

COLORADO PXL CURVE 5

PHOTOMETRICS REPORT



Table of Contents

Introduction.....	1
Photometrics & Chromaticity Reports.....	2
Full Spot Full Power.....	3
Report Summary	3
Overall Measurement.....	3
Beam Details.....	4
ISO Diagrams	5
Chromaticity.....	6
TM-30 Details	7
Full Spot Full Power-ECO.....	8
Report Summary	8
Overall Measurement.....	8
Beam Details.....	9
ISO Diagrams	10
Chromaticity.....	11
TM-30 Details	12
Full Spot Full Power-Auto.....	13
Report Summary	13
Overall Measurement.....	13
Beam Details.....	14
ISO Diagrams	15
Chromaticity.....	16
TM-30 Details	17
Full Spot Full Power-Cali On	18
Report Summary	18
Overall Measurement.....	18
Beam Details.....	19
ISO Diagrams	20
Chromaticity.....	21
TM-30 Details	22
Full Spot RGBW.....	23
Report Summary	23
Overall Measurement.....	23
Beam Details.....	24
ISO Diagrams	25
Chromaticity.....	26

TM-30 Details	27
Full Spot RGBW-ECO.....	28
Report Summary	28
Overall Measurement.....	28
Beam Details.....	29
ISO Diagrams	30
Chromaticity.....	31
TM-30 Details	32
Full Spot RGBW-Auto	33
Report Summary	33
Overall Measurement.....	33
Beam Details.....	34
ISO Diagrams	35
Chromaticity.....	36
TM-30 Details	37
Full Spot RGBW-Cali On	38
Report Summary	38
Overall Measurement.....	38
Beam Details.....	39
ISO Diagrams	40
Chromaticity.....	41
TM-30 Details	42
50% Zoom Full Power	43
Report Summary	43
Overall Measurement.....	43
Beam Details.....	44
ISO Diagrams	45
Chromaticity.....	46
TM-30 Details	47
50% Zoom Full Power-ECO	48
Report Summary	48
Overall Measurement.....	48
Beam Details.....	49
ISO Diagrams	50
Chromaticity.....	51
TM-30 Details	52
50% Zoom Full Power-Auto	53
Report Summary	53

Overall Measurement.....	53
Beam Details.....	54
ISO Diagrams	55
Chromaticity.....	56
TM-30 Details	57
50% Zoom Full Power-Cali On.....	58
Report Summary	58
Overall Measurement.....	58
Beam Details.....	59
ISO Diagrams	60
Chromaticity.....	61
TM-30 Details	62
50% Zoom Full Power-Stable.....	63
Report Summary	63
Overall Measurement.....	63
Beam Details.....	64
ISO Diagrams	65
Chromaticity.....	66
TM-30 Details	67
50% Zoom RGBW	68
Report Summary	68
Overall Measurement.....	68
Beam Details.....	69
ISO Diagrams	70
Chromaticity.....	71
TM-30 Details	72
50% Zoom RGBW-ECO	73
Report Summary	73
Overall Measurement.....	73
Beam Details.....	74
ISO Diagrams	75
Chromaticity.....	76
TM-30 Details	77
50% Zoom RGBW-Auto	78
Report Summary	78
Overall Measurement.....	78
Beam Details.....	79
ISO Diagrams	80

Chromaticity.....	81
TM-30 Details	82
50% Zoom RGBW-Cali On.....	83
Report Summary	83
Overall Measurement.....	83
Beam Details.....	84
ISO Diagrams	85
Chromaticity.....	86
TM-30 Details	87
50% Zoom Red Only.....	88
Report Summary	88
Overall Measurement.....	88
Beam Details.....	89
ISO Diagrams	90
Chromaticity.....	91
TM-30 Details	92
50% Zoom Green Only.....	93
Report Summary	93
Overall Measurement.....	93
Beam Details.....	94
ISO Diagrams	95
Chromaticity.....	96
TM-30 Details	97
50% Zoom Blue Only	98
Report Summary	98
Overall Measurement.....	98
Beam Details.....	99
ISO Diagrams	100
Chromaticity.....	101
TM-30 Details	102
50% Zoom White Only	103
Report Summary	103
Overall Measurement.....	103
Beam Details.....	104
ISO Diagrams	105
Chromaticity.....	106
TM-30 Details	107
50% Zoom 7500K.....	108

Report Summary	108
Overall Measurement.....	108
Beam Details.....	109
ISO Diagrams	110
Chromaticity.....	111
TM-30 Details	112
50% Zoom 6500K.....	113
Report Summary	113
Overall Measurement.....	113
Beam Details.....	114
ISO Diagrams	115
Chromaticity.....	116
TM-30 Details	117
50% Zoom 5600K.....	118
Report Summary	118
Overall Measurement.....	118
Beam Details.....	119
ISO Diagrams	120
Chromaticity.....	121
TM-30 Details	122
50% Zoom 4000K.....	123
Report Summary	123
Overall Measurement.....	123
Beam Details.....	124
ISO Diagrams	125
Chromaticity.....	126
TM-30 Details	127
50% Zoom 3200K.....	128
Report Summary	128
Overall Measurement.....	128
Beam Details.....	129
ISO Diagrams	130
Chromaticity.....	131
TM-30 Details	132
50% Zoom 2700K.....	133
Report Summary	133
Overall Measurement.....	133
Beam Details.....	134

ISO Diagrams	135
Chromaticity.....	136
TM-30 Details	137
Full Flood Full Power.....	138
Report Summary	138
Overall Measurement.....	138
Beam Details.....	139
ISO Diagrams	140
Chromaticity.....	141
TM-30 Details	142
Full Flood Full Power-ECO.....	143
Report Summary	143
Overall Measurement.....	143
Beam Details.....	144
ISO Diagrams	145
Chromaticity.....	146
TM-30 Details	147
Full Flood Full Power-Auto.....	148
Report Summary	148
Overall Measurement.....	148
Beam Details.....	149
ISO Diagrams	150
Chromaticity.....	151
TM-30 Details	152
Full Flood Full Power-Cali On	153
Report Summary	153
Overall Measurement.....	153
Beam Details.....	154
ISO Diagrams	155
Chromaticity.....	156
TM-30 Details	157
Full Flood RGBW.....	158
Report Summary	158
Overall Measurement.....	158
Beam Details.....	159
ISO Diagrams	160
Chromaticity.....	161
TM-30 Details	162

Full Flood RGBW-ECO.....	163
Report Summary	163
Overall Measurement.....	163
Beam Details.....	164
ISO Diagrams	165
Chromaticity.....	166
TM-30 Details	167
Full Flood RGBW-Auto	168
Report Summary	168
Overall Measurement.....	168
Beam Details.....	169
ISO Diagrams	170
Chromaticity.....	171
TM-30 Details	172
Full Flood RGBW-Cali On	173
Report Summary	173
Overall Measurement.....	173
Beam Details.....	174
ISO Diagrams	175
Chromaticity.....	176
TM-30 Details	177
Beam Full Power	178
Report Summary	178
Overall Measurement.....	178
Beam Details.....	179
ISO Diagrams	180
Chromaticity.....	181
TM-30 Details	182
Beam Full Power-Cali On	183
Report Summary	183
Overall Measurement.....	183
Beam Details.....	184
ISO Diagrams	185
Chromaticity.....	186
TM-30 Details	187
Beam Cool White.....	188
Report Summary	188
Overall Measurement.....	188

Beam Details.....	189
ISO Diagrams	190
Chromaticity.....	191
TM-30 Details	192
Beam Warm White.....	193
Report Summary	193
Overall Measurement.....	193
Beam Details.....	194
ISO Diagrams	195
Chromaticity.....	196
TM-30 Details	197
Contact Us.....	198

Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power

Report Summary

Measurements

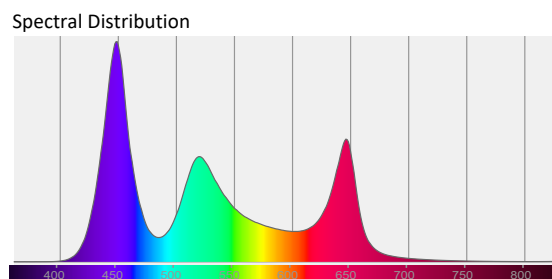
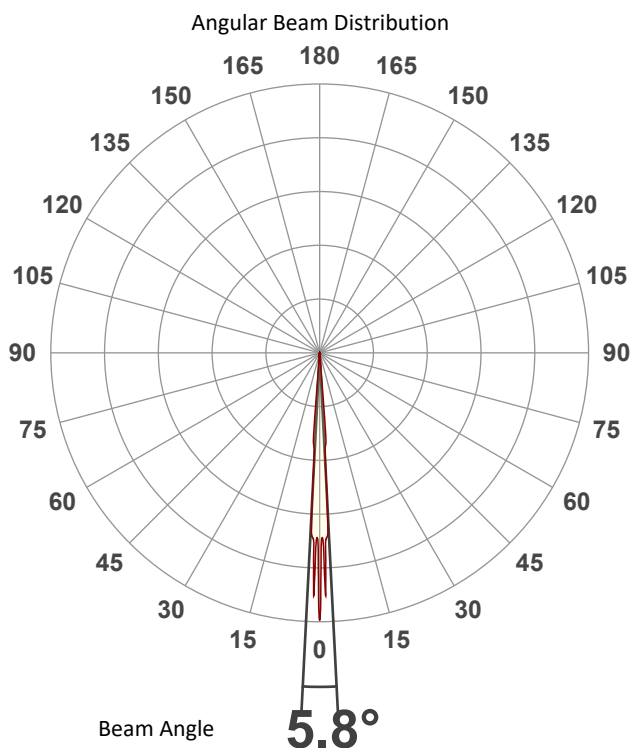
Fixture Output: 40069 lm
Fixture Peak: 1421763 cd
Fixture Efficacy: -689910586 lm/W
Intensity @ 5m: 56870 lux
Color Temperature: 17609 K
CRI: 74.5 CRI R9 Value: -48.2
CQS: 86.5
TLCI: 75
TM-30 Rf: 78.0
TM-30 Rg: 113.9
Beam Angle (50%): 5.8°
Field Angle (10%): 9°
Cutoff Angle (3%): 9.5°

Conditions

AC Supply: 108 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

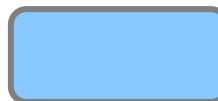
Overall Measurement



Tested Color (CIE 1931):

X: 0.262

Y: 0.259



Light Quality

CRI: 74.5

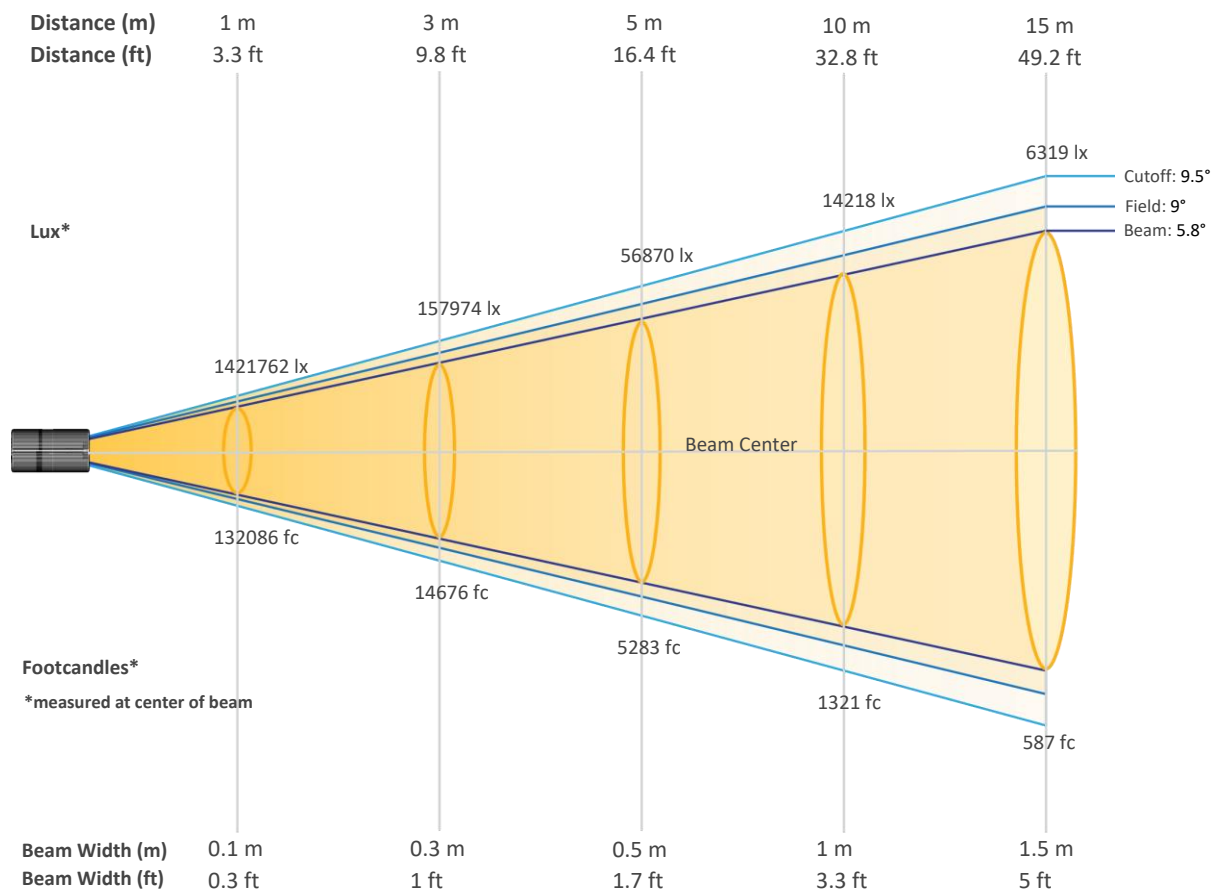
Color Temperature

17609 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power

Beam Details

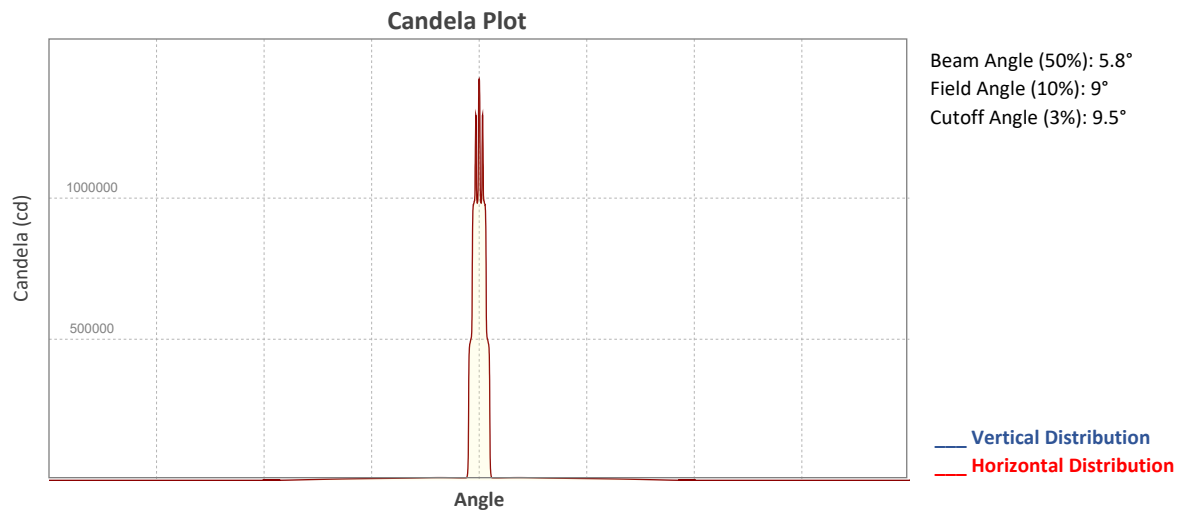


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1421762	355441	157974	88860	56870	39493	29016	22215	17553	14218
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11750	9873	8413	7254	6319	5554	4920	4388	3938	3554
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	132086	33022	14676	8255	5283	3669	2696	2064	1631	1321
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1092	917	782	674	587	516	457	408	366	330

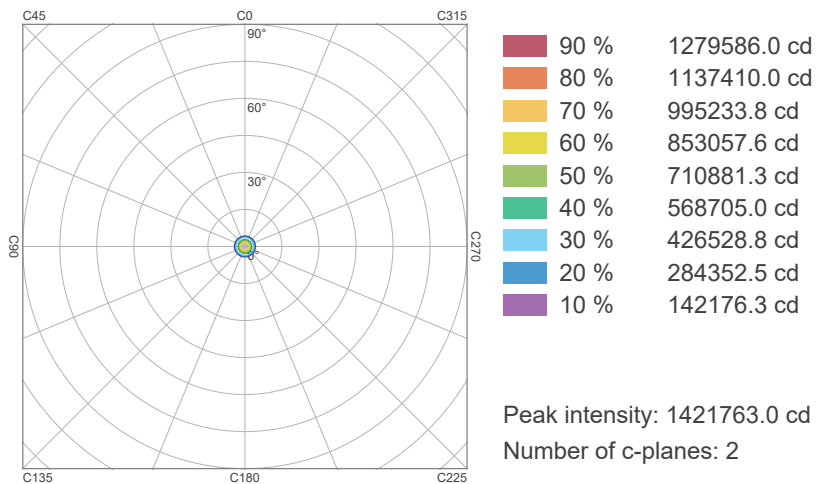
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power

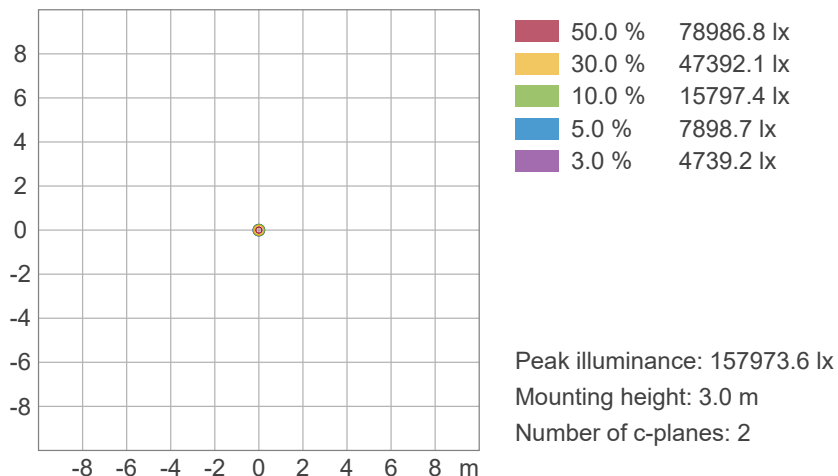


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

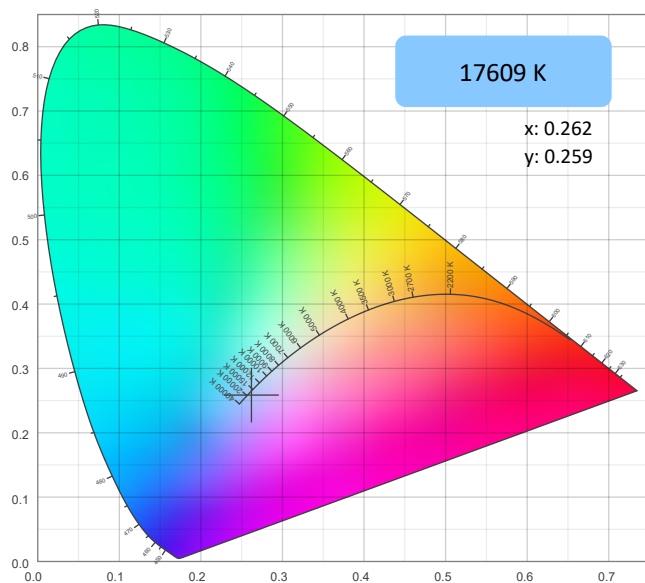


Photometric & Chromaticity Report

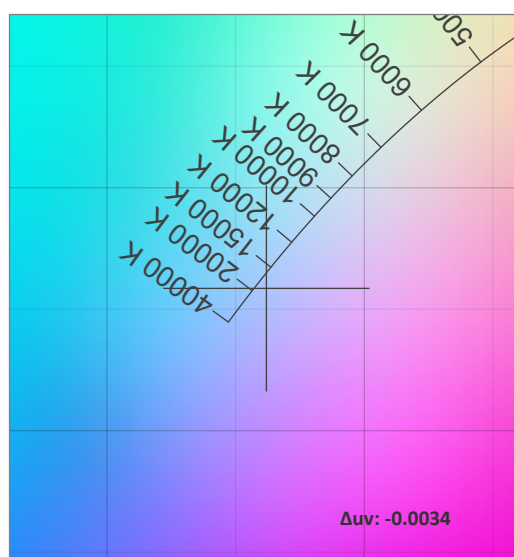
COLORado PXL Curve 5: Full Spot - Full Power

Chromaticity

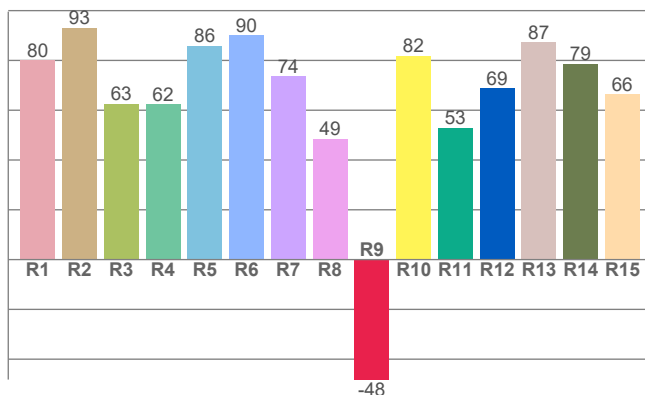
CIE 1931



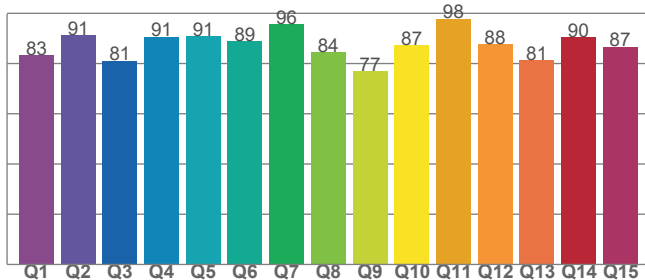
CIE 1931 - Zoom



CRI: 74.5 (R1-R8)



CQS: 86.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
17609 K	0.262	0.259

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0034	0.259	0.188

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.5	-48.2	86.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
75	78.0	113.9

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power

TM-30 Details

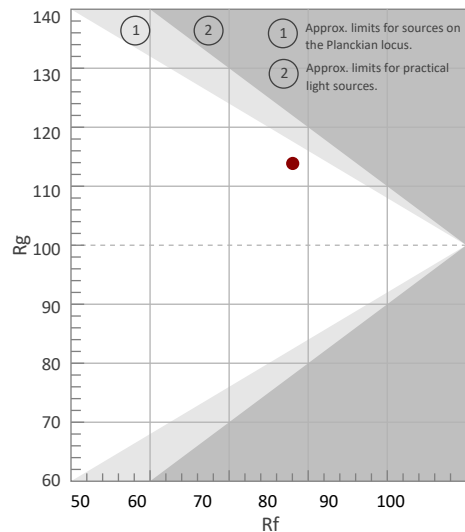
Rf 78.0

Fidelity Index
(Rg)

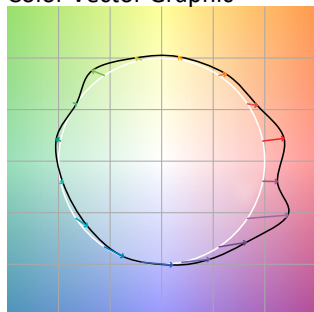
Rg 113.9

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	65	21%	-1%
2	82	7%	-7%
3	88	5%	-5%
4	87	3%	4%
5	84	3%	5%
6	80	10%	7%
7	76	0%	0%
8	89	4%	-1%
9	92	-2%	2%
10	85	-5%	12%
11	60	-2%	21%
12	67	-3%	30%
13	60	2%	27%
14	62	11%	24%
15	59	31%	24%
16	73	14%	3%



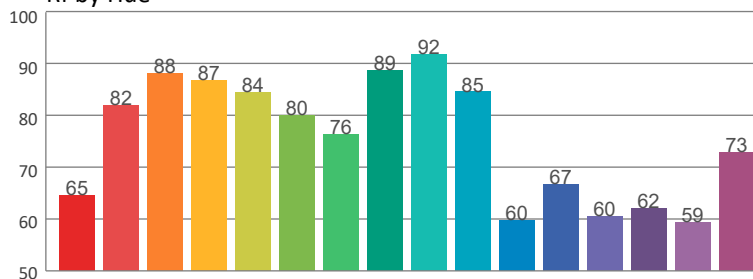
Color Vector Graphic



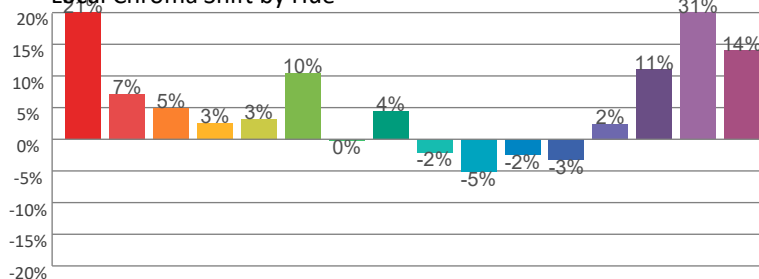
Color Distortion Graphic



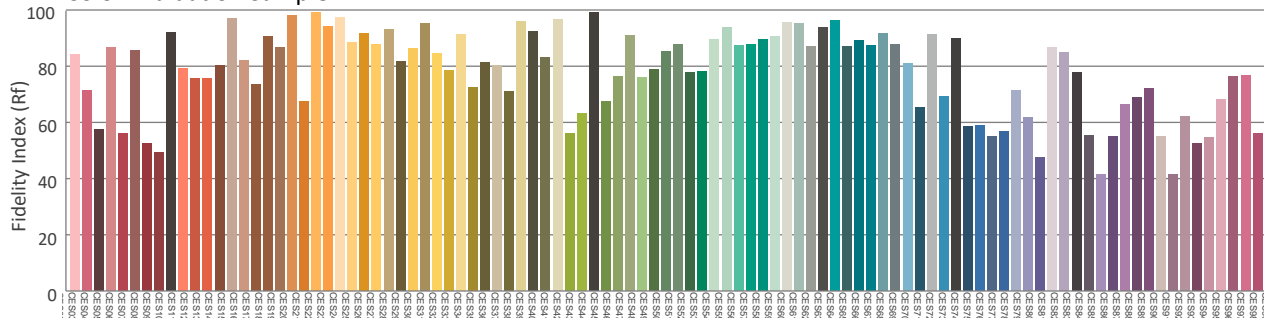
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-ECO

Report Summary

Measurements

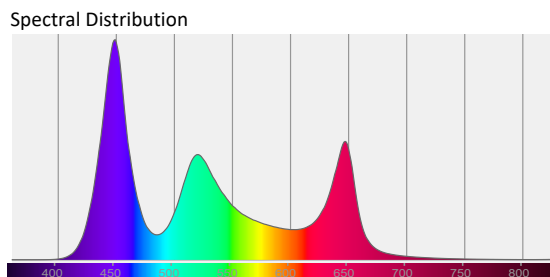
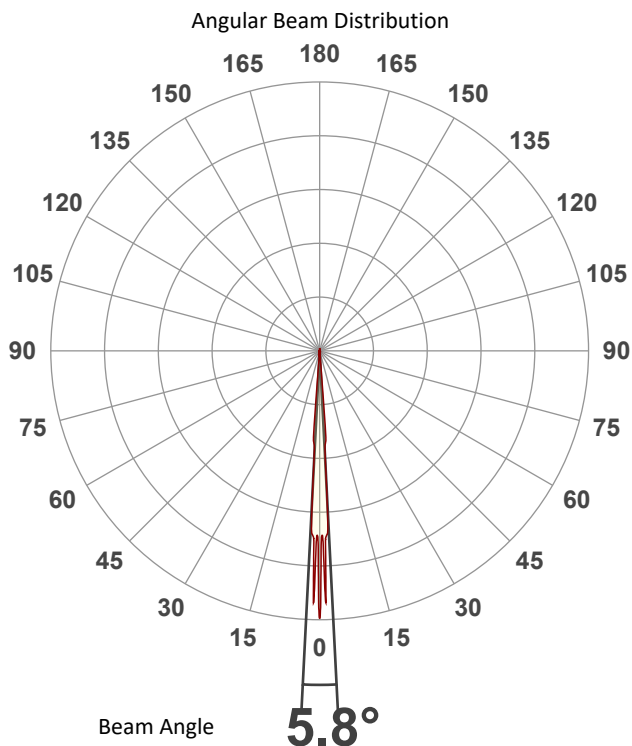
Fixture Output: 39320 lm
Fixture Peak: 1393233 cd
Fixture Efficacy: -545079494 lm/W
Intensity @ 5m: 55729 lux
Color Temperature: 18412 K
CRI: 75.9 CRI R9 Value: -38.1
CQS: 86.9
TLCI: 77
TM-30 Rf: 78.7
TM-30 Rg: 112.8
Beam Angle (50%): 5.8°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 9.3°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

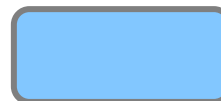
Overall Measurement



Tested Color (CIE 1931):

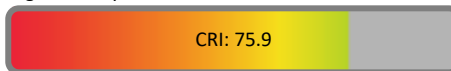
X: 0.260

Y: 0.258



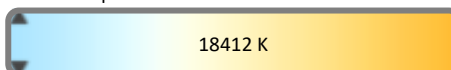
Light Quality

CRI: 75.9



Color Temperature

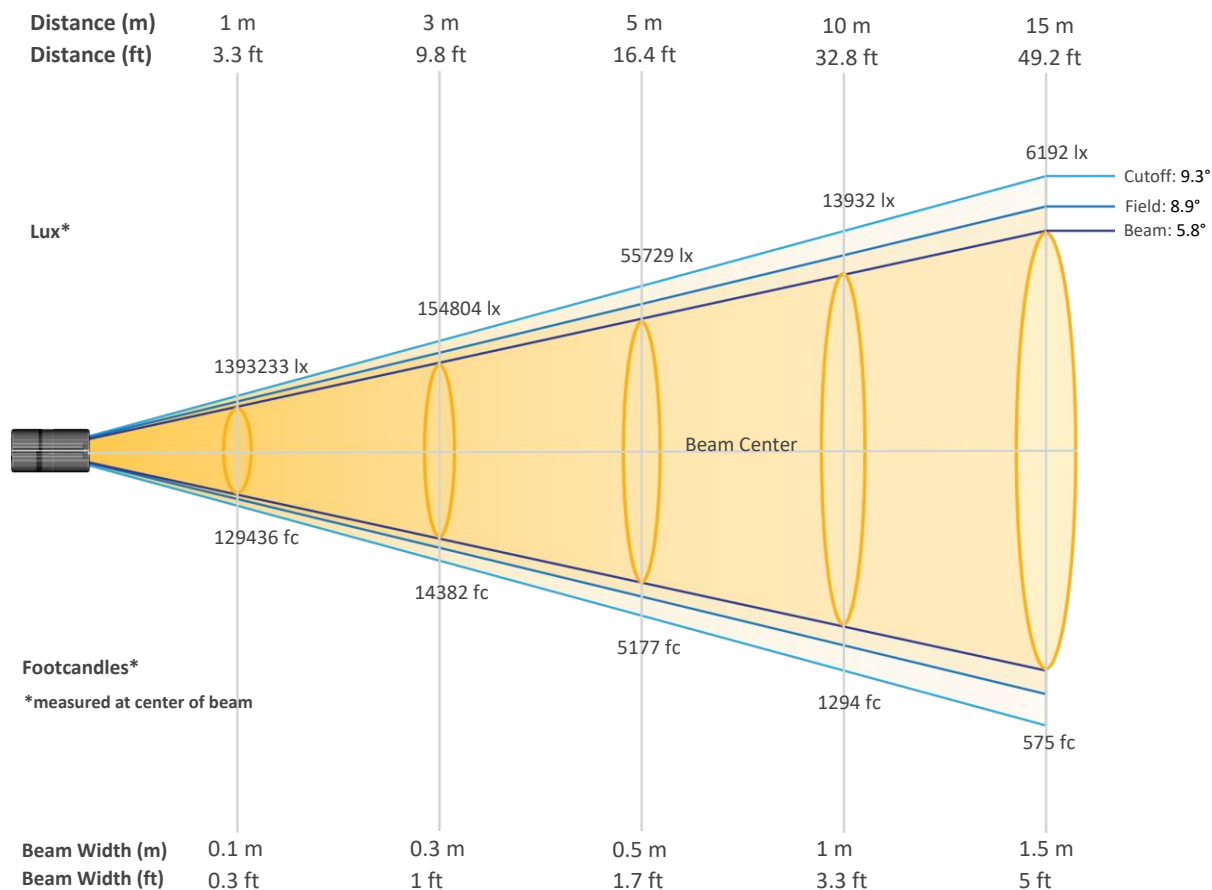
18412 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-ECO

Beam Details

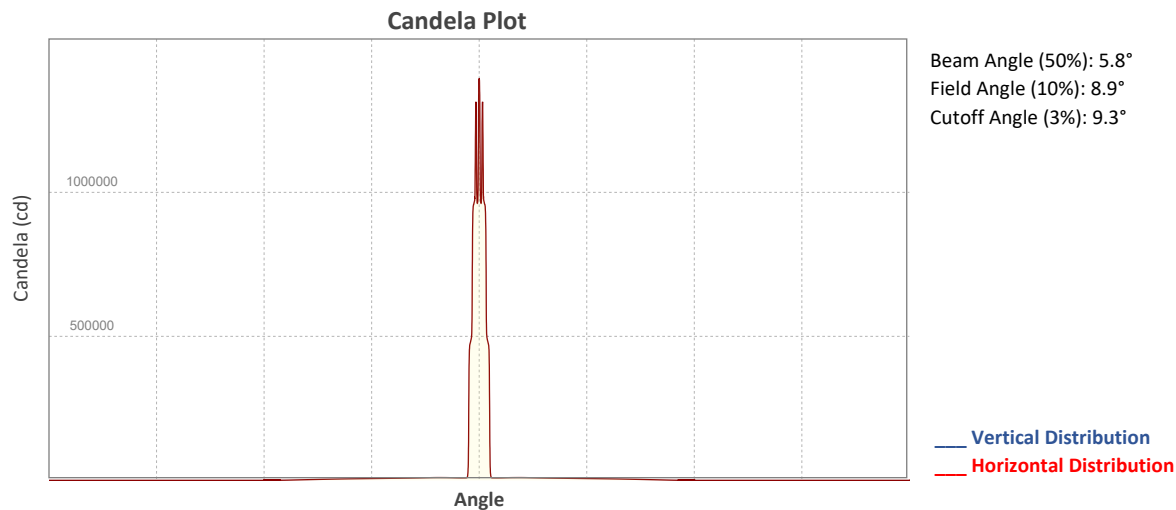


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1393233	348308	154804	87077	55729	38701	28433	21769	17200	13932
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11514	9675	8244	7108	6192	5442	4821	4300	3859	3483
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	129436	32359	14382	8090	5177	3595	2642	2022	1598	1294
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1070	899	766	660	575	506	448	399	359	324

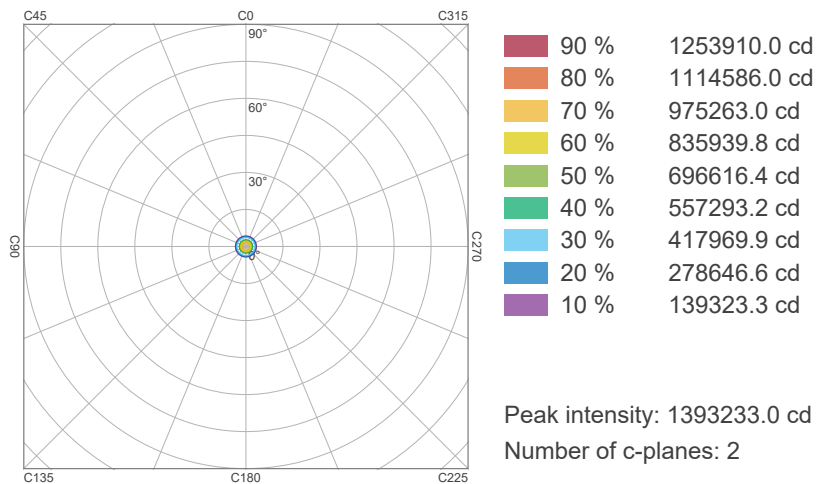
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-ECO

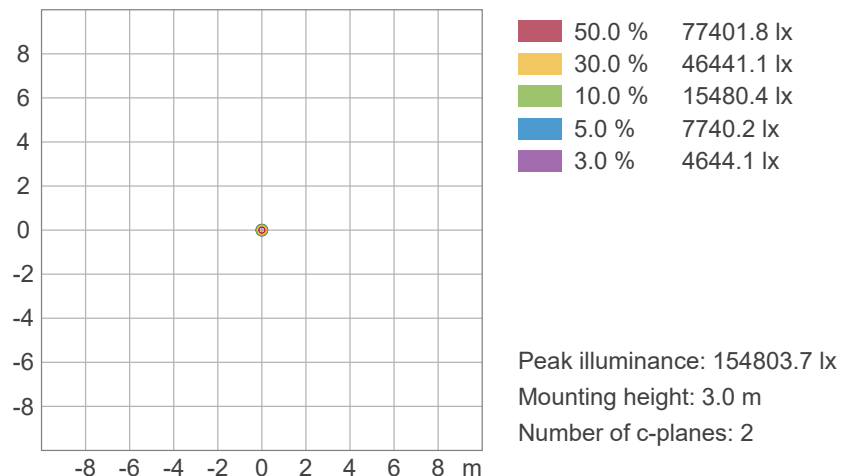


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

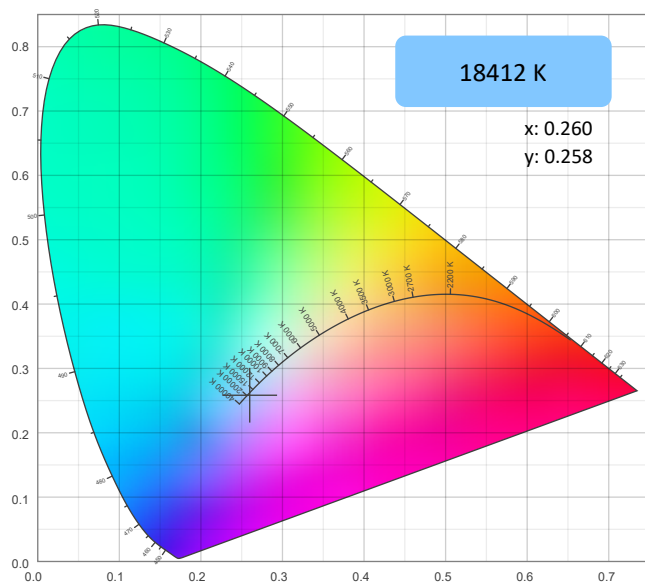


Photometric & Chromaticity Report

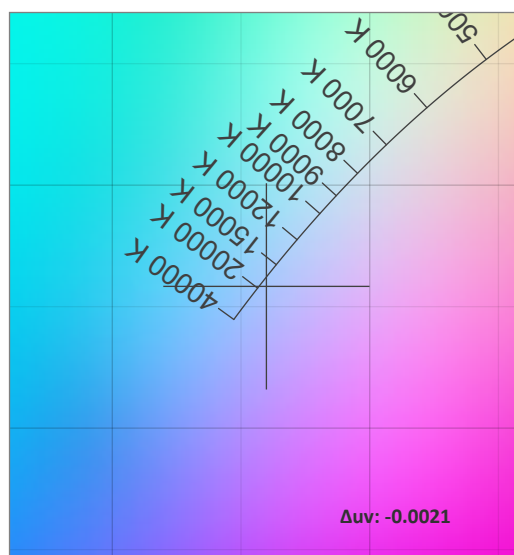
COLORado PXL Curve 5: Full Spot - Full Power-ECO

Chromaticity

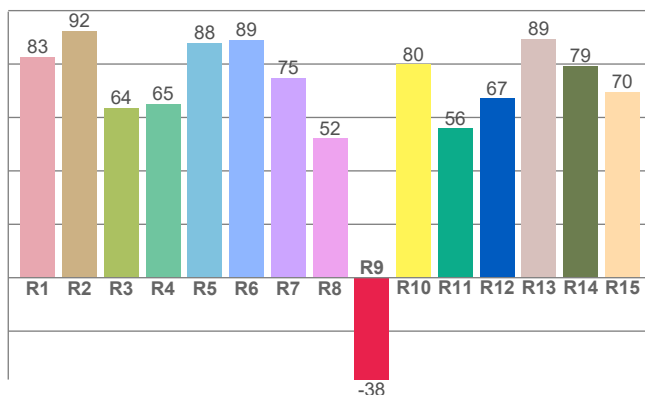
CIE 1931



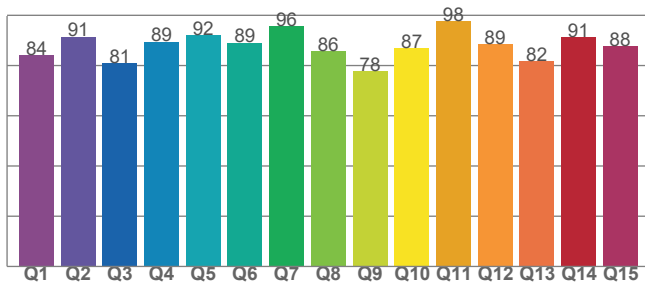
CIE 1931 - Zoom



CRI: 75.9 (R1-R8)



CQS: 86.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
18412 K	0.260	0.258

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0021	0.258	0.186

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.9	-38.1	86.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	78.7	112.8

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-ECO

TM-30 Details

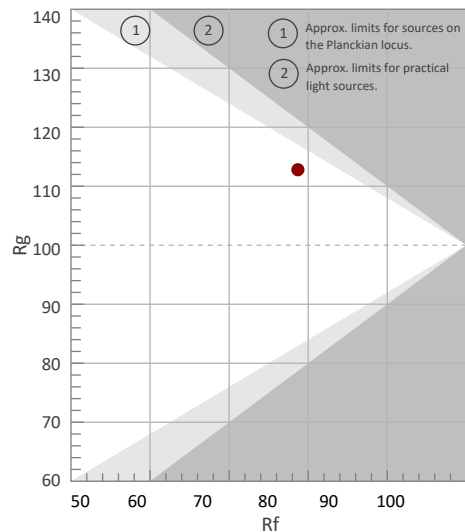
Rf 78.7

Fidelity Index
(Rg)

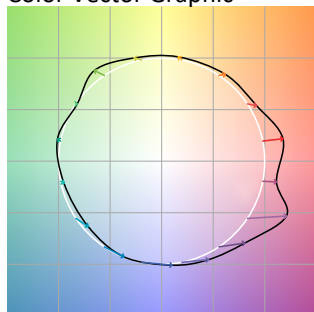
Rg 112.8

Gammut Index (Rg)

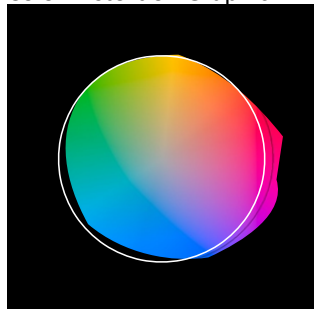
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	66	20%	-2%
2	83	6%	-6%
3	89	4%	-5%
4	87	2%	4%
5	82	3%	7%
6	83	9%	6%
7	77	-1%	-1%
8	90	3%	-1%
9	91	-3%	2%
10	84	-5%	13%
11	59	-2%	21%
12	67	-3%	30%
13	62	3%	26%
14	64	11%	23%
15	61	30%	23%
16	75	13%	2%



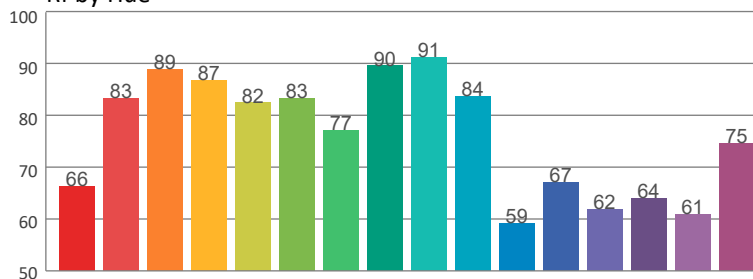
Color Vector Graphic



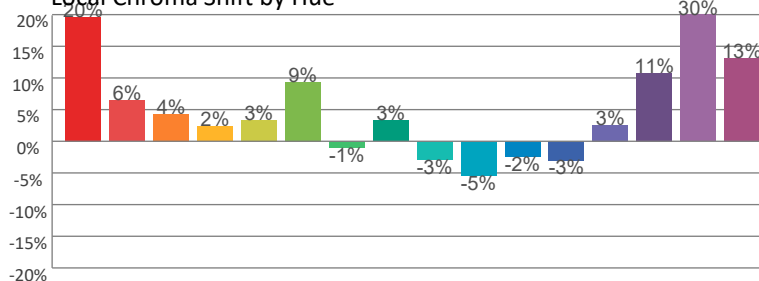
Color Distortion Graphic



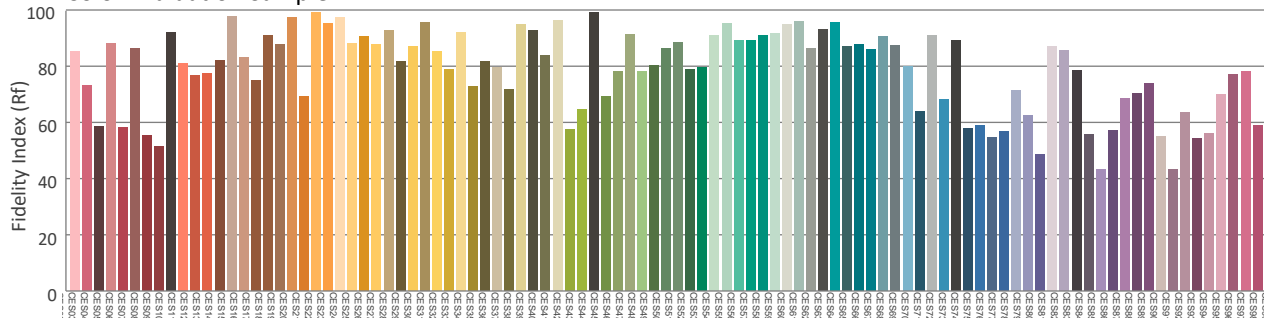
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Auto

Report Summary

Measurements

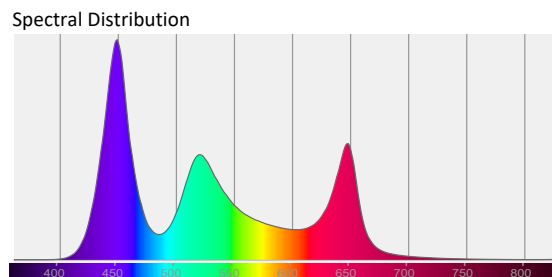
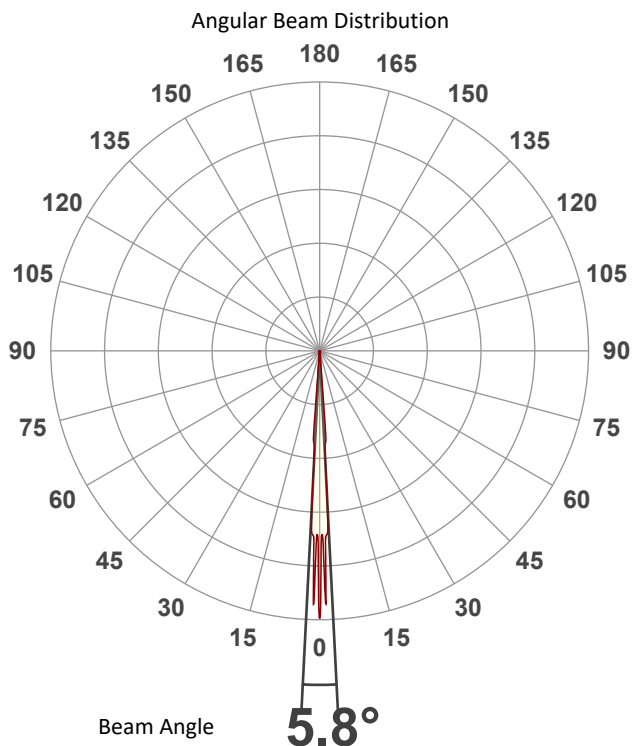
Fixture Output: 40463 lm
Fixture Peak: 1377763 cd
Fixture Efficacy: -442350429 lm/W
Intensity @ 5m: 55111 lux
Color Temperature: 18826 K
CRI: 76.6 CRI R9 Value: -33.5
CQS: 87.1
TLCI: 78
TM-30 Rf: 79.0
TM-30 Rg: 112.4
Beam Angle (50%): 5.8°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 9.3°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

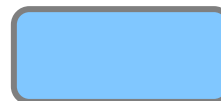
Overall Measurement



Tested Color (CIE 1931):

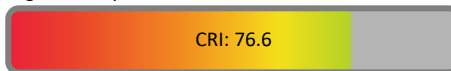
X: 0.259

Y: 0.258



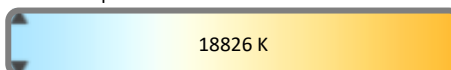
Light Quality

CRI: 76.6



Color Temperature

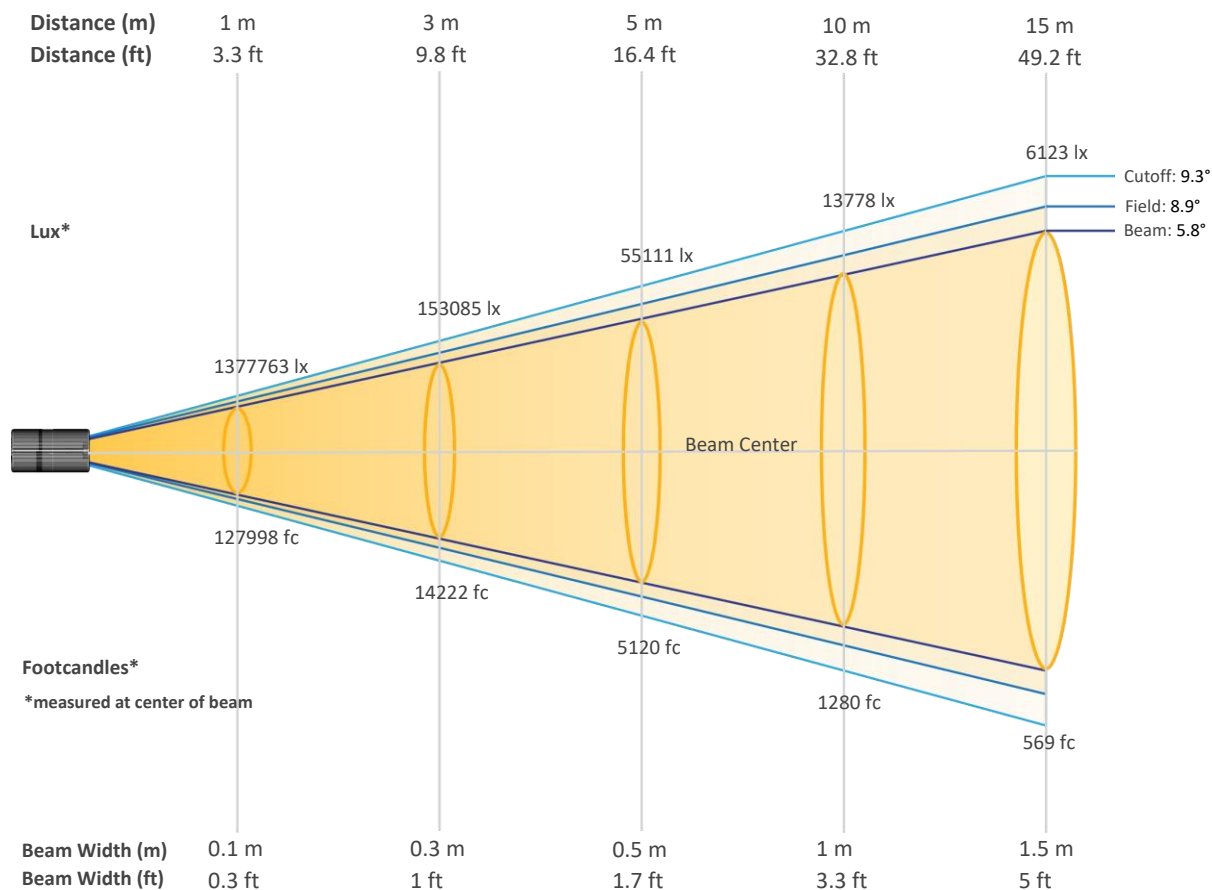
18826 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Auto

Beam Details

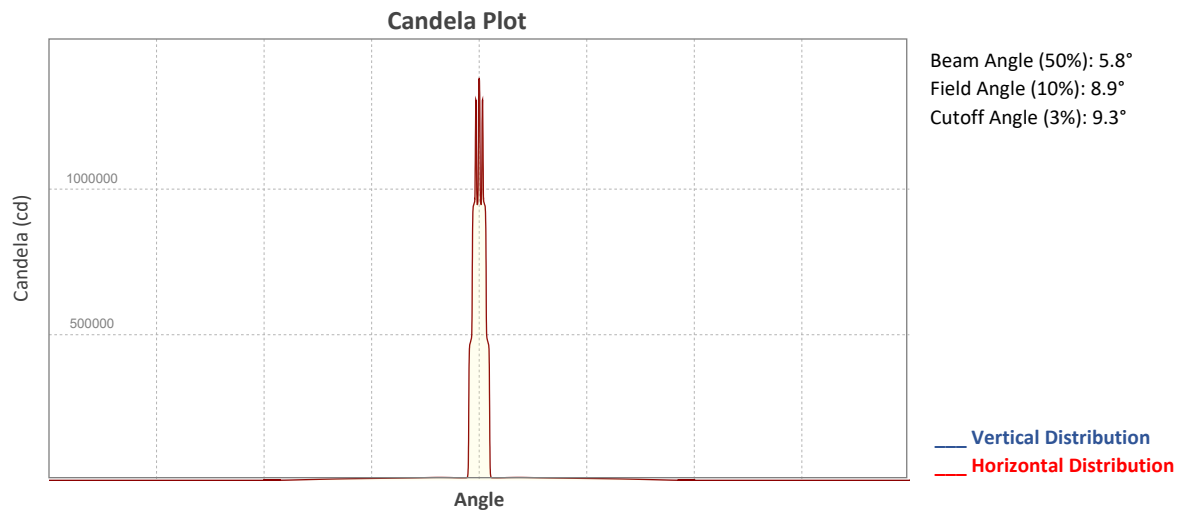


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1377763	344441	153085	86110	55111	38271	28118	21528	17009	13778
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11386	9568	8152	7029	6123	5382	4767	4252	3817	3444
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	127998	32000	14222	8000	5120	3556	2612	2000	1580	1280
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1058	889	757	653	569	500	443	395	355	320

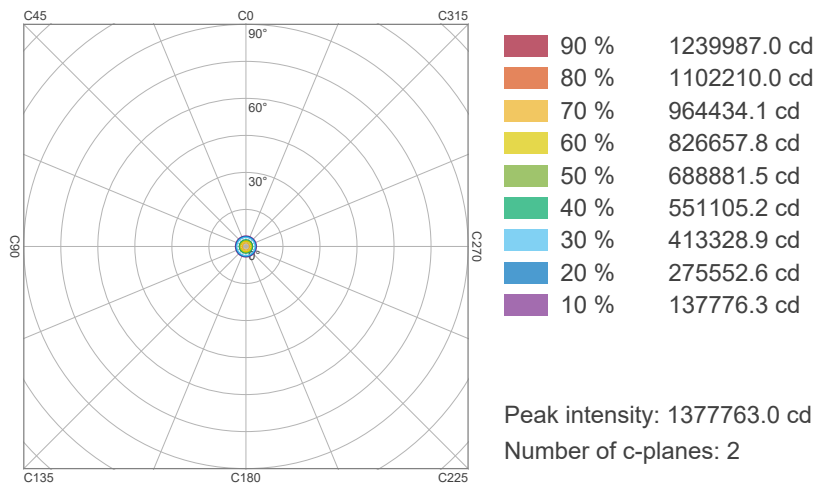
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Auto

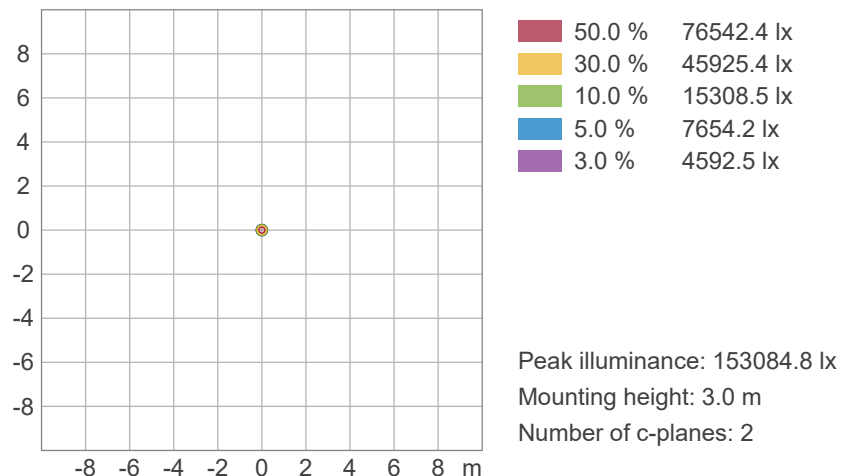


ISO Diagrams

ISO Candela Diagram



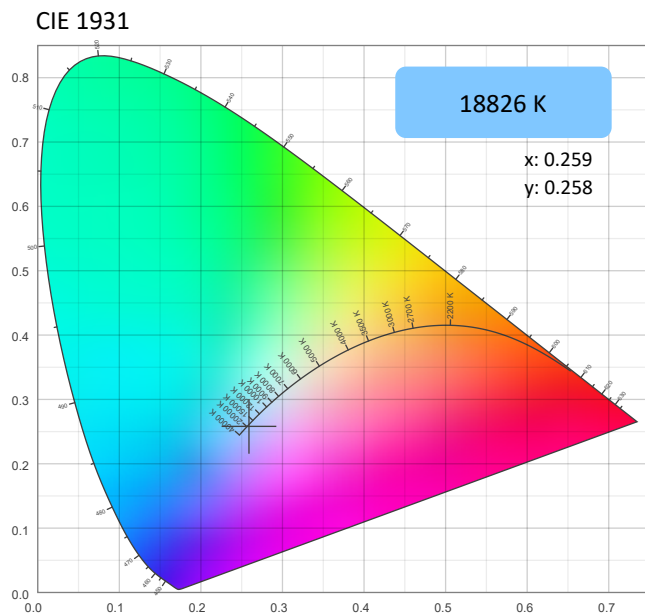
ISO Lux Diagram



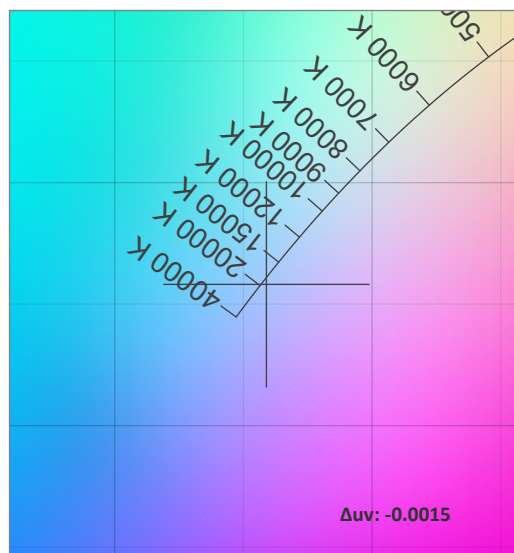
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Auto

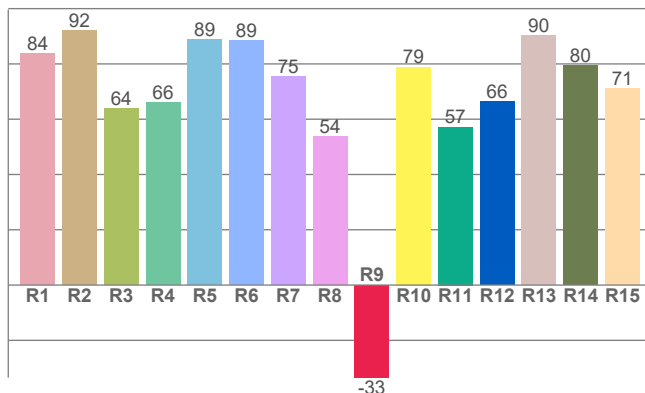
Chromaticity



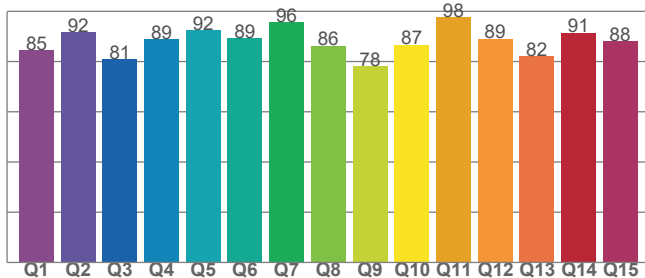
CIE 1931 - Zoom



CRI: 76.6 (R1-R8)



CQS: 87.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
18826 K	0.259	0.258

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0015	0.258	0.186

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.6	-33.5	87.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
78	79.0	112.4

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Auto

TM-30 Details

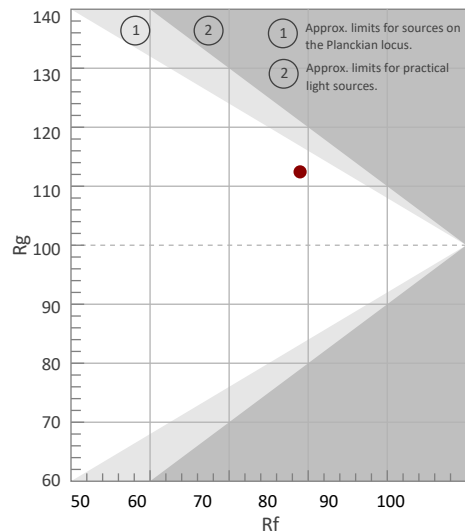
Rf 79.0

Fidelity Index
(Rg)

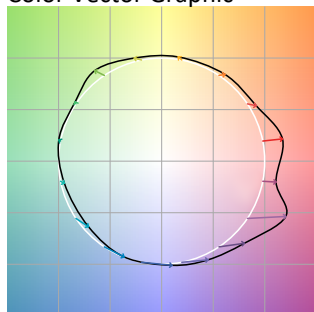
Rg 112.4

Gammut Index (Rg)

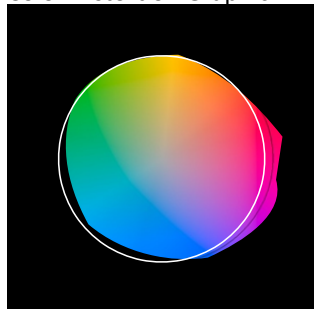
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	19%	-2%
2	84	6%	-6%
3	89	4%	-4%
4	87	2%	4%
5	83	3%	7%
6	84	9%	5%
7	78	2%	-1%
8	91	2%	-1%
9	91	-3%	3%
10	83	-6%	13%
11	59	-3%	21%
12	67	-3%	29%
13	63	3%	25%
14	65	11%	22%
15	62	30%	22%
16	75	13%	2%



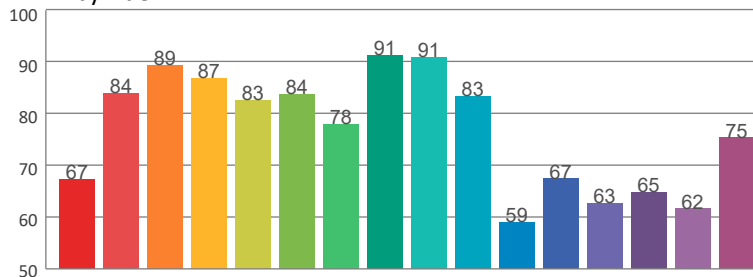
Color Vector Graphic



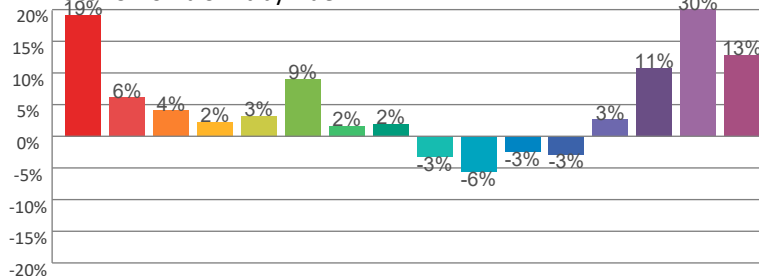
Color Distortion Graphic



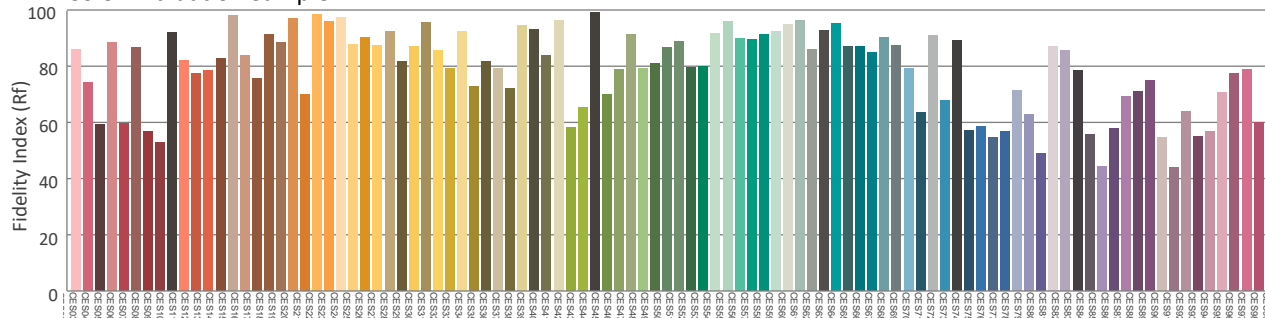
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Cali On

Report Summary

Measurements

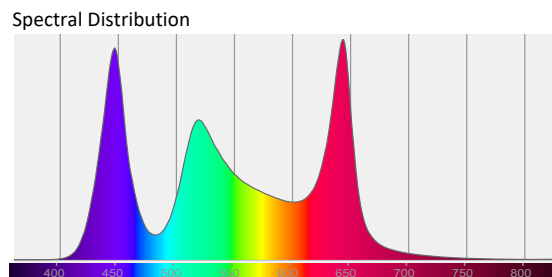
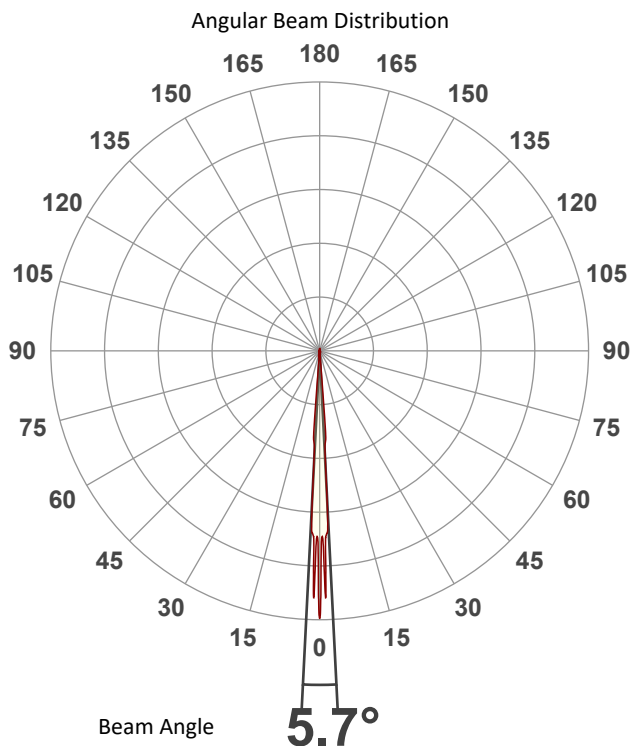
Fixture Output: 38368 lm
Fixture Peak: 1198195 cd
Fixture Efficacy: -608147611 lm/W
Intensity @ 5m: 47928 lux
Color Temperature: 6488 K
CRI: 74.3 CRI R9 Value: -26.2
CQS: 86.8
TLCI: 66
TM-30 Rf: 80.0
TM-30 Rg: 116.9
Beam Angle (50%): 5.7°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 9.4°

Conditions

AC Supply: 111 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

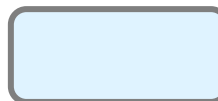
Overall Measurement



Tested Color (CIE 1931):

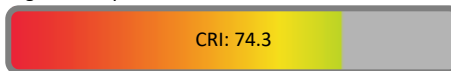
X: 0.315

Y: 0.317



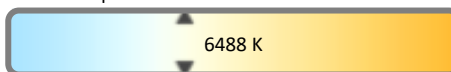
Light Quality

CRI: 74.3



Color Temperature

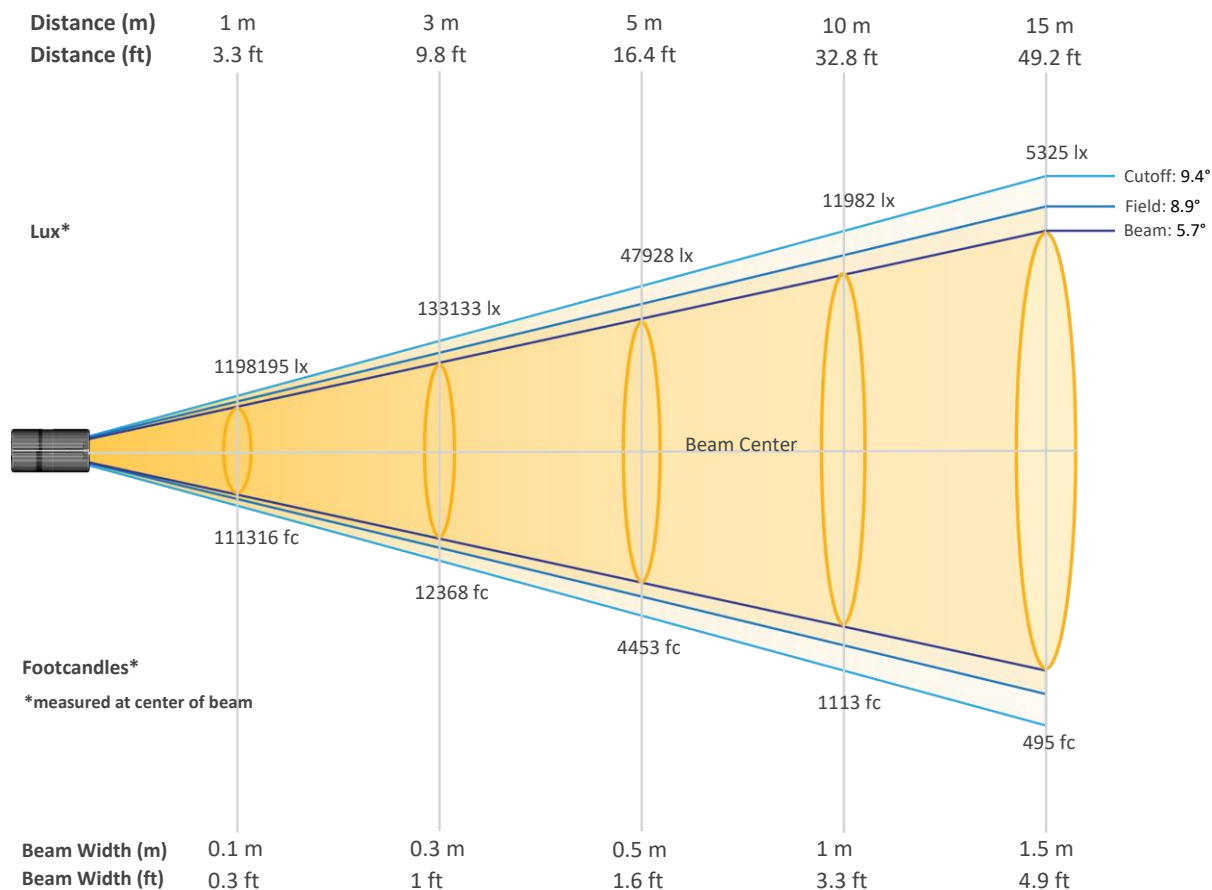
6488 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Cali On

Beam Details

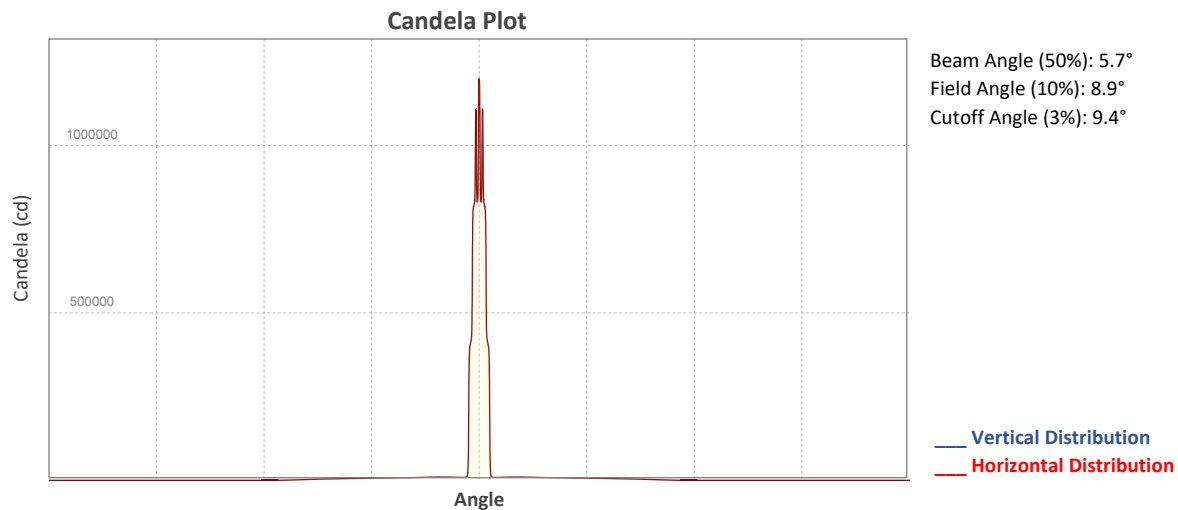


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1198195	299549	133133	74887	47928	33283	24453	18722	14793	11982
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	9902	8321	7090	6113	5325	4680	4146	3698	3319	2995
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	111316	27829	12368	6957	4453	3092	2272	1739	1374	1113
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	920	773	659	568	495	435	385	344	308	278

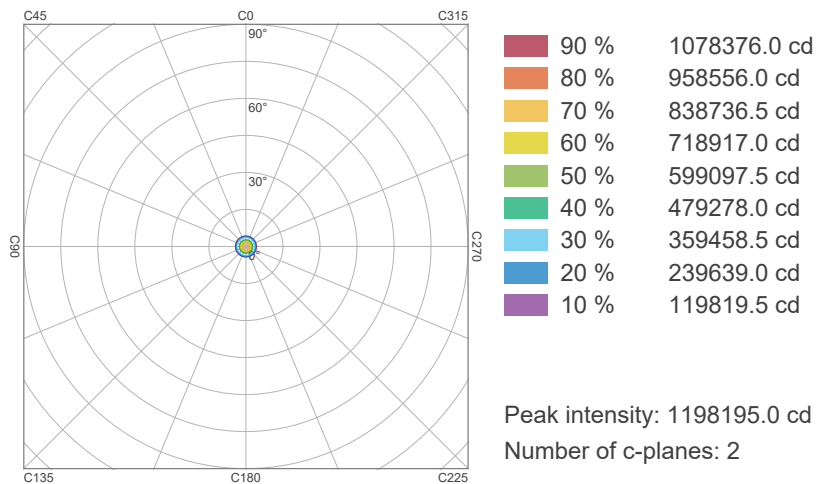
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Cali On

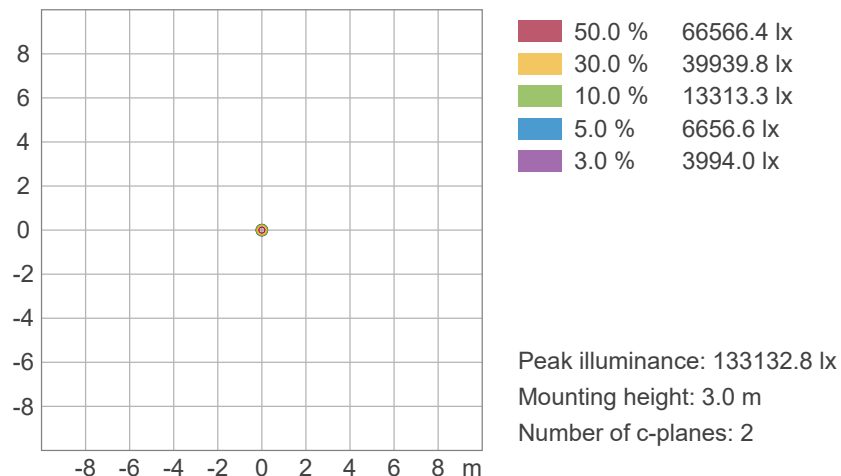


ISO Diagrams

ISO Candela Diagram



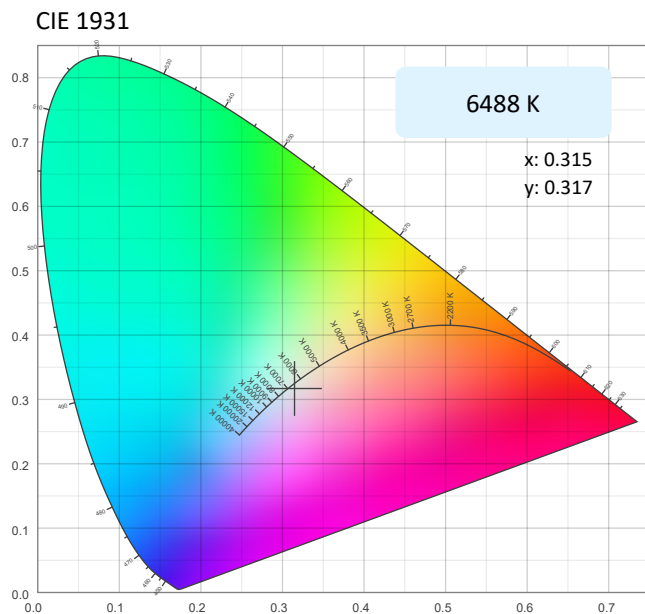
ISO Lux Diagram



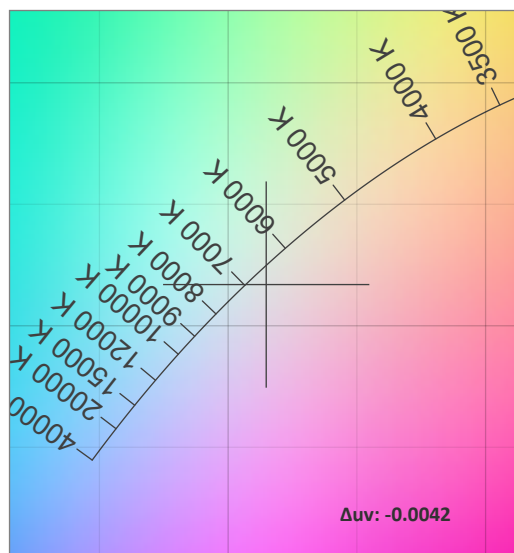
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Cali On

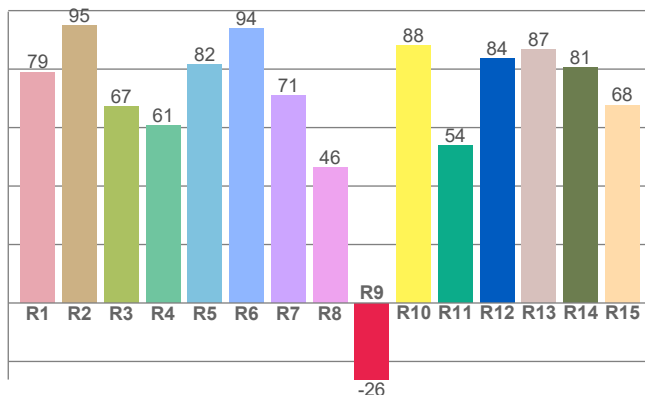
Chromaticity



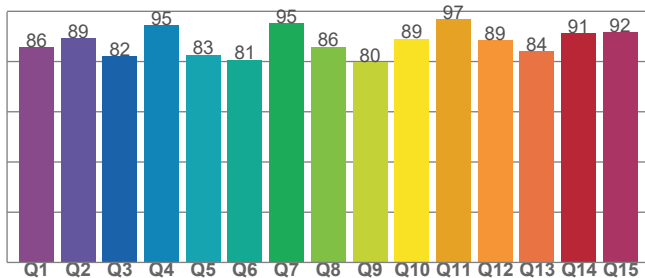
CIE 1931 - Zoom



CRI: 74.3 (R1-R8)



CQS: 86.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6488 K	0.315	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.317	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.3	-26.2	86.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
66	80.0	116.9

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - Full Power-Cali On

TM-30 Details

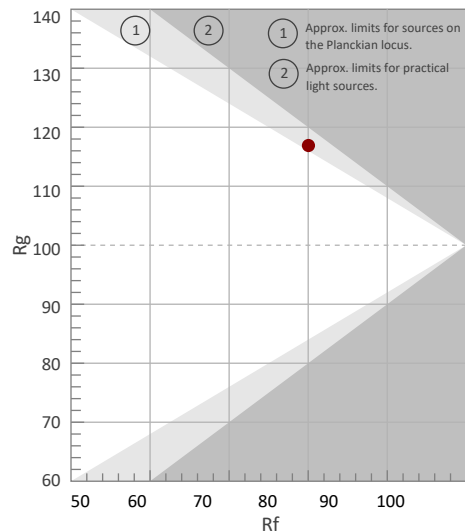
Rf 80.0

Fidelity Index
(Rg)

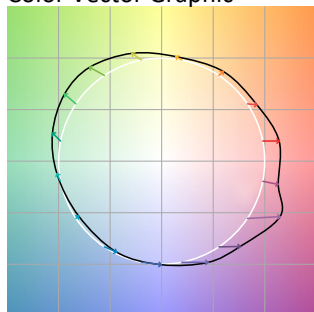
Rg 116.9

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	70	16%	-3%
2	85	7%	-6%
3	89	6%	-1%
4	89	2%	6%
5	81	8%	8%
6	77	15%	8%
7	78	14%	-2%
8	81	9%	-6%
9	90	2%	-8%
10	90	-3%	0%
11	80	-2%	13%
12	73	-1%	19%
13	72	5%	25%
14	68	11%	17%
15	68	25%	19%
16	74	15%	0%



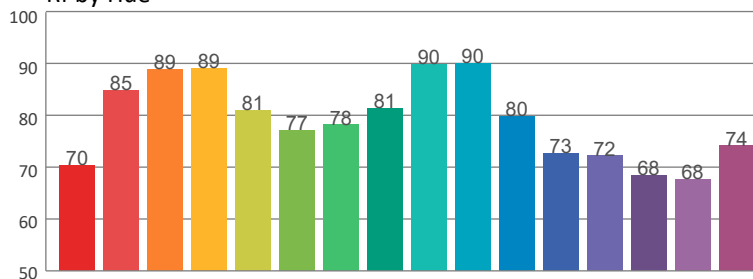
Color Vector Graphic



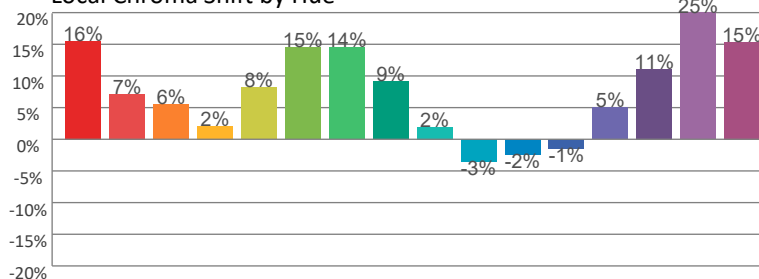
Color Distortion Graphic



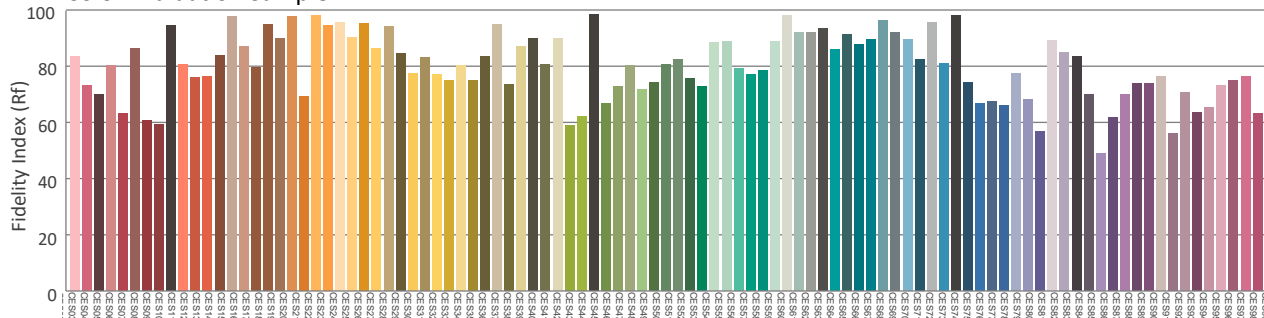
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW

Report Summary

Measurements

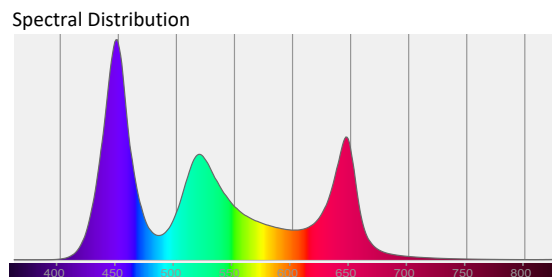
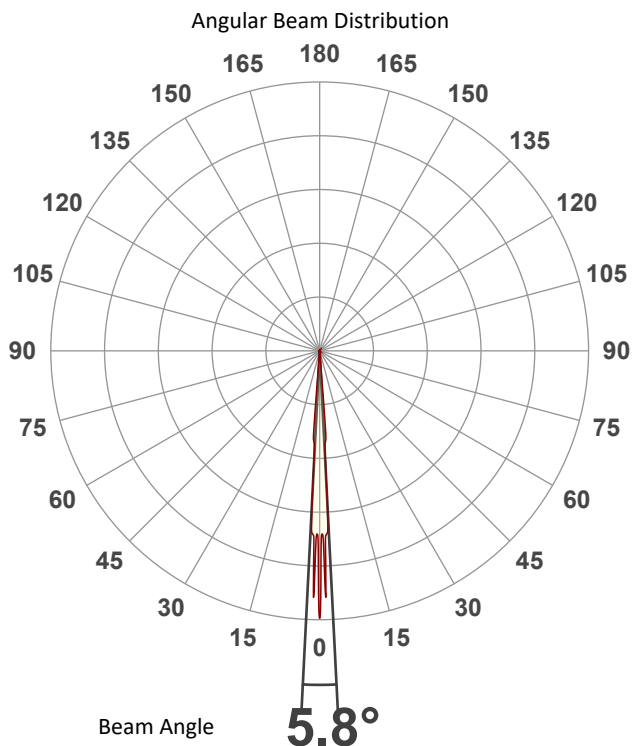
Fixture Output: 14663 lm
Fixture Peak: 1415556 cd
Fixture Efficacy: -134665200 lm/W
Intensity @ 5m: 56622 lux
Color Temperature: 18151 K
CRI: 74.5 CRI R9 Value: -49.3
CQS: 86.4
TLCI: 74
TM-30 Rf: 77.9
TM-30 Rg: 113.9
Beam Angle (50%): 5.8°
Field Angle (10%): 9°
Cutoff Angle (3%): 9.3°

Conditions

AC Supply: 113 V, 60 Hz
Power: 0.04 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

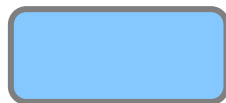
Overall Measurement



Tested Color (CIE 1931):

X: 0.261

Y: 0.258



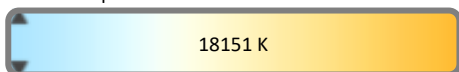
Light Quality

CRI: 74.5



Color Temperature

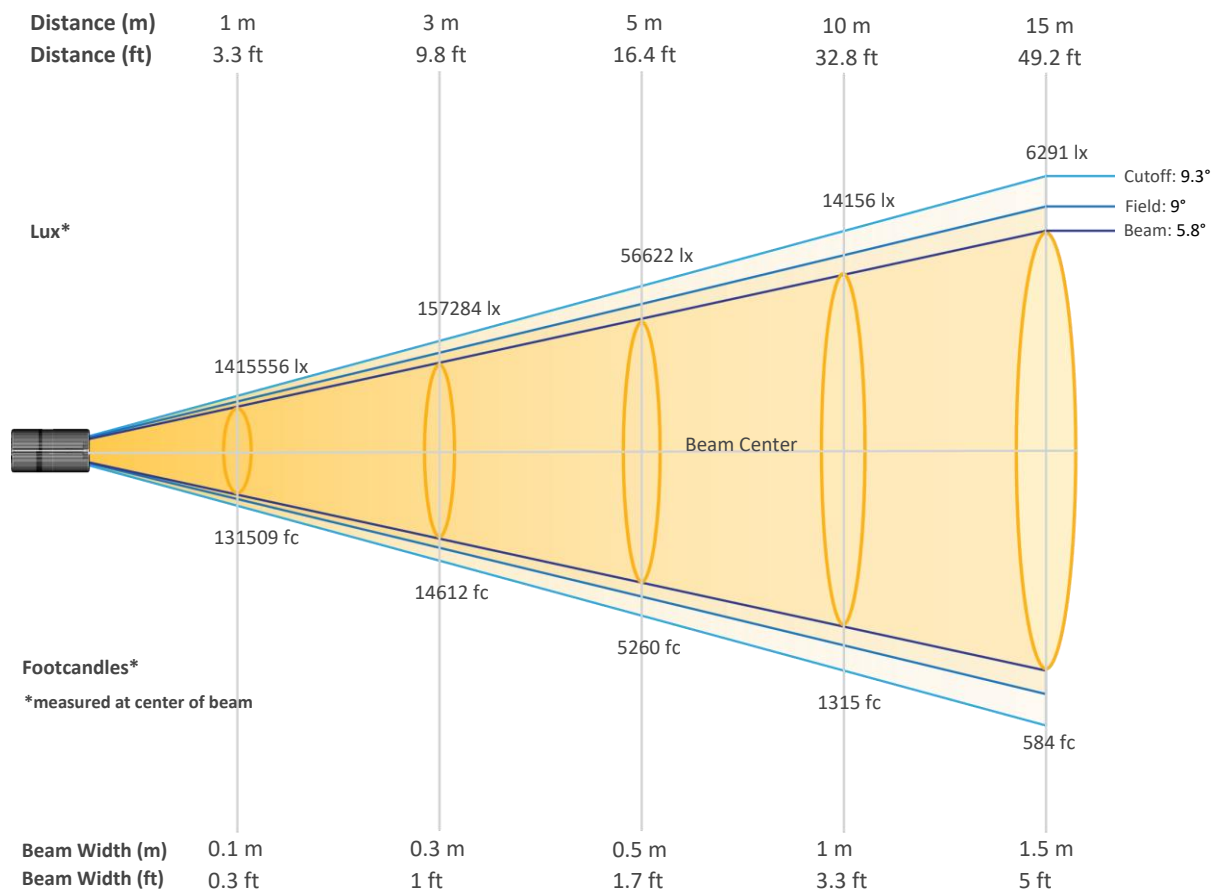
18151 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW

Beam Details

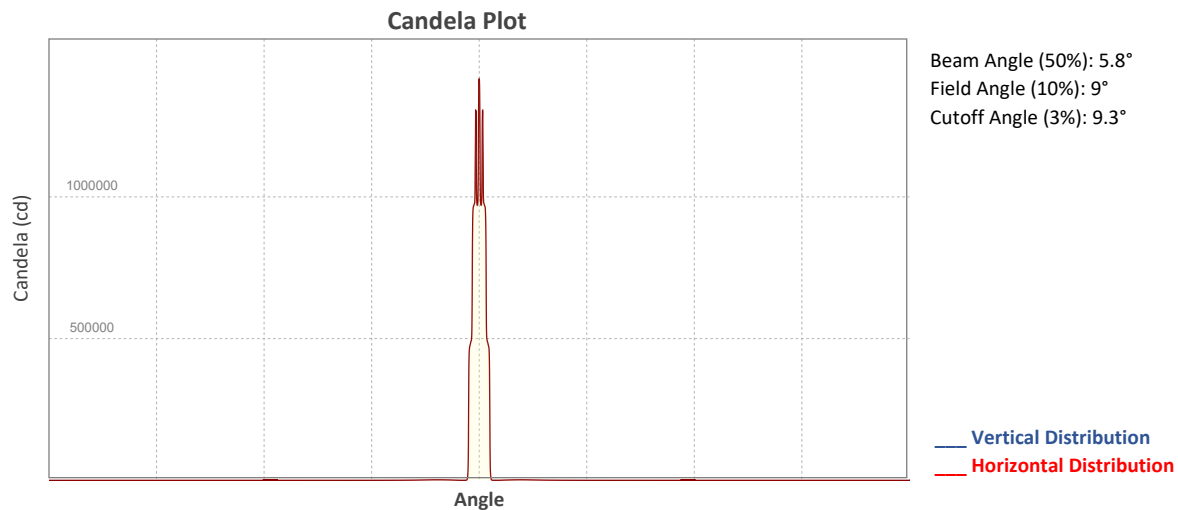


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	141556	353889	157284	88472	56622	39321	28889	22118	17476	14156
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11699	9830	8376	7222	6291	5530	4898	4369	3921	3539
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	131509	32877	14612	8219	5260	3653	2684	2055	1624	1315
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1087	913	778	671	584	514	455	406	364	329

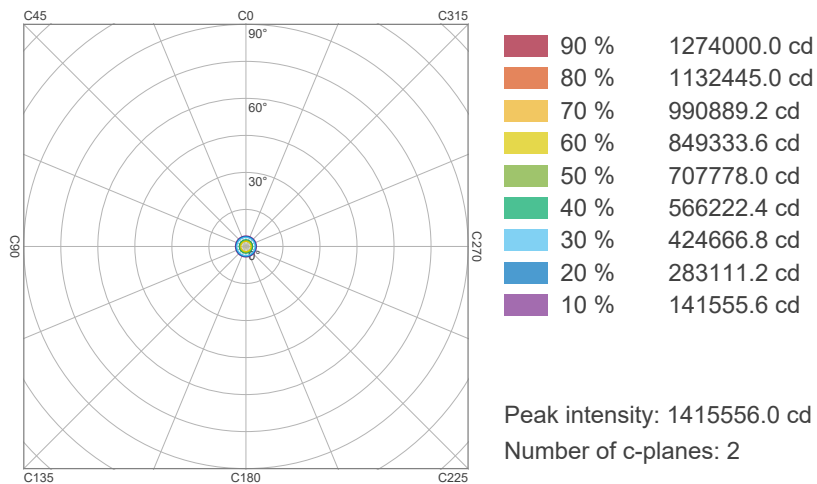
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW

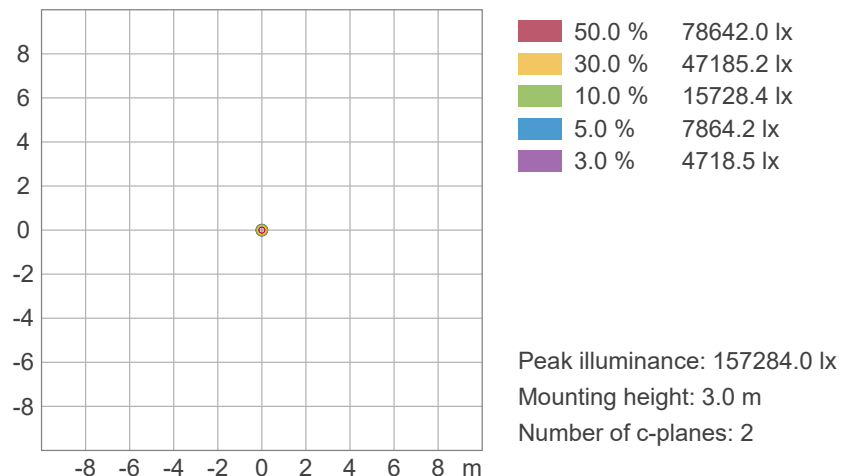


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

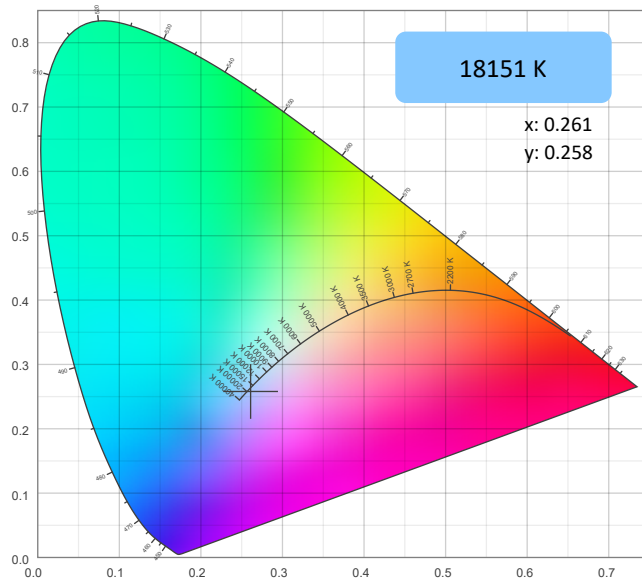


Photometric & Chromaticity Report

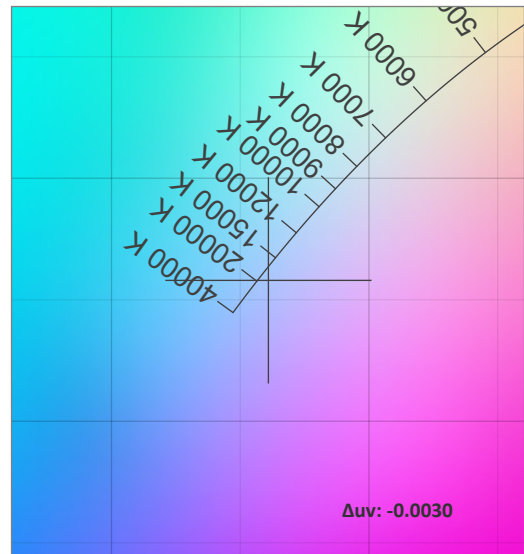
COLORado PXL Curve 5: Full Spot - RGBW

Chromaticity

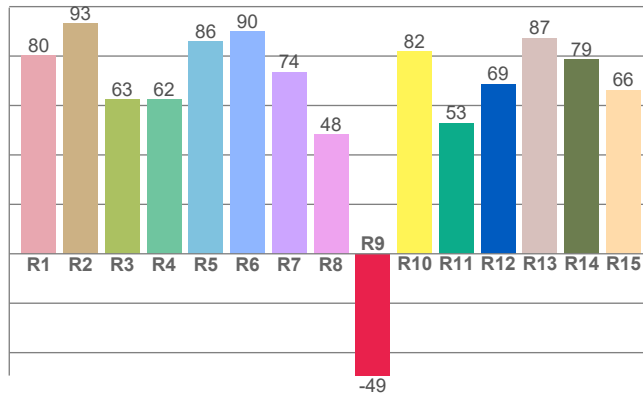
CIE 1931



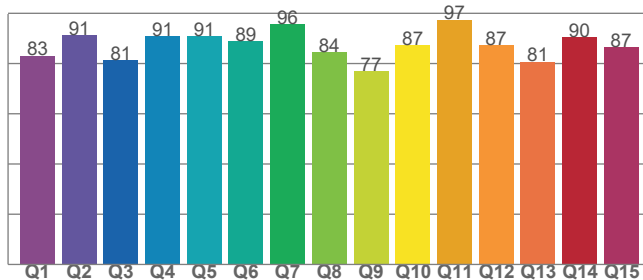
CIE 1931 - Zoom



CRI: 74.5 (R1-R8)



CQS: 86.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
18151 K	0.261	0.258

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0030	0.258	0.187

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.5	-49.3	86.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
74	77.9	113.9

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW

TM-30 Details

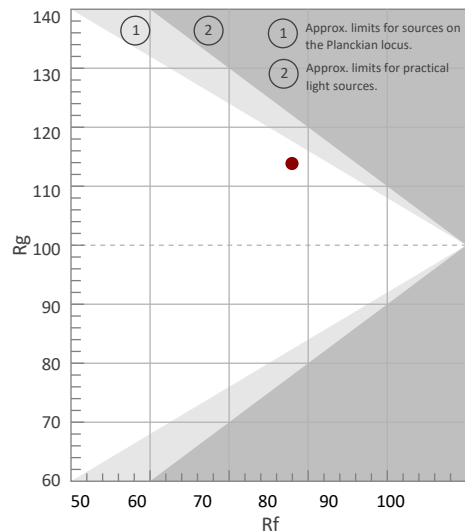
Rf 77.9

Fidelity Index
(Rg)

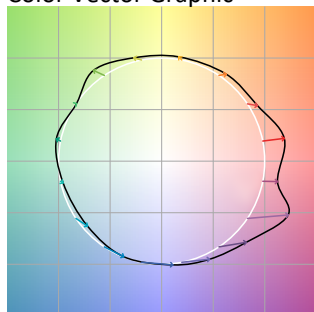
Rg 113.9

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	64	21%	-2%
2	82	7%	-7%
3	88	5%	-5%
4	87	2%	3%
5	82	4%	7%
6	82	10%	6%
7	76	0%	-1%
8	89	4%	-1%
9	92	-2%	2%
10	85	-5%	12%
11	60	-3%	21%
12	66	-3%	30%
13	60	2%	27%
14	62	11%	24%
15	59	31%	25%
16	73	14%	3%



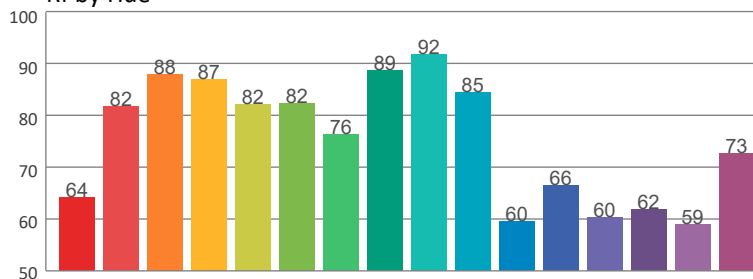
Color Vector Graphic



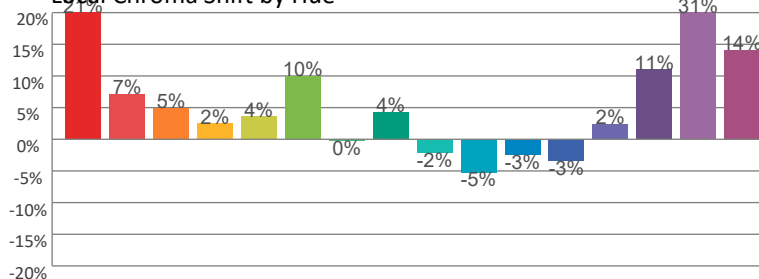
Color Distortion Graphic



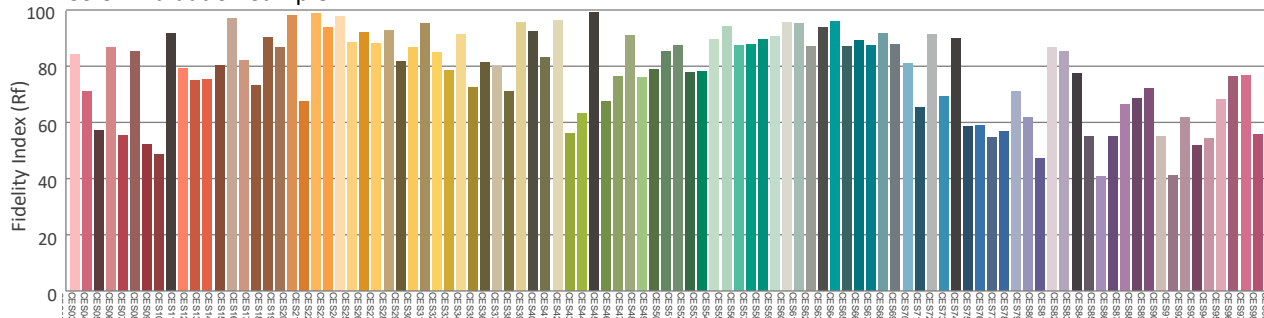
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-ECO

Report Summary

Measurements

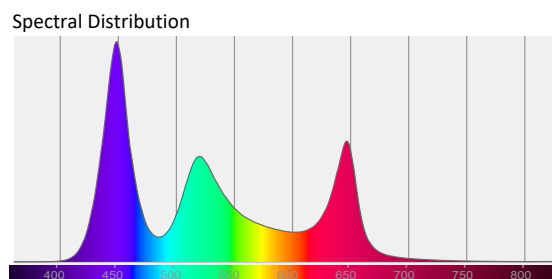
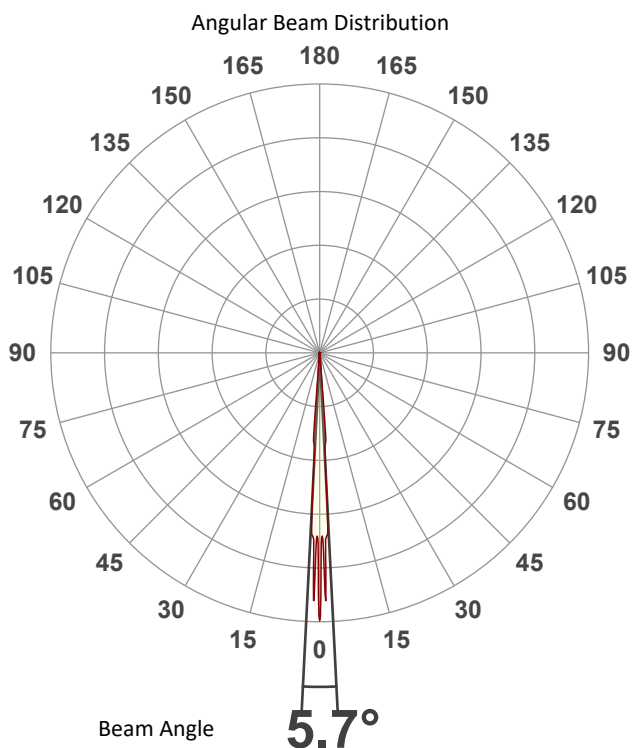
Fixture Output: 14237 lm
Fixture Peak: 1400498 cd
Fixture Efficacy: -141820716 lm/W
Intensity @ 5m: 56020 lux
Color Temperature: 18650 K
CRI: 75.1 CRI R9 Value: -44.7
CQS: 86.6
TLCI: 76
TM-30 Rf: 78.2
TM-30 Rg: 113.5
Beam Angle (50%): 5.7°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 9.3°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

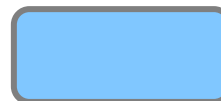
Overall Measurement



Tested Color (CIE 1931):

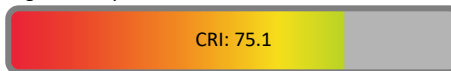
X: 0.260

Y: 0.258



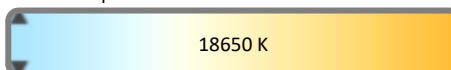
Light Quality

CRI: 75.1



Color Temperature

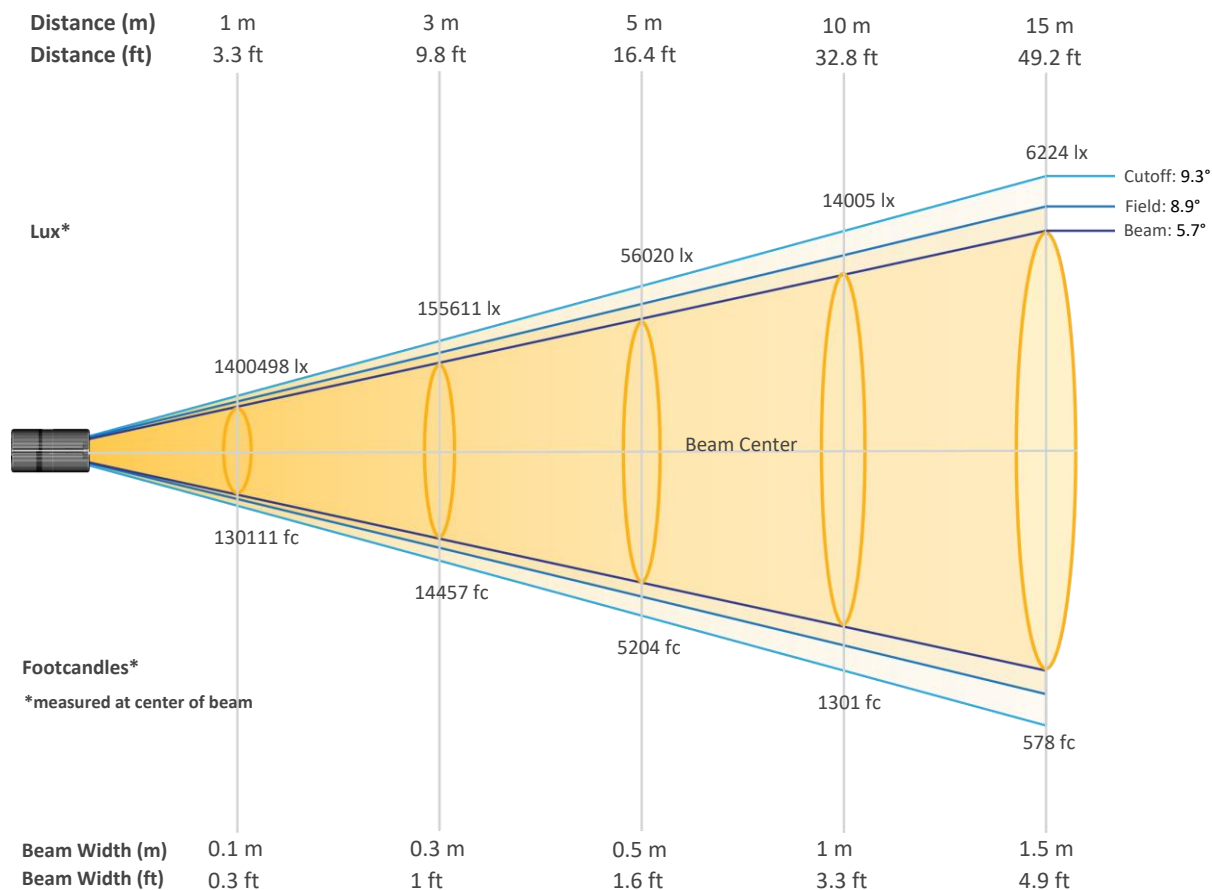
18650 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-ECO

Beam Details

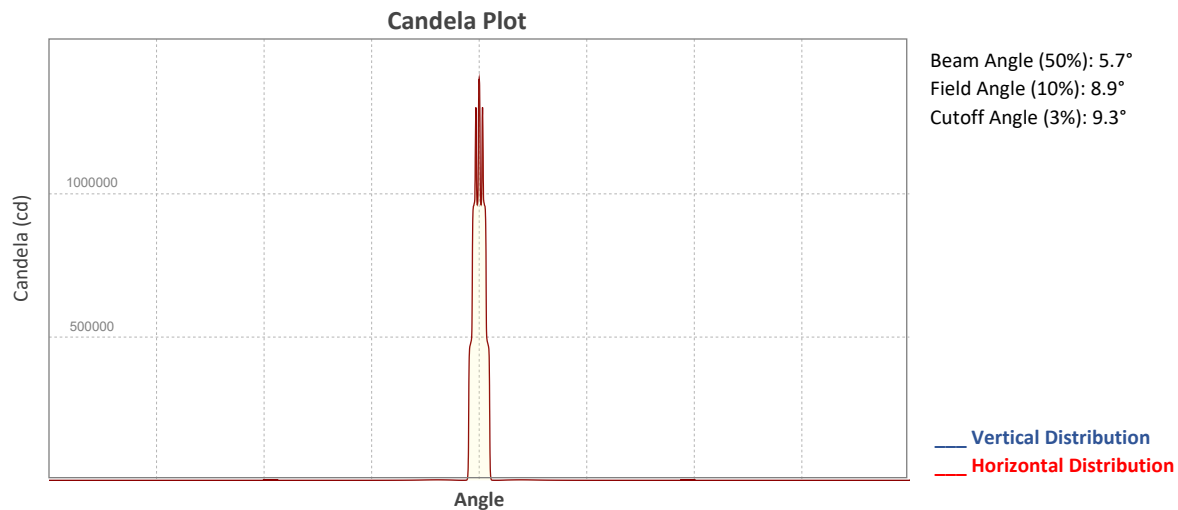


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1400498	350124	155611	87531	56020	38903	28582	21883	17290	14005
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11574	9726	8287	7145	6224	5471	4846	4323	3879	3501
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	130111	32528	14457	8132	5204	3614	2655	2033	1606	1301
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1075	904	770	664	578	508	450	402	360	325

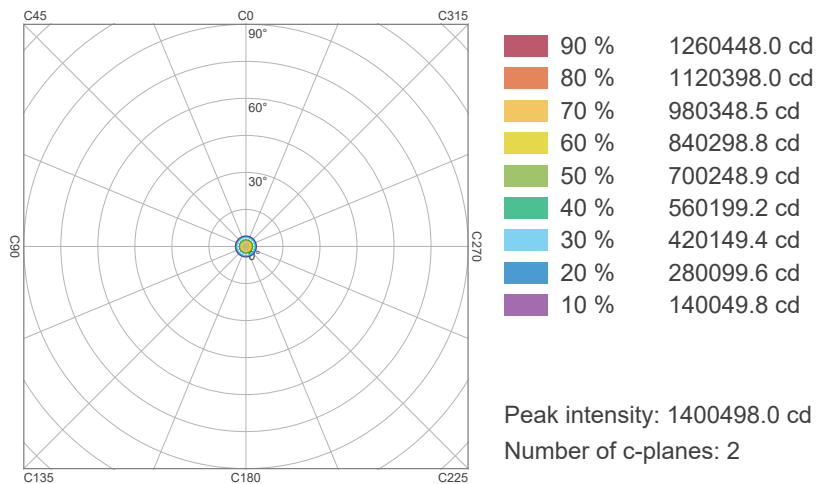
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-ECO

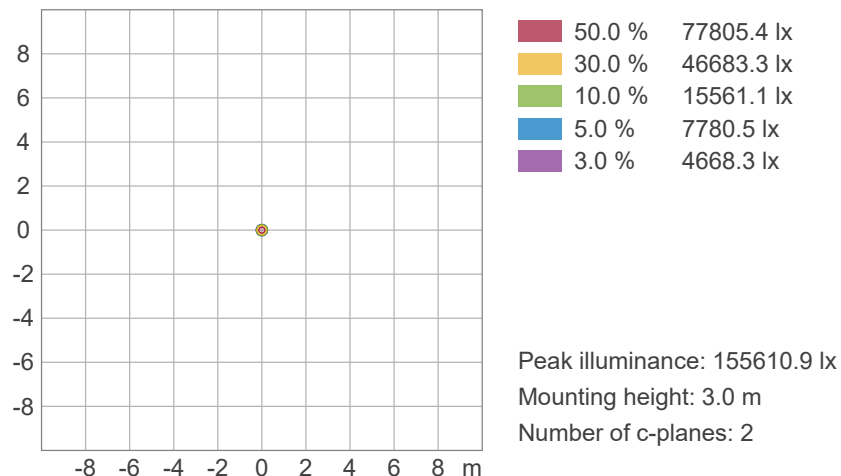


ISO Diagrams

ISO Candela Diagram



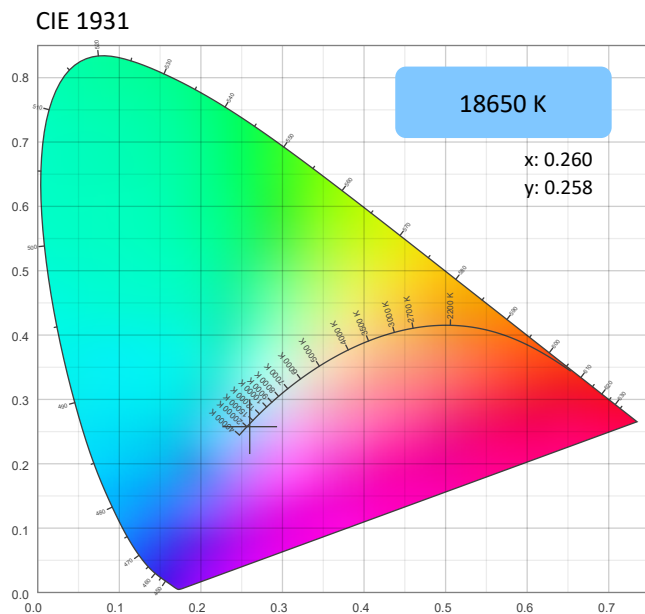
ISO Lux Diagram



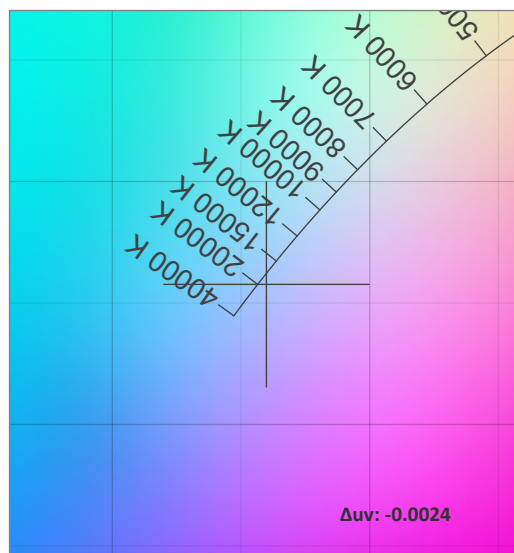
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-ECO

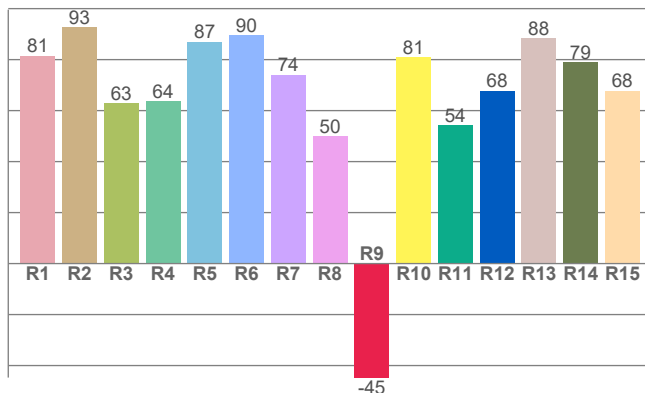
Chromaticity



CIE 1931 - Zoom



CRI: 75.1 (R1-R8)

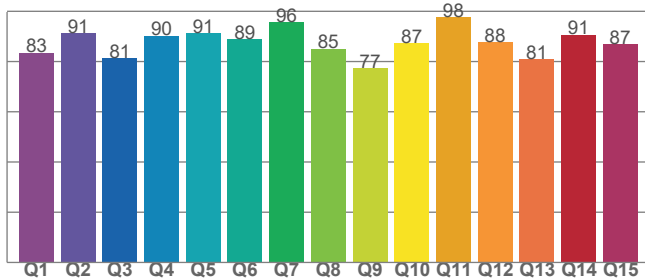


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
18650 K	0.260	0.258

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0024	0.258	0.187

CQS: 86.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.1	-44.7	86.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
76	78.2	113.5

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-ECO

TM-30 Details

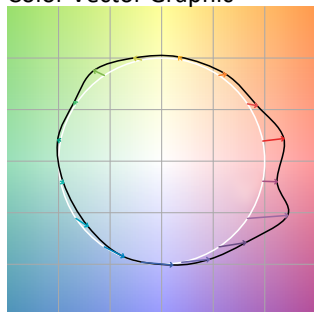
Rf 78.2

Fidelity Index
(Rg)

Rg 113.5

Gammut Index (Rg)

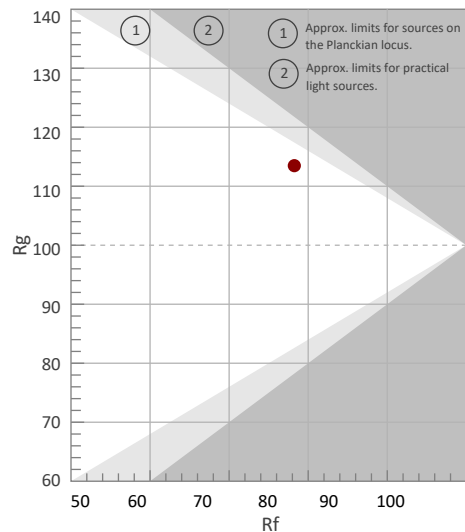
Color Vector Graphic



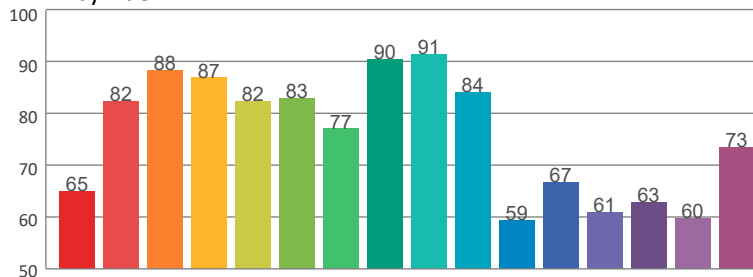
Color Distortion Graphic



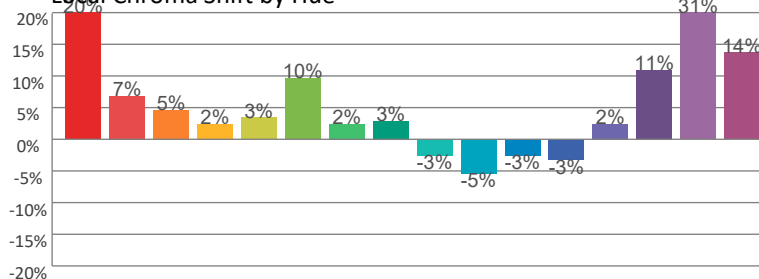
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	65	20%	-2%
2	82	7%	-7%
3	88	5%	-5%
4	87	2%	4%
5	82	3%	7%
6	83	10%	6%
7	77	2%	-1%
8	90	3%	-1%
9	91	-3%	2%
10	84	-5%	13%
11	59	-3%	21%
12	67	-3%	30%
13	61	2%	27%
14	63	11%	24%
15	60	31%	24%
16	73	14%	2%



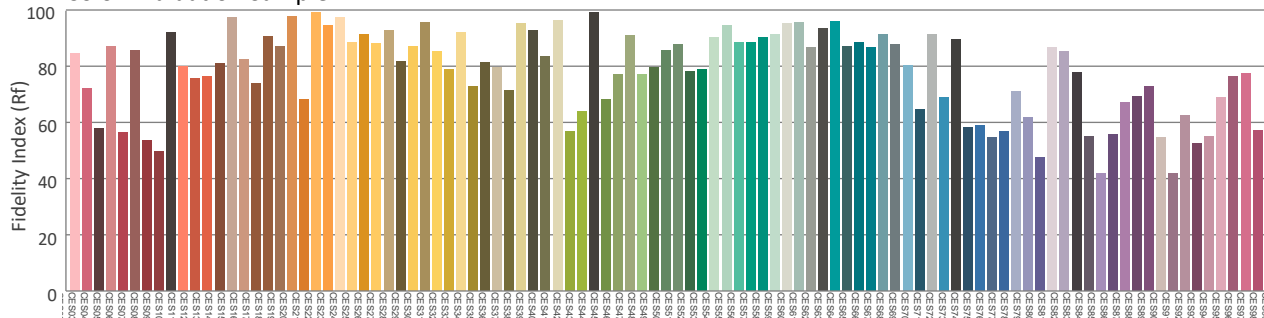
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Auto

Report Summary

Measurements

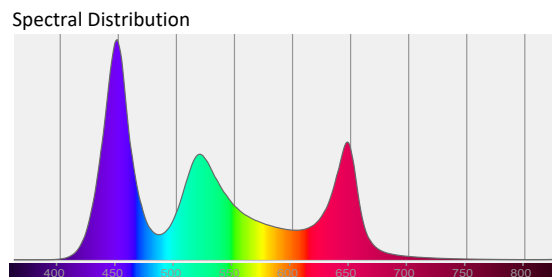
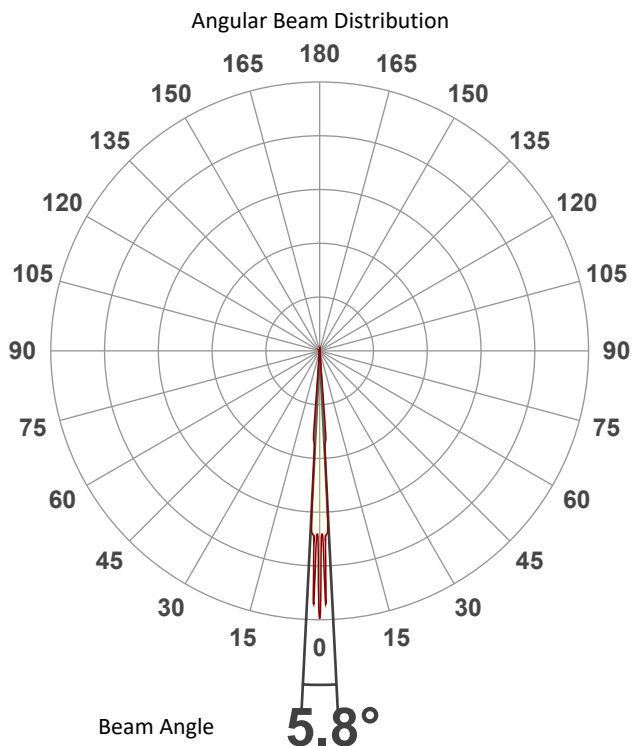
Fixture Output: 13948 lm
Fixture Peak: 1373349 cd
Fixture Efficacy: -154364679 lm/W
Intensity @ 5m: 54934 lux
Color Temperature: 19121 K
CRI: 76.2 CRI R9 Value: -37.0
CQS: 86.9
TLCI: 77
TM-30 Rf: 78.7
TM-30 Rg: 112.7
Beam Angle (50%): 5.8°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 9.2°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: -0.01

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 3/20/2026 to LM-63-2002 Standards.

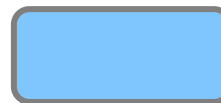
Overall Measurement



Tested Color (CIE 1931):

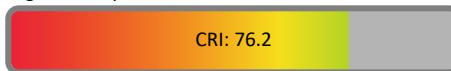
X: 0.259

Y: 0.258



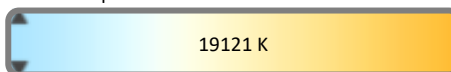
Light Quality

CRI: 76.2



Color Temperature

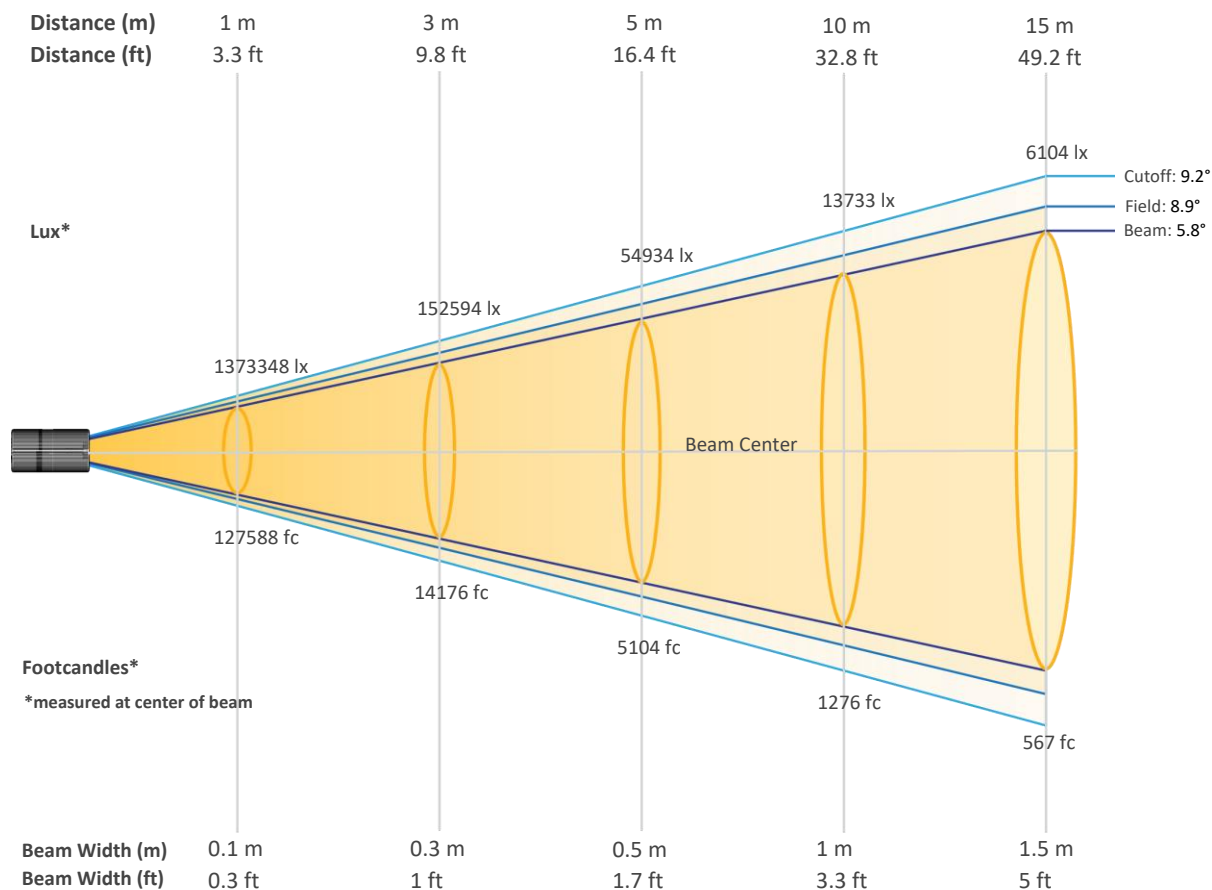
19121 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Auto

Beam Details

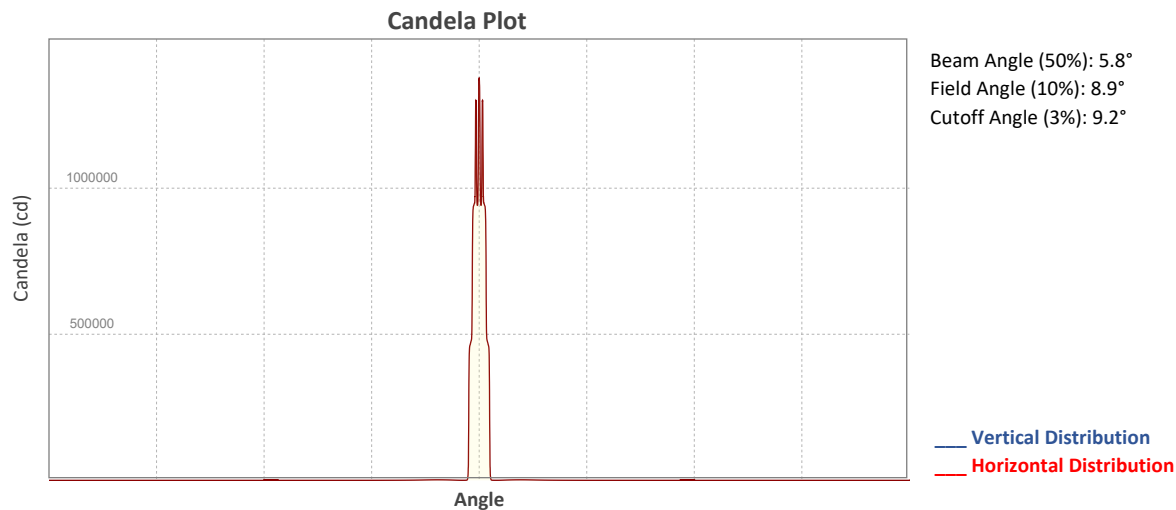


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1373348	343337	152594	85834	54934	38149	28028	21459	16955	13733
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11350	9537	8126	7007	6104	5365	4752	4239	3804	3433
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	127588	31897	14176	7974	5104	3544	2604	1994	1575	1276
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1054	886	755	651	567	498	441	394	353	319

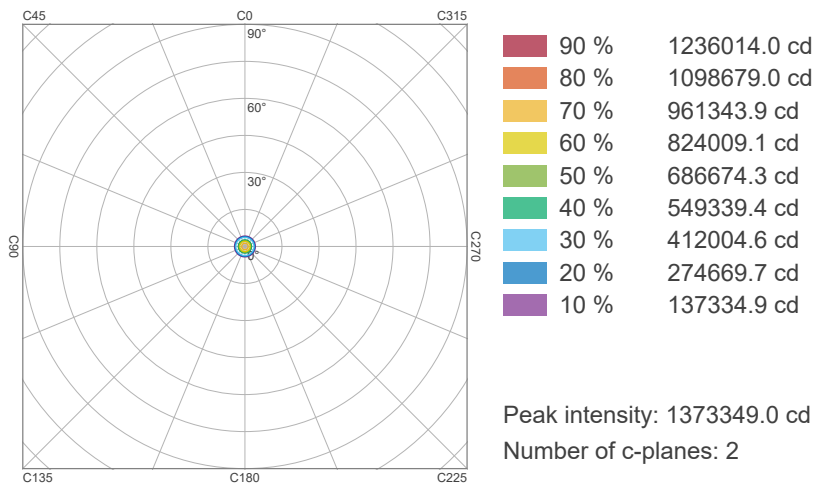
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Auto

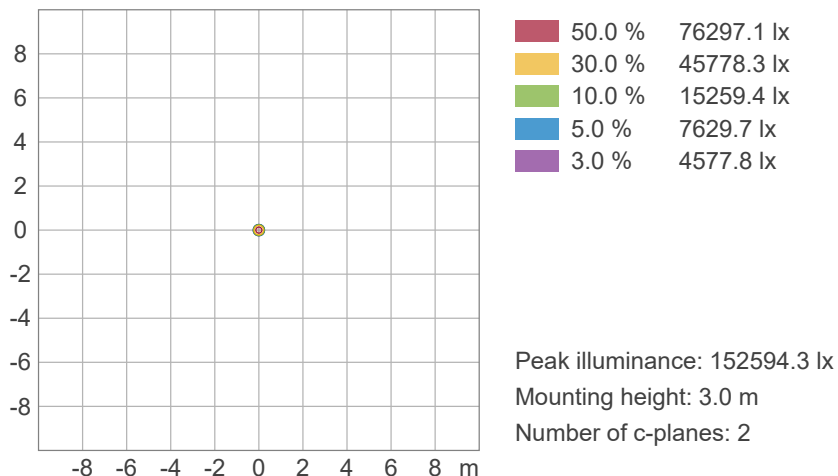


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

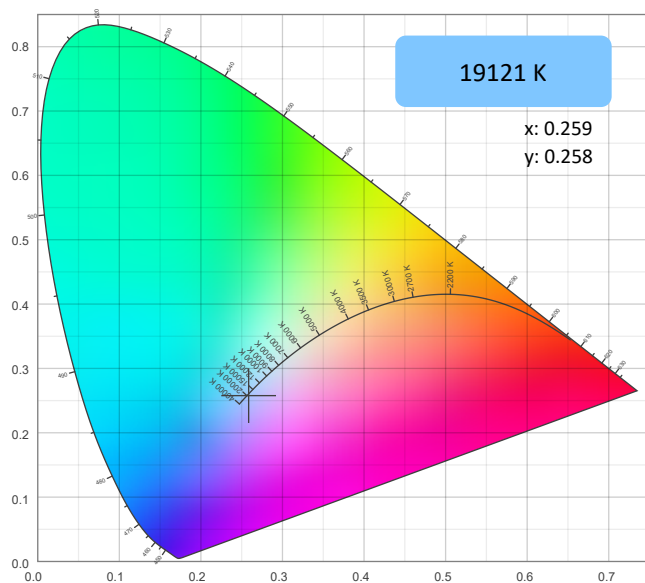


Photometric & Chromaticity Report

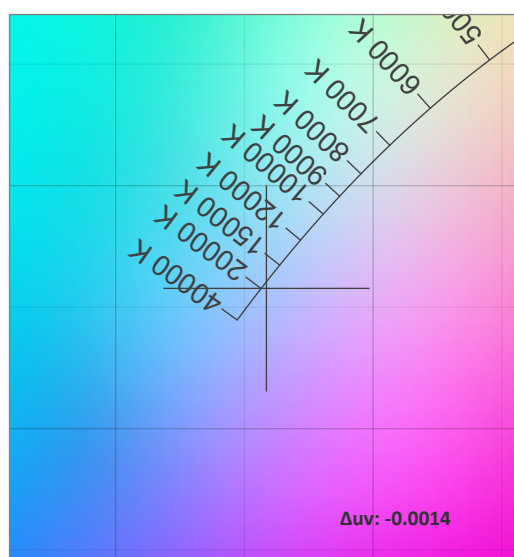
COLORado PXL Curve 5: Full Spot - RGBW-Auto

Chromaticity

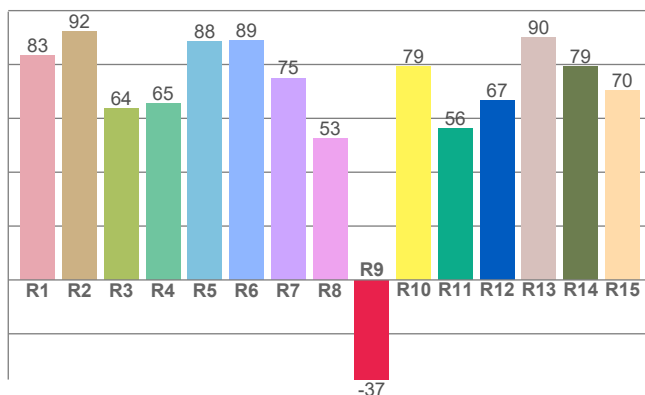
CIE 1931



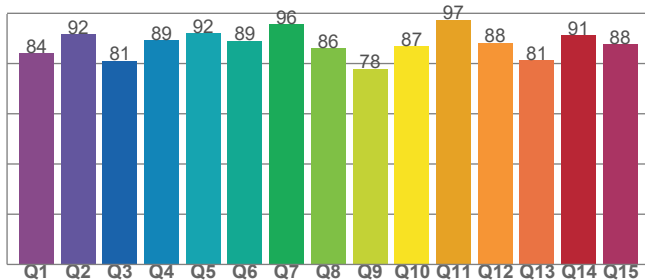
CIE 1931 - Zoom



CRI: 76.2 (R1-R8)



CQS: 86.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
19121 K	0.259	0.258

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0014	0.258	0.185

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.2	-37.0	86.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	78.7	112.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Auto

TM-30 Details

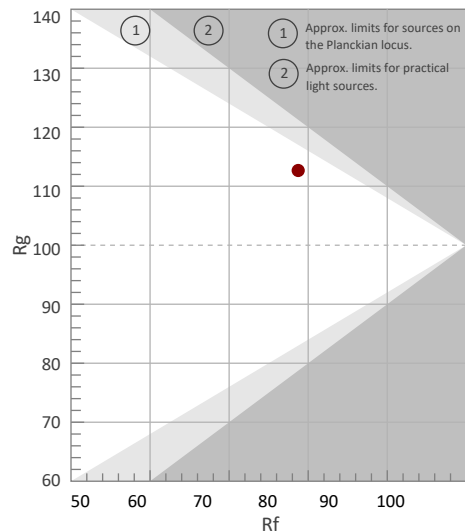
Rf 78.7

Fidelity Index
(Rg)

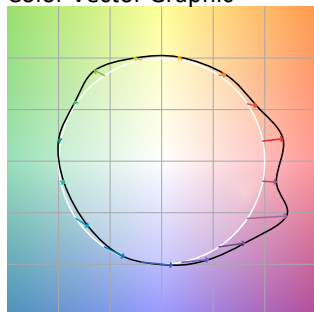
Rg 112.7

Gammut Index (Rg)

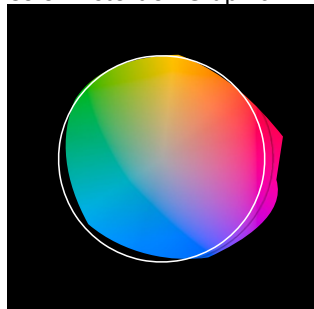
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	66	20%	-2%
2	83	6%	-6%
3	89	4%	-5%
4	87	2%	4%
5	82	3%	7%
6	84	9%	5%
7	78	2%	-1%
8	91	2%	-1%
9	91	-3%	2%
10	84	-6%	13%
11	59	-3%	21%
12	67	-3%	30%
13	62	3%	26%
14	64	11%	23%
15	61	30%	23%
16	75	13%	2%



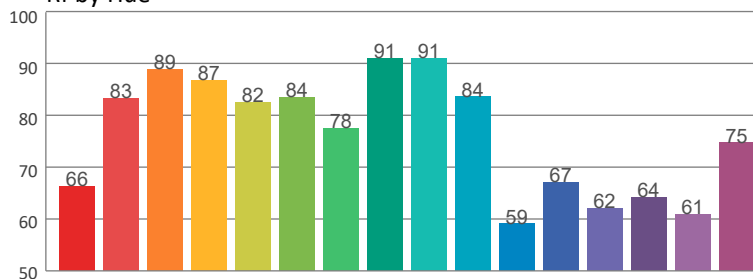
Color Vector Graphic



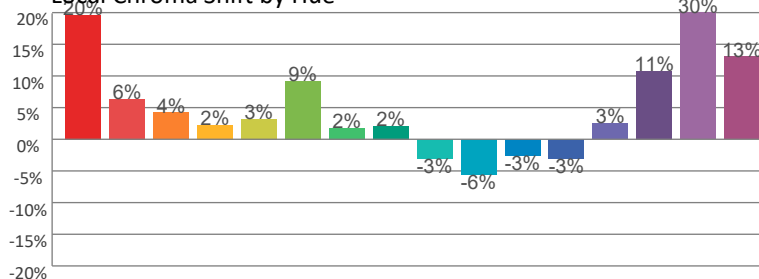
Color Distortion Graphic



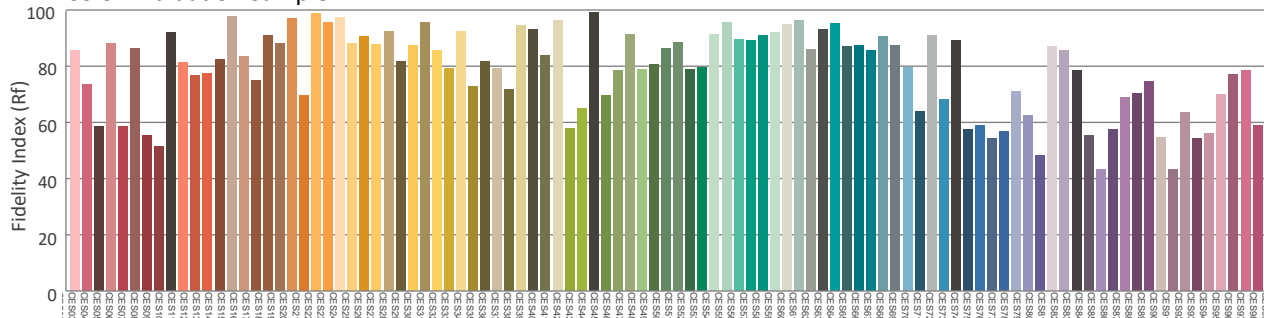
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Cali On

Report Summary

Measurements

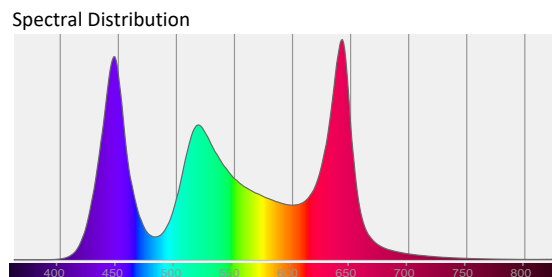
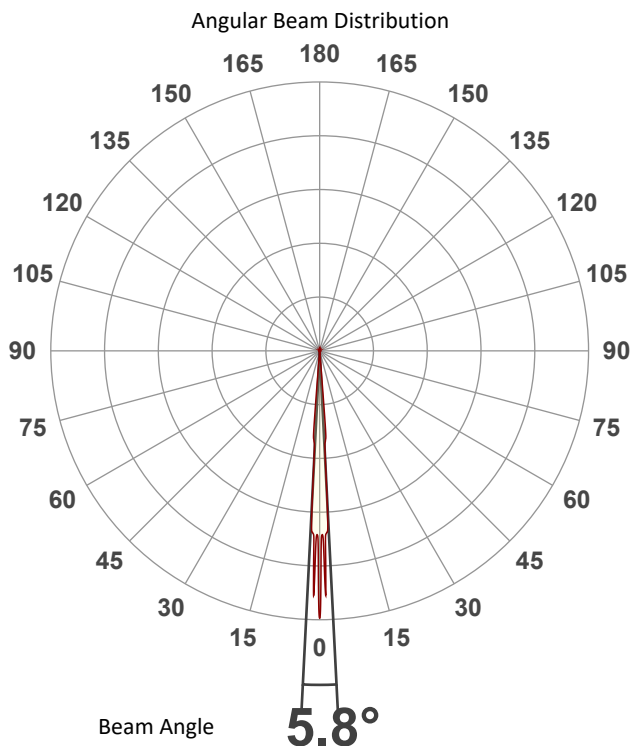
Fixture Output: 12781 lm
Fixture Peak: 1215902 cd
Fixture Efficacy: -92477144 lm/W
Intensity @ 5m: 48636 lux
Color Temperature: 6356 K
CRI: 72.9 CRI R9 Value: -34.8
CQS: 86.2
TLCI: 64
TM-30 Rf: 79.3
TM-30 Rg: 118.0
Beam Angle (50%): 5.8°
Field Angle (10%): 9°
Cutoff Angle (3%): 9.3°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

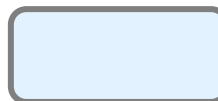
Overall Measurement



Tested Color (CIE 1931):

X: 0.317

Y: 0.317



Light Quality

CRI: 72.9

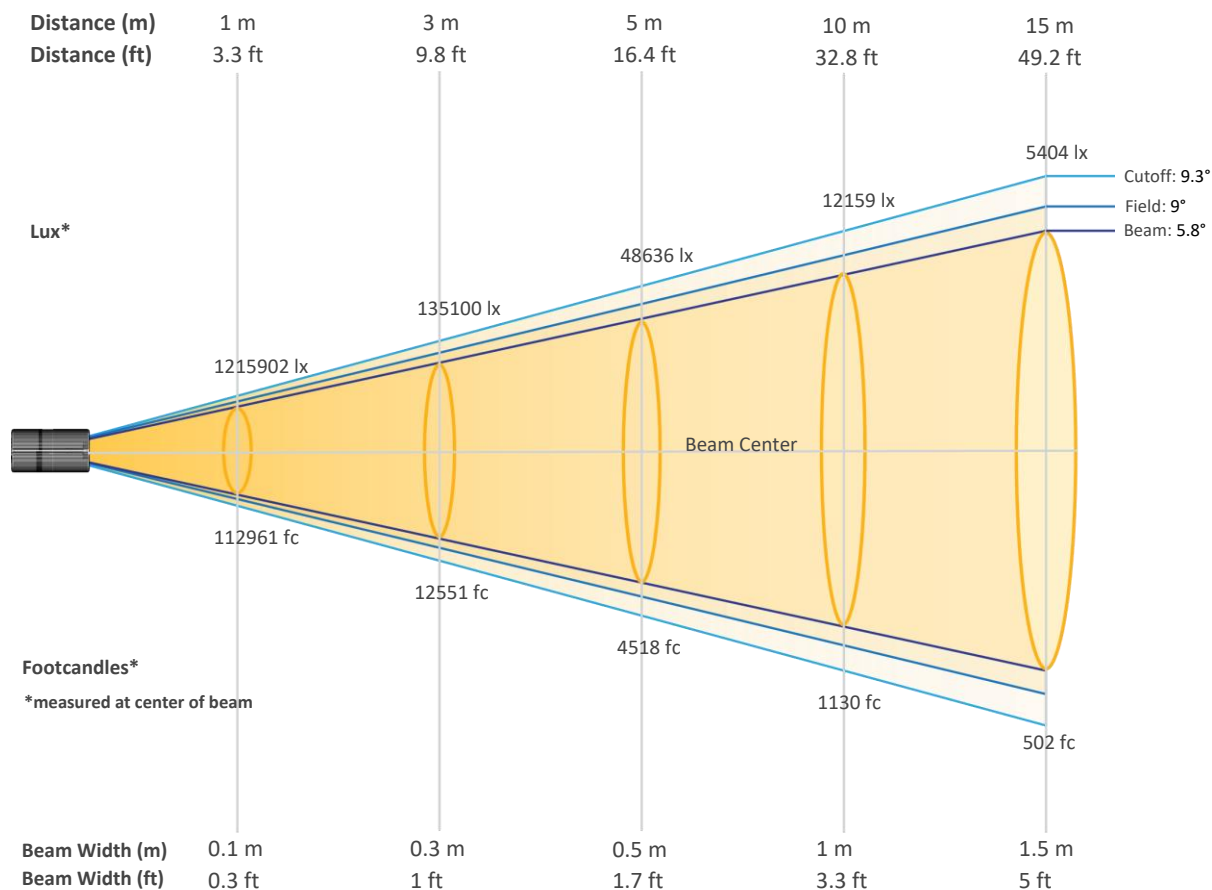
Color Temperature

6356 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Cali On

Beam Details

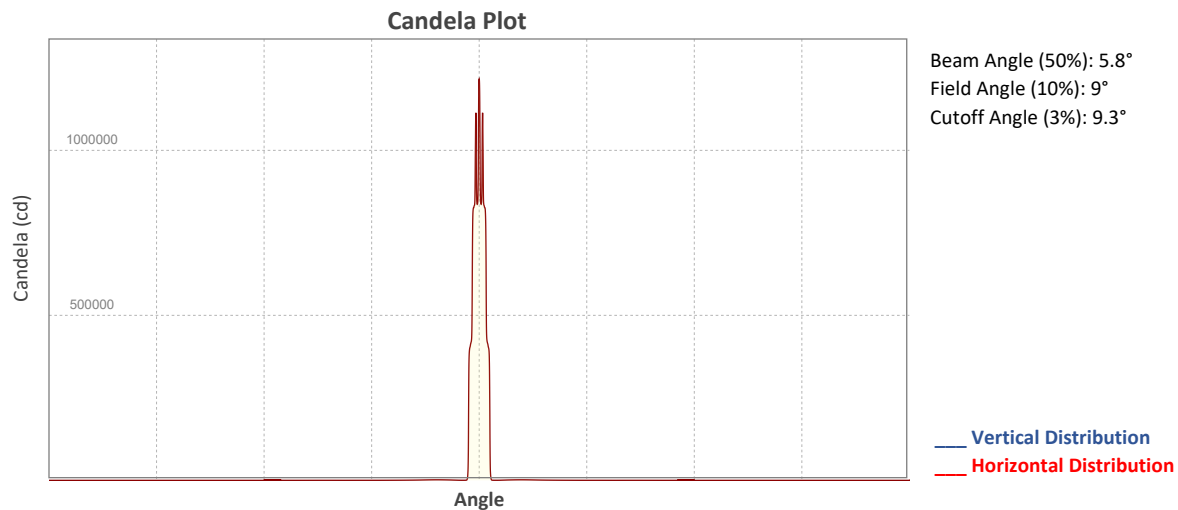


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1215902	303976	135100	75994	48636	33775	24814	18998	15011	12159
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10049	8444	7195	6204	5404	4750	4207	3753	3368	3040
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	112961	28240	12551	7060	4518	3138	2305	1765	1395	1130
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	934	784	668	576	502	441	391	349	313	282

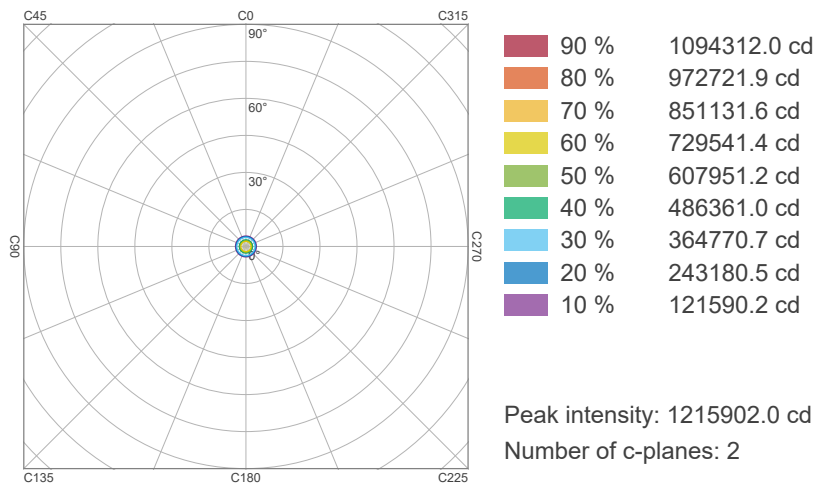
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Cali On

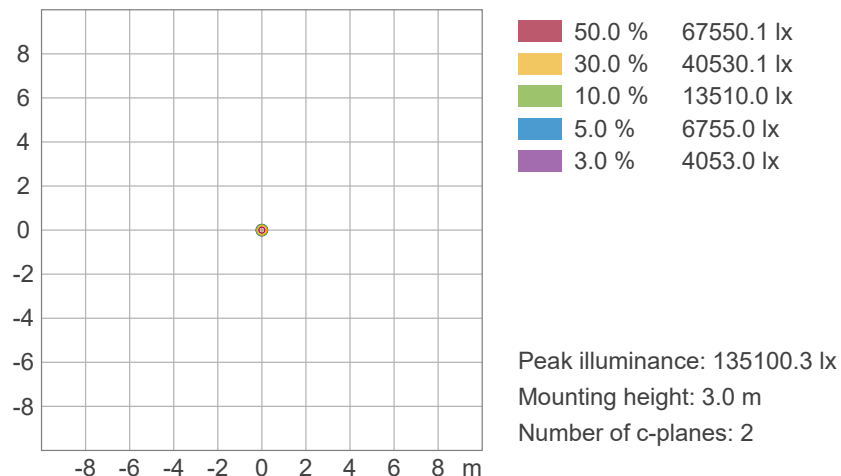


ISO Diagrams

ISO Candela Diagram



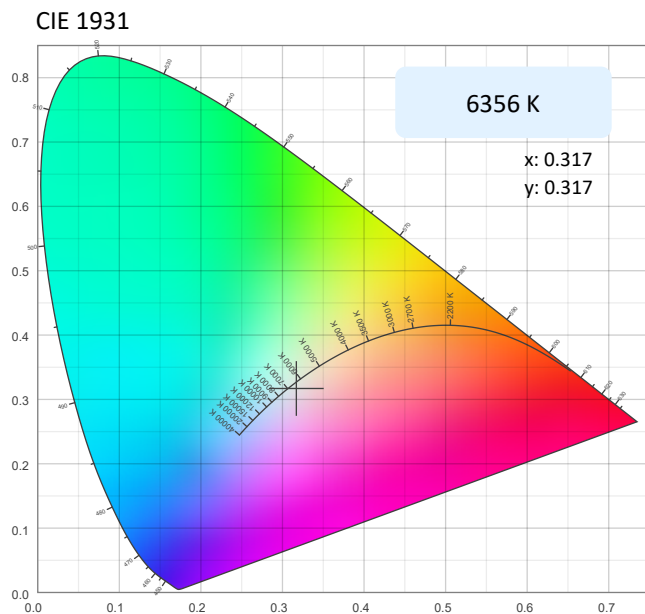
ISO Lux Diagram



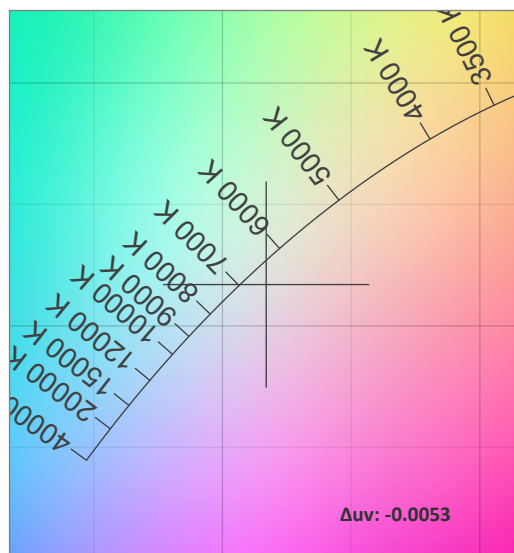
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Cali On

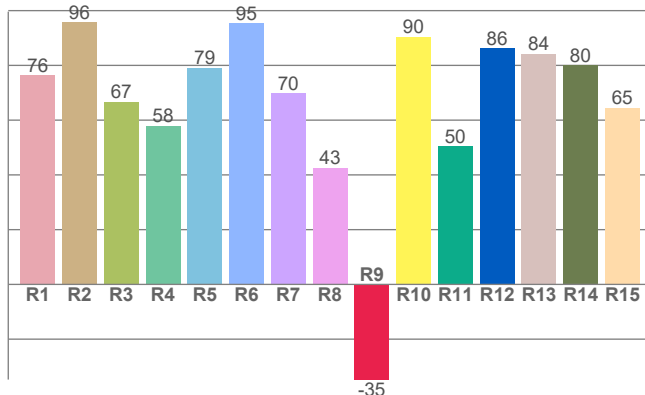
Chromaticity



CIE 1931 - Zoom



CRI: 72.9 (R1-R8)

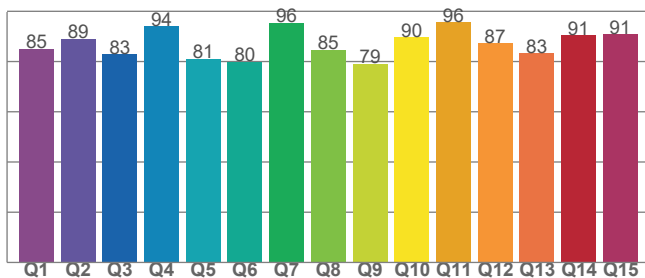


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6356 K	0.317	0.317

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0053	0.317	0.206

CQS: 86.2



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.9	-34.8	86.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	79.3	118.0

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Spot - RGBW-Cali On

TM-30 Details

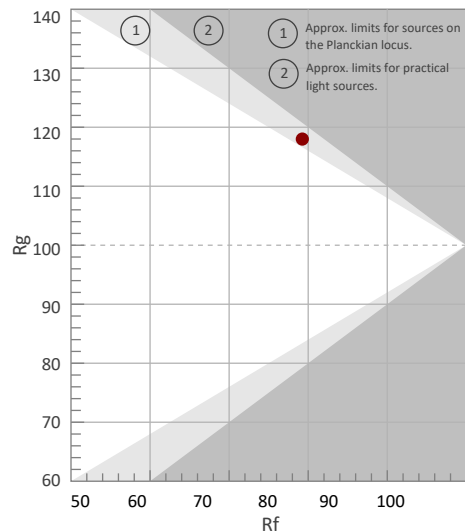
Rf 79.3

Fidelity Index
(Rg)

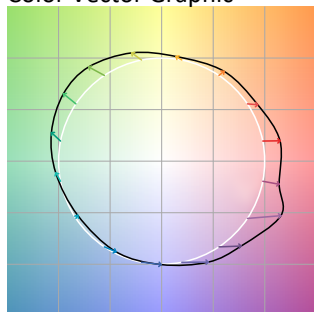
Rg 118.0

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	69	16%	-3%
2	83	8%	-6%
3	88	6%	-2%
4	89	2%	6%
5	80	9%	8%
6	76	15%	8%
7	77	16%	-1%
8	80	10%	-6%
9	89	3%	-9%
10	90	-3%	-2%
11	81	-2%	12%
12	73	-2%	19%
13	72	5%	25%
14	67	11%	18%
15	67	25%	20%
16	73	16%	0%



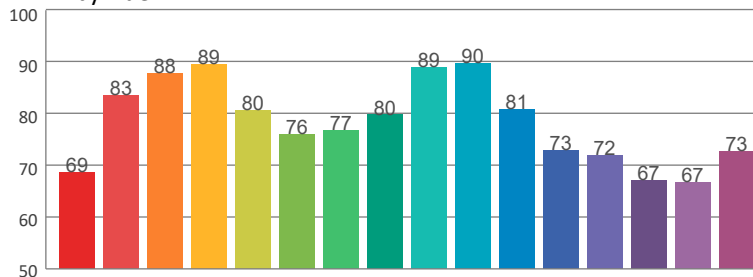
Color Vector Graphic



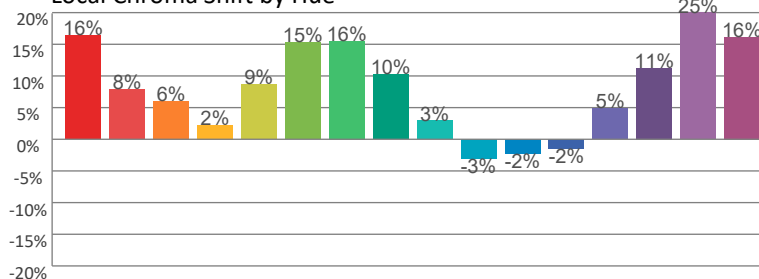
Color Distortion Graphic



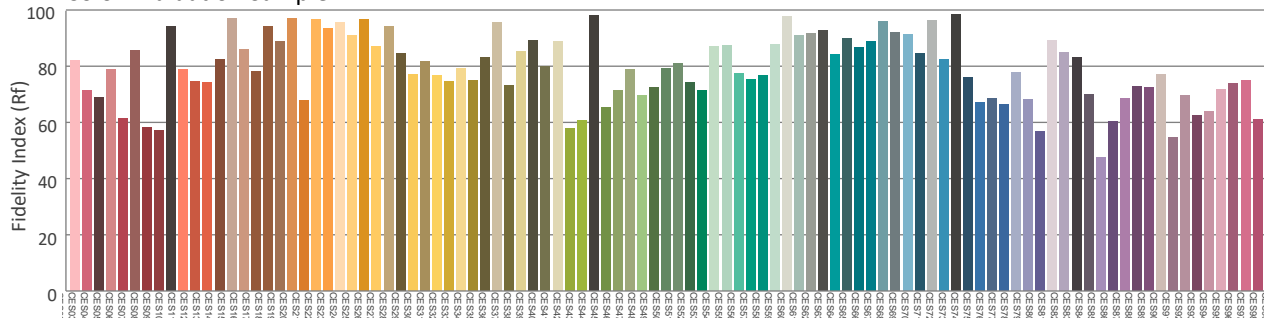
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power

Report Summary

Measurements

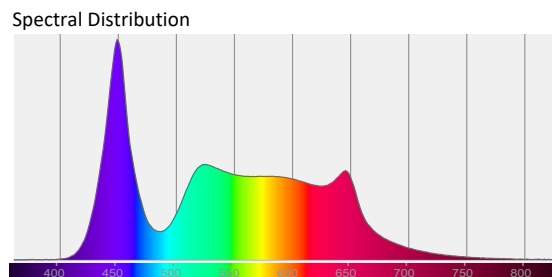
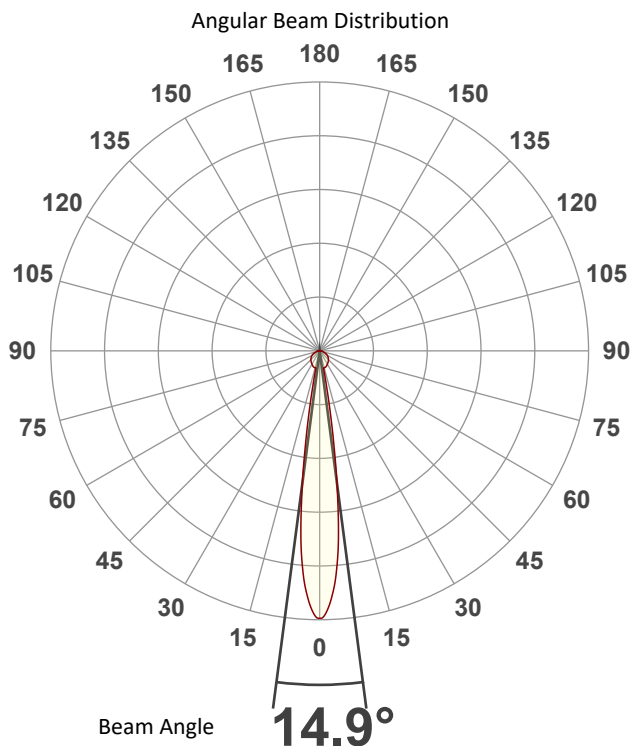
Fixture Output: 46588 lm
Fixture Peak: 187694 cd
Fixture Efficacy: -824674902 lm/W
Intensity @ 5m: 7508 lux
Color Temperature: 6496 K
CRI: 88.4 CRI R9 Value: 95.9
CQS: 83.3
TLCI: 84
TM-30 Rf: 82.8
TM-30 Rg: 106.7
Beam Angle (50%): 14.9°
Field Angle (10%): 23.4°
Cutoff Angle (3%): 132°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.316

Y: 0.305



Light Quality

CRI: 88.4

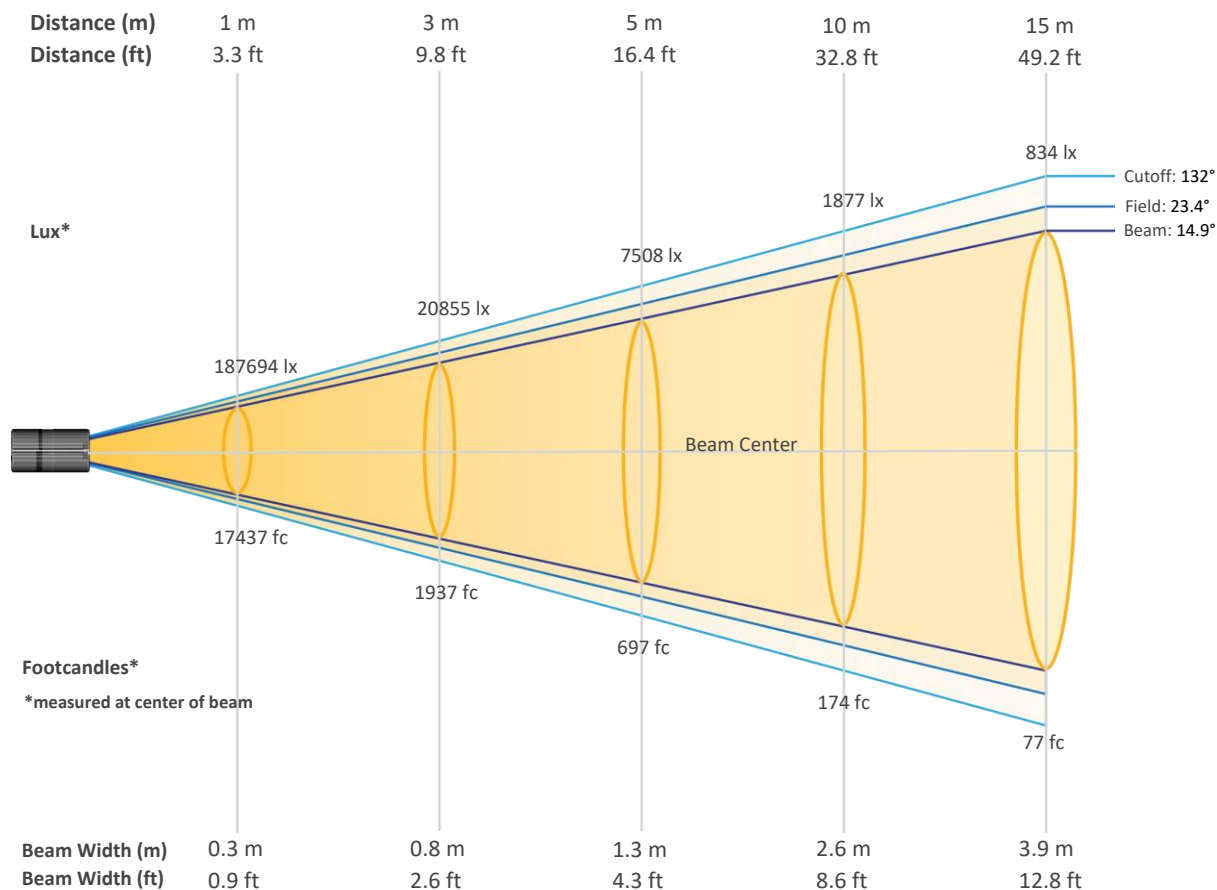
Color Temperature

6496 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power

Beam Details

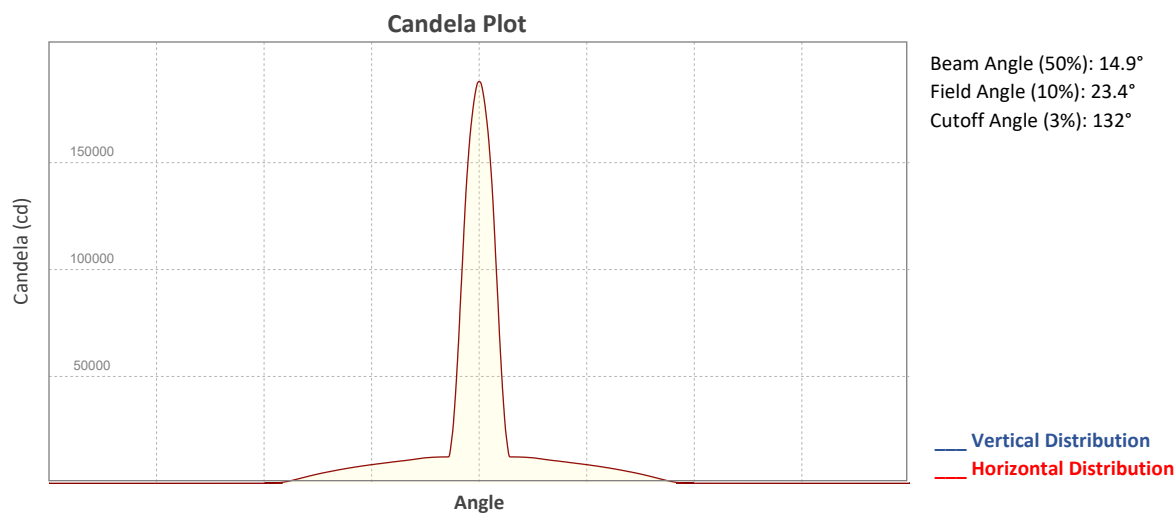


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	187694	46924	20855	11731	7508	5214	3830	2933	2317	1877
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1551	1303	1111	958	834	733	649	579	520	469
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	17437	4359	1937	1090	697	484	356	272	215	174
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	144	121	103	89	77	68	60	54	48	44

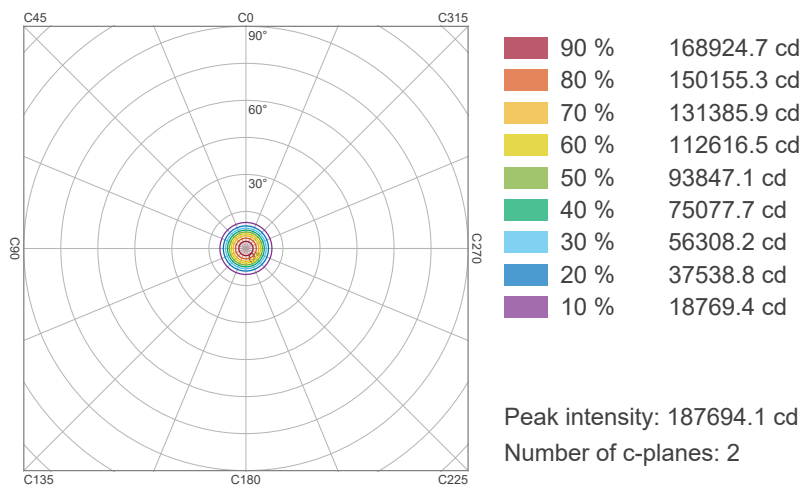
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power

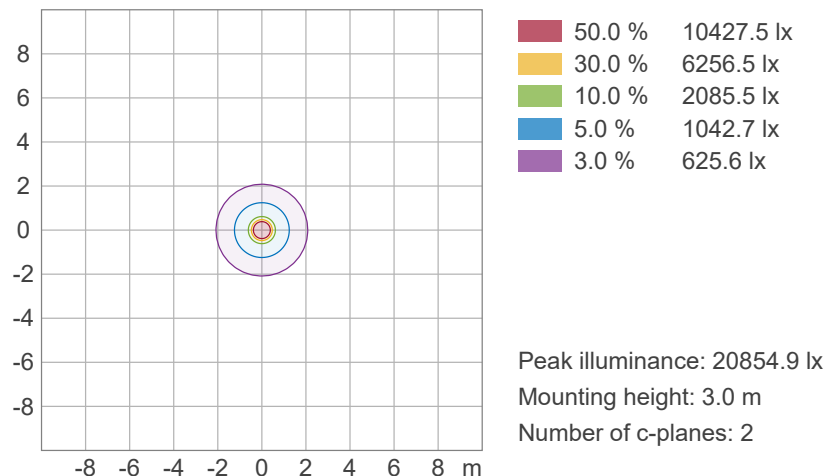


ISO Diagrams

ISO Candela Diagram



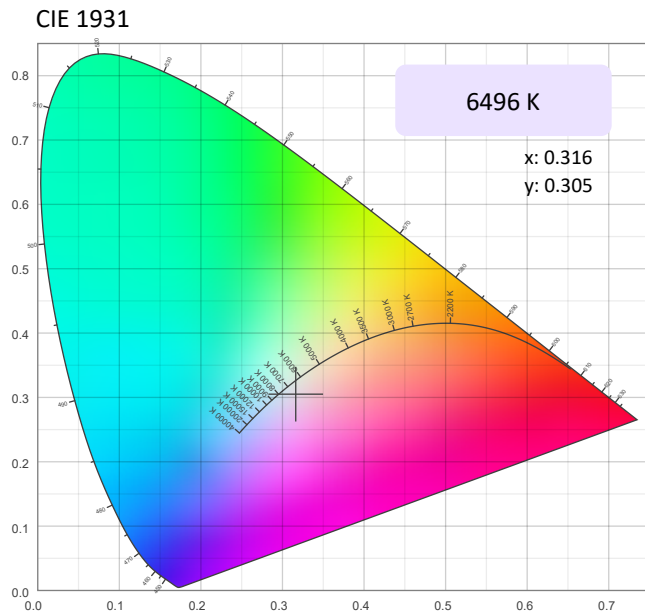
ISO Lux Diagram



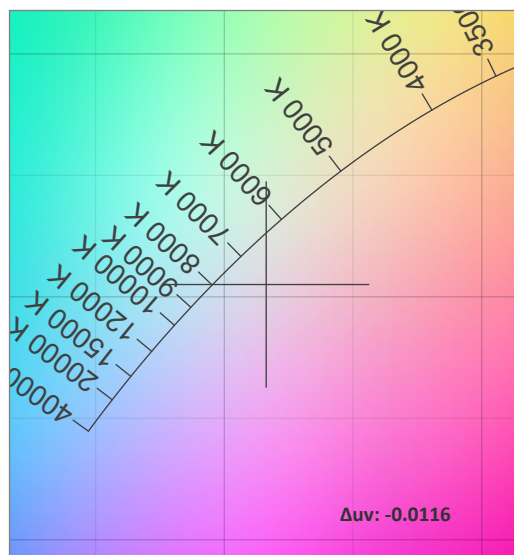
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power

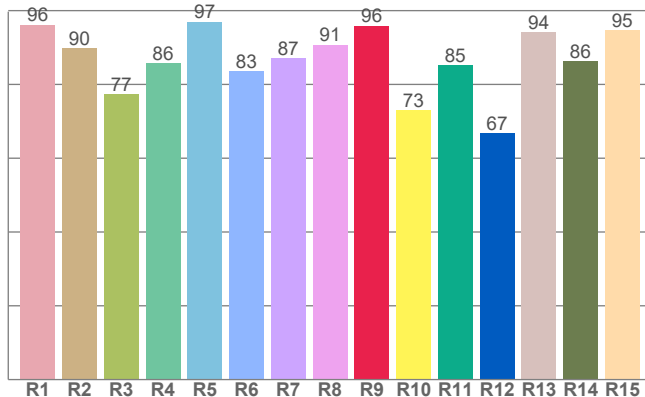
Chromaticity



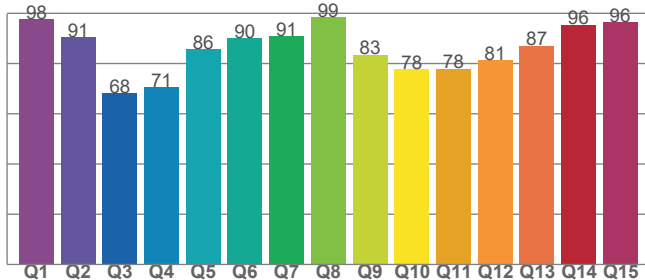
CIE 1931 - Zoom



CRI: 88.4 (R1-R8)



CQS: 83.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6496 K	0.316	0.305

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0116	0.305	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.4	95.9	83.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
84	82.8	106.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power

TM-30 Details

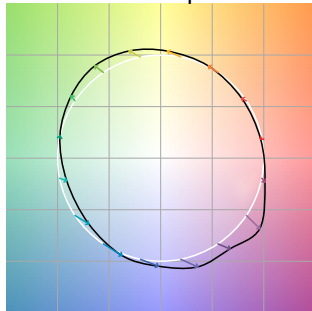
Rf 82.8

Fidelity Index
(Rg)

Rg 106.7

Gammut Index (Rg)

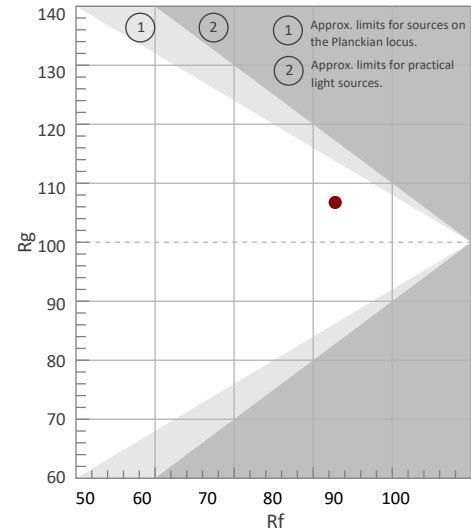
Color Vector Graphic



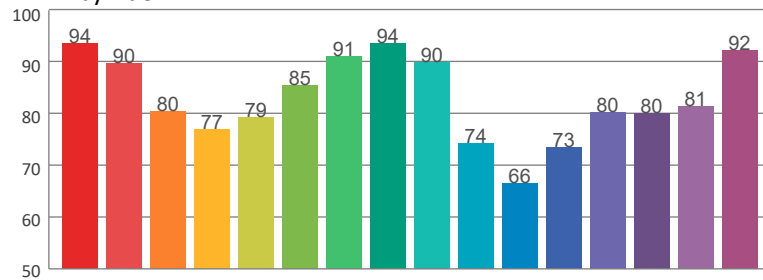
Color Distortion Graphic



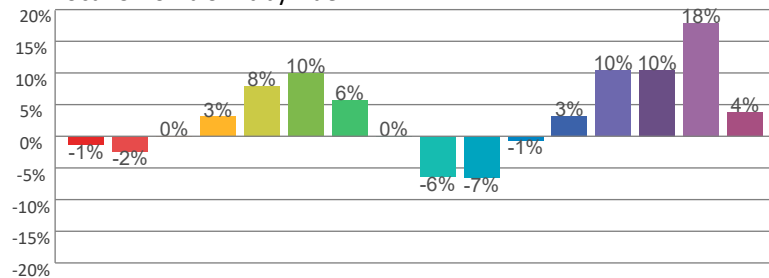
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	94	-1%	-1%
2	90	-2%	5%
3	80	0%	11%
4	77	3%	14%
5	79	8%	10%
6	85	10%	3%
7	91	6%	-2%
8	94	0%	-2%
9	90	-6%	4%
10	74	-7%	14%
11	66	-1%	21%
12	73	3%	18%
13	80	10%	15%
14	80	10%	7%
15	81	18%	-3%
16	92	4%	-3%



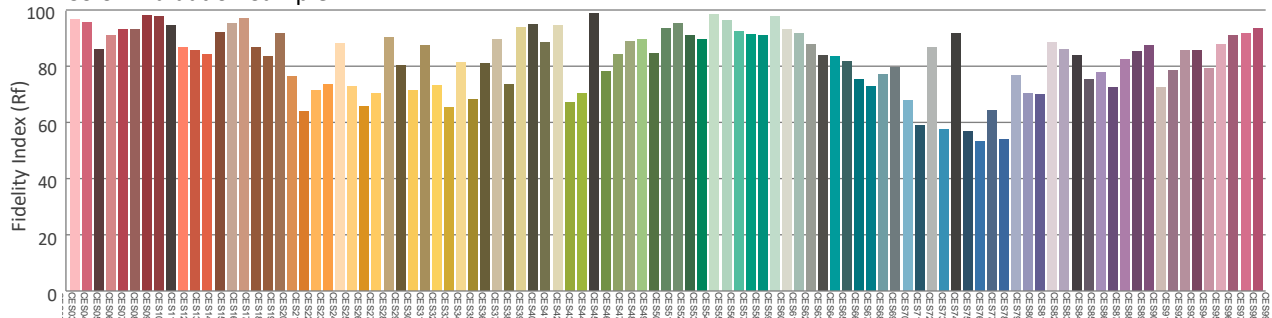
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-ECO

Report Summary

Measurements

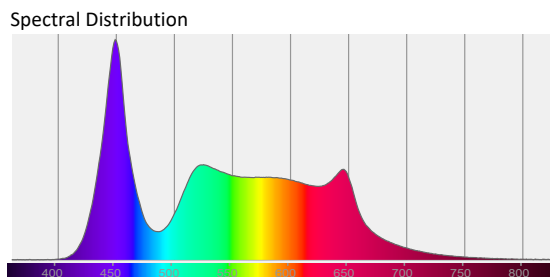
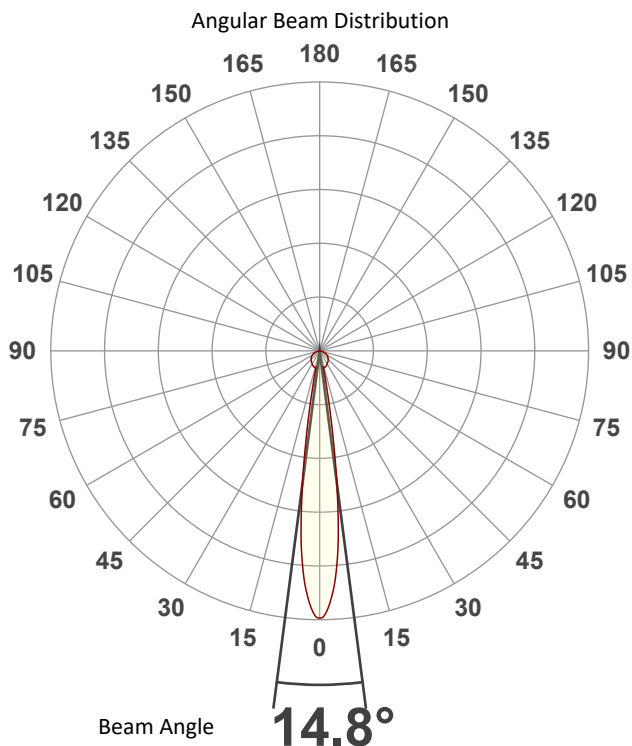
Fixture Output: 46441 lm
Fixture Peak: 191535 cd
Fixture Efficacy: -561042491 lm/W
Intensity @ 5m: 7661 lux
Color Temperature: 6553 K
CRI: 88.3 CRI R9 Value: 93.1
CQS: 83.5
TLCI: 85
TM-30 Rf: 82.8
TM-30 Rg: 106.7
Beam Angle (50%): 14.8°
Field Angle (10%): 23.3°
Cutoff Angle (3%): 131°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

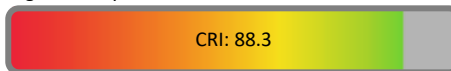
X: 0.316

Y: 0.304



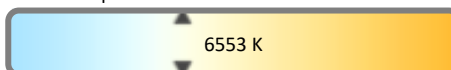
Light Quality

CRI: 88.3



Color Temperature

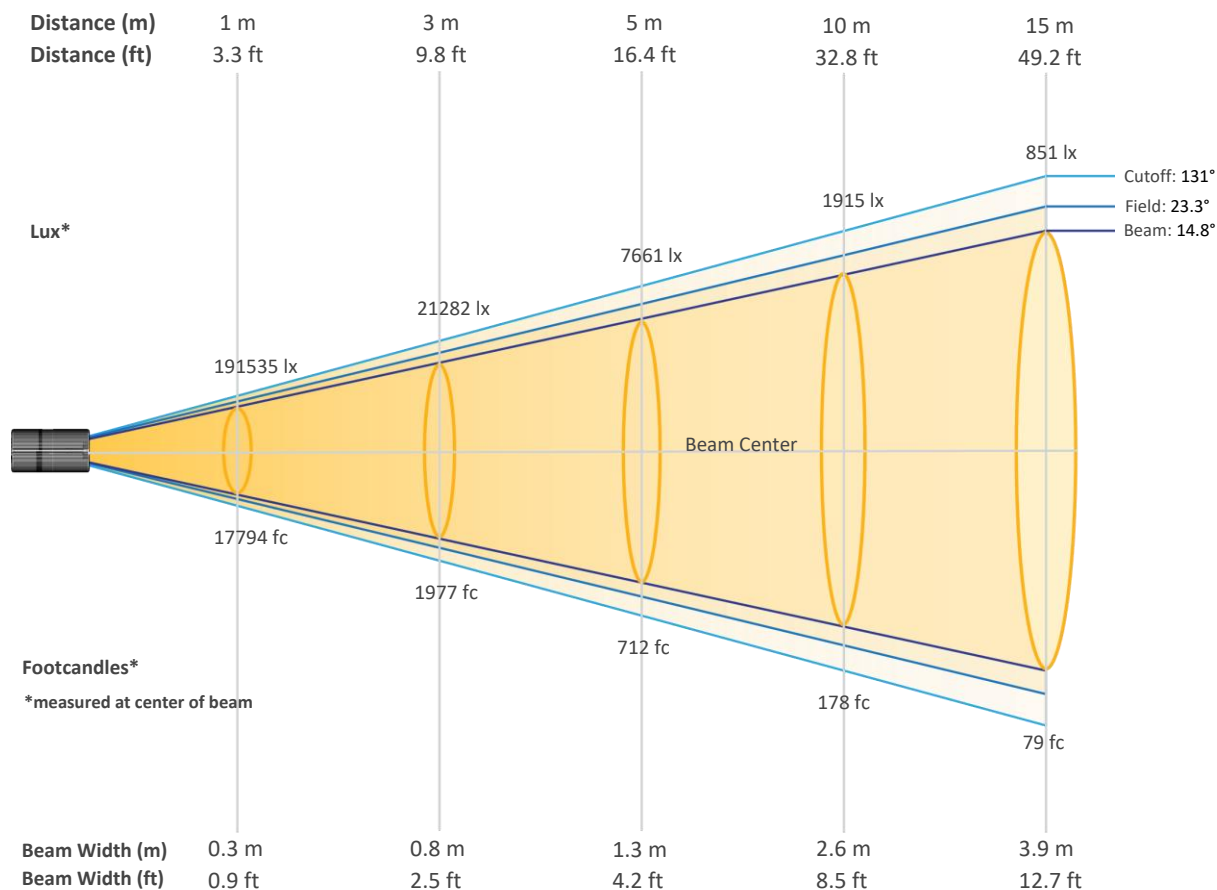
6553 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-ECO

Beam Details

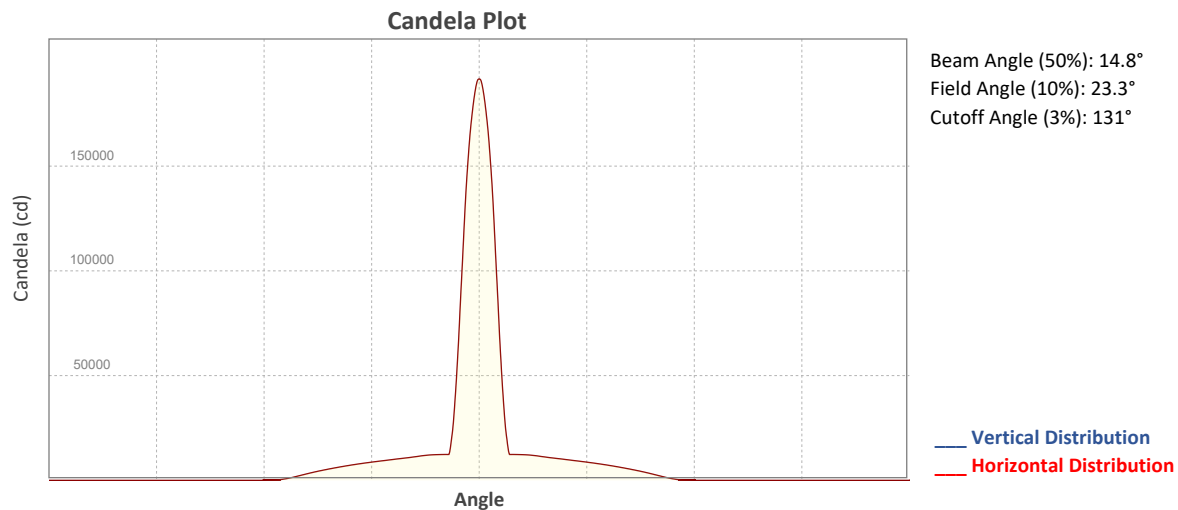


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	191535	47884	21282	11971	7661	5320	3909	2993	2365	1915
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1583	1330	1133	977	851	748	663	591	531	479
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	17794	4449	1977	1112	712	494	363	278	220	178
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	147	124	105	91	79	70	62	55	49	44

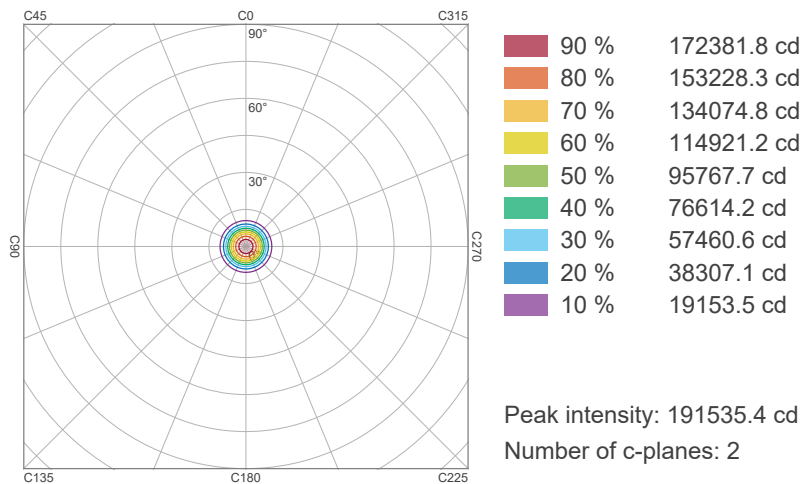
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-ECO

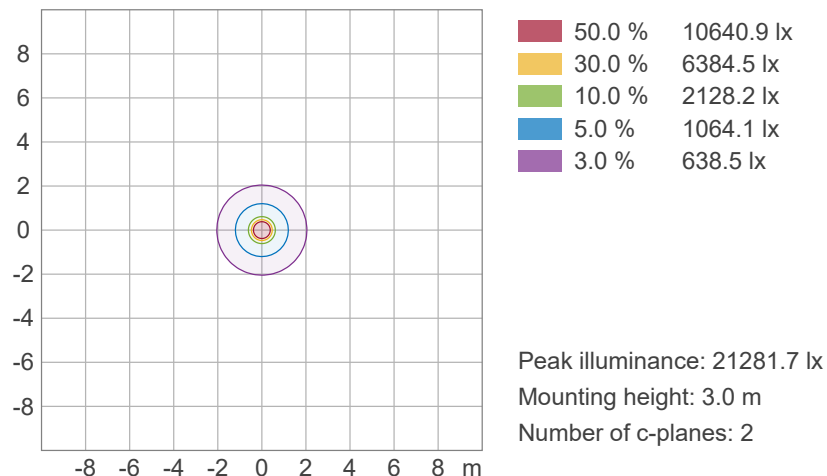


ISO Diagrams

ISO Candela Diagram



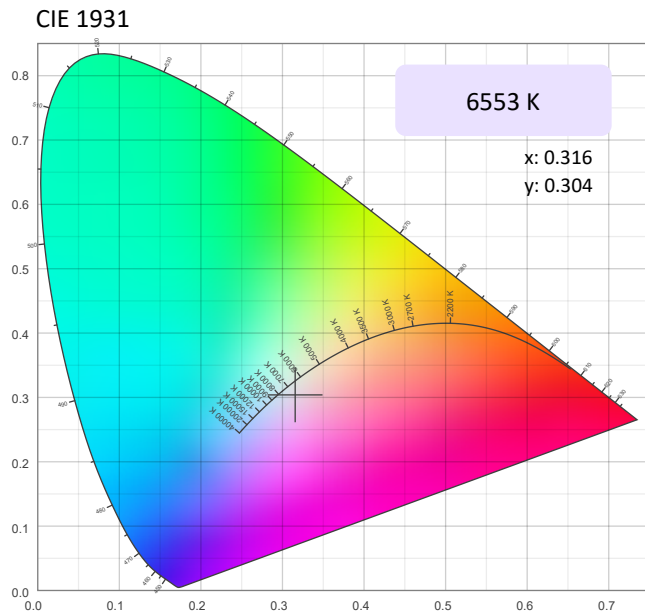
ISO Lux Diagram



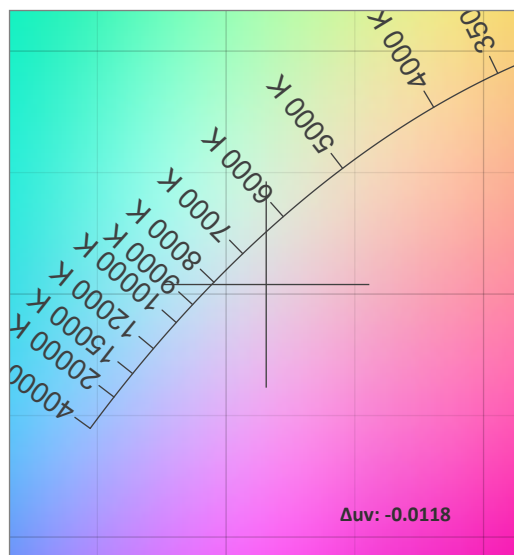
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-ECO

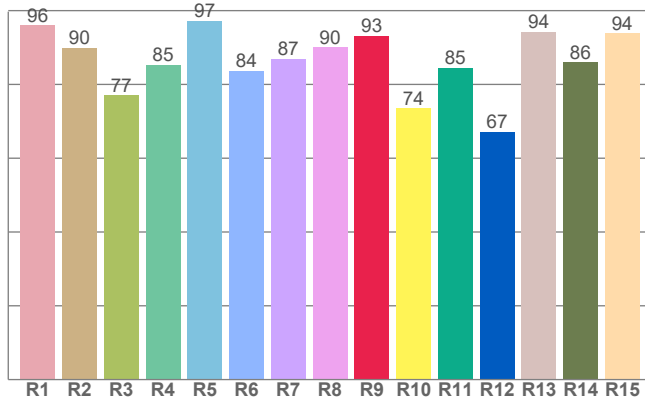
Chromaticity



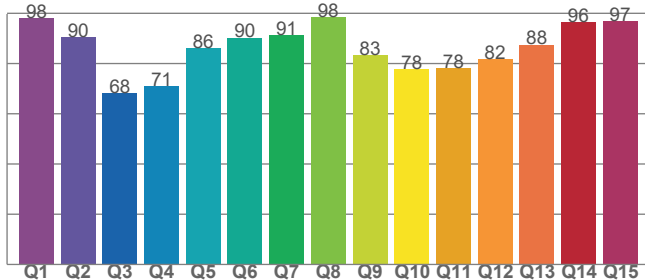
CIE 1931 - Zoom



CRI: 88.3 (R1-R8)



CQS: 83.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6553 K	0.316	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0118	0.304	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.3	93.1	83.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
85	82.8	106.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-ECO

TM-30 Details

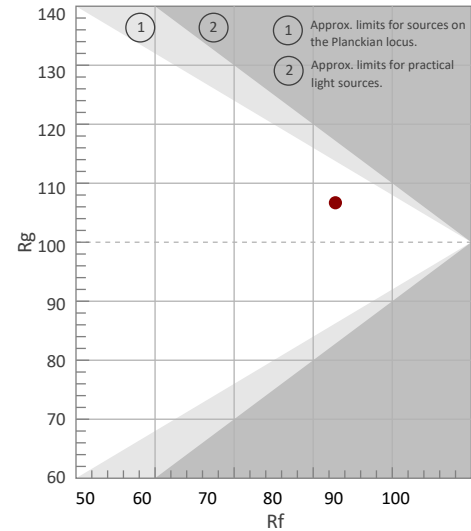
Rf 82.8

Fidelity Index
(Rg)

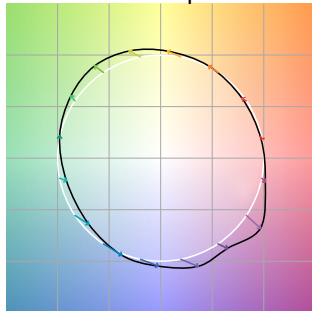
Rg 106.7

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	94	-1%	-1%
2	90	-2%	4%
3	81	0%	11%
4	77	3%	14%
5	79	8%	10%
6	85	10%	4%
7	91	6%	-2%
8	94	0%	-2%
9	90	-6%	4%
10	77	-6%	14%
11	63	-1%	21%
12	73	3%	18%
13	79	10%	15%
14	83	9%	5%
15	81	18%	-3%
16	92	4%	-3%



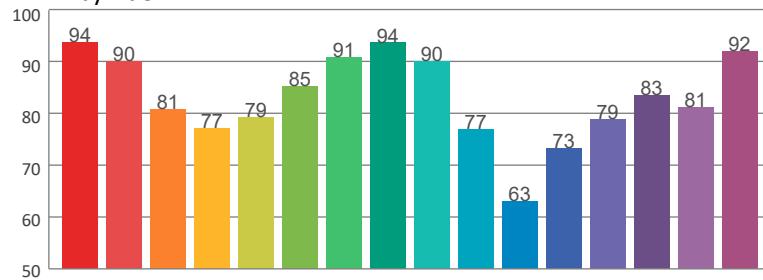
Color Vector Graphic



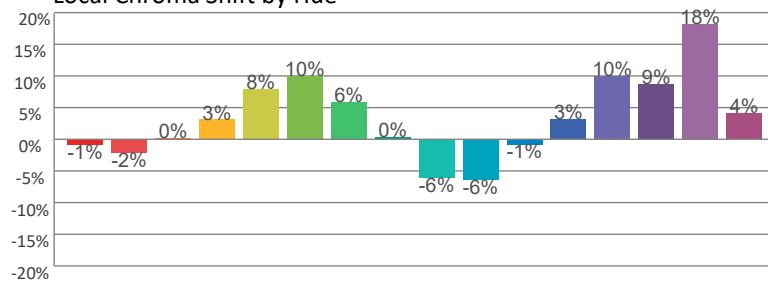
Color Distortion Graphic



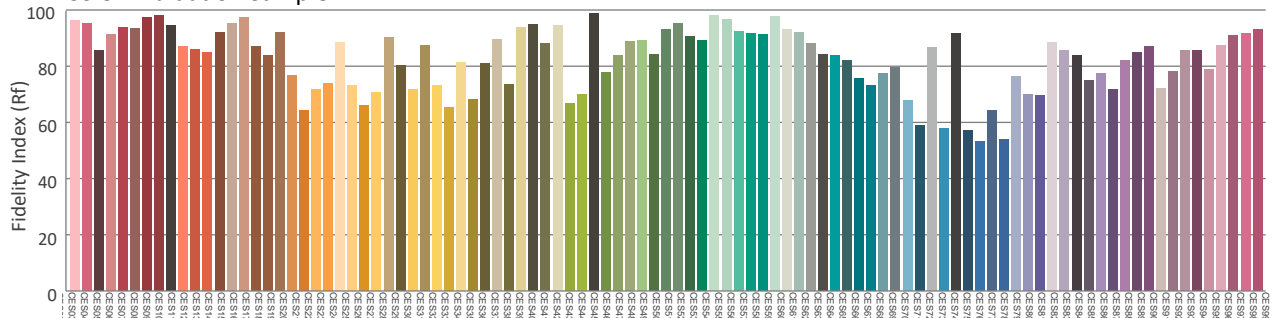
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Auto

Report Summary

Measurements

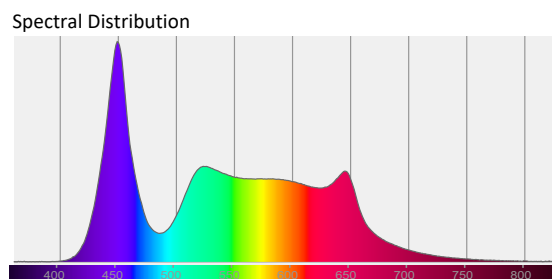
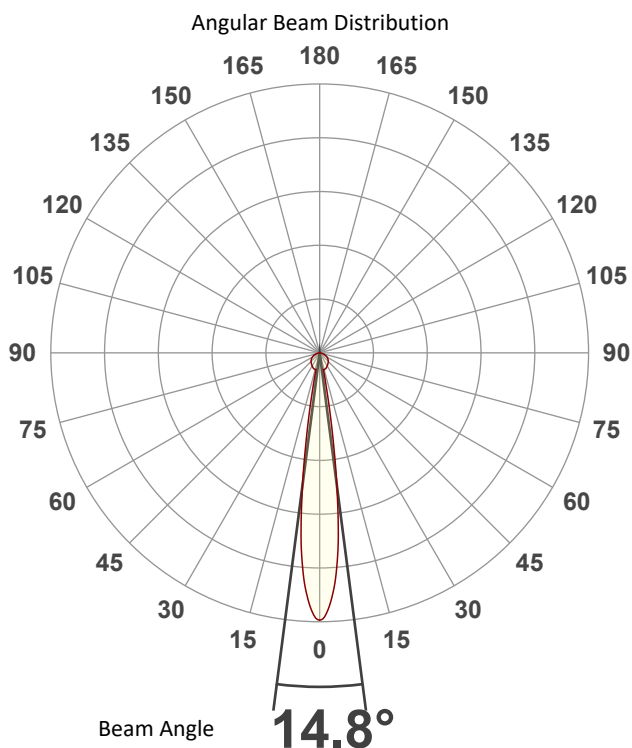
Fixture Output: 46823 lm
Fixture Peak: 191631 cd
Fixture Efficacy: -670284789 lm/W
Intensity @ 5m: 7665 lux
Color Temperature: 6566 K
CRI: 88.4 CRI R9 Value: 93.2
CQS: 83.6
TLCI: 85
TM-30 Rf: 82.9
TM-30 Rg: 106.6
Beam Angle (50%): 14.8°
Field Angle (10%): 23.3°
Cutoff Angle (3%): 131.1°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.304



Light Quality

CRI: 88.4

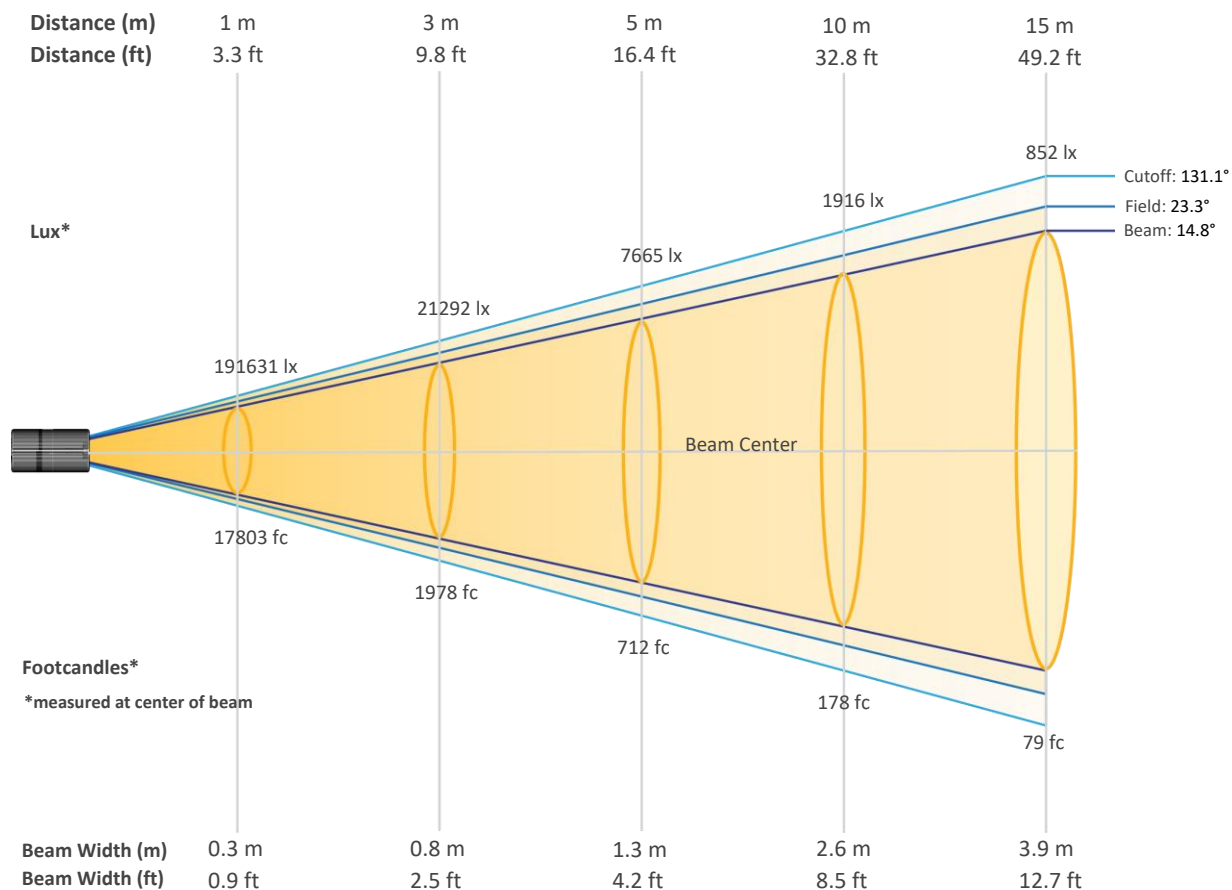
Color Temperature

6566 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Auto

Beam Details

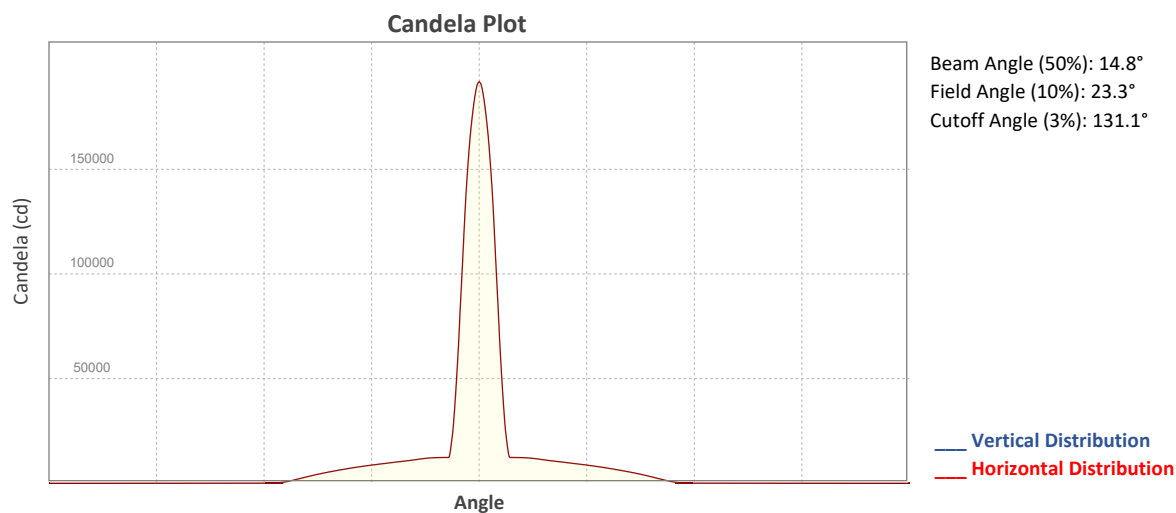


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	191631	47908	21292	11977	7665	5323	3911	2994	2366	1916
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1584	1331	1134	978	852	749	663	591	531	479
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	17803	4451	1978	1113	712	495	363	278	220	178
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	147	124	105	91	79	70	62	55	49	45

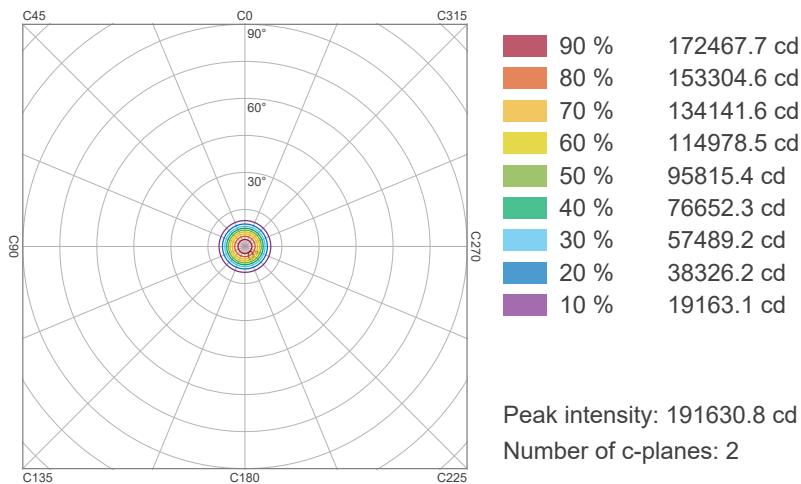
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Auto

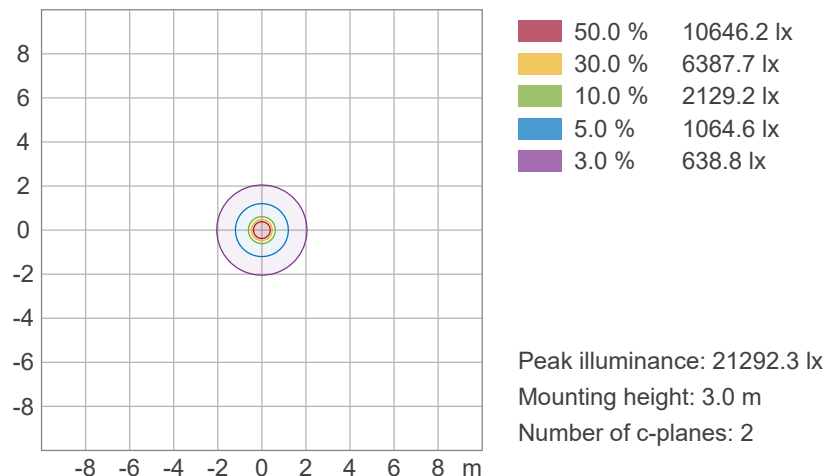


ISO Diagrams

ISO Candela Diagram



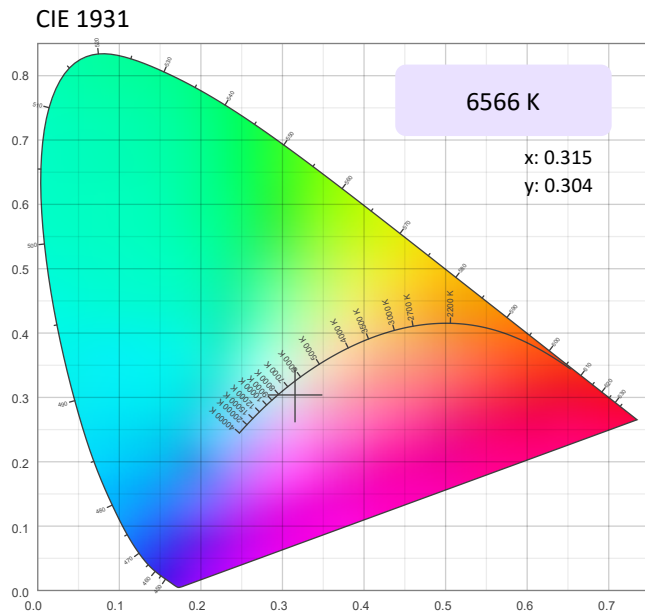
ISO Lux Diagram



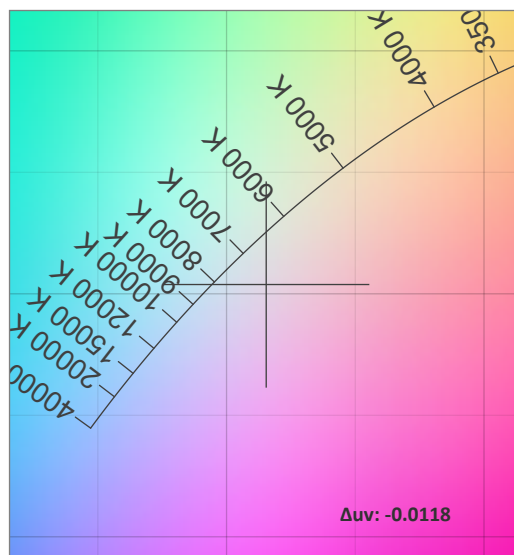
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Auto

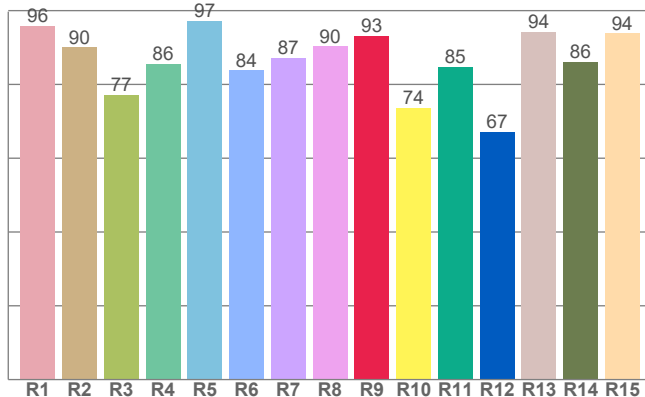
Chromaticity



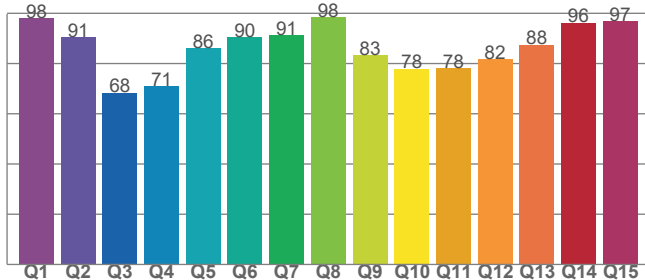
CIE 1931 - Zoom



CRI: 88.4 (R1-R8)



CQS: 83.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6566 K	0.315	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0118	0.304	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.4	93.2	83.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
85	82.9	106.6

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Auto

TM-30 Details

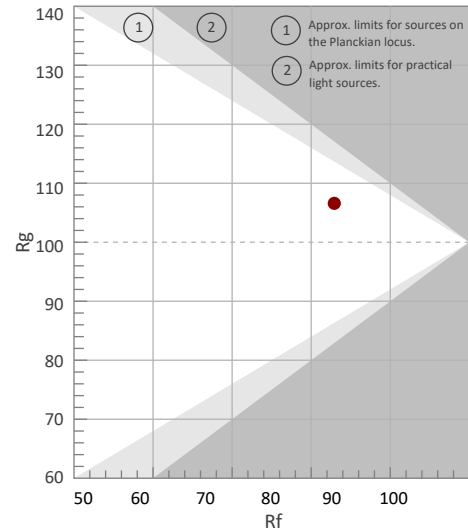
Rf 82.9

Fidelity Index
(Rg)

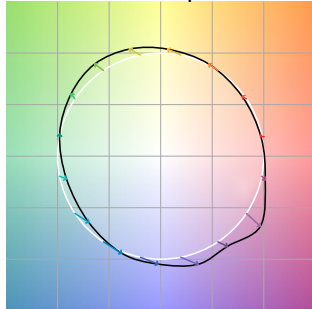
Rg 106.6

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	94	-1%	-1%
2	90	-2%	4%
3	81	0%	11%
4	77	3%	14%
5	79	8%	10%
6	85	10%	4%
7	91	6%	-2%
8	94	0%	-2%
9	90	-6%	4%
10	77	-6%	15%
11	63	-1%	21%
12	73	3%	18%
13	79	10%	15%
14	84	9%	5%
15	81	18%	-3%
16	92	4%	-3%



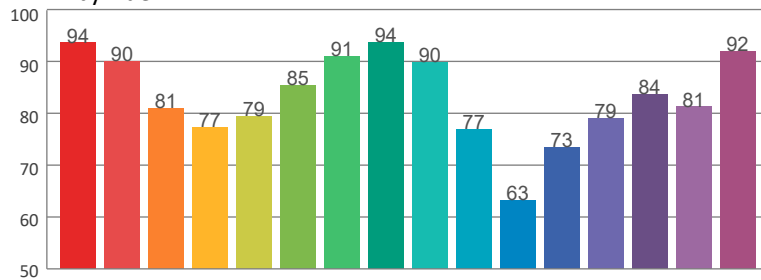
Color Vector Graphic



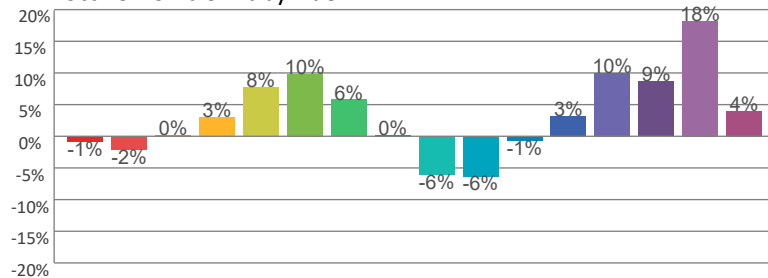
Color Distortion Graphic



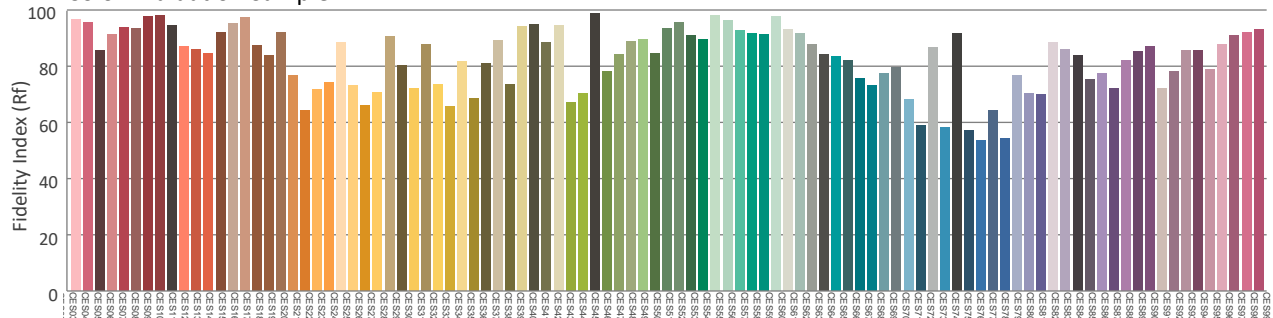
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Cali On

Report Summary

Measurements

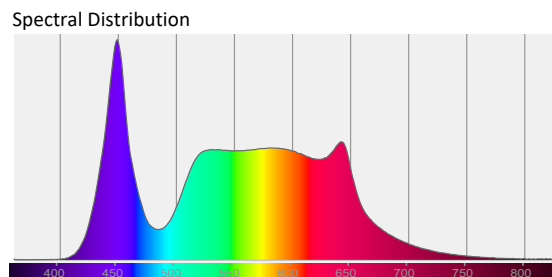
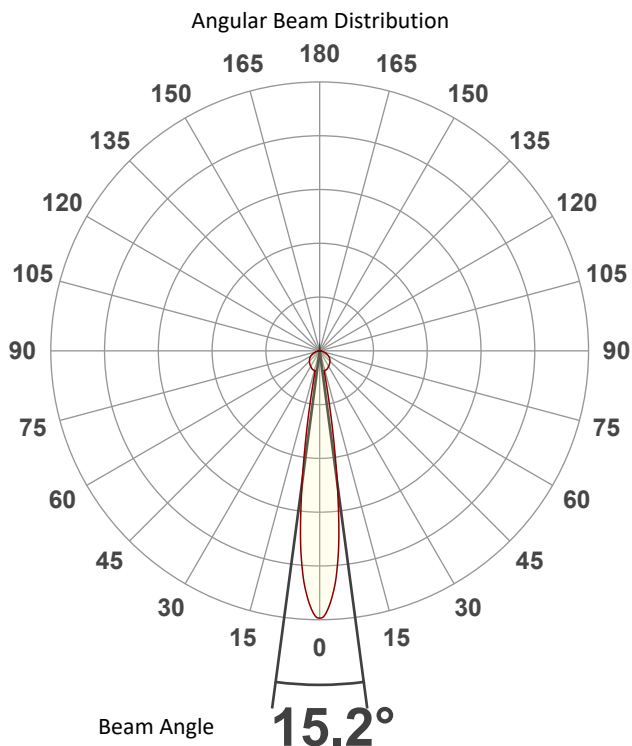
Fixture Output: 44627 lm
Fixture Peak: 158254 cd
Fixture Efficacy: -637143526 lm/W
Intensity @ 5m: 6330 lux
Color Temperature: 5081 K
CRI: 87.3 CRI R9 Value: 71.0
CQS: 81.9
TLCI: 78
TM-30 Rf: 81.9
TM-30 Rg: 105.3
Beam Angle (50%): 15.2°
Field Angle (10%): 24°
Cutoff Angle (3%): 137.6°

Conditions

AC Supply: 111 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.342

Y: 0.332



Light Quality

CRI: 87.3

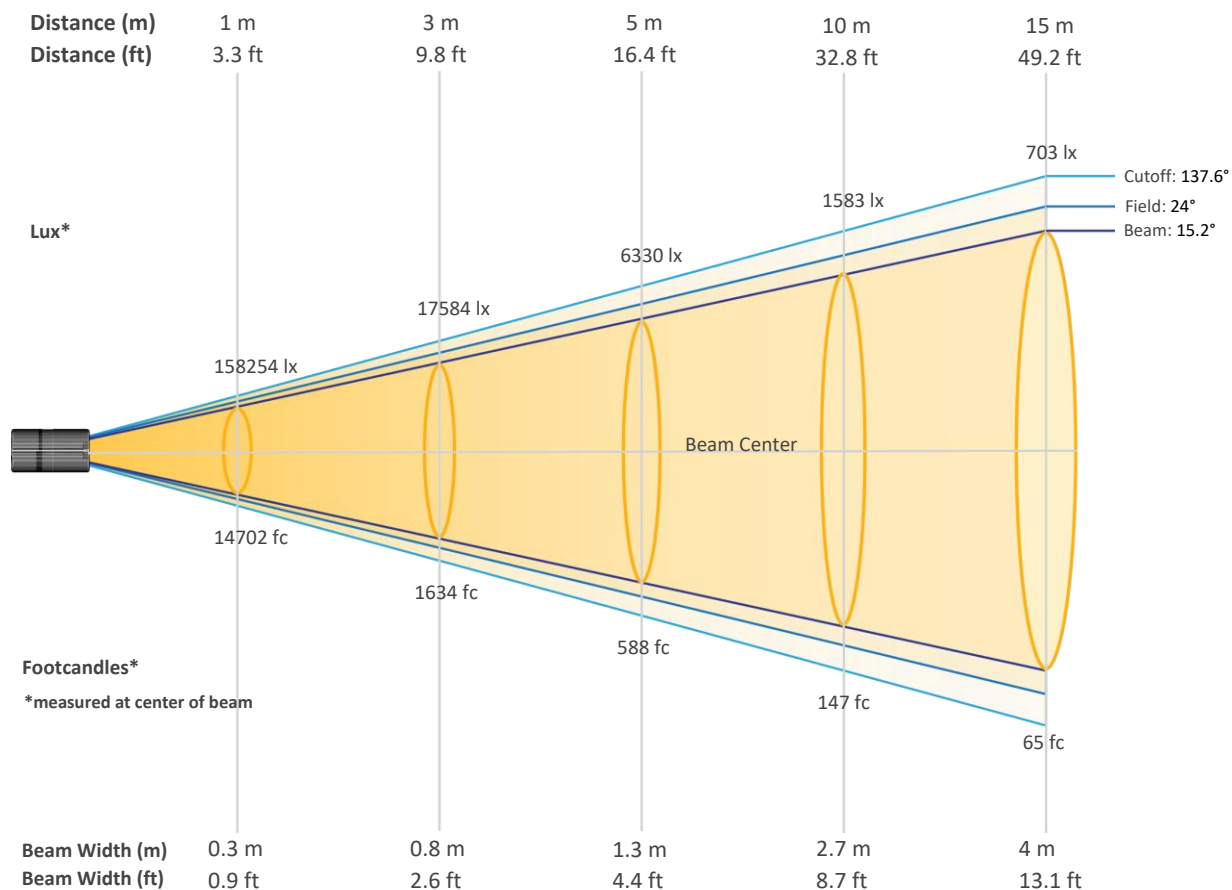
Color Temperature

5081 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Cali On

Beam Details

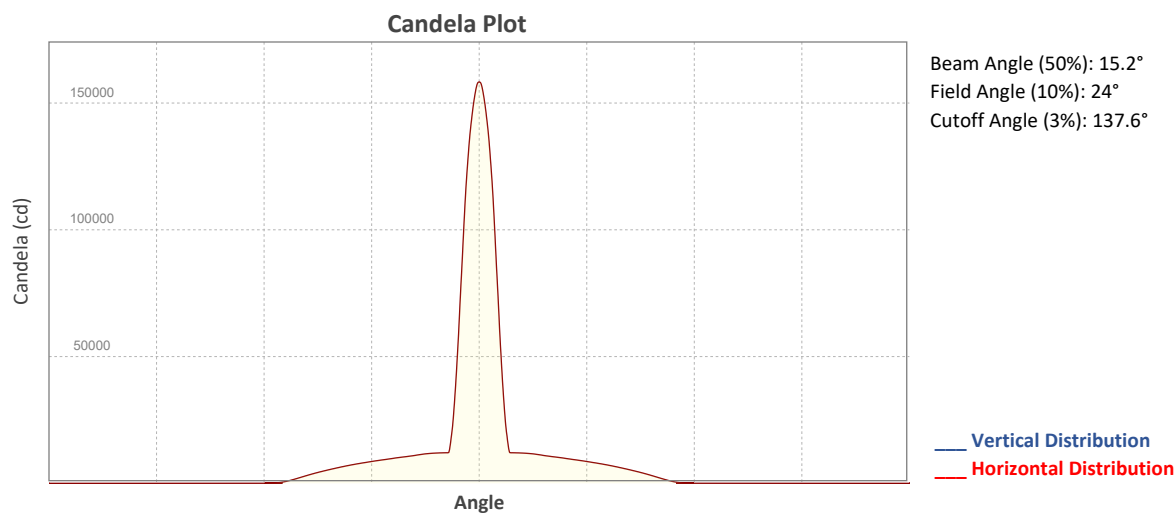


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	158254	39564	17584	9891	6330	4396	3230	2473	1954	1583
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1308	1099	936	807	703	618	548	488	438	396
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14702	3676	1634	919	588	408	300	230	182	147
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	122	102	87	75	65	57	51	45	41	37

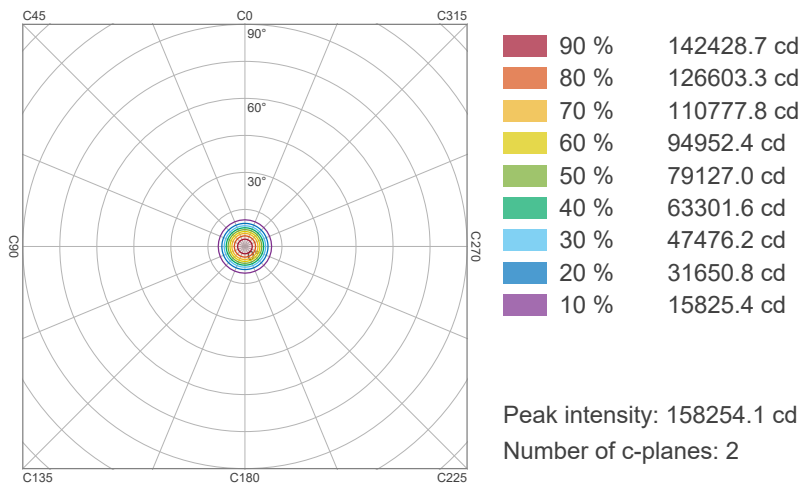
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Cali On

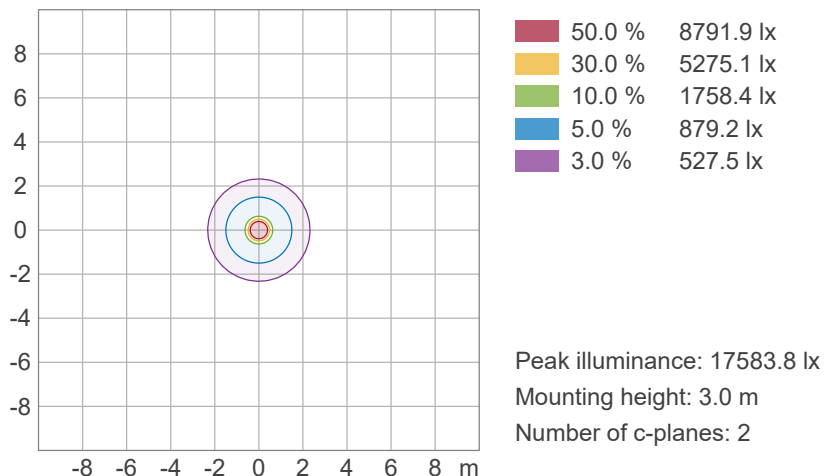


ISO Diagrams

ISO Candela Diagram



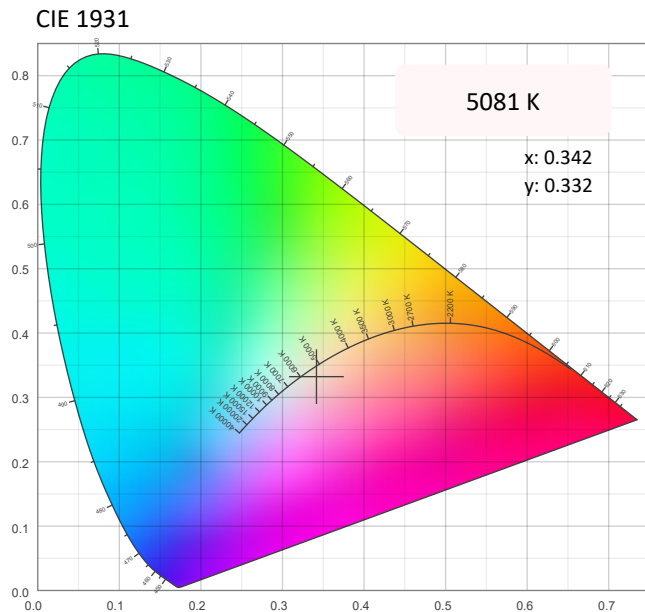
ISO Lux Diagram



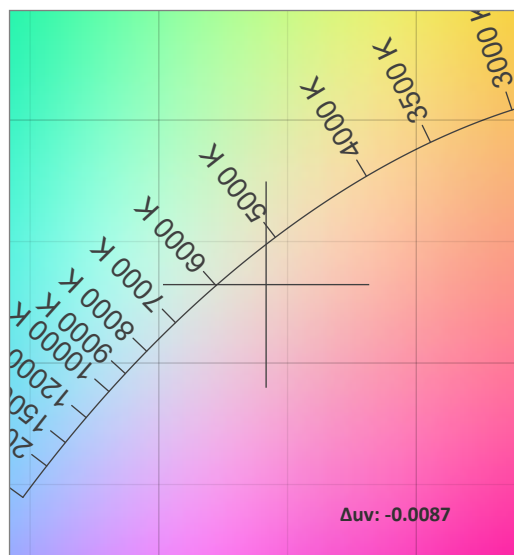
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Cali On

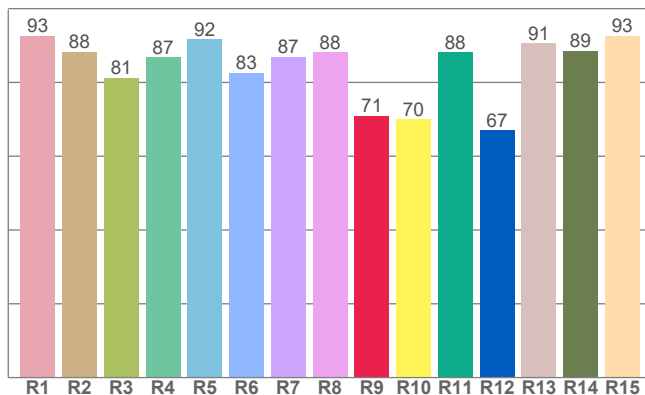
Chromaticity



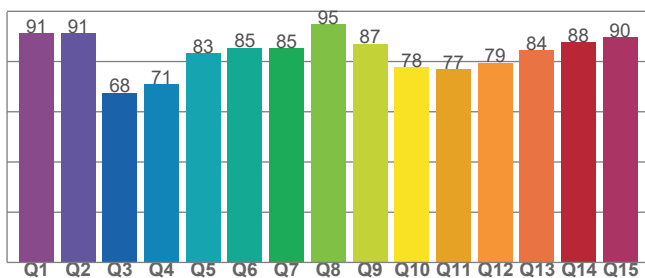
CIE 1931 - Zoom



CRI: 87.3 (R1-R8)



CQS: 81.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5081 K	0.342	0.332

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0087	0.332	0.217

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.3	71.0	81.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
78	81.9	105.3

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Cali On

TM-30 Details

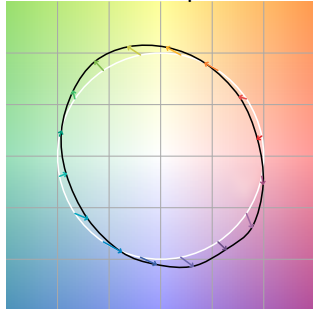
Rf 81.9

Fidelity Index
(Rg)

Rg 105.3

Gamut Index (Rg)

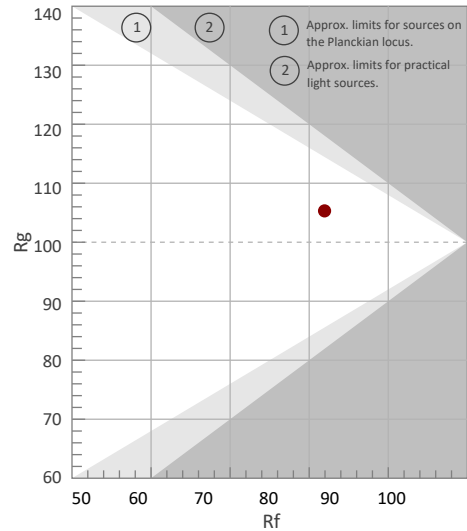
Color Vector Graphic



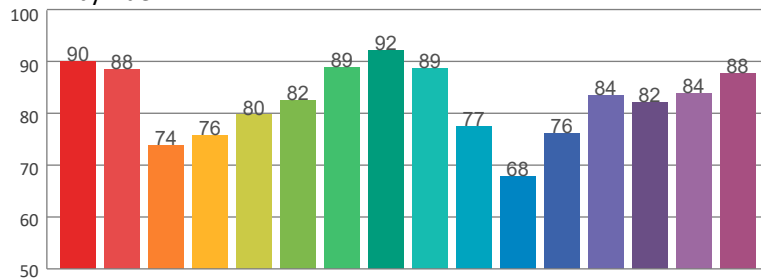
Color Distortion Graphic



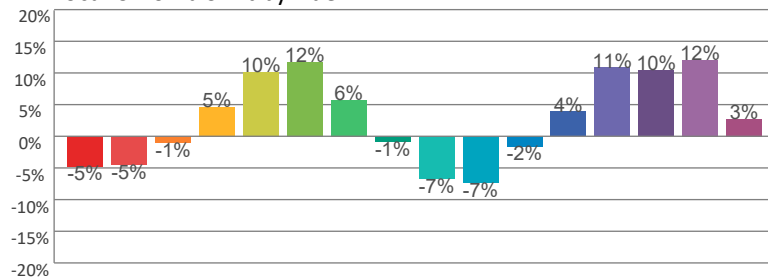
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	90	-5%	-2%
2	88	-5%	5%
3	74	-1%	14%
4	76	5%	15%
5	80	10%	10%
6	82	12%	2%
7	89	6%	-5%
8	92	-1%	-5%
9	89	-7%	-1%
10	77	-7%	11%
11	68	-2%	20%
12	76	4%	16%
13	84	11%	10%
14	82	10%	2%
15	84	12%	-8%
16	88	3%	-7%



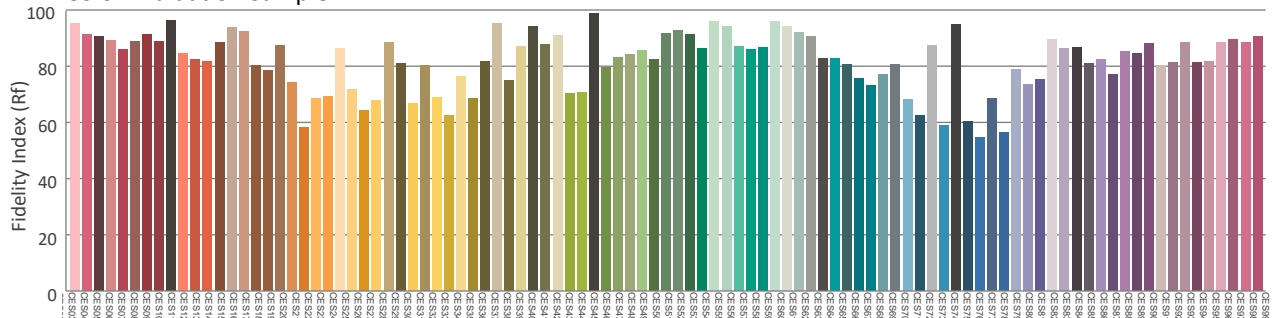
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Stable

Report Summary

Measurements

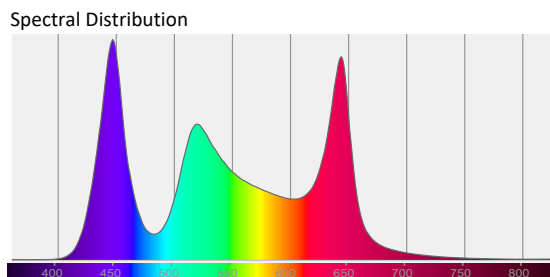
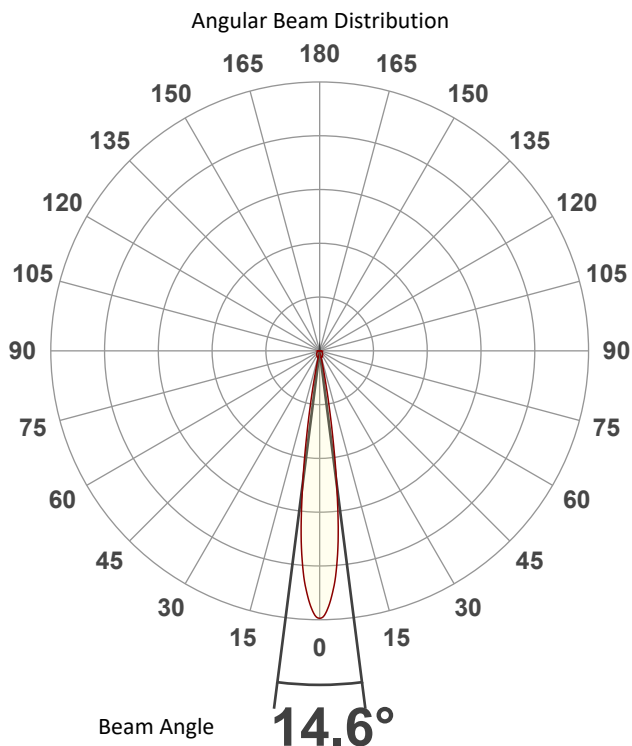
Fixture Output: 18412 lm
Fixture Peak: 149688 cd
Fixture Efficacy: -247655409 lm/W
Intensity @ 5m: 5988 lux
Color Temperature: 6668 K
CRI: 76.4 CRI R9 Value: -9.5
CQS: 87.7
TLCI: 73
TM-30 Rf: 80.8
TM-30 Rg: 115.3
Beam Angle (50%): 14.6°
Field Angle (10%): 22°
Cutoff Angle (3%): 42.7°

Conditions

AC Supply: 113 V, 60 Hz
Power: 0.05 W
Current: 0.000 A
Power Factor: 0.0

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 3/23/2026 to LM-63-2002 Standards.

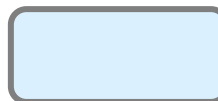
Overall Measurement



Tested Color (CIE 1931):

X: 0.312

Y: 0.313



Light Quality

CRI: 76.4

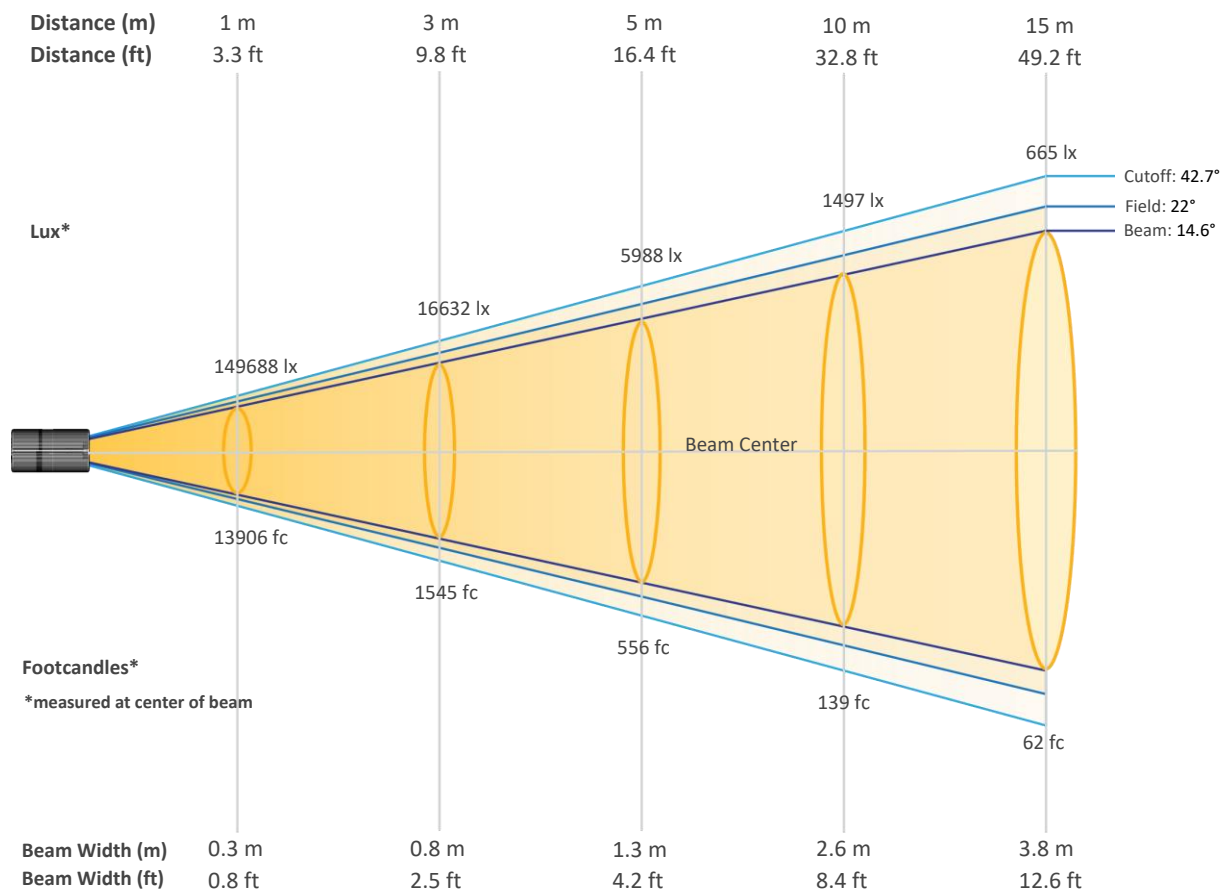
Color Temperature

6668 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Stable

Beam Details

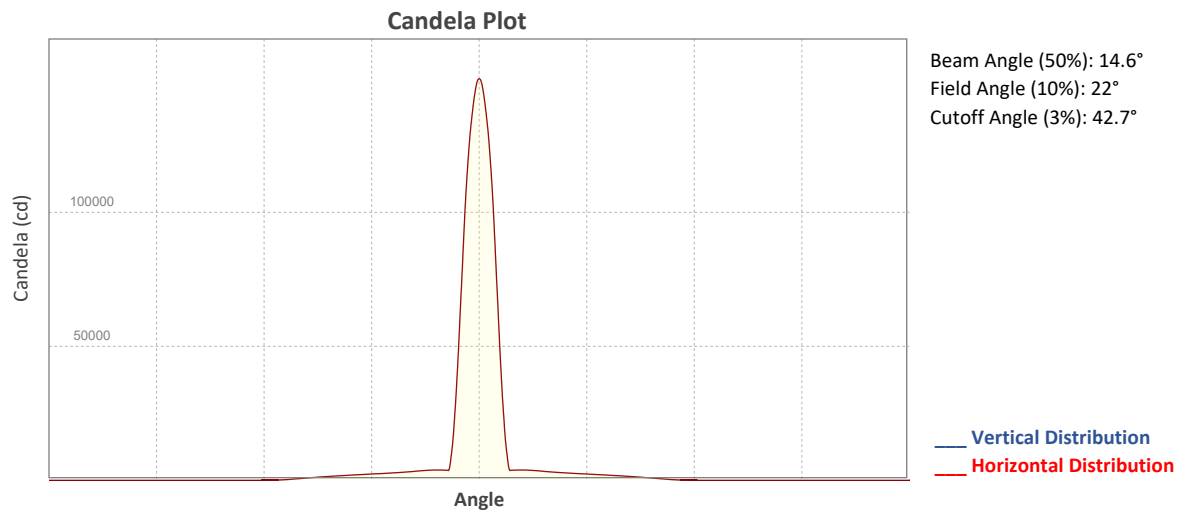


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	149688	37422	16632	9355	5988	4158	3055	2339	1848	1497
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1237	1039	886	764	665	585	518	462	415	374
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	13906	3477	1545	869	556	386	284	217	172	139
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	115	97	82	71	62	54	48	43	39	35

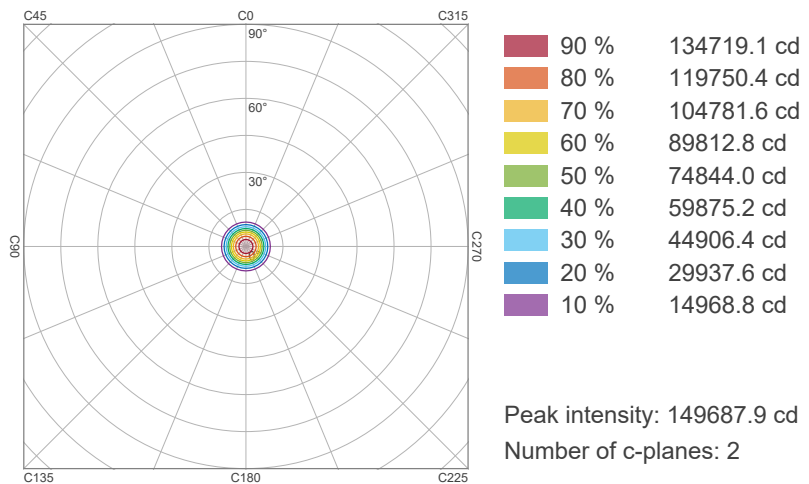
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Stable

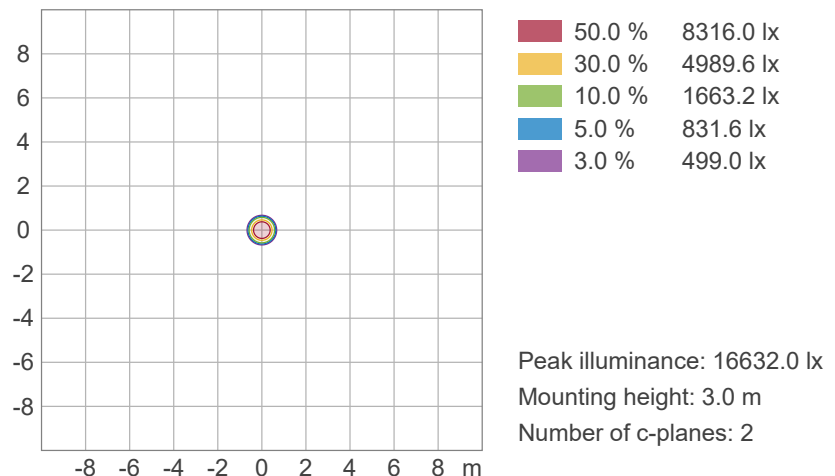


ISO Diagrams

ISO Candela Diagram



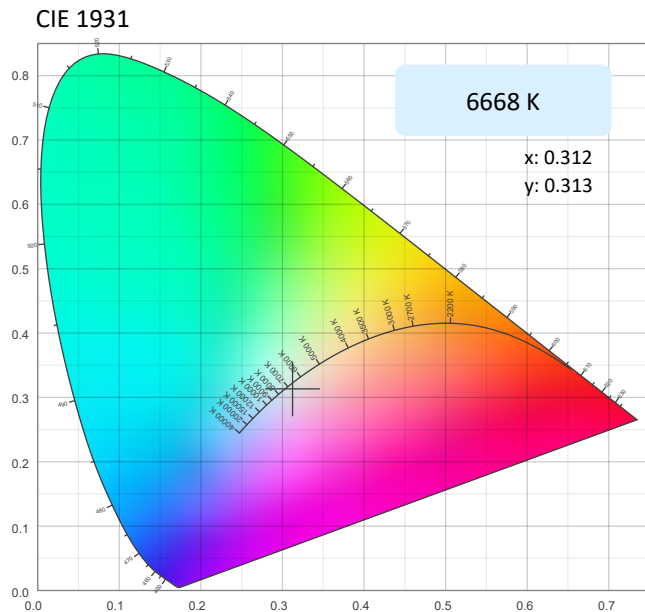
ISO Lux Diagram



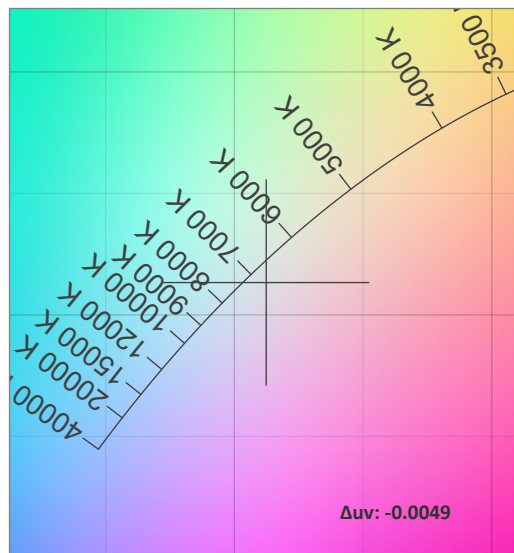
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Stable

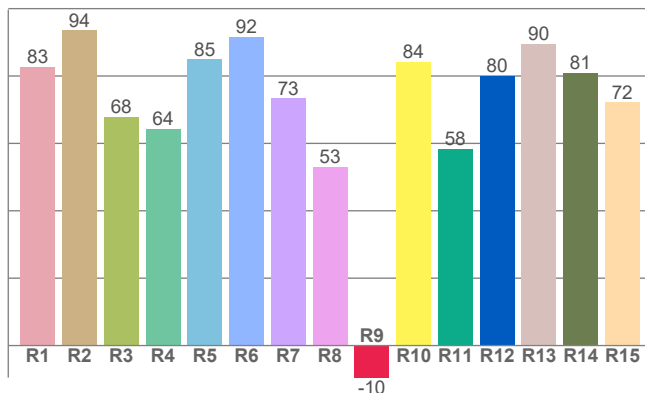
Chromaticity



CIE 1931 - Zoom



CRI: 76.4 (R1-R8)

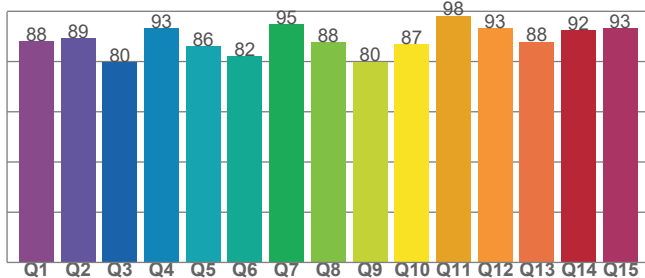


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6668 K	0.312	0.313

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0049	0.313	0.204

CQS: 87.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.4	-9.5	87.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
73	80.8	115.3

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Full Power-Stable

TM-30 Details

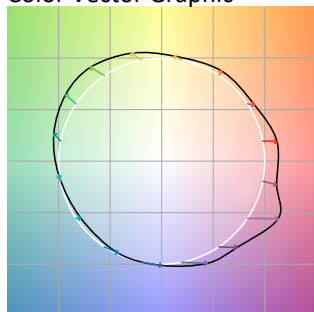
Rf 80.8

Fidelity Index
(Rg)

Rg 115.3

Gammut Index (Rg)

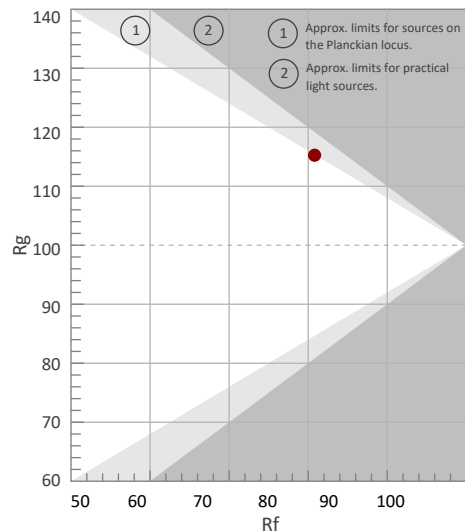
Color Vector Graphic



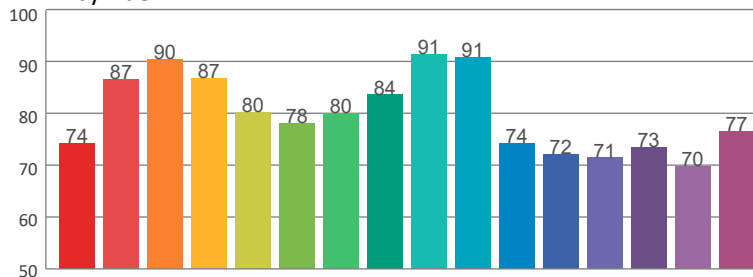
Color Distortion Graphic



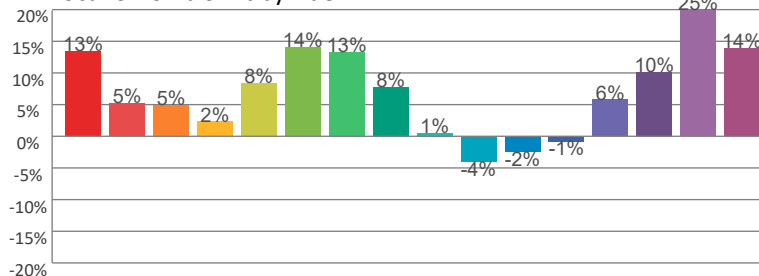
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	74	13%	-3%
2	87	5%	-4%
3	90	5%	0%
4	87	2%	8%
5	80	8%	8%
6	78	14%	7%
7	80	13%	-2%
8	84	8%	-6%
9	91	1%	-6%
10	91	-4%	2%
11	74	-2%	15%
12	72	-1%	20%
13	71	6%	24%
14	73	10%	14%
15	70	25%	16%
16	77	14%	-1%



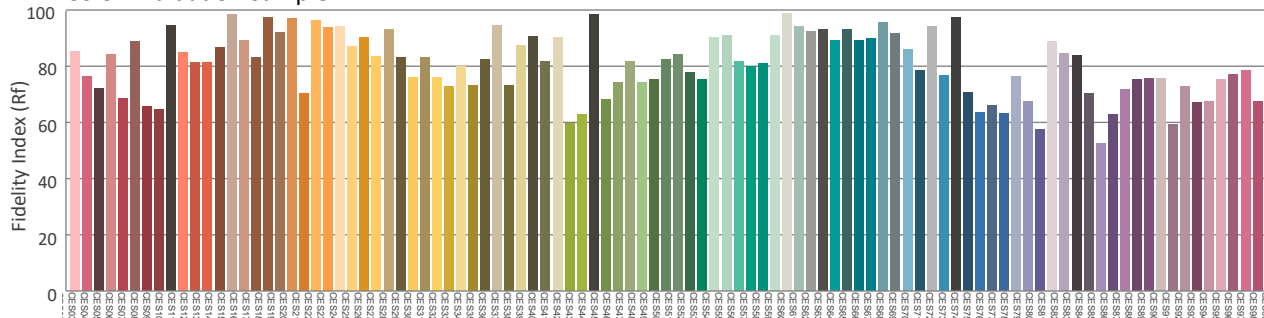
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW

Report Summary

Measurements

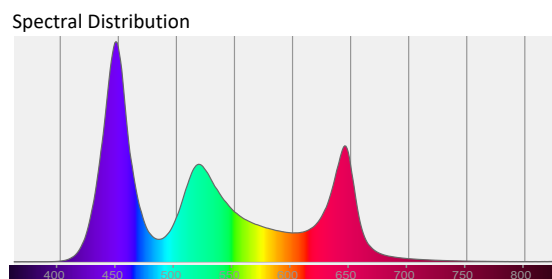
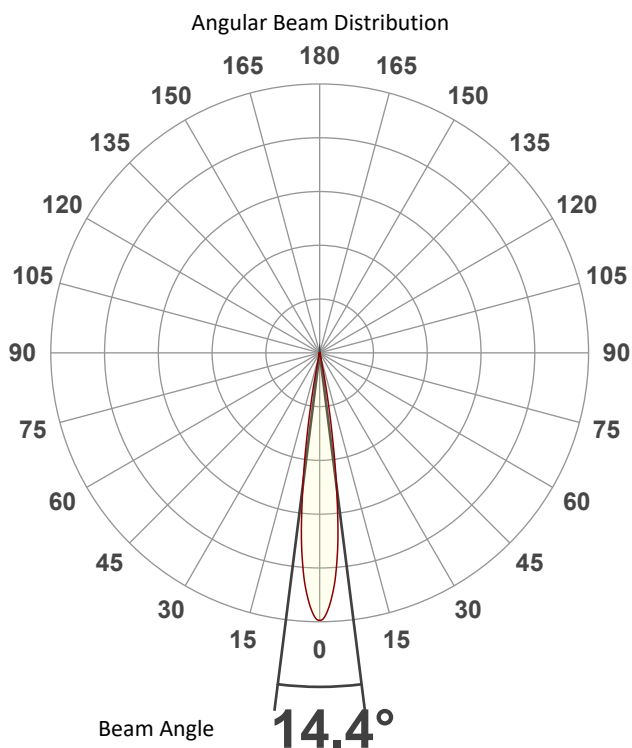
Fixture Output: 11260 lm
Fixture Peak: 181807 cd
Fixture Efficacy: -150464060 lm/W
Intensity @ 5m: 7272 lux
Color Temperature: 21143 K
CRI: 72.9 CRI R9 Value: -58.1
CQS: 86.2
TLCI: 77
TM-30 Rf: 76.8
TM-30 Rg: 115.4
Beam Angle (50%): 14.4°
Field Angle (10%): 21.6°
Cutoff Angle (3%): 24.3°

Conditions

AC Supply: 113 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

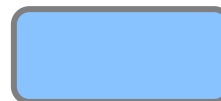
Overall Measurement



Tested Color (CIE 1931):

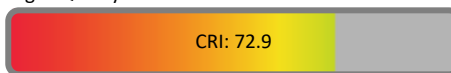
X: 0.261

Y: 0.251



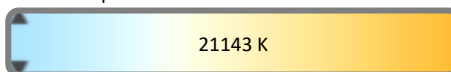
Light Quality

CRI: 72.9



Color Temperature

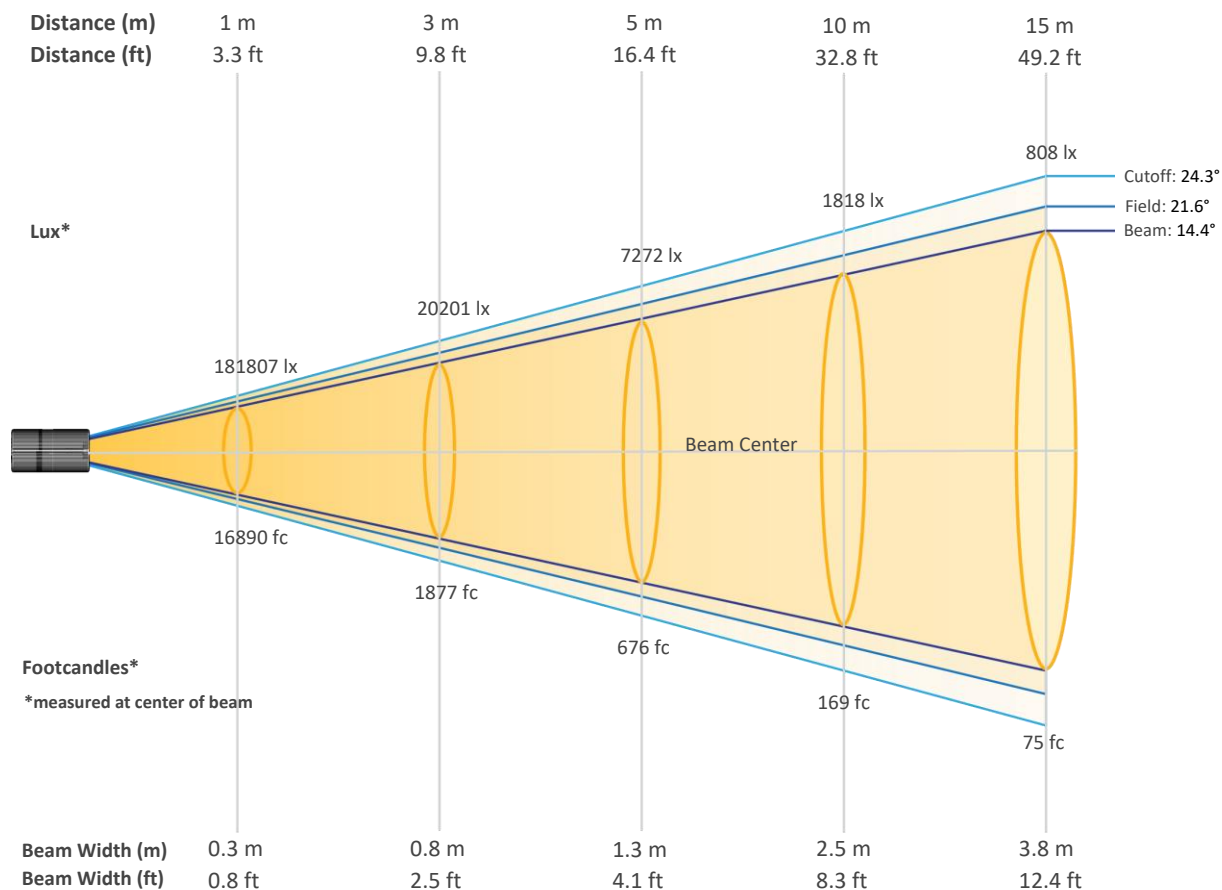
21143 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW

Beam Details

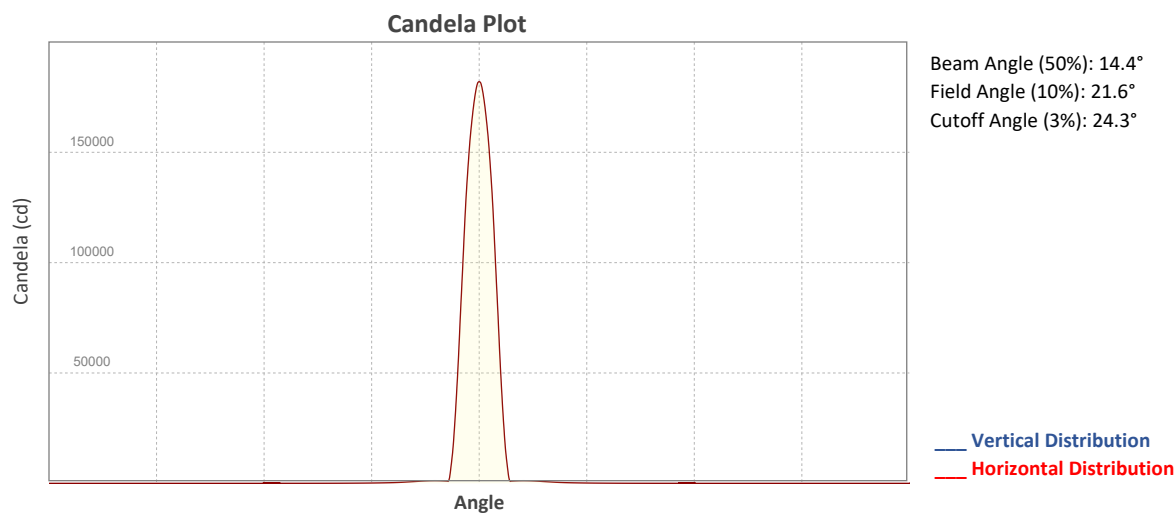


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	181807	45452	20201	11363	7272	5050	3710	2841	2245	1818
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1503	1263	1076	928	808	710	629	561	504	455
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16890	4223	1877	1056	676	469	345	264	209	169
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	140	117	100	86	75	66	58	52	47	42

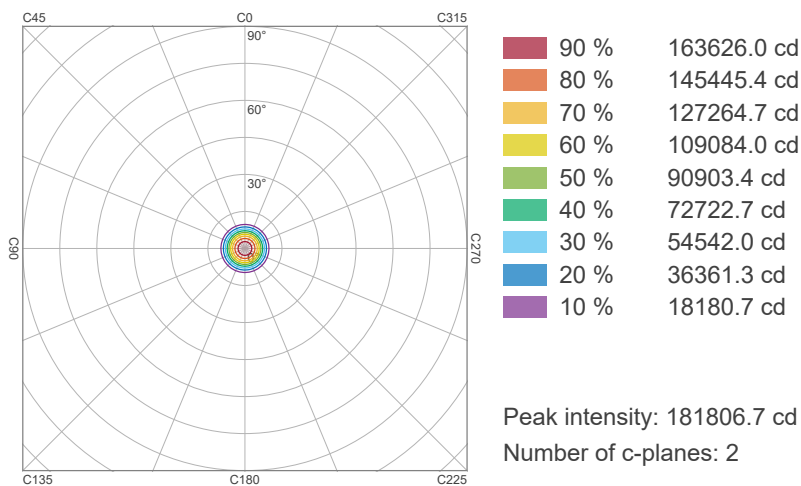
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW

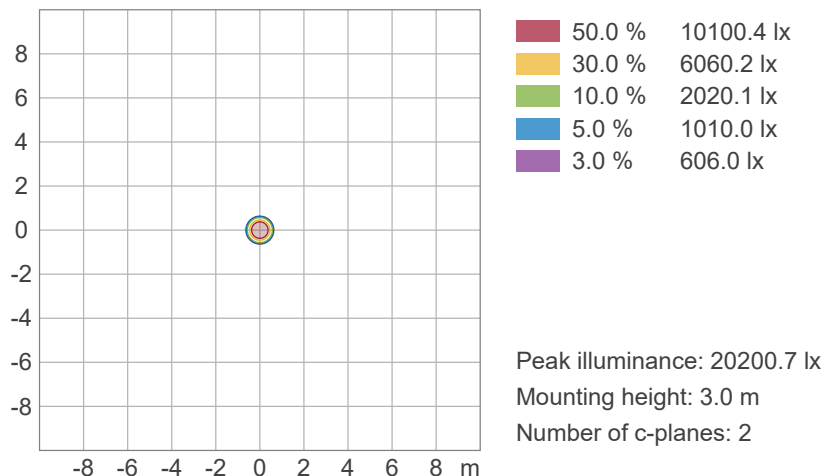


ISO Diagrams

ISO Candela Diagram



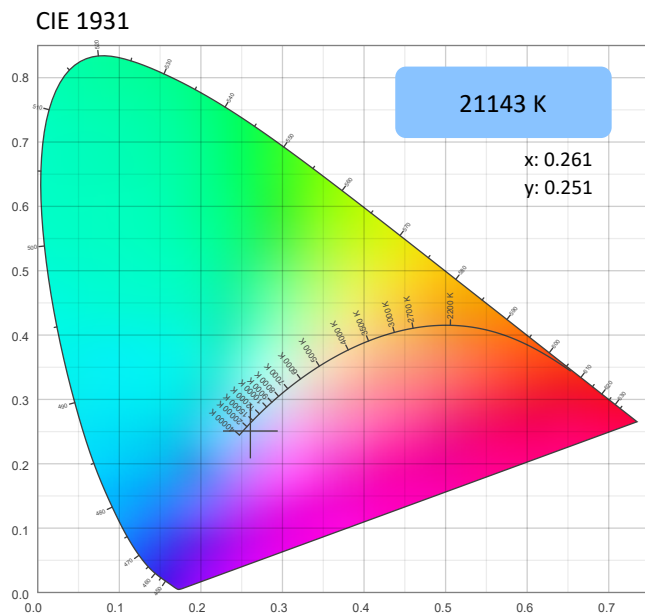
ISO Lux Diagram



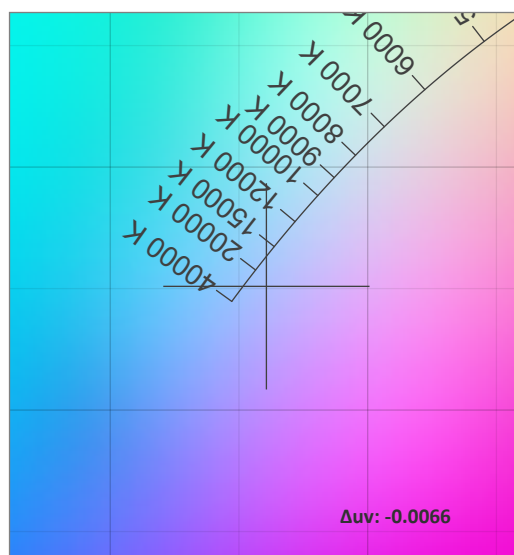
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW

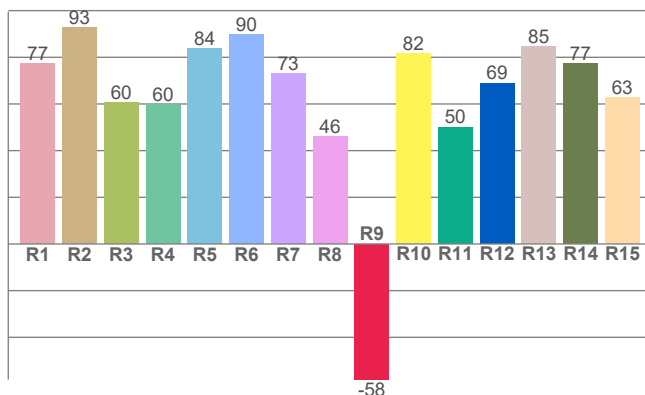
Chromaticity



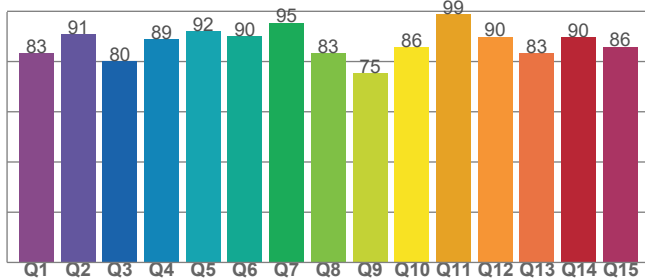
CIE 1931 - Zoom



CRI: 72.9 (R1-R8)



CQS: 86.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
21143 K	0.261	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0066	0.251	0.190

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.9	-58.1	86.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	76.8	115.4

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW

TM-30 Details

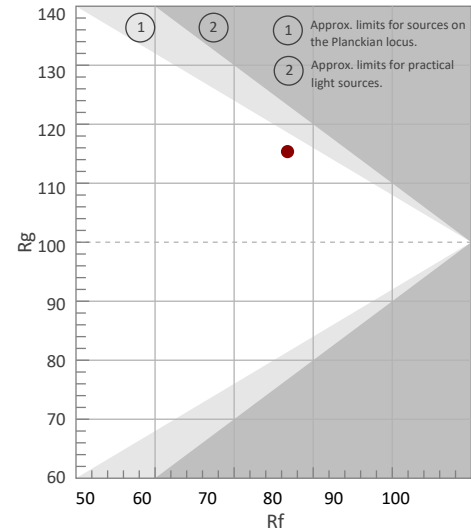
Rf 76.8

Fidelity Index
(Rg)

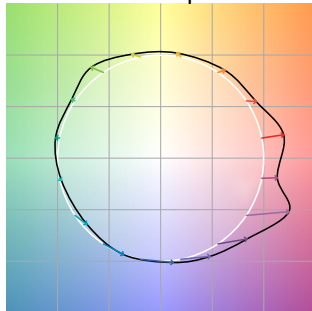
Rg 115.4

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	64	21%	-1%
2	82	8%	-6%
3	87	5%	-4%
4	85	3%	4%
5	81	4%	8%
6	81	11%	7%
7	76	3%	0%
8	90	4%	1%
9	91	-1%	2%
10	84	-5%	13%
11	57	-2%	22%
12	65	-3%	32%
13	58	3%	28%
14	59	12%	26%
15	57	32%	26%
16	71	15%	3%



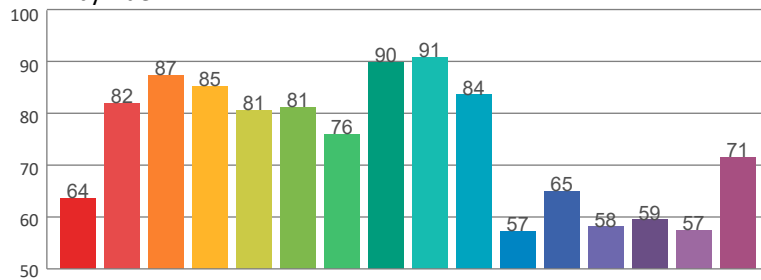
Color Vector Graphic



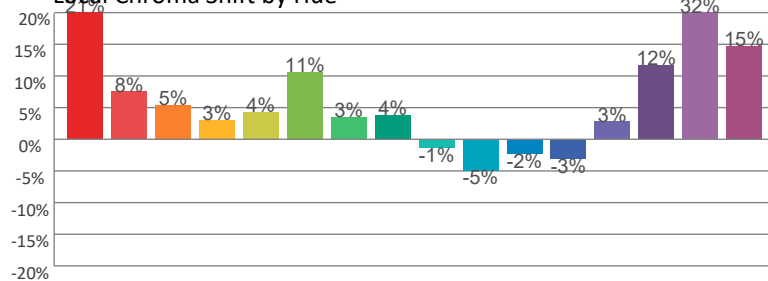
Color Distortion Graphic



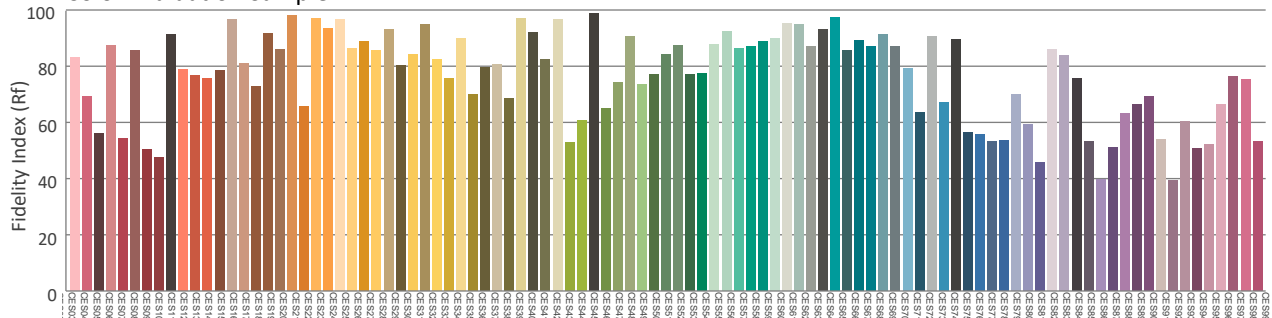
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-ECO

Report Summary

Measurements

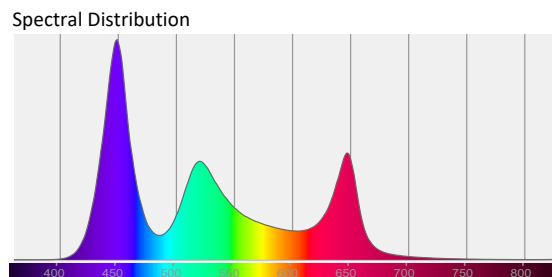
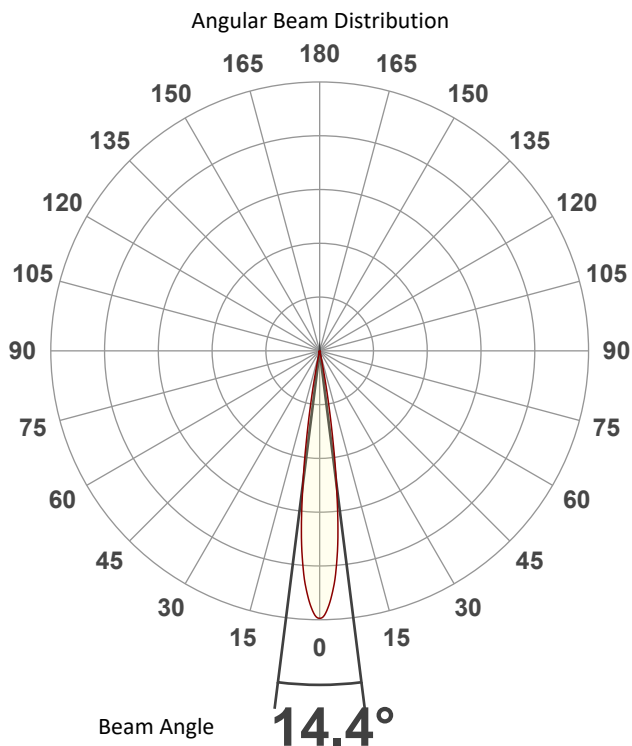
Fixture Output: 10644 lm
Fixture Peak: 174155 cd
Fixture Efficacy: -113356712 lm/W
Intensity @ 5m: 6966 lux
Color Temperature: 23895 K
CRI: 76.7 CRI R9 Value: -31.6
CQS: 87.2
TLCI: 82
TM-30 Rf: 78.6
TM-30 Rg: 112.6
Beam Angle (50%): 14.4°
Field Angle (10%): 21.4°
Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

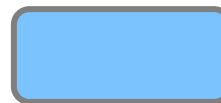
Overall Measurement



Tested Color (CIE 1931):

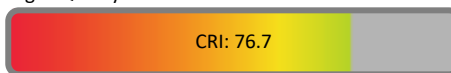
X: 0.256

Y: 0.251



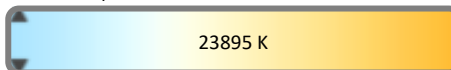
Light Quality

CRI: 76.7



Color Temperature

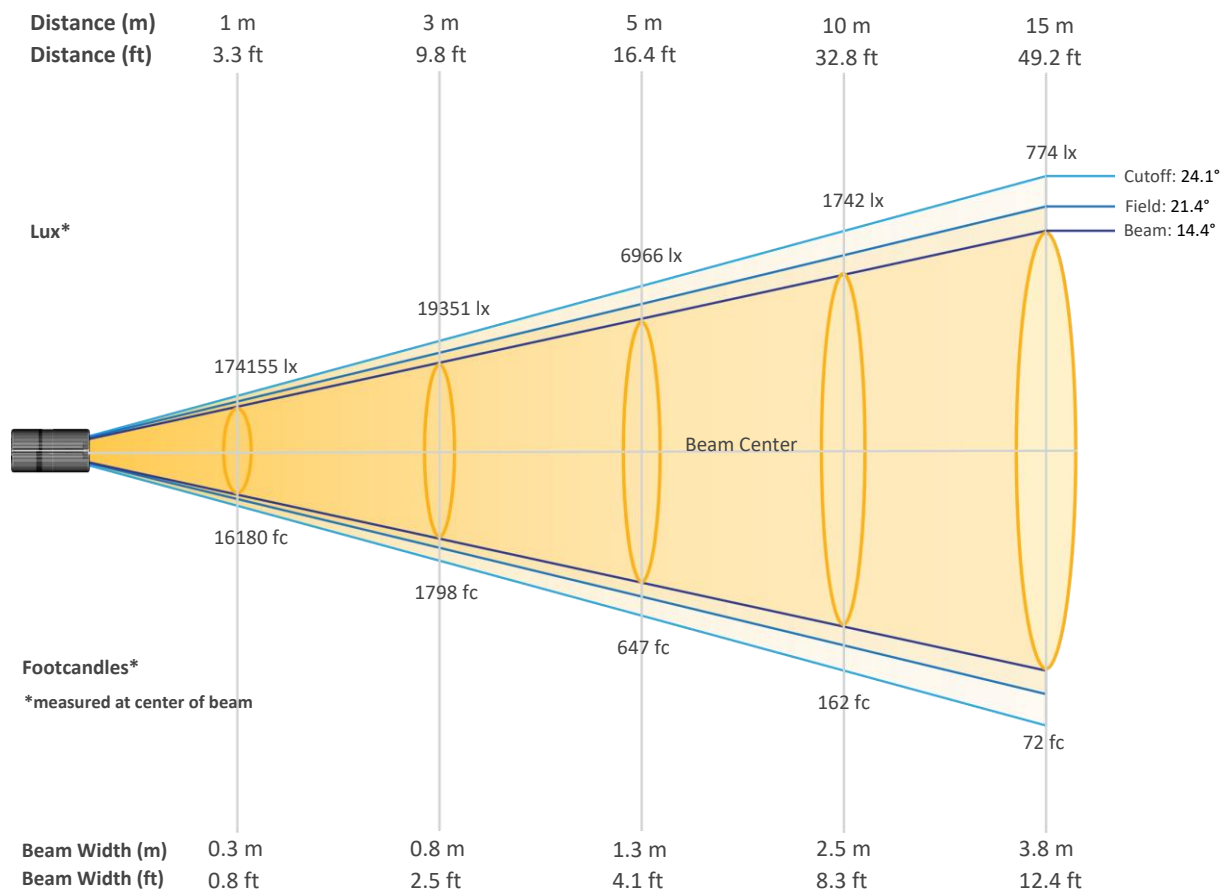
23895 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-ECO

Beam Details

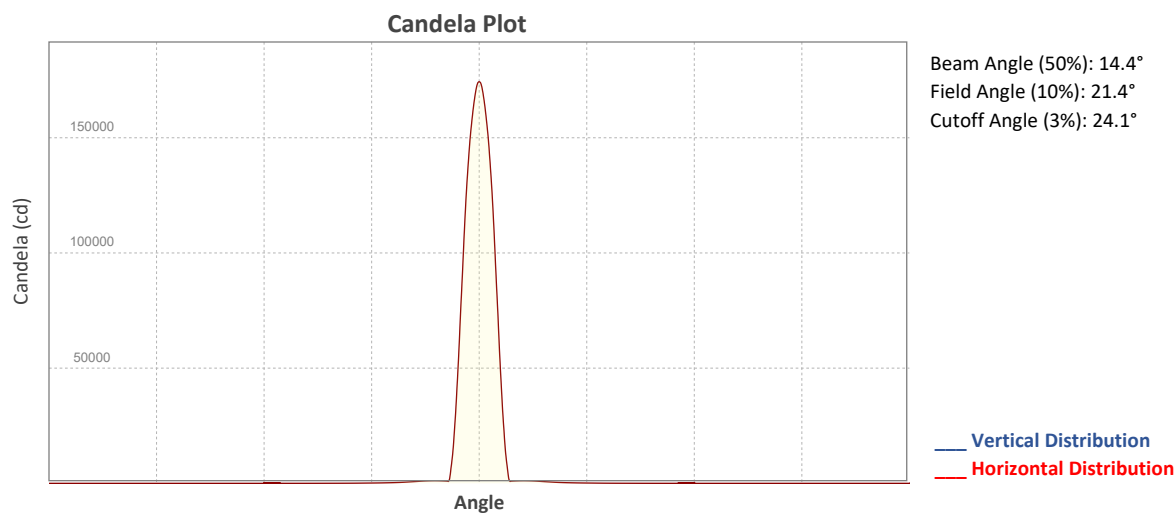


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	174155	43539	19351	10885	6966	4838	3554	2721	2150	1742
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1439	1209	1031	889	774	680	603	538	482	435
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16180	4045	1798	1011	647	449	330	253	200	162
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	134	112	96	83	72	63	56	50	45	40

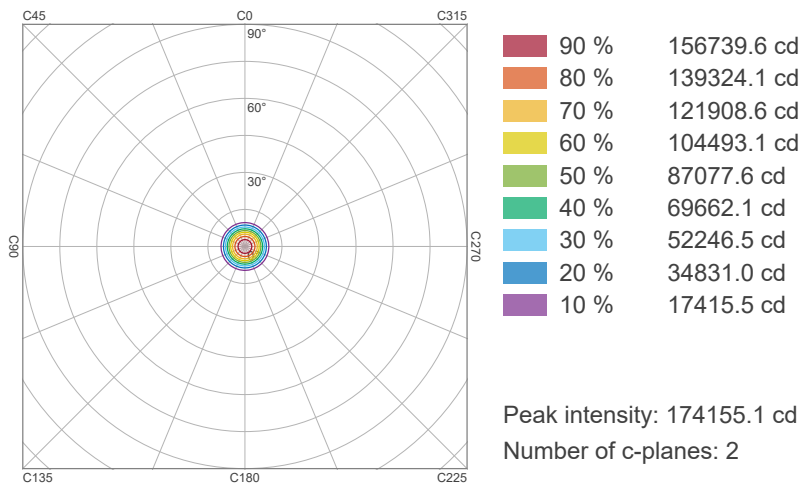
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-ECO

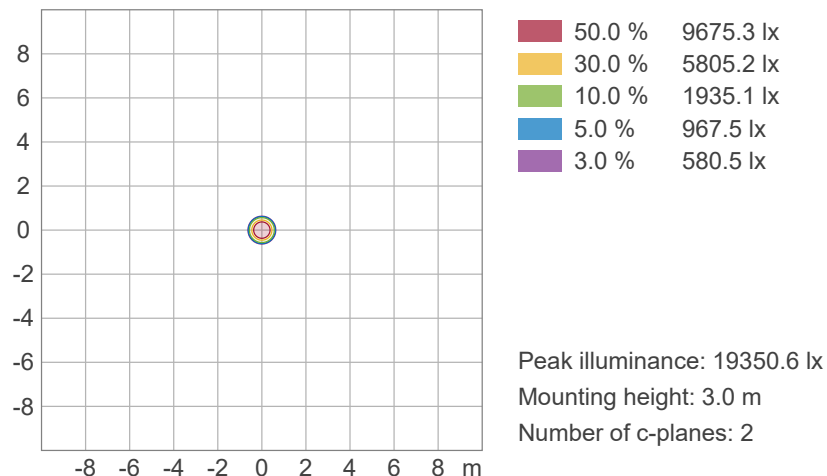


ISO Diagrams

ISO Candela Diagram



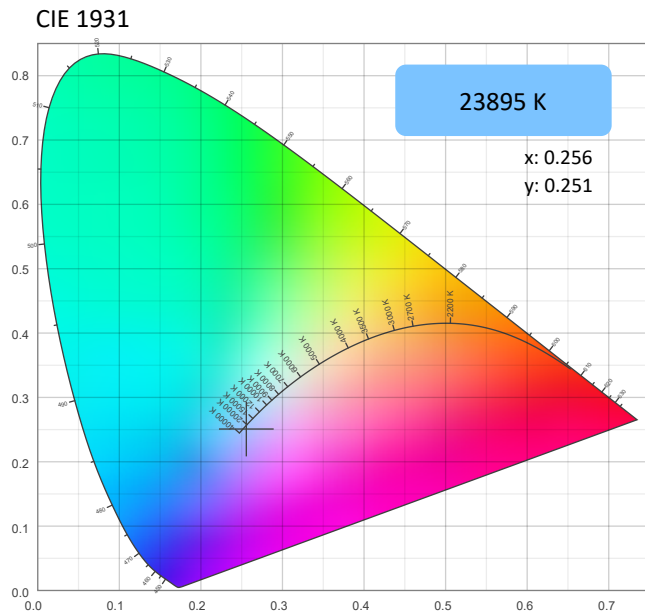
ISO Lux Diagram



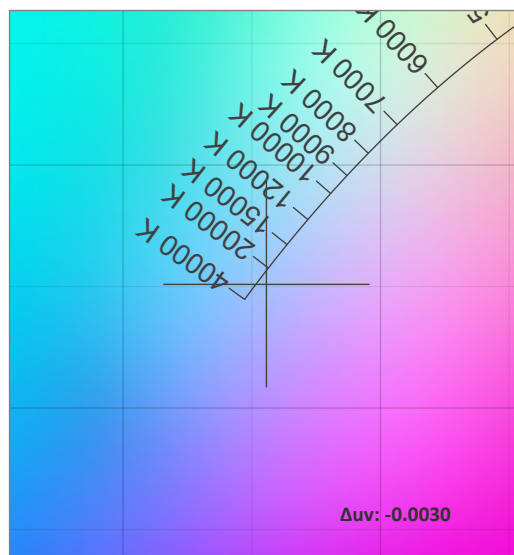
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-ECO

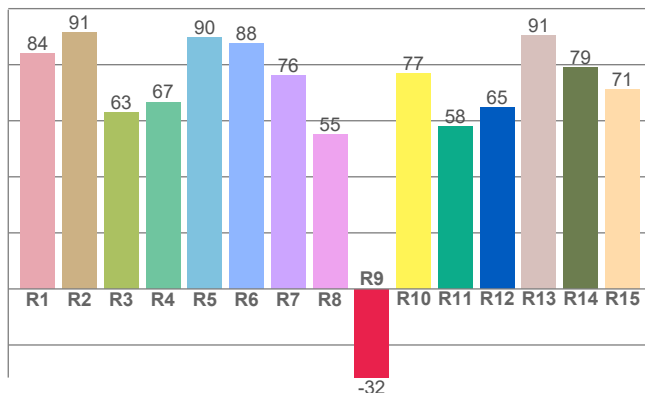
Chromaticity



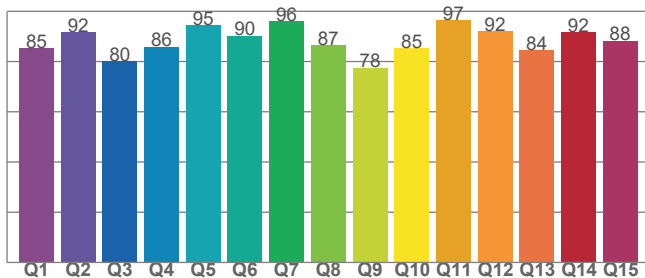
CIE 1931 - Zoom



CRI: 76.7 (R1-R8)



CQS: 87.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
23895 K	0.256	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0030	0.251	0.186

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.7	-31.6	87.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
82	78.6	112.6

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-ECO

TM-30 Details

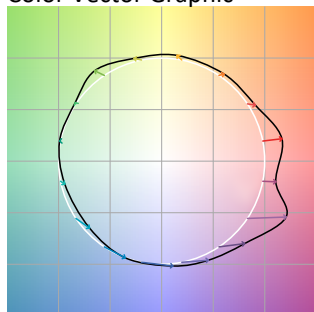
Rf 78.6

Fidelity Index
(Rg)

Rg 112.6

Gammut Index (Rg)

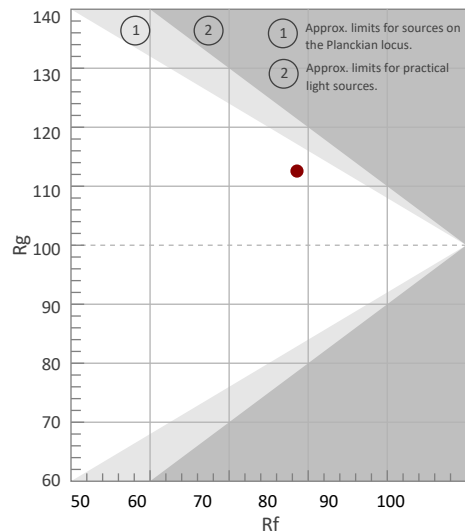
Color Vector Graphic



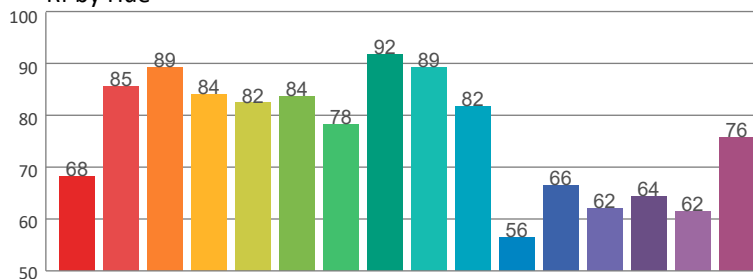
Color Distortion Graphic



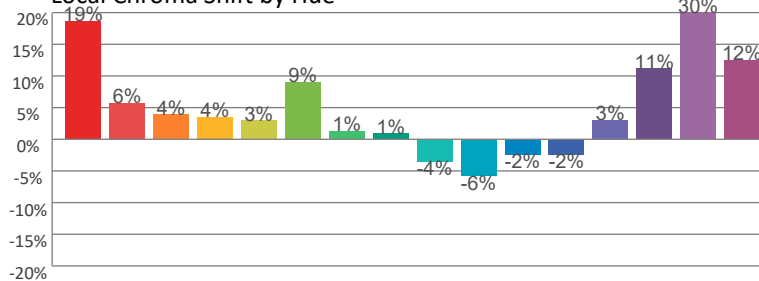
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	19%	-1%
2	85	6%	-5%
3	89	4%	-3%
4	84	4%	5%
5	82	3%	7%
6	84	9%	5%
7	78	1%	-1%
8	92	1%	0%
9	89	-4%	3%
10	82	-6%	15%
11	56	-2%	23%
12	66	-2%	30%
13	62	3%	26%
14	64	11%	22%
15	62	30%	22%
16	76	12%	2%



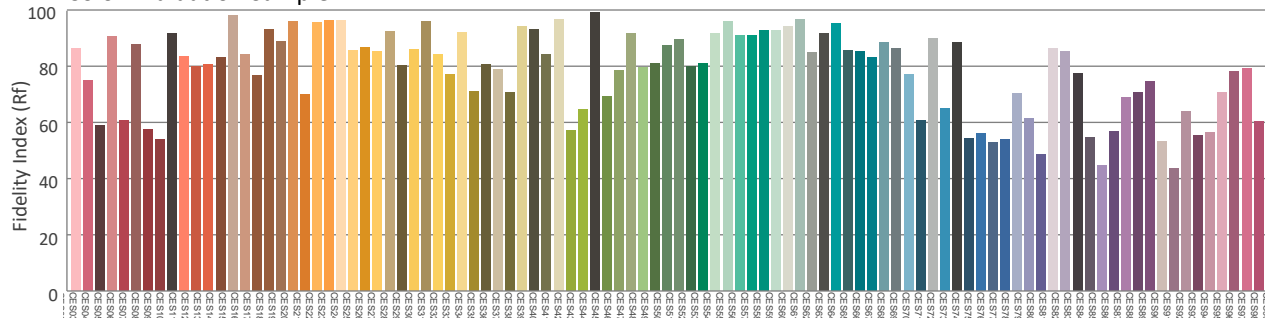
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Auto

Report Summary

Measurements

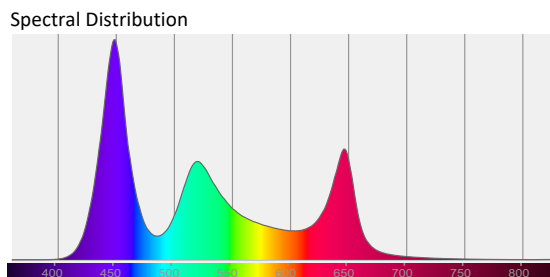
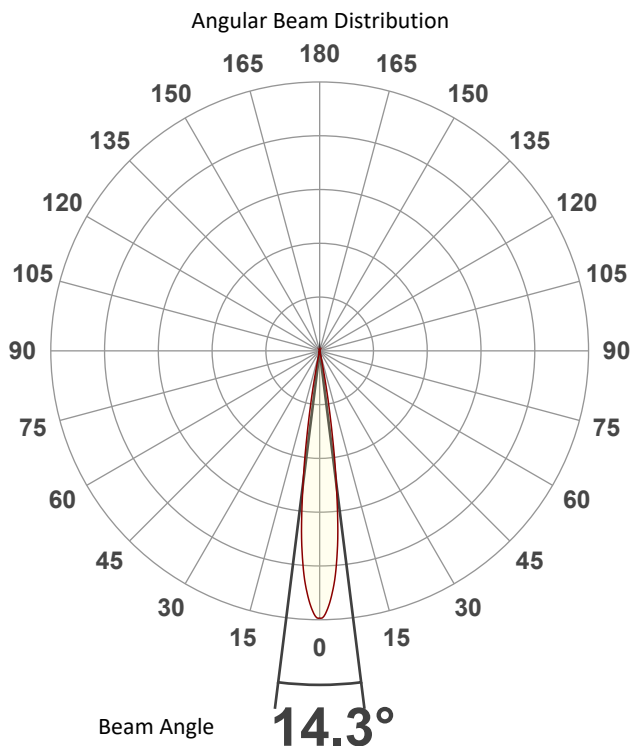
Fixture Output: 10844 lm
Fixture Peak: 179368 cd
Fixture Efficacy: -106368155 lm/W
Intensity @ 5m: 7175 lux
Color Temperature: 22617 K
CRI: 75.2 CRI R9 Value: -42.2
CQS: 86.9
TLCI: 80
TM-30 Rf: 77.9
TM-30 Rg: 113.6
Beam Angle (50%): 14.3°
Field Angle (10%): 21.4°
Cutoff Angle (3%): 24°

Conditions

AC Supply: 113 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

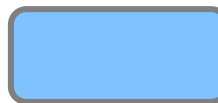
Overall Measurement



Tested Color (CIE 1931):

X: 0.258

Y: 0.251



Light Quality

CRI: 75.2

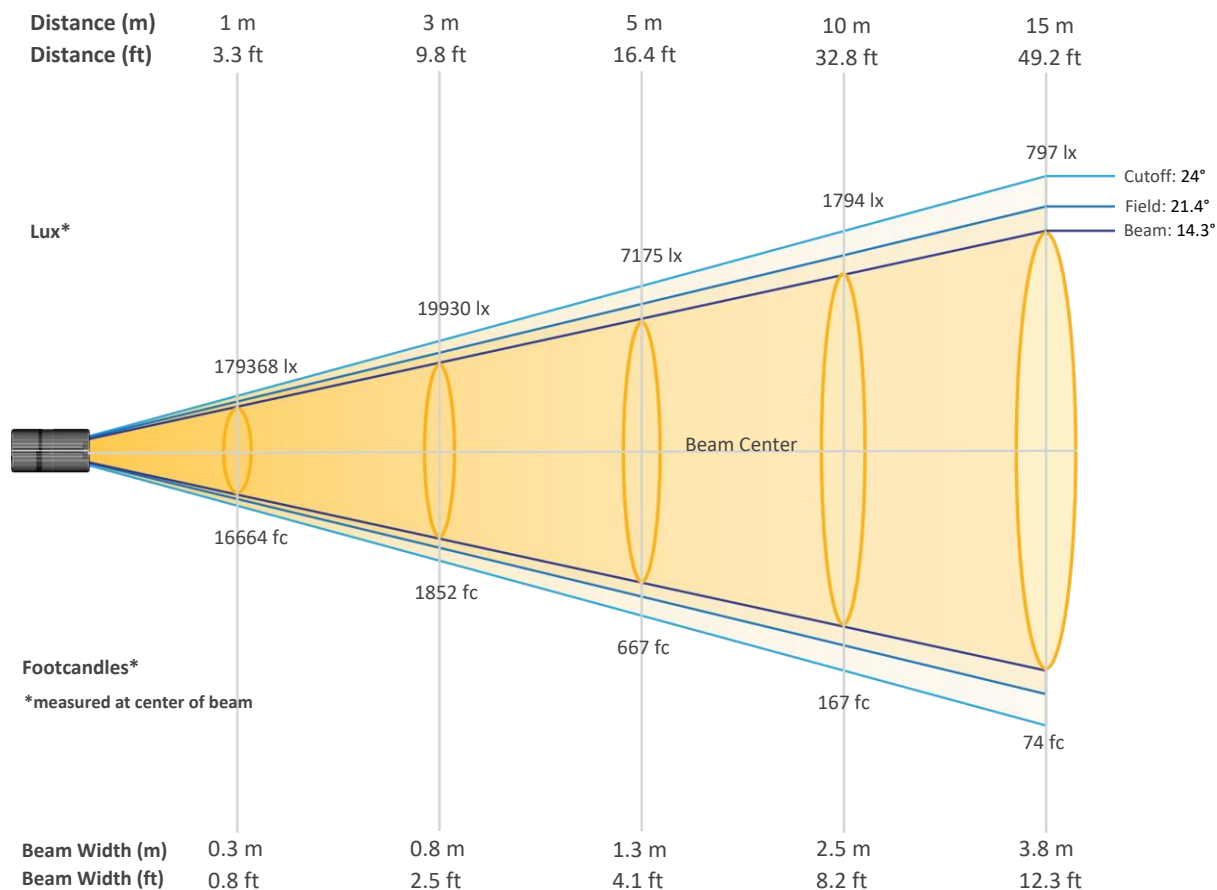
Color Temperature

22617 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Auto

Beam Details

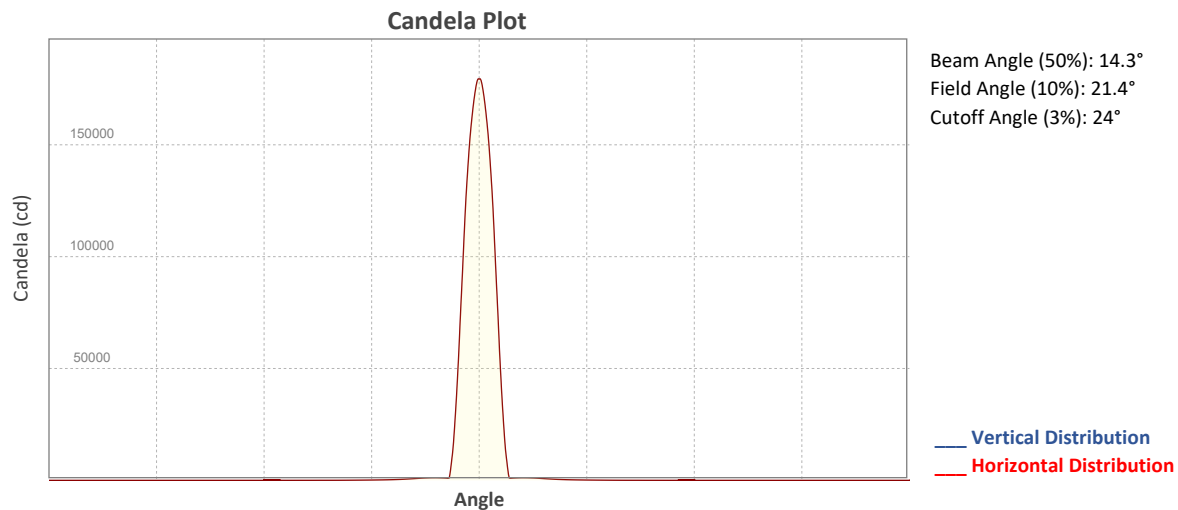


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	179368	44842	19930	11210	7175	4982	3661	2803	2214	1794
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1482	1246	1061	915	797	701	621	554	497	448
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	16664	4166	1852	1041	667	463	340	260	206	167
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	138	116	99	85	74	65	58	51	46	42

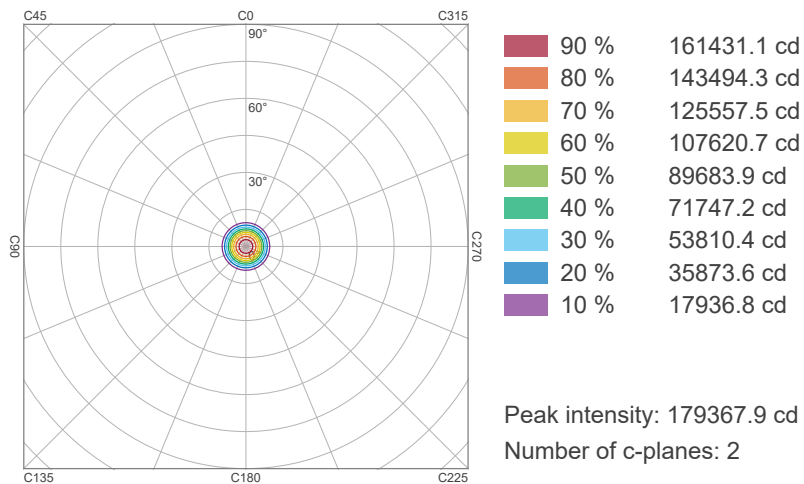
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Auto

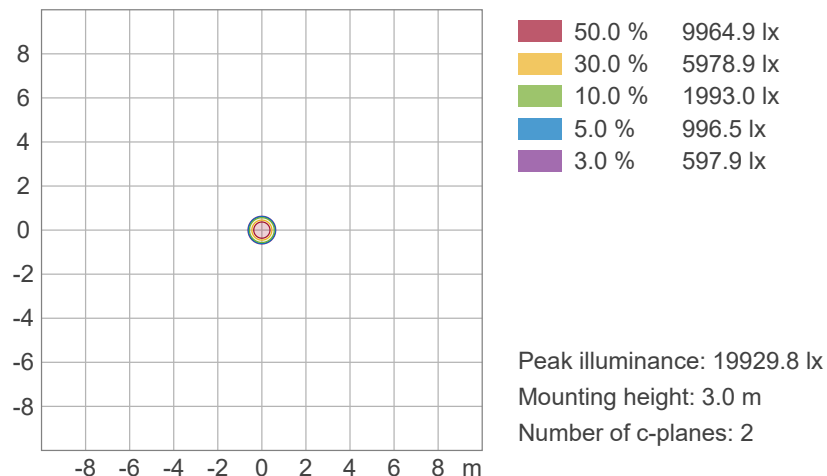


ISO Diagrams

ISO Candela Diagram



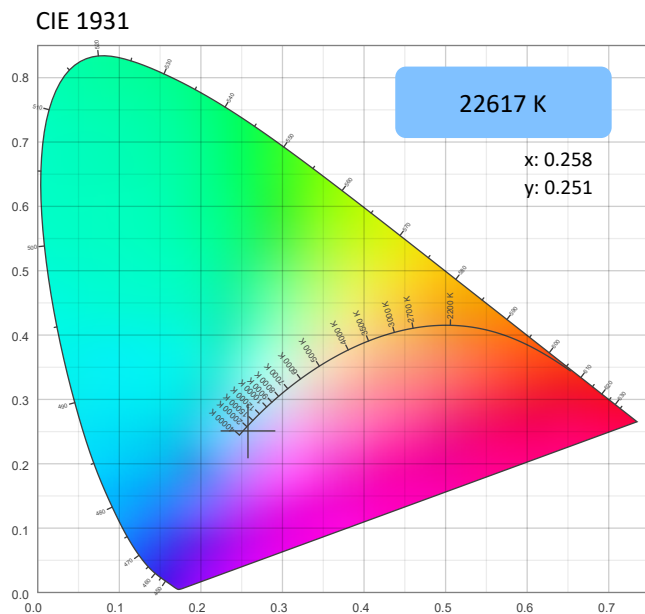
ISO Lux Diagram



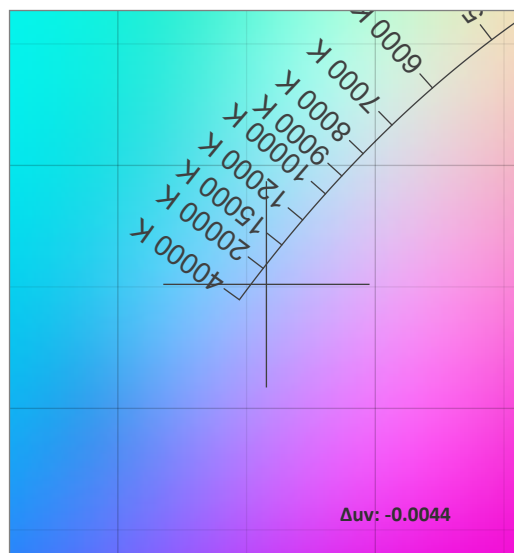
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Auto

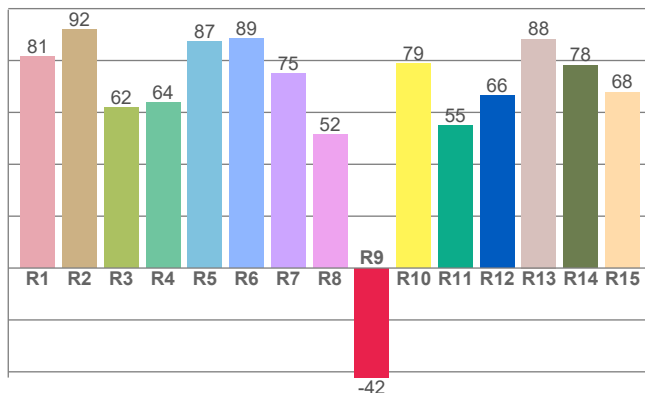
Chromaticity



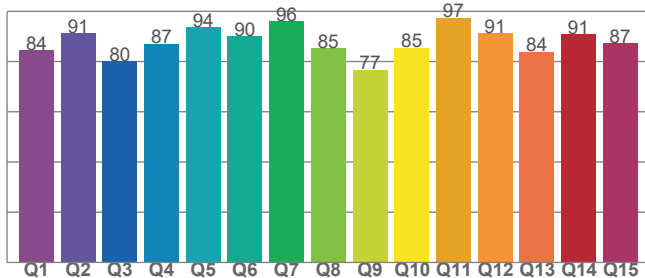
CIE 1931 - Zoom



CRI: 75.2 (R1-R8)



CQS: 86.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
22617 K	0.258	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0044	0.251	0.188

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.2	-42.2	86.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
80	77.9	113.6

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Auto

TM-30 Details

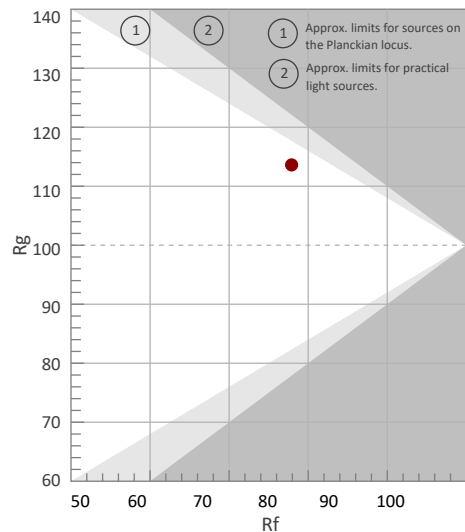
Rf 77.9

Fidelity Index
(Rg)

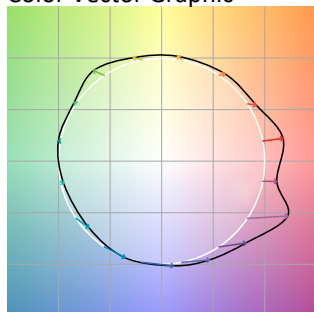
Rg 113.6

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	66	20%	-1%
2	84	6%	-6%
3	89	5%	-4%
4	85	3%	5%
5	81	4%	7%
6	83	10%	6%
7	77	2%	0%
8	91	2%	0%
9	90	-3%	3%
10	83	-5%	14%
11	57	-2%	22%
12	66	-3%	31%
13	60	3%	27%
14	62	11%	24%
15	60	31%	24%
16	74	13%	2%



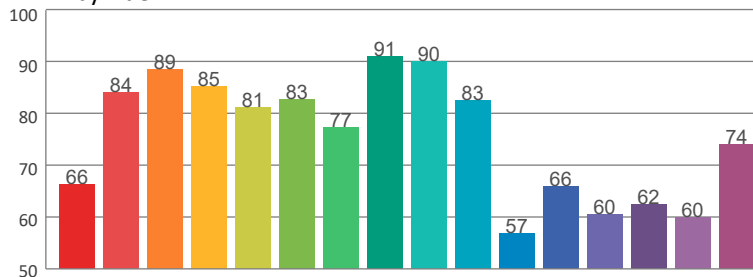
Color Vector Graphic



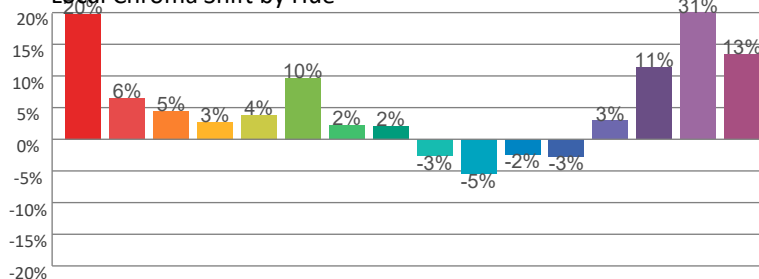
Color Distortion Graphic



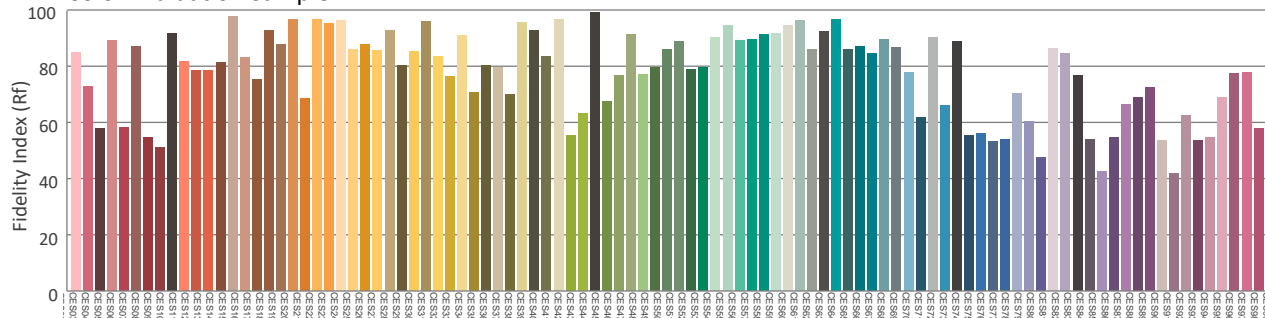
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Cali On

Report Summary

Measurements

Fixture Output: 9397 lm

Fixture Peak: 151426 cd

Fixture Efficacy: -98007260 lm/W

Intensity @ 5m: 6057 lux

Color Temperature: 6617 K

CRI: 74.0 CRI R9 Value: -26.2

CQS: 86.8

TLCI: 68

TM-30 Rf: 79.6

TM-30 Rg: 117.0

Beam Angle (50%): 14.5°

Field Angle (10%): 21.6°

Cutoff Angle (3%): 24.3°

Conditions

AC Supply: 115 V, 60 Hz

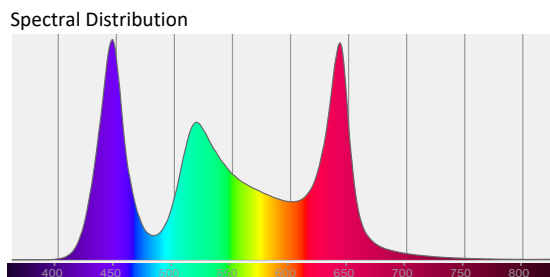
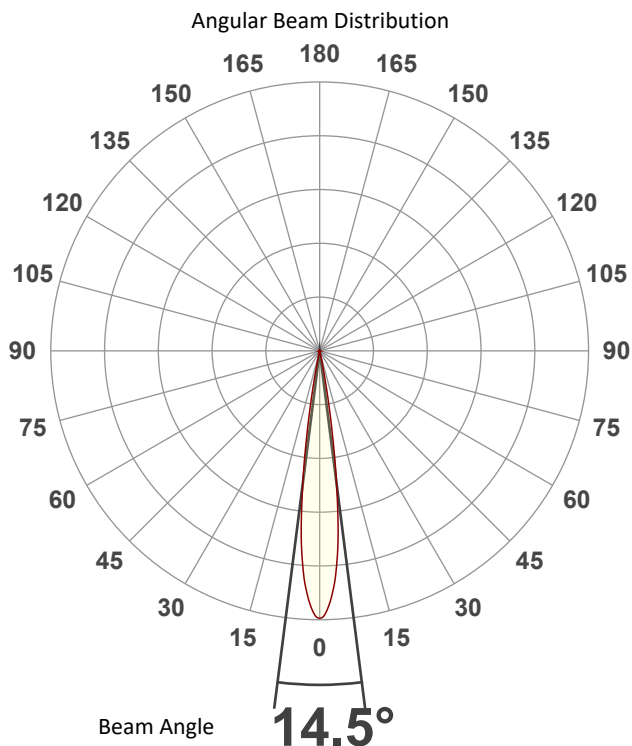
Power: 0.03 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

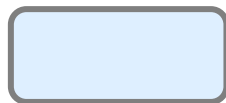
Overall Measurement



Tested Color (CIE 1931):

X: 0.313

Y: 0.312



Light Quality

CRI: 74.0

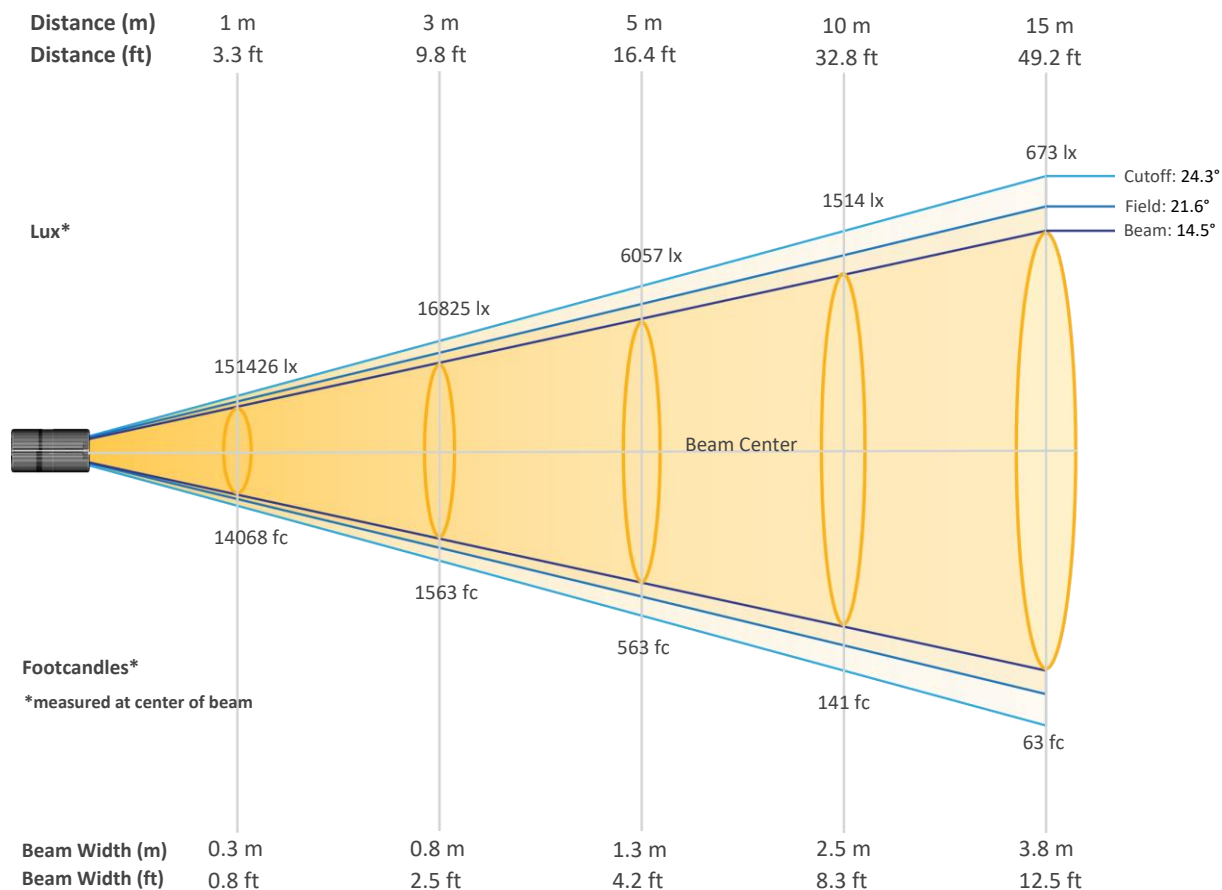
Color Temperature

6617 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Cali On

Beam Details

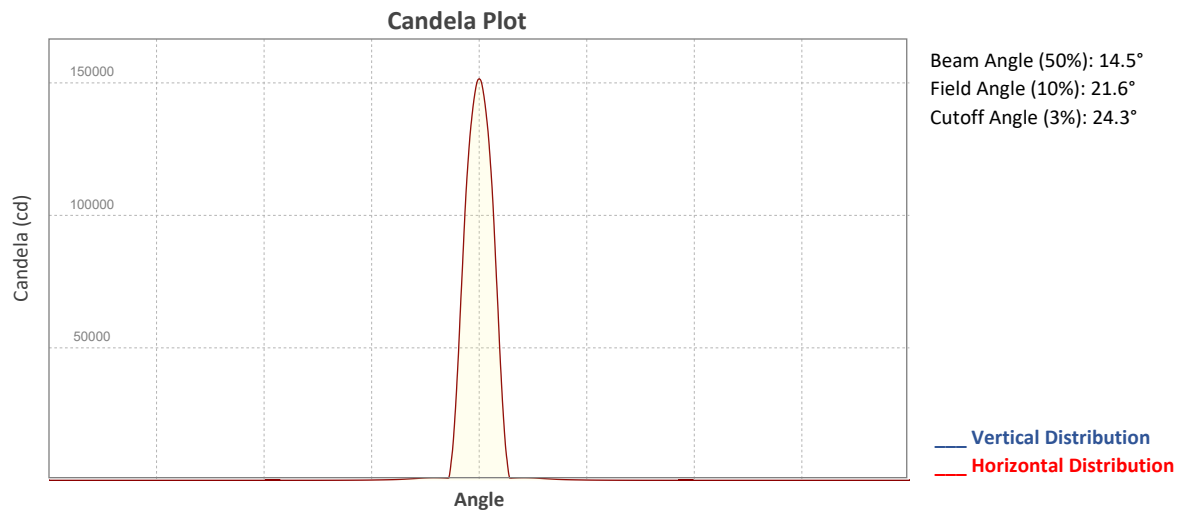


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	151426	37856	16825	9464	6057	4206	3090	2366	1869	1514
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1251	1052	896	773	673	592	524	467	419	379
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14068	3517	1563	879	563	391	287	220	174	141
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	116	98	83	72	63	55	49	43	39	35

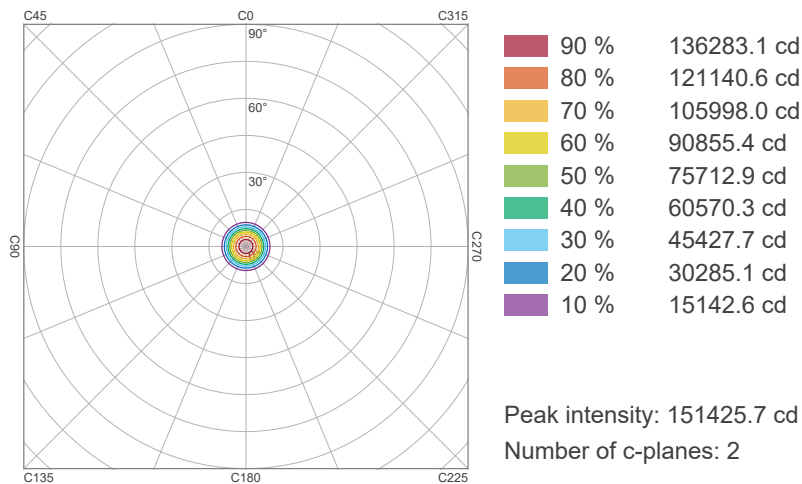
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Cali On

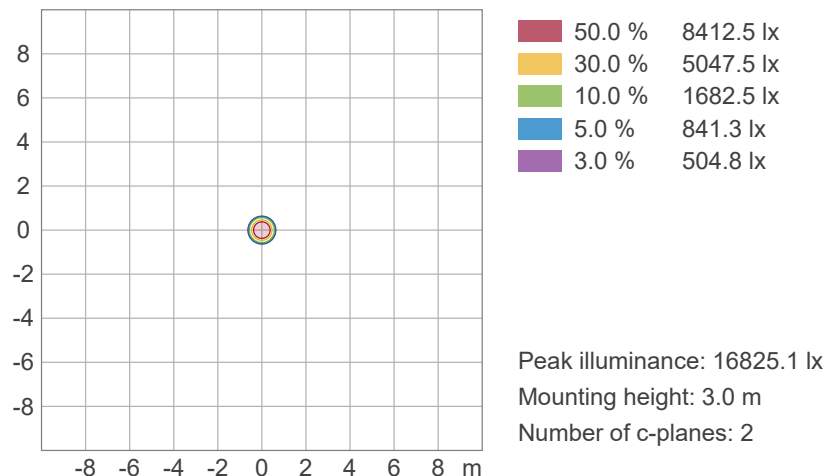


ISO Diagrams

ISO Candela Diagram



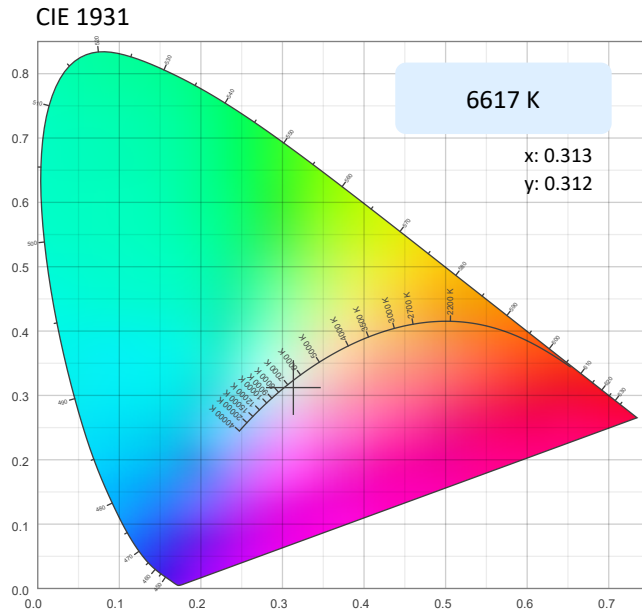
ISO Lux Diagram



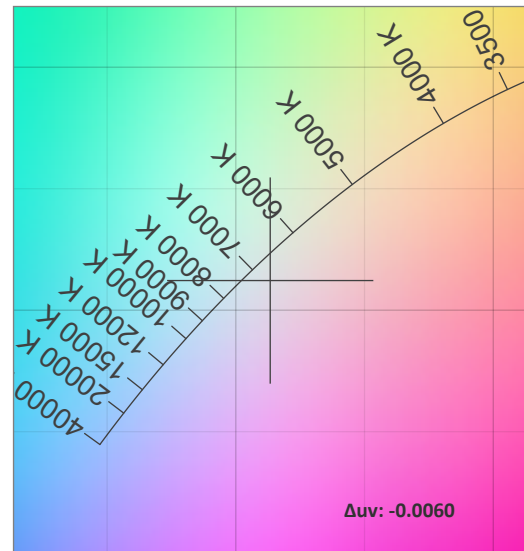
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Cali On

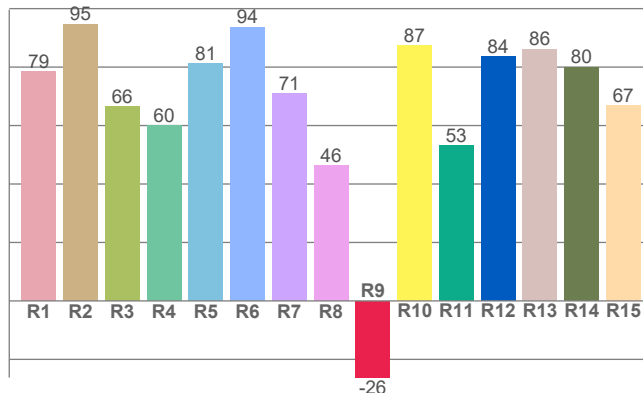
Chromaticity



CIE 1931 - Zoom



CRI: 74.0 (R1-R8)

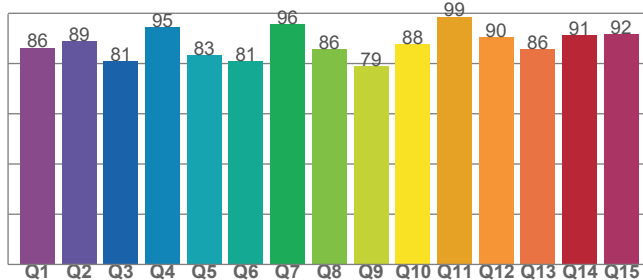


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6617 K	0.313	0.312

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0060	0.312	0.205

CQS: 86.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.0	-26.2	86.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
68	79.6	117.0

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - RGBW-Cali On

TM-30 Details

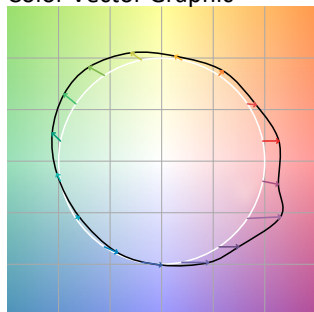
Rf 79.6

Fidelity Index
(Rg)

Rg 117.0

Gammut Index (Rg)

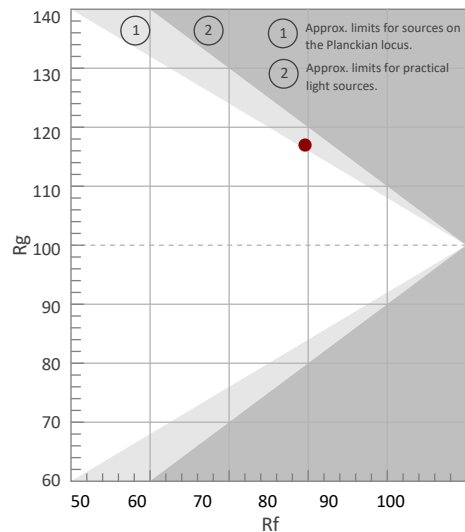
Color Vector Graphic



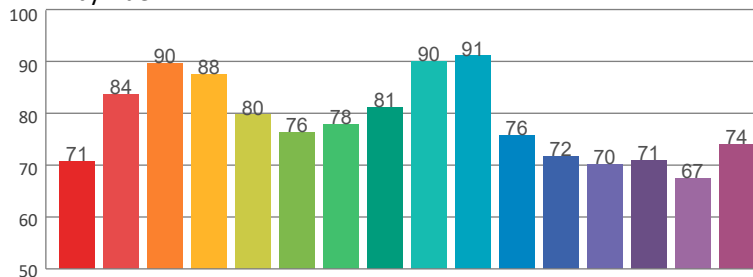
Color Distortion Graphic



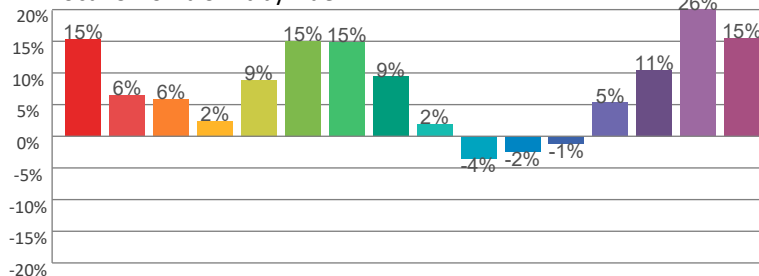
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	71	15%	-3%
2	84	6%	-5%
3	90	6%	-1%
4	88	2%	7%
5	80	9%	9%
6	76	15%	8%
7	78	15%	-1%
8	81	9%	-6%
9	90	2%	-8%
10	91	-4%	0%
11	76	-2%	14%
12	72	-1%	20%
13	70	5%	25%
14	71	11%	16%
15	67	26%	19%
16	74	15%	0%



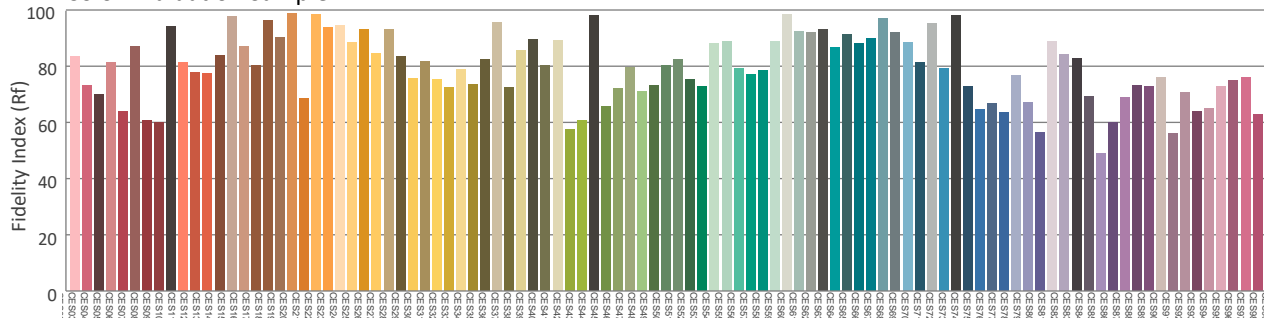
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Red Only

Report Summary

Measurements

Fixture Output: 1770 lm

Fixture Peak: 28487 cd

Fixture Efficacy: -22525695 lm/W

Intensity @ 5m: 1139 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%): 14.4°

Field Angle (10%): 21.7°

Cutoff Angle (3%): 24.5°

Conditions

AC Supply: 117 V, 60 Hz

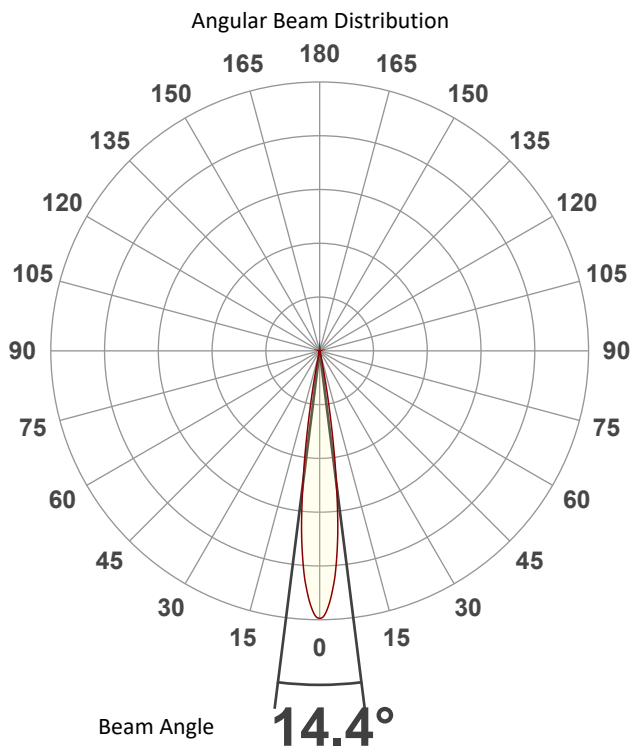
Power: 0.03 W

Current: 0.000 A

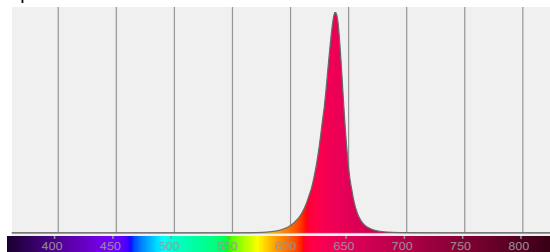
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.701

Y: 0.298



Light Quality

CRI: 0.0

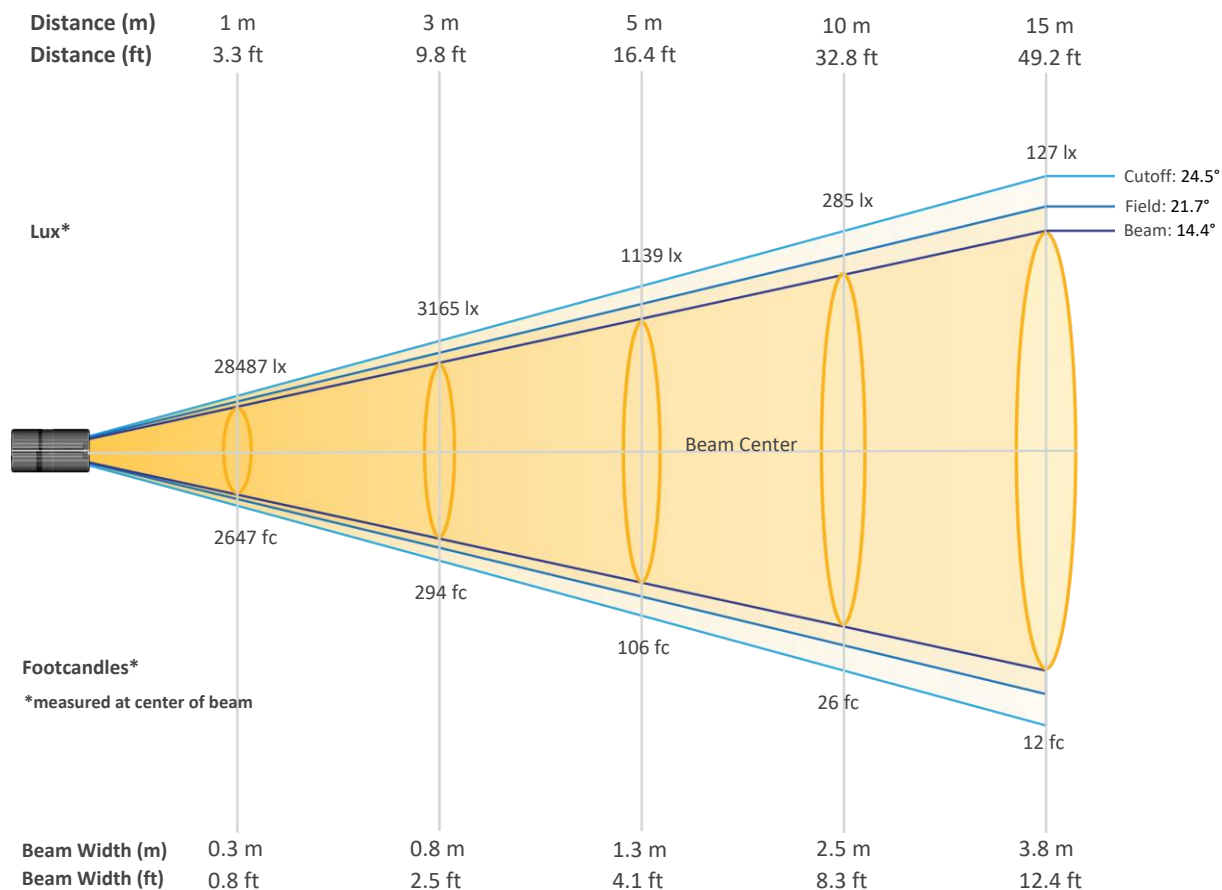
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Red Only

Beam Details

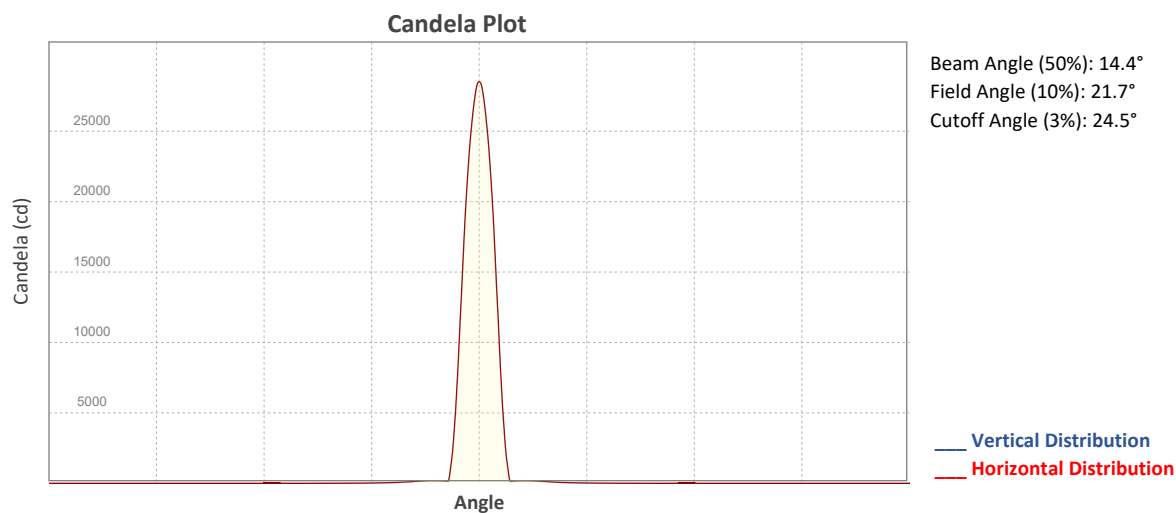


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28487	7122	3165	1780	1139	791	581	445	352	285
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	235	198	169	145	127	111	99	88	79	71
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2647	662	294	165	106	74	54	41	33	26
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	18	16	14	12	10	9	8	7	7

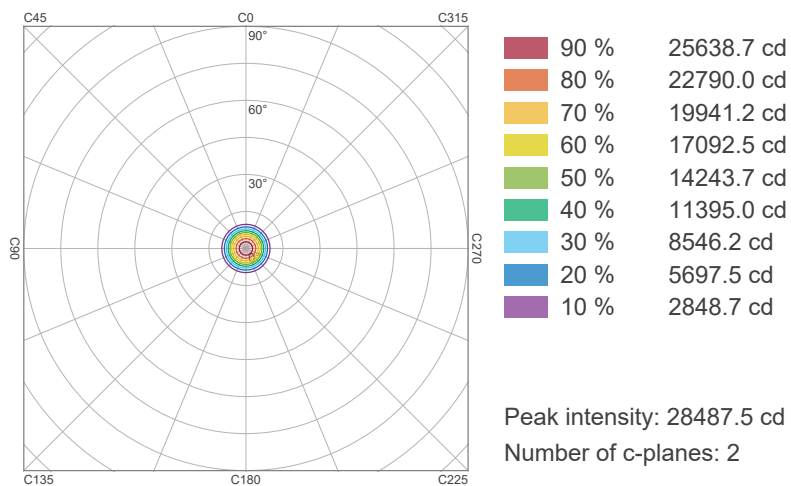
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Red Only

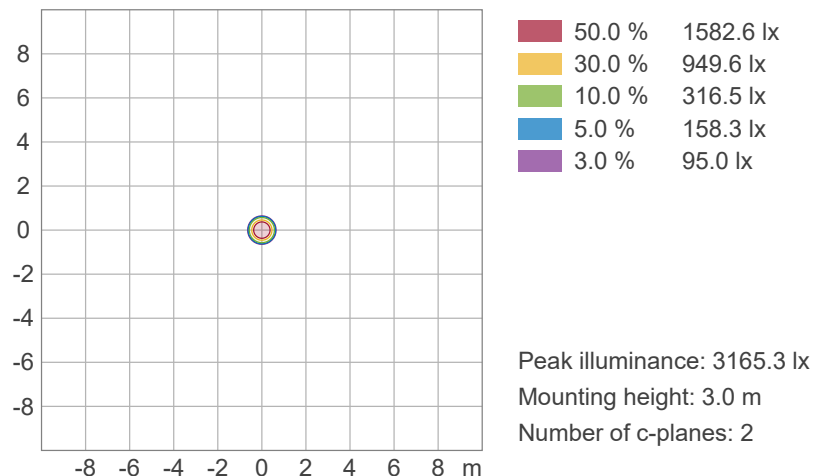


ISO Diagrams

ISO Candela Diagram



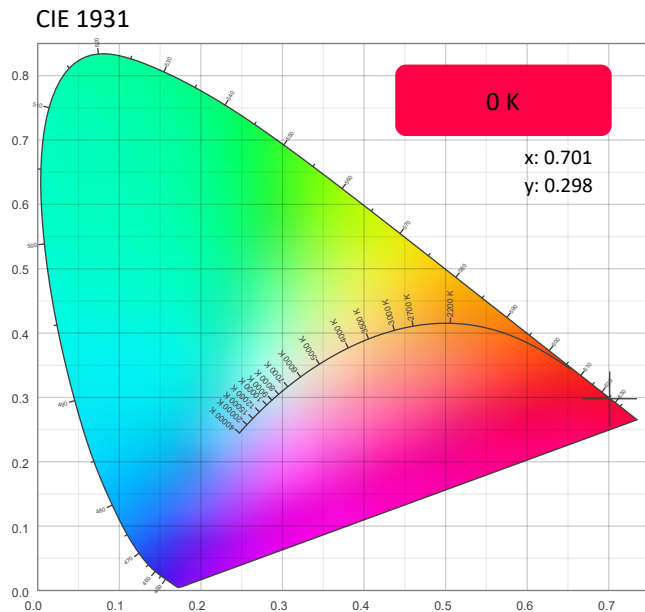
ISO Lux Diagram



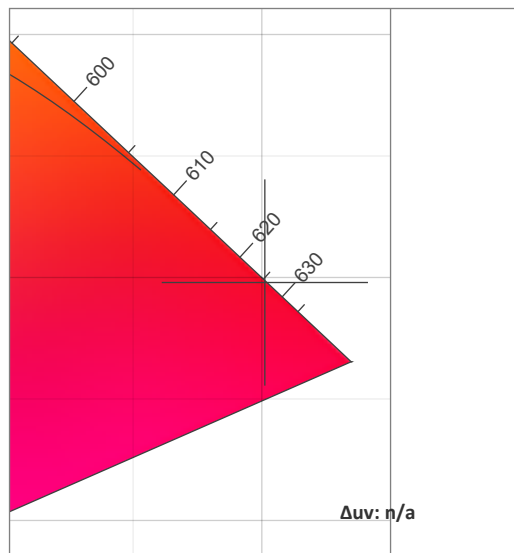
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Red Only

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

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

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

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

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

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Red Only

TM-30 Details

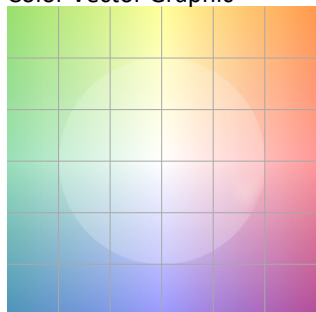
Rf 0.0

Fidelity Index
(Rg)

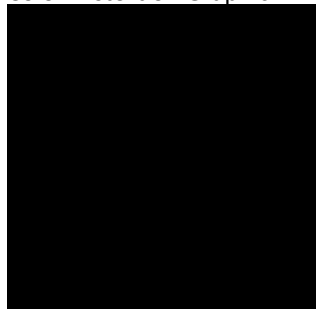
Rg 0.0

Gammut Index (Rg)

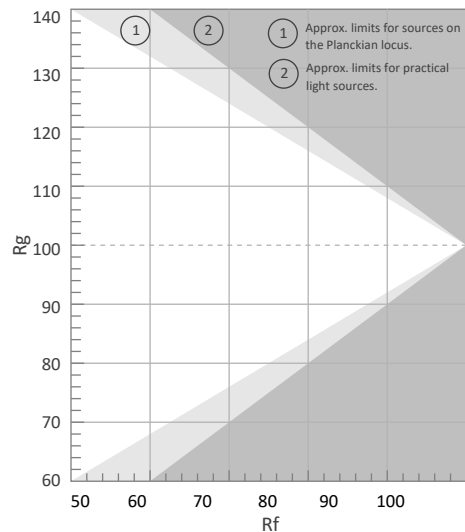
Color Vector Graphic



Color Distortion Graphic



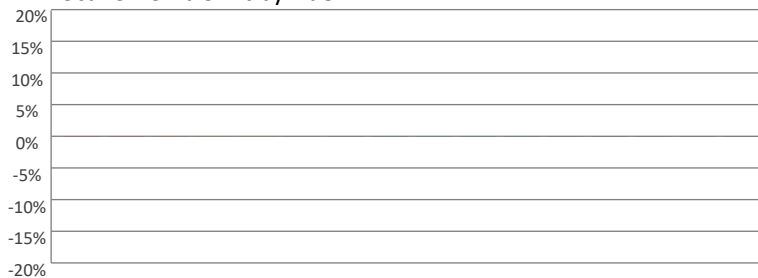
		Graphic shifts (%)		
Hue Bin	Rf	Chroma	Hue	
1	0	0%	0%	
2	0	0%	0%	
3	0	0%	0%	
4	0	0%	0%	
5	0	0%	0%	
6	0	0%	0%	
7	0	0%	0%	
8	0	0%	0%	
9	0	0%	0%	
10	0	0%	0%	
11	0	0%	0%	
12	0	0%	0%	
13	0	0%	0%	
14	0	0%	0%	
15	0	0%	0%	
16	0	0%	0%	



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Green Only

Report Summary

Measurements

Fixture Output: 4293 lm

Fixture Peak: 70221 cd

Fixture Efficacy: -45602005 lm/W

Intensity @ 5m: 2809 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%): 14.2°

Field Angle (10%): 21.4°

Cutoff Angle (3%): 24.2°

Conditions

AC Supply: 117 V, 60 Hz

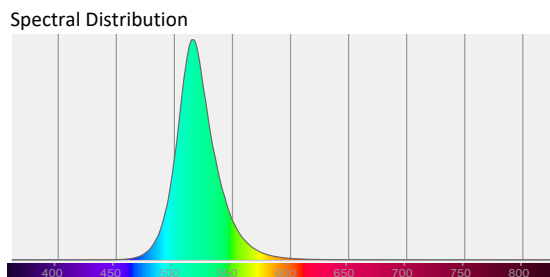
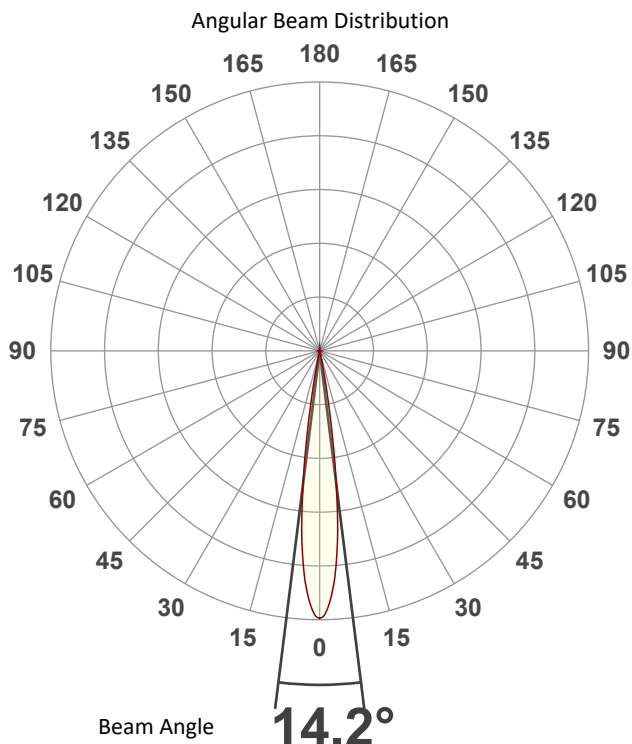
Power: 0.03 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.142

Y: 0.709



Light Quality

CRI: 0.0

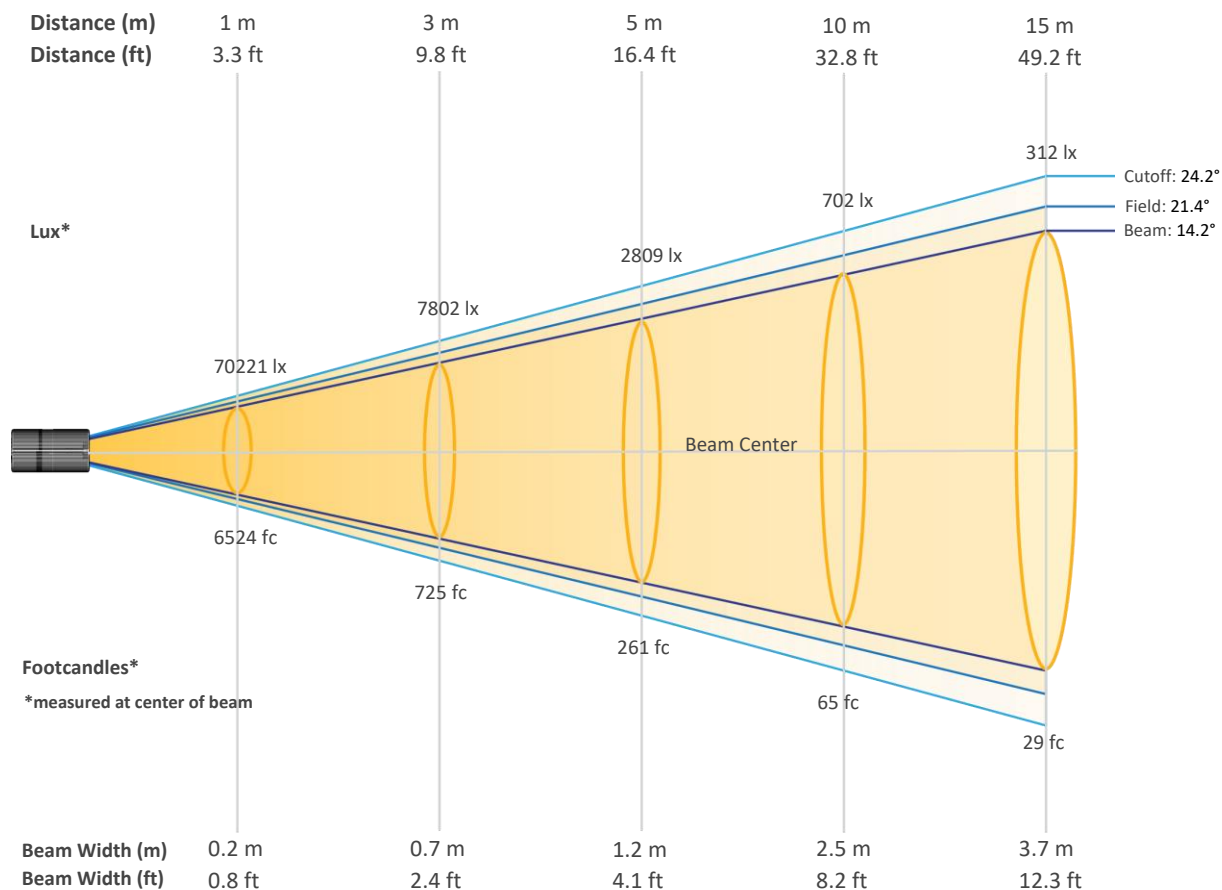
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Green Only

Beam Details

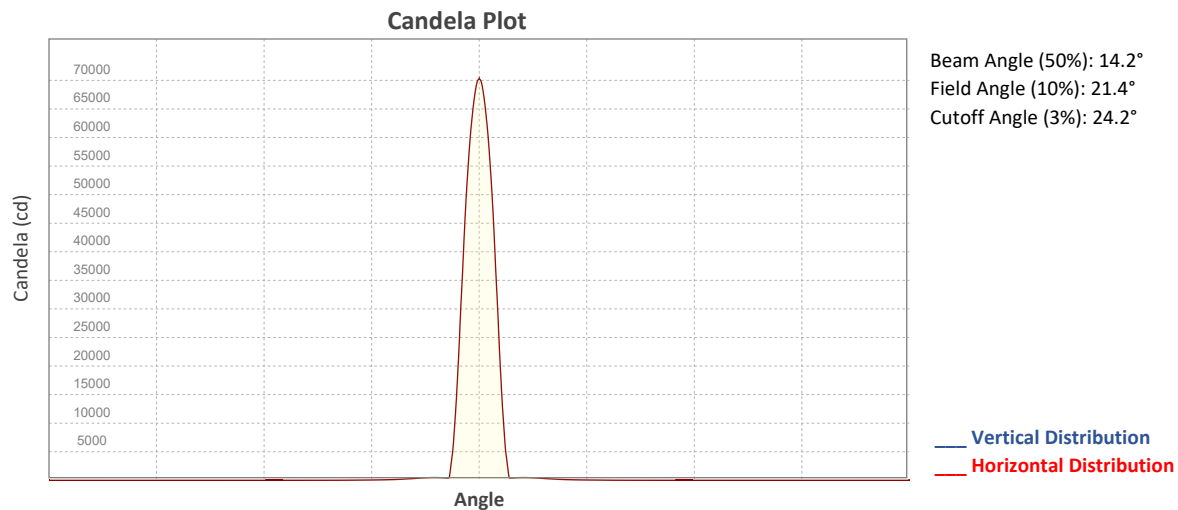


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	70221	17555	7802	4389	2809	1951	1433	1097	867	702
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	580	488	416	358	312	274	243	217	195	176
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6524	1631	725	408	261	181	133	102	81	65
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	54	45	39	33	29	25	23	20	18	16

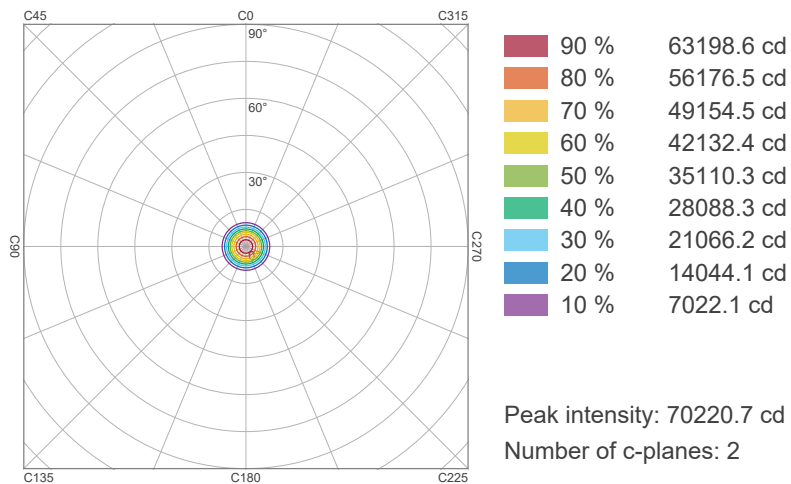
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Green Only

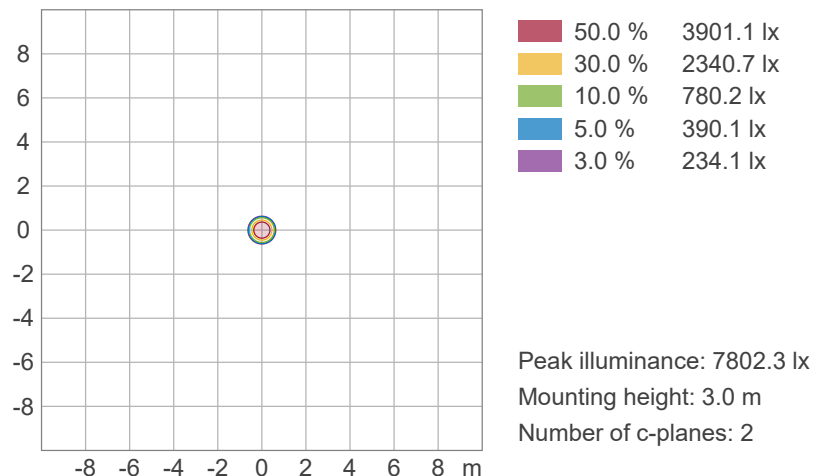


ISO Diagrams

ISO Candela Diagram



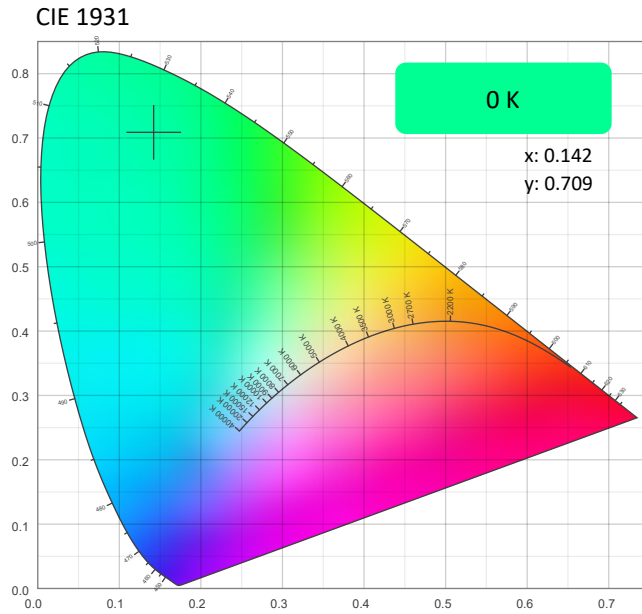
ISO Lux Diagram



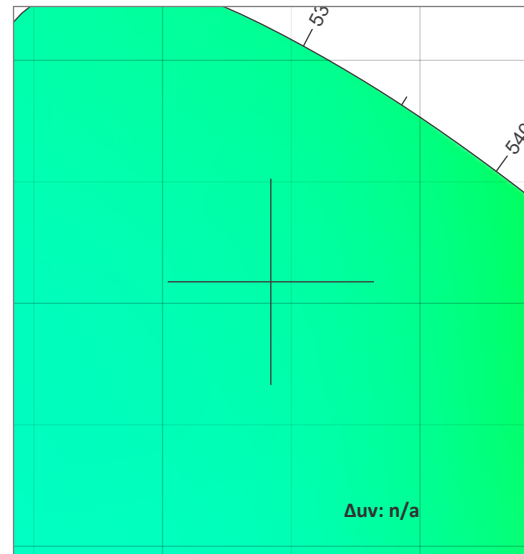
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Green Only

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.142	0.709

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.709	0.051

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

COLORado PXL Curve 5: 50% Zoom - Green Only

TM-30 Details

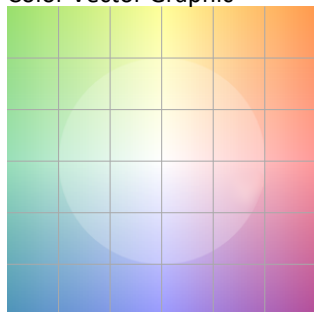
Rf 0.0

Fidelity Index
(Rg)

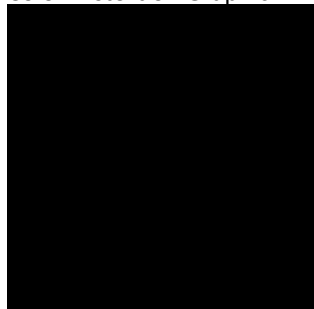
Rg 0.0

Gammut Index (Rg)

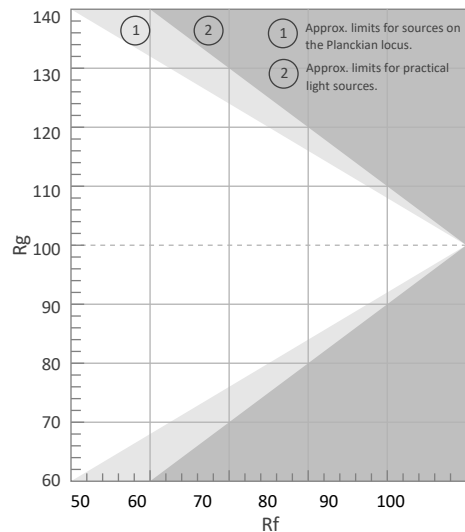
Color Vector Graphic



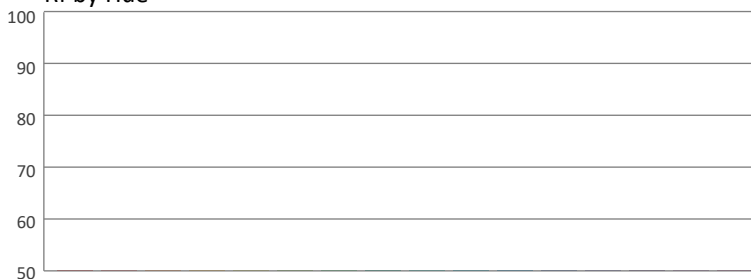
Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Blue Only

Report Summary

Measurements

Fixture Output: 583 lm

Fixture Peak: 8828 cd

Fixture Efficacy: -7840091 lm/W

Intensity @ 5m: 353 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%): 14.6°

Field Angle (10%): 21.4°

Cutoff Angle (3%): 23.9°

Conditions

AC Supply: 118 V, 60 Hz

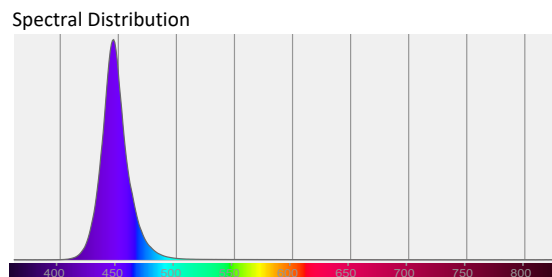
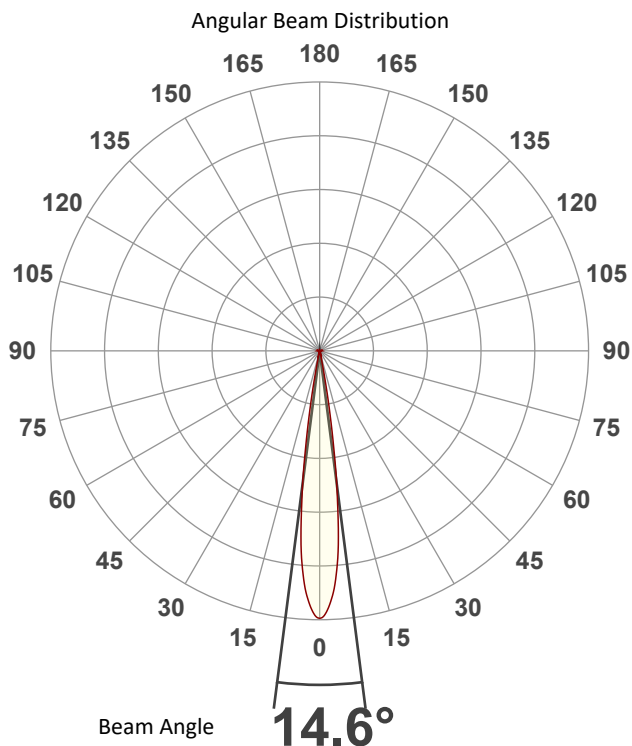
Power: 0.03 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

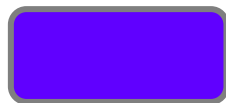
Overall Measurement



Tested Color (CIE 1931):

X: 0.157

Y: 0.023

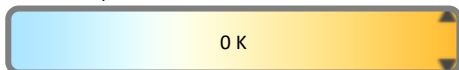


Light Quality

CRI: 0.0

Color Temperature

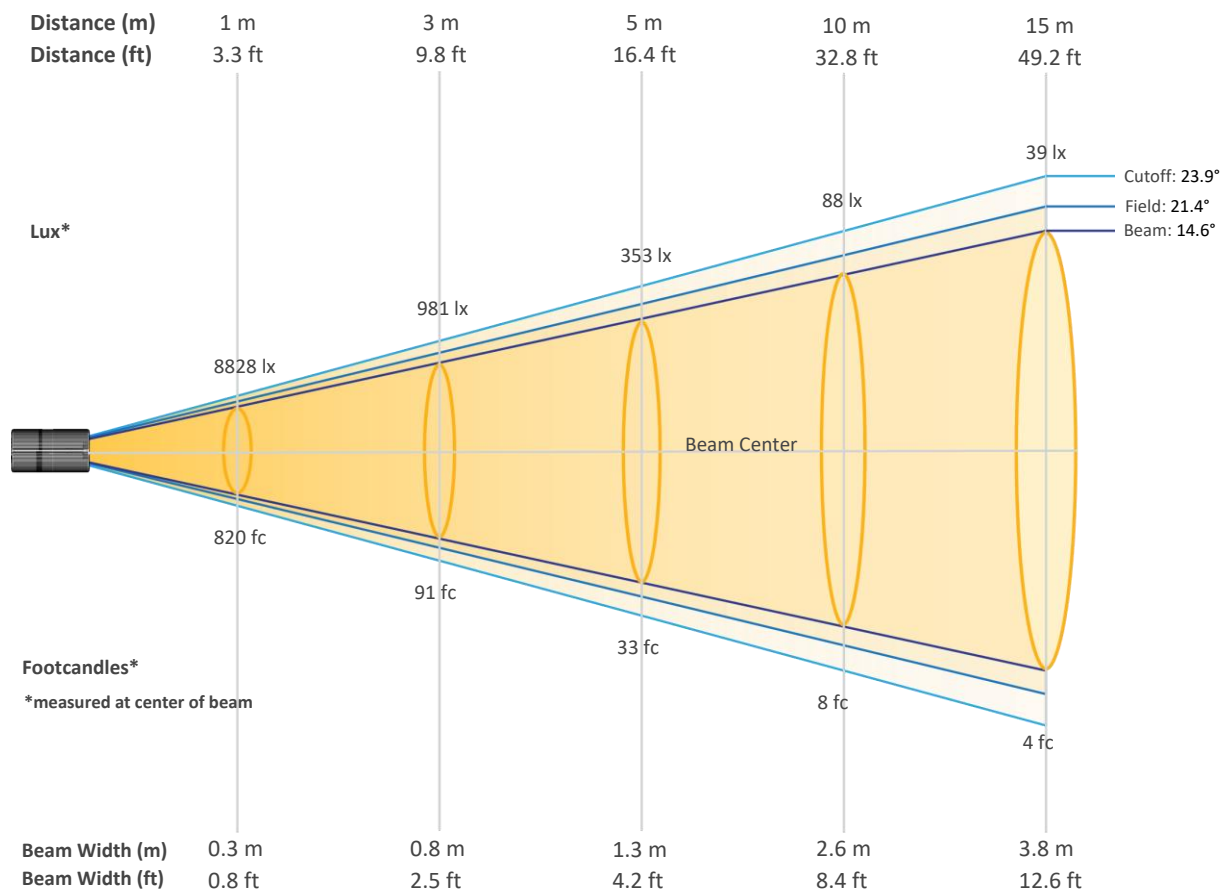
0 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Blue Only

Beam Details

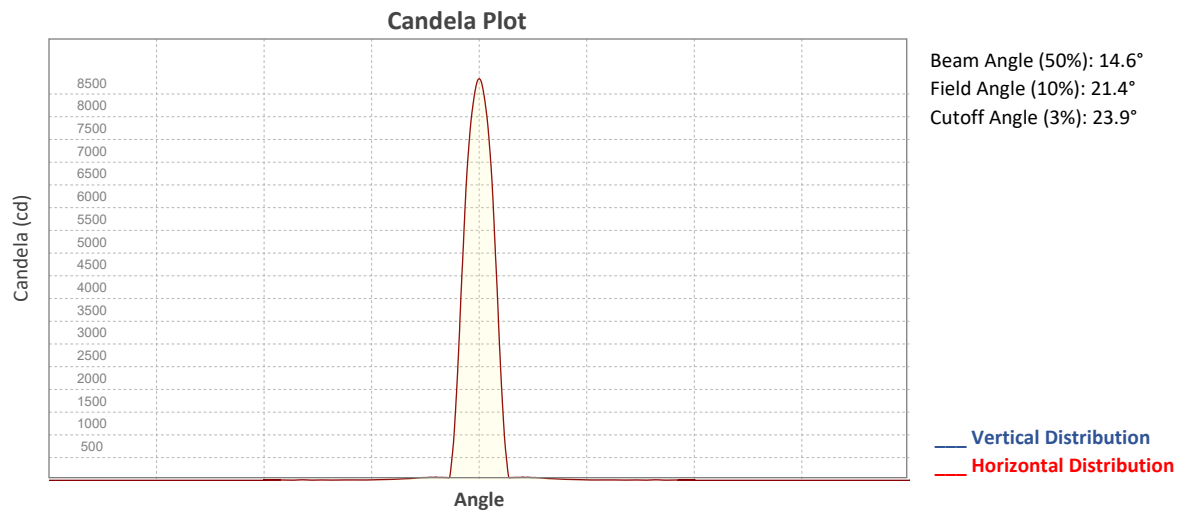


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8828	2207	981	552	353	245	180	138	109	88
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	73	61	52	45	39	34	31	27	24	22
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	820	205	91	51	33	23	17	13	10	8
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	7	6	5	4	4	3	3	3	2	2

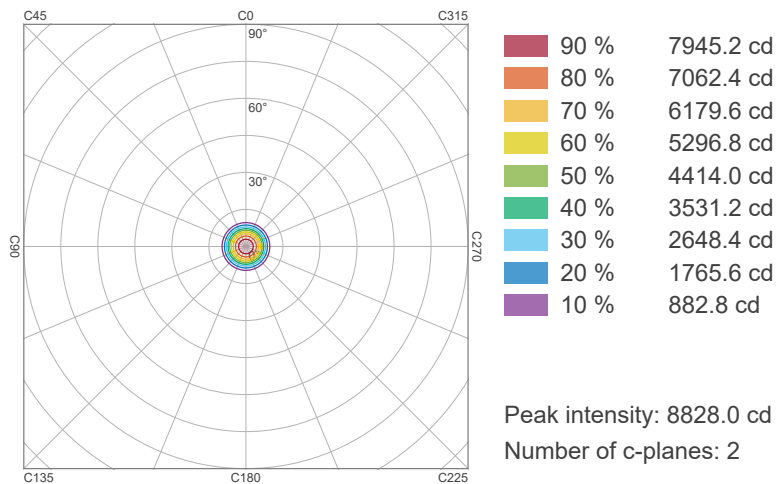
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Blue Only

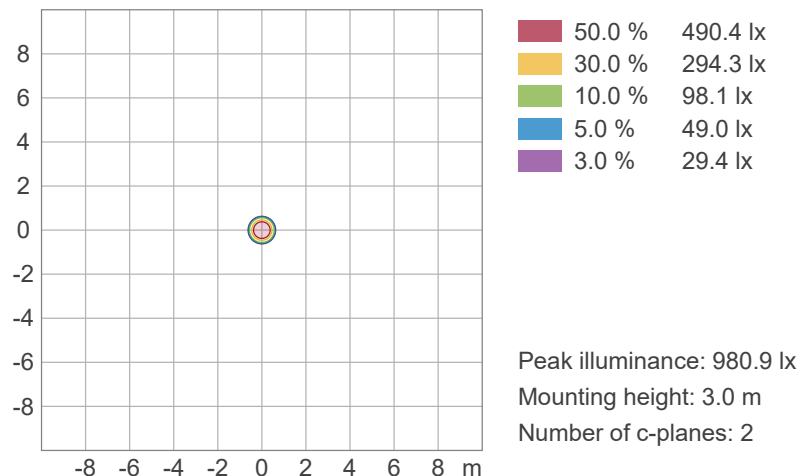


ISO Diagrams

ISO Candela Diagram



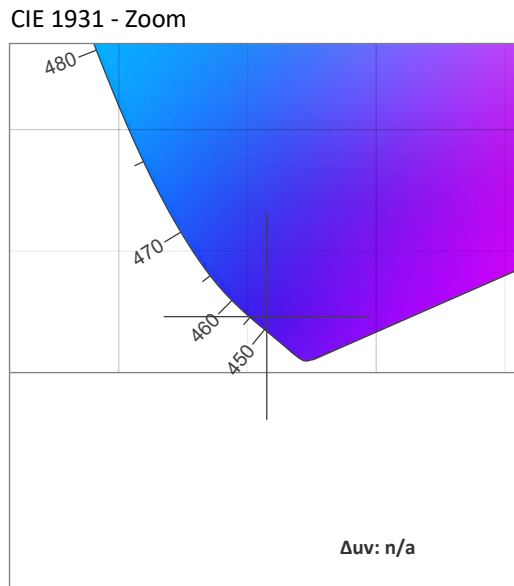
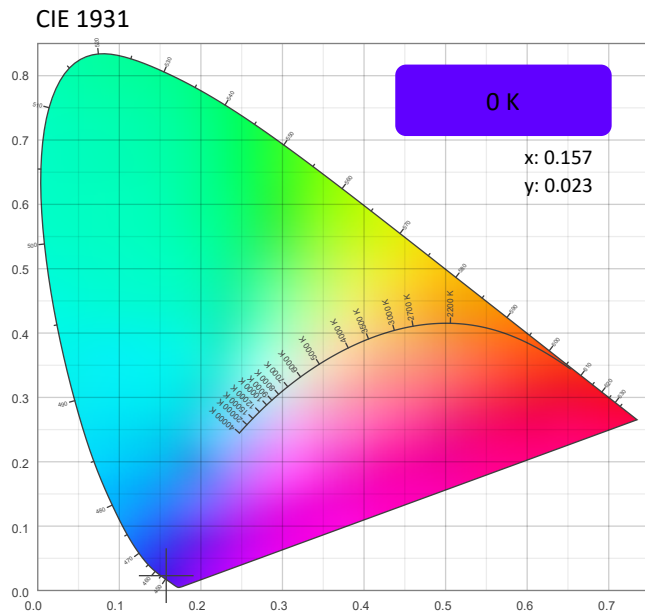
ISO Lux Diagram



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - Blue Only

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.157	0.023

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.023	0.213

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

COLORado PXL Curve 5: 50% Zoom - Blue Only

TM-30 Details

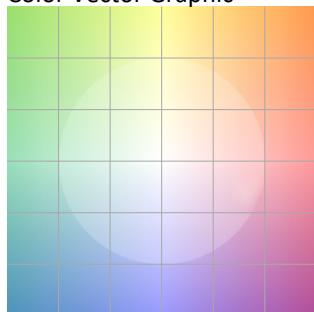
Rf 0.0

Fidelity Index
(Rg)

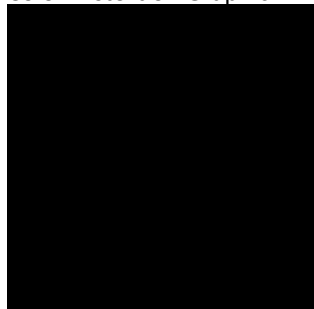
Rg 0.0

Gammut Index (Rg)

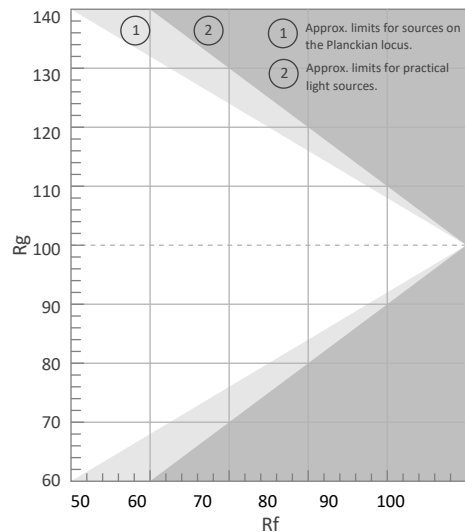
Color Vector Graphic



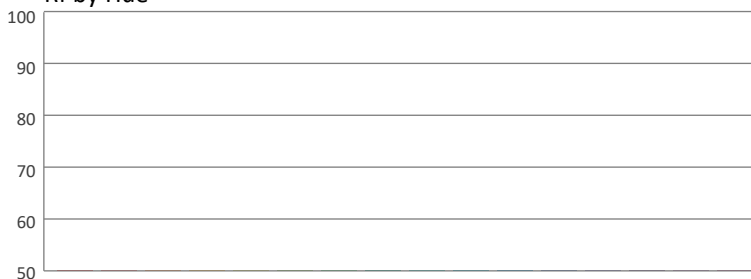
Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - White Only

Report Summary

Measurements

Fixture Output: 6503 lm

Fixture Peak: 103277 cd

Fixture Efficacy: -52368753 lm/W

Intensity @ 5m: 4131 lux

Color Temperature: 7135 K

CRI: 69.7 CRI R9 Value: -18.0

CQS: 67.0

TLCI: 45

TM-30 Rf: 67.6

TM-30 Rg: 96.2

Beam Angle (50%): 14.7°

Field Angle (10%): 21.7°

Cutoff Angle (3%): 24.3°

Conditions

AC Supply: 117 V, 60 Hz

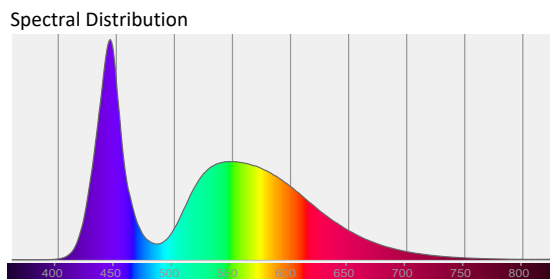
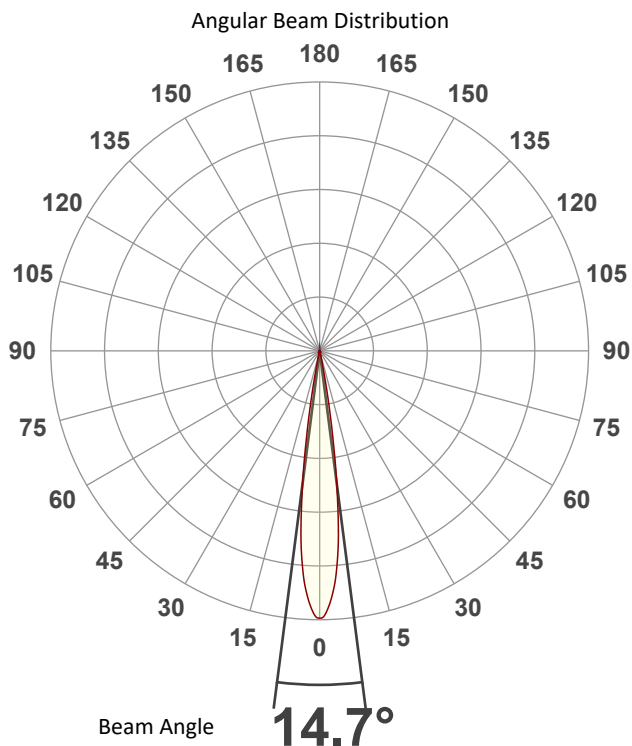
Power: 0.03 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

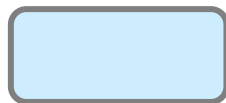
Overall Measurement



Tested Color (CIE 1931):

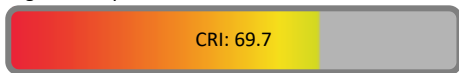
X: 0.306

Y: 0.310



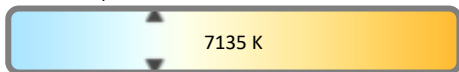
Light Quality

CRI: 69.7



Color Temperature

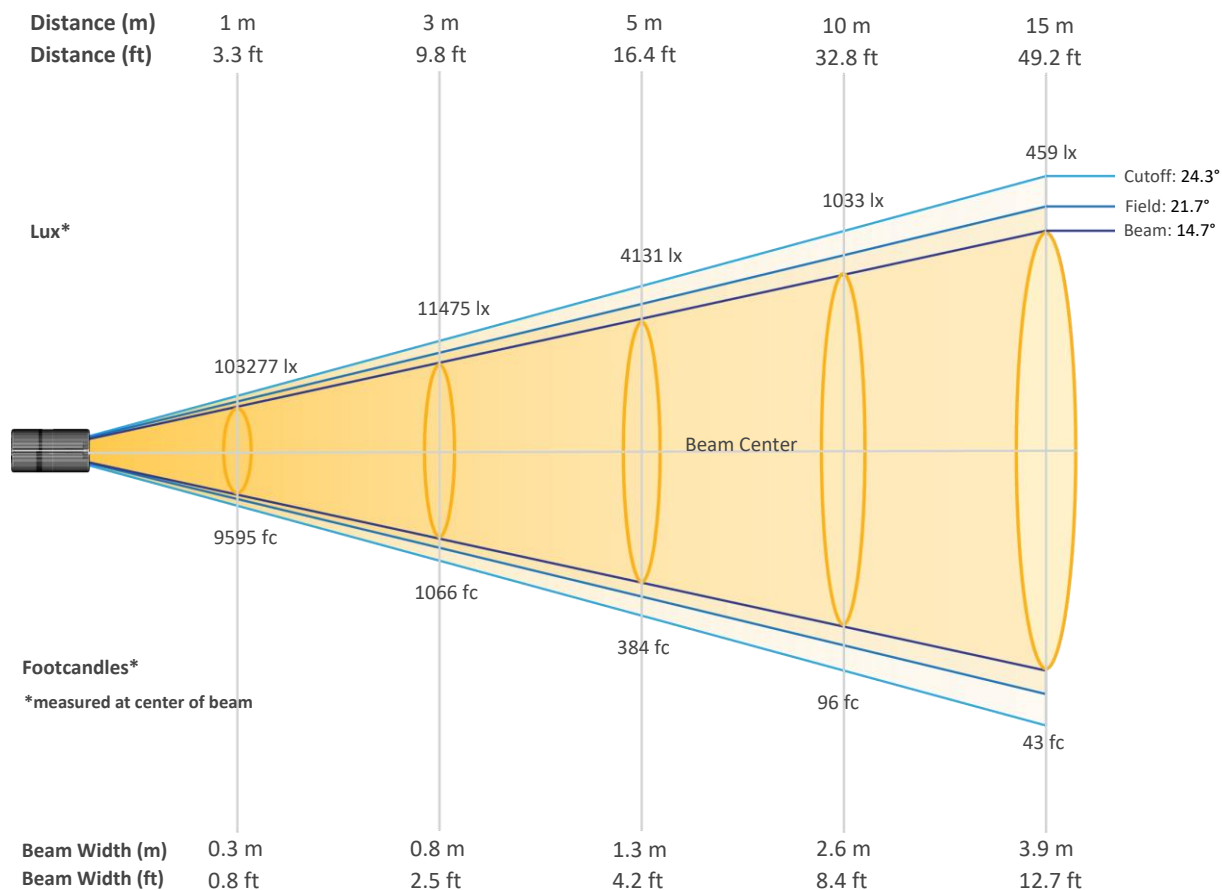
7135 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - White Only

Beam Details

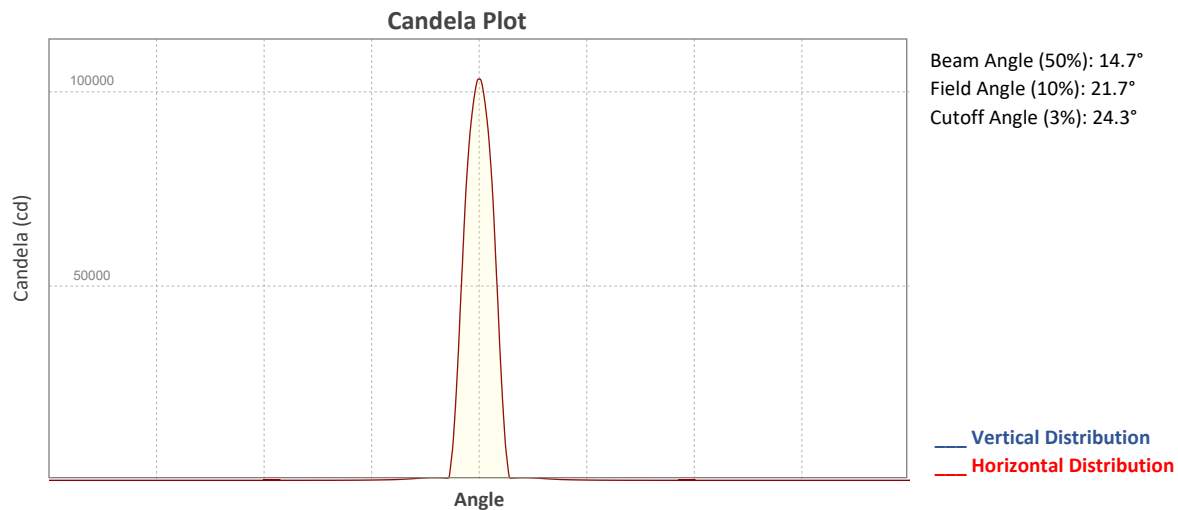


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	103277	25819	11475	6455	4131	2869	2108	1614	1275	1033
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	854	717	611	527	459	403	357	319	286	258
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9595	2399	1066	600	384	267	196	150	118	96
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	79	67	57	49	43	37	33	30	27	24

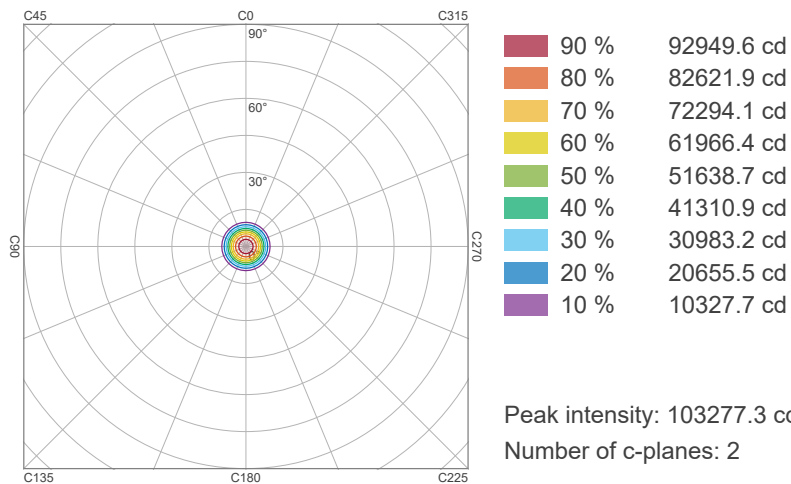
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - White Only

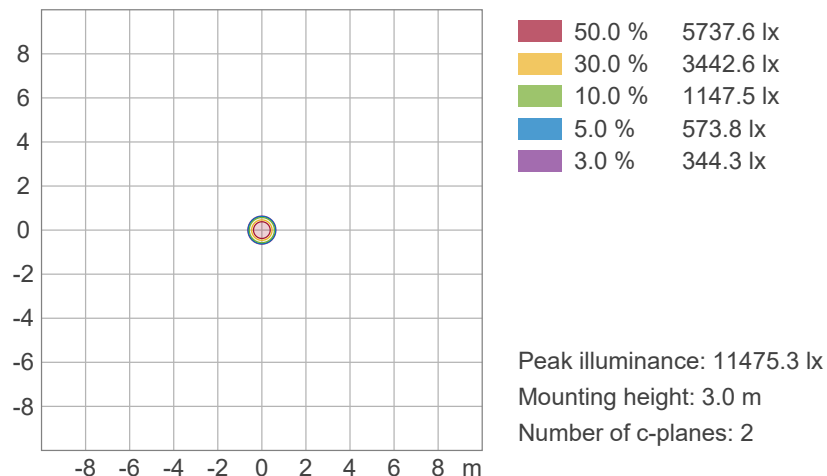


ISO Diagrams

ISO Candela Diagram



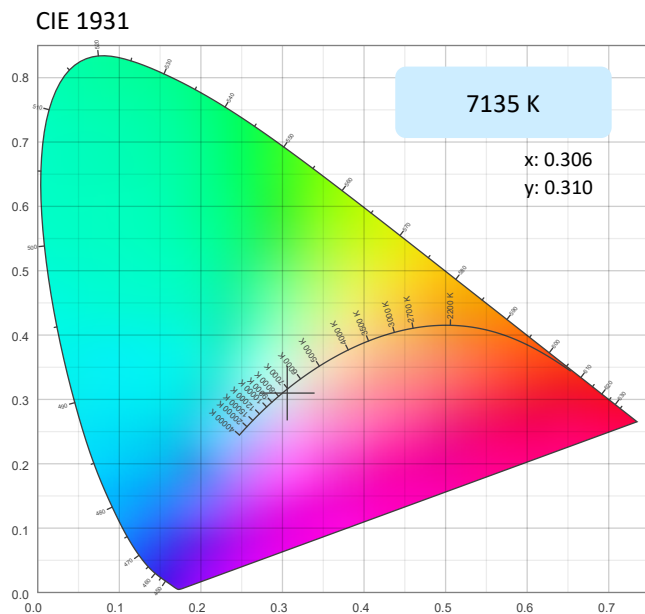
ISO Lux Diagram



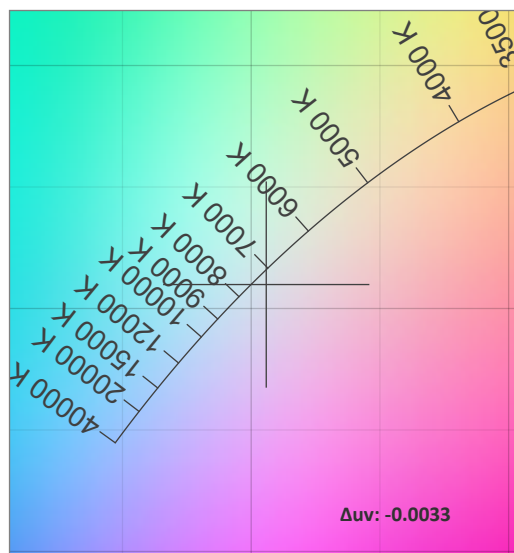
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - White Only

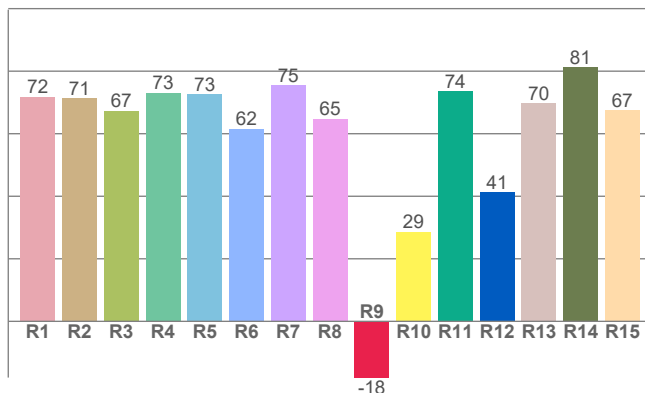
Chromaticity



CIE 1931 - Zoom



CRI: 69.7 (R1-R8)

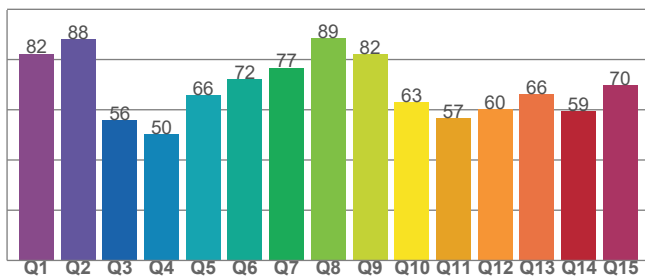


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7135 K	0.306	0.310

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0033	0.310	0.200

CQS: 67.0



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
69.7	-18.0	67.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
45	67.6	96.2

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - White Only

TM-30 Details

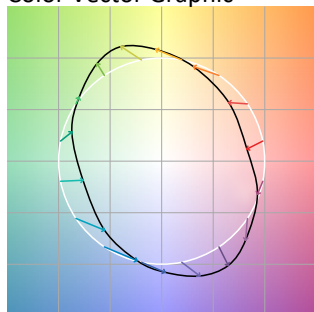
Rf 67.6

Fidelity Index
(Rg)

Rg 96.2

Gamut Index (Rg)

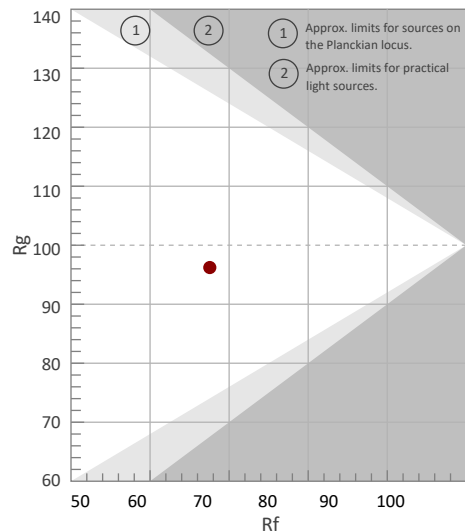
Color Vector Graphic



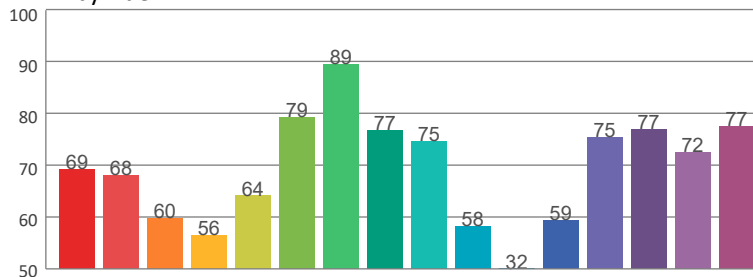
Color Distortion Graphic



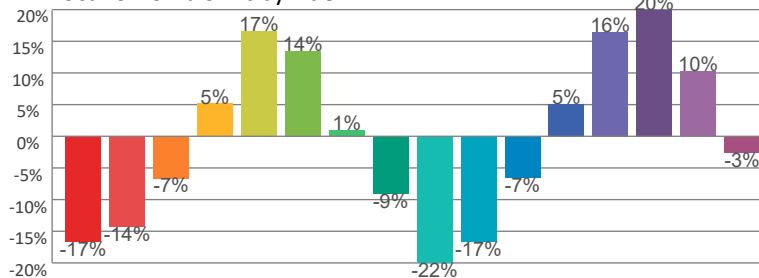
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	69	-17%	-5%
2	68	-14%	11%
3	60	-7%	25%
4	56	5%	27%
5	64	17%	17%
6	79	14%	0%
7	89	1%	-7%
8	77	-9%	-11%
9	75	-22%	3%
10	58	-17%	25%
11	32	-7%	34%
12	59	5%	24%
13	75	16%	15%
14	77	20%	-2%
15	72	10%	-18%
16	77	-3%	-13%



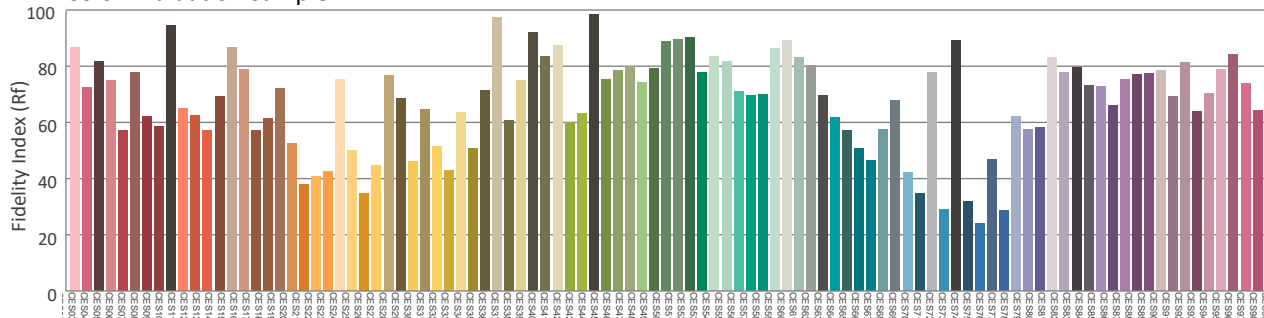
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 7500K

Report Summary

Measurements

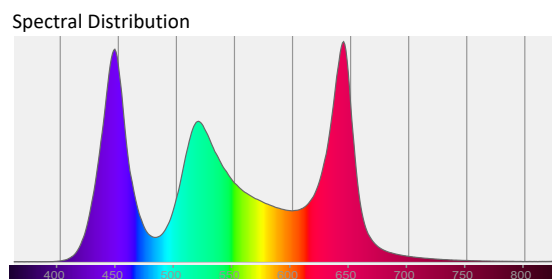
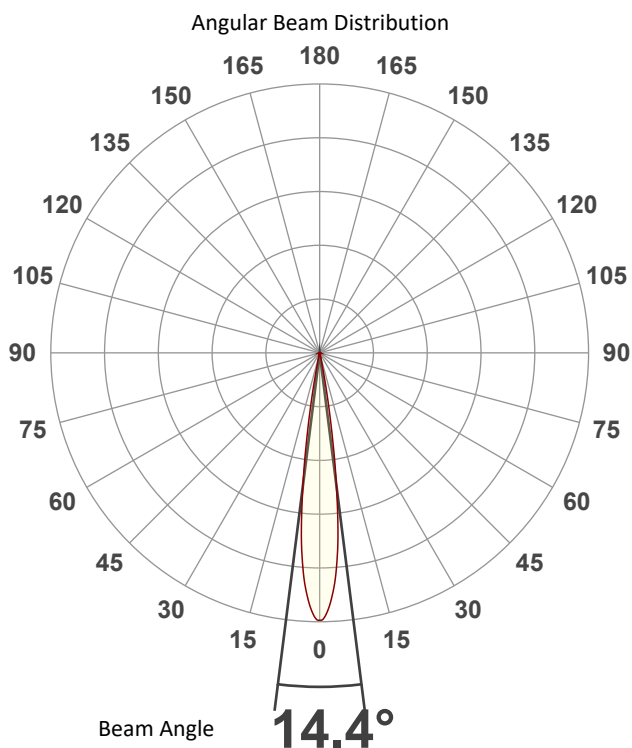
Fixture Output: 10185 lm
Fixture Peak: 165824 cd
Fixture Efficacy: -146696281 lm/W
Intensity @ 5m: 6633 lux
Color Temperature: 6930 K
CRI: 71.7 CRI R9 Value: -48.7
CQS: 85.3
TLCI: 60
TM-30 Rf: 78.5
TM-30 Rg: 118.1
Beam Angle (50%): 14.4°
Field Angle (10%): 21.5°
Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

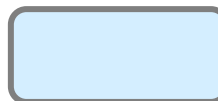
Overall Measurement



Tested Color (CIE 1931):

X: 0.309

Y: 0.311



Light Quality

CRI: 71.7

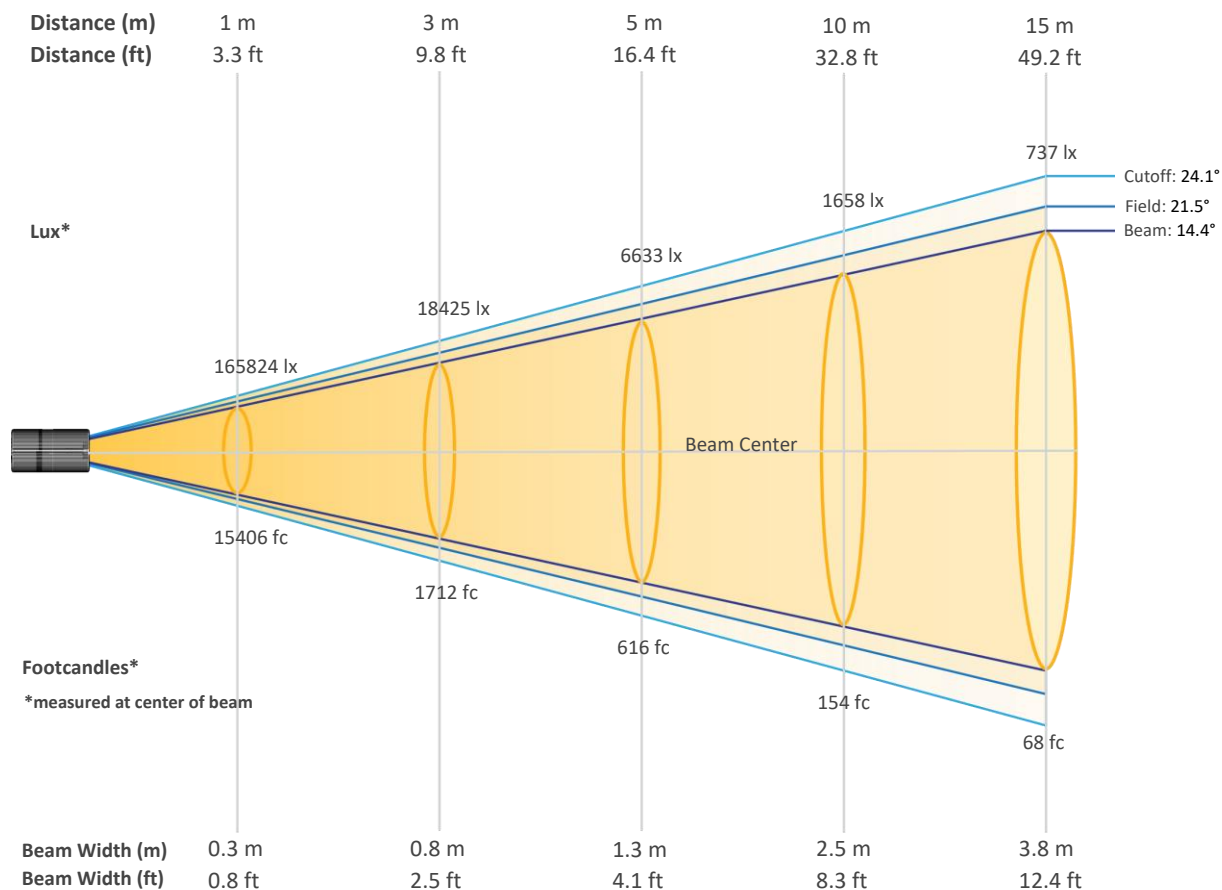
Color Temperature

6930 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 7500K

Beam Details

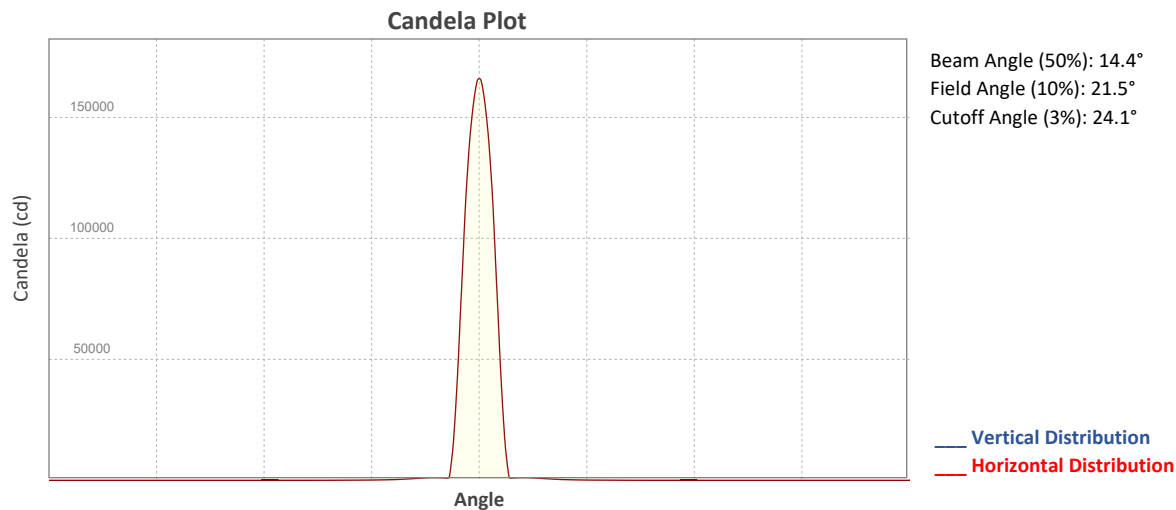


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	165824	41456	18425	10364	6633	4606	3384	2591	2047	1658
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1370	1152	981	846	737	648	574	512	459	415
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15406	3851	1712	963	616	428	314	241	190	154
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	127	107	91	79	68	60	53	48	43	39

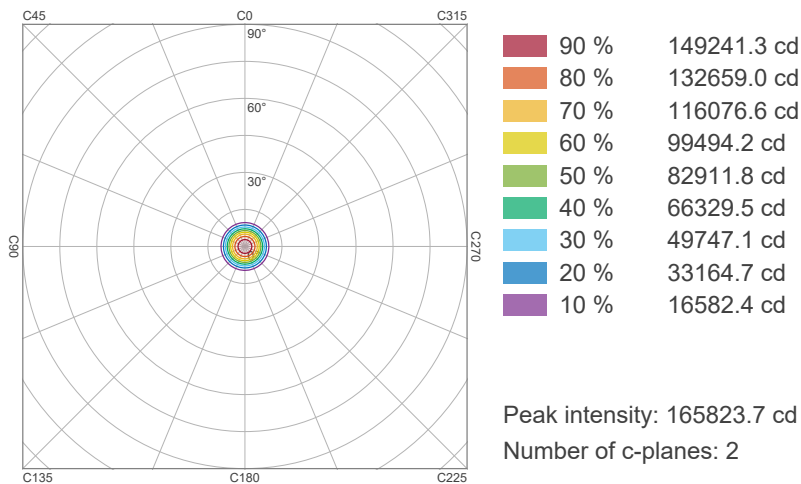
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 7500K

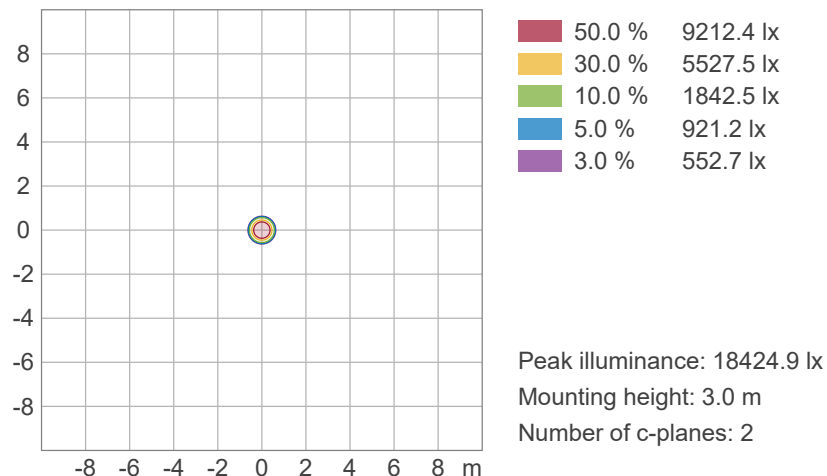


ISO Diagrams

ISO Candela Diagram



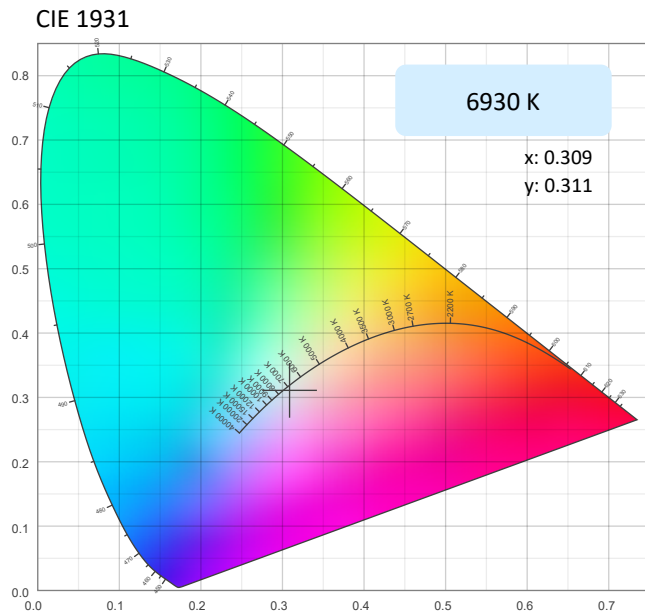
ISO Lux Diagram



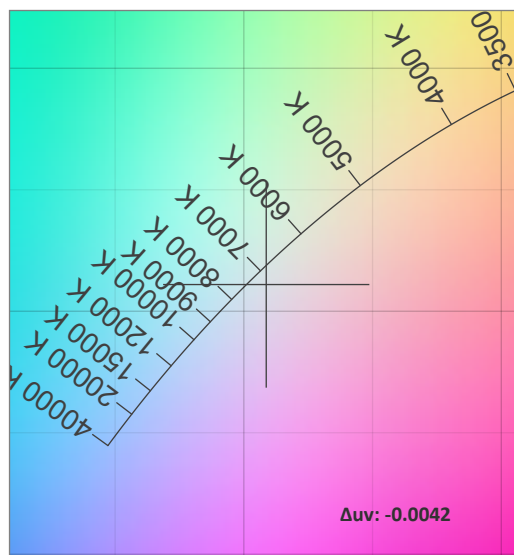
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 7500K

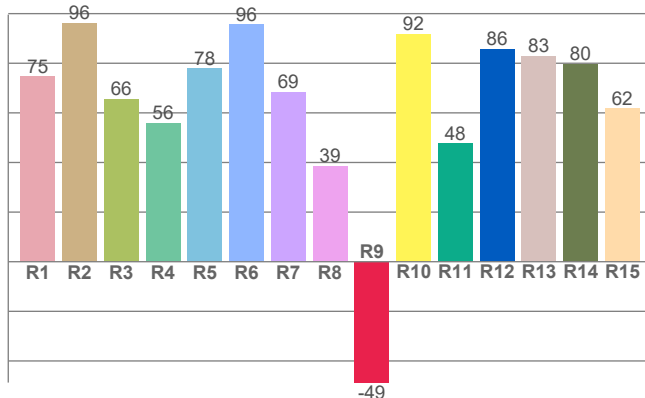
Chromaticity



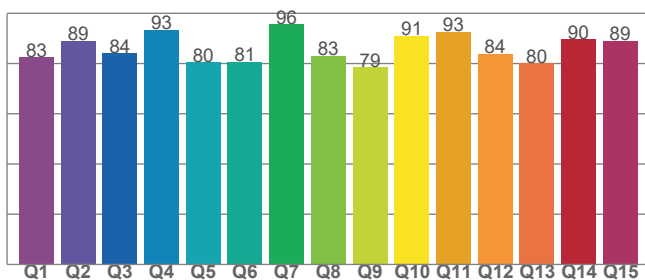
CIE 1931 - Zoom



CRI: 71.7 (R1-R8)



CQS: 85.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6930 K	0.309	0.311

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0042	0.311	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
71.7	-48.7	85.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
60	78.5	118.1

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 7500K

TM-30 Details

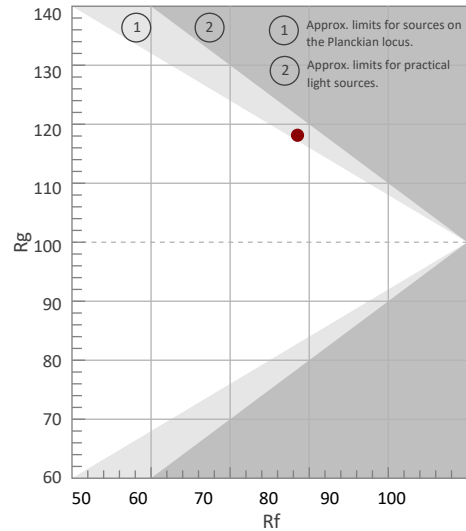
Rf 78.5

Fidelity Index
(Rg)

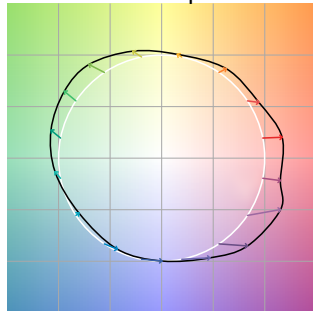
Rg 118.1

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	65	19%	-3%
2	79	8%	-7%
3	86	7%	-4%
4	91	2%	5%
5	82	7%	7%
6	76	15%	8%
7	78	15%	-1%
8	80	11%	-6%
9	89	4%	-7%
10	91	-4%	0%
11	76	-3%	13%
12	72	-2%	20%
13	68	4%	27%
14	71	17%	22%
15	61	24%	23%
16	71	17%	1%



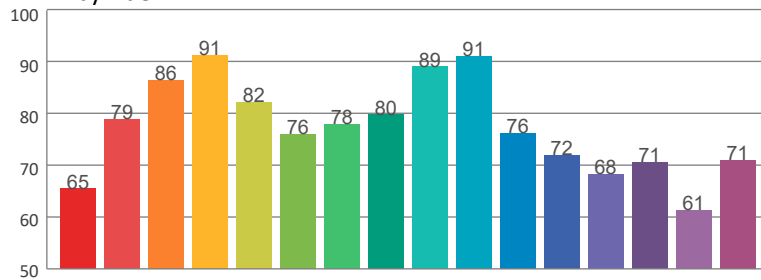
Color Vector Graphic



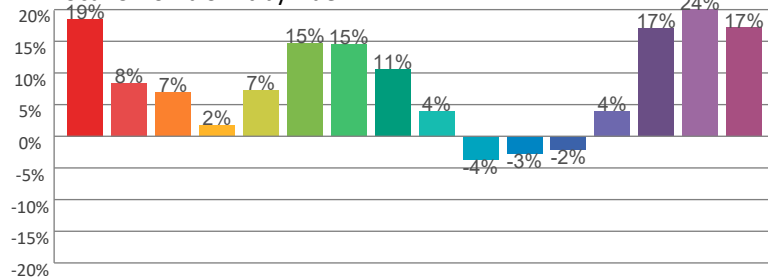
Color Distortion Graphic



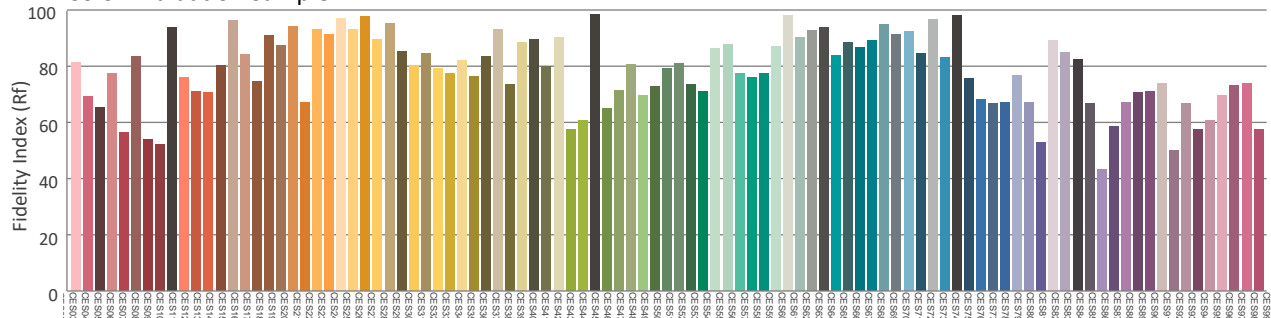
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 6500K

Report Summary

Measurements

Fixture Output: 9953 lm

Fixture Peak: 163295 cd

Fixture Efficacy: -127730179 lm/W

Intensity @ 5m: 6532 lux

Color Temperature: 6079 K

CRI: 72.4 CRI R9 Value: -39.9

CQS: 85.2

TLCI: 59

TM-30 Rf: 79.1

TM-30 Rg: 117.9

Beam Angle (50%): 14.4°

Field Angle (10%): 21.5°

Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 115 V, 60 Hz

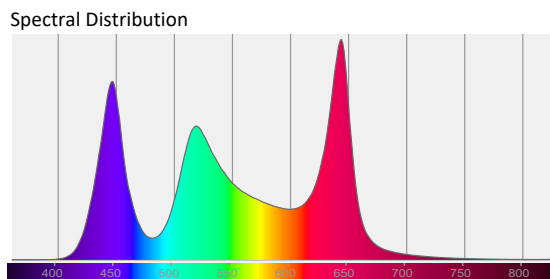
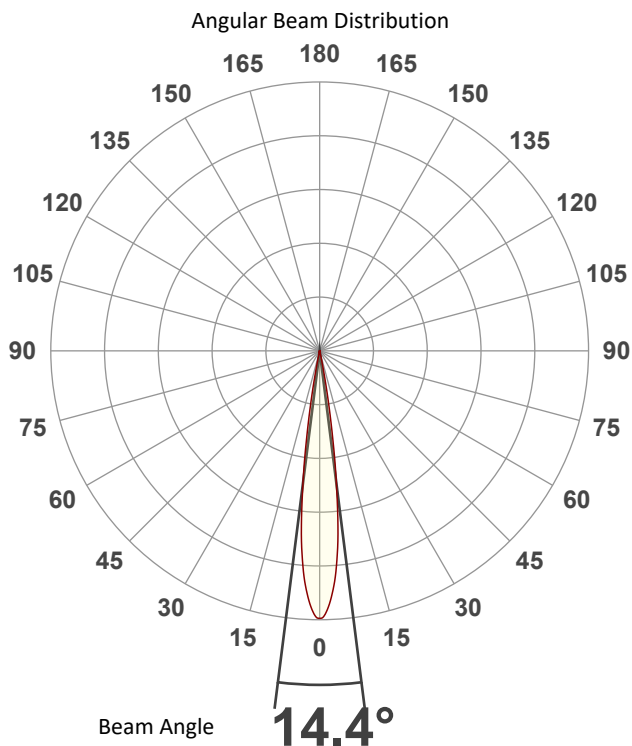
Power: 0.02 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

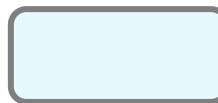
Overall Measurement



Tested Color (CIE 1931):

X: 0.321

Y: 0.327

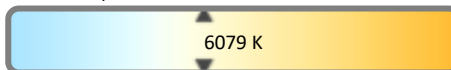


Light Quality

CRI: 72.4

Color Temperature

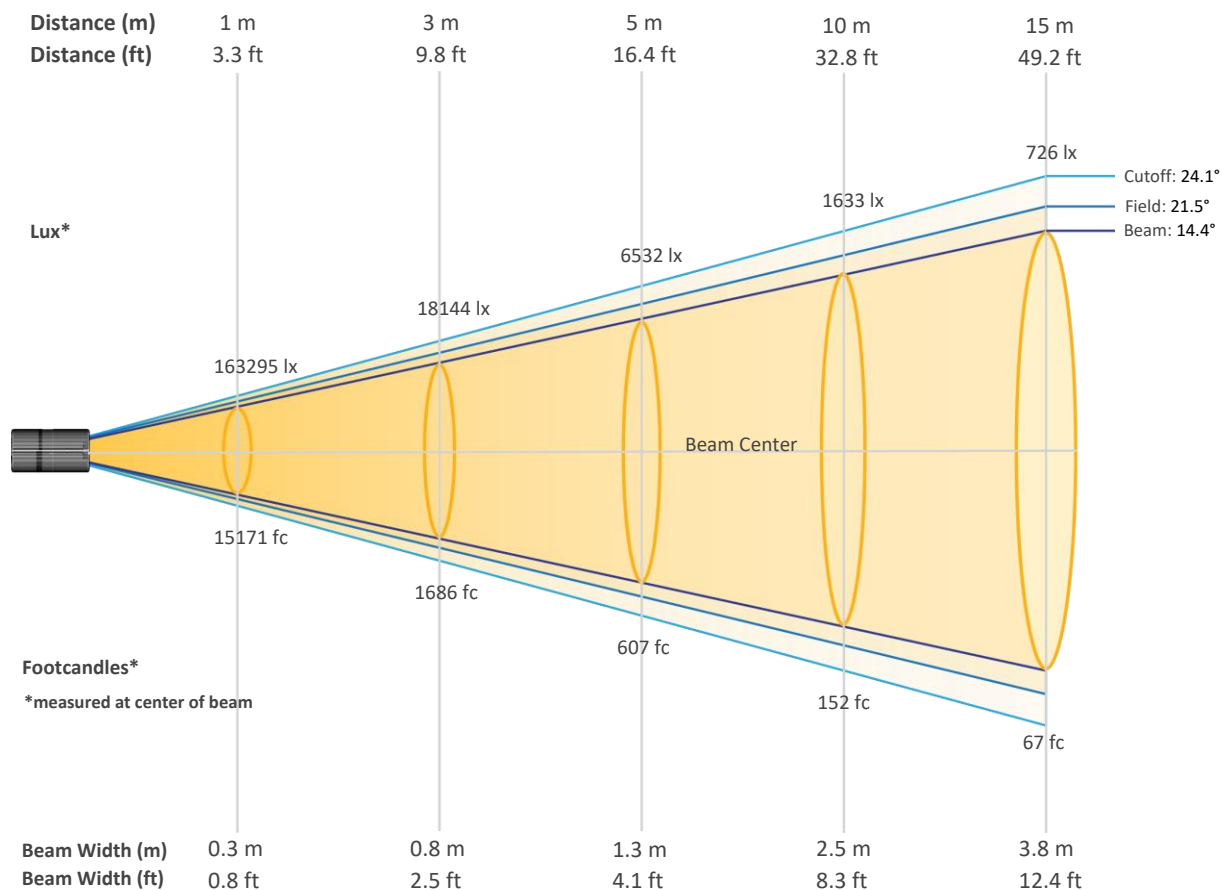
6079 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 6500K

Beam Details

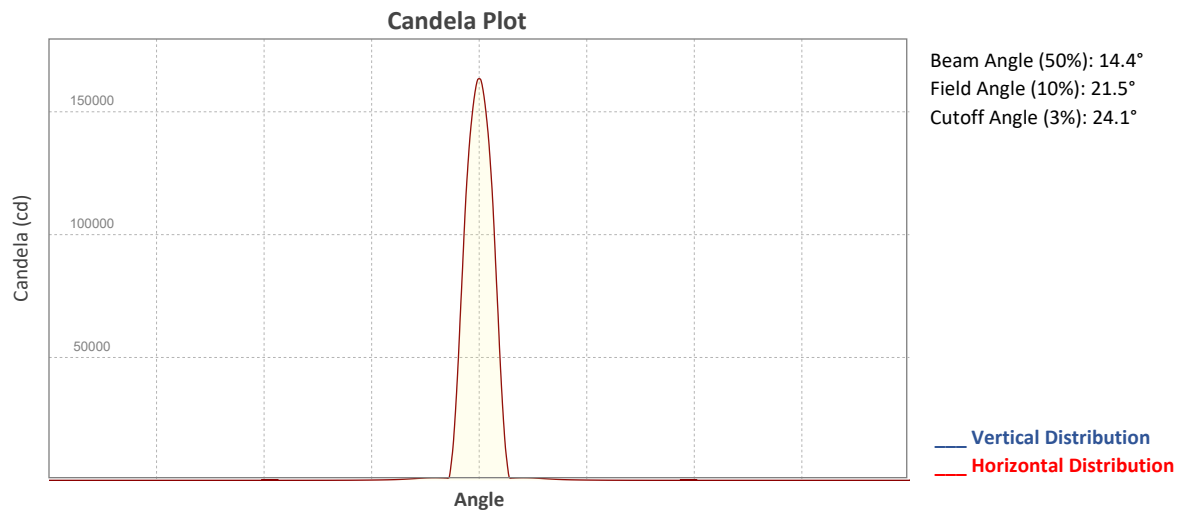


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	163295	40824	18144	10206	6532	4536	3333	2551	2016	1633
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1350	1134	966	833	726	638	565	504	452	408
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	15171	3793	1686	948	607	421	310	237	187	152
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	125	105	90	77	67	59	52	47	42	38

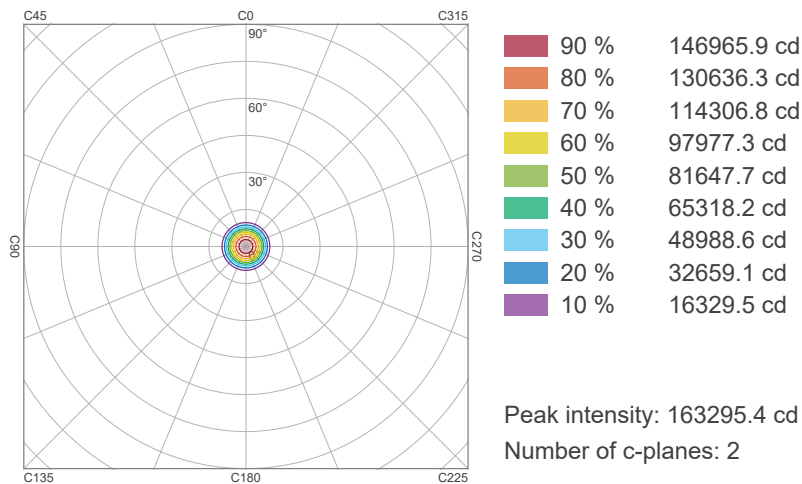
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 6500K

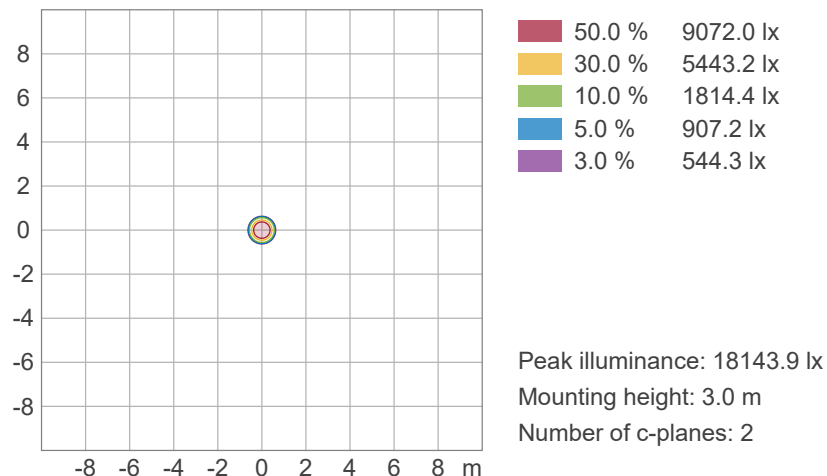


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

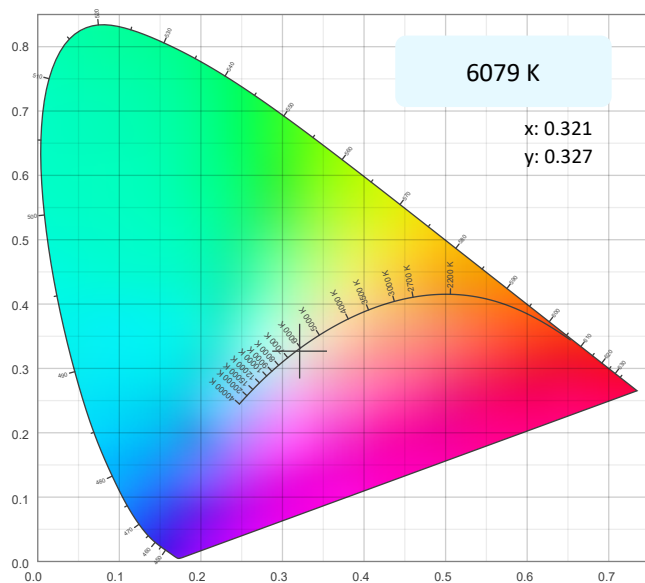


Photometric & Chromaticity Report

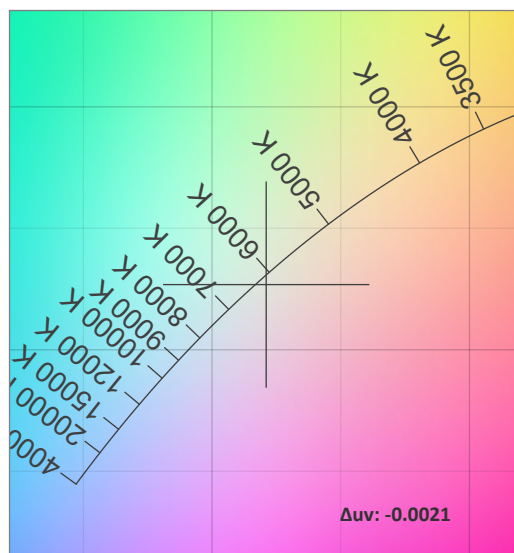
COLORado PXL Curve 5: 50% Zoom - 6500K

Chromaticity

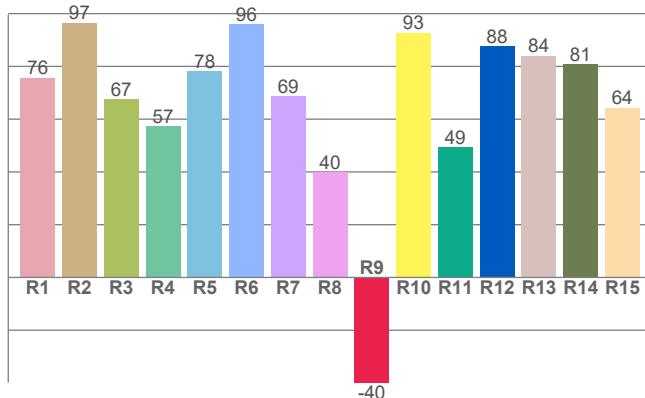
CIE 1931



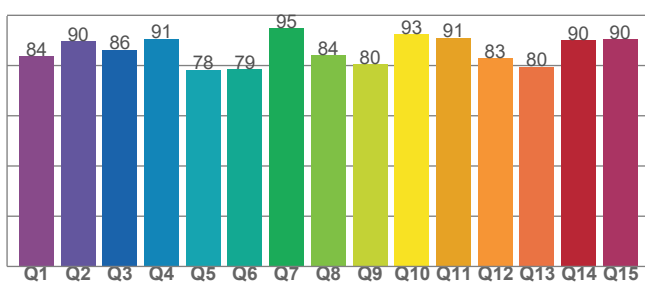
CIE 1931 - Zoom



CRI: 72.4 (R1-R8)



CQS: 85.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6079 K	0.321	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0021	0.327	0.204

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72.4	-39.9	85.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
59	79.1	117.9

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 6500K

TM-30 Details

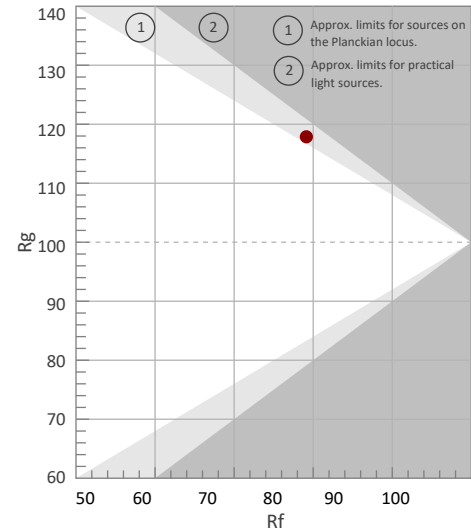
Rf 79.1

Fidelity Index
(Rg)

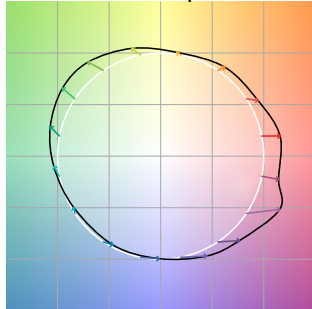
Rg 117.9

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	67	17%	-3%
2	81	9%	-8%
3	85	6%	-4%
4	91	2%	4%
5	82	8%	7%
6	76	15%	8%
7	76	16%	-2%
8	79	11%	-7%
9	87	4%	-10%
10	88	-2%	-5%
11	84	-3%	9%
12	74	-2%	18%
13	72	4%	25%
14	68	11%	18%
15	66	25%	21%
16	72	17%	0%



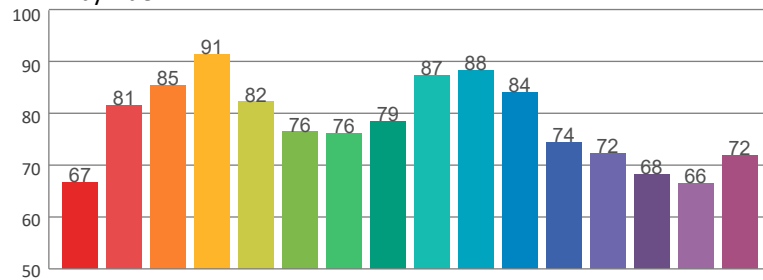
Color Vector Graphic



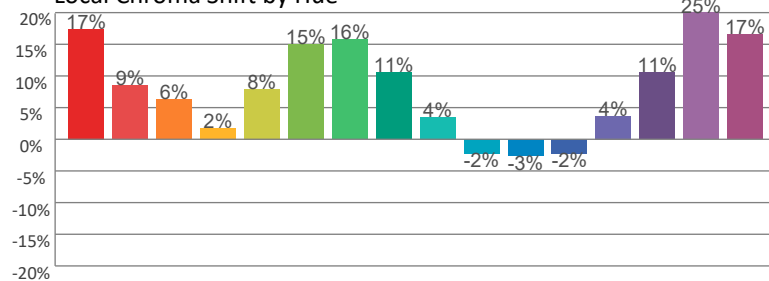
Color Distortion Graphic



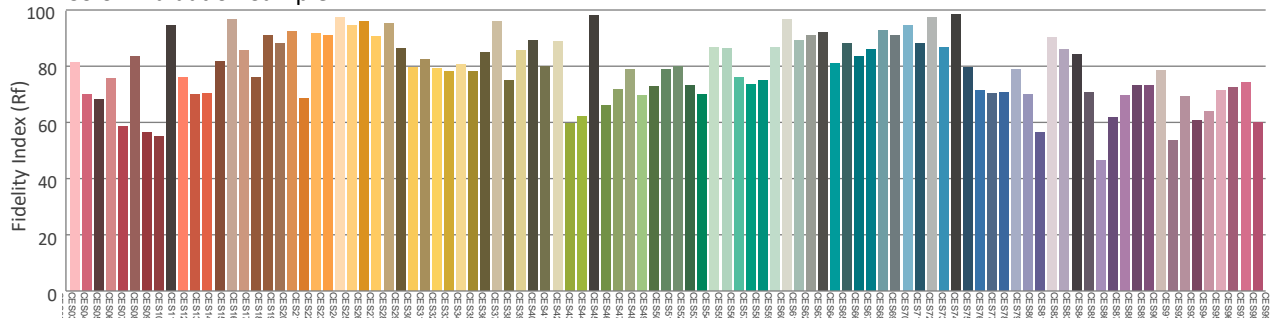
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 5600K

Report Summary

Measurements

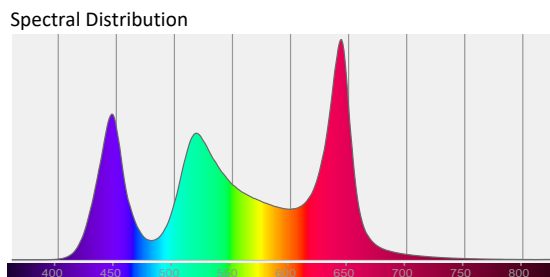
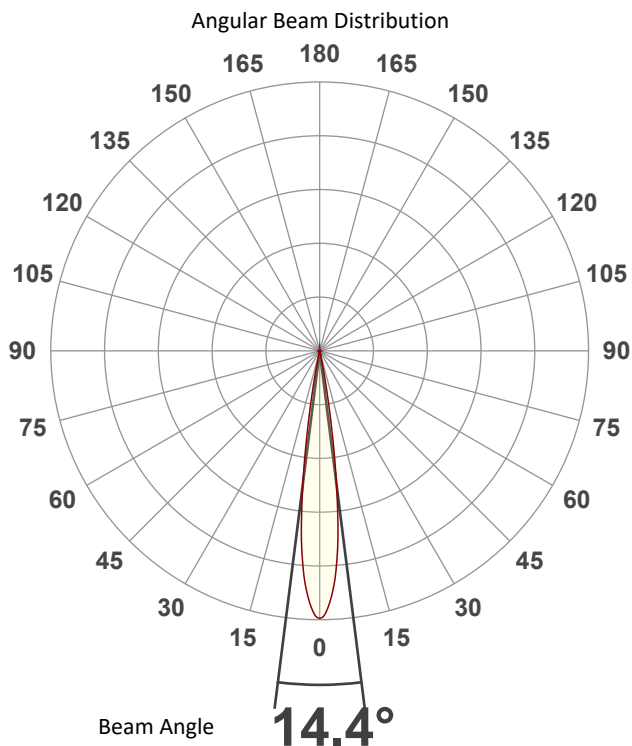
Fixture Output: 9756 lm
Fixture Peak: 158936 cd
Fixture Efficacy: -153074596 lm/W
Intensity @ 5m: 6357 lux
Color Temperature: 5395 K
CRI: 73.7 CRI R9 Value: -27.6
CQS: 85.4
TLCI: 59
TM-30 Rf: 80.0
TM-30 Rg: 117.0
Beam Angle (50%): 14.4°
Field Angle (10%): 21.5°
Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.335

Y: 0.344



Light Quality

CRI: 73.7

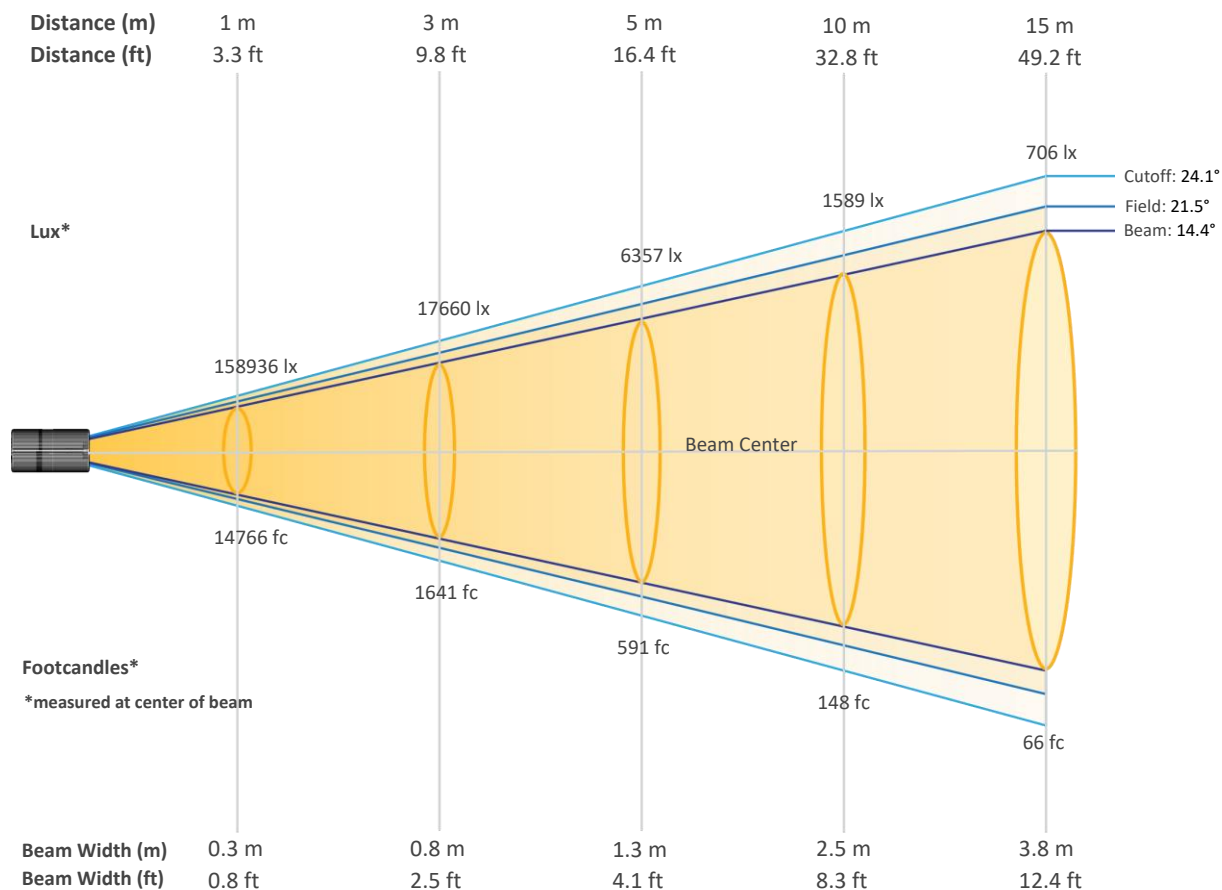
Color Temperature

5395 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 5600K

Beam Details

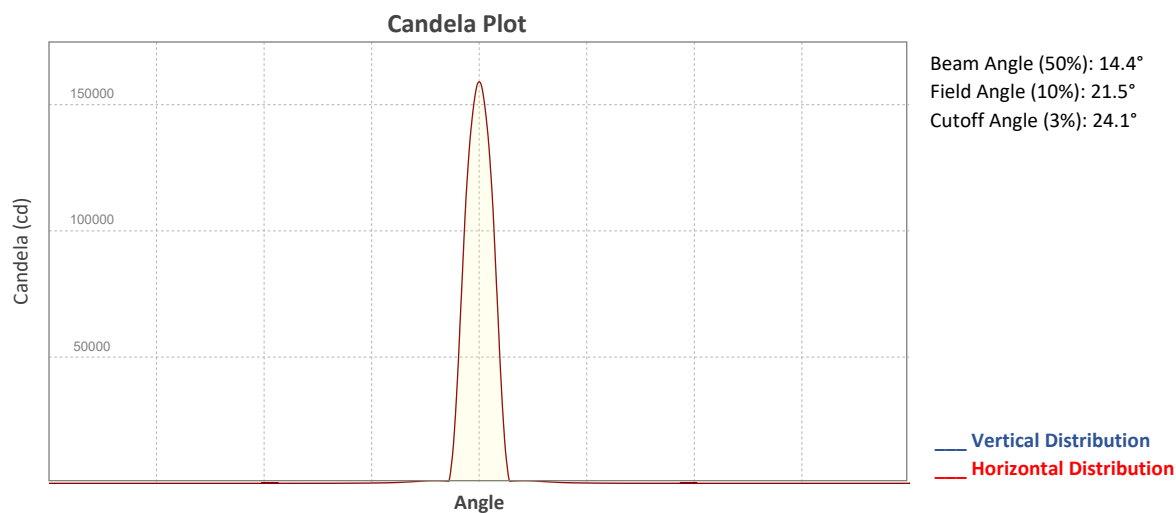


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	158936	39734	17660	9933	6357	4415	3244	2483	1962	1589
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1314	1104	940	811	706	621	550	491	440	397
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	14766	3691	1641	923	591	410	301	231	182	148
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	122	103	87	75	66	58	51	46	41	37

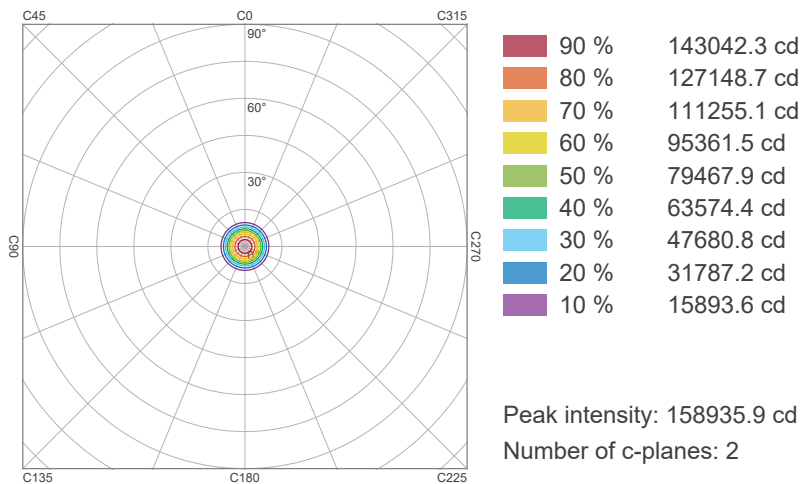
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 5600K

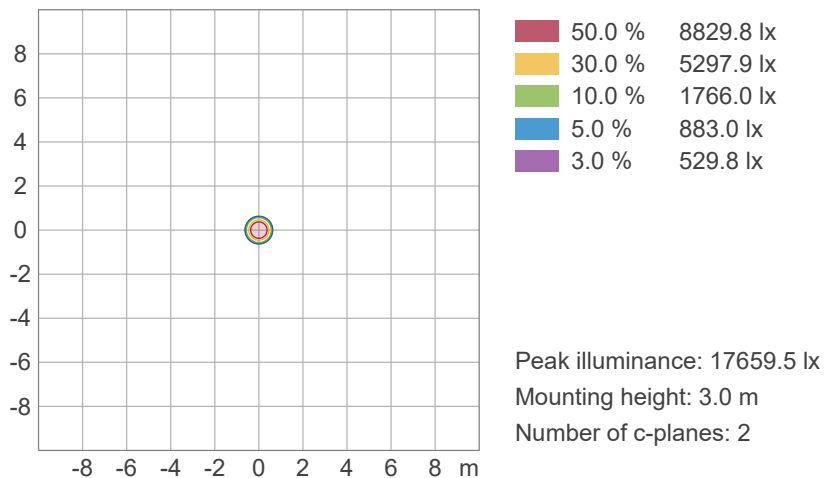


ISO Diagrams

ISO Candela Diagram



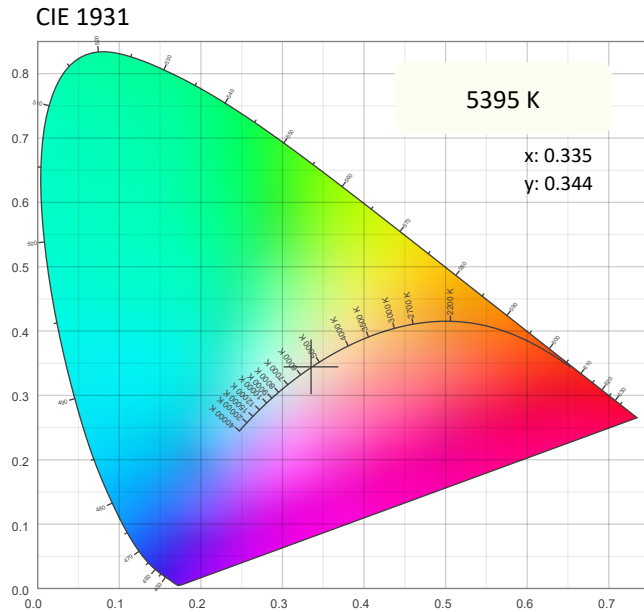
ISO Lux Diagram



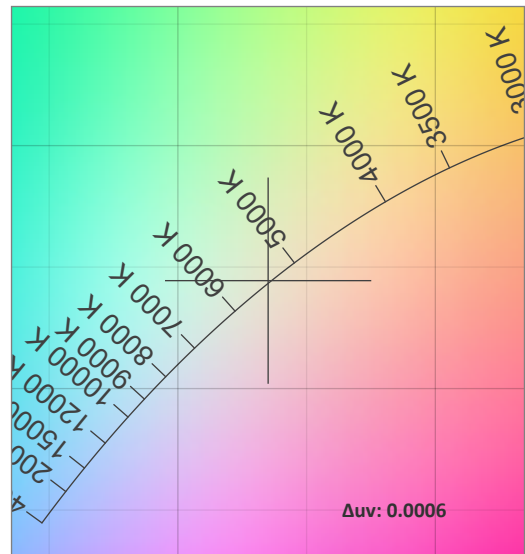
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 5600K

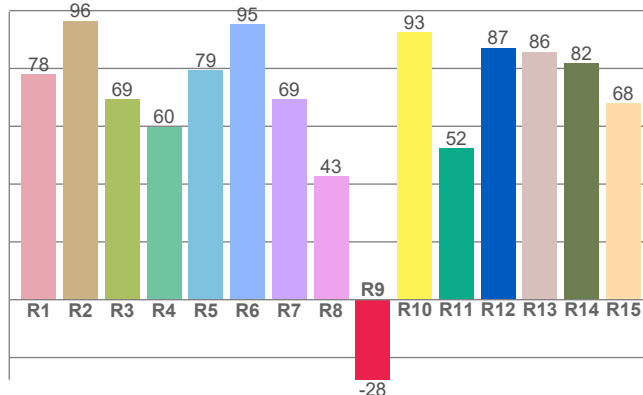
Chromaticity



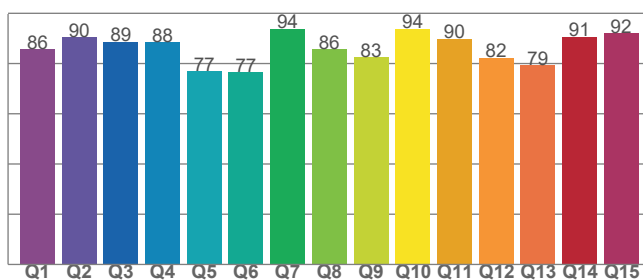
CIE 1931 - Zoom



CRI: 73.7 (R1-R8)



CQS: 85.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5395 K	0.335	0.344

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0006	0.344	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.7	-27.6	85.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
59	80.0	117.0

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 5600K

TM-30 Details

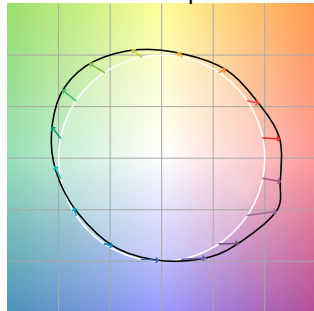
Rf 80.0

Fidelity Index
(Rg)

Rg 117.0

Gammut Index (Rg)

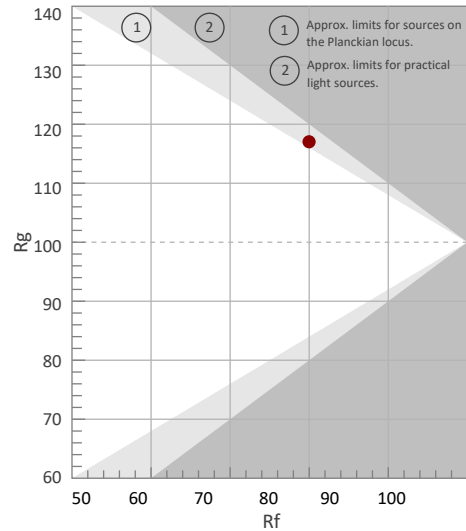
Color Vector Graphic



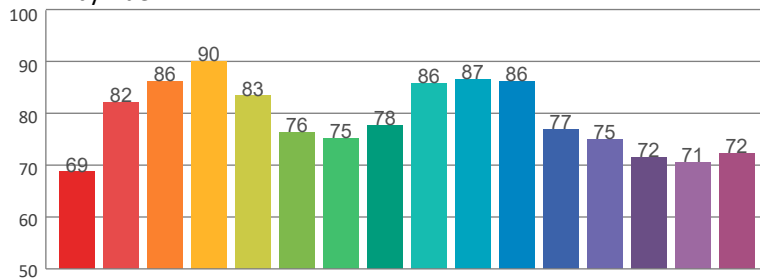
Color Distortion Graphic



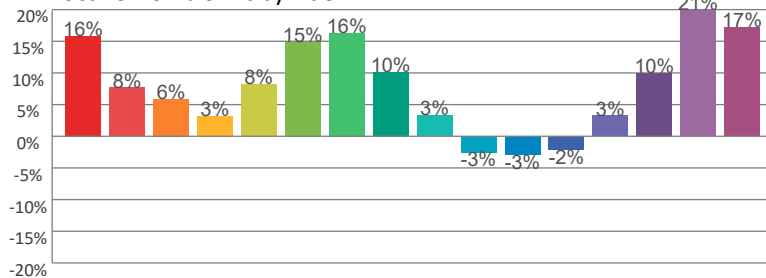
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	69	16%	-4%
2	82	8%	-8%
3	86	6%	-3%
4	90	3%	4%
5	83	8%	7%
6	76	15%	7%
7	75	16%	-2%
8	78	10%	-8%
9	86	3%	-12%
10	87	-3%	-7%
11	86	-3%	7%
12	77	-2%	16%
13	75	3%	22%
14	72	10%	16%
15	71	21%	19%
16	72	17%	0%



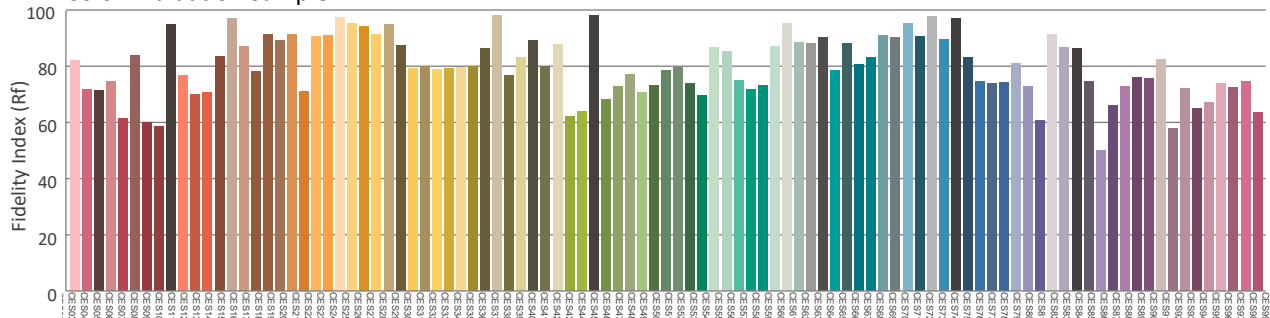
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 4000K

Report Summary

Measurements

Fixture Output: 7058 lm

Fixture Peak: 115722 cd

Fixture Efficacy: -101040267 lm/W

Intensity @ 5m: 4629 lux

Color Temperature: 4076 K

CRI: 57.0 CRI R9 Value: -93.1

CQS: 73.3

TLCI: 35

TM-30 Rf: 72.5

TM-30 Rg: 120.2

Beam Angle (50%): 14.3°

Field Angle (10%): 21.4°

Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 116 V, 60 Hz

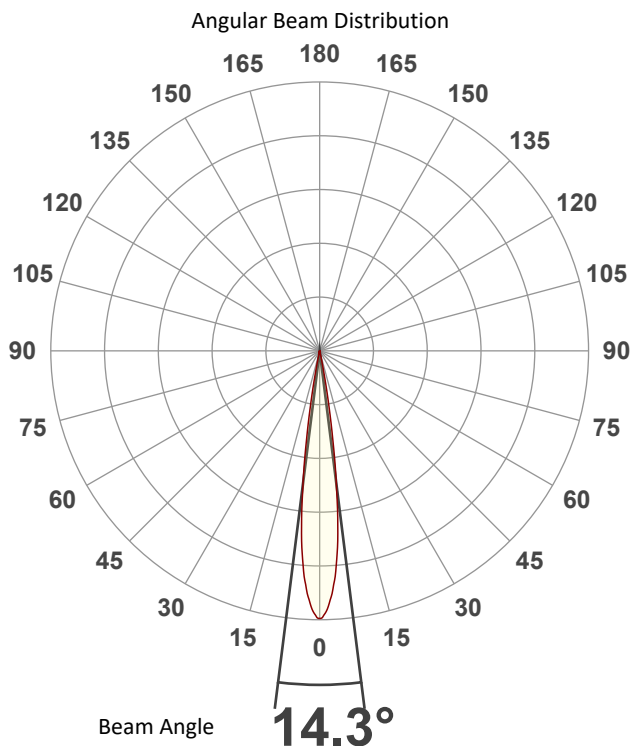
Power: 0.02 W

Current: 0.000 A

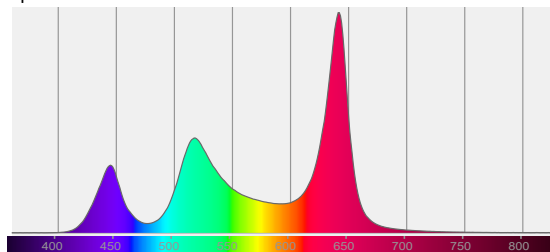
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



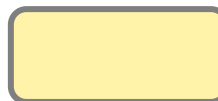
Spectral Distribution



Tested Color (CIE 1931):

X: 0.378

Y: 0.377



Light Quality

CRI: 57.0

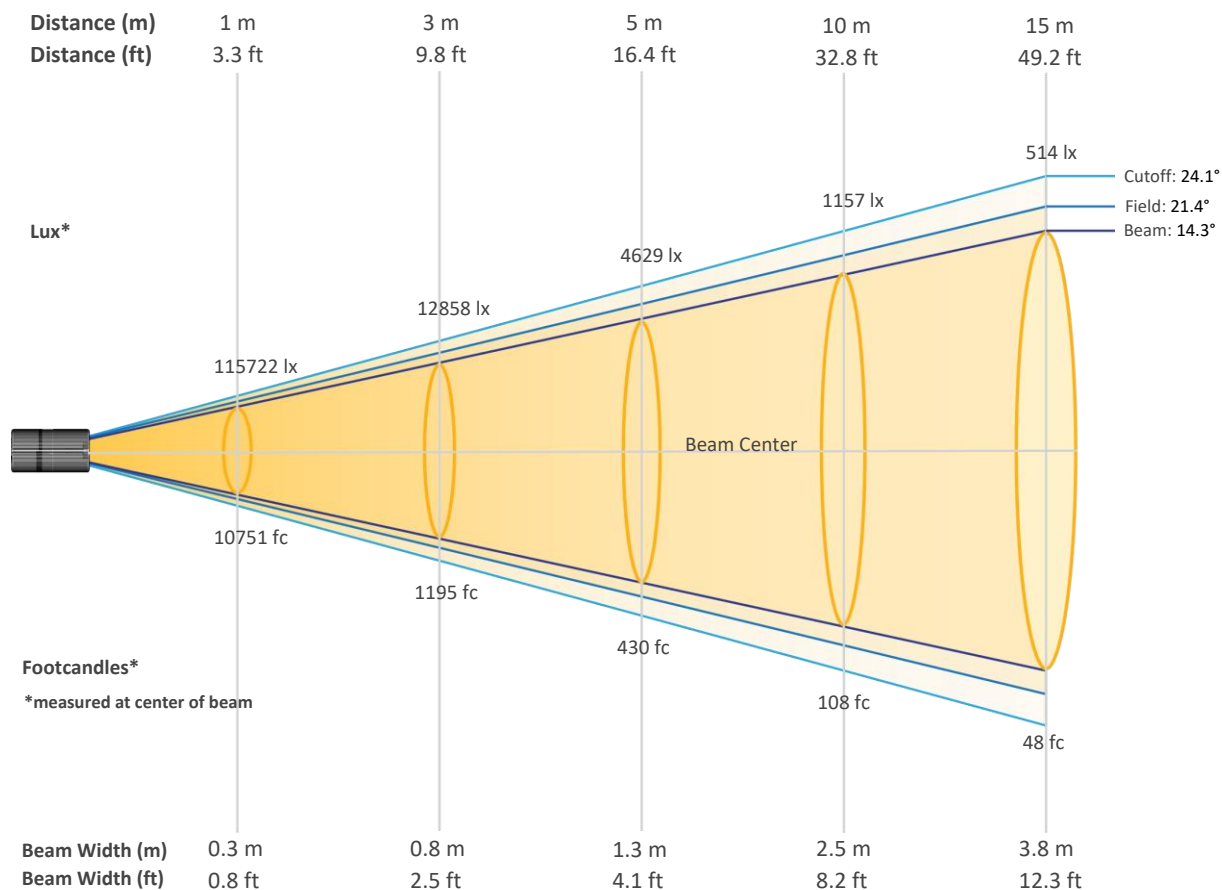
Color Temperature

4076 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 4000K

Beam Details

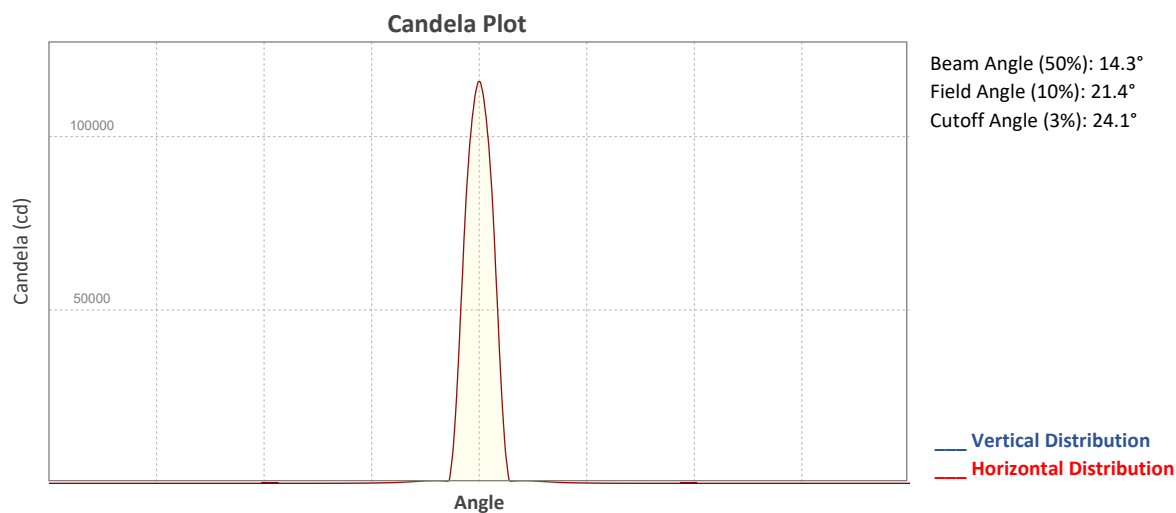


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	115722	28930	12858	7233	4629	3214	2362	1808	1429	1157
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	956	804	685	590	514	452	400	357	321	289
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10751	2688	1195	672	430	299	219	168	133	108
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	89	75	64	55	48	42	37	33	30	27

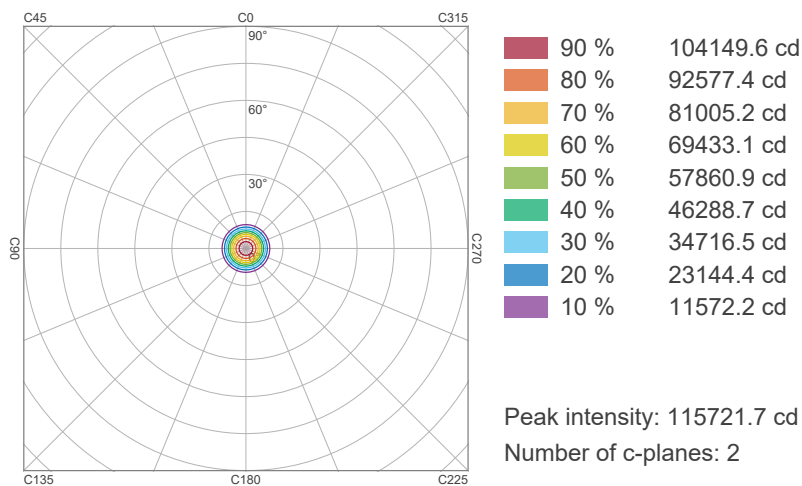
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 4000K

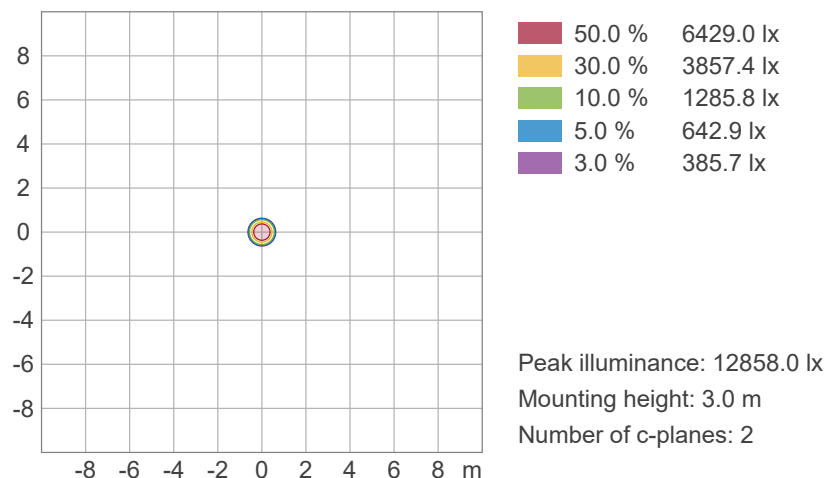


ISO Diagrams

ISO Candela Diagram



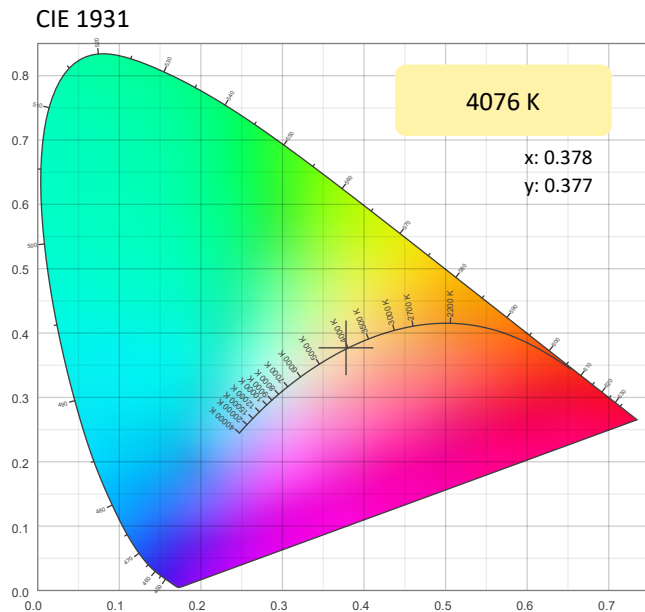
ISO Lux Diagram



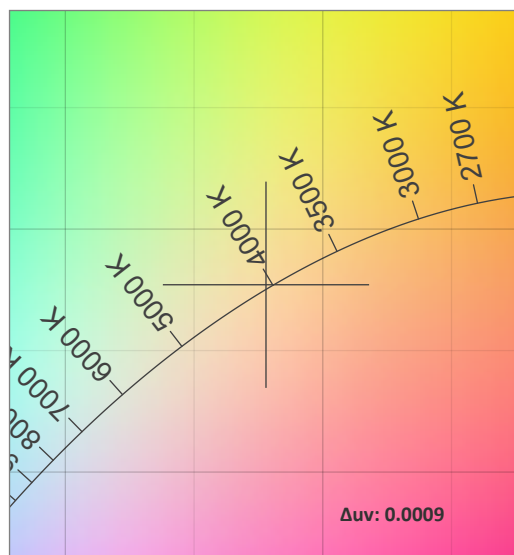
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 4000K

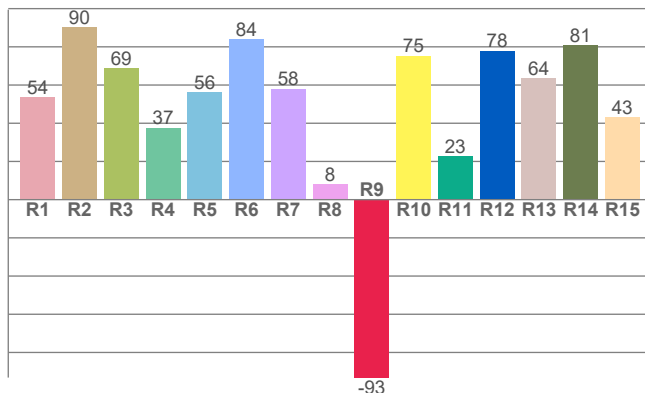
Chromaticity



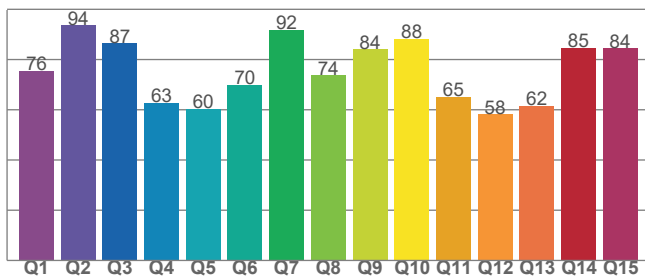
CIE 1931 - Zoom



CRI: 57.0 (R1-R8)



CQS: 73.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4076 K	0.378	0.377

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0009	0.377	0.223

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
57.0	-93.1	73.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
35	72.5	120.2

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 4000K

TM-30 Details

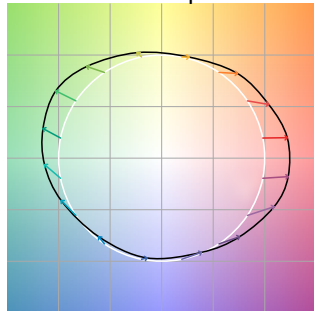
Rf 72.5

Fidelity Index
(Rg)

Rg 120.2

Gammut Index (Rg)

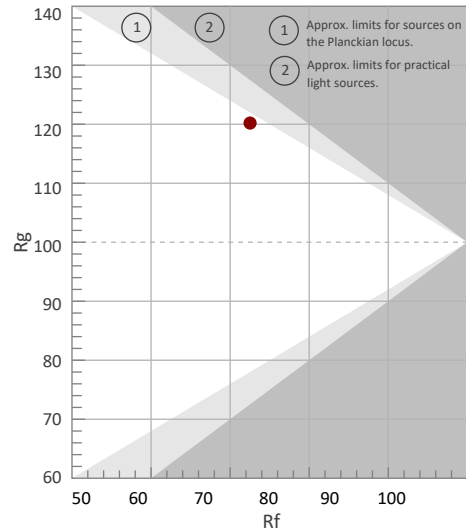
Color Vector Graphic



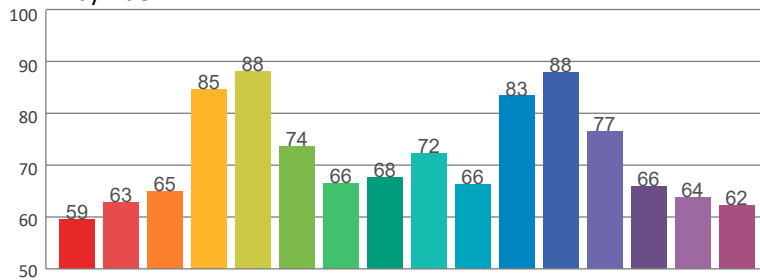
Color Distortion Graphic



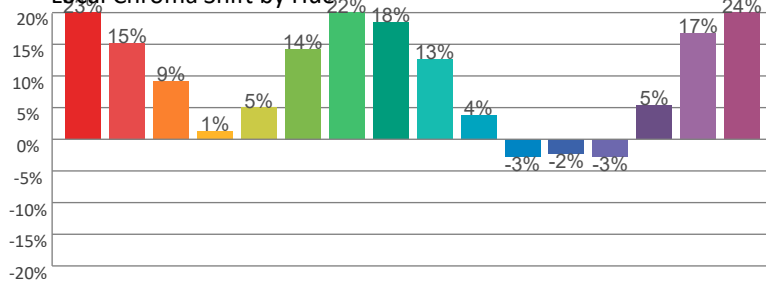
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	59	23%	-4%
2	63	15%	-14%
3	65	9%	-15%
4	85	1%	-7%
5	88	5%	3%
6	74	14%	11%
7	66	22%	3%
8	68	18%	-6%
9	72	13%	-16%
10	66	4%	-20%
11	83	-3%	-8%
12	88	-2%	5%
13	77	-3%	20%
14	66	5%	20%
15	64	17%	21%
16	62	24%	6%



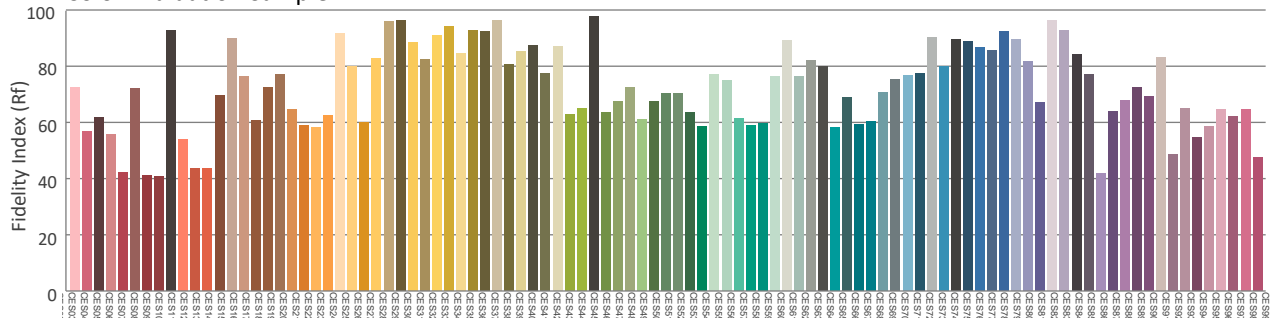
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 3200K

Report Summary

Measurements

Fixture Output: 5207 lm

Fixture Peak: 84955 cd

Fixture Efficacy: -46538333 lm/W

Intensity @ 5m: 3398 lux

Color Temperature: 3202 K

CRI: 32.4 CRI R9 Value: -149.8

CQS: 56.1

TLCI: 17

TM-30 Rf: 58.6

TM-30 Rg: 120.3

Beam Angle (50%): 14.3°

Field Angle (10%): 21.4°

Cutoff Angle (3%): 24.2°

Conditions

AC Supply: 116 V, 60 Hz

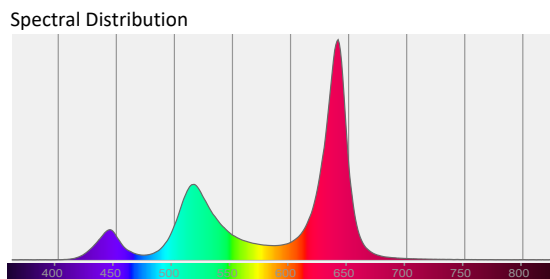
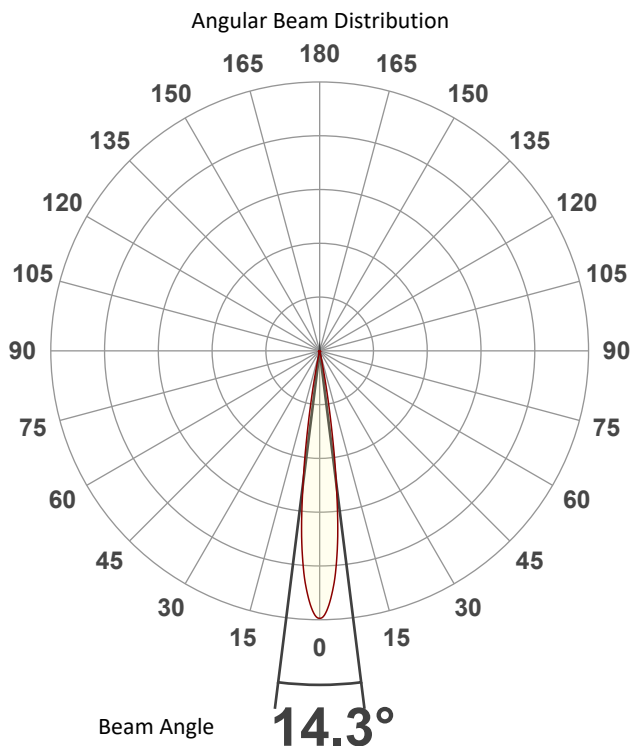
Power: 0.02 W

Current: 0.000 A

Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

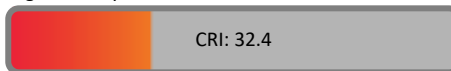
X: 0.424

Y: 0.400



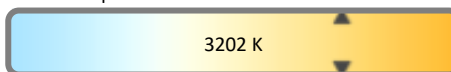
Light Quality

CRI: 32.4



Color Temperature

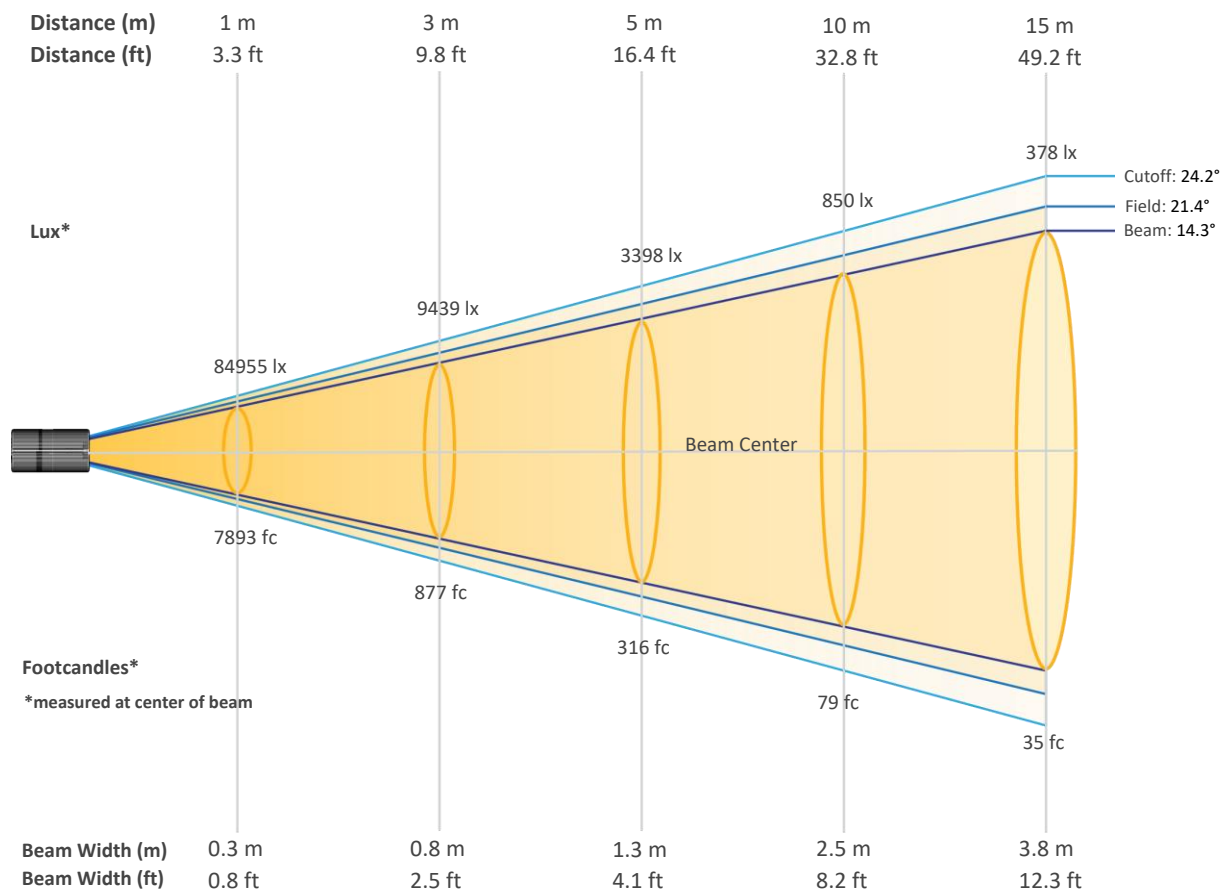
3202 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 3200K

Beam Details

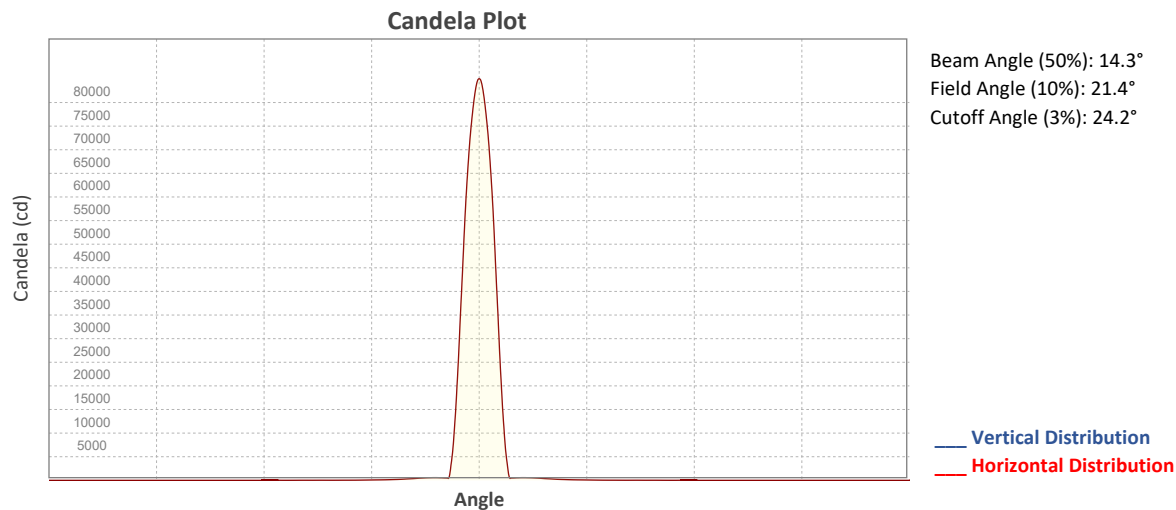


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	84955	21239	9439	5310	3398	2360	1734	1327	1049	850
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	702	590	503	433	378	332	294	262	235	212
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7893	1973	877	493	316	219	161	123	97	79
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	65	55	47	40	35	31	27	24	22	20

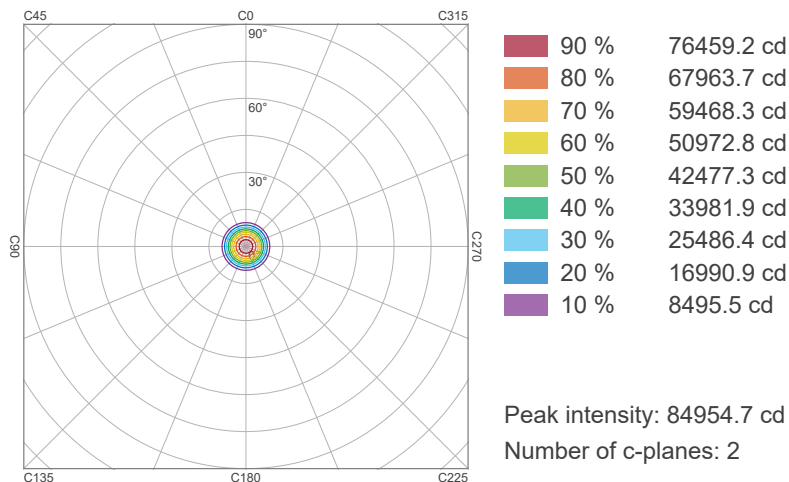
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 3200K

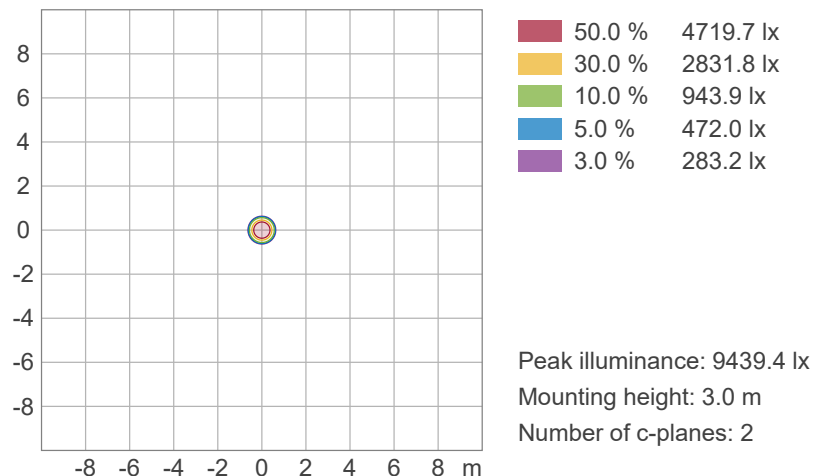


ISO Diagrams

ISO Candela Diagram



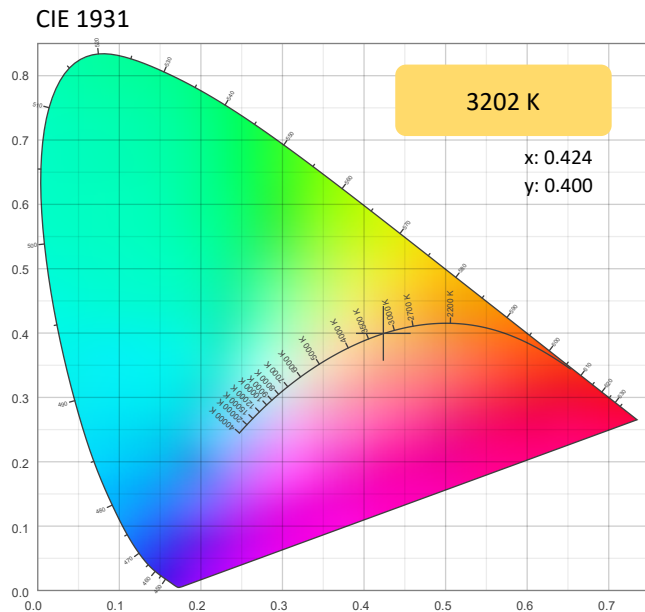
ISO Lux Diagram



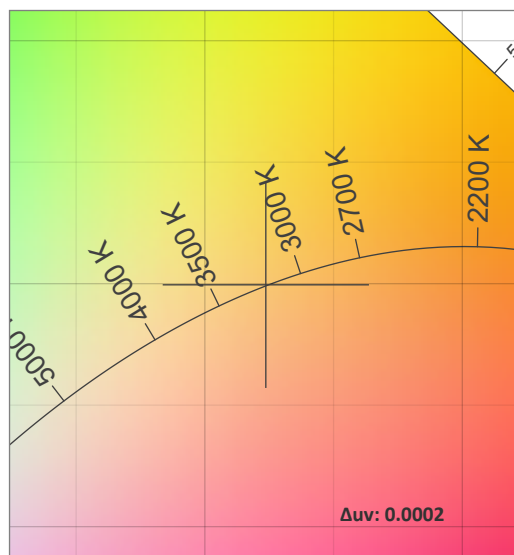
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 3200K

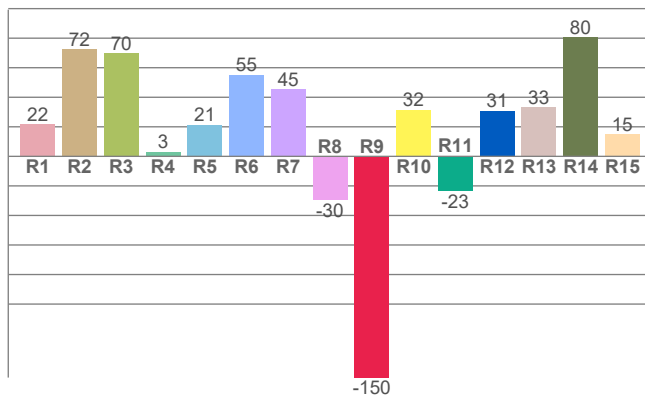
Chromaticity



CIE 1931 - Zoom



CRI: 32.4 (R1-R8)

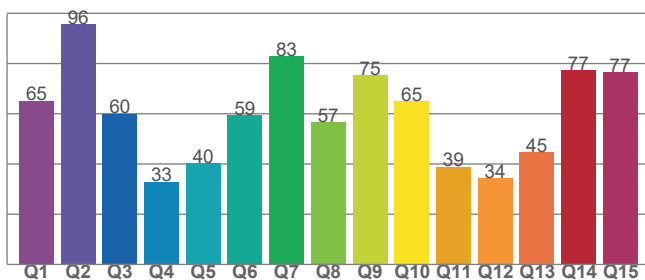


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3202 K	0.424	0.400

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.400	0.244

CQS: 56.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
32.4	-149.8	56.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
17	58.6	120.3

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 3200K

TM-30 Details

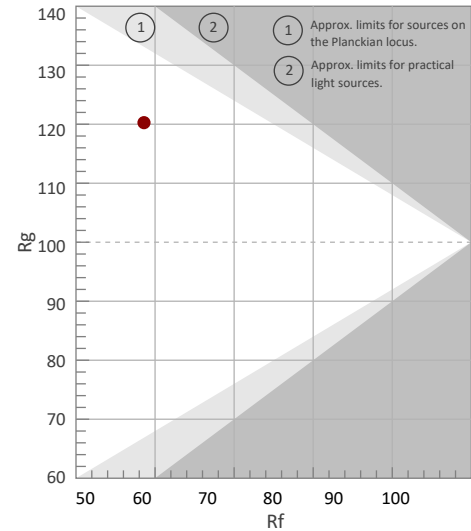
Rf 58.6

Fidelity Index
(Rg)

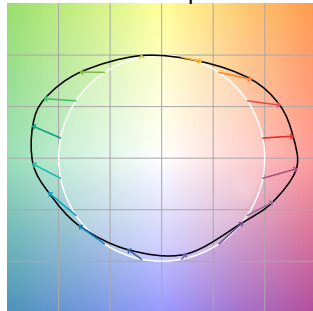
Rg 120.3

Gammut Index (Rg)

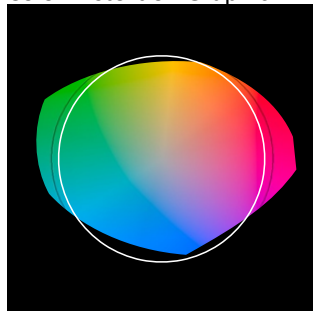
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	45	29%	-4%
2	44	24%	-21%
3	39	12%	-29%
4	68	-1%	-19%
5	83	1%	0%
6	65	13%	19%
7	52	26%	15%
8	52	29%	-6%
9	57	23%	-19%
10	42	10%	-33%
11	56	-1%	-30%
12	75	-7%	-15%
13	88	-4%	5%
14	61	-4%	30%
15	57	13%	24%
16	56	30%	15%



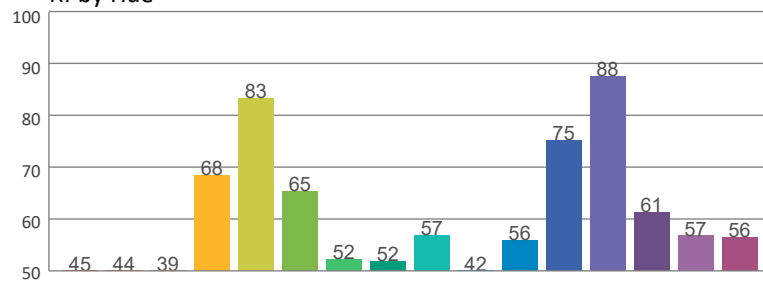
Color Vector Graphic



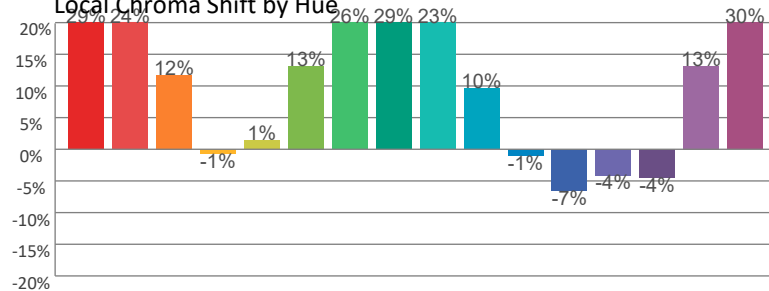
Color Distortion Graphic



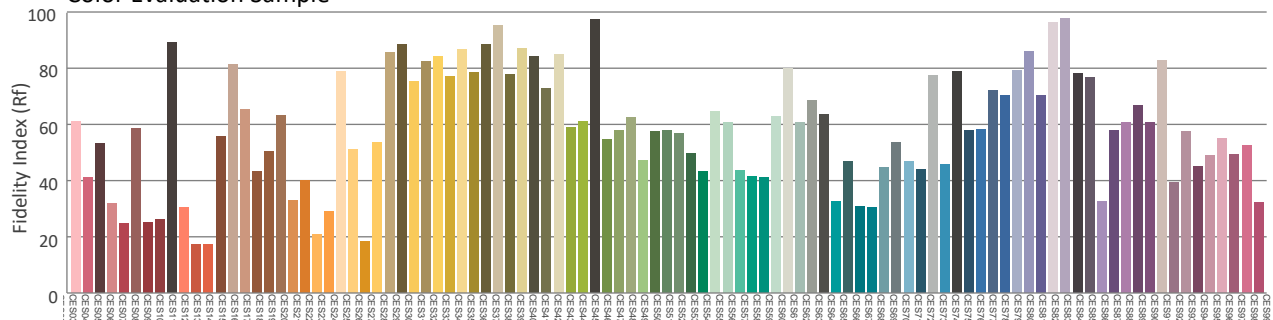
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 2700K

Report Summary

Measurements

Fixture Output: 4490 lm

Fixture Peak: 73844 cd

Fixture Efficacy: -37263054 lm/W

Intensity @ 5m: 2954 lux

Color Temperature: 2719 K

CRI: 20.5 CRI R9 Value: -157.0

CQS: 48.9

TLCI: 12

TM-30 Rf: 51.2

TM-30 Rg: 119.8

Beam Angle (50%): 14.2°

Field Angle (10%): 21.4°

Cutoff Angle (3%): 24.1°

Conditions

AC Supply: 117 V, 60 Hz

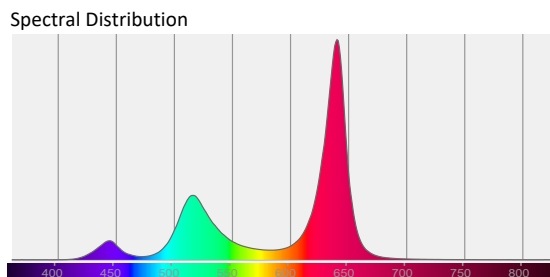
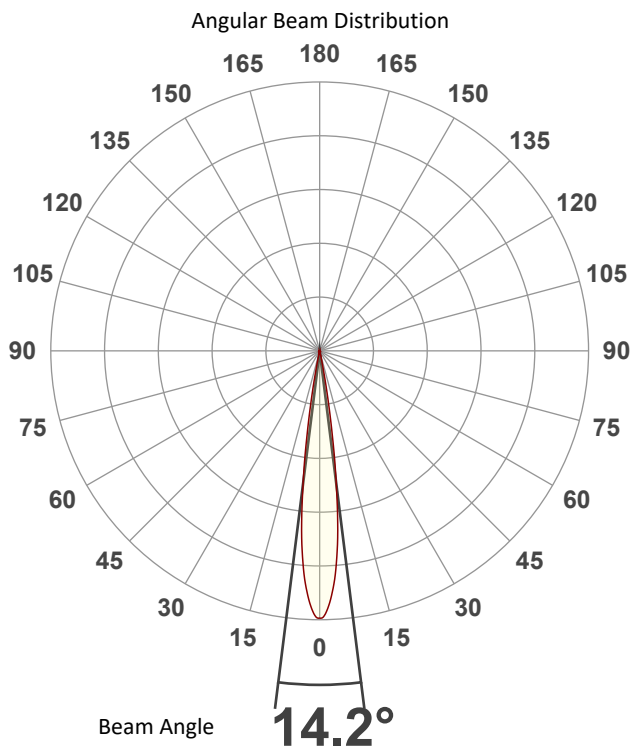
Power: 0.02 W

Current: 0.000 A

Power Factor: -0.01

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

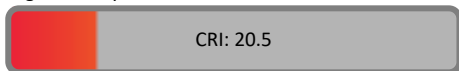
X: 0.455

Y: 0.403



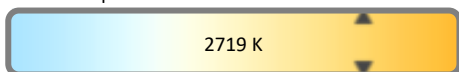
Light Quality

CRI: 20.5



Color Temperature

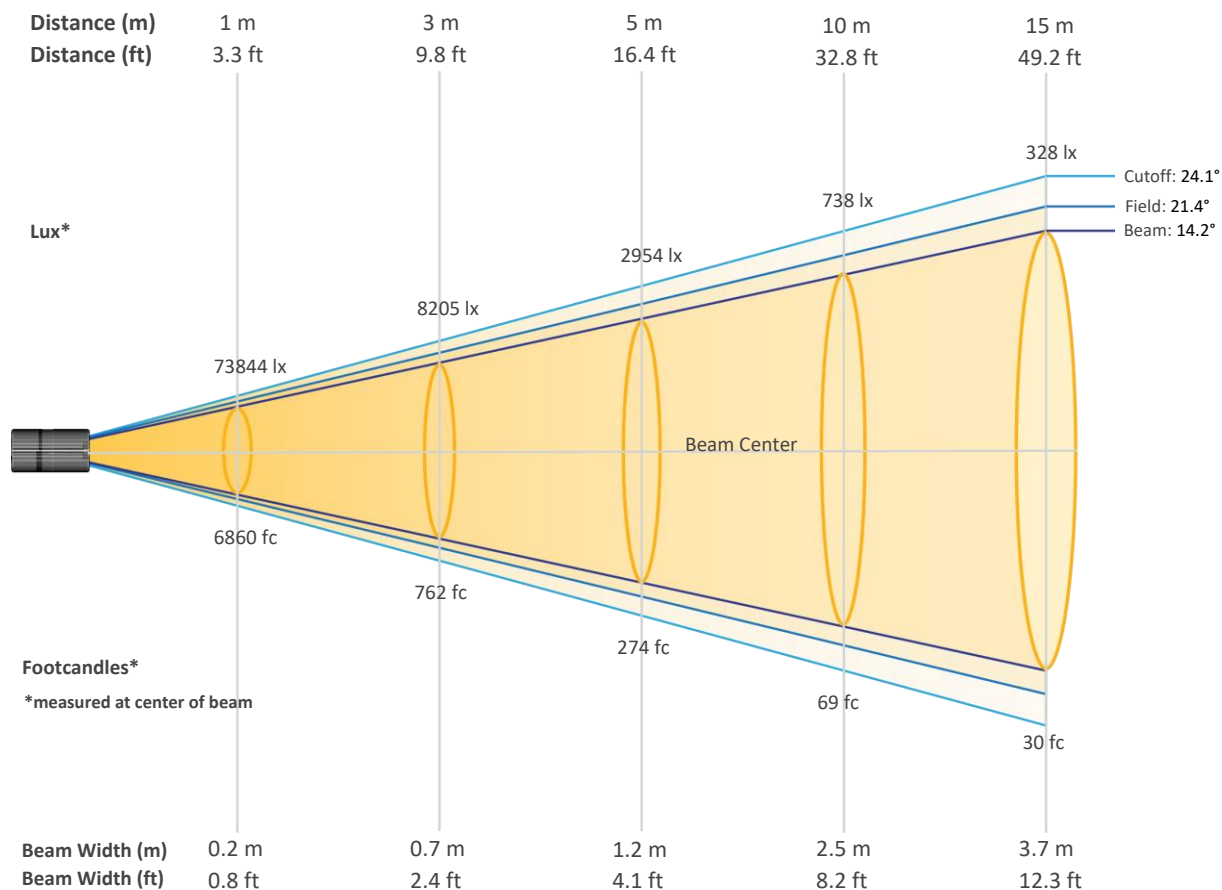
2719 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 2700K

Beam Details

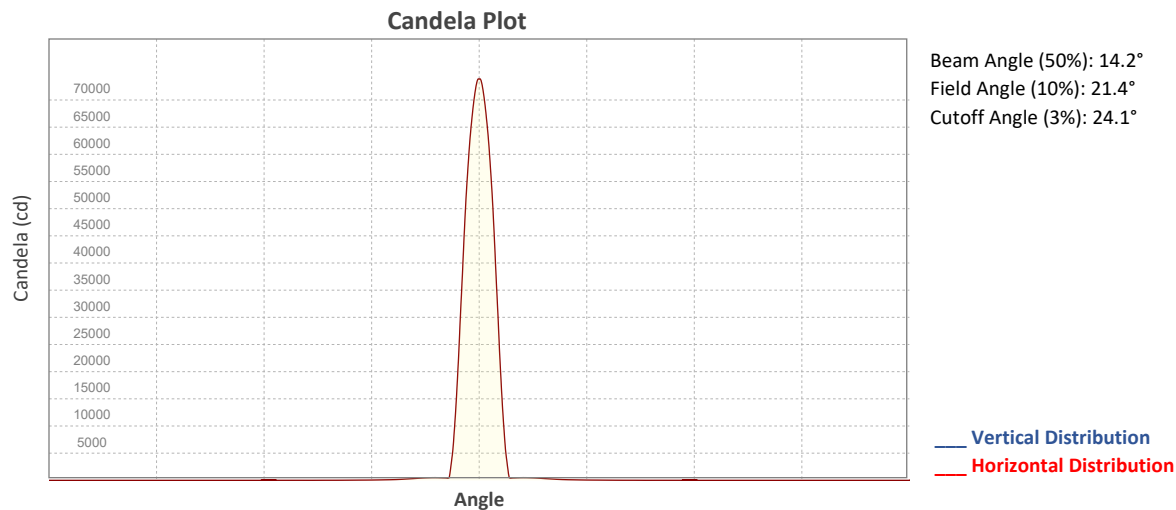


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	73844	18461	8205	4615	2954	2051	1507	1154	912	738
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	610	513	437	377	328	288	256	228	205	185
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6860	1715	762	429	274	191	140	107	85	69
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	57	48	41	35	30	27	24	21	19	17

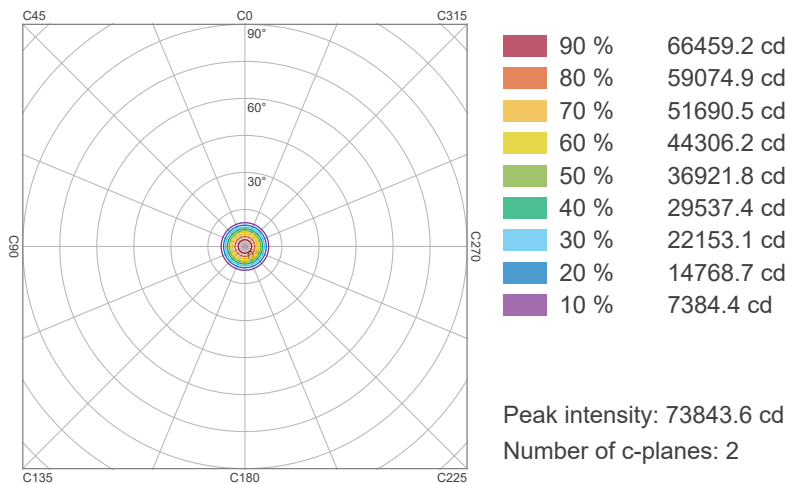
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 2700K

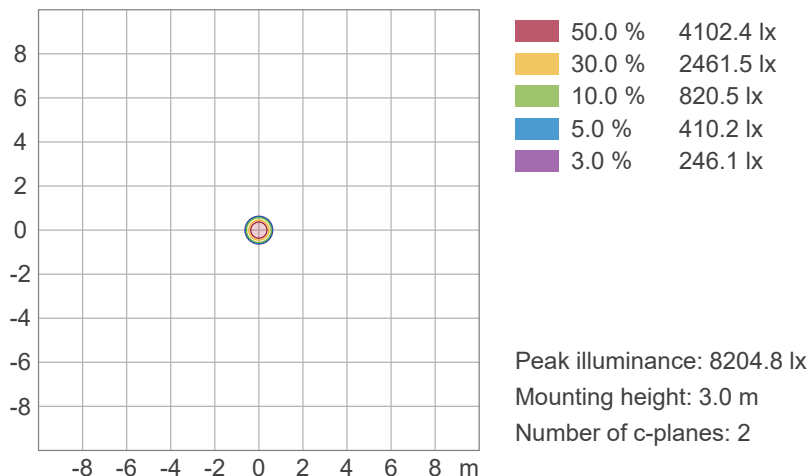


ISO Diagrams

ISO Candela Diagram



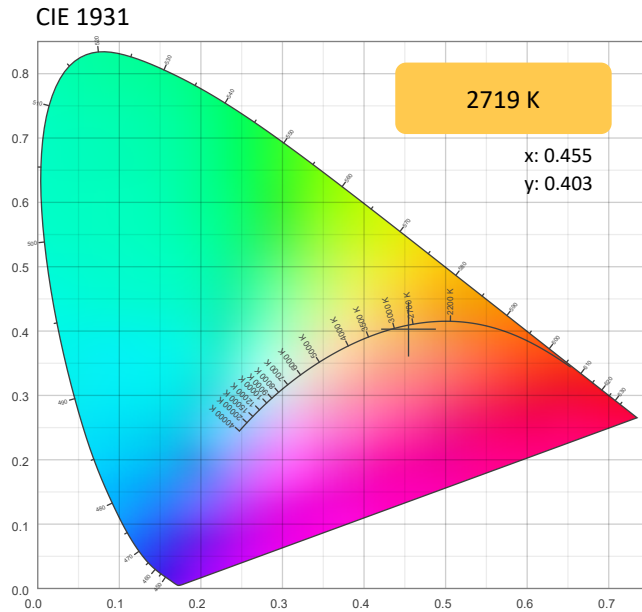
ISO Lux Diagram



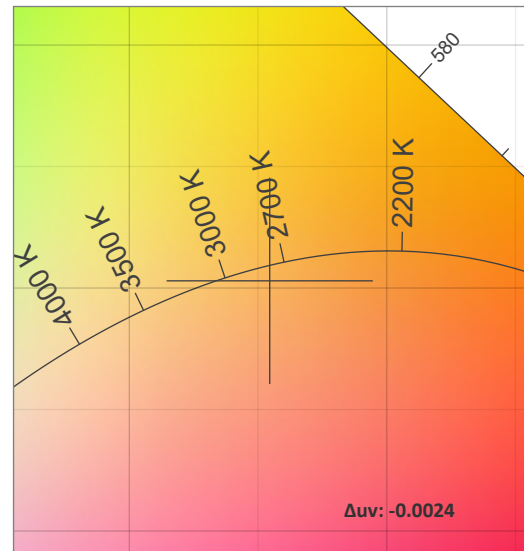
Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 2700K

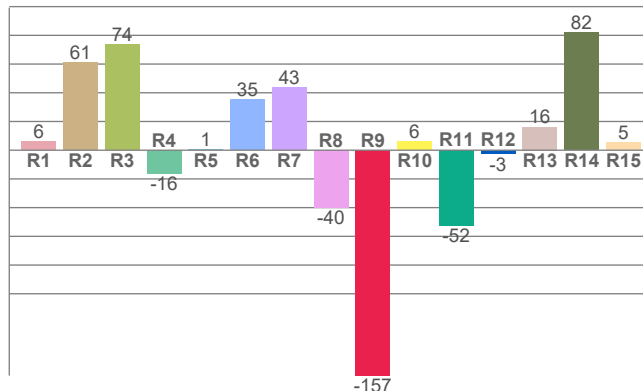
Chromaticity



CIE 1931 - Zoom



CRI: 20.5 (R1-R8)

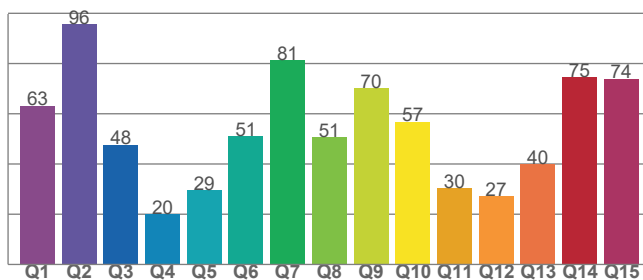


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2719 K	0.455	0.403

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0024	0.403	0.262

CQS: 48.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
20.5	-157.0	48.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
12	51.2	119.8

Photometric & Chromaticity Report

COLORado PXL Curve 5: 50% Zoom - 2700K

TM-30 Details

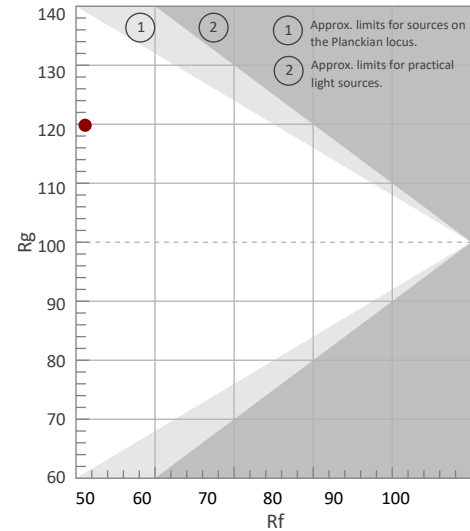
Rf 51.2

Fidelity Index
(Rg)

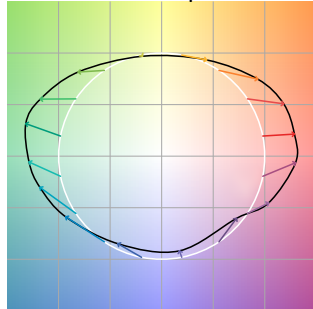
Rg 119.8

Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	40	30%	-4%
2	37	27%	-23%
3	28	14%	-36%
4	64	0%	-25%
5	76	-1%	-1%
6	63	13%	22%
7	49	29%	19%
8	43	35%	-5%
9	43	27%	-20%
10	37	15%	-40%
11	41	1%	-45%
12	57	-8%	-25%
13	86	-7%	-1%
14	61	-10%	27%
15	62	11%	20%
16	52	29%	19%



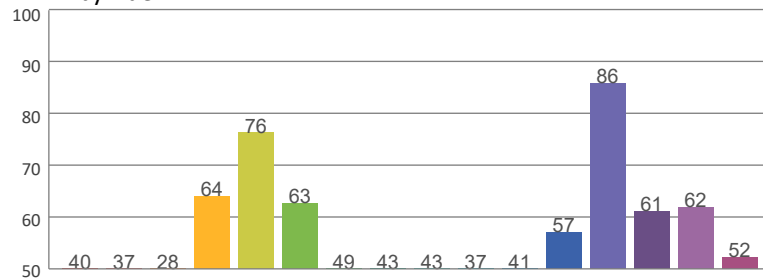
Color Vector Graphic



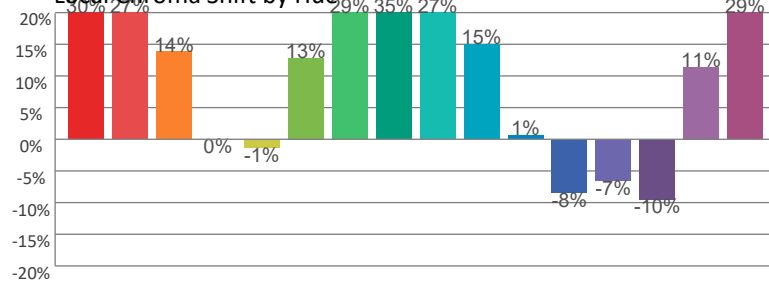
Color Distortion Graphic



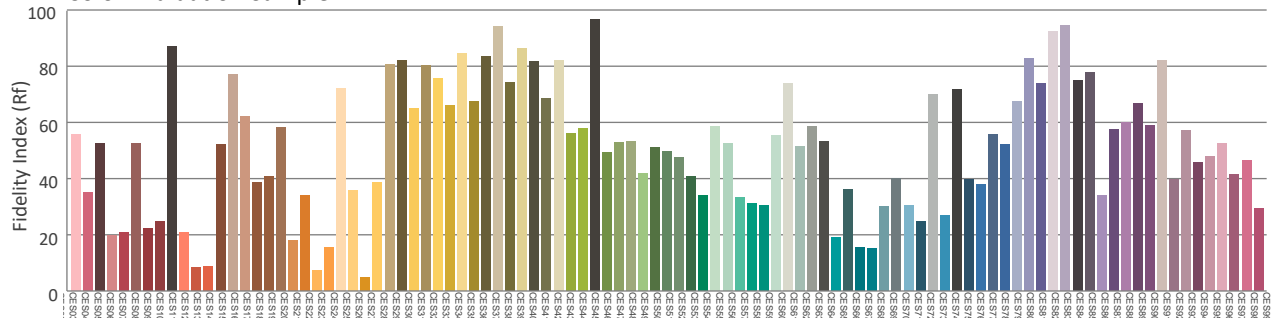
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power

Report Summary

Measurements

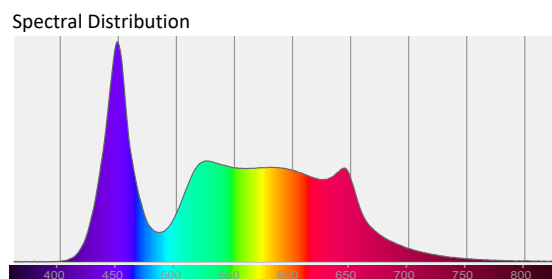
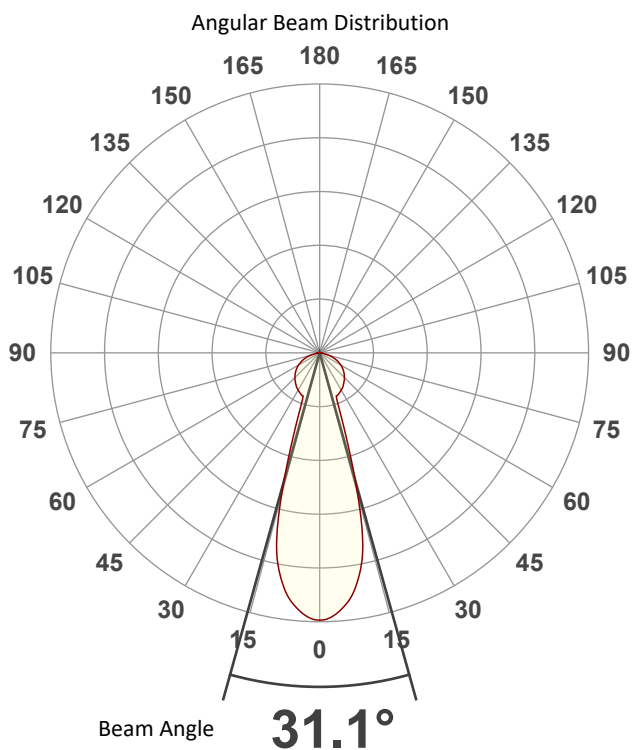
Fixture Output: 44018 lm
Fixture Peak: 61475 cd
Fixture Efficacy: -422473402 lm/W
Intensity @ 5m: 2459 lux
Color Temperature: 5876 K
CRI: 88.4 CRI R9 Value: 84.2
CQS: 82.6
TLCI: 82
TM-30 Rf: 82.5
TM-30 Rg: 105.7
Beam Angle (50%): 31.1°
Field Angle (10%): 114.3°
Cutoff Angle (3%): 154.7°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

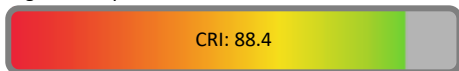
X: 0.325

Y: 0.316



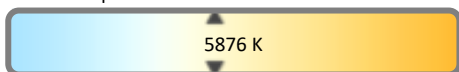
Light Quality

CRI: 88.4



Color Temperature

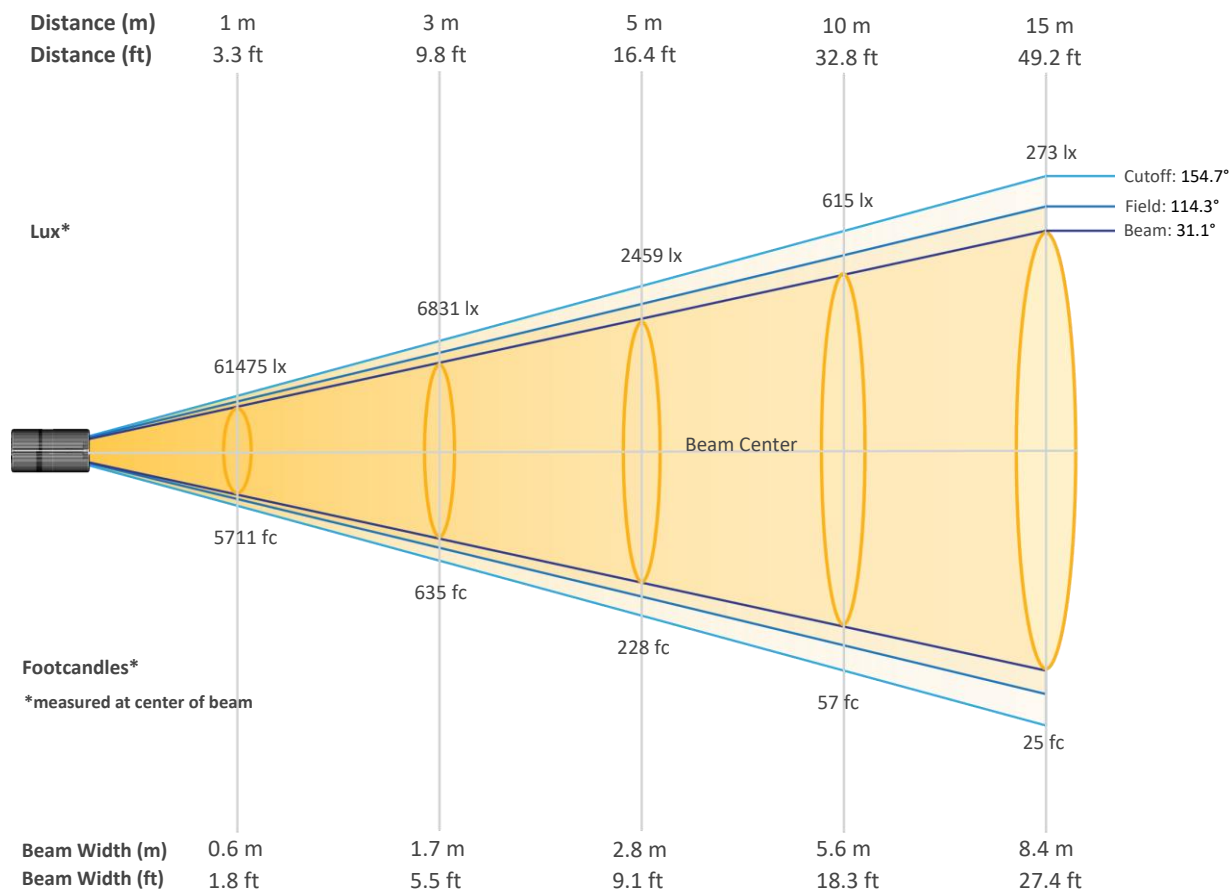
5876 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power

Beam Details

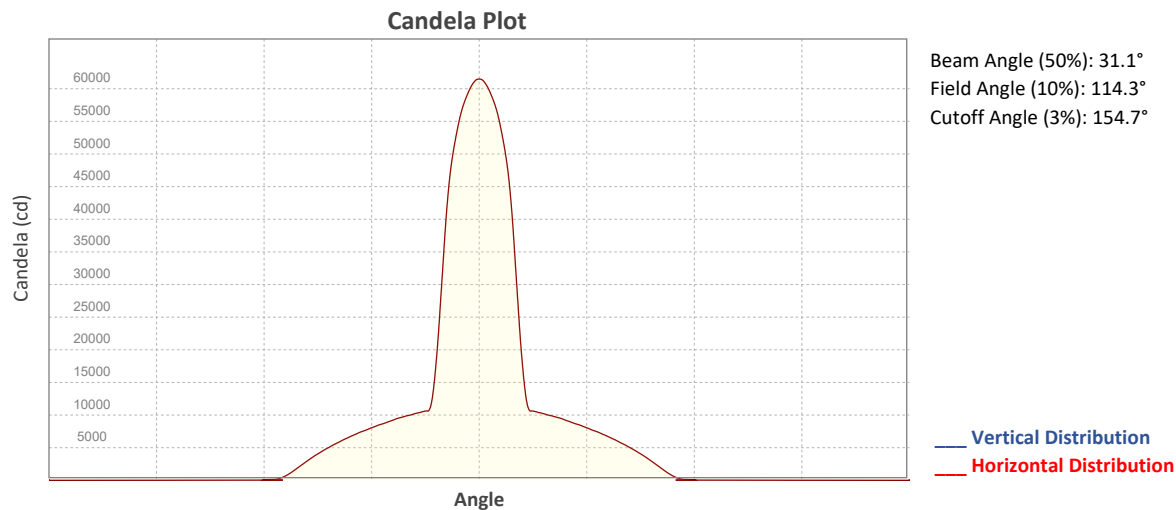


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	61475	15369	6831	3842	2459	1708	1255	961	759	615
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	508	427	364	314	273	240	213	190	170	154
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5711	1428	635	357	228	159	117	89	71	57
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	47	40	34	29	25	22	20	18	16	14

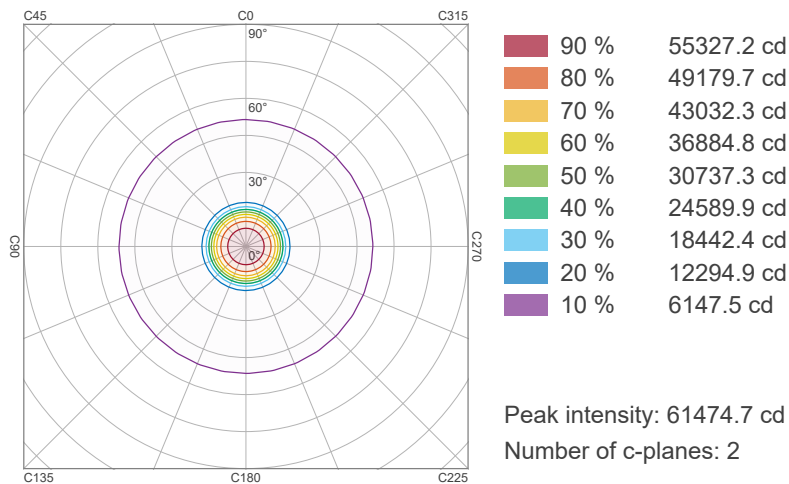
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power

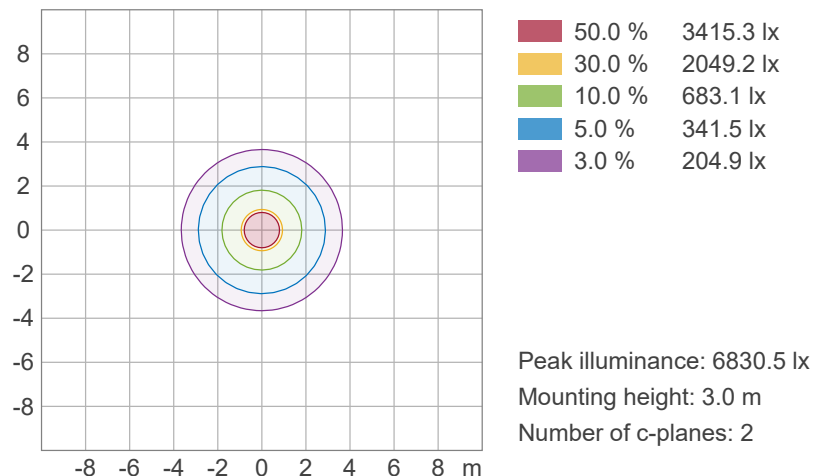


ISO Diagrams

ISO Candela Diagram



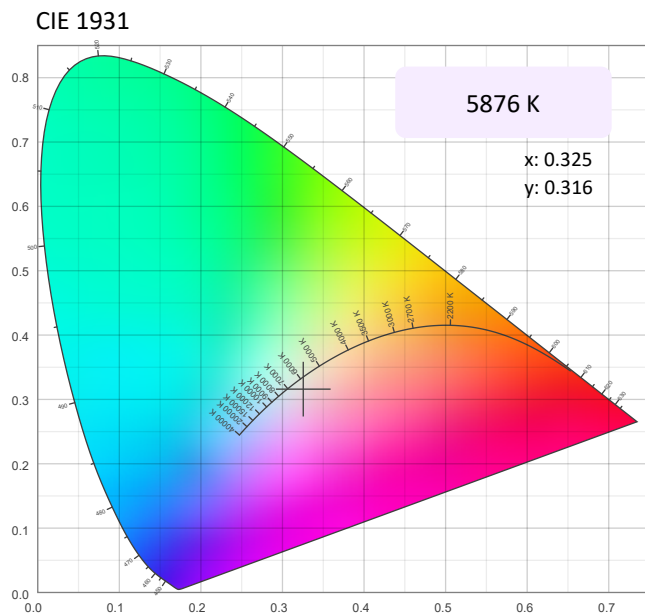
ISO Lux Diagram



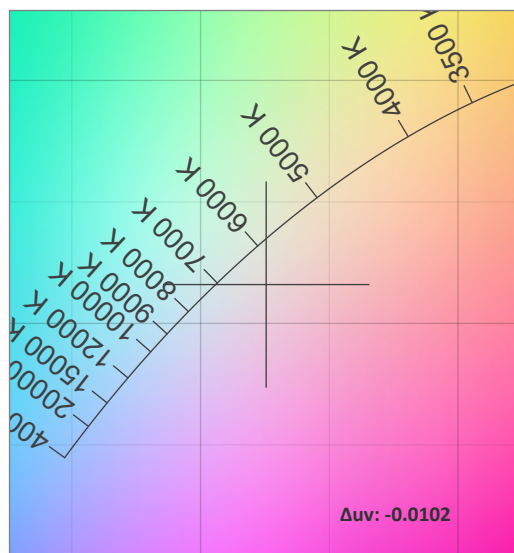
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power

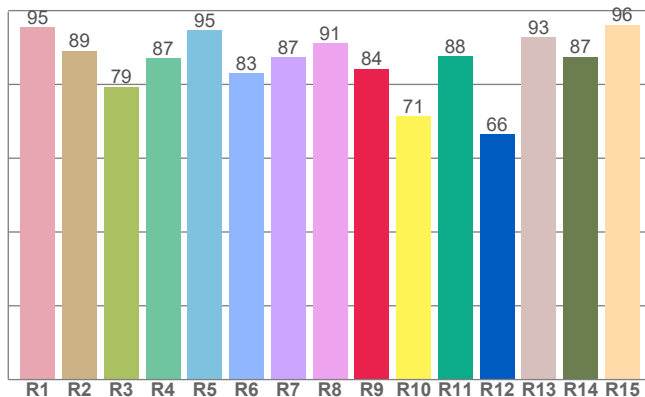
Chromaticity



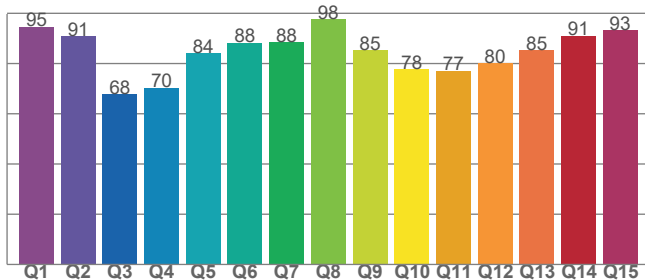
CIE 1931 - Zoom



CRI: 88.4 (R1-R8)



CQS: 82.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5876 K	0.325	0.316

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0102	0.316	0.212

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.4	84.2	82.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
82	82.5	105.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power

TM-30 Details

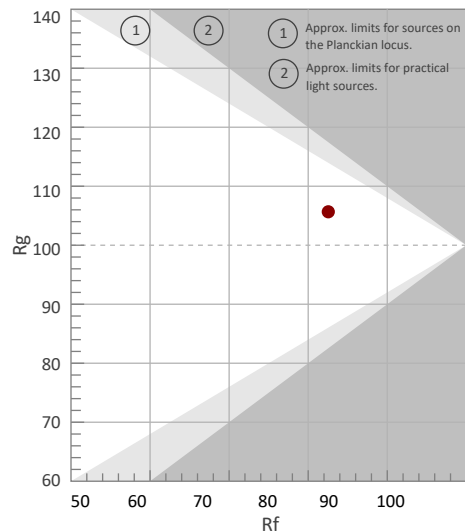
Rf 82.5

Fidelity Index
(Rg)

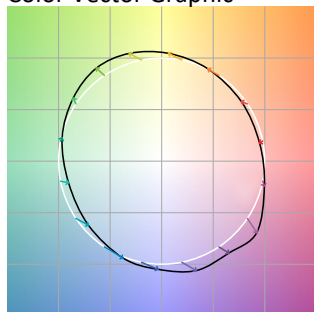
Rg 105.7

Gamut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	91	-3%	-1%
2	89	-4%	5%
3	78	-1%	12%
4	77	4%	14%
5	78	9%	10%
6	85	10%	3%
7	91	5%	-3%
8	92	-1%	-3%
9	89	-7%	3%
10	77	-6%	12%
11	66	-1%	21%
12	75	4%	17%
13	82	11%	12%
14	82	10%	5%
15	83	15%	-6%
16	92	2%	-4%



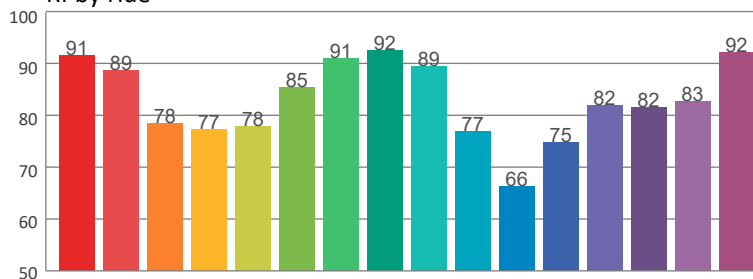
Color Vector Graphic



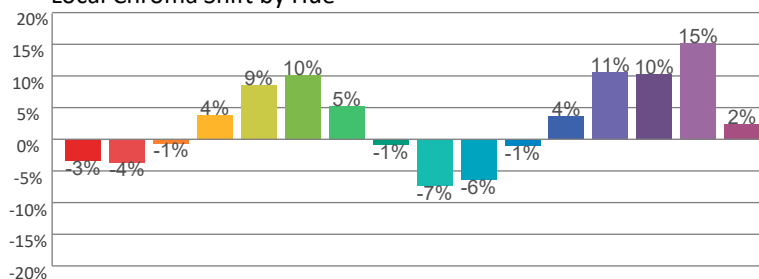
Color Distortion Graphic



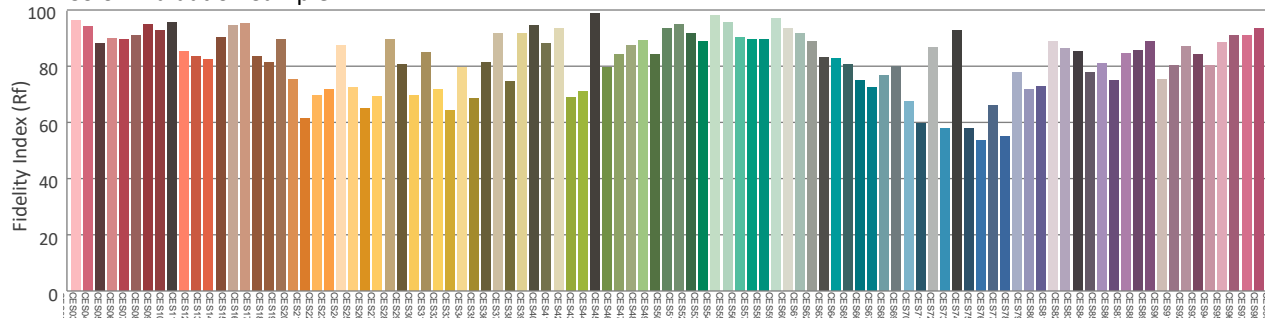
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-ECO

Report Summary

Measurements

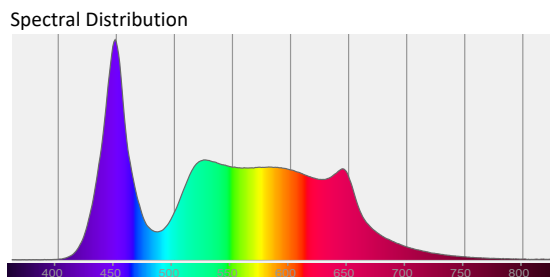
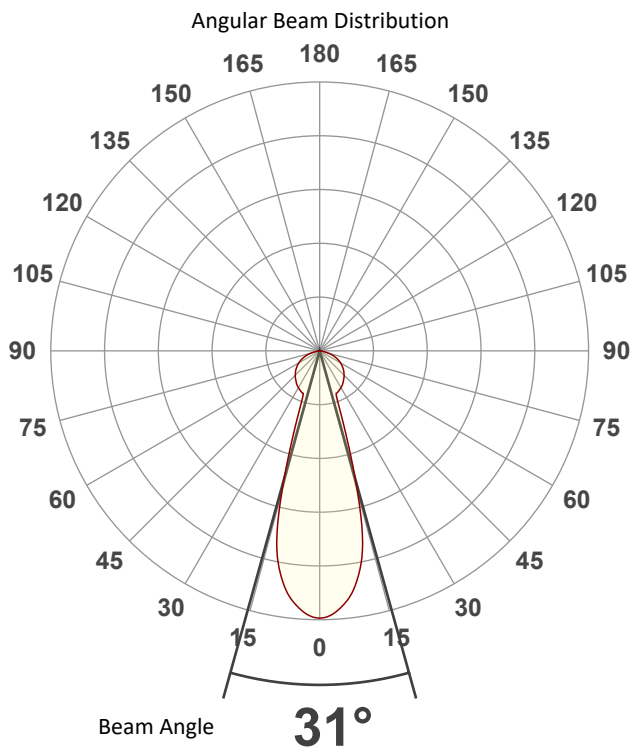
Fixture Output: 43107 lm
Fixture Peak: 60630 cd
Fixture Efficacy: -599479679 lm/W
Intensity @ 5m: 2425 lux
Color Temperature: 5885 K
CRI: 88.0 CRI R9 Value: 82.9
CQS: 82.4
TLCI: 81
TM-30 Rf: 82.2
TM-30 Rg: 105.7
Beam Angle (50%): 31°
Field Angle (10%): 113.2°
Cutoff Angle (3%): 154.6°

Conditions

AC Supply: 109 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.325

Y: 0.316



Light Quality

CRI: 88.0

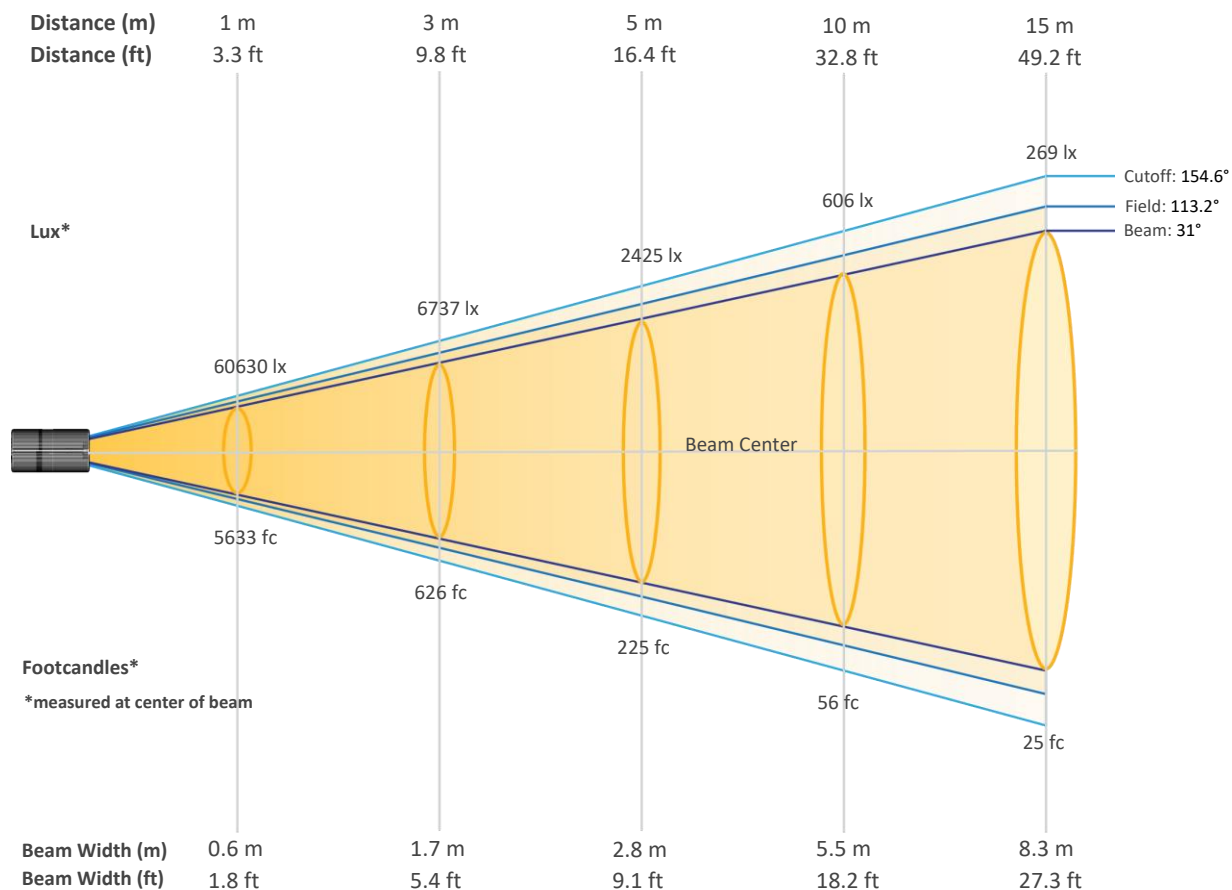
Color Temperature

5885 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-ECO

Beam Details

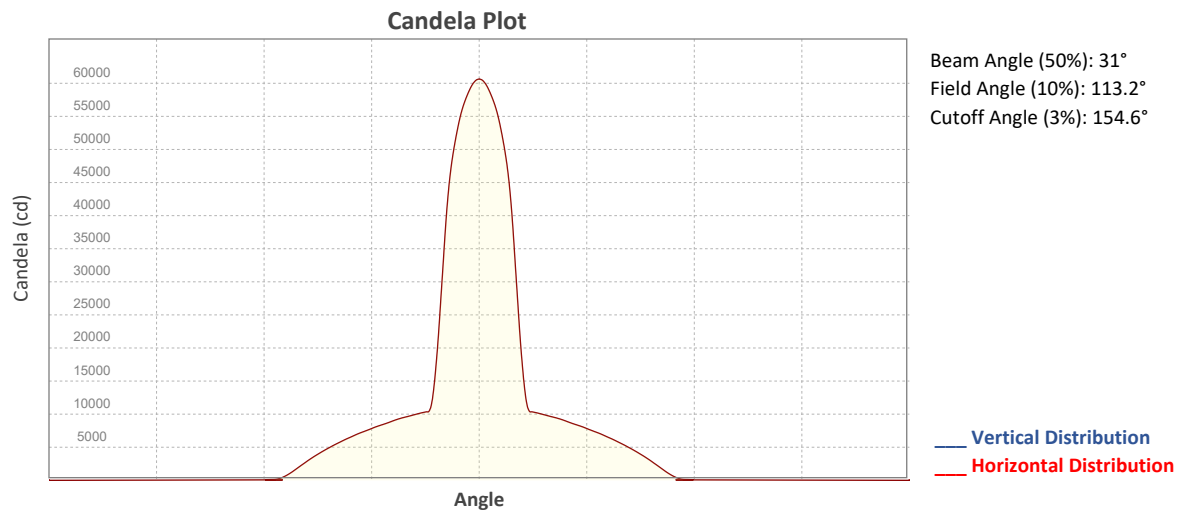


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60630	15158	6737	3789	2425	1684	1237	947	749	606
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	501	421	359	309	269	237	210	187	168	152
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5633	1408	626	352	225	156	115	88	70	56
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	47	39	33	29	25	22	19	17	16	14

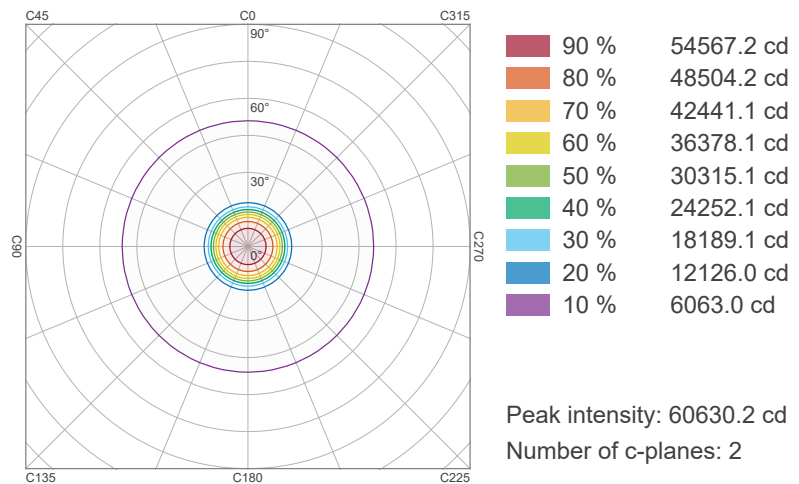
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-ECO

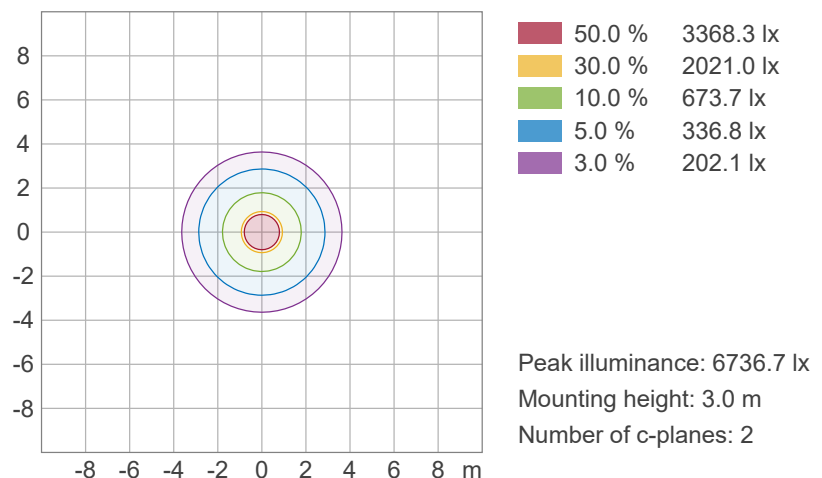


ISO Diagrams

ISO Candela Diagram



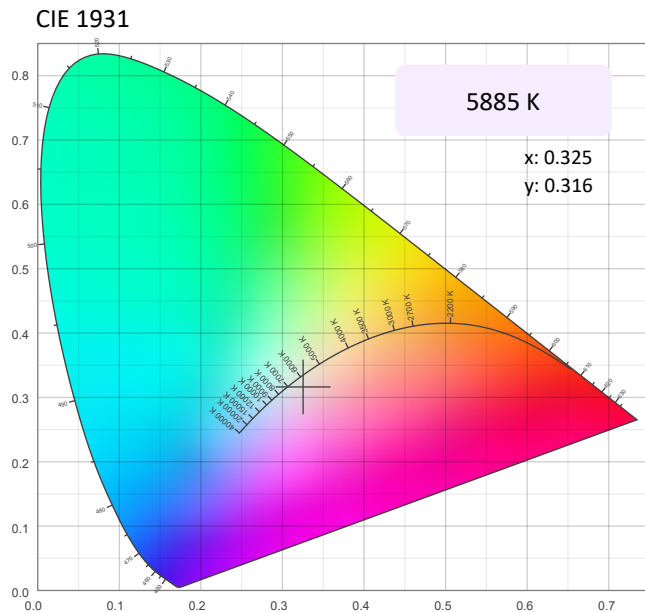
ISO Lux Diagram



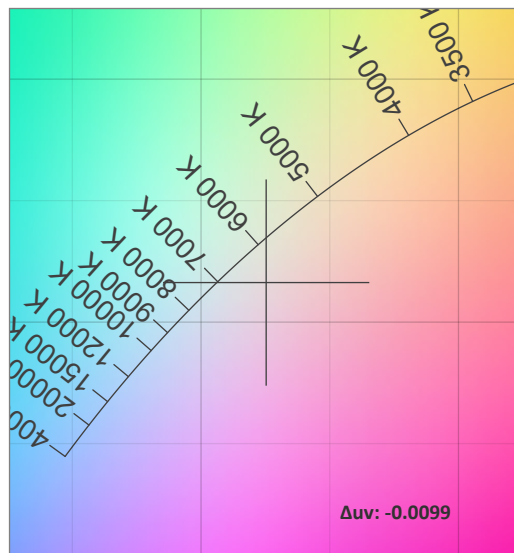
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-ECO

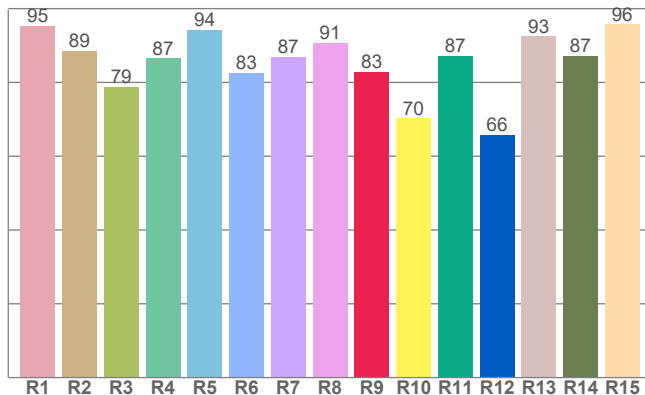
Chromaticity



CIE 1931 - Zoom



CRI: 88.0 (R1-R8)

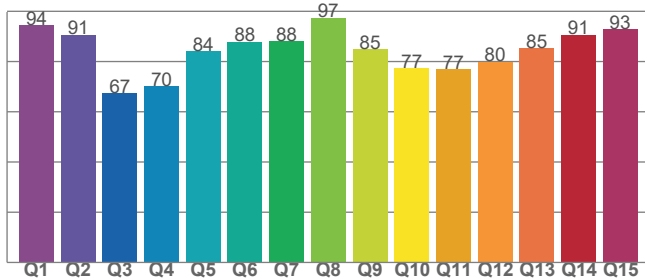


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5885 K	0.325	0.316

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0099	0.316	0.212

CQS: 82.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.0	82.9	82.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
81	82.2	105.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-ECO

TM-30 Details

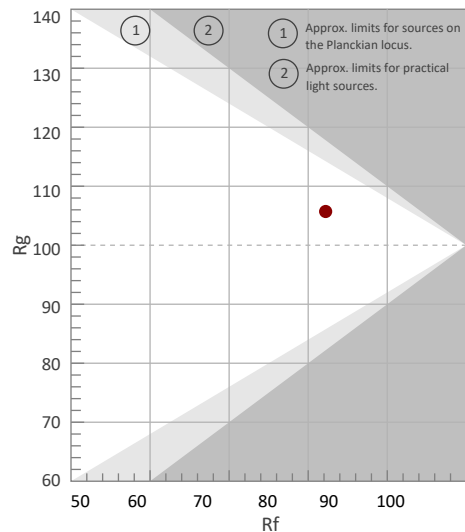
Rf 82.2

Fidelity Index
(Rg)

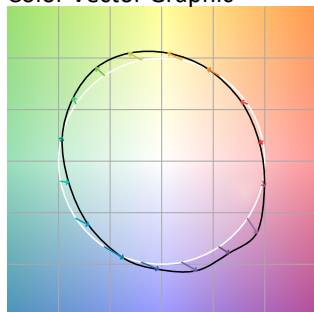
Rg 105.7

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	91	-4%	-1%
2	89	-4%	5%
3	78	-1%	13%
4	77	4%	14%
5	77	9%	11%
6	85	10%	3%
7	91	5%	-3%
8	92	-1%	-4%
9	89	-8%	3%
10	77	-7%	12%
11	66	-1%	21%
12	74	4%	17%
13	82	11%	13%
14	81	11%	5%
15	82	15%	-6%
16	92	3%	-5%



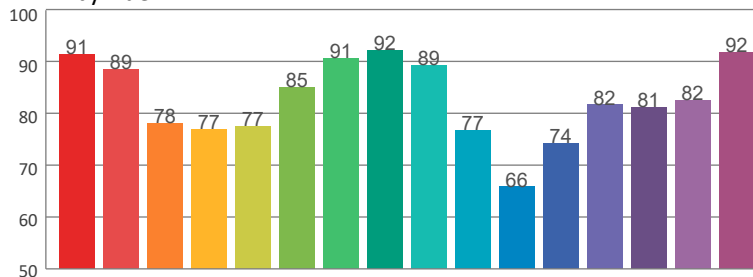
Color Vector Graphic



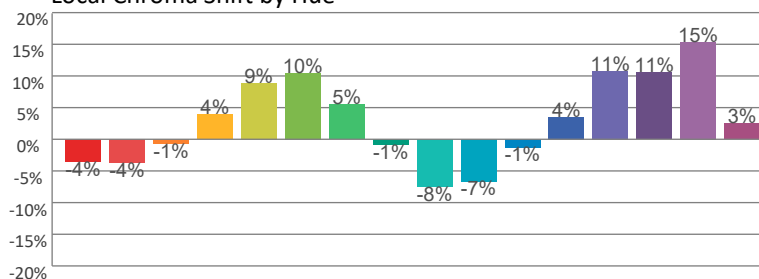
Color Distortion Graphic



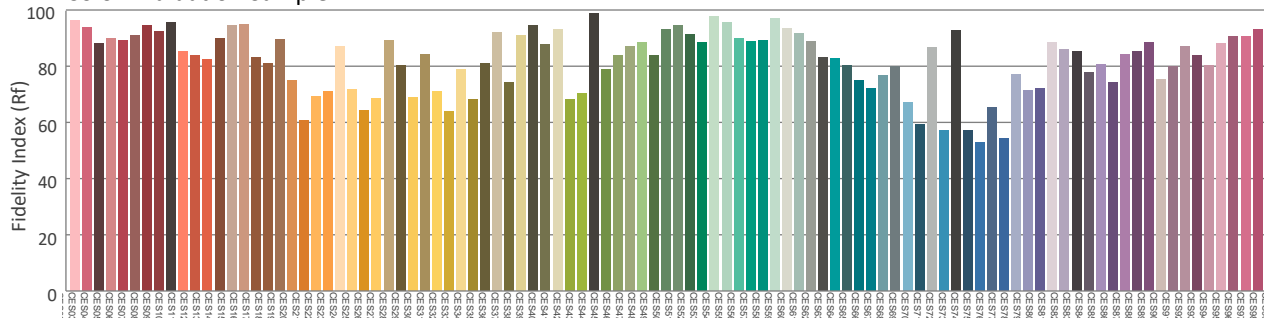
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Auto

Report Summary

Measurements

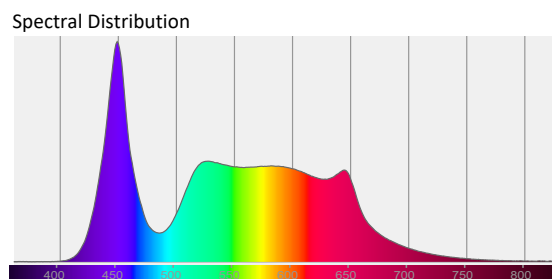
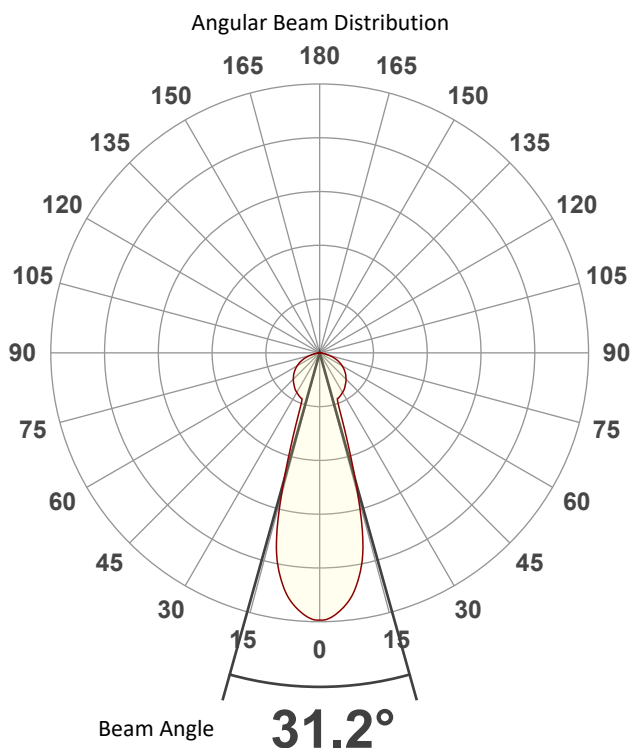
Fixture Output: 46277 lm
Fixture Peak: 61966 cd
Fixture Efficacy: -662335533 lm/W
Intensity @ 5m: 2479 lux
Color Temperature: 5767 K
CRI: 87.9 CRI R9 Value: 78.9
CQS: 82.1
TLCI: 80
TM-30 Rf: 82.1
TM-30 Rg: 105.3
Beam Angle (50%): 31.2°
Field Angle (10%): 118.3°
Cutoff Angle (3%): 155.4°

Conditions

AC Supply: 108 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.327

Y: 0.318



Light Quality

CRI: 87.9

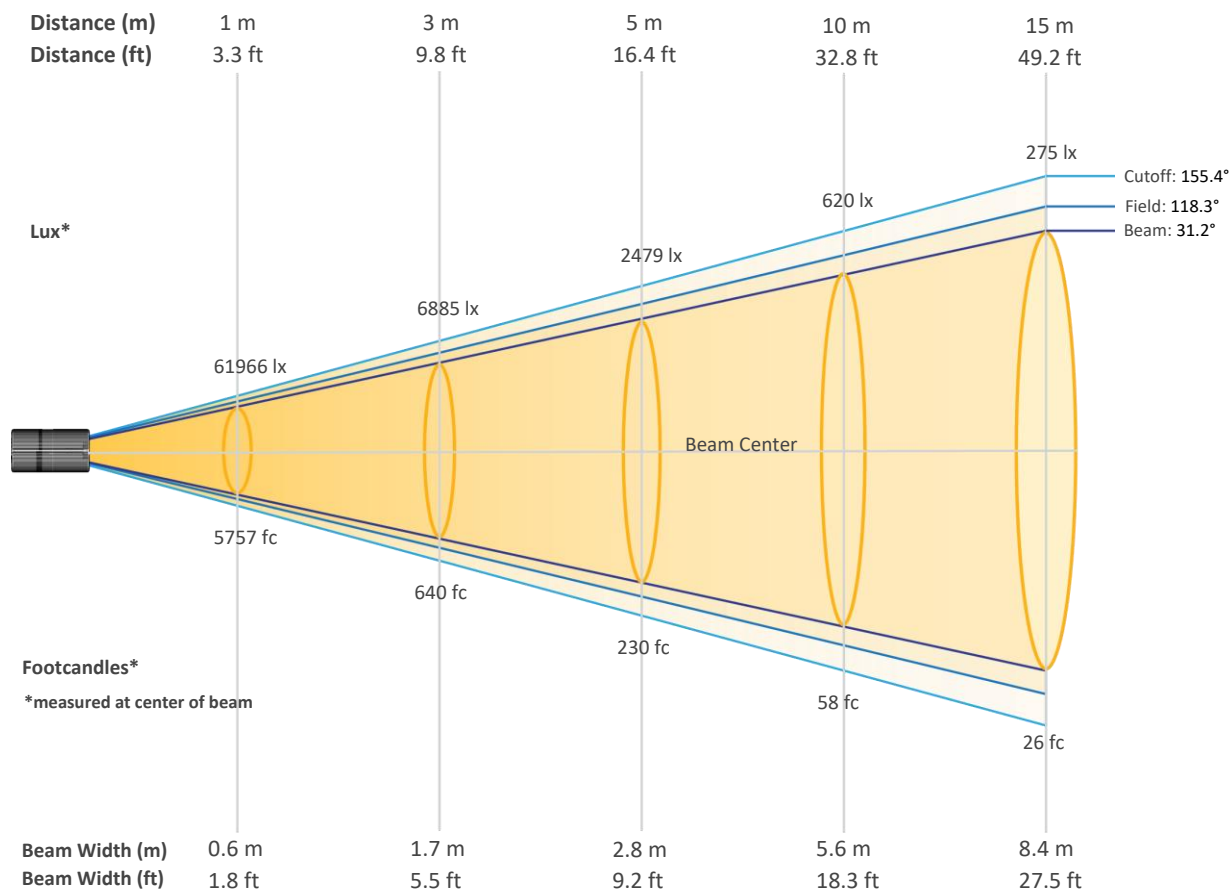
Color Temperature

5767 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Auto

Beam Details

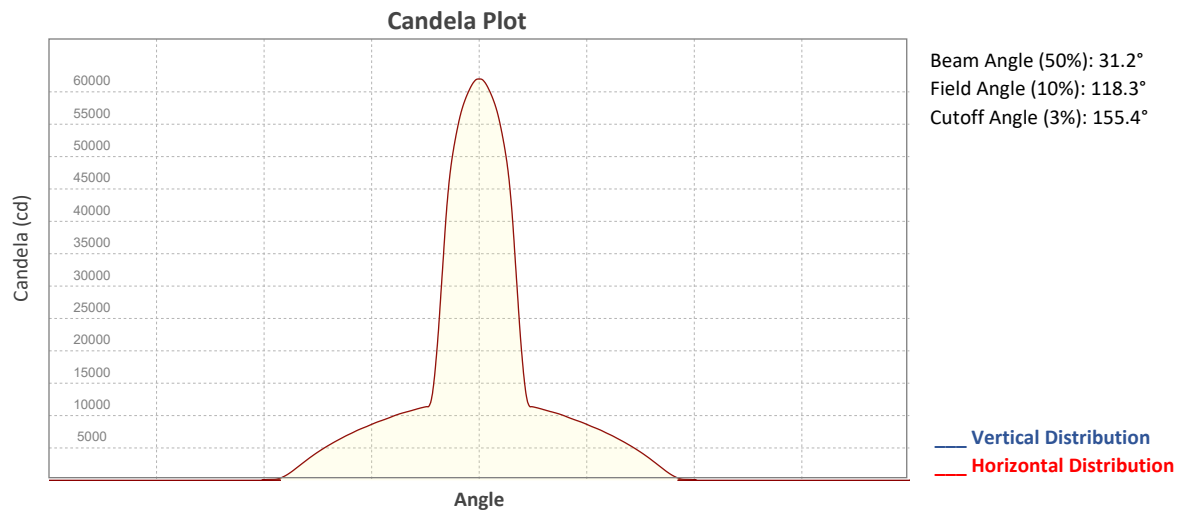


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	61966	15491	6885	3873	2479	1721	1265	968	765	620
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	512	430	367	316	275	242	214	191	172	155
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5757	1439	640	360	230	160	117	90	71	58
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	48	40	34	29	26	22	20	18	16	14

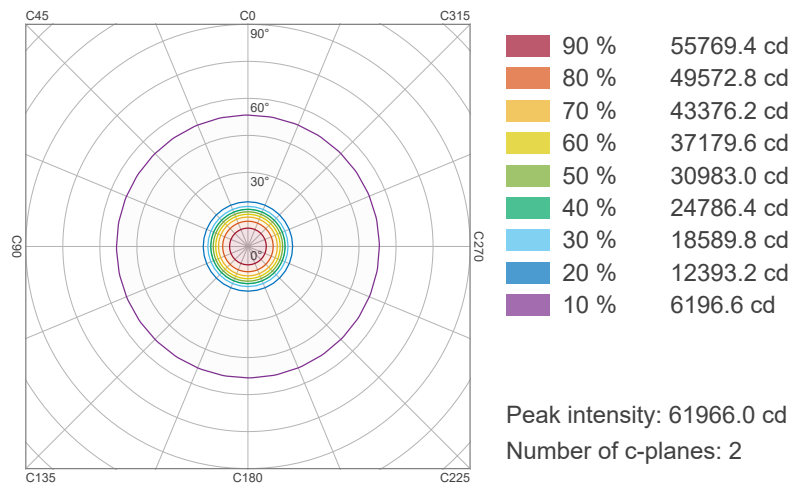
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Auto

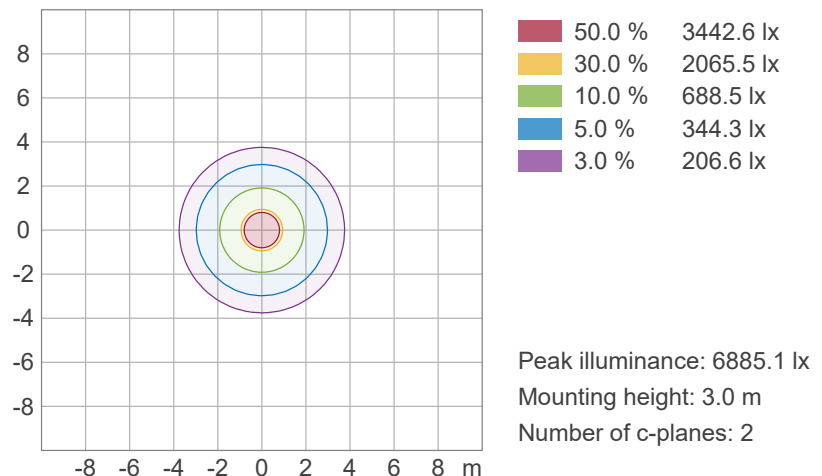


ISO Diagrams

ISO Candela Diagram



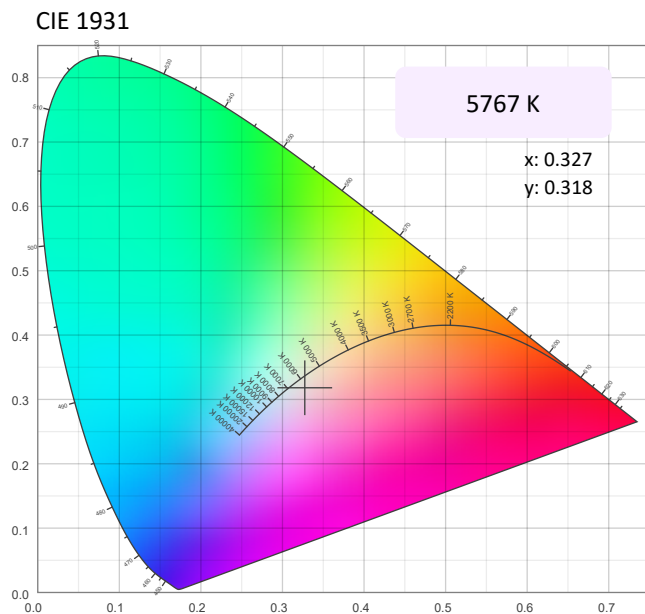
ISO Lux Diagram



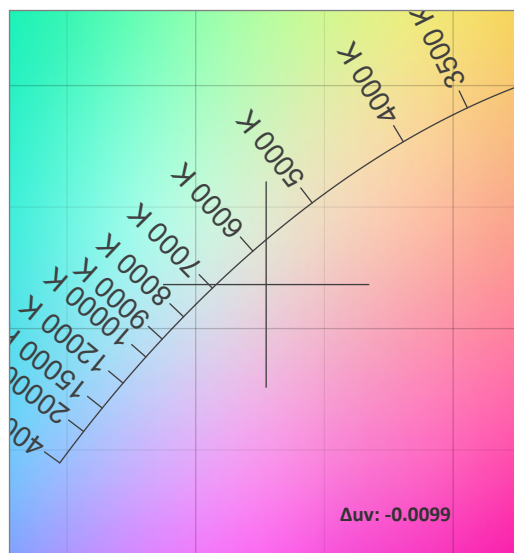
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Auto

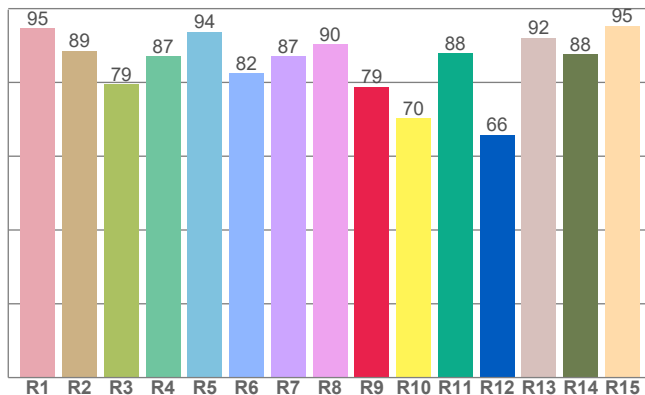
Chromaticity



CIE 1931 - Zoom



CRI: 87.9 (R1-R8)

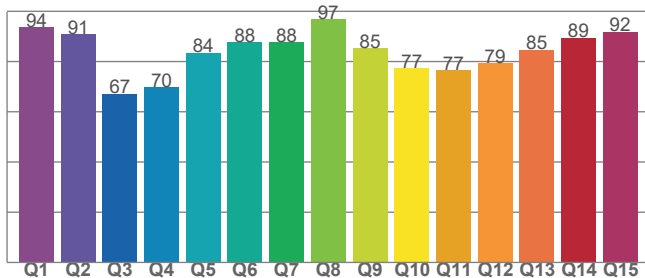


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5767 K	0.327	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0099	0.318	0.212

CQS: 82.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.9	78.9	82.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
80	82.1	105.3

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Auto

TM-30 Details

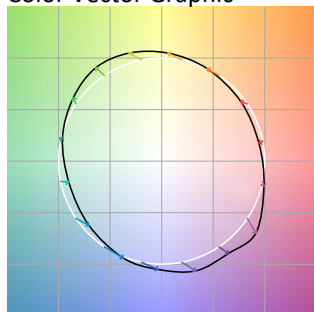
Rf 82.1

Fidelity Index
(Rg)

Rg 105.3

Gammut Index (Rg)

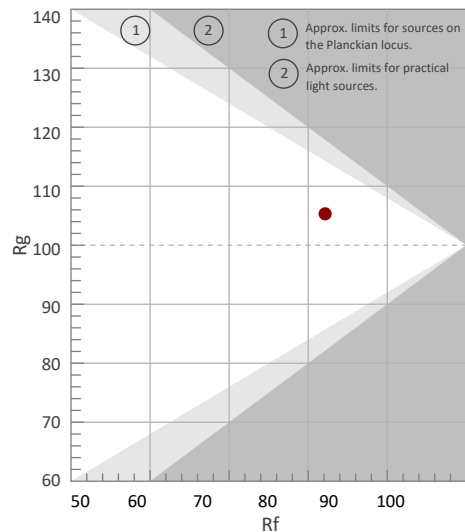
Color Vector Graphic



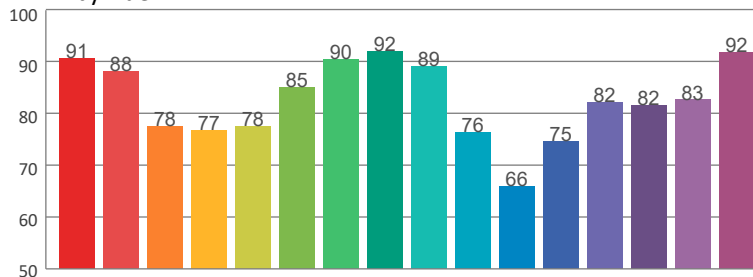
Color Distortion Graphic



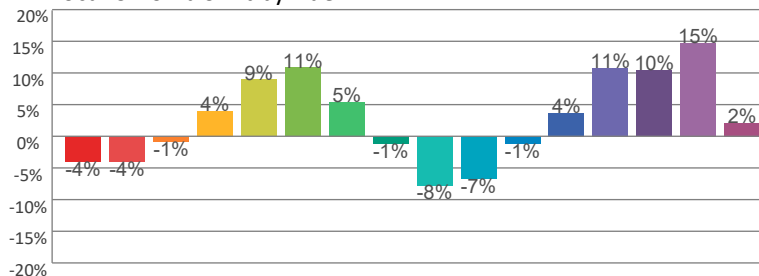
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	91	-4%	-1%
2	88	-4%	5%
3	78	-1%	13%
4	77	4%	14%
5	78	9%	11%
6	85	11%	3%
7	90	5%	-3%
8	92	-1%	-4%
9	89	-8%	3%
10	76	-7%	12%
11	66	-1%	21%
12	75	4%	17%
13	82	11%	12%
14	82	10%	4%
15	83	15%	-7%
16	92	2%	-5%



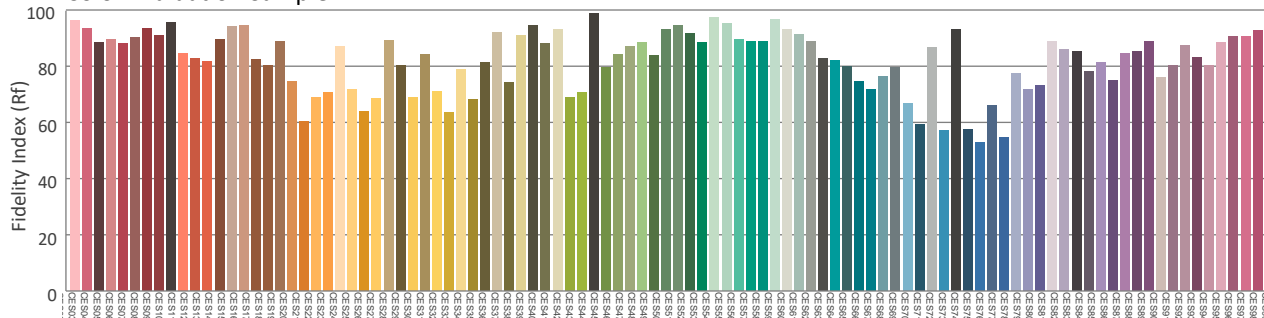
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Cali On

Report Summary

Measurements

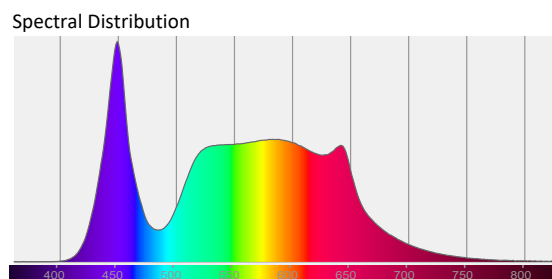
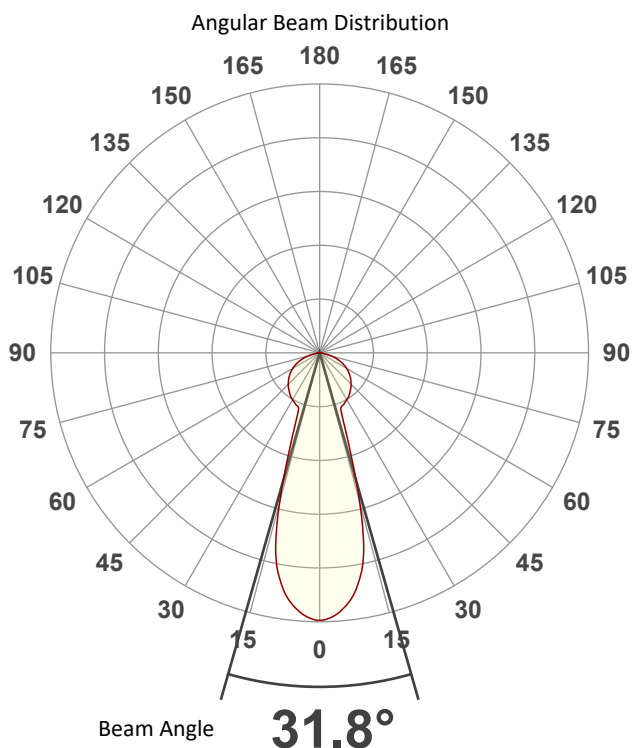
Fixture Output: 46352 lm
Fixture Peak: 54236 cd
Fixture Efficacy: -464184629 lm/W
Intensity @ 5m: 2169 lux
Color Temperature: 4877 K
CRI: 86.0 CRI R9 Value: 56.5
CQS: 82.2
TLCI: 75
TM-30 Rf: 81.4
TM-30 Rg: 103.5
Beam Angle (50%): 31.8°
Field Angle (10%): 127.8°
Cutoff Angle (3%): 157.2°

Conditions

AC Supply: 110 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

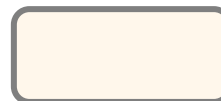
Overall Measurement



Tested Color (CIE 1931):

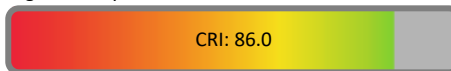
X: 0.347

Y: 0.340



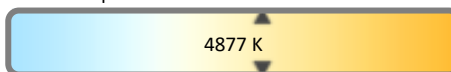
Light Quality

CRI: 86.0



Color Temperature

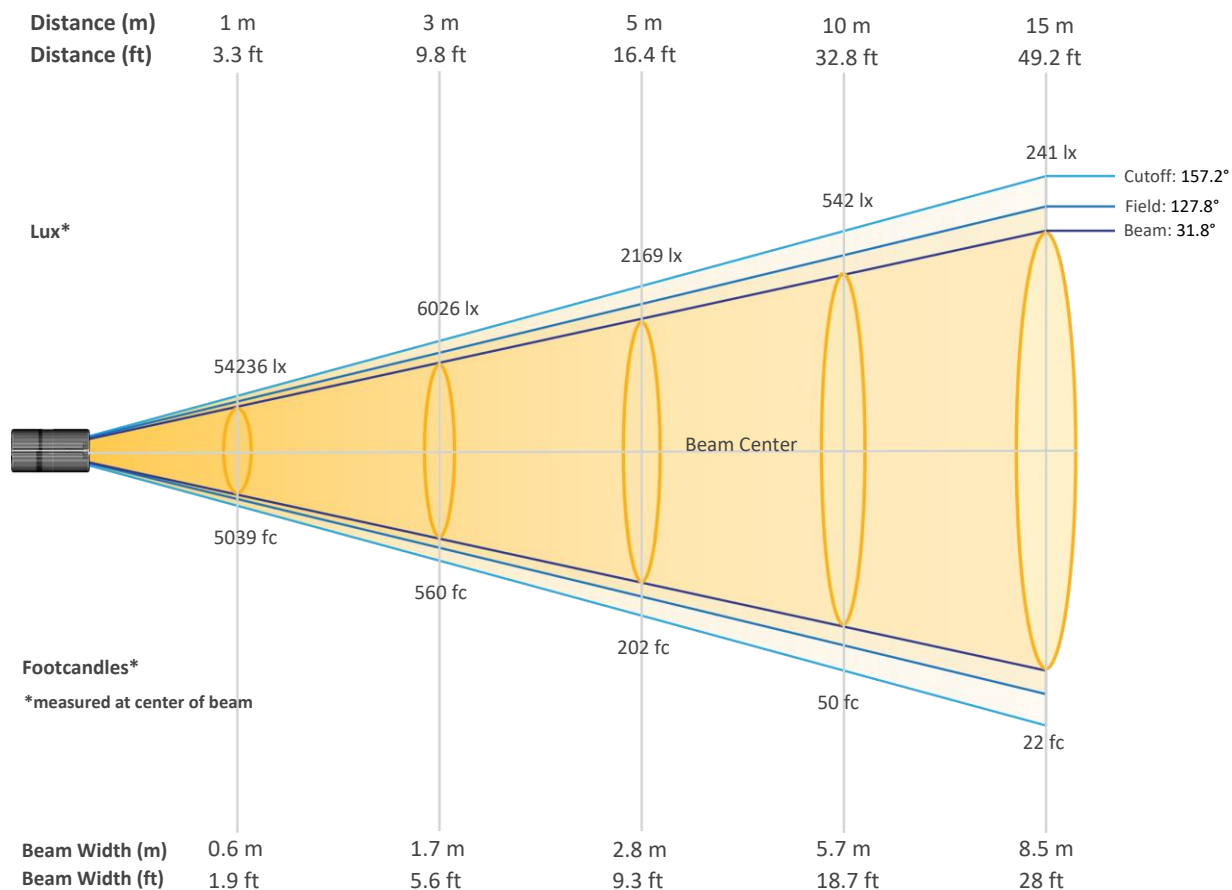
4877 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Cali On

Beam Details

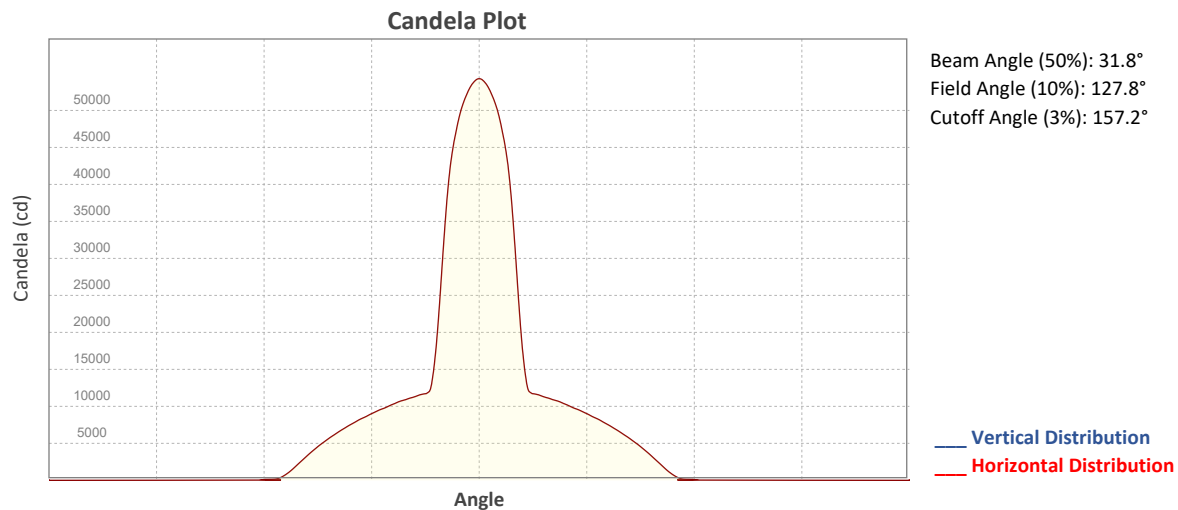


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	54236	13559	6026	3390	2169	1507	1107	847	670	542
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	448	377	321	277	241	212	188	167	150	136
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5039	1260	560	315	202	140	103	79	62	50
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	42	35	30	26	22	20	17	16	14	13

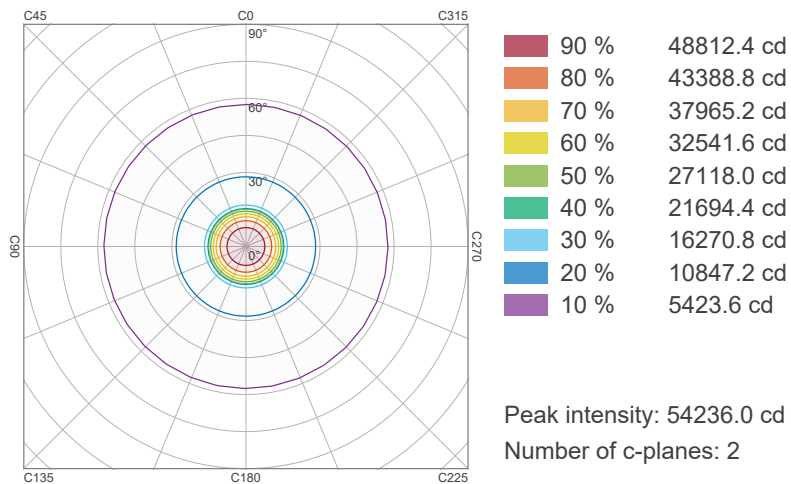
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Cali On

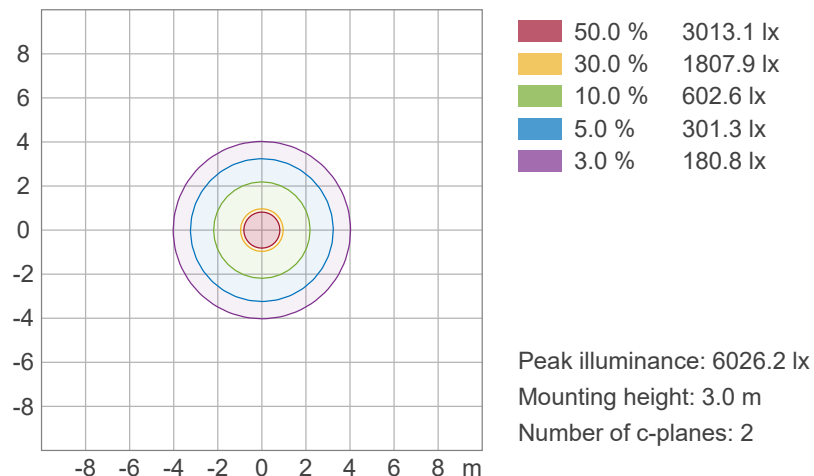


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

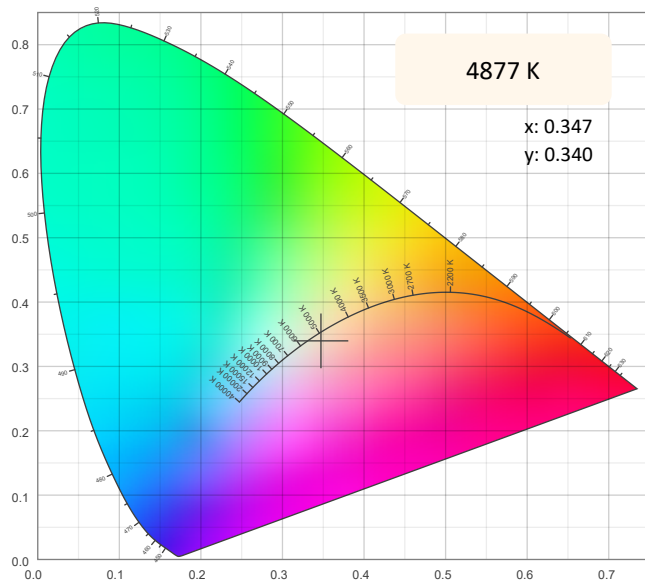


Photometric & Chromaticity Report

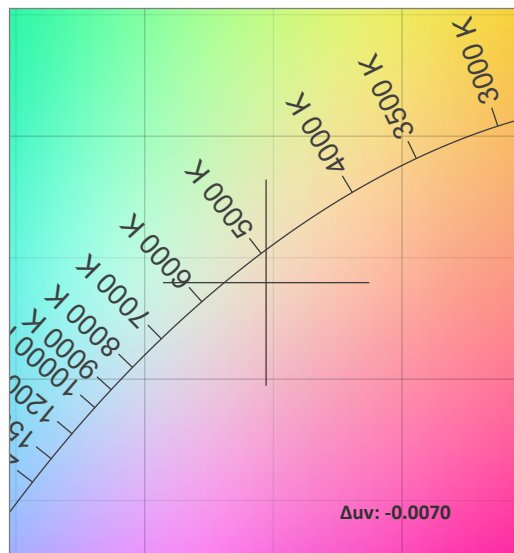
COLORado PXL Curve 5: Full Flood - Full Power-Cali On

Chromaticity

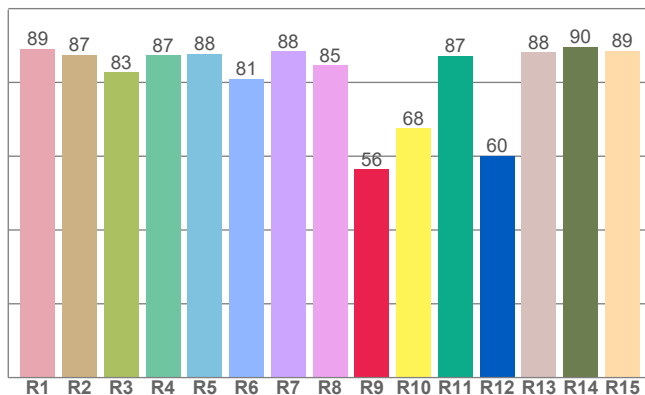
CIE 1931



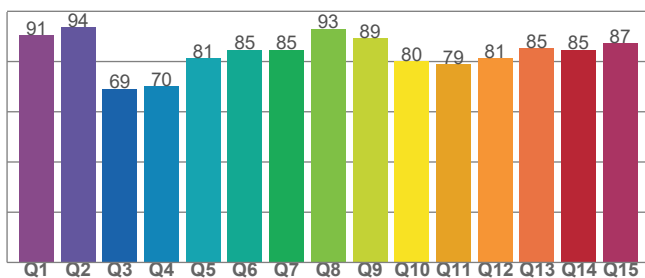
CIE 1931 - Zoom



CRI: 86.0 (R1-R8)



CQS: 82.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4877 K	0.347	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0070	0.340	0.218

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
86.0	56.5	82.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
75	81.4	103.5

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - Full Power-Cali On

TM-30 Details

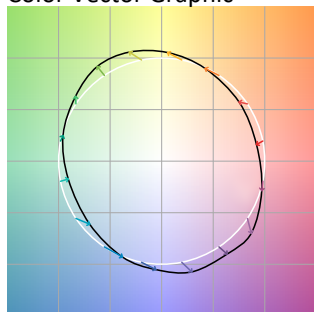
Rf 81.4

Fidelity Index
(Rg)

Rg 103.5

Gammut Index (Rg)

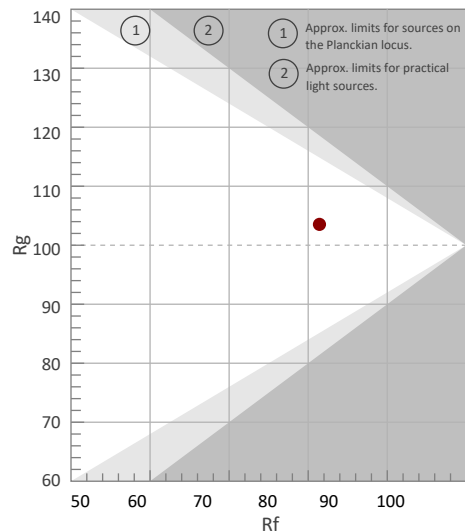
Color Vector Graphic



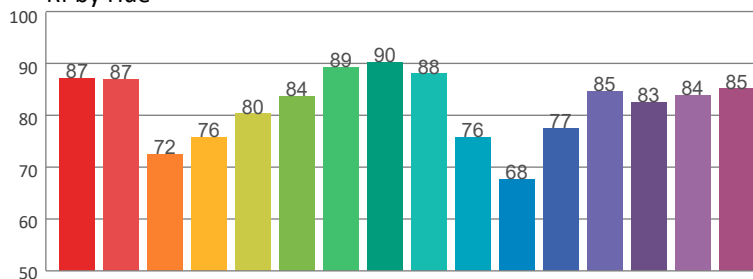
Color Distortion Graphic



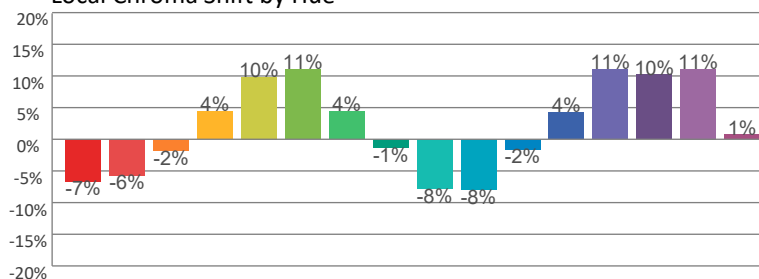
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	87	-7%	-2%
2	87	-6%	6%
3	72	-2%	15%
4	76	4%	15%
5	80	10%	10%
6	84	11%	1%
7	89	4%	-6%
8	90	-1%	-6%
9	88	-8%	-1%
10	76	-8%	12%
11	68	-2%	20%
12	77	4%	15%
13	85	11%	8%
14	83	10%	3%
15	84	11%	-10%
16	85	1%	-9%



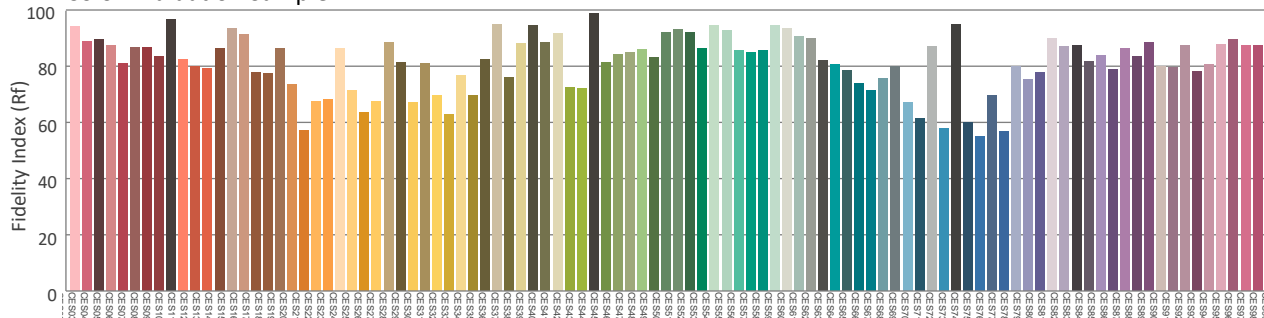
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW

Report Summary

Measurements

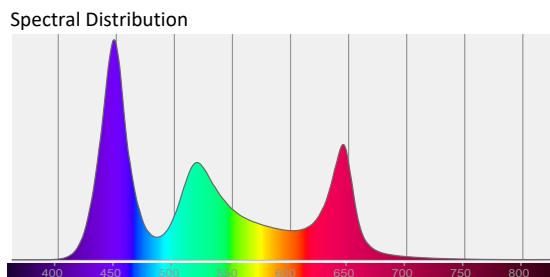
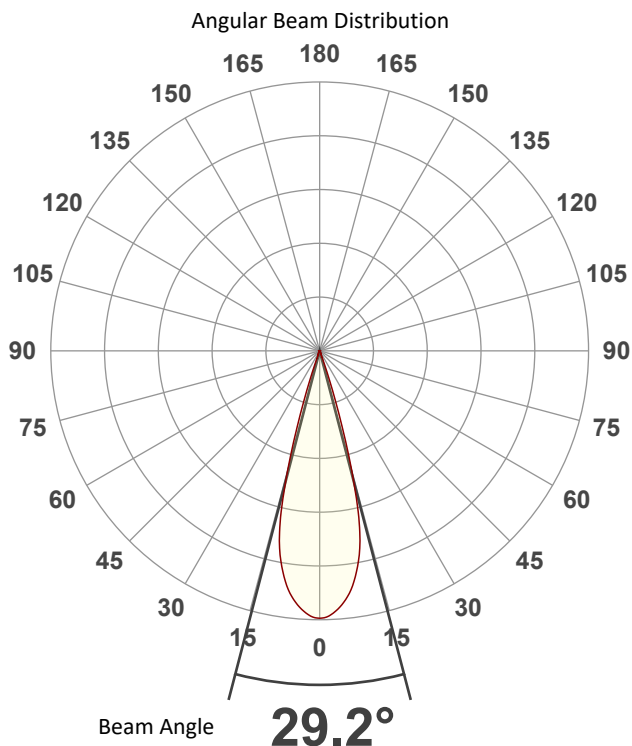
Fixture Output: 11070 lm
Fixture Peak: 51656 cd
Fixture Efficacy: -117237968 lm/W
Intensity @ 5m: 2066 lux
Color Temperature: 21039 K
CRI: 73.1 CRI R9 Value: -55.9
CQS: 86.3
TLCI: 77
TM-30 Rf: 76.9
TM-30 Rg: 115.2
Beam Angle (50%): 29.2°
Field Angle (10%): 37.5°
Cutoff Angle (3%): 40.5°

Conditions

AC Supply: 113 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

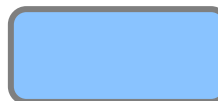
Overall Measurement



Tested Color (CIE 1931):

X: 0.261

Y: 0.251



Light Quality

CRI: 73.1

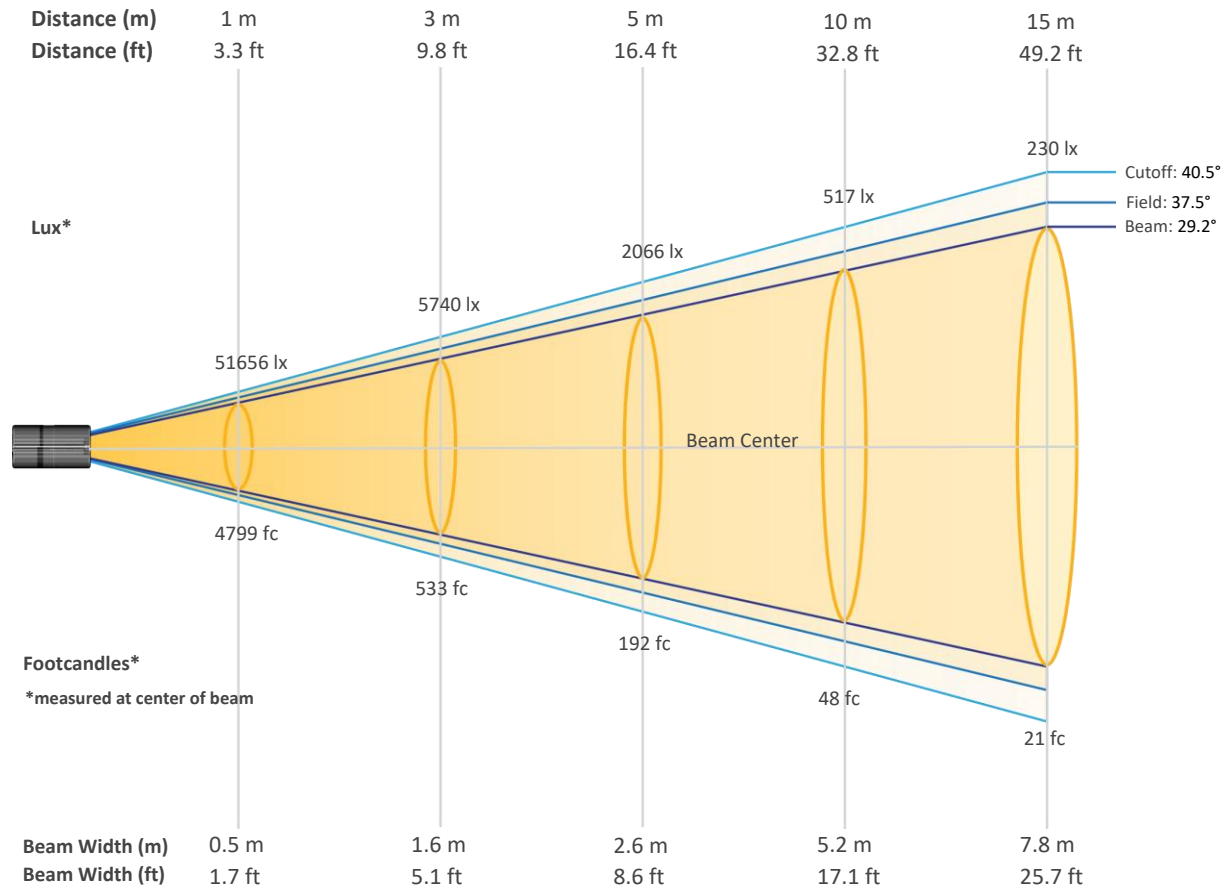
Color Temperature

21039 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW

Beam Details

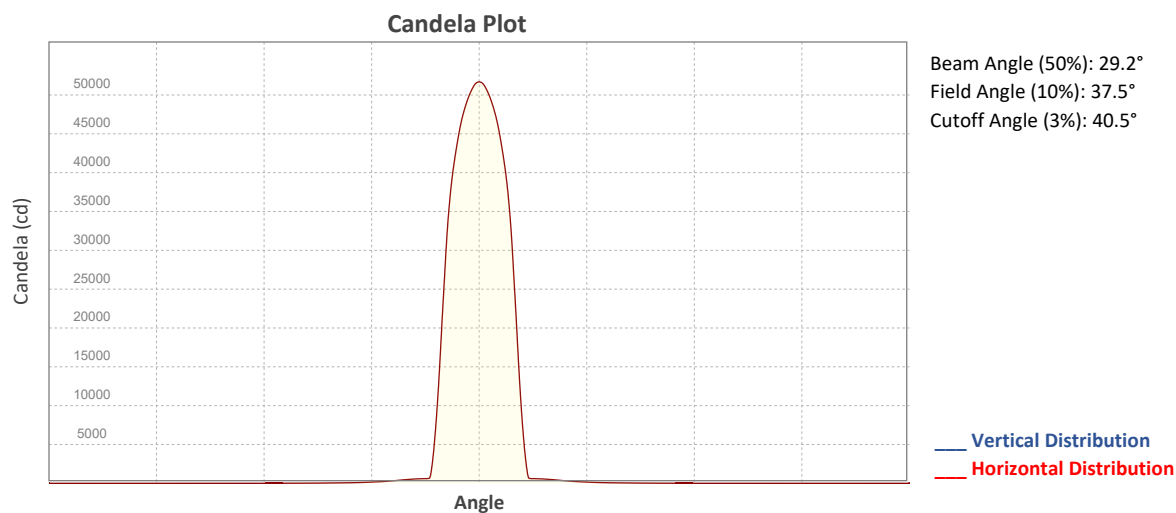


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	51656	12914	5740	3228	2066	1435	1054	807	638	517
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	427	359	306	264	230	202	179	159	143	129
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4799	1200	533	300	192	133	98	75	59	48
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	40	33	28	24	21	19	17	15	13	12

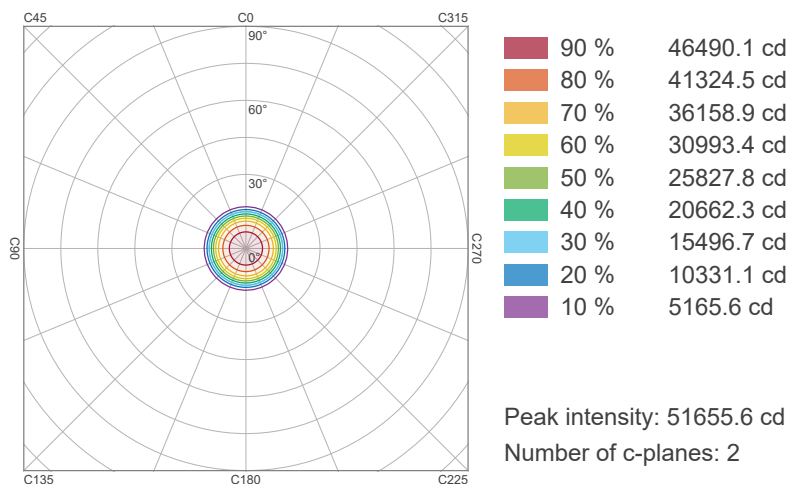
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW

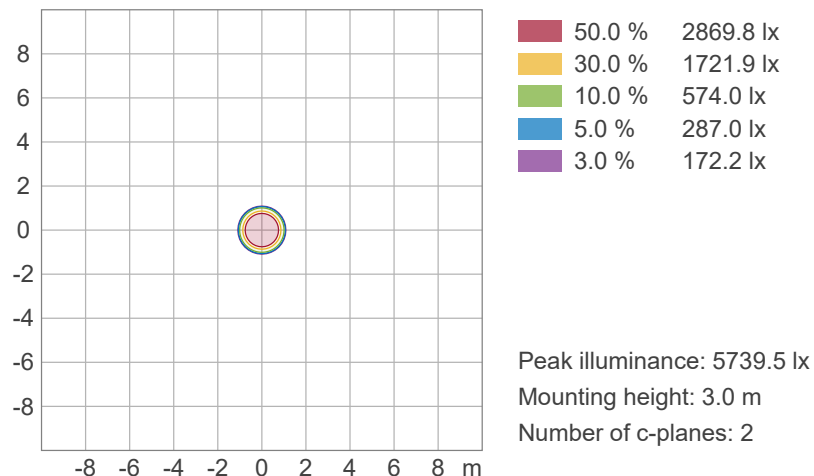


ISO Diagrams

ISO Candela Diagram



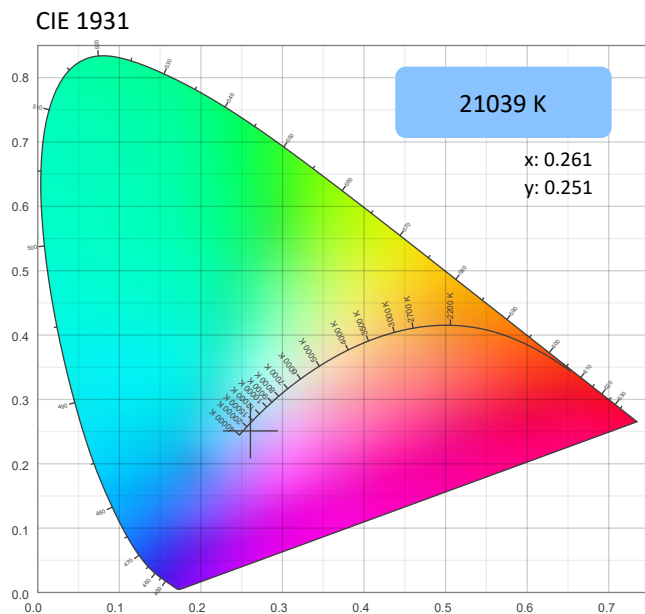
ISO Lux Diagram



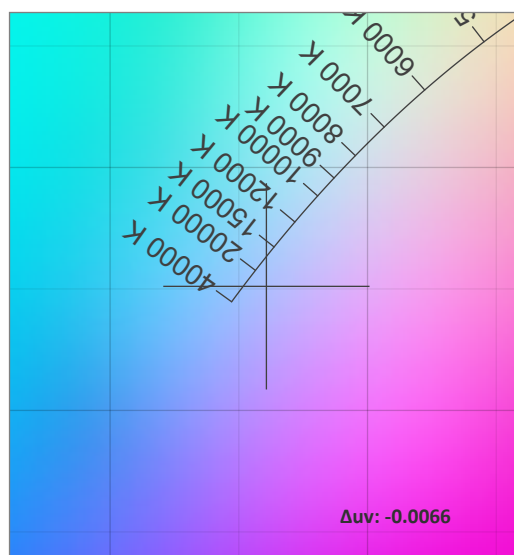
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW

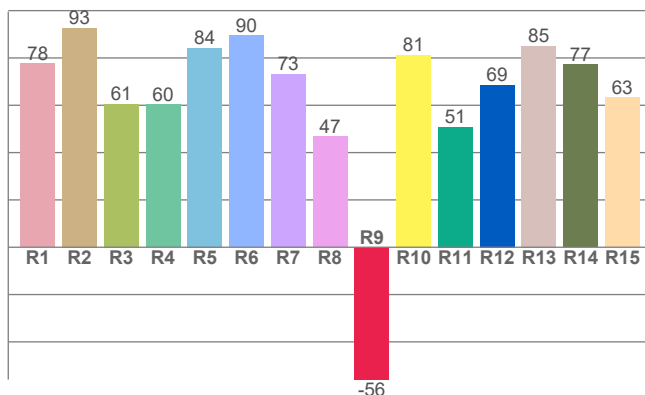
Chromaticity



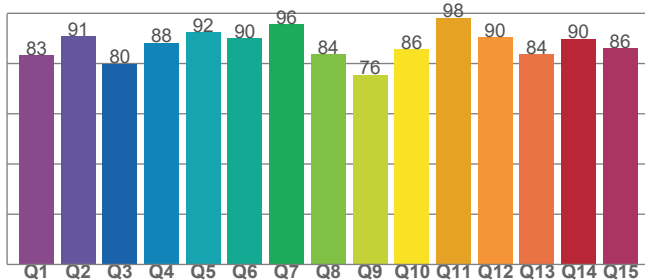
CIE 1931 - Zoom



CRI: 73.1 (R1-R8)



CQS: 86.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
21039 K	0.261	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0066	0.251	0.190

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.1	-55.9	86.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
77	76.9	115.2

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW

TM-30 Details

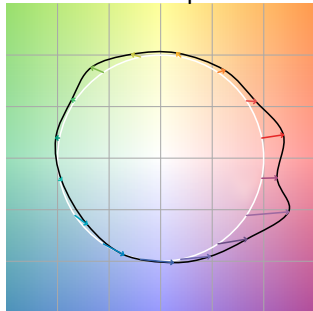
Rf 76.9

Fidelity Index
(Rg)

Rg 115.2

Gammut Index (Rg)

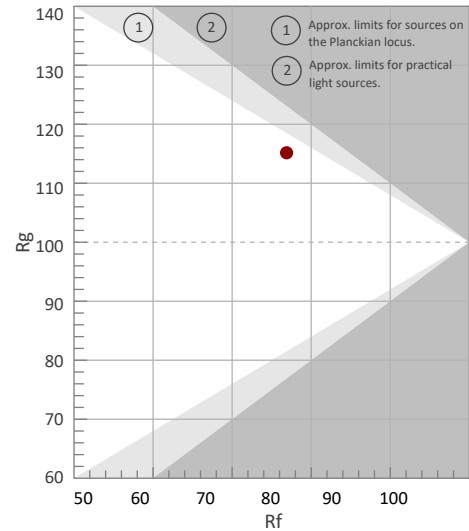
Color Vector Graphic



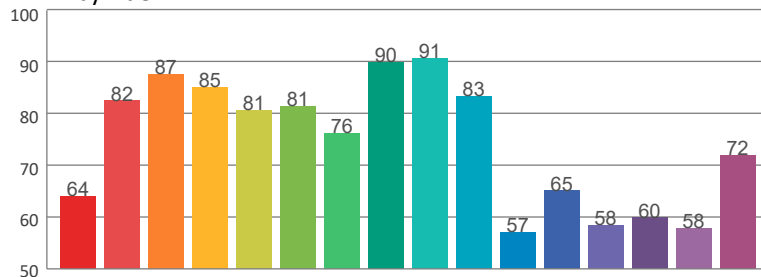
Color Distortion Graphic



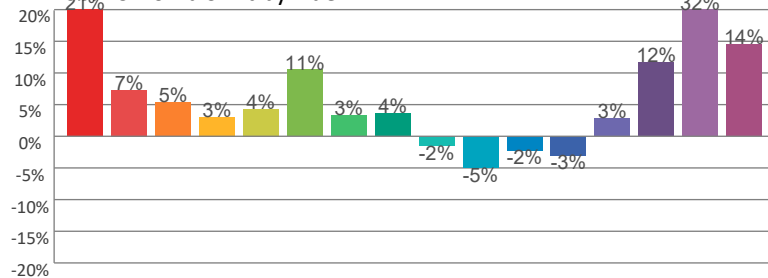
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	64	21%	-1%
2	82	7%	-6%
3	87	5%	-4%
4	85	3%	4%
5	81	4%	8%
6	81	11%	7%
7	76	3%	0%
8	90	4%	1%
9	91	-2%	2%
10	83	-5%	14%
11	57	-2%	22%
12	65	-3%	32%
13	58	3%	28%
14	60	12%	26%
15	58	32%	26%
16	72	14%	3%



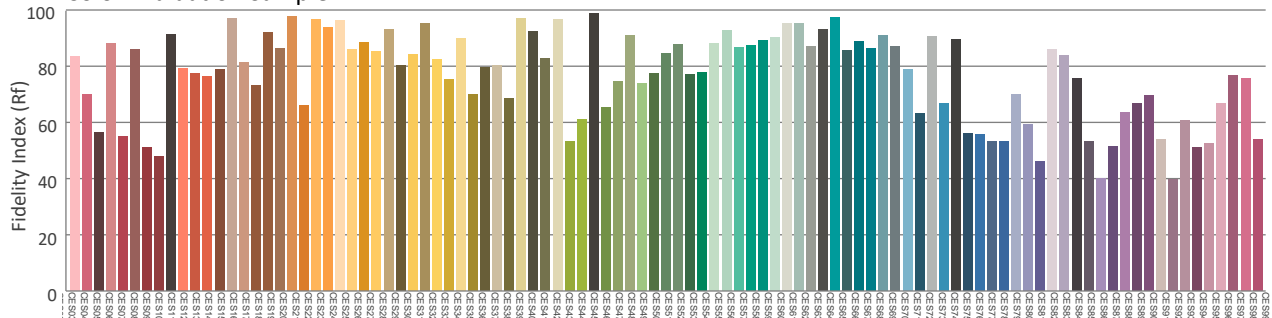
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-ECO

Report Summary

Measurements

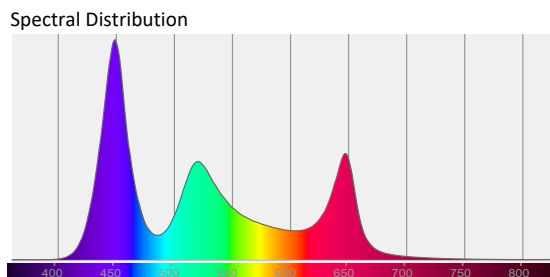
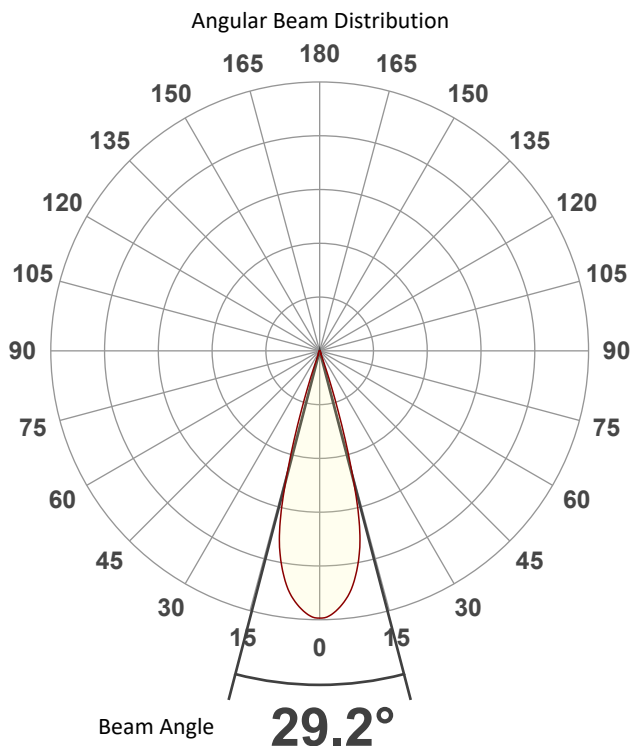
Fixture Output: 10486 lm
Fixture Peak: 49133 cd
Fixture Efficacy: -121748405 lm/W
Intensity @ 5m: 1965 lux
Color Temperature: 23686 K
CRI: 76.9 CRI R9 Value: -30.2
CQS: 87.3
TLCI: 82
TM-30 Rf: 78.7
TM-30 Rg: 112.4
Beam Angle (50%): 29.2°
Field Angle (10%): 37.4°
Cutoff Angle (3%): 40.5°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

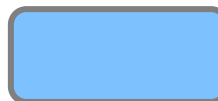
Overall Measurement



Tested Color (CIE 1931):

X: 0.256

Y: 0.251



Light Quality

CRI: 76.9

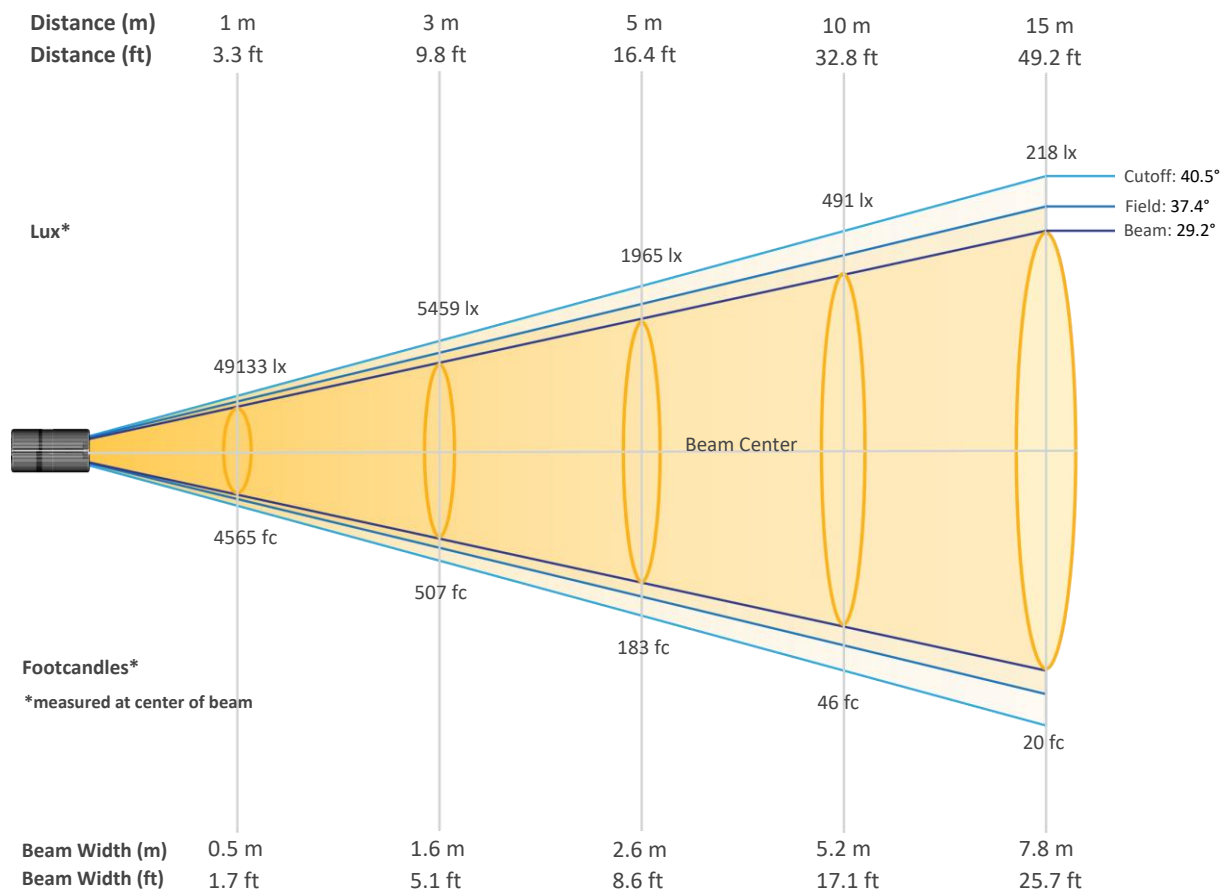
Color Temperature

23686 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-ECO

Beam Details

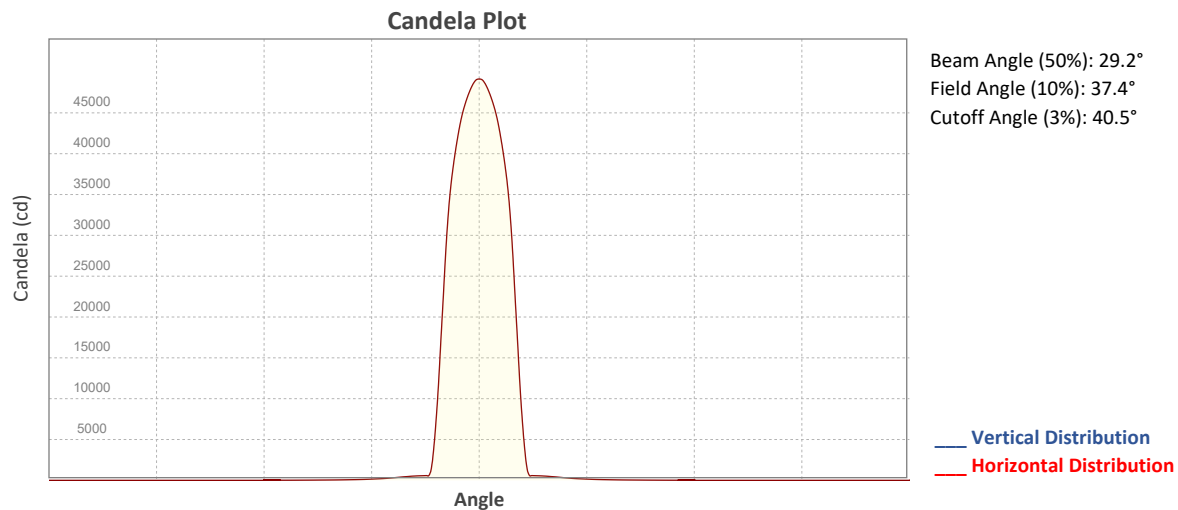


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	49133	12283	5459	3071	1965	1365	1003	768	607	491
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	406	341	291	251	218	192	170	152	136	123
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4565	1141	507	285	183	127	93	71	56	46
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	38	32	27	23	20	18	16	14	13	11

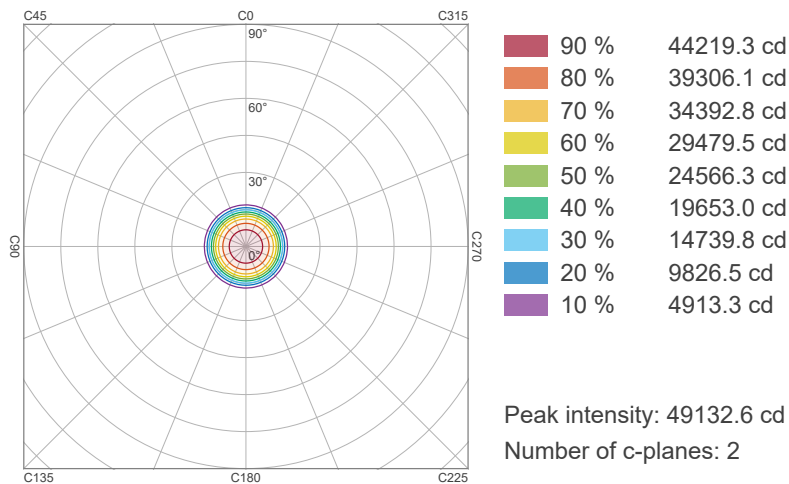
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-ECO

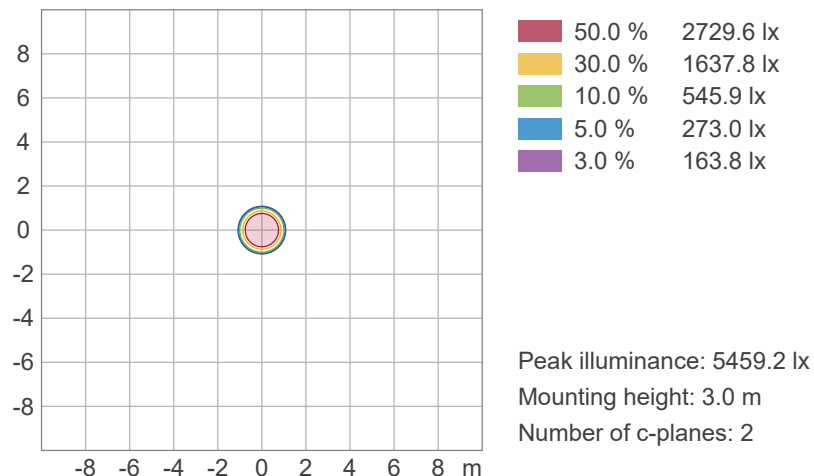


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

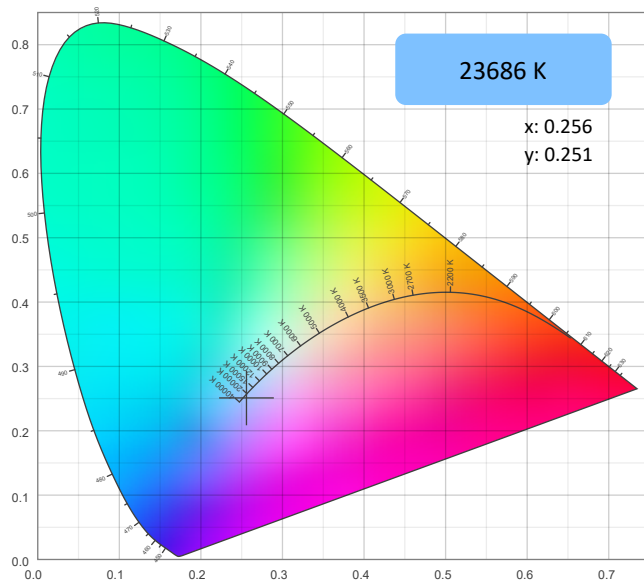


Photometric & Chromaticity Report

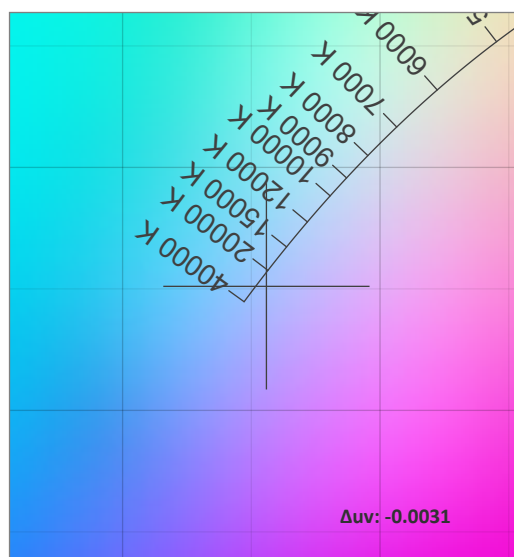
COLORado PXL Curve 5: Full Flood - RGBW-ECO

Chromaticity

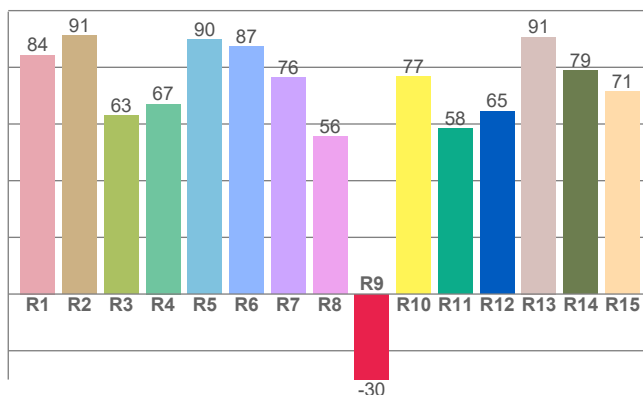
CIE 1931



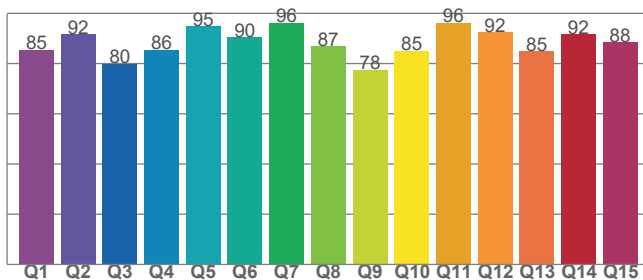
CIE 1931 - Zoom



CRI: 76.9 (R1-R8)



CQS: 87.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
23686 K	0.256	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0031	0.251	0.186

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.9	-30.2	87.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
82	78.7	112.4

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-ECO

TM-30 Details

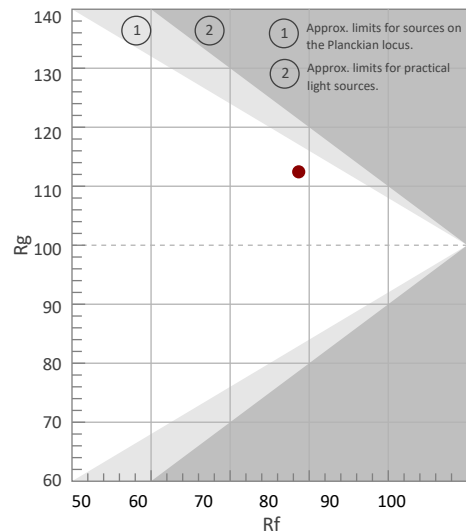
Rf 78.7

Fidelity Index
(Rg)

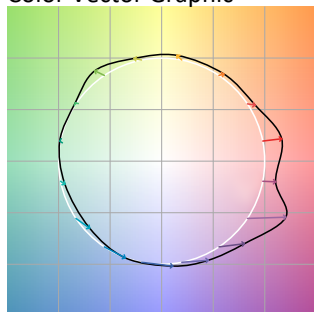
Rg 112.4

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	69	18%	-1%
2	86	6%	-5%
3	89	4%	-3%
4	84	4%	5%
5	82	3%	7%
6	84	9%	5%
7	78	1%	-1%
8	92	1%	0%
9	89	-4%	4%
10	81	-6%	15%
11	56	-2%	23%
12	66	-2%	30%
13	62	3%	26%
14	65	11%	22%
15	62	30%	22%
16	76	12%	2%



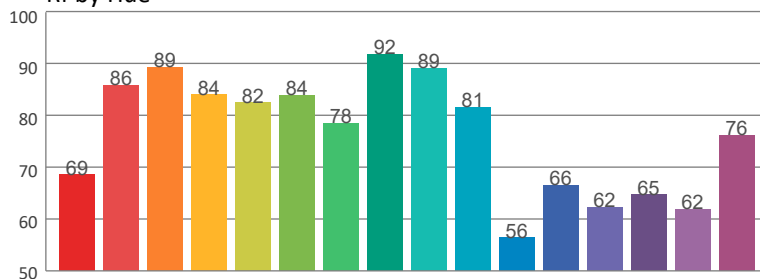
Color Vector Graphic



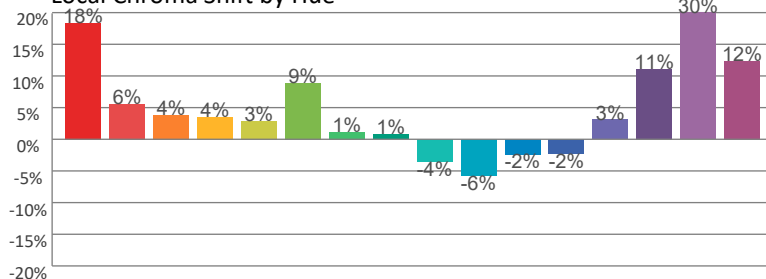
Color Distortion Graphic



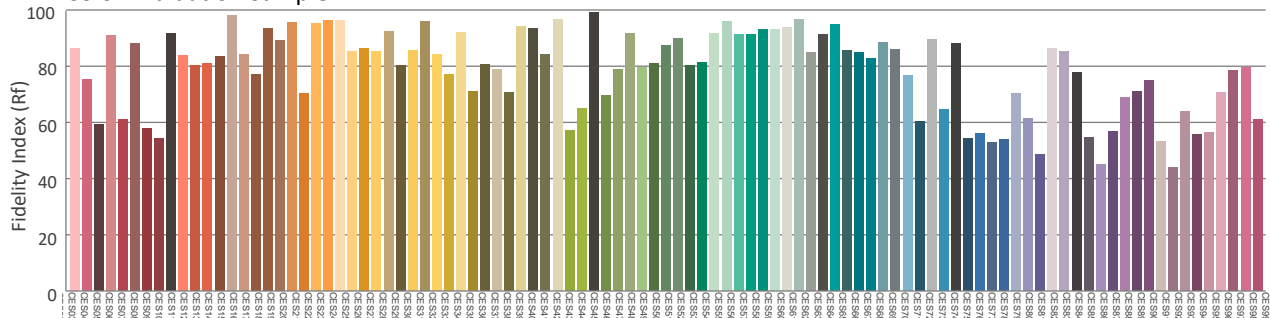
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Auto

Report Summary

Measurements

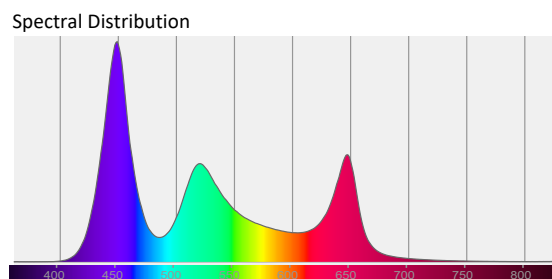
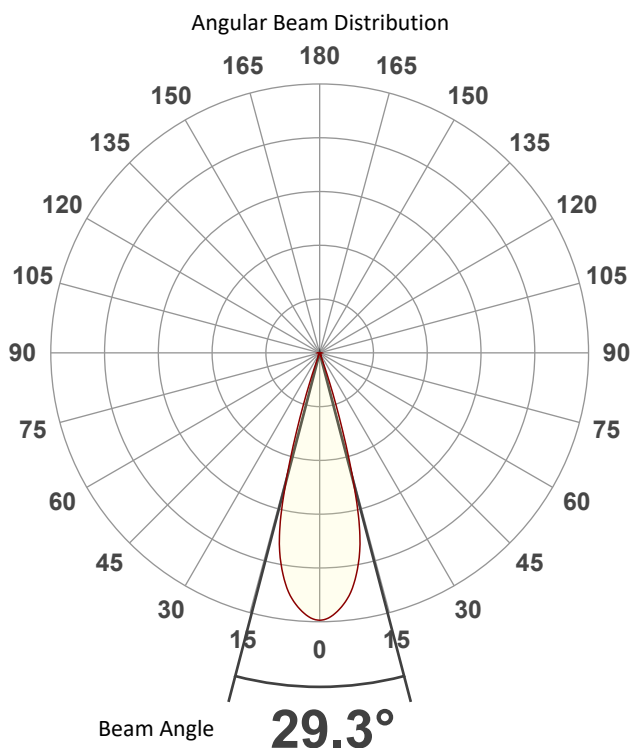
Fixture Output: 10571 lm
Fixture Peak: 49329 cd
Fixture Efficacy: -101073309 lm/W
Intensity @ 5m: 1973 lux
Color Temperature: 23393 K
CRI: 76.6 CRI R9 Value: -32.1
CQS: 87.2
TLCI: 82
TM-30 Rf: 78.6
TM-30 Rg: 112.7
Beam Angle (50%): 29.3°
Field Angle (10%): 37.5°
Cutoff Angle (3%): 40.5°

Conditions

AC Supply: 114 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

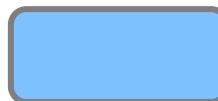
Overall Measurement



Tested Color (CIE 1931):

X: 0.256

Y: 0.251



Light Quality

CRI: 76.6

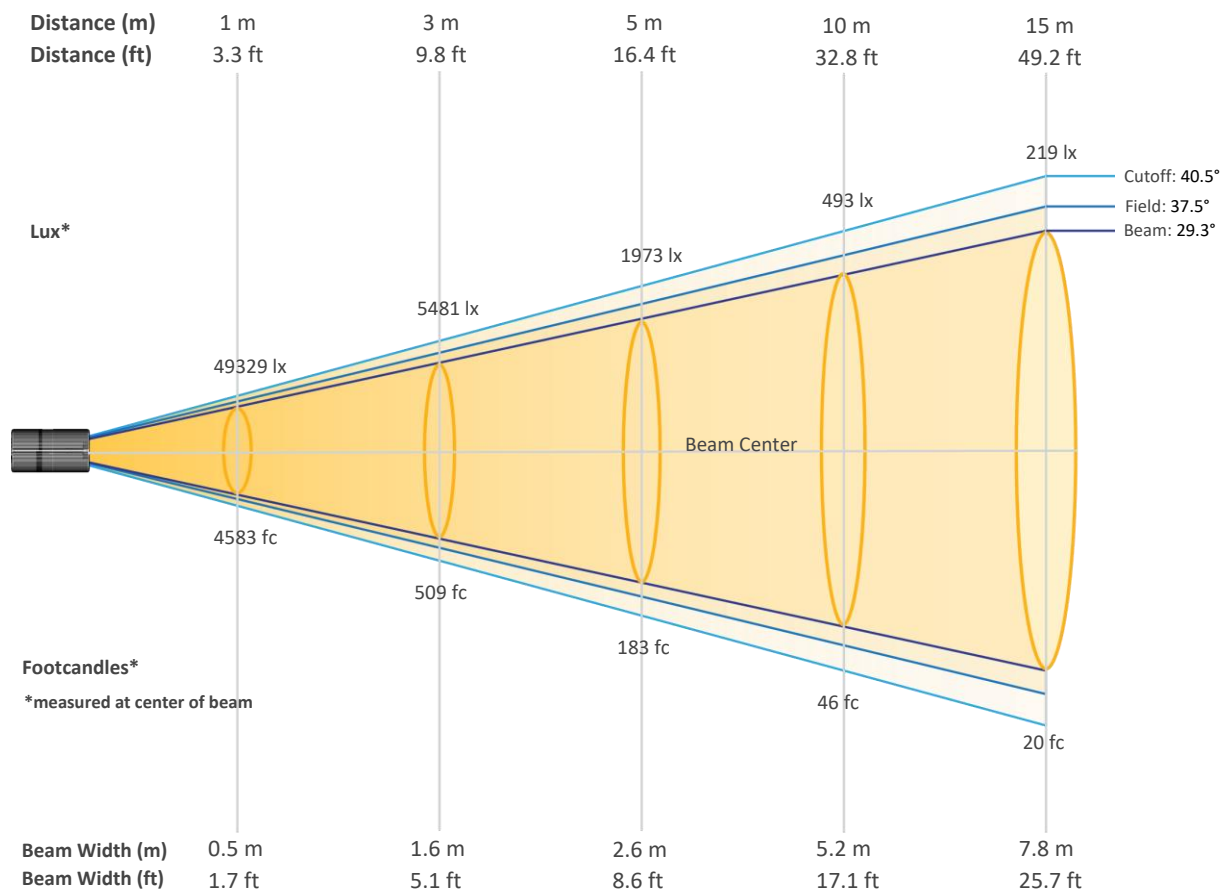
Color Temperature

23393 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Auto

Beam Details

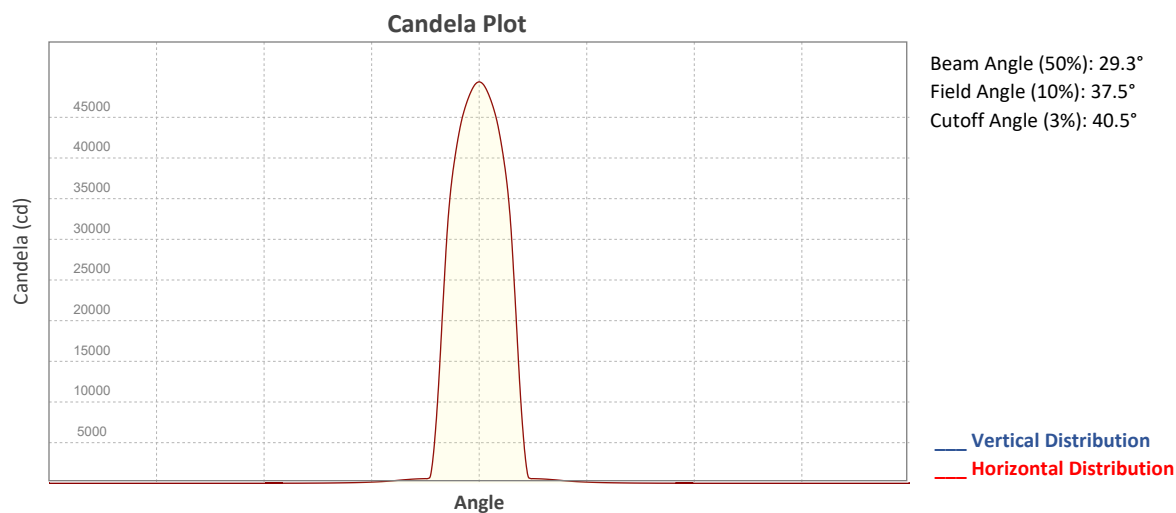


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	49329	12332	5481	3083	1973	1370	1007	771	609	493
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	408	343	292	252	219	193	171	152	137	123
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4583	1146	509	286	183	127	94	72	57	46
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	38	32	27	23	20	18	16	14	13	11

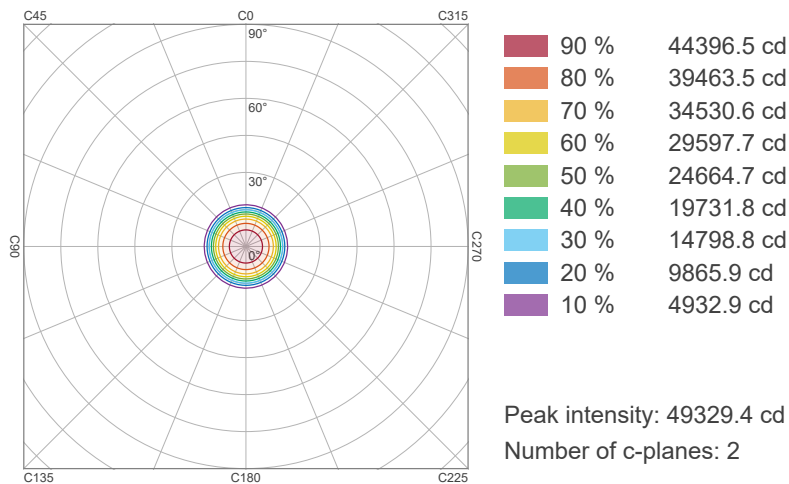
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Auto

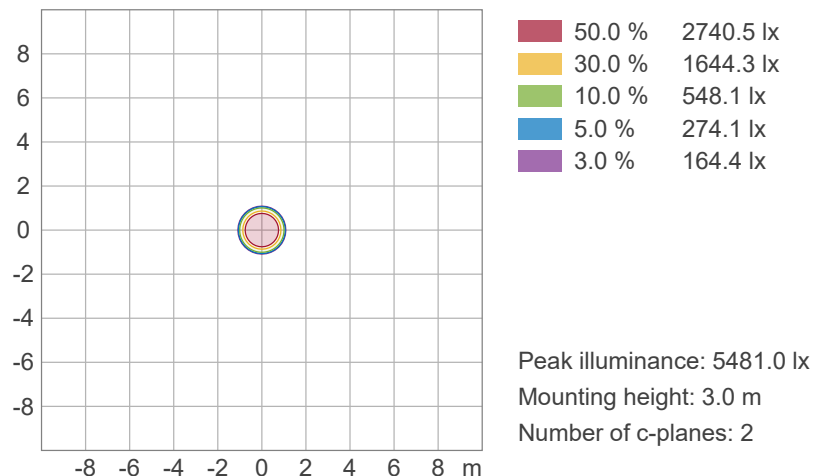


ISO Diagrams

ISO Candela Diagram



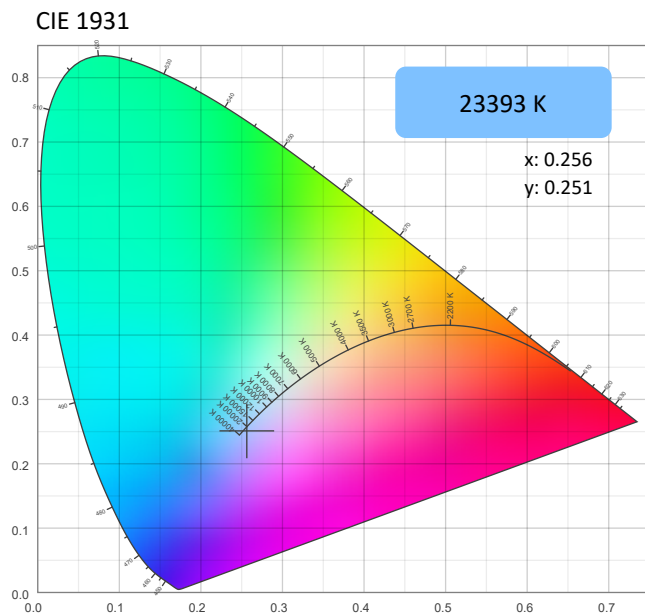
ISO Lux Diagram



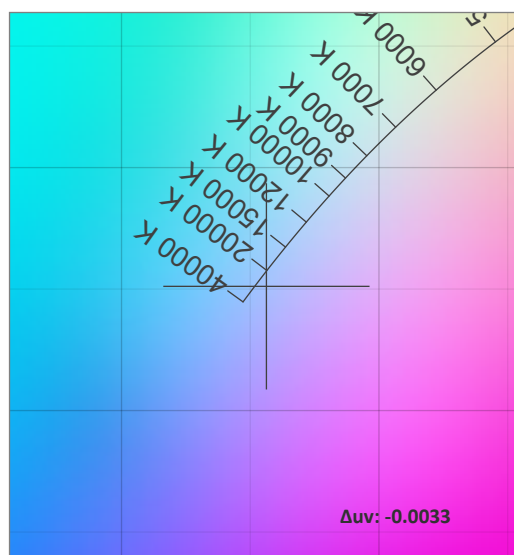
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Auto

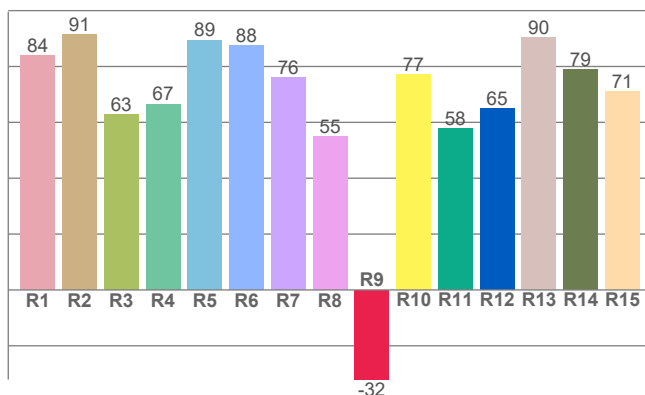
Chromaticity



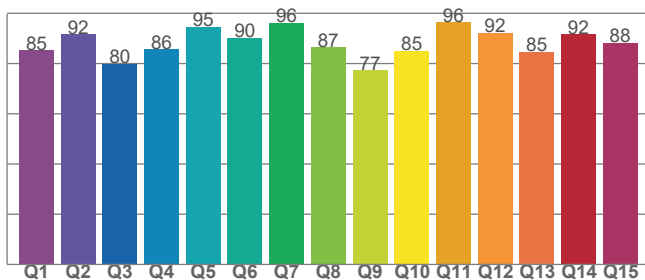
CIE 1931 - Zoom



CRI: 76.6 (R1-R8)



CQS: 87.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
23393 K	0.256	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0033	0.251	0.186

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
76.6	-32.1	87.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
82	78.6	112.7

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Auto

TM-30 Details

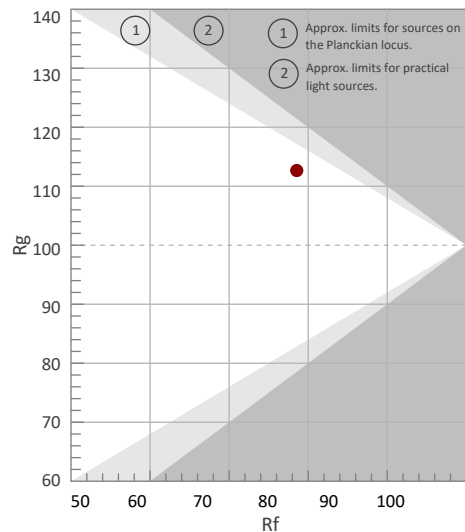
Rf 78.6

Fidelity Index
(Rg)

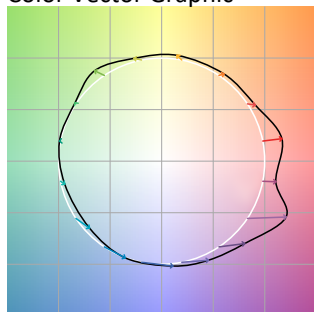
Rg 112.7

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	68	19%	-1%
2	86	6%	-5%
3	89	4%	-3%
4	84	4%	5%
5	82	3%	7%
6	84	9%	5%
7	78	1%	-1%
8	92	1%	0%
9	89	-3%	3%
10	82	-6%	15%
11	56	-2%	23%
12	66	-2%	30%
13	62	3%	26%
14	64	11%	22%
15	62	30%	22%
16	76	12%	2%



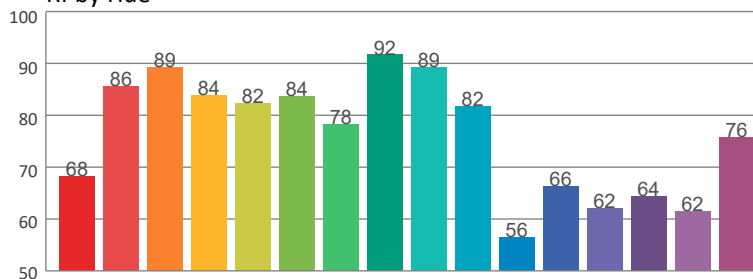
Color Vector Graphic



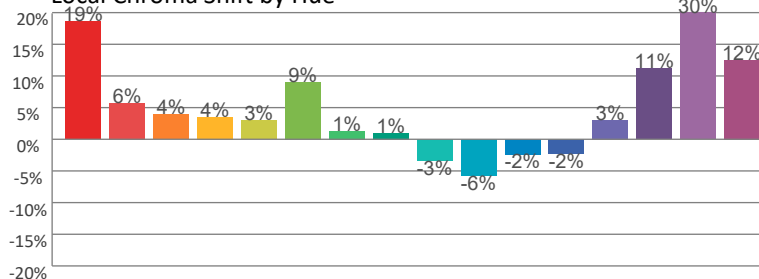
Color Distortion Graphic



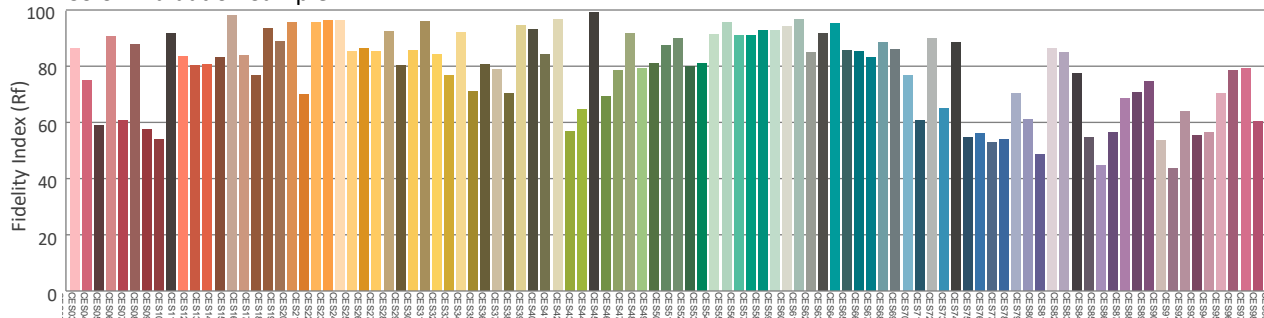
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Cali On

Report Summary

Measurements

Fixture Output: 9453 lm

Fixture Peak: 43849 cd

Fixture Efficacy: -91721092 lm/W

Intensity @ 5m: 1754 lux

Color Temperature: 6470 K

CRI: 73.5 CRI R9 Value: -28.8

CQS: 86.6

TLCI: 67

TM-30 Rf: 79.3

TM-30 Rg: 117.9

Beam Angle (50%): 29.4°

Field Angle (10%): 37.6°

Cutoff Angle (3%): 40.6°

Conditions

AC Supply: 114 V, 60 Hz

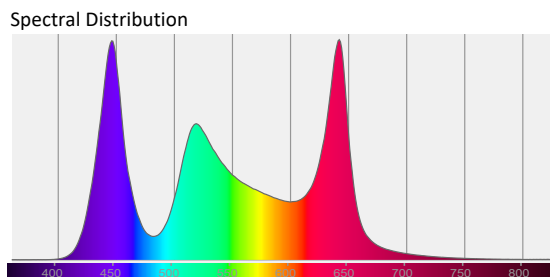
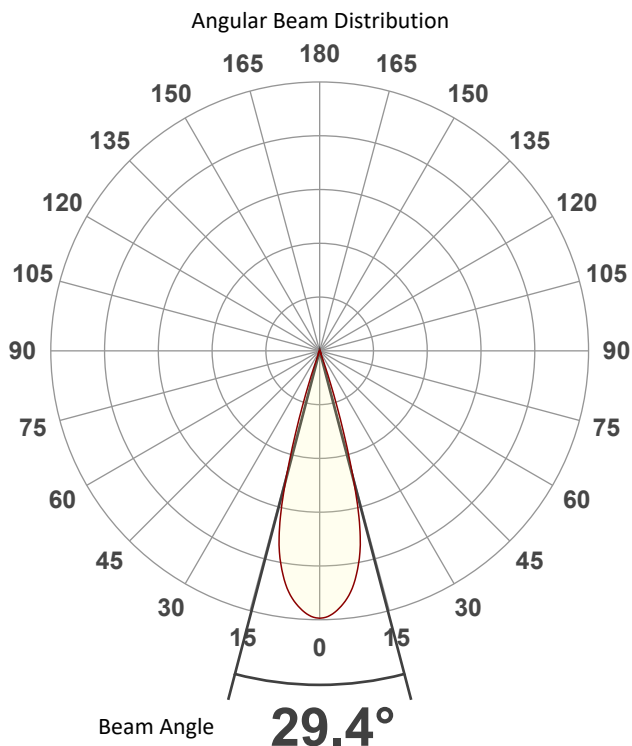
Power: 0.02 W

Current: 0.000 A

Power Factor: -0.01

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 3/20/2026 to LM-63-2002 Standards.

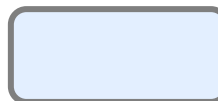
Overall Measurement



Tested Color (CIE 1931):

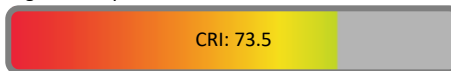
X: 0.316

Y: 0.313



Light Quality

CRI: 73.5



Color Temperature

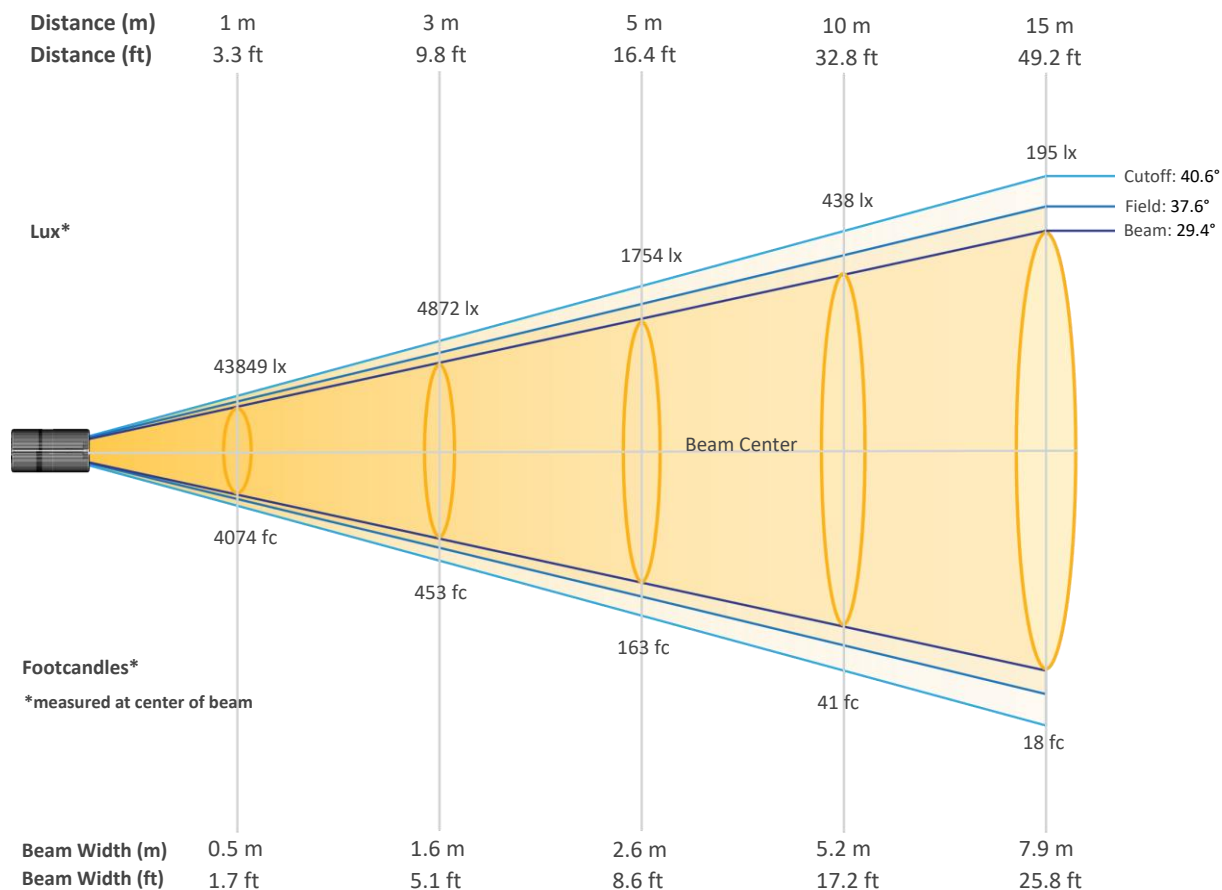
6470 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Cali On

Beam Details

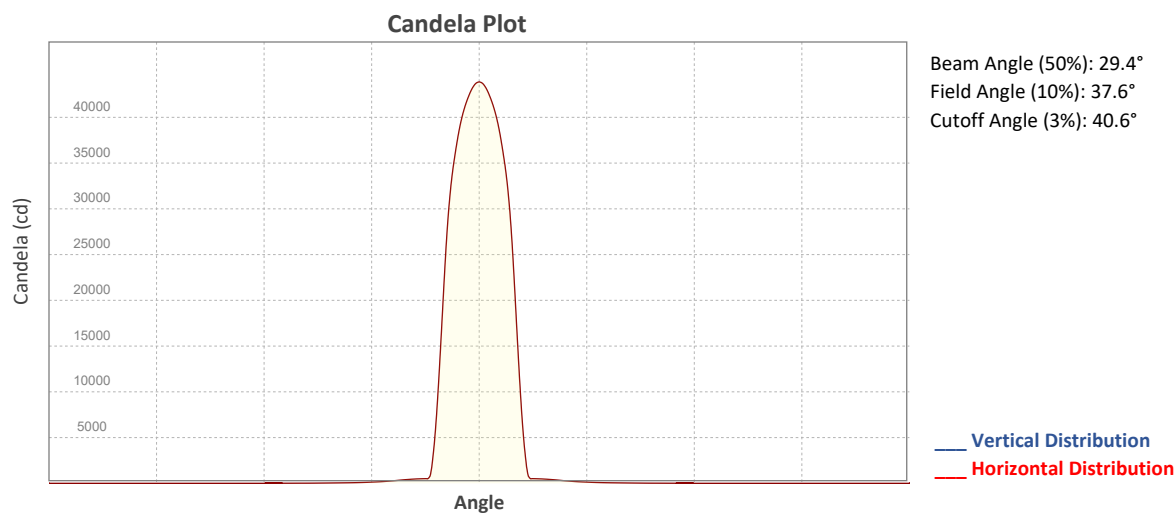


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	43849	10962	4872	2741	1754	1218	895	685	541	438
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	362	305	259	224	195	171	152	135	121	110
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4074	1018	453	255	163	113	83	64	50	41
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	34	28	24	21	18	16	14	13	11	10

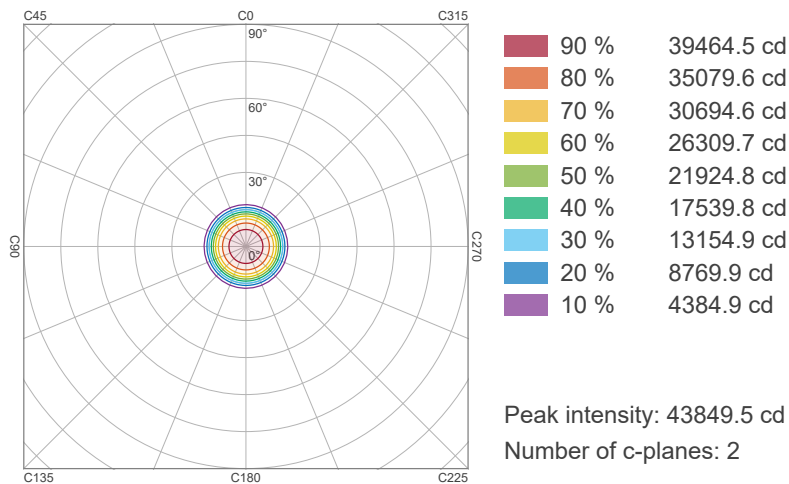
Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Cali On

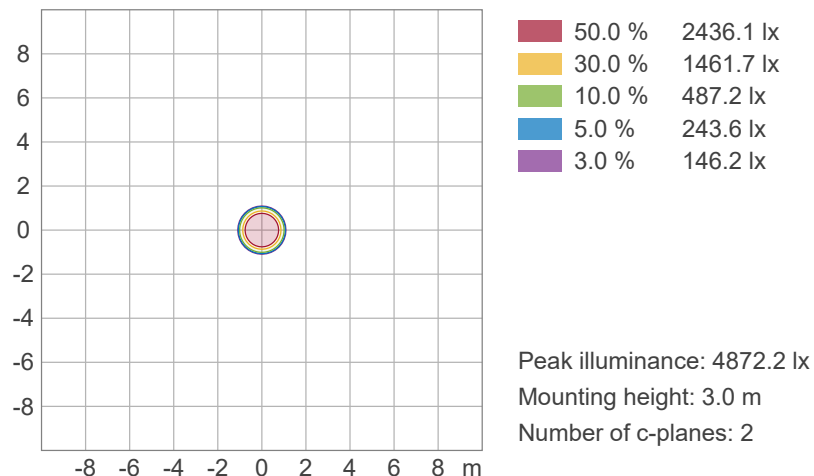


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

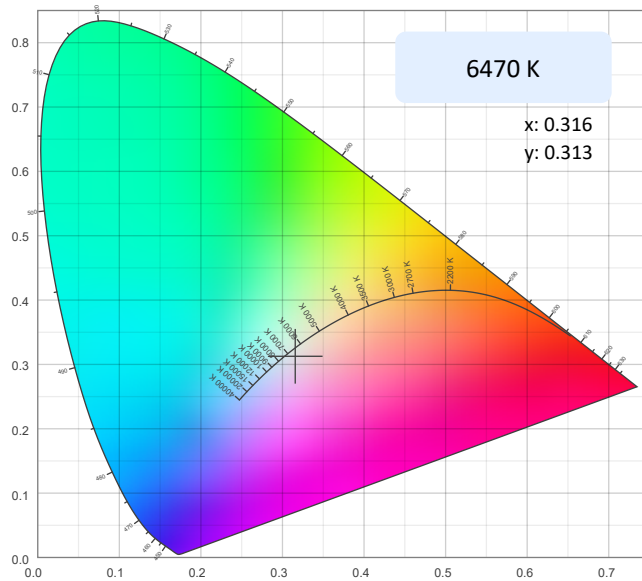


Photometric & Chromaticity Report

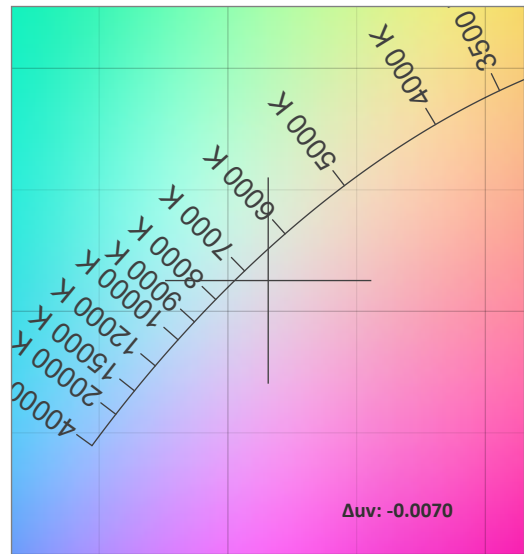
COLORado PXL Curve 5: Full Flood - RGBW-Cali On

Chromaticity

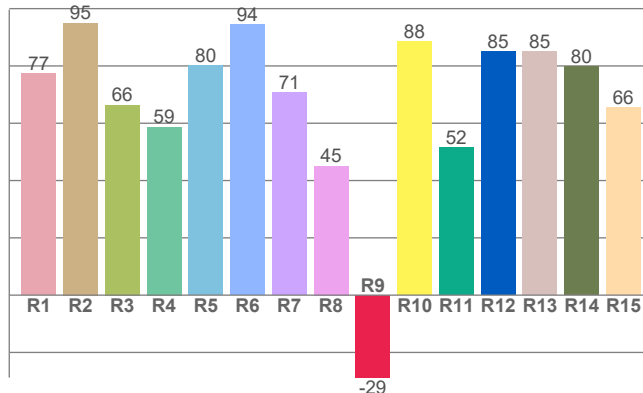
CIE 1931



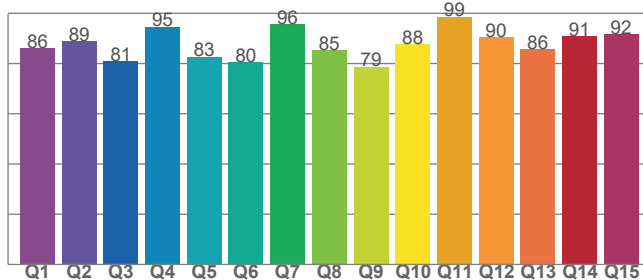
CIE 1931 - Zoom



CRI: 73.5 (R1-R8)



CQS: 86.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6470 K	0.316	0.313

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0070	0.313	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.5	-28.8	86.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
67	79.3	117.9

Photometric & Chromaticity Report

COLORado PXL Curve 5: Full Flood - RGBW-Cali On

TM-30 Details

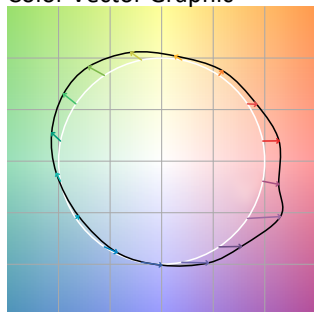
Rf 79.3

Fidelity Index
(Rg)

Rg 117.9

Gammut Index (Rg)

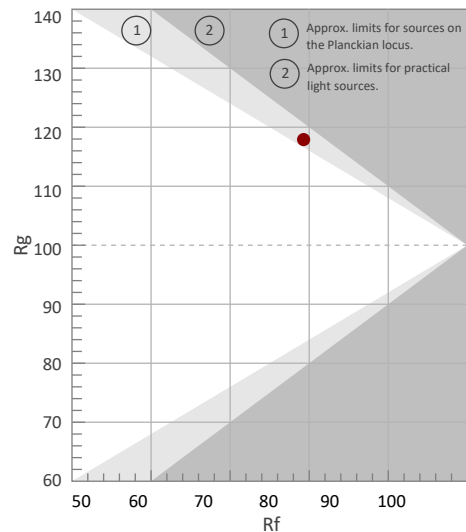
Color Vector Graphic



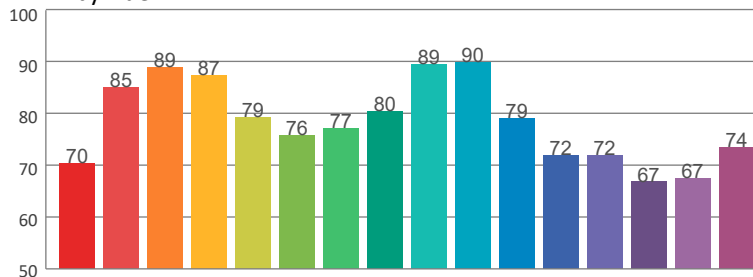
Color Distortion Graphic



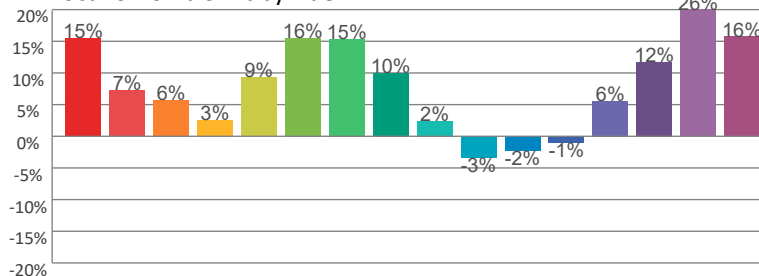
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	70	15%	-3%
2	85	7%	-5%
3	89	6%	0%
4	87	3%	7%
5	79	9%	9%
6	76	16%	8%
7	77	15%	-1%
8	80	10%	-6%
9	89	2%	-8%
10	90	-3%	0%
11	79	-2%	13%
12	72	-1%	20%
13	72	6%	25%
14	67	12%	18%
15	67	26%	19%
16	74	16%	0%



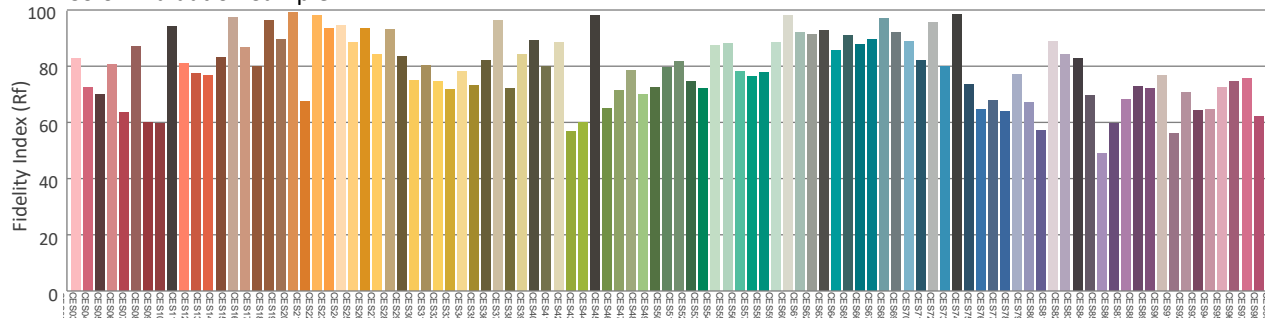
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power

Report Summary

Measurements

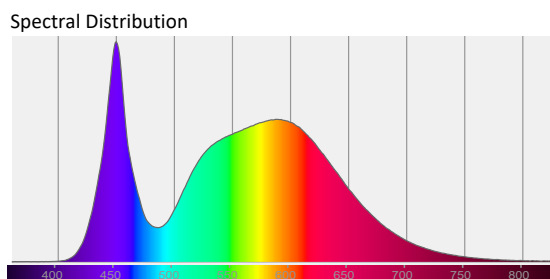
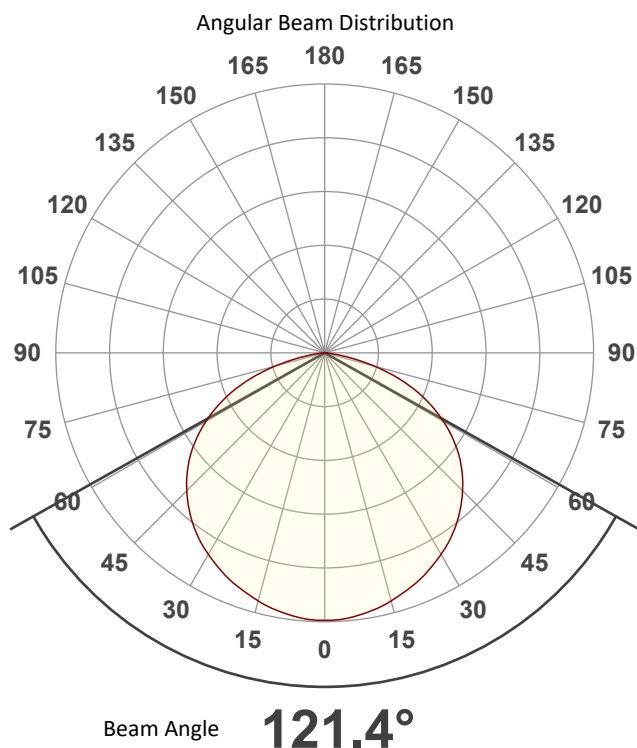
Fixture Output: 42057 lm
Fixture Peak: 13774 cd
Fixture Efficacy: -522152410 lm/W
Intensity @ 5m: 551 lux
Color Temperature: 4531 K
CRI: 80.8 CRI R9 Value: 15.5
CQS: 76.7
TLCI: 62
TM-30 Rf: 78.4
TM-30 Rg: 99.0
Beam Angle (50%): 121.4°
Field Angle (10%): 158.1°
Cutoff Angle (3%): 167.7°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpon Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 3/20/2026 to LM-63-2002 Standards.

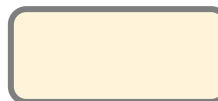
Overall Measurement



Tested Color (CIE 1931):

X: 0.357

Y: 0.348



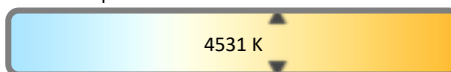
Light Quality

CRI: 80.8



Color Temperature

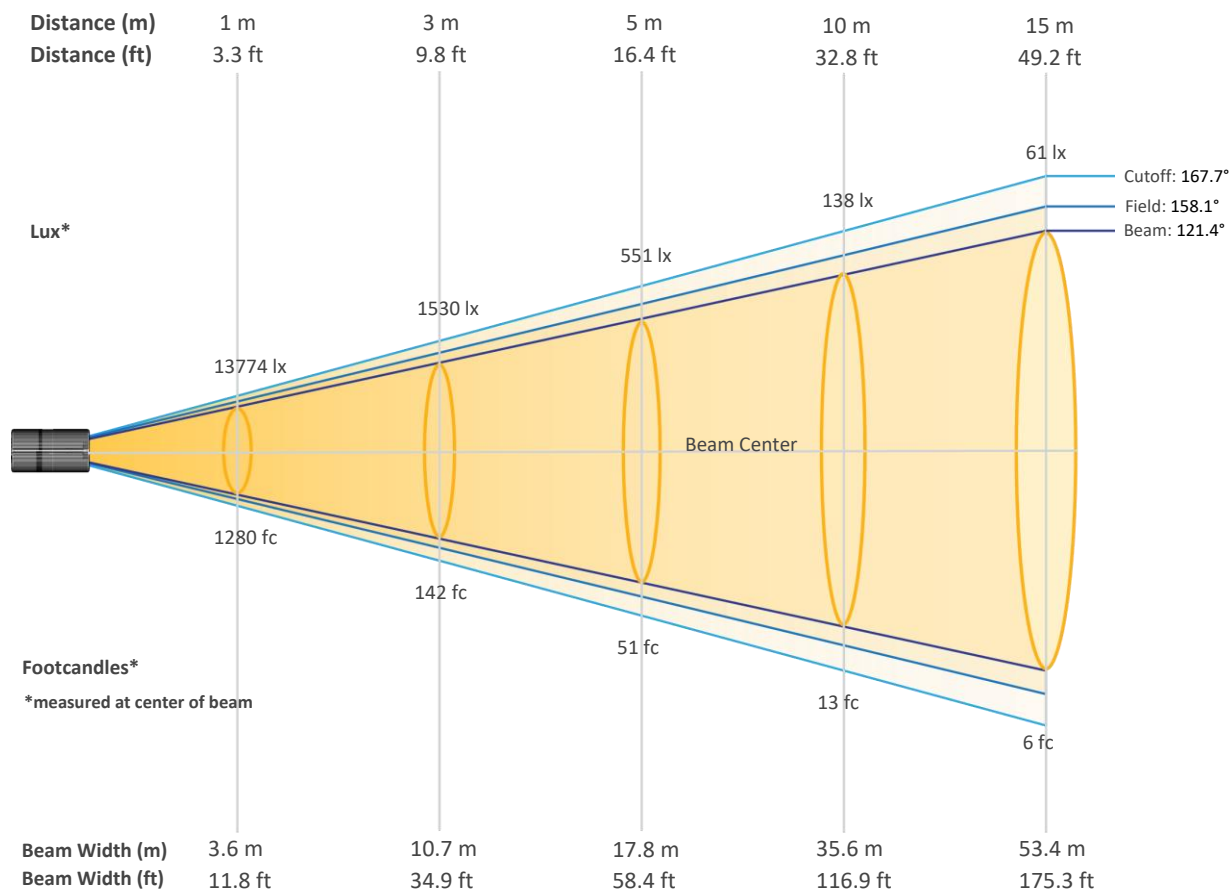
4531 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power

Beam Details

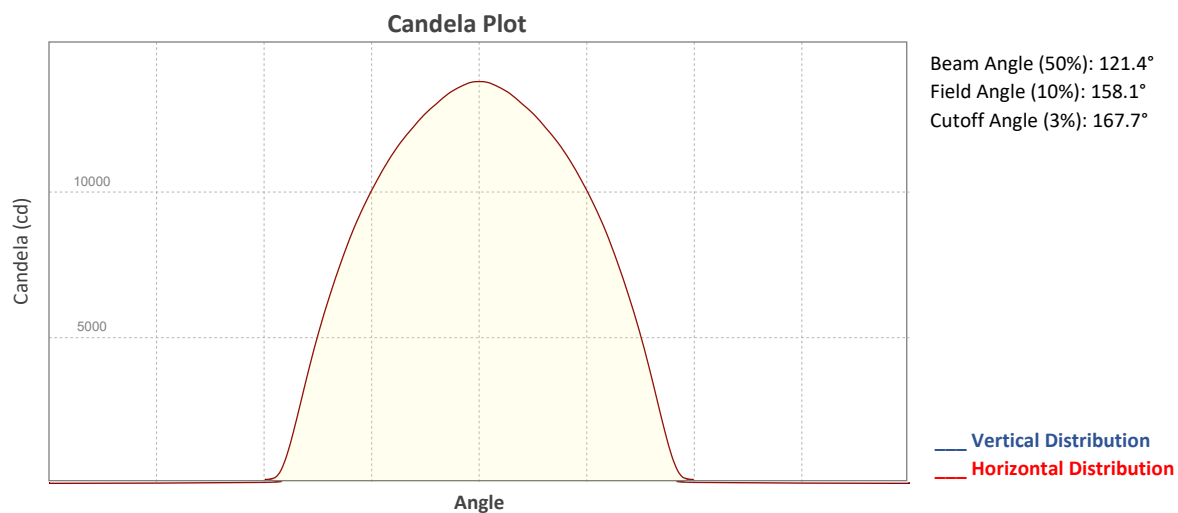


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13774	3443	1530	861	551	383	281	215	170	138
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	114	96	82	70	61	54	48	43	38	34
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1280	320	142	80	51	36	26	20	16	13
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	11	9	8	7	6	5	4	4	4	3

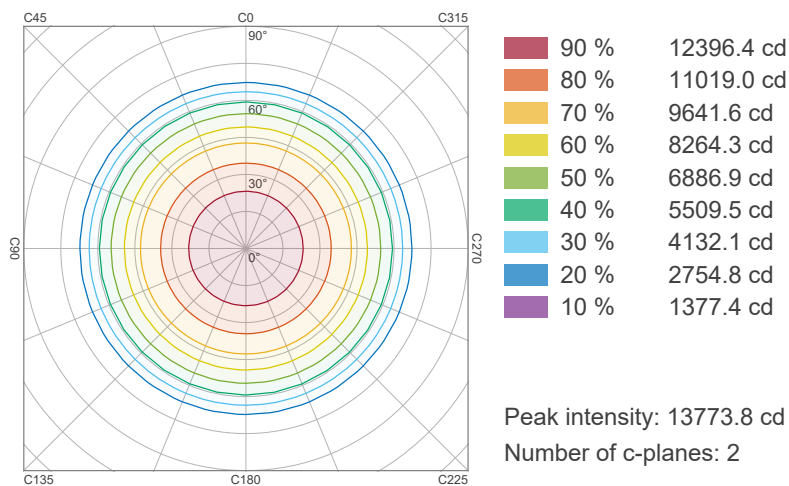
Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power

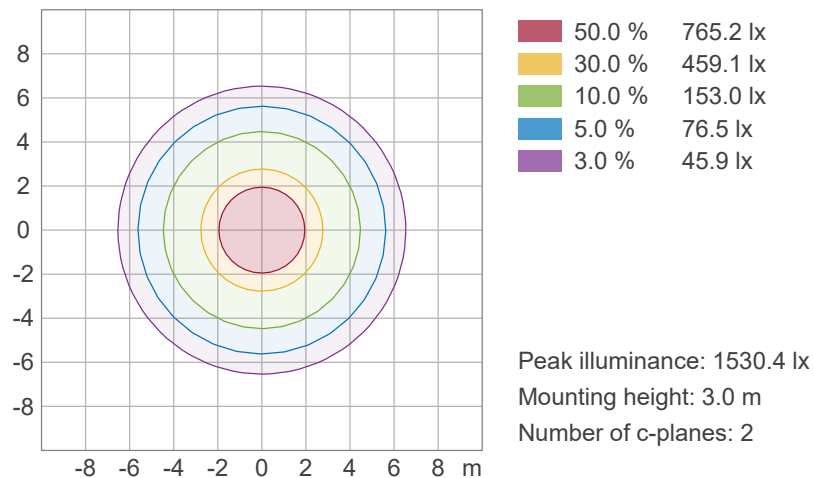


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

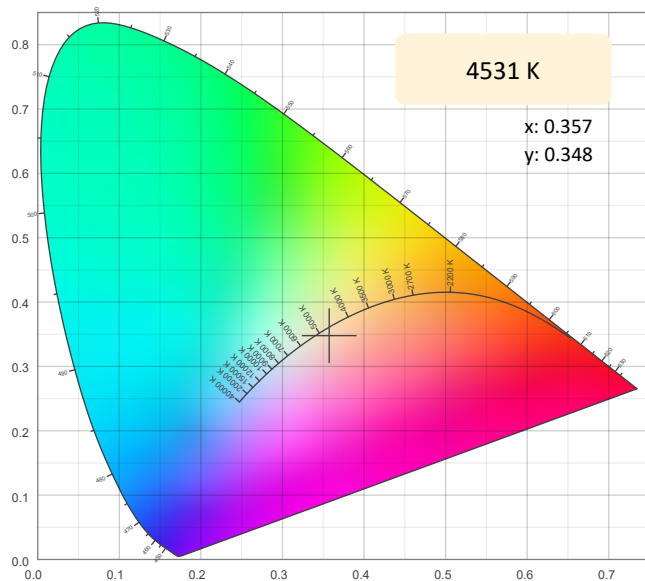


Photometric & Chromaticity Report

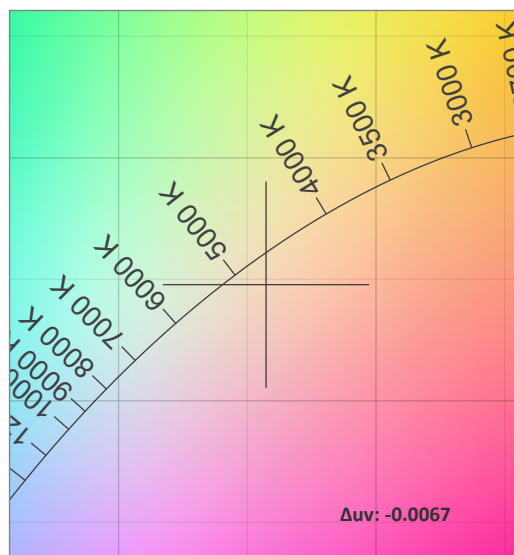
COLORado PXL Curve 5: Beam - Full Power

Chromaticity

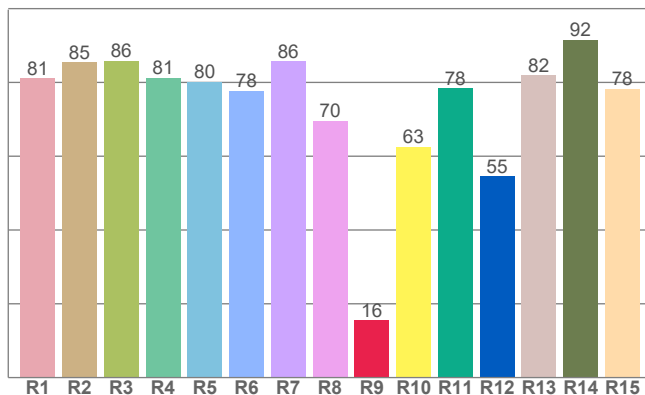
CIE 1931



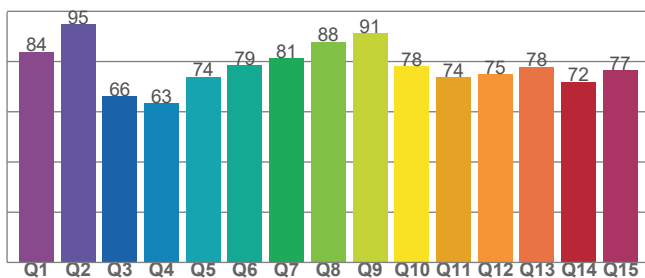
CIE 1931 - Zoom



CRI: 80.8 (R1-R8)



CQS: 76.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4531 K	0.357	0.348

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0067	0.348	0.221

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.8	15.5	76.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
62	78.4	99.0

Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power

TM-30 Details

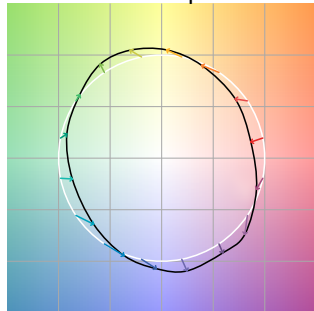
Rf 78.4

Fidelity Index
(Rg)

Rg 99.0

Gammut Index (Rg)

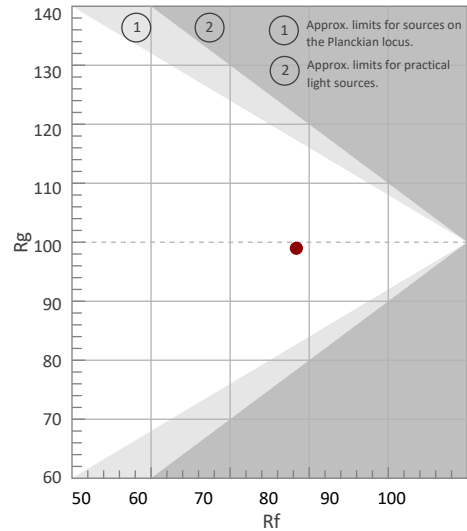
Color Vector Graphic



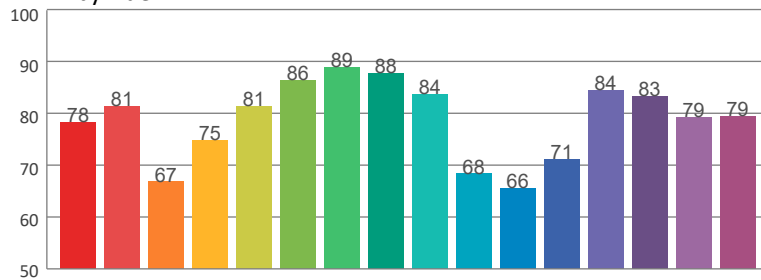
Color Distortion Graphic



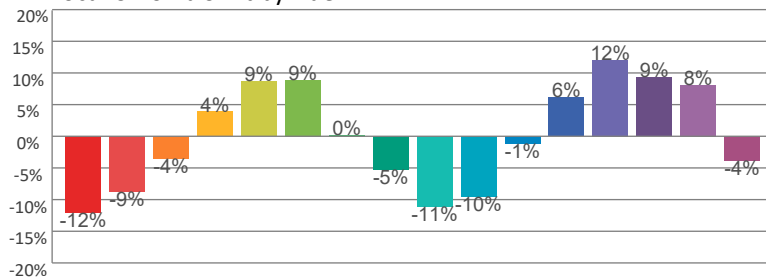
		Graphic shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	78	-12%	-2%
2	81	-9%	8%
3	67	-4%	18%
4	75	4%	16%
5	81	9%	10%
6	86	9%	-1%
7	89	0%	-7%
8	88	-5%	-5%
9	84	-11%	3%
10	68	-10%	17%
11	66	-1%	22%
12	71	6%	16%
13	84	12%	3%
14	83	9%	-2%
15	79	8%	-17%
16	79	-4%	-12%



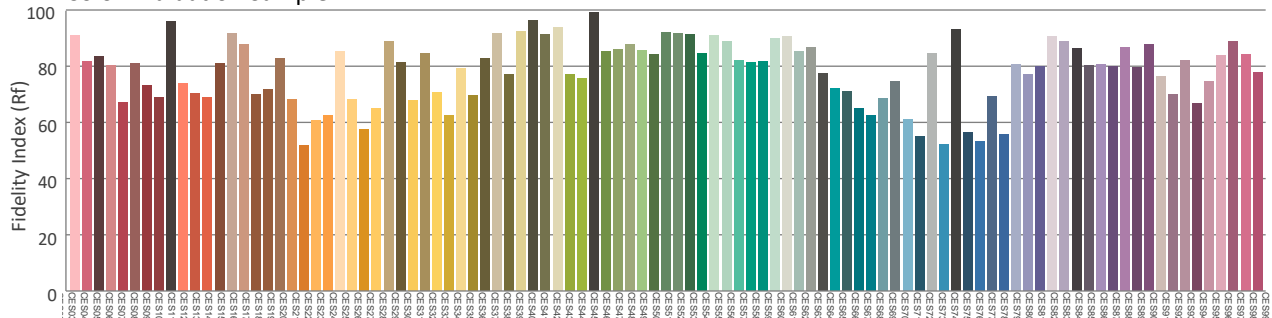
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power-Cali On

Report Summary

Measurements

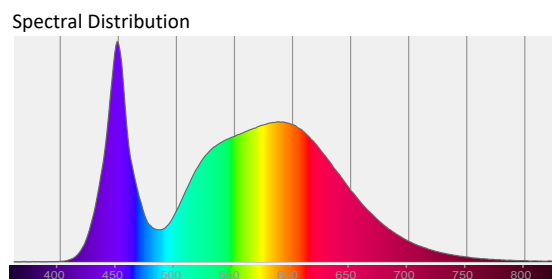
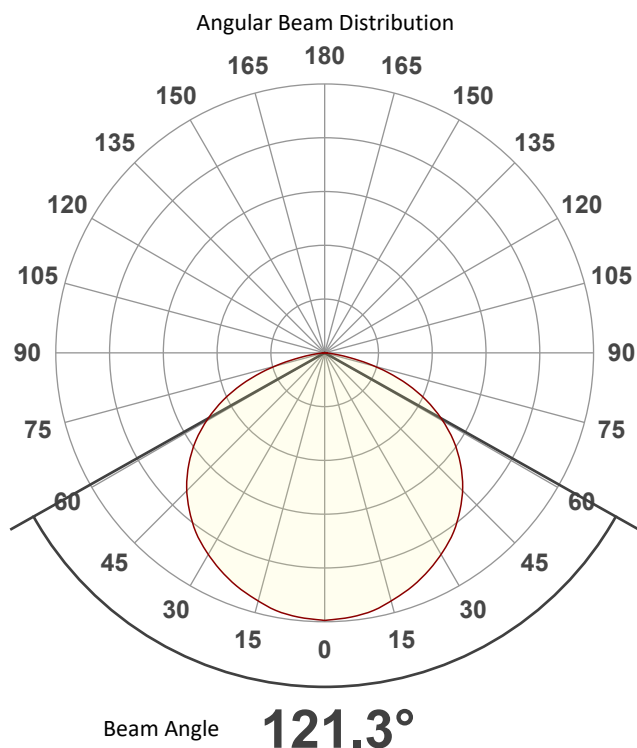
Fixture Output: 44108 lm
Fixture Peak: 14455 cd
Fixture Efficacy: -879603387 lm/W
Intensity @ 5m: 578 lux
Color Temperature: 4507 K
CRI: 80.5 CRI R9 Value: 14.7
CQS: 76.6
TLCI: 61
TM-30 Rf: 78.0
TM-30 Rg: 99.2
Beam Angle (50%): 121.3°
Field Angle (10%): 158°
Cutoff Angle (3%): 167.6°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.02 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

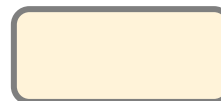
Overall Measurement



Tested Color (CIE 1931):

X: 0.358

Y: 0.349



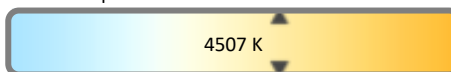
Light Quality

CRI: 80.5



Color Temperature

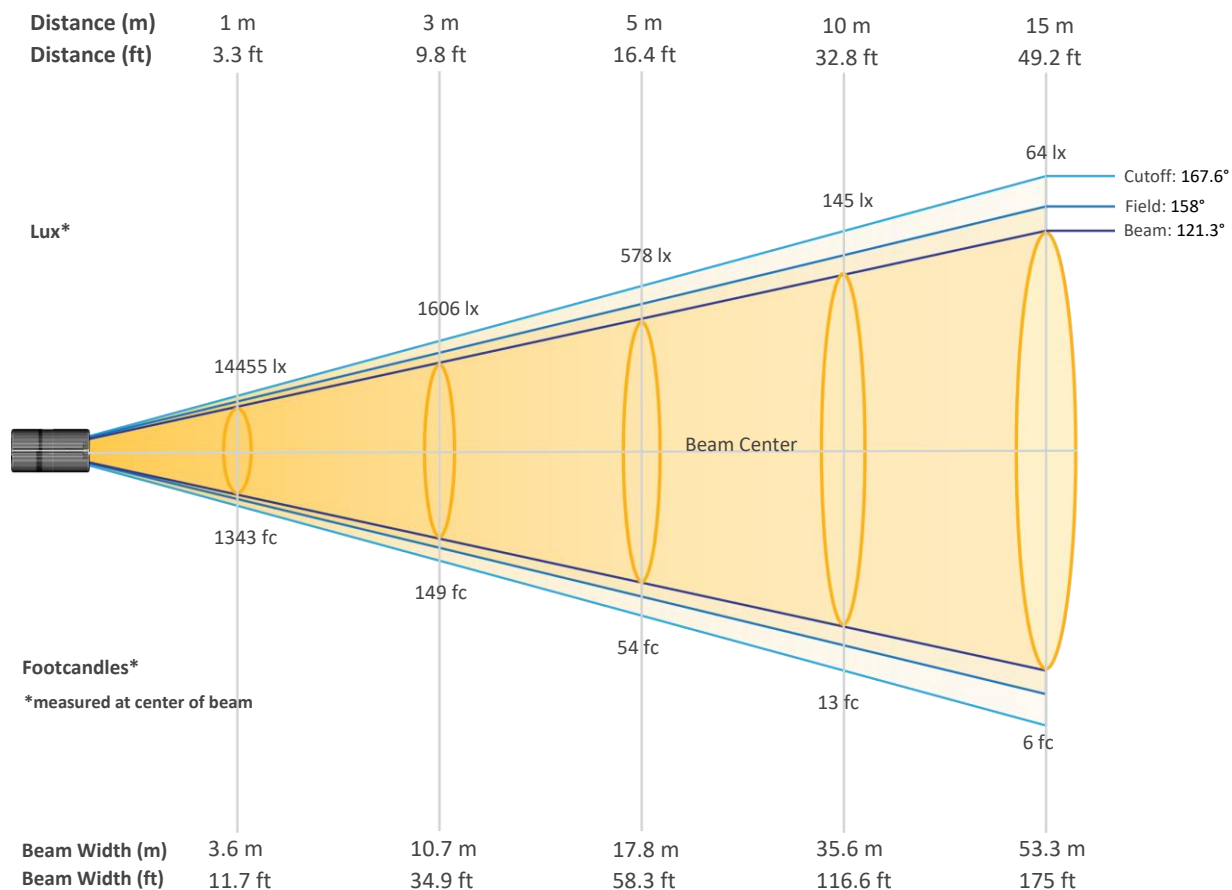
4507 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power-Cali On

Beam Details

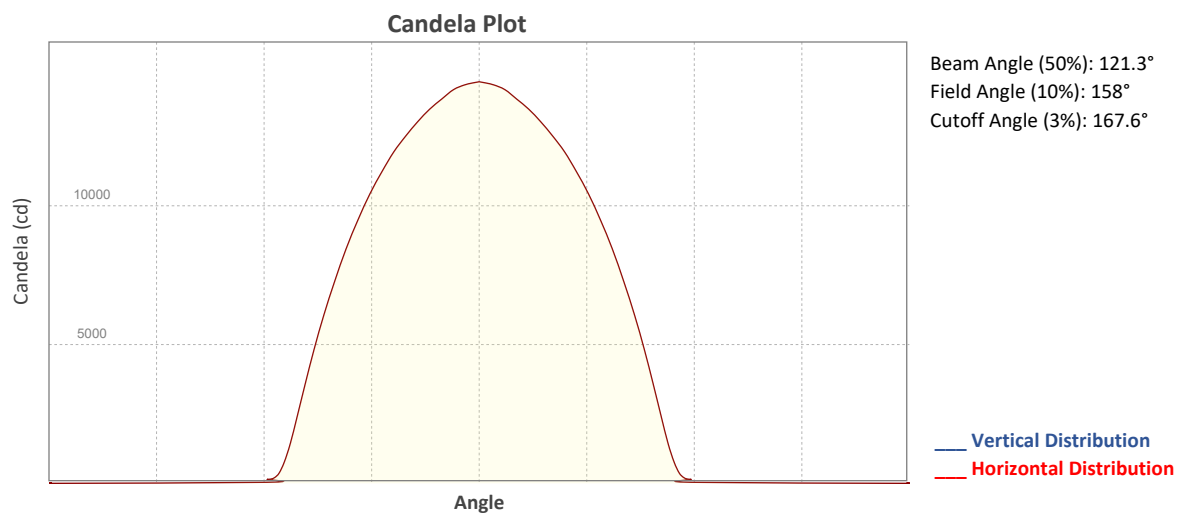


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14455	3614	1606	903	578	402	295	226	178	145
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	119	100	86	74	64	56	50	45	40	36
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1343	336	149	84	54	37	27	21	17	13
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	11	9	8	7	6	5	5	4	4	3

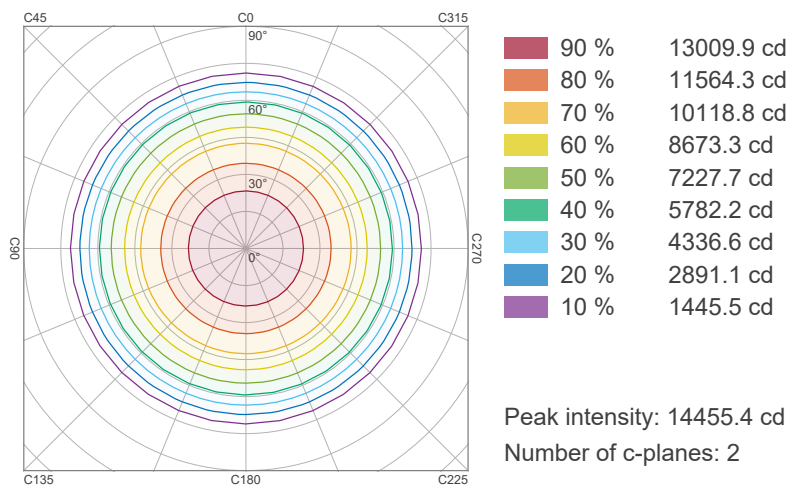
Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power-Cali On

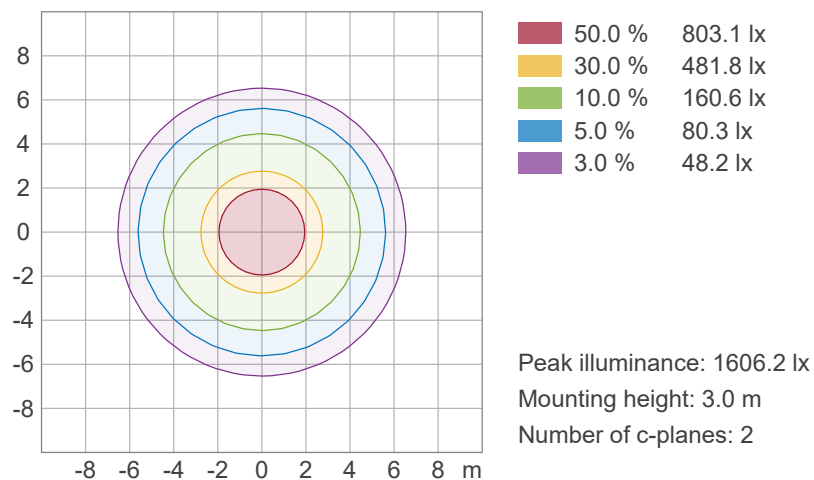


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

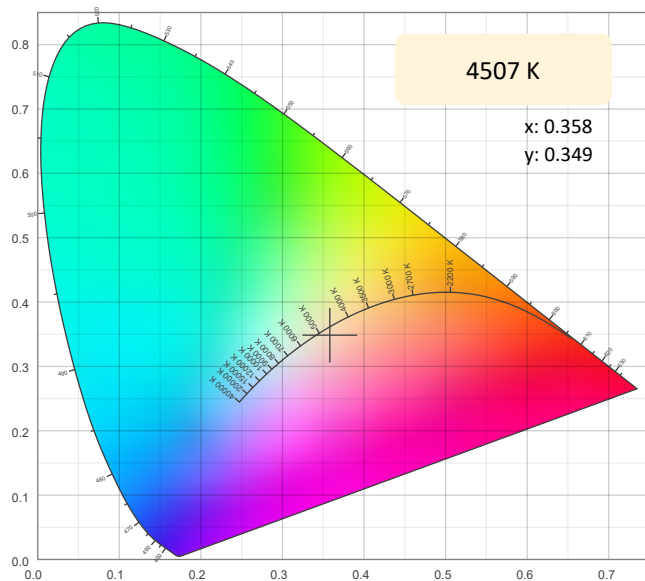


Photometric & Chromaticity Report

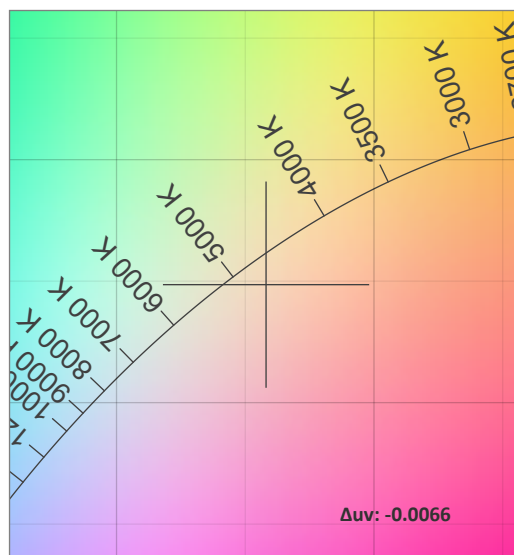
COLORado PXL Curve 5: Beam - Full Power-Cali On

Chromaticity

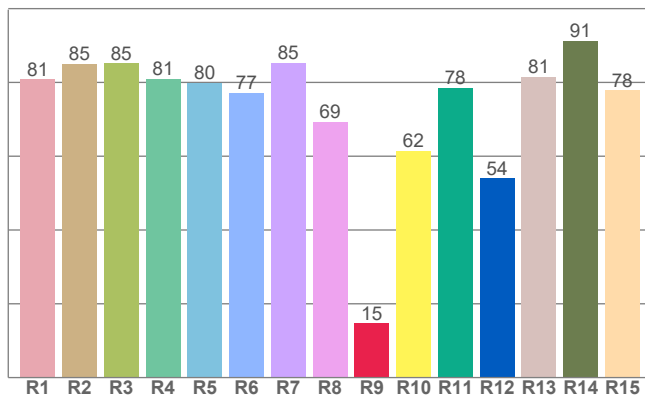
CIE 1931



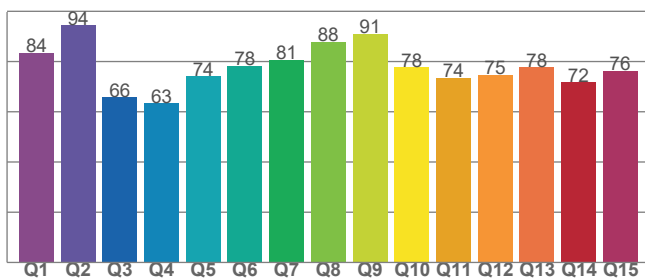
CIE 1931 - Zoom



CRI: 80.5 (R1-R8)



CQS: 76.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4507 K	0.358	0.349

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0066	0.349	0.221

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.5	14.7	76.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
61	78.0	99.2

Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Full Power-Cali On

TM-30 Details

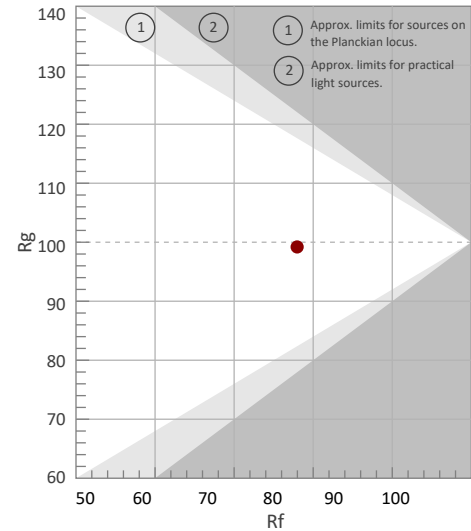
Rf 78.0

Fidelity Index
(Rg)

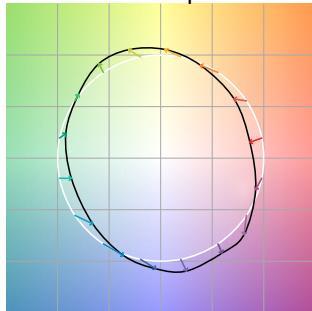
Rg 99.2

Gammut Index (Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	78	-12%	-2%
2	81	-9%	8%
3	66	-4%	18%
4	74	4%	16%
5	81	9%	10%
6	86	9%	-1%
7	89	1%	-7%
8	87	-5%	-6%
9	84	-11%	2%
10	68	-10%	16%
11	65	-2%	23%
12	70	6%	16%
13	84	12%	3%
14	83	10%	-2%
15	79	8%	-17%
16	79	-4%	-12%



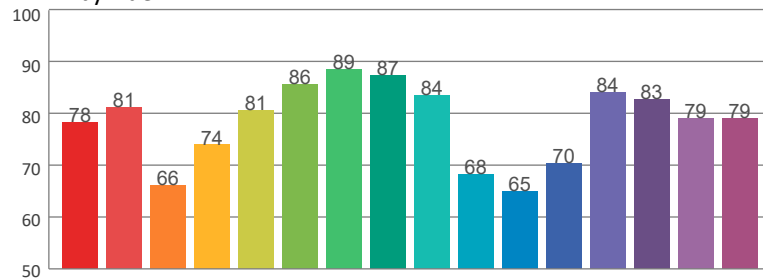
Color Vector Graphic



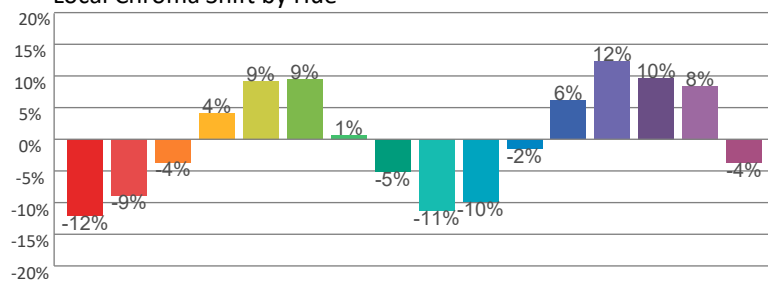
Color Distortion Graphic



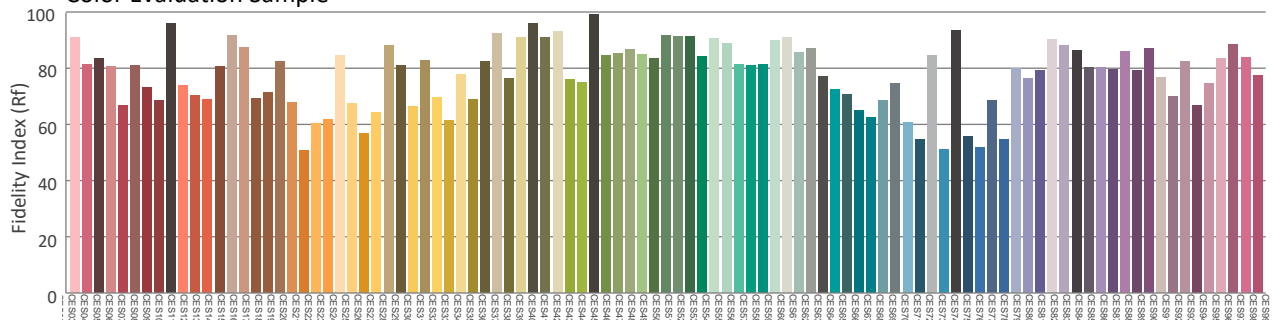
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Cool White

Report Summary

Measurements

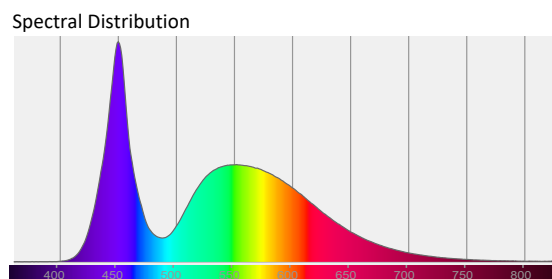
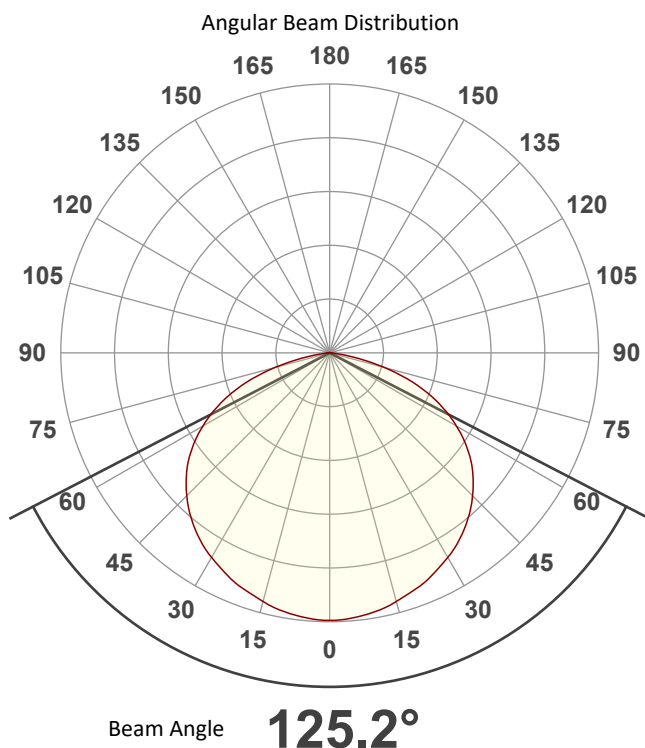
Fixture Output: 42916 lm
Fixture Peak: 13512 cd
Fixture Efficacy: -541089178 lm/W
Intensity @ 5m: 540 lux
Color Temperature: 7209 K
CRI: 74.3 CRI R9 Value: -11.0
CQS: 69.8
TLCI: 51
TM-30 Rf: 72.9
TM-30 Rg: 94.4
Beam Angle (50%): 125.2°
Field Angle (10%): 158.9°
Cutoff Angle (3%): 168.2°

Conditions

AC Supply: 115 V, 60 Hz
Power: 0.03 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

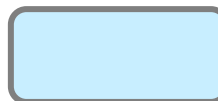
Overall Measurement



Tested Color (CIE 1931):

X: 0.304

Y: 0.312



Light Quality

CRI: 74.3

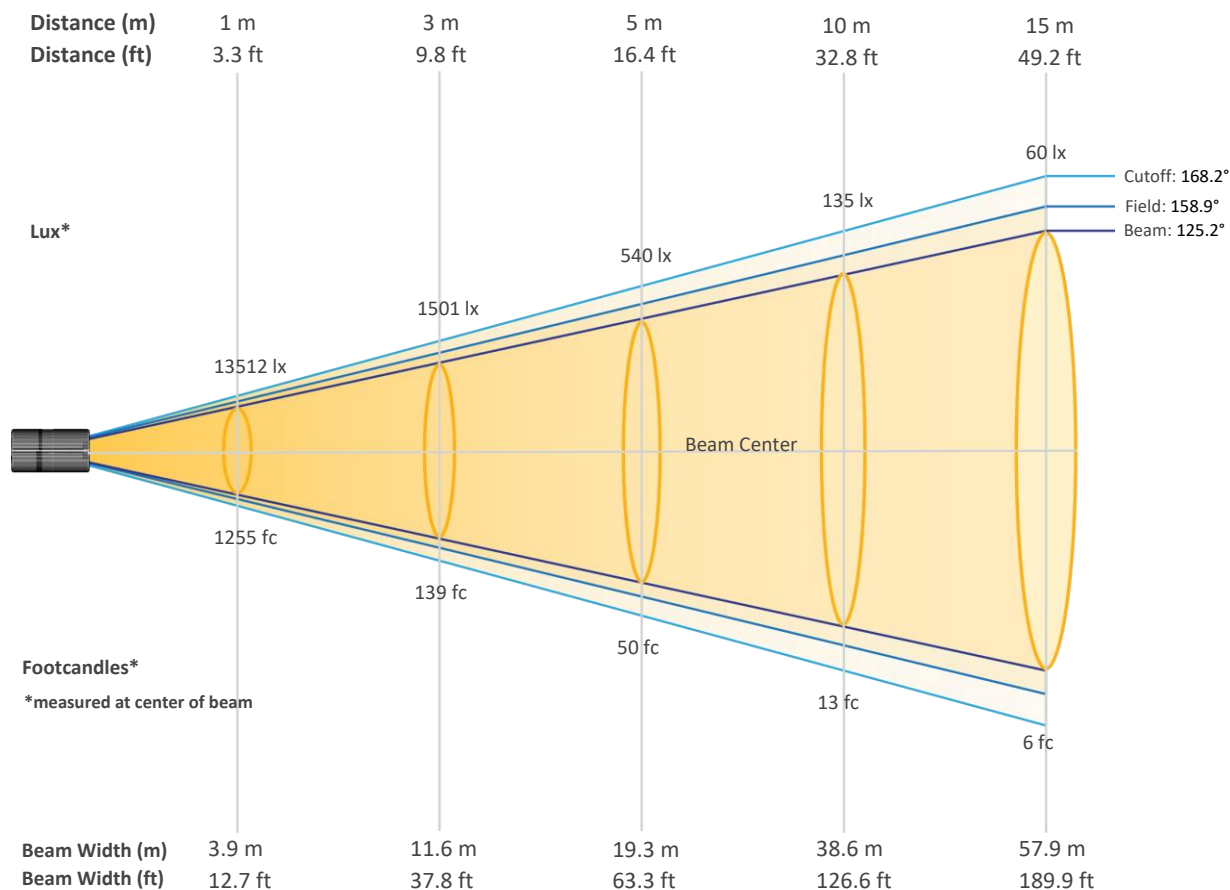
Color Temperature

7209 K

Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Cool White

Beam Details

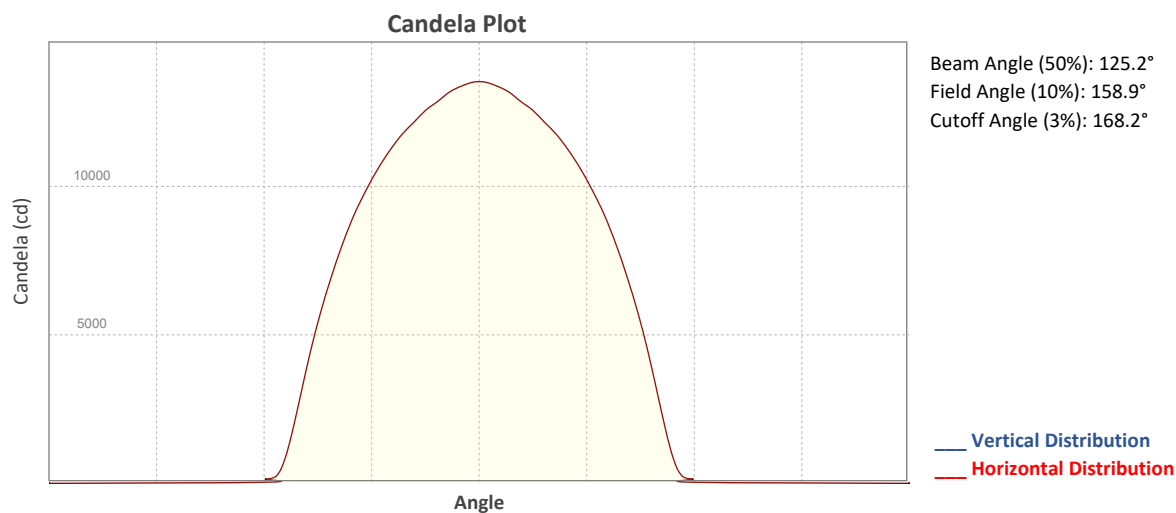


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13512	3378	1501	844	540	375	276	211	167	135
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	112	94	80	69	60	53	47	42	37	34
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1255	314	139	78	50	35	26	20	15	13
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	10	9	7	6	6	5	4	4	3	3

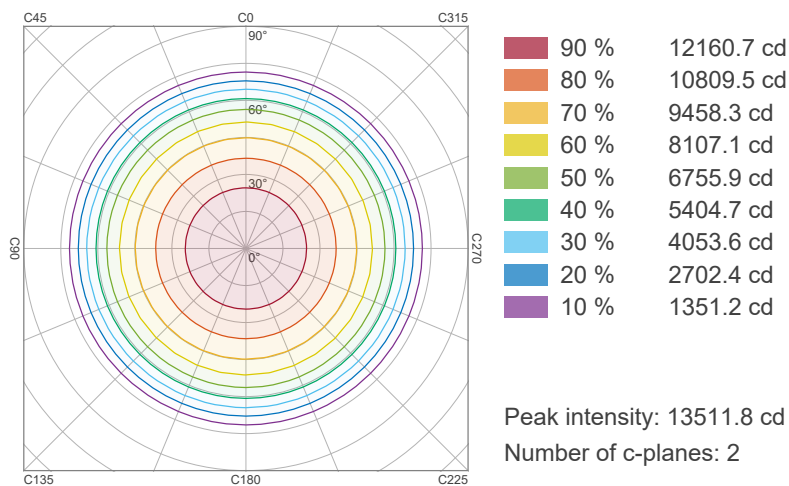
Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Cool White

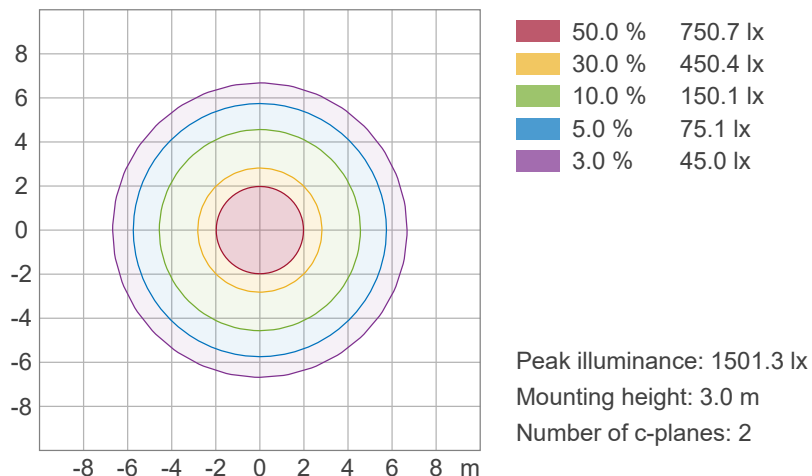


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

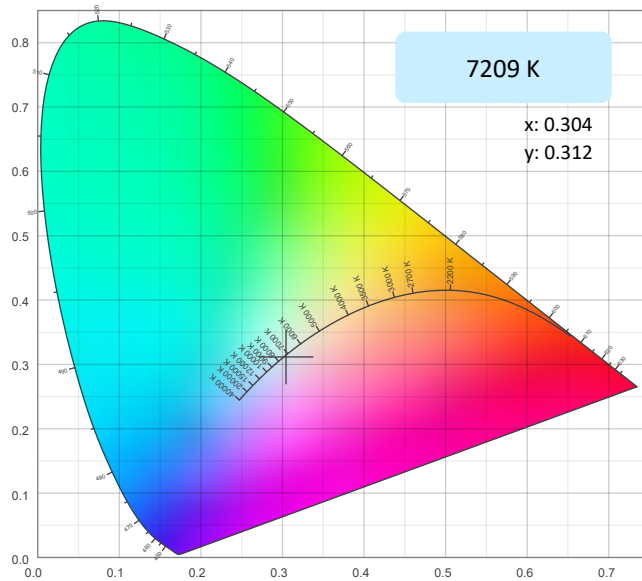


Photometric & Chromaticity Report

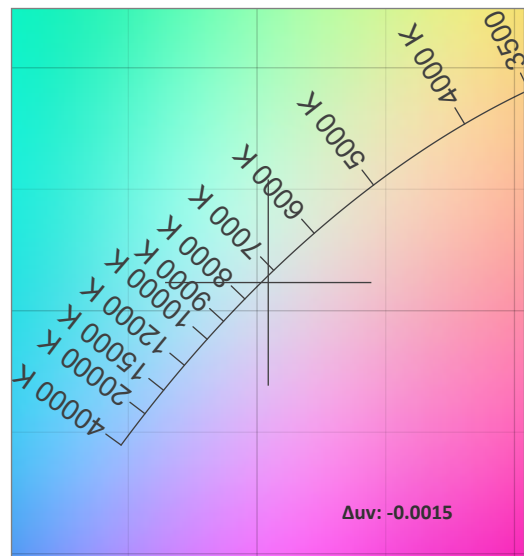
COLORado PXL Curve 5: Beam - Cool White

Chromaticity

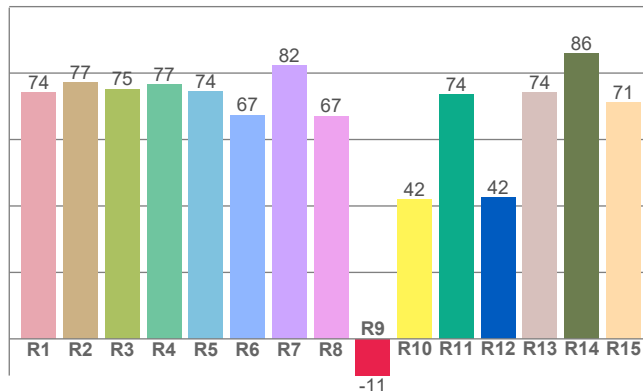
CIE 1931



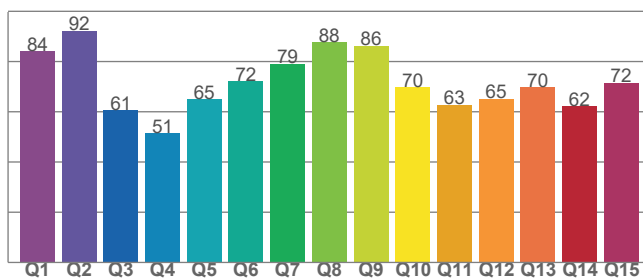
CIE 1931 - Zoom



CRI: 74.3 (R1-R8)



CQS: 69.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7209 K	0.304	0.312

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0015	0.312	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.3	-11.0	69.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
51	72.9	94.4

Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Cool White

TM-30 Details

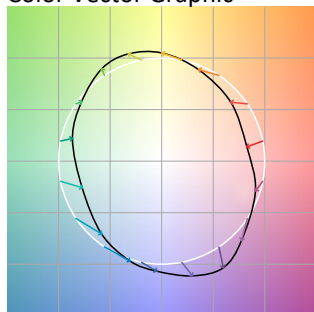
Rf 72.9

Fidelity Index
(Rg)

Rg 94.4

Gammut Index (Rg)

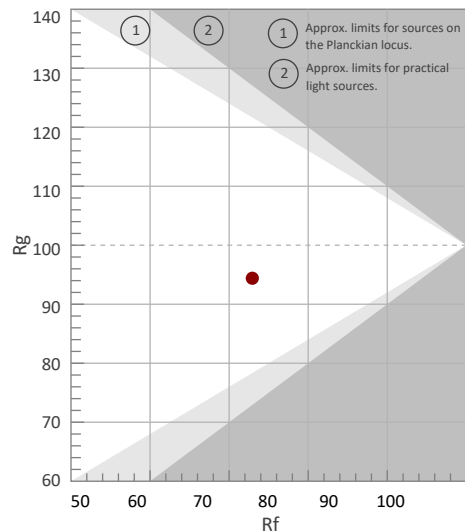
Color Vector Graphic



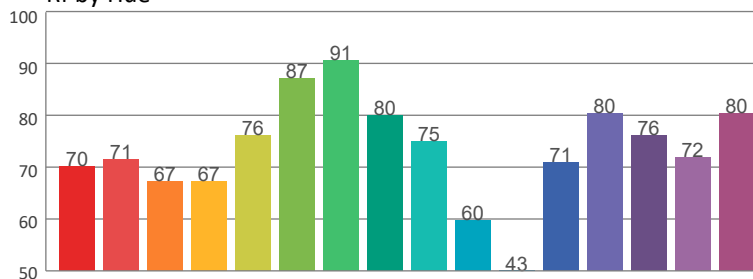
Color Distortion Graphic



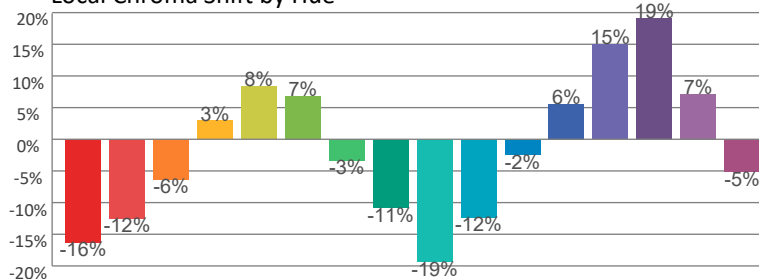
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	70	-16%	-3%
2	71	-12%	10%
3	67	-6%	20%
4	67	3%	20%
5	76	8%	11%
6	87	7%	-2%
7	91	-3%	-5%
8	80	-11%	-5%
9	75	-19%	10%
10	60	-12%	26%
11	43	-2%	28%
12	71	6%	16%
13	80	15%	8%
14	76	19%	-8%
15	72	7%	-21%
16	80	-5%	-11%



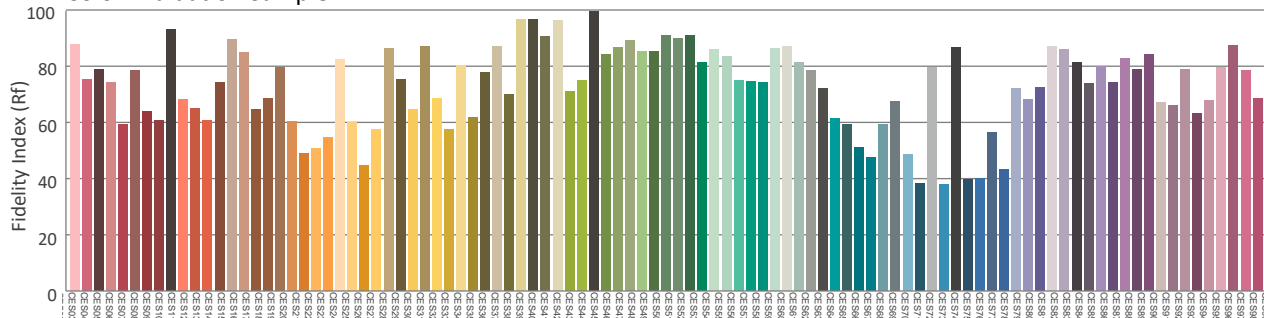
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Warm White

Report Summary

Measurements

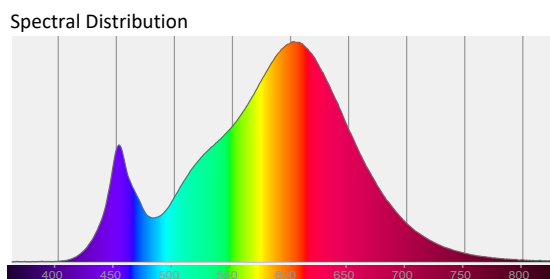
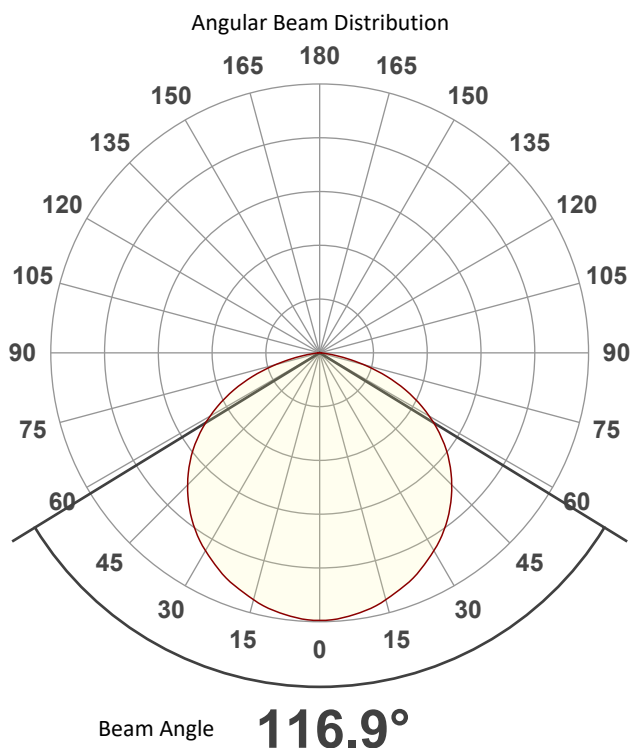
Fixture Output: 32345 lm
Fixture Peak: 11109 cd
Fixture Efficacy: -306699031 lm/W
Intensity @ 5m: 444 lux
Color Temperature: 3008 K
CRI: 82.8 CRI R9 Value: 10.7
CQS: 81.4
TLCI: 69
TM-30 Rf: 84.5
TM-30 Rg: 96.6
Beam Angle (50%): 116.9°
Field Angle (10%): 157°
Cutoff Angle (3%): 167.3°

Conditions

AC Supply: 116 V, 60 Hz
Power: 0.04 W
Current: 0.000 A
Power Factor: 0.0

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 3/20/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

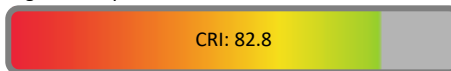
X: 0.434

Y: 0.399



Light Quality

CRI: 82.8



Color Temperature

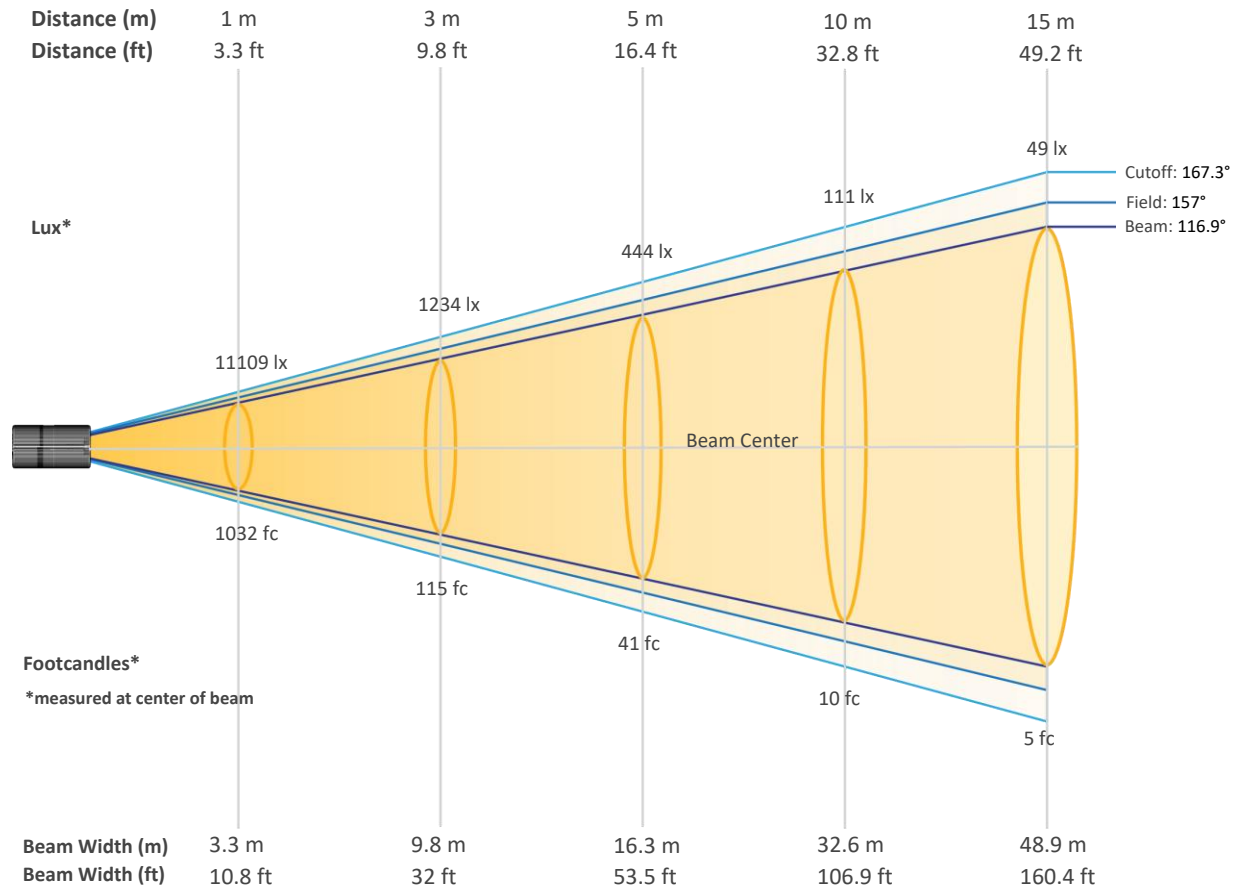
3008 K



Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Warm White

Beam Details

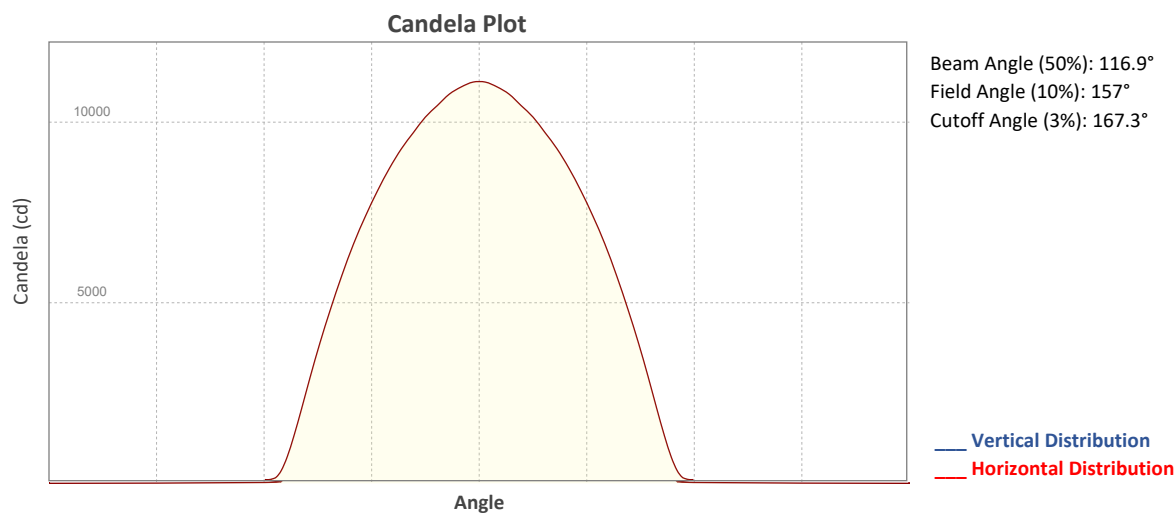


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11109	2777	1234	694	444	309	227	174	137	111
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	92	77	66	57	49	43	38	34	31	28
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1032	258	115	65	41	29	21	16	13	10
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	9	7	6	5	5	4	4	3	3	3

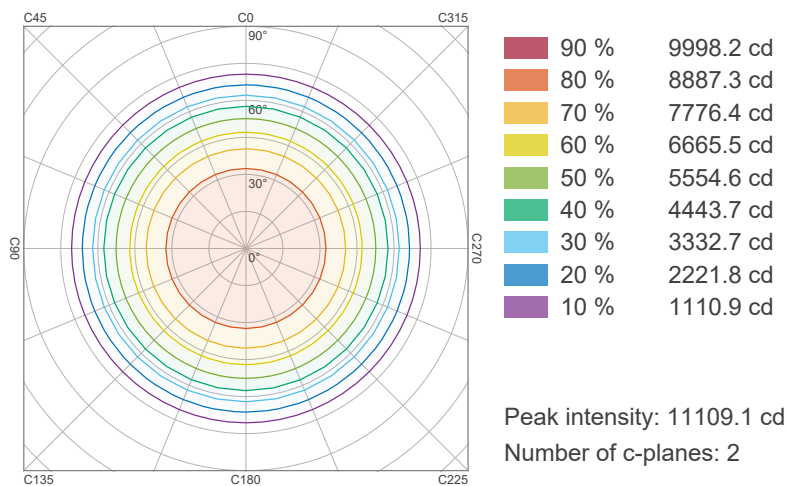
Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Warm White

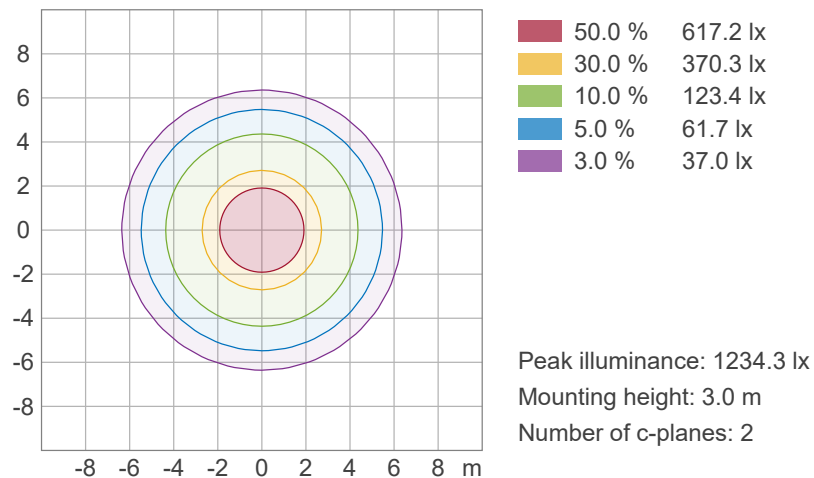


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

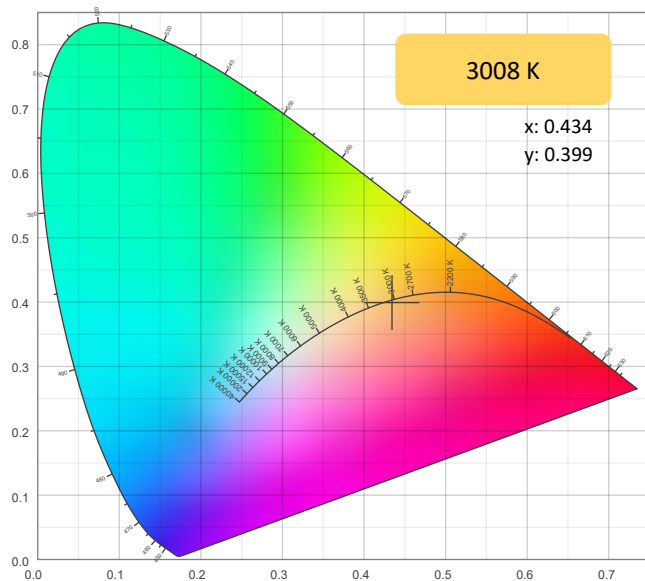


Photometric & Chromaticity Report

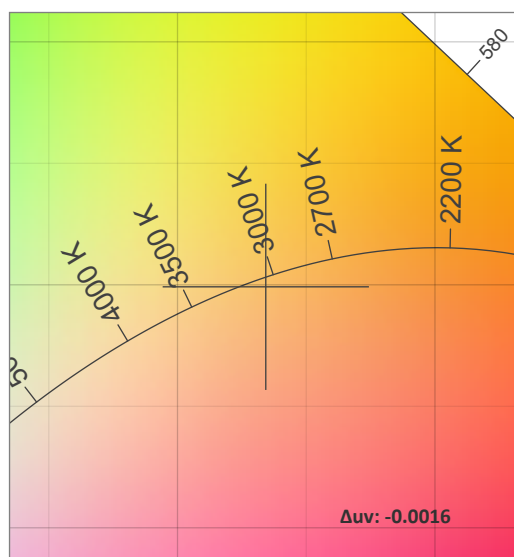
COLORado PXL Curve 5: Beam - Warm White

Chromaticity

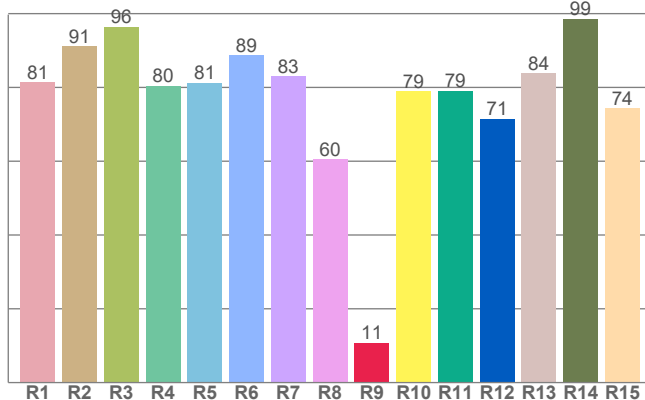
CIE 1931



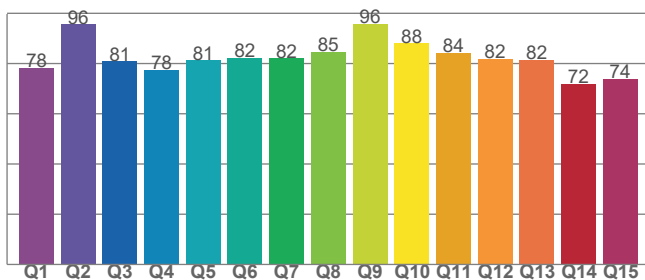
CIE 1931 - Zoom



CRI: 82.8 (R1-R8)



CQS: 81.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3008 K	0.434	0.399

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0016	0.399	0.251

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
82.8	10.7	81.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
69	84.5	96.6

Photometric & Chromaticity Report

COLORado PXL Curve 5: Beam - Warm White

TM-30 Details

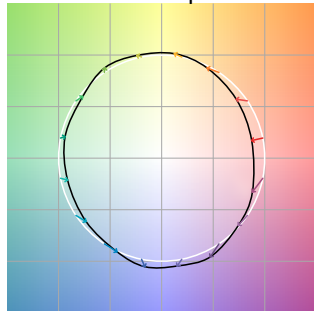
Rf 84.5

Fidelity Index
(Rg)

Rg 96.6

Gammut Index (Rg)

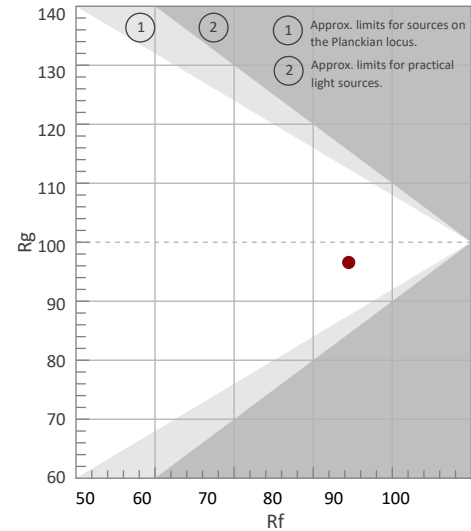
Color Vector Graphic



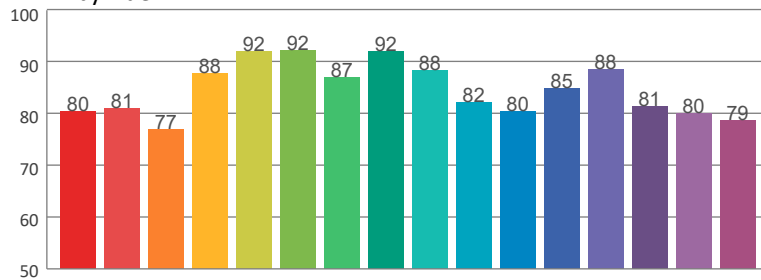
Color Distortion Graphic



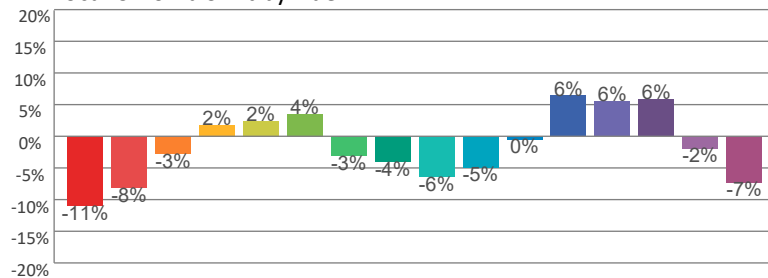
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	80	-11%	0%
2	81	-8%	7%
3	77	-3%	12%
4	88	2%	8%
5	92	2%	4%
6	92	4%	-3%
7	87	-3%	-7%
8	92	-4%	-2%
9	88	-6%	3%
10	82	-5%	10%
11	80	0%	14%
12	85	6%	5%
13	88	6%	-6%
14	81	6%	-14%
15	80	-2%	-13%
16	79	-7%	-15%



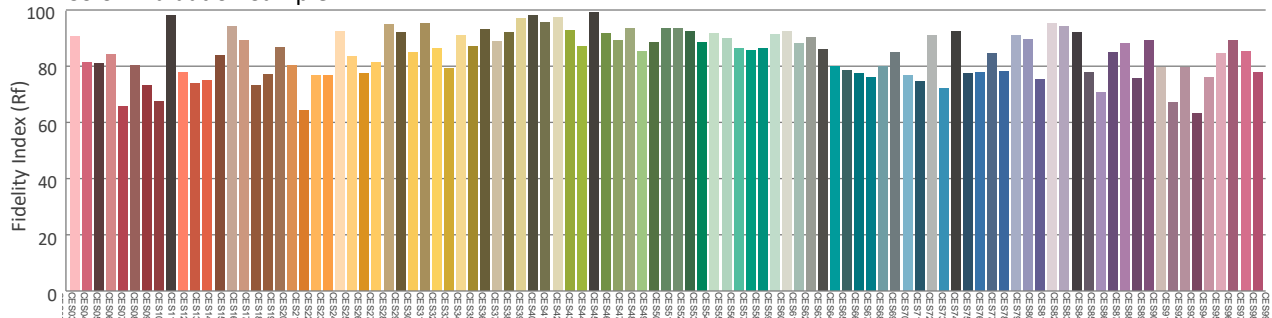
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

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

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.

