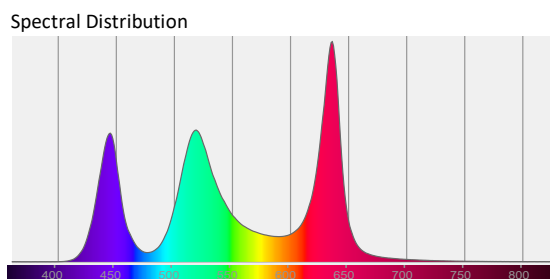
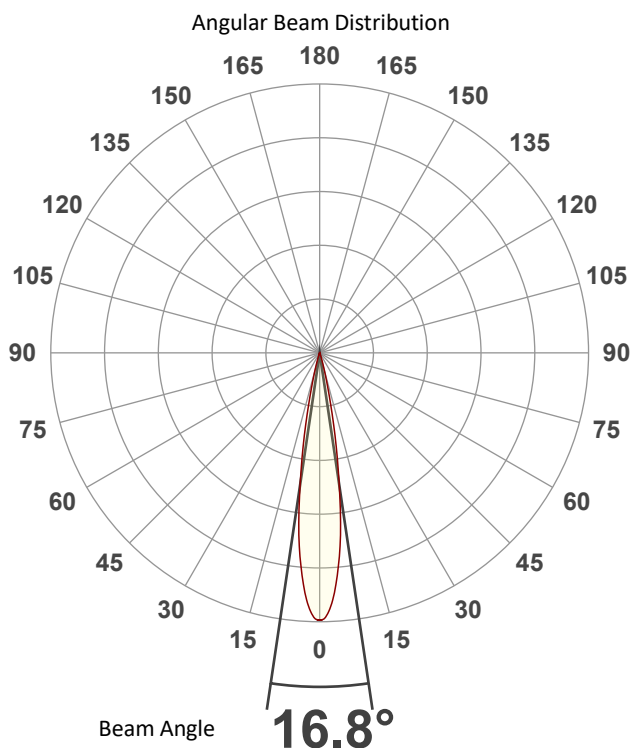


Conditions

AC Supply: 114 V, 60 Hz
Power: 208.31 W
Current: 1.82 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 LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 11/13/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.330

Y: 0.346



Light Quality

CRI: 56.4

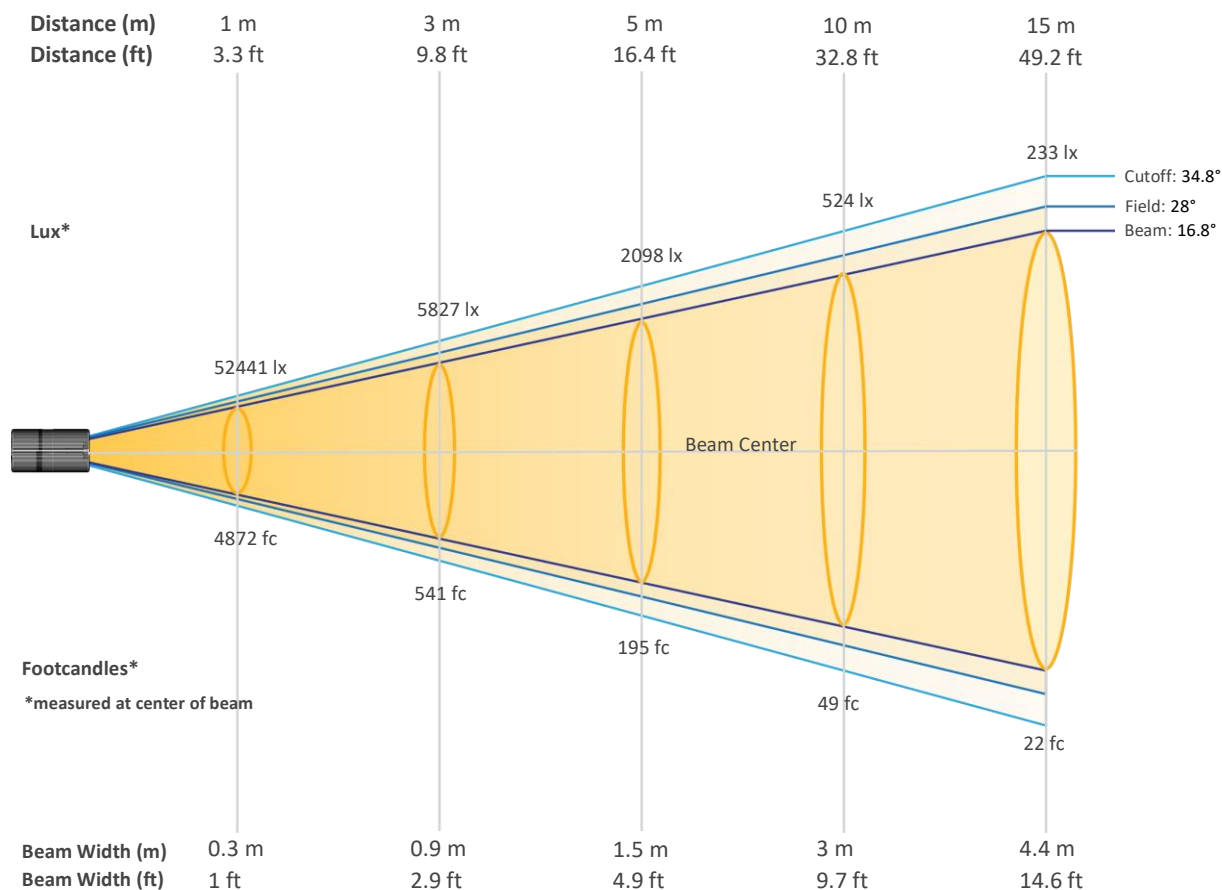
Color Temperature

5622 K

Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 5600K

Beam Details

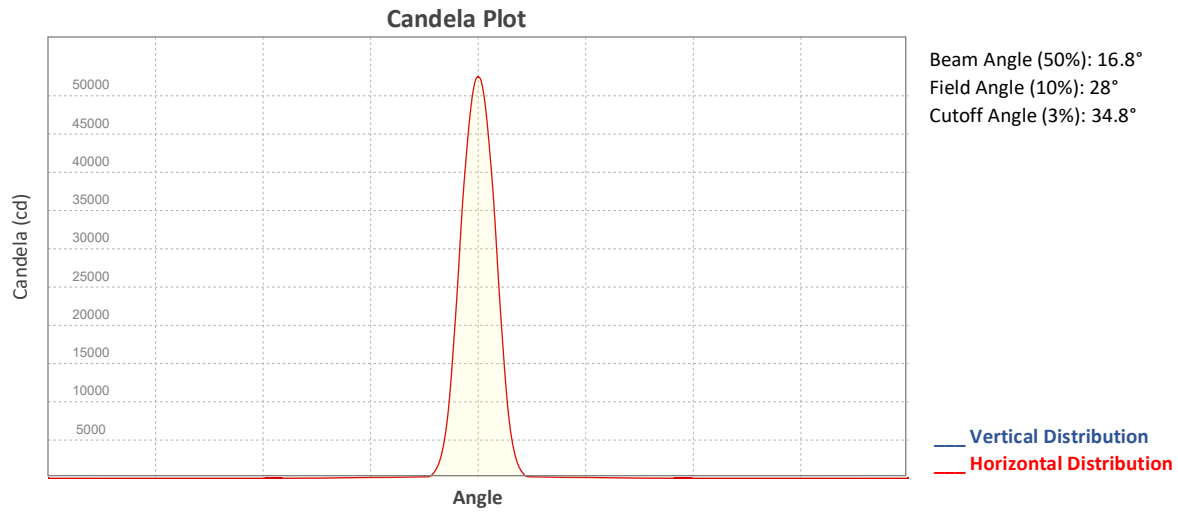


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	52441	13110	5827	3278	2098	1457	1070	819	647	524
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	433	364	310	268	233	205	181	162	145	131
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4872	1218	541	304	195	135	99	76	60	49
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	40	34	29	25	22	19	17	15	13	12

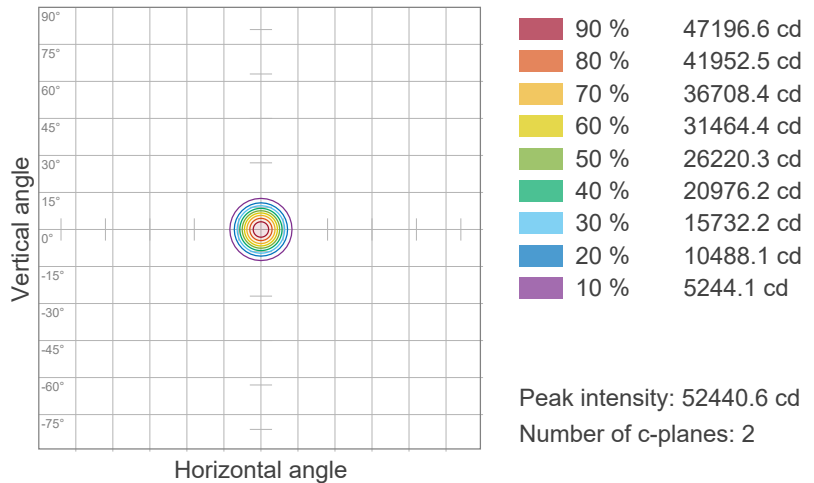
Photometric & Chromaticity Report

Rogue Outcast 3X Wash: 50% Zoom - 5600K

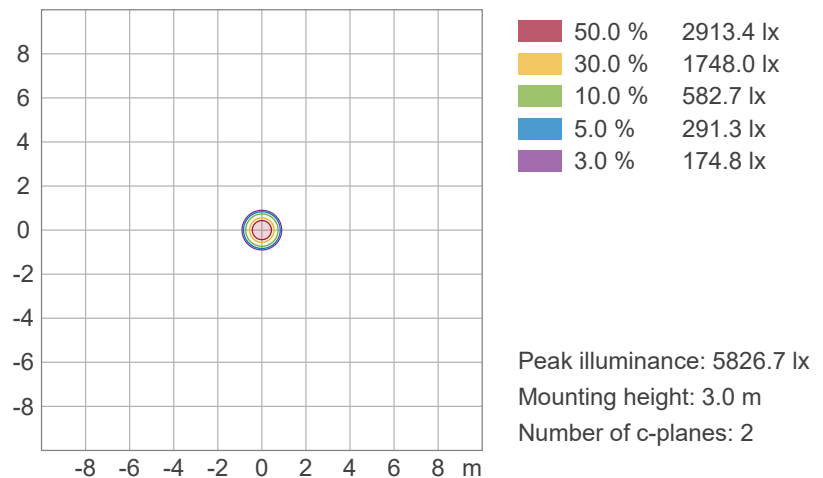


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

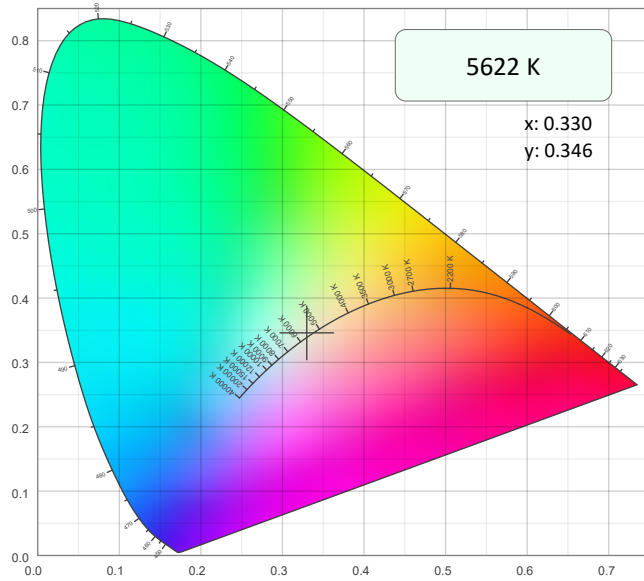


Photometric & Chromaticity Report

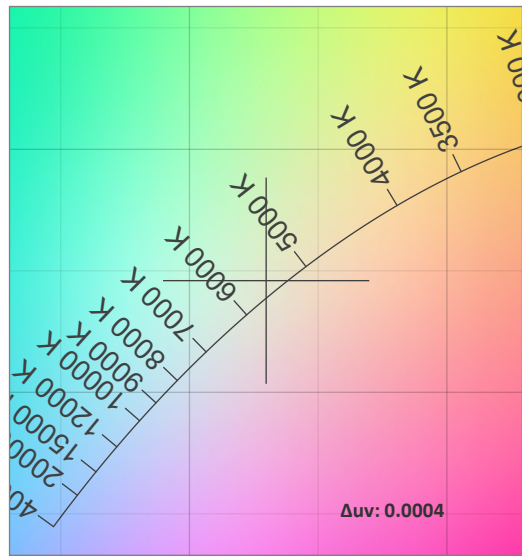
Rogue Outcast 3X Wash: 50% Zoom - 5600K

Chromaticity

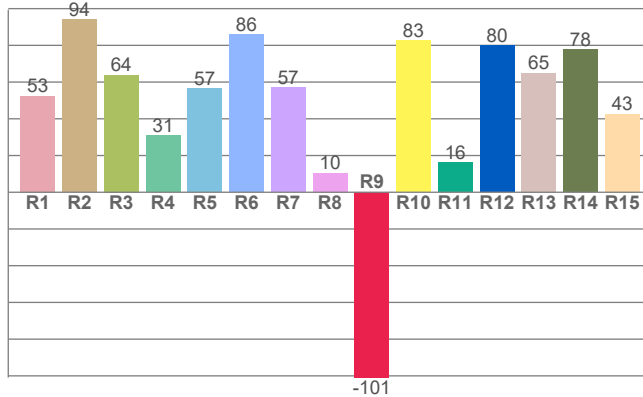
CIE 1931



CIE 1931 - Zoom



CRI: 56.4 (R1-R8)

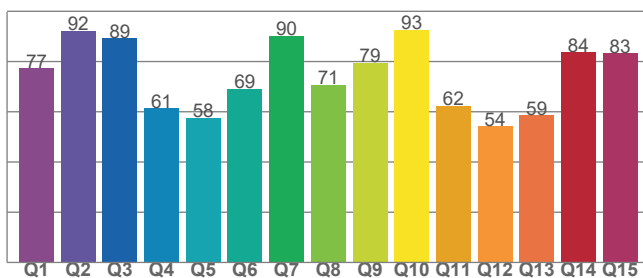


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5622 K	0.330	0.346

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0004	0.346	0.203

CQS: 71.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
56.4	-100.9	71.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
29	70.2	123.6

Photometric & Chromaticity Report

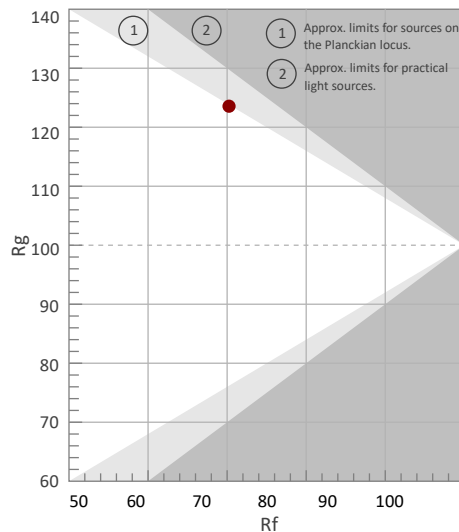
Rogue Outcast 3X Wash: 50% Zoom - 5600K

TM-30 Details

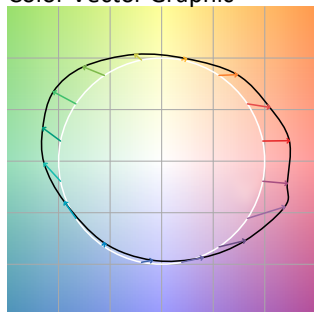
Rf 70.2
Fidelity Index
(Rg)

Rg 123.6
Gammut Index (Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	51	25%	-5%
2	64	16%	-15%
3	67	10%	-14%
4	85	2%	-4%
5	85	7%	5%
6	68	18%	12%
7	62	25%	2%
8	63	19%	-9%
9	74	12%	-20%
10	67	0%	-19%
11	86	-3%	-2%
12	84	-4%	10%
13	76	-1%	21%
14	59	9%	25%
15	60	24%	29%
16	59	24%	3%



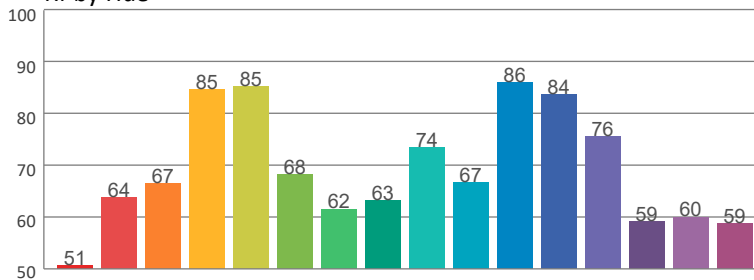
Color Vector Graphic



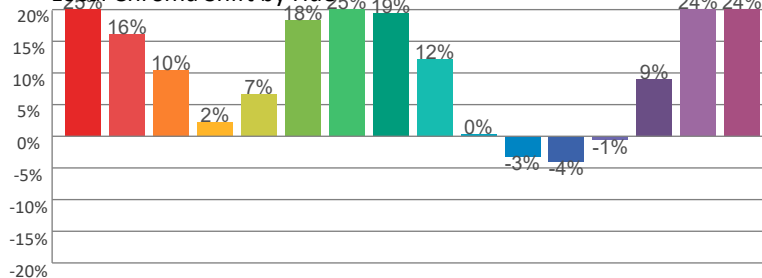
Color Distortion Graphic



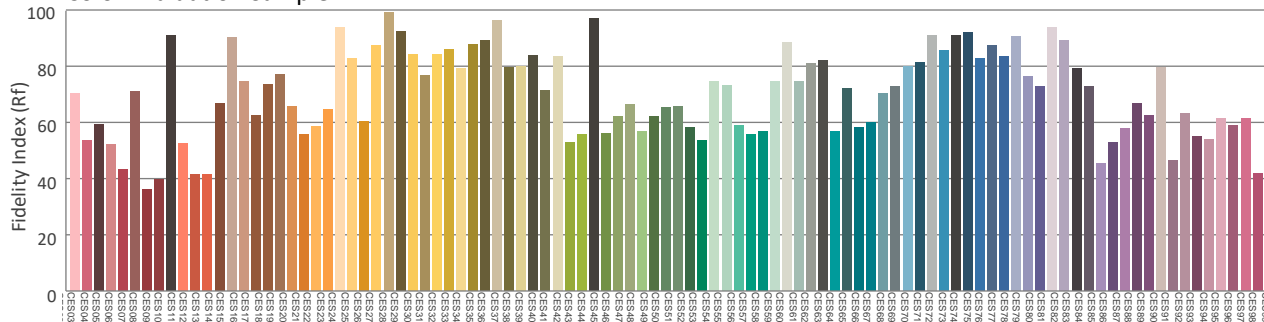
Rf by Hue



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.chauvetdj.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.chauvetdj.eu
Chauvet France	
Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetdj.eu
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetdj.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.chauvetdj.mx

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.

