PHOTOMETRICS REPORT

COLORADO PXL BAR 8

CHAUVET PROFESSIONAL

Table of Contents

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 Sunrise, 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.

Photometric Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

Report Summary

Output

Total Lumens: 3296 lm
Peak Intensity: 13164 cd
Illuminance @ 5m: 526 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 31°
Vertical Beam Angle (50%): 30.2°
Horizontal Field Angle (10%): 42.5°
Vertical Field Angle (10%): 42.3°
Horizontal Cutoff Angle (3%): 45.1°
Vertical Cutoff Angle (3%): 47.4°

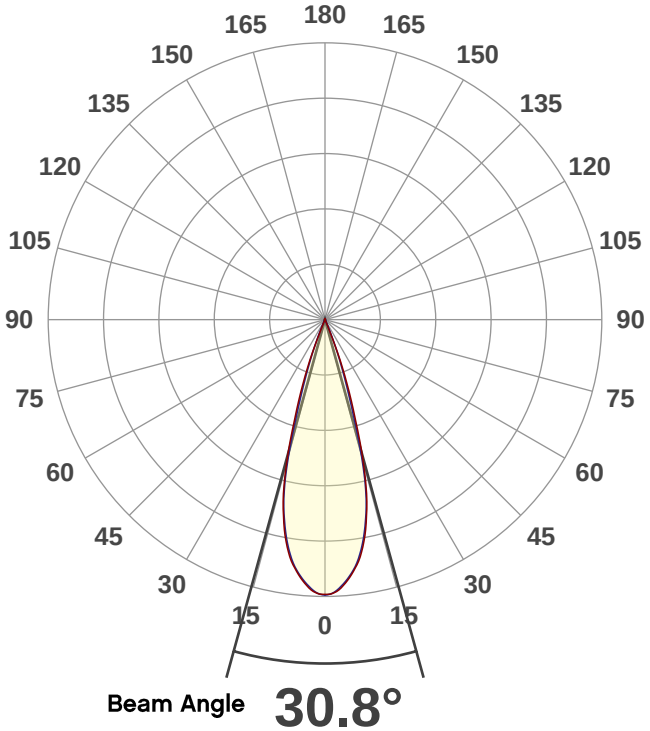
Conditions

AC Supply: 119 V, 60 Hz
Power: 361.56 W
Current: 3.03 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

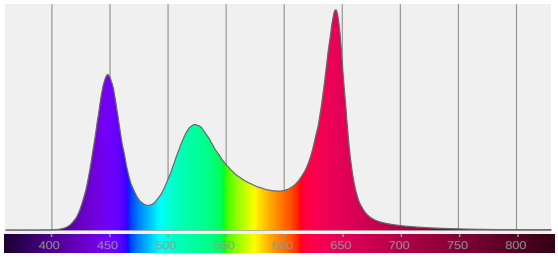
Overall Measurement

Angular Beam Distribution

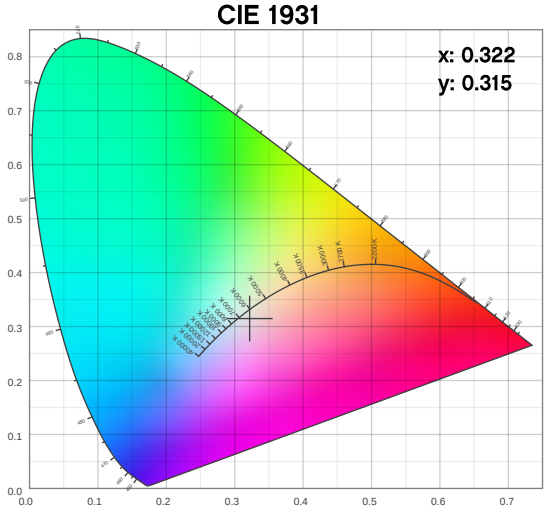


Beam Angle 30.8°

Spectral Distribution



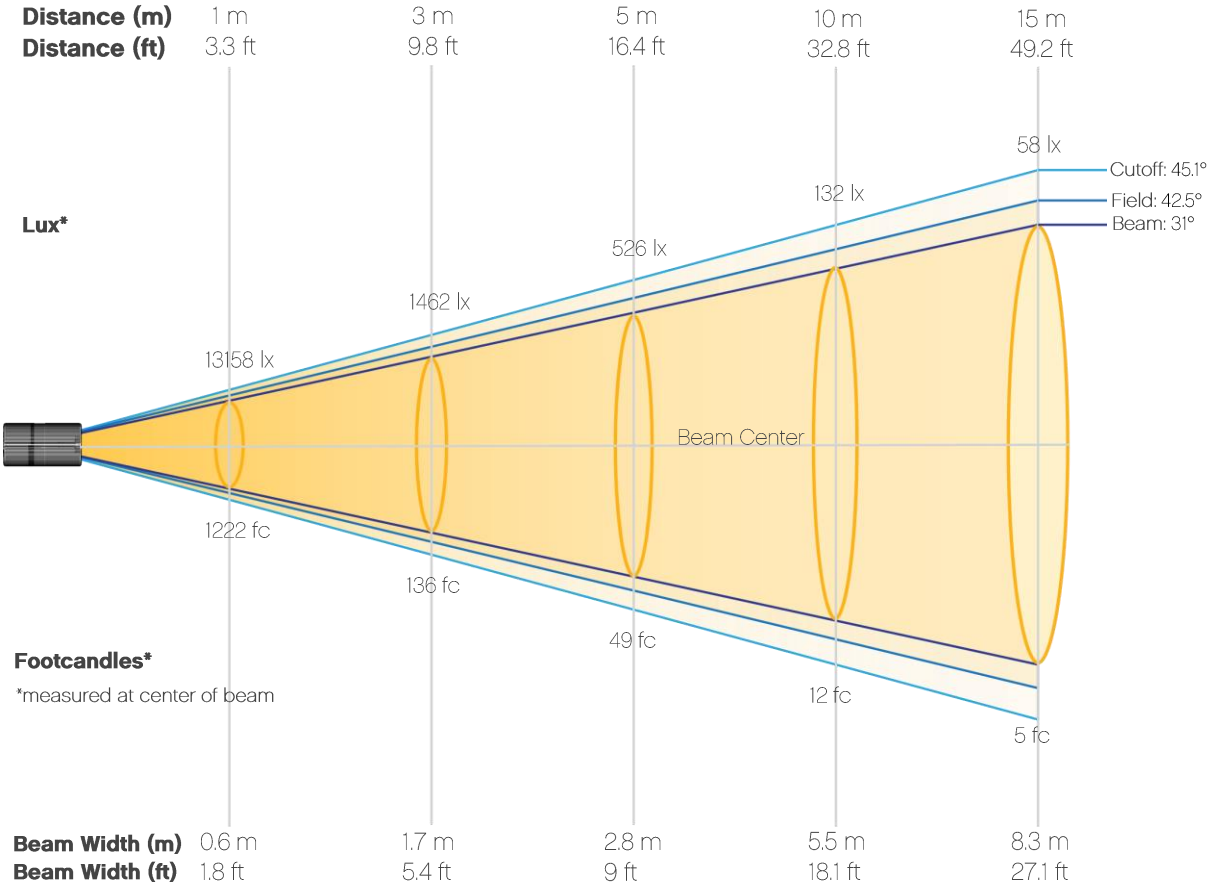
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13158	3290	1462	822	526	366	269	206	162	132
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	109	91	78	67	58	51	46	41	36	33
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1222	306	136	76	49	34	25	19	15	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	8	7	6	5	5	4	4	3	3

Photometric Report

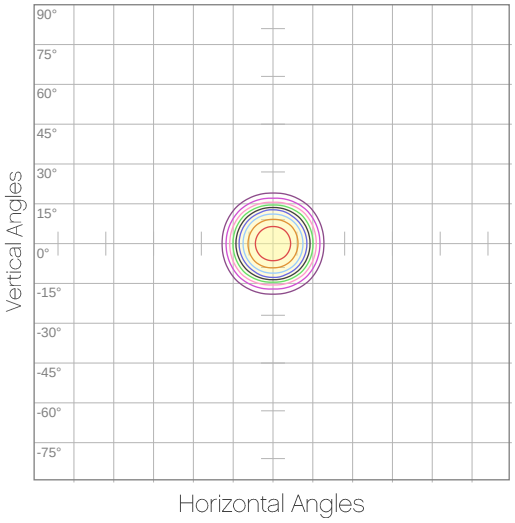
COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

Candela Plot

Beam Angle (50%): 30.8°
Field Angle (10%): 43°
Cutoff Angle (3%): 47.8°

Horizontal Distribution
Vertical Distribution

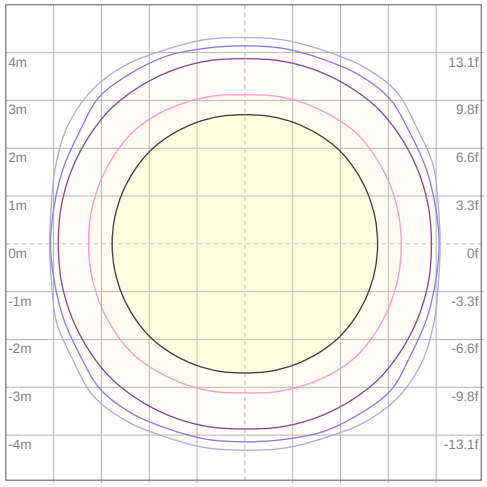
Polar Diagrams



iso-candela Diagram

10%	1316 cd
20%	2632 cd
30%	3947 cd
40%	5263 cd
50%	6579 cd
60%	7895 cd
70%	9211 cd
80%	10526 cd
90%	11842 cd

Conditions:
Number of c-planes: 8
Candela at center: 13158 cd



iso-illuminance Diagram

3%	3.95 lx
5%	6.58 lx
10%	13.2 lx
30%	39.5 lx
50%	65.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 132 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 3503 lm
Peak Intensity: 14096 cd
Illuminance @ 5m: 563 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 30.8°
Vertical Beam Angle (50%): 30.2°
Horizontal Field Angle (10%): 42.7°
Vertical Field Angle (10%): 42.3°
Horizontal Cutoff Angle (3%): 45.2°
Vertical Cutoff Angle (3%): 47.3°

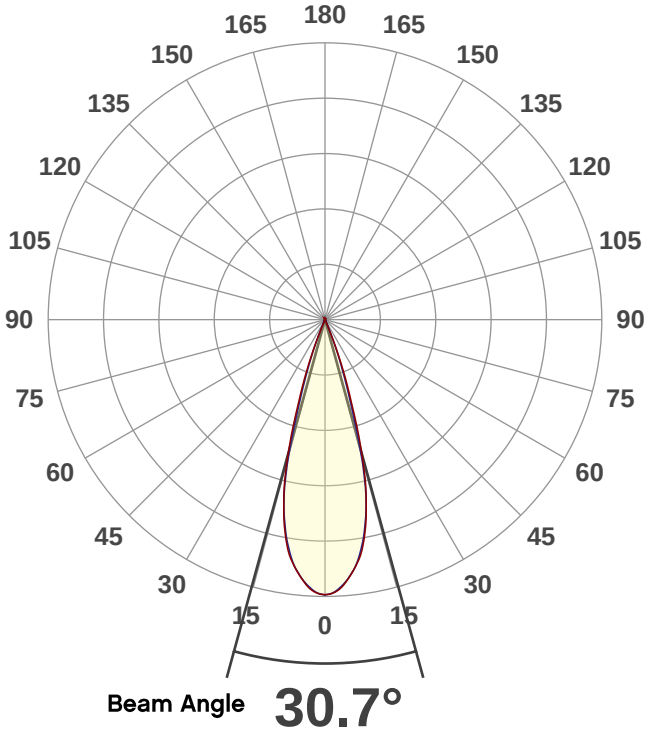
Conditions

AC Supply: 118 V, 60 Hz
Power: 438.58 W
Current: 3.71 A
Power Factor: 1.0

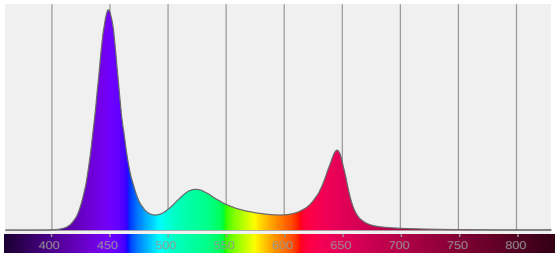
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

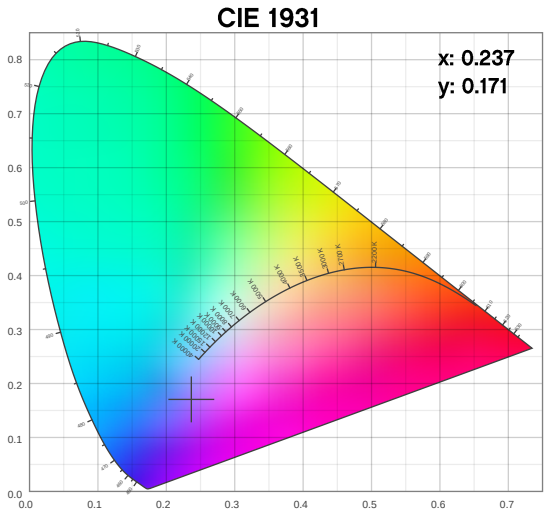
Angular Beam Distribution



Spectral Distribution



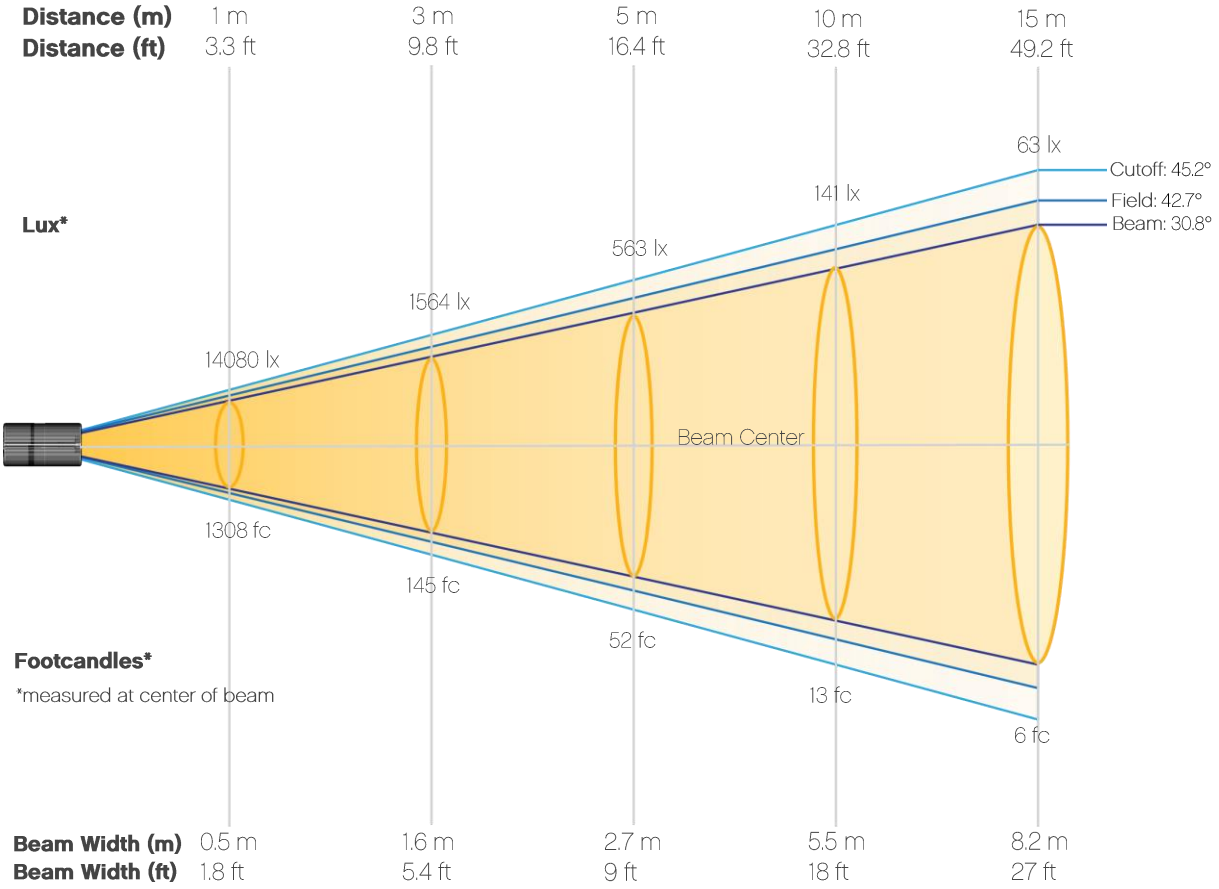
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14080	3520	1564	880	563	391	287	220	174	141
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	116	98	83	72	63	55	49	43	39	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1308	327	145	82	52	36	27	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	5	4	4	3

Photometric Report

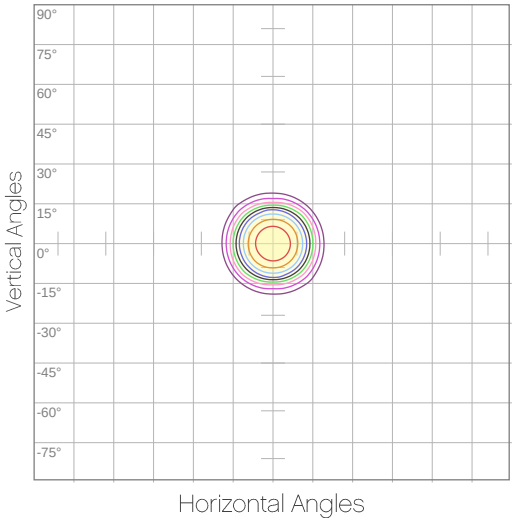
COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

Candela Plot

Beam Angle (50%): 30.7°
Field Angle (10%): 43°
Cutoff Angle (3%): 47.7°

Horizontal Distribution
Vertical Distribution

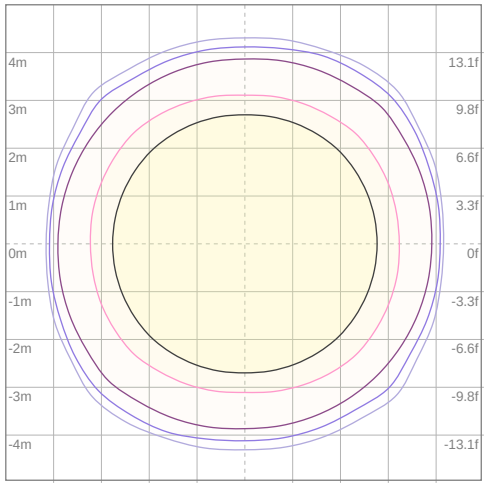
Polar Diagrams



iso-candela Diagram

	10%	1408 cd
	20%	2816 cd
	30%	4224 cd
	40%	5632 cd
	50%	7040 cd
	60%	8448 cd
	70%	9856 cd
	80%	11264 cd
	90%	12672 cd

Conditions:
Number of c-planes: 8
Candela at center: 14080 cd



iso-illuminance Diagram

	3%	4.22 lx
	5%	7.04 lx
	10%	14.1 lx
	30%	42.2 lx
	50%	70.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 141 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

Report Summary

Output

Total Lumens: 447 lm
Peak Intensity: 1779 cd
Illuminance @ 5m: 71 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 30.6°
Vertical Beam Angle (50%): 30.5°
Horizontal Field Angle (10%): 43.5°
Vertical Field Angle (10%): 43.9°
Horizontal Cutoff Angle (3%): 46.8°
Vertical Cutoff Angle (3%): 48.7°

Conditions

AC Supply: 120 V, 60 Hz
Power: 83.38 W
Current: 0.692 A
Power Factor: 0.98

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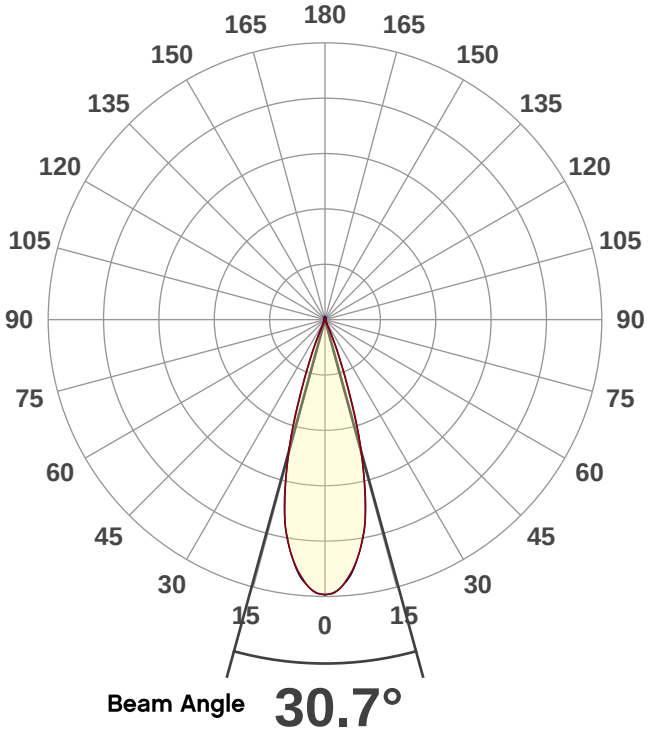
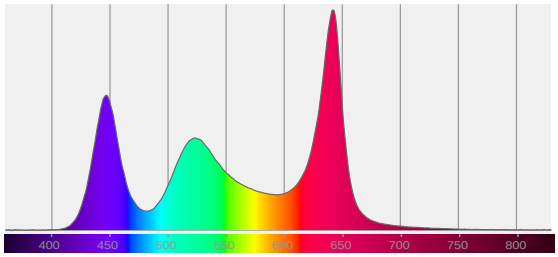
Overall Measurement

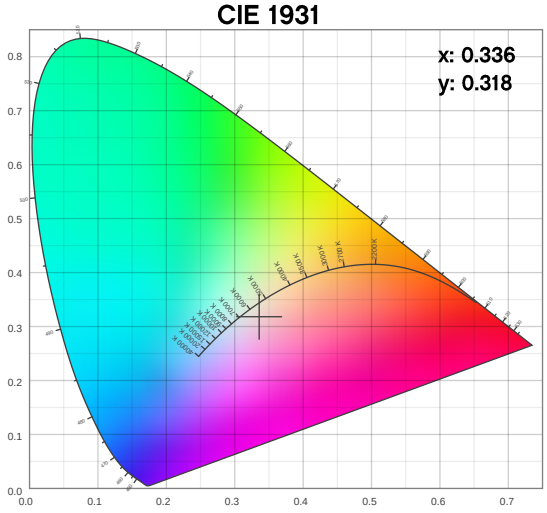
Angular Beam Distribution



Spectral Distribution



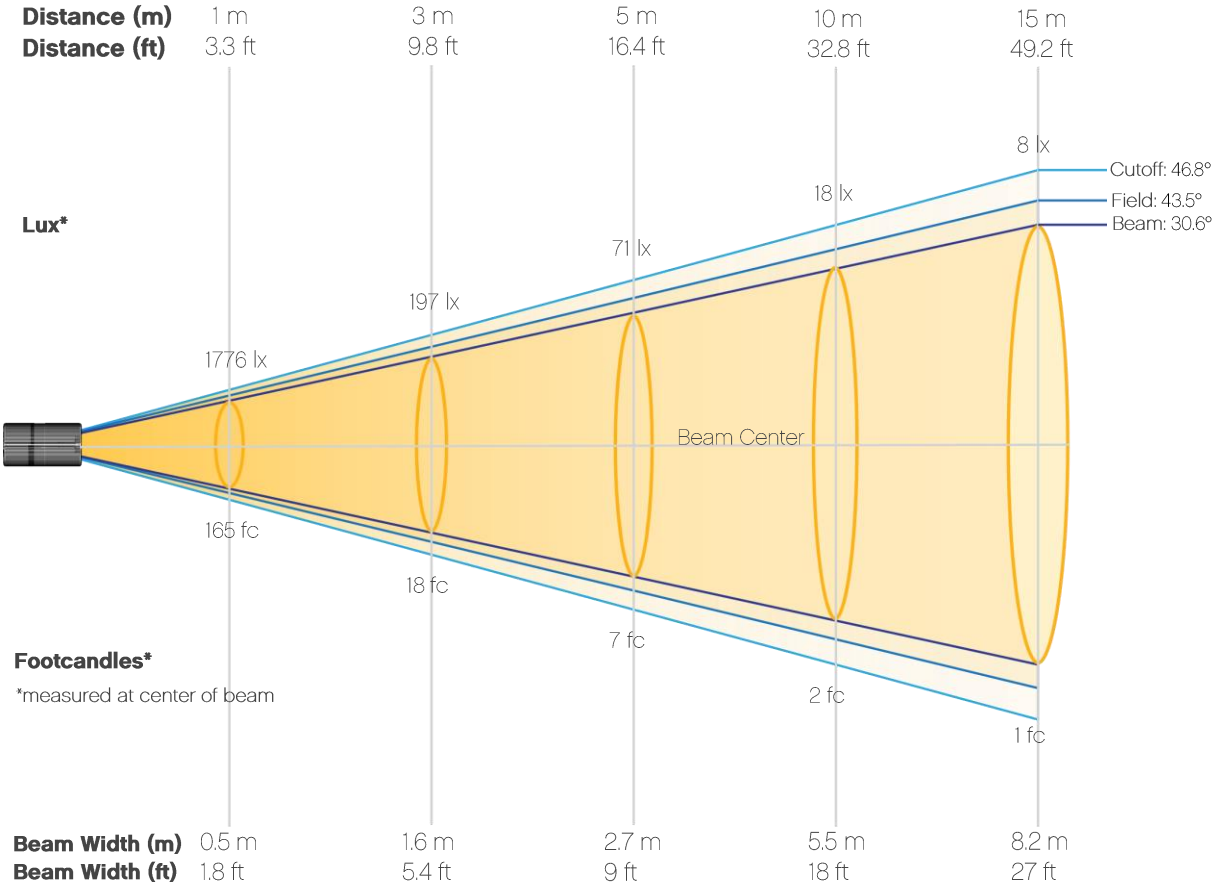
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1776	444	197	111	71	49	36	28	22	18
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	15	12	11	9	8	7	6	5	5	4
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	165	41	18	10	7	5	3	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	1	0	0

Photometric Report

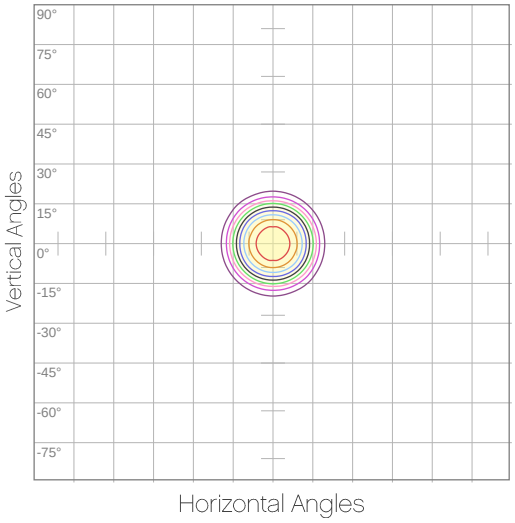
COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

Candela Plot

Beam Angle (50%): 30.7°
Field Angle (10%): 43.8°
Cutoff Angle (3%): 48.7°

Horizontal Distribution
Vertical Distribution

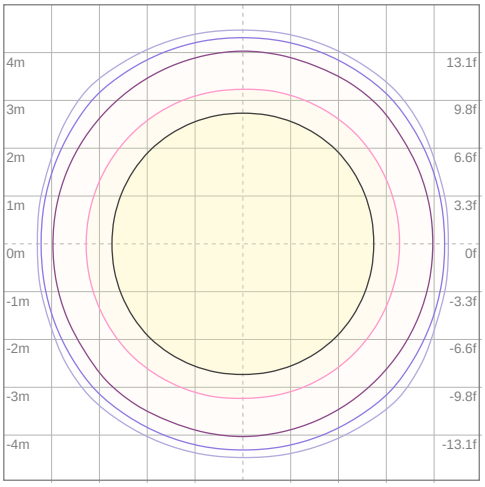
Polar Diagrams



iso-candela Diagram

10%	178 cd
20%	355 cd
30%	533 cd
40%	710 cd
50%	888 cd
60%	1065 cd
70%	1243 cd
80%	1421 cd
90%	1598 cd

Conditions:
Number of c-planes: 8
Candela at center: 1776 cd



iso-illuminance Diagram

3%	0.533 lx
5%	0.888 lx
10%	1.78 lx
30%	5.33 lx
50%	8.88 lx

Conditions:
Number of c-planes: 8
Lux at center: 17.8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

Report Summary

Output

Total Lumens: 464 lm
Peak Intensity: 1945 cd
Illuminance @ 5m: 78 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 29.9°
Vertical Beam Angle (50%): 28.6°
Horizontal Field Angle (10%): 42.3°
Vertical Field Angle (10%): 42°
Horizontal Cutoff Angle (3%): 45.5°
Vertical Cutoff Angle (3%): 46.8°

Conditions

AC Supply: 121 V, 60 Hz
Power: 92.91 W
Current: 0.768 A
Power Factor: 0.99

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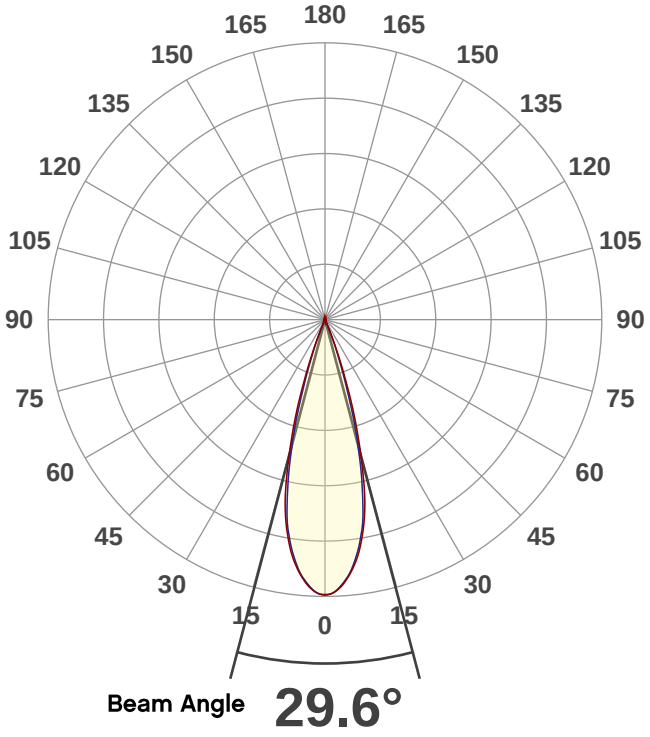
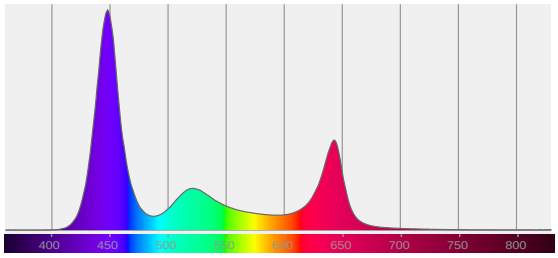
Overall Measurement

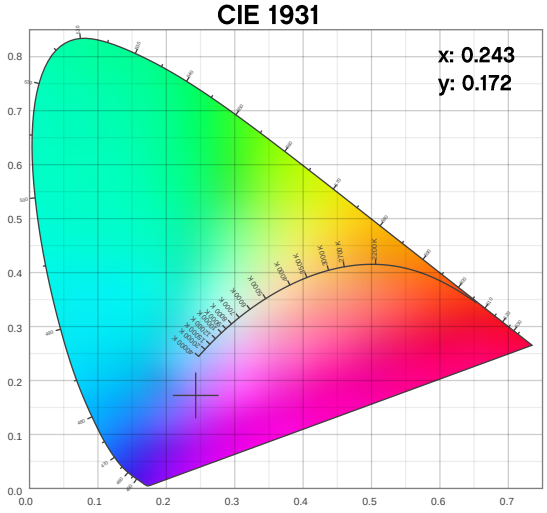
Angular Beam Distribution



Spectral Distribution



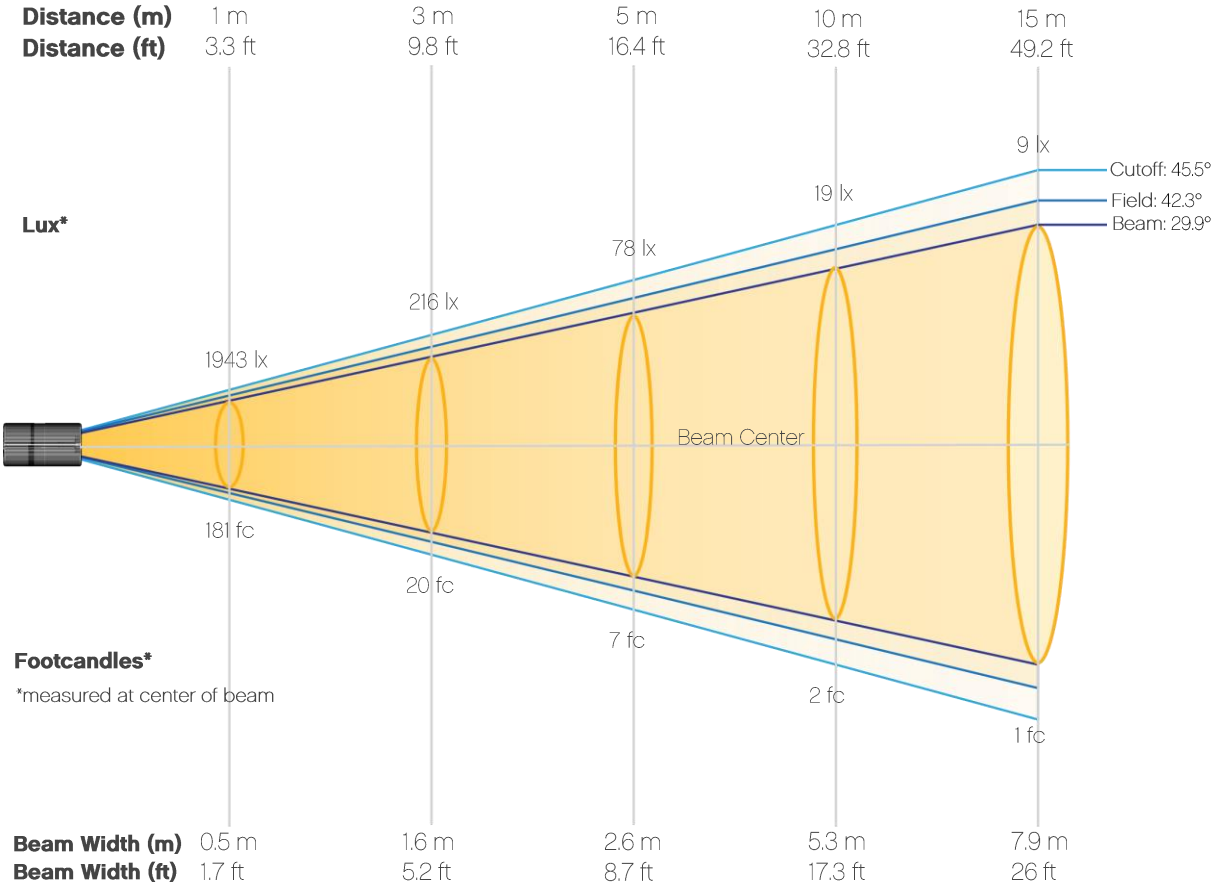
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

Beam Details



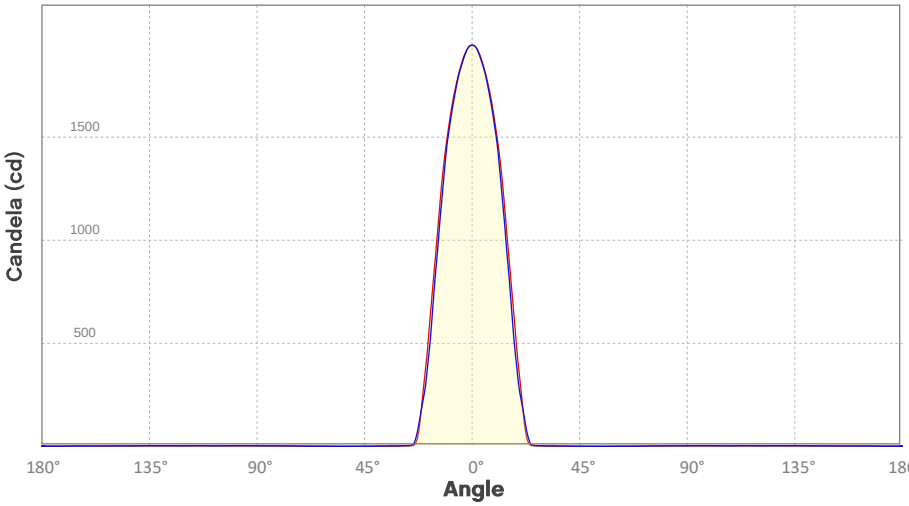
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1943	486	216	121	78	54	40	30	24	19
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	16	13	11	10	9	8	7	6	5	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	181	45	20	11	7	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	1	1	0

Photometric Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

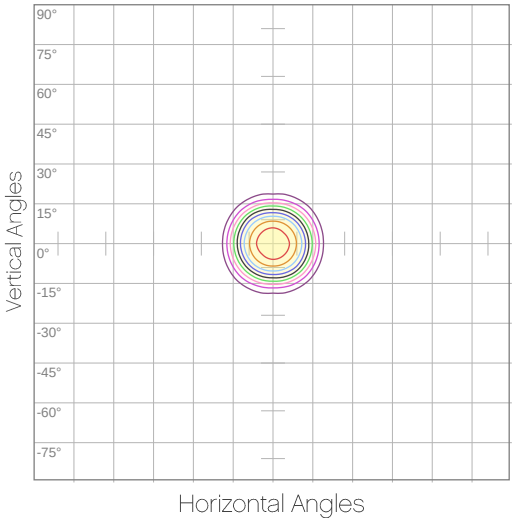
Candela Plot



Beam Angle (50%): 29.6°
Field Angle (10%): 42.7°
Cutoff Angle (3%): 47.8°

Horizontal Distribution
Vertical Distribution

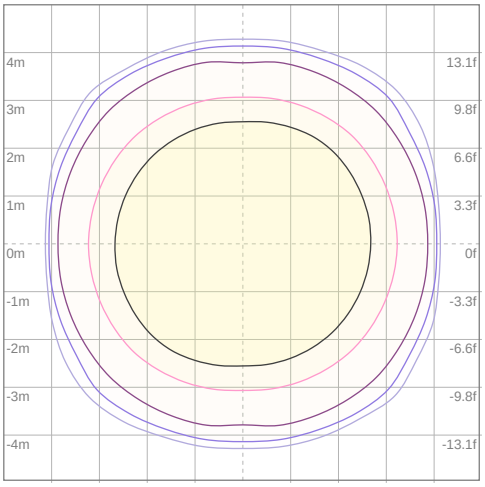
Polar Diagrams



iso-candela Diagram

10%	194 cd
20%	389 cd
30%	583 cd
40%	777 cd
50%	972 cd
60%	1166 cd
70%	1360 cd
80%	1554 cd
90%	1749 cd

Conditions:
Number of c-planes: 8
Candela at center: 1943 cd



iso-illuminance Diagram

3%	0.583 lx
5%	0.972 lx
10%	1.94 lx
30%	5.83 lx
50%	9.72 lx

Conditions:
Number of c-planes: 8
Lux at center: 19.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration On

Report Summary

Output

Total Lumens: 1709 lm
Peak Intensity: 279620 cd
Illuminance @ 5m: 11171 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 3.5°
Vertical Beam Angle (50%): 3.2°
Horizontal Field Angle (10%): 5.2°
Vertical Field Angle (10%): 5.9°
Horizontal Cutoff Angle (3%): 6.1°
Vertical Cutoff Angle (3%): 8.6°

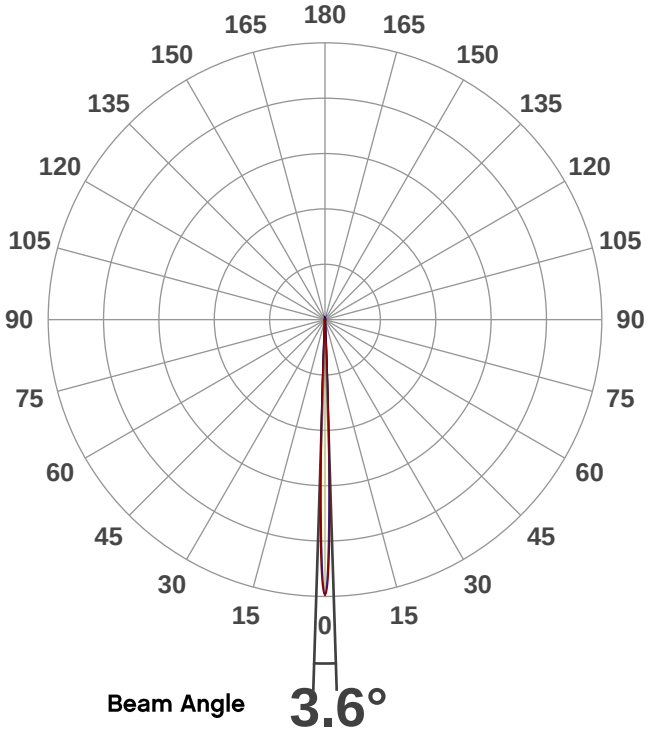
Conditions

AC Supply: 118 V, 60 Hz
Power: 362.46 W
Current: 3.07 A
Power Factor: 0.99

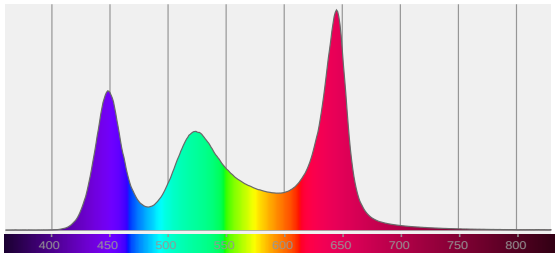
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

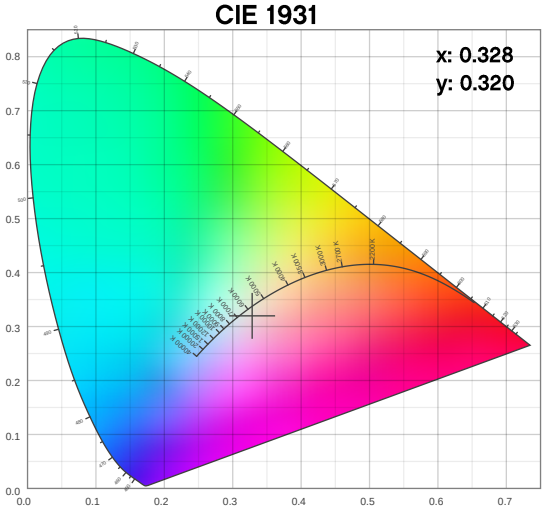
Angular Beam Distribution



Spectral Distribution



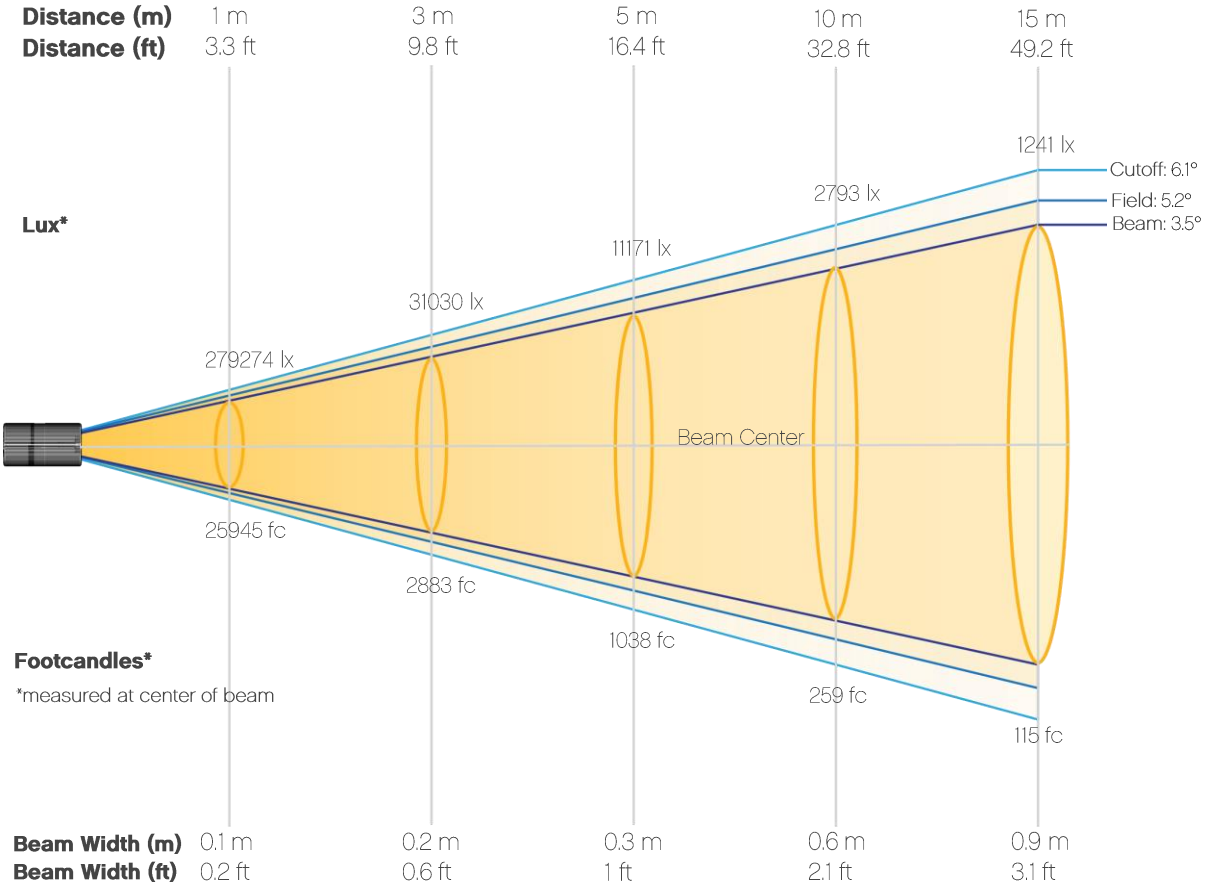
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration On

Beam Details



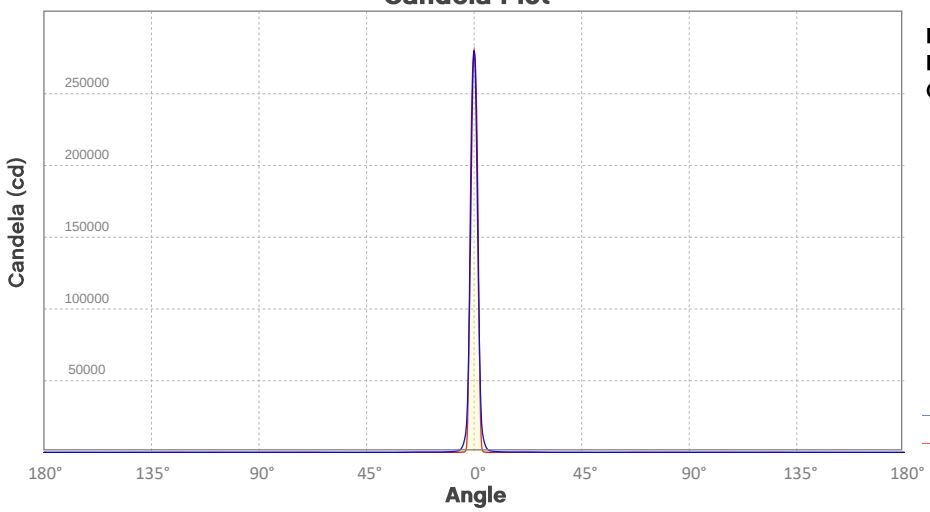
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	279274	69819	31030	17455	11171	7758	5699	4364	3448	2793
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2308	1939	1653	1425	1241	1091	966	862	774	698
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	25945	6486	2883	1622	1038	721	529	405	320	259
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	214	180	154	132	115	101	90	80	72	65

Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration On

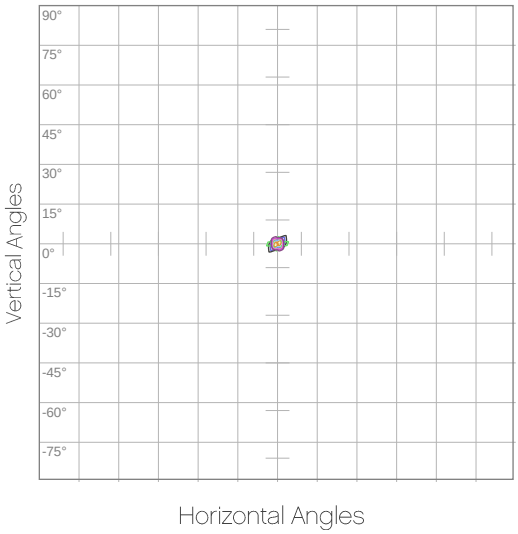
Candela Plot



Beam Angle (50%): 3.6°
Field Angle (10%): 5.9°
Cutoff Angle (3%): 7.4°

Vertical Distribution
Horizontal Distribution

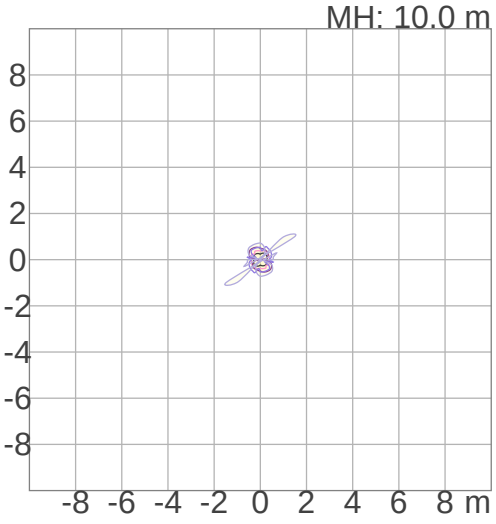
Polar Diagrams



iso-candela Diagram

10%	27927 cd
20%	55855 cd
30%	83782 cd
40%	111710 cd
50%	139637 cd
60%	167565 cd
70%	195492 cd
80%	223419 cd
90%	251347 cd

Conditions:
Number of c-planes: 8
Candela at center: 279274 cd



iso-illuminance Diagram

3%	83.8 lx
5%	140 lx
10%	279 lx
30%	838 lx
50%	1396 lx

Conditions:
Number of c-planes: 8
Lux at center: 2793 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 2048 lm
Peak Intensity: 303023 cd
Illuminance @ 5m: 12109 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 3.5°
Vertical Beam Angle (50%): 3.2°
Horizontal Field Angle (10%): 5.2°
Vertical Field Angle (10%): 5.8°
Horizontal Cutoff Angle (3%): 6°
Vertical Cutoff Angle (3%): 8.5°

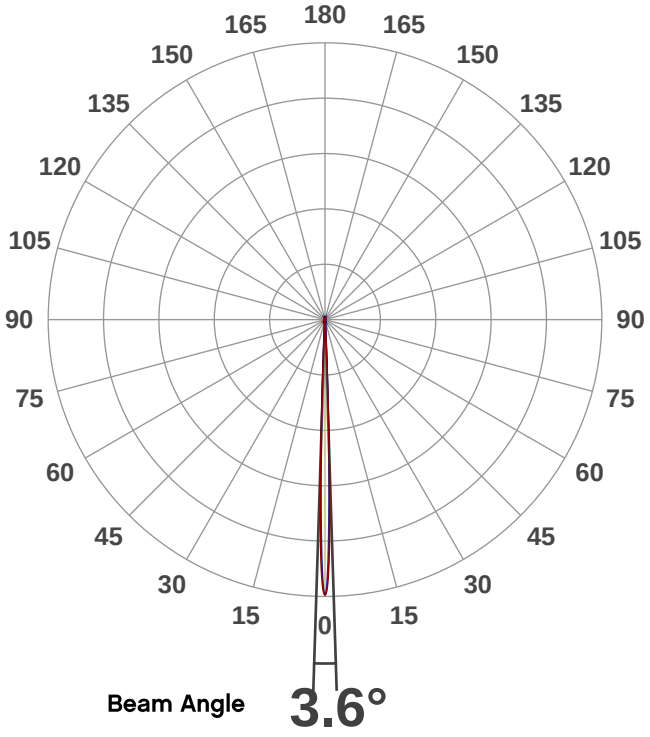
Conditions

AC Supply: 117 V, 60 Hz
Power: 440.12 W
Current: 3.75 A
Power Factor: 1.0

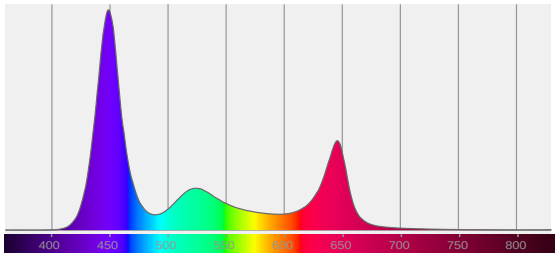
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

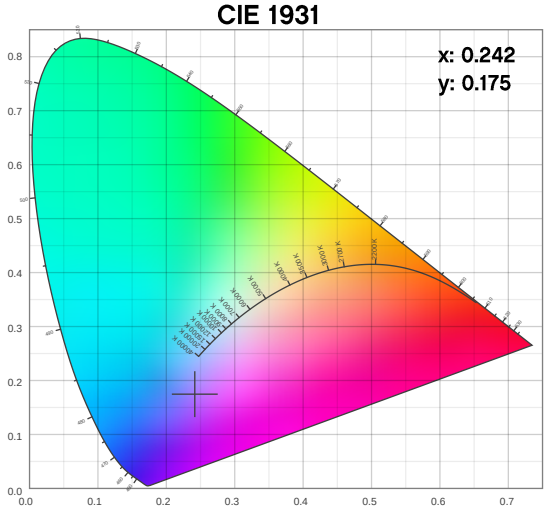
Angular Beam Distribution



Spectral Distribution



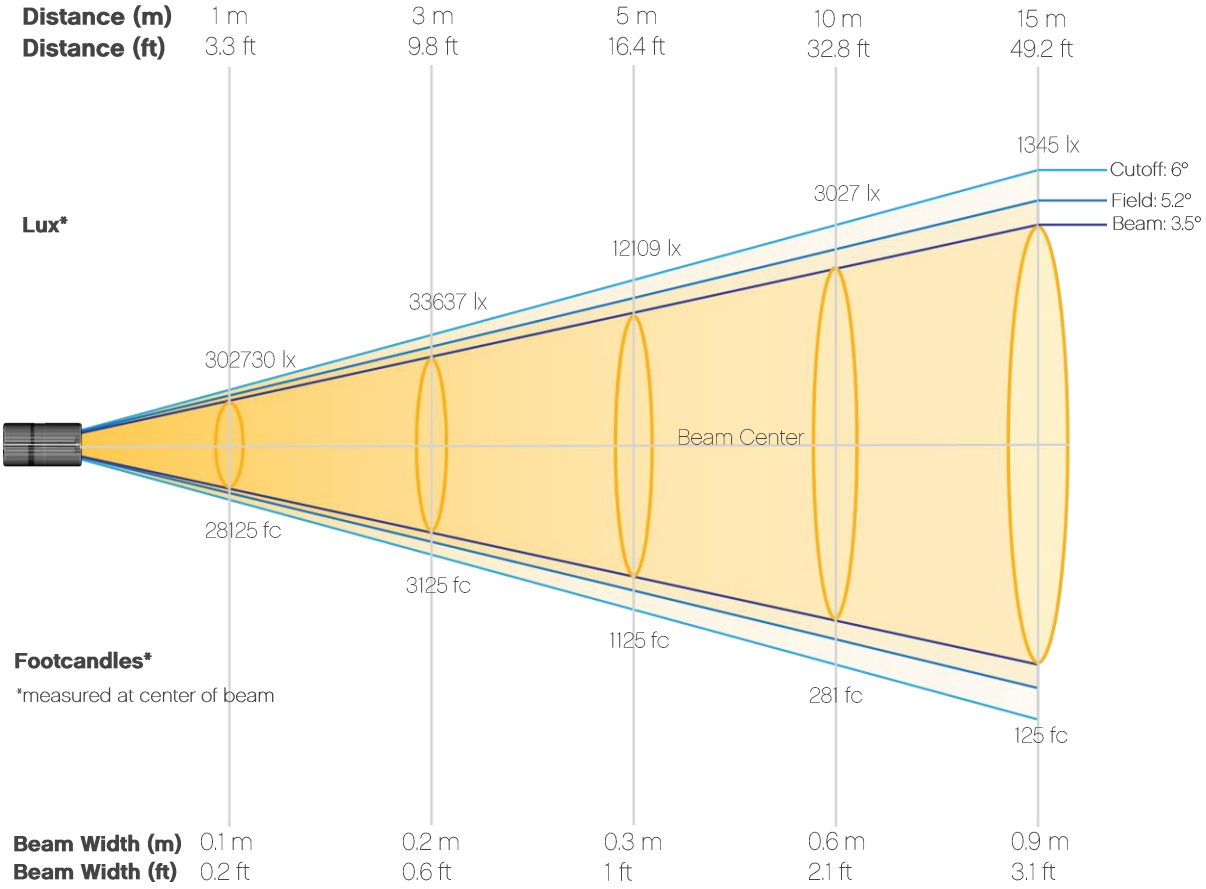
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

Beam Details



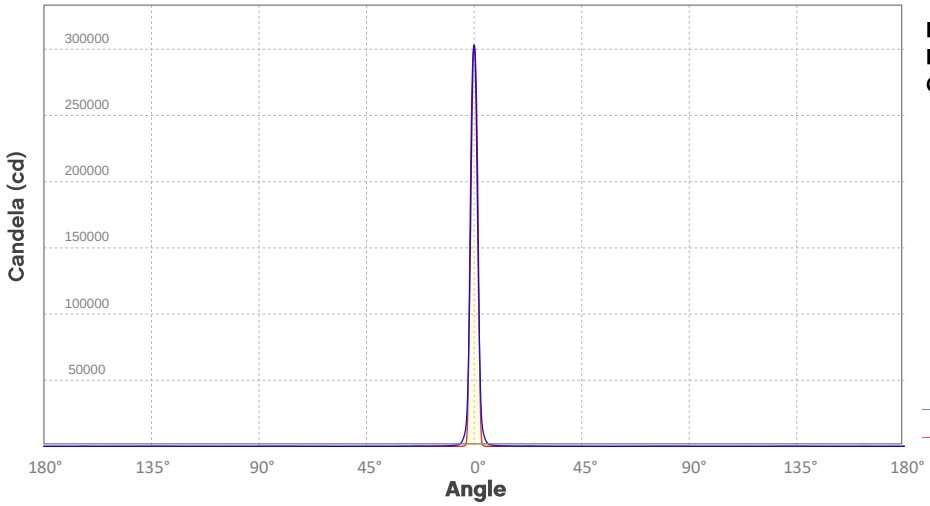
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	302730	75682	33637	18921	12109	8409	6178	4730	3737	3027
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2502	2102	1791	1545	1345	1183	1048	934	839	757
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	28125	7031	3125	1758	1125	781	574	439	347	281
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	232	195	166	143	125	110	97	87	78	70

Photometric Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

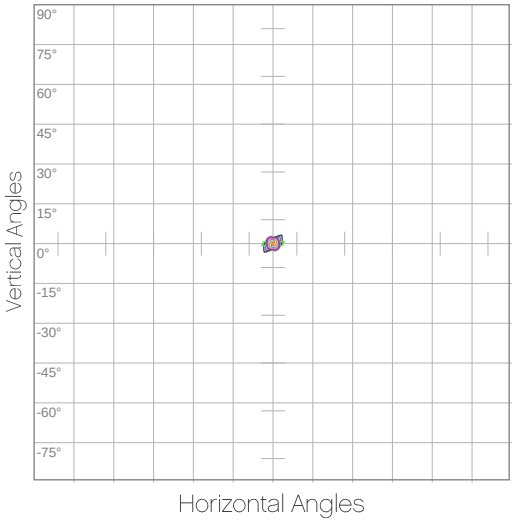
Candela Plot



Beam Angle (50%): 3.6°
Field Angle (10%): 5.8°
Cutoff Angle (3%): 7.2°

Horizontal Distribution
Vertical Distribution

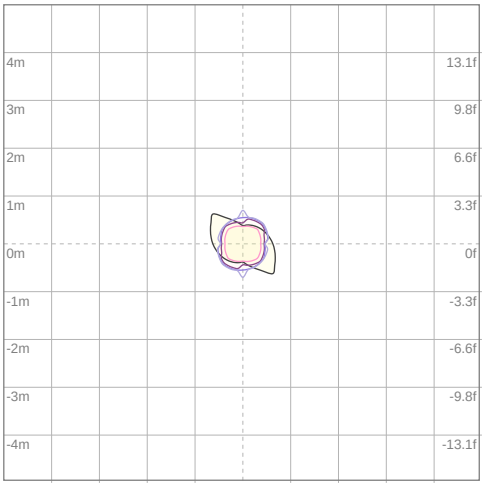
Polar Diagrams



iso-candela Diagram

10%	30273 cd
20%	60546 cd
30%	90819 cd
40%	121092 cd
50%	151365 cd
60%	181638 cd
70%	211911 cd
80%	242184 cd
90%	272457 cd

Conditions:
Number of c-planes: 8
Candela at center: 302730 cd



iso-illuminance Diagram

3%	90.8 lx
5%	151 lx
10%	303 lx
30%	908 lx
50%	1514 lx

Conditions:
Number of c-planes: 8
Lux at center: 3027 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

Report Summary

Output

Total Lumens: 212 lm
Peak Intensity: 55305 cd
Illuminance @ 5m: 2209 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 4°
Vertical Beam Angle (50%): 2.6°
Horizontal Field Angle (10%): 5.5°
Vertical Field Angle (10%): 4.3°
Horizontal Cutoff Angle (3%): 6.2°
Vertical Cutoff Angle (3%): 5.2°

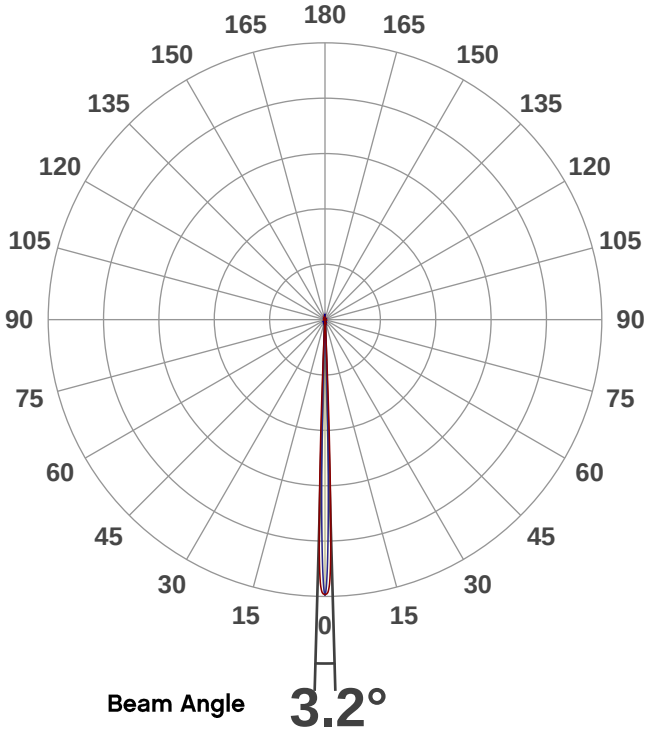
Conditions

AC Supply: 120 V, 60 Hz
Power: 83.52 W
Current: 0.696 A
Power Factor: 0.99

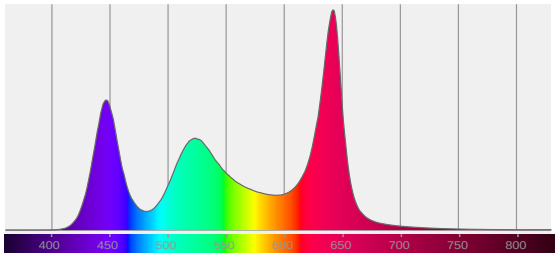
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

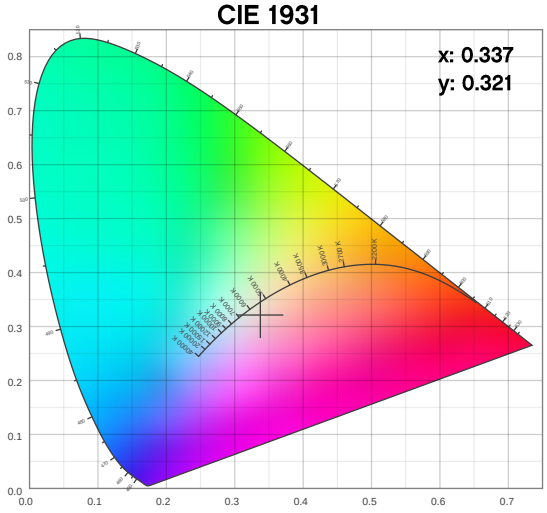
Angular Beam Distribution



Spectral Distribution



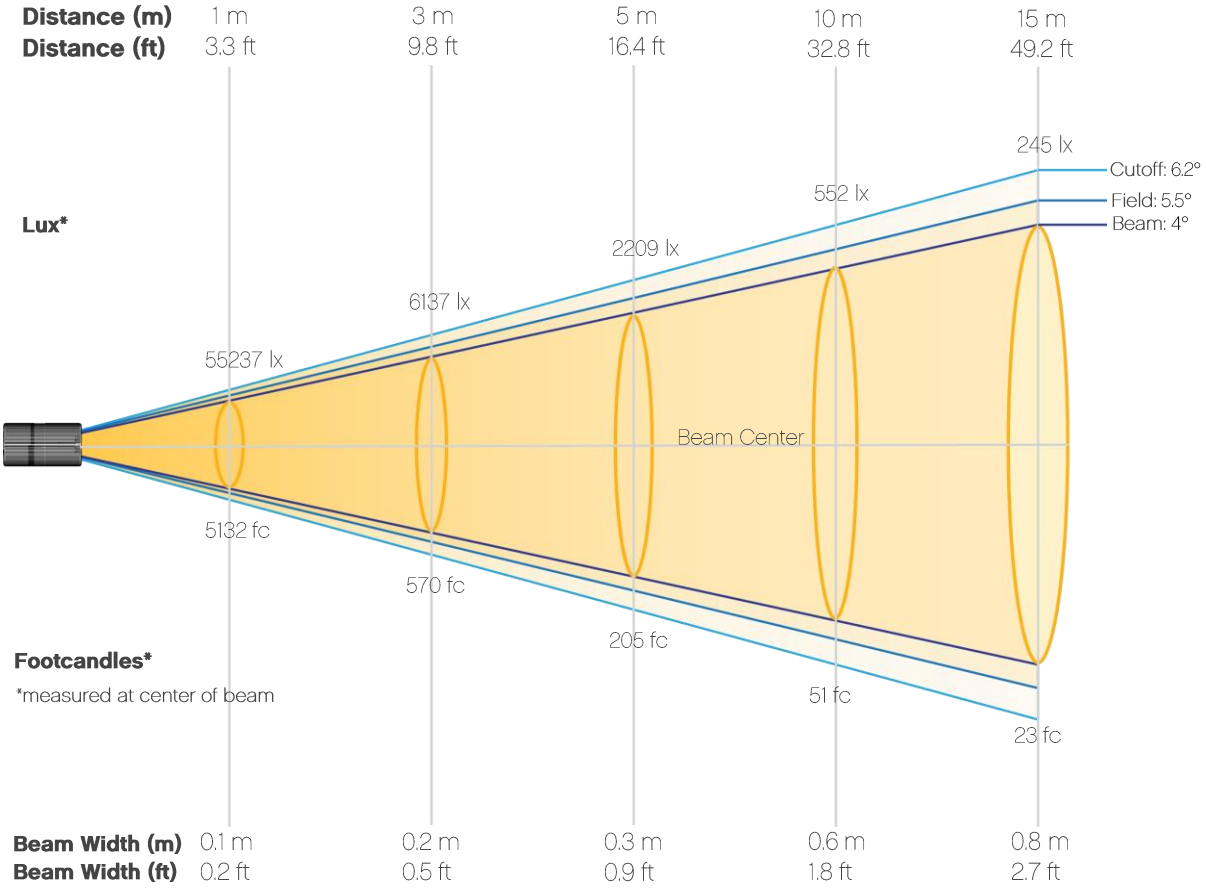
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

Beam Details



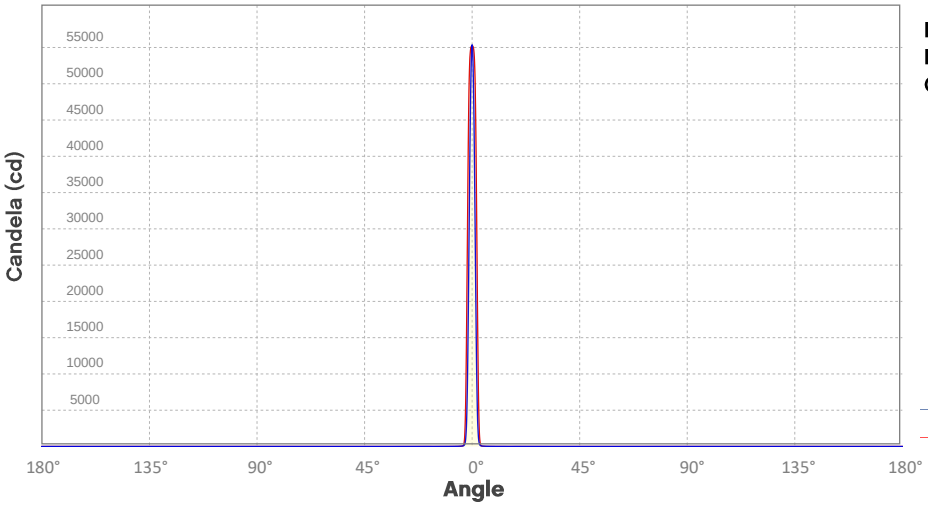
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	55237	13809	6137	3452	2209	1534	1127	863	682	552
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	457	384	327	282	245	216	191	170	153	138
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5132	1283	570	321	205	143	105	80	63	51
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	42	36	30	26	23	20	18	16	14	13

Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

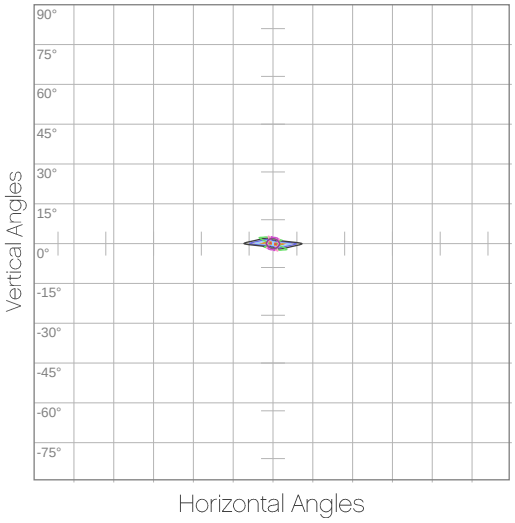
Candela Plot



Beam Angle (50%): 3.2°
Field Angle (10%): 4.8°
Cutoff Angle (3%): 5.6°

Horizontal Distribution
Vertical Distribution

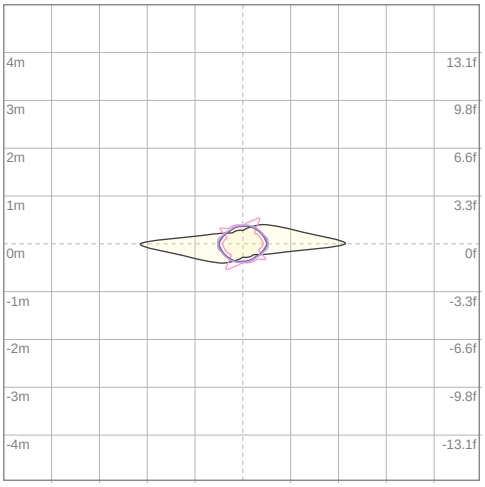
Polar Diagrams



iso-candela Diagram

10%	5524 cd
20%	11047 cd
30%	16571 cd
40%	22095 cd
50%	27618 cd
60%	33142 cd
70%	38666 cd
80%	44189 cd
90%	49713 cd

Conditions:
Number of c-planes: 8
Candela at center: 55237 cd



iso-illuminance Diagram

3%	16.6 lx
5%	27.6 lx
10%	55.2 lx
30%	166 lx
50%	276 lx

Conditions:
Number of c-planes: 8
Lux at center: 552 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

Report Summary

Output

Total Lumens: 265 lm
Peak Intensity: 58592 cd
Illuminance @ 5m: 2343 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 4°
Vertical Beam Angle (50%): 2.6°
Horizontal Field Angle (10%): 5.4°
Vertical Field Angle (10%): 4.1°
Horizontal Cutoff Angle (3%): 6.1°
Vertical Cutoff Angle (3%): 5°

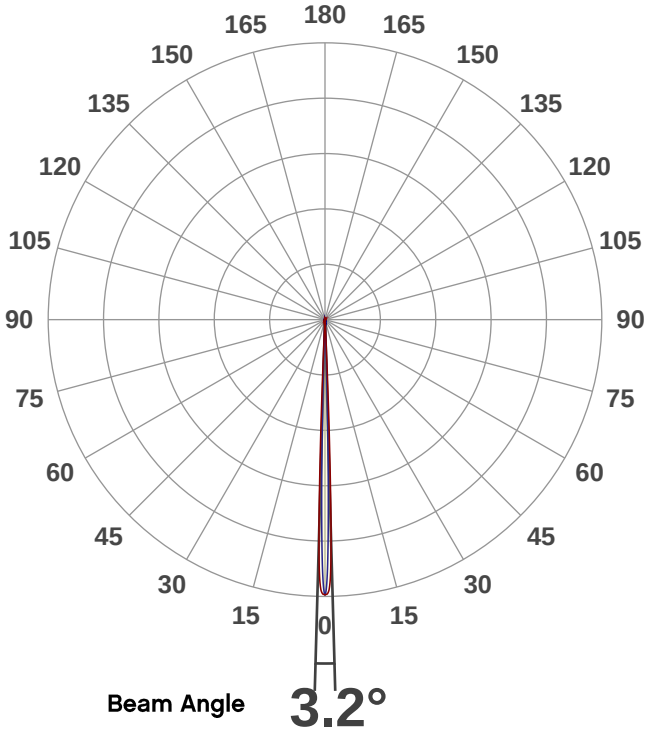
Conditions

AC Supply: 121 V, 60 Hz
Power: 91.76 W
Current: 0.761 A
Power Factor: 0.99

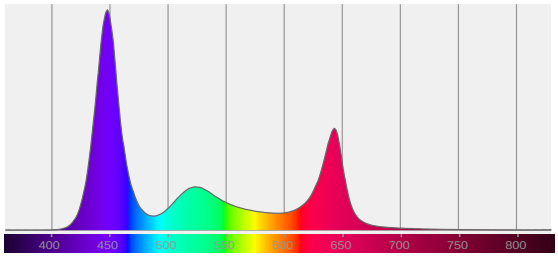
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

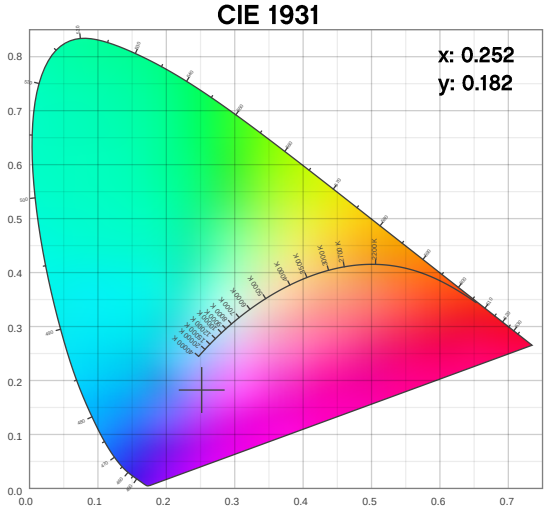
Angular Beam Distribution



Spectral Distribution



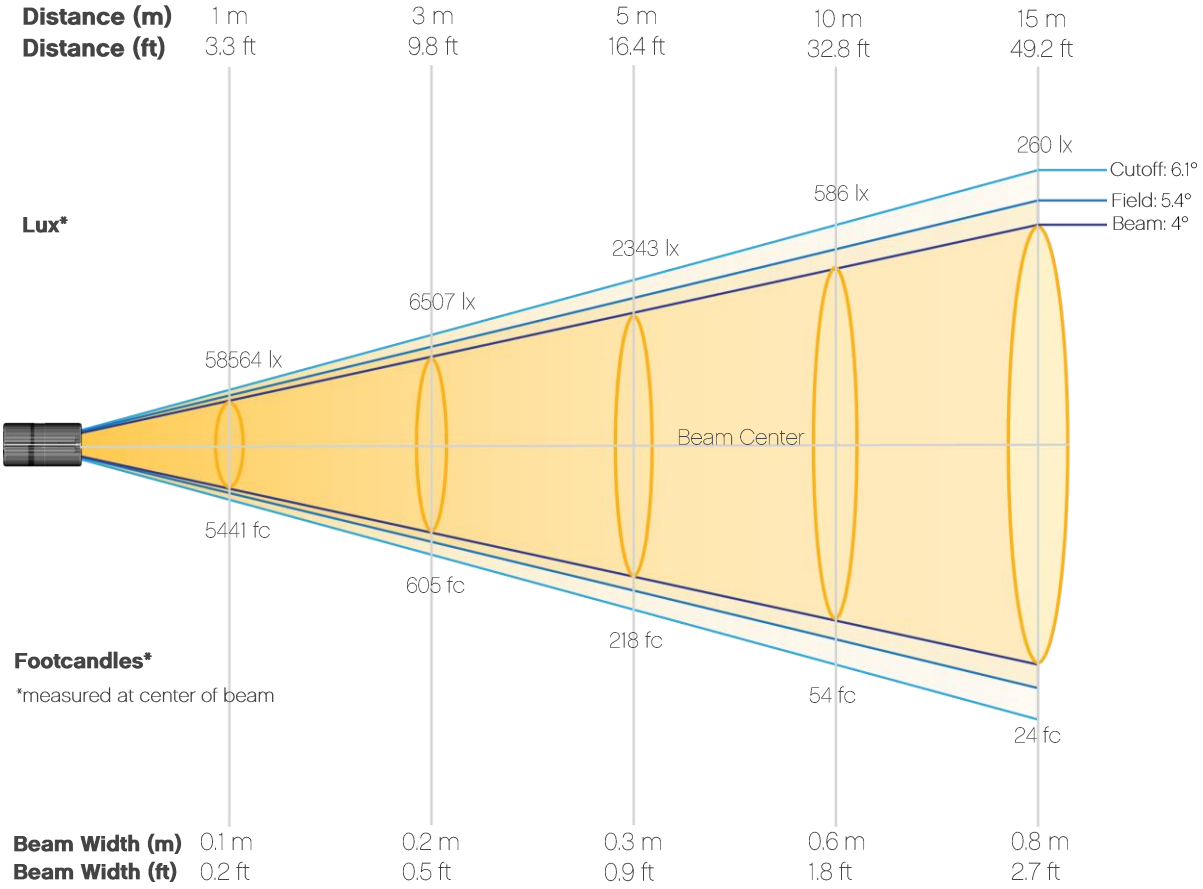
CIE 1931



Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

Beam Details



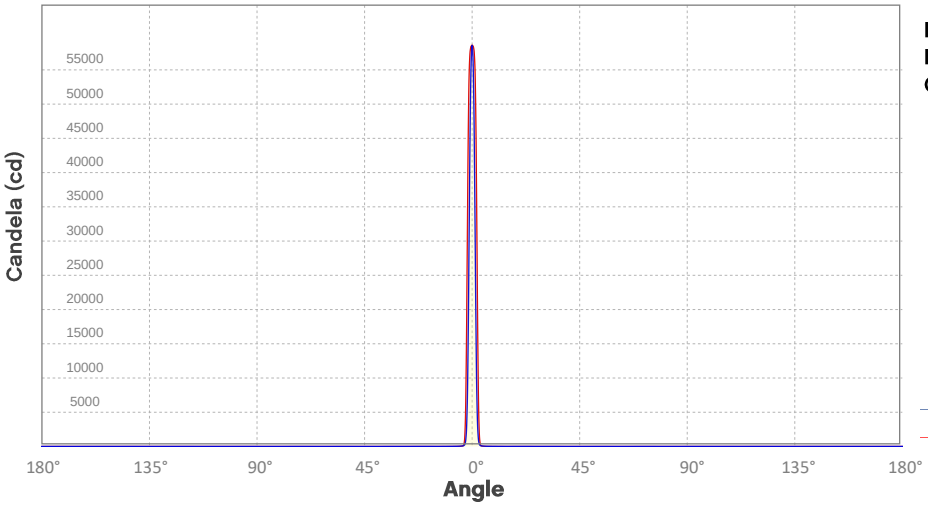
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	58564	14641	6507	3660	2343	1627	1195	915	723	586
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	484	407	347	299	260	229	203	181	162	146
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5441	1360	605	340	218	151	111	85	67	54
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	45	38	32	28	24	21	19	17	15	14

Photometric Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

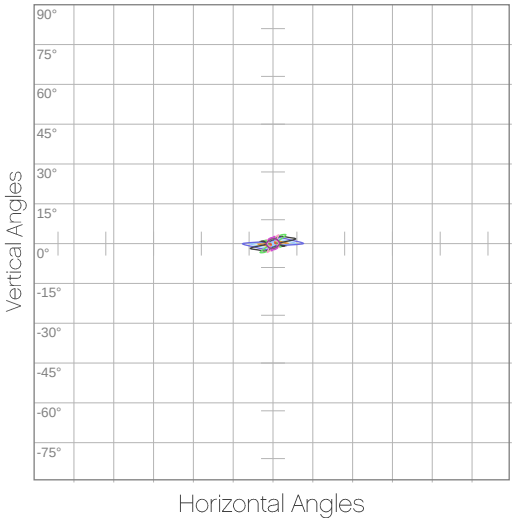
Candela Plot



Beam Angle (50%): 3.2°
Field Angle (10%): 4.6°
Cutoff Angle (3%): 5.5°

Horizontal Distribution
Vertical Distribution

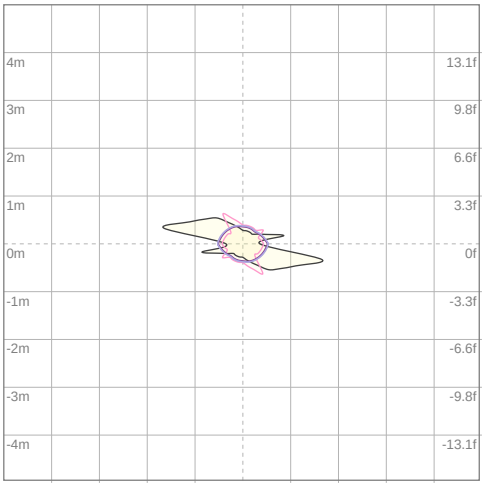
Polar Diagrams



iso-candela Diagram

10%	5856 cd
20%	11713 cd
30%	17569 cd
40%	23426 cd
50%	29282 cd
60%	35139 cd
70%	40995 cd
80%	46851 cd
90%	52708 cd

Conditions:
Number of c-planes: 8
Candela at center: 58564 cd



iso-illuminance Diagram

3%	17.6 lx
5%	29.3 lx
10%	58.6 lx
30%	176 lx
50%	293 lx

Conditions:
Number of c-planes: 8
Lux at center: 586 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

Report Summary

Output

Total Lumens: 2703 lm
Peak Intensity: 42661 cd
Illuminance @ 5m: 1706 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 14.9°
Vertical Beam Angle (50%): 14.3°
Horizontal Field Angle (10%): 19.7°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 21.4°
Vertical Cutoff Angle (3%): 22.5°

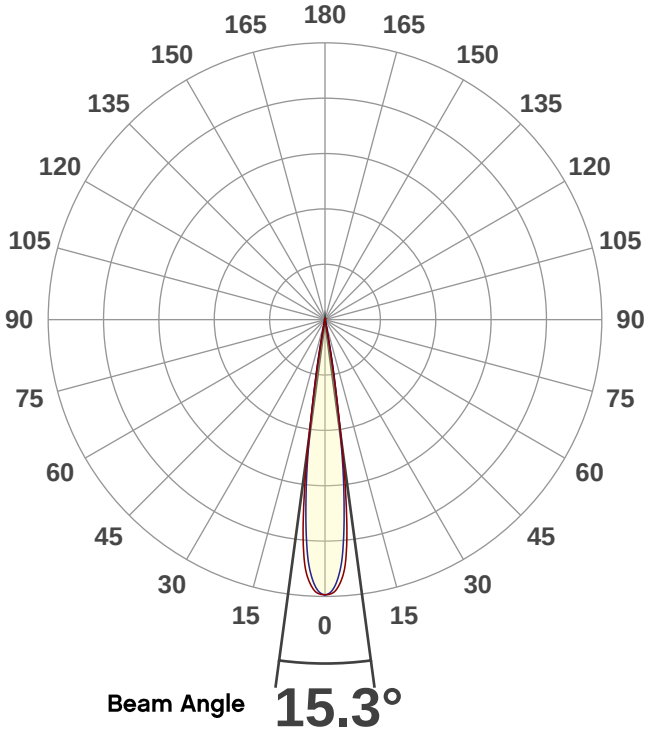
Conditions

AC Supply: 120 V, 60 Hz
Power: 361.37 W
Current: 3.02 A
Power Factor: 0.99

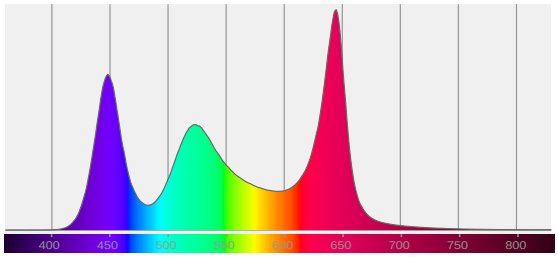
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

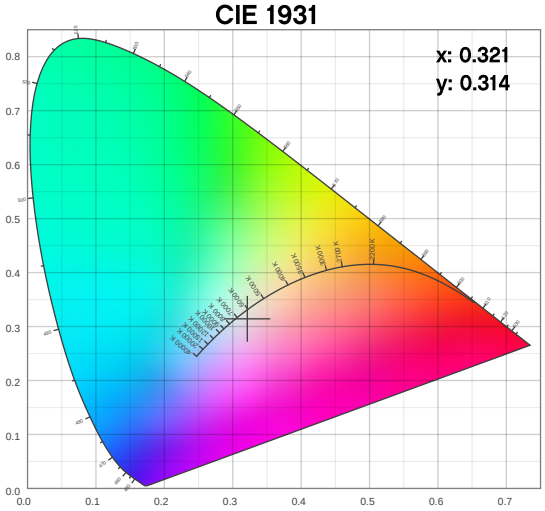
Angular Beam Distribution



Spectral Distribution



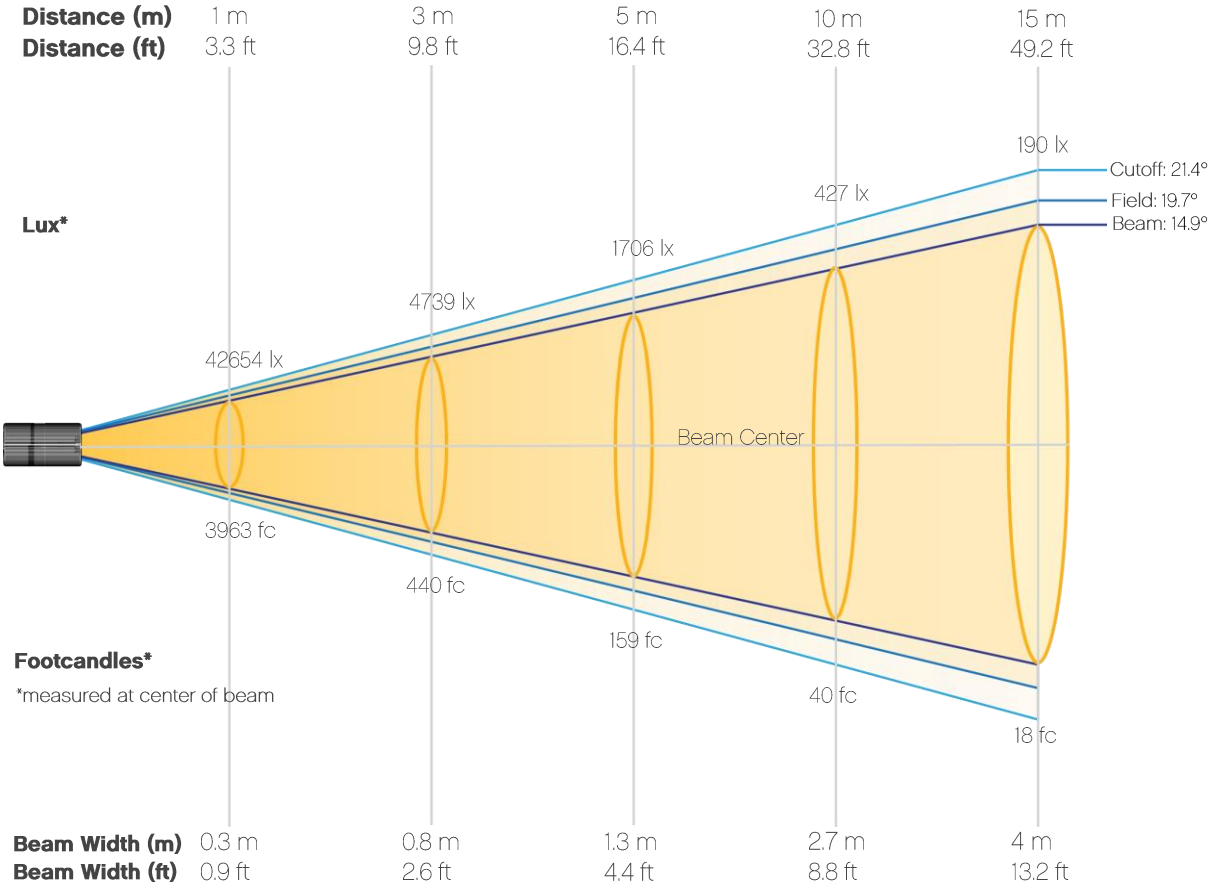
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

Beam Details



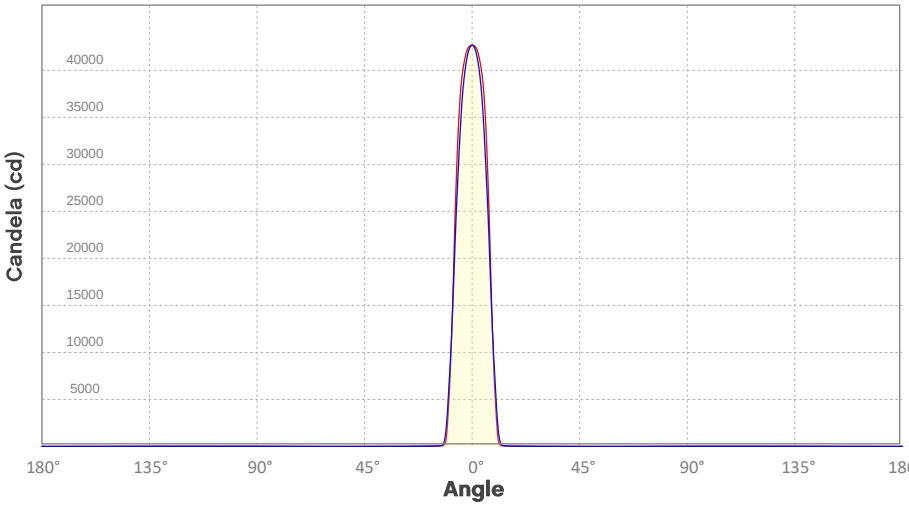
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	42654	10664	4739	2666	1706	1185	870	666	527	427
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	353	296	252	218	190	167	148	132	118	107
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3963	991	440	248	159	110	81	62	49	40
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	33	28	23	20	18	15	14	12	11	10

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

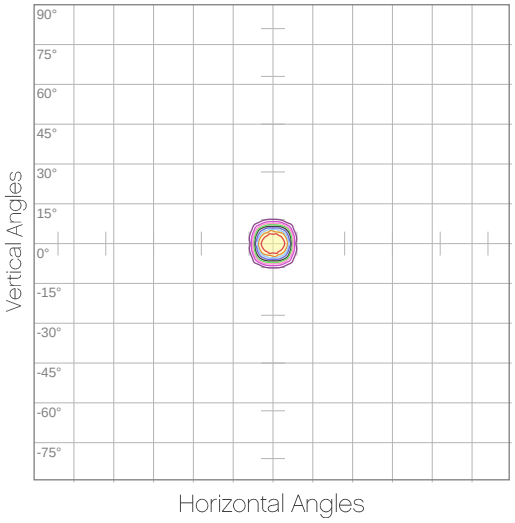
Candela Plot



Beam Angle (50%): 15.3°
Field Angle (10%): 21.1°
Cutoff Angle (3%): 23.4°

Horizontal Distribution
Vertical Distribution

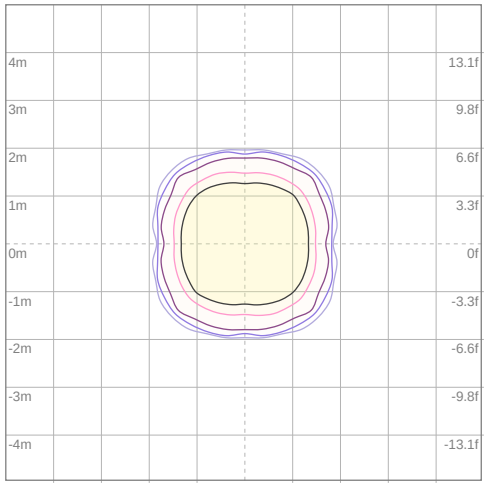
Polar Diagrams



iso-candela Diagram

	10%	4265 cd
	20%	8531 cd
	30%	12796 cd
	40%	17062 cd
	50%	21327 cd
	60%	25593 cd
	70%	29858 cd
	80%	34124 cd
	90%	38389 cd

Conditions:
Number of c-planes: 8
Candela at center: 42654 cd



iso-illuminance Diagram

	3%	12.8 lx
	5%	21.3 lx
	10%	42.7 lx
	30%	128 lx
	50%	213 lx

Conditions:
Number of c-planes: 8
Lux at center: 427 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 2847 lm
Peak Intensity: 47335 cd
Illuminance @ 5m: 1893 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 14.6°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 20°
Horizontal Cutoff Angle (3%): 21.3°
Vertical Cutoff Angle (3%): 22.3°

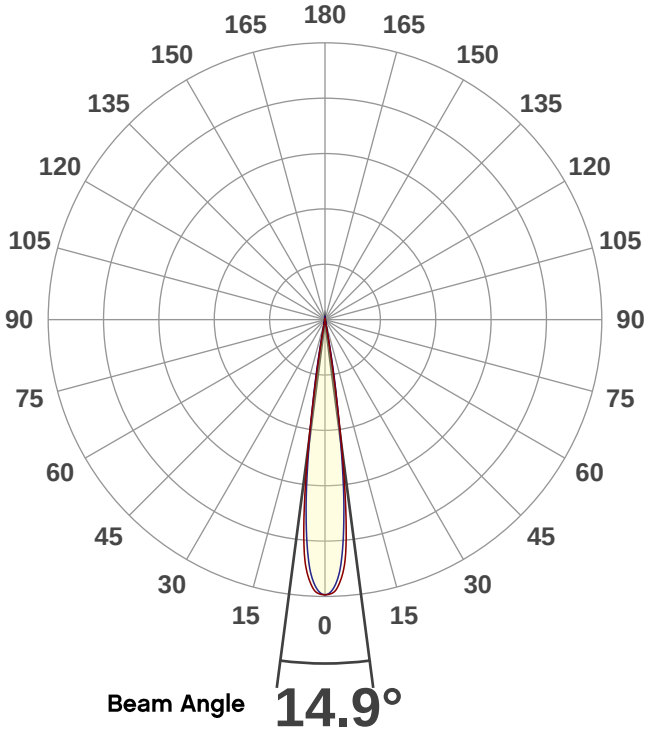
Conditions

AC Supply: 118 V, 60 Hz
Power: 438.88 W
Current: 3.71 A
Power Factor: 1.0

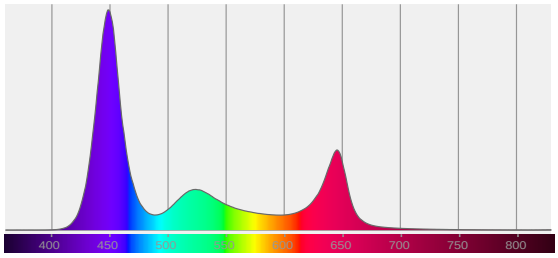
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

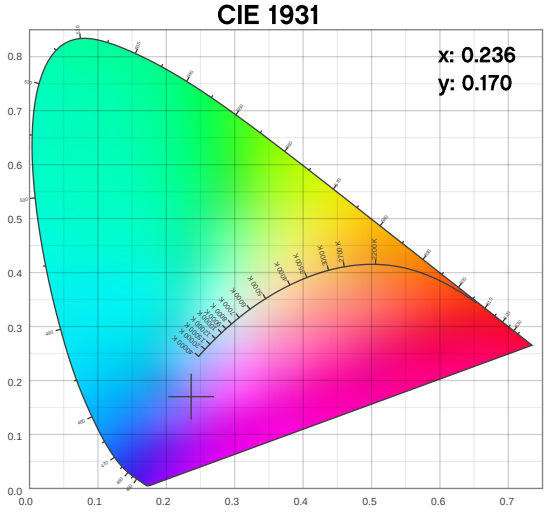
Angular Beam Distribution



Spectral Distribution



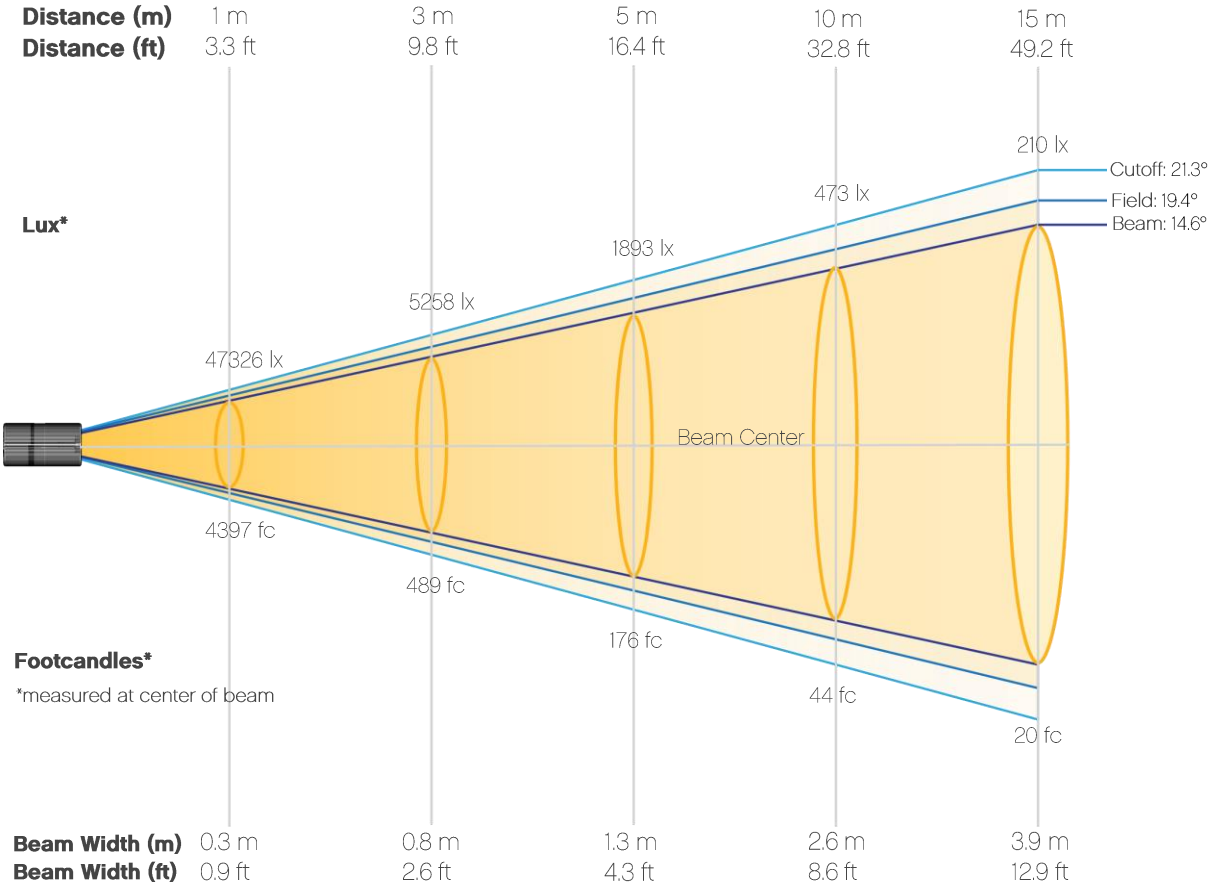
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

Beam Details



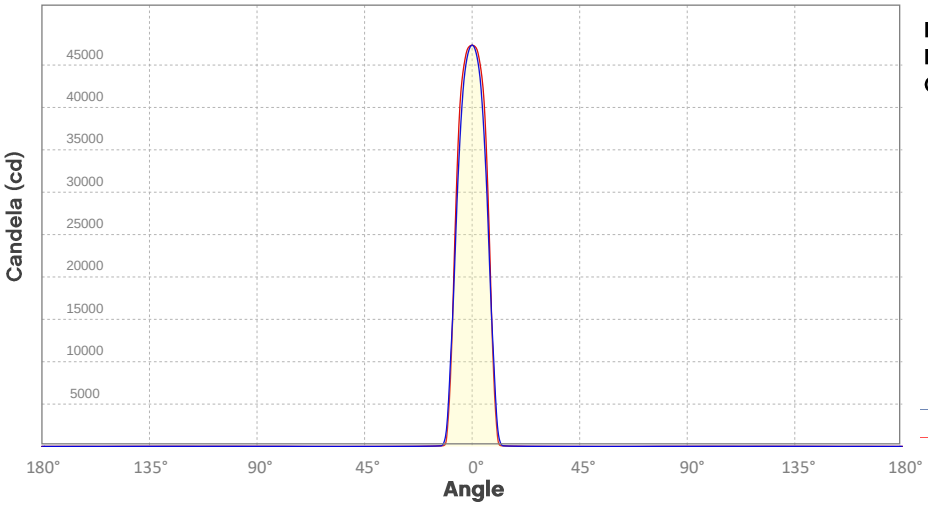
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	47326	11831	5258	2958	1893	1315	966	739	584	473
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	391	329	280	241	210	185	164	146	131	118
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4397	1099	489	275	176	122	90	69	54	44
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	36	31	26	22	20	17	15	14	12	11

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

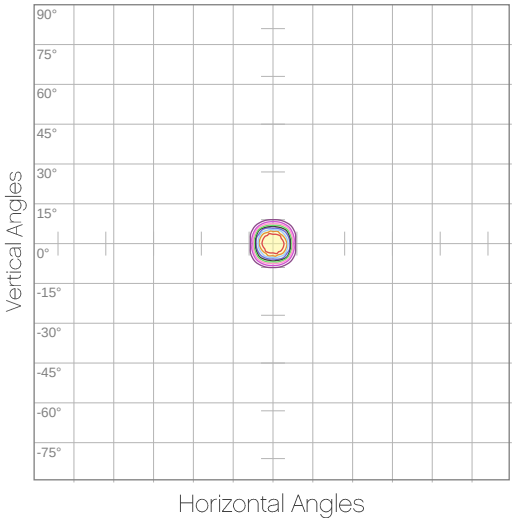
Candela Plot



Beam Angle (50%): 14.9°
Field Angle (10%): 20.7°
Cutoff Angle (3%): 23°

Horizontal Distribution
Vertical Distribution

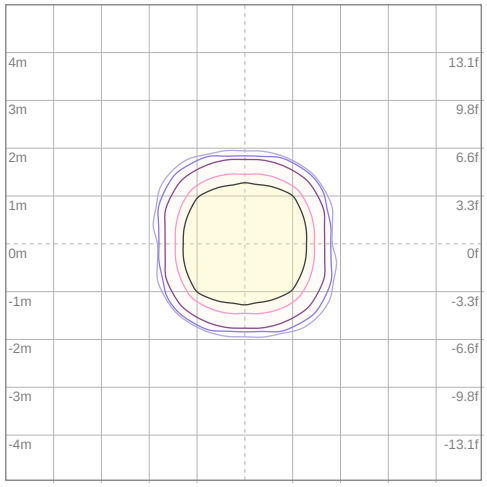
Polar Diagrams



iso-candela Diagram

	10%	4733 cd
	20%	9465 cd
	30%	14198 cd
	40%	18930 cd
	50%	23663 cd
	60%	28395 cd
	70%	33128 cd
	80%	37861 cd
	90%	42593 cd

Conditions:
Number of c-planes: 8
Candela at center: 47326 cd



iso-illuminance Diagram

	3%	14.2 lx
	5%	23.7 lx
	10%	47.3 lx
	30%	142 lx
	50%	237 lx

Conditions:
Number of c-planes: 8
Lux at center: 473 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

Report Summary

Output

Total Lumens: 2711 lm
Peak Intensity: 44026 cd
Illuminance @ 5m: 1760 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 14.7°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 19.5°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 21.4°
Vertical Cutoff Angle (3%): 22.5°

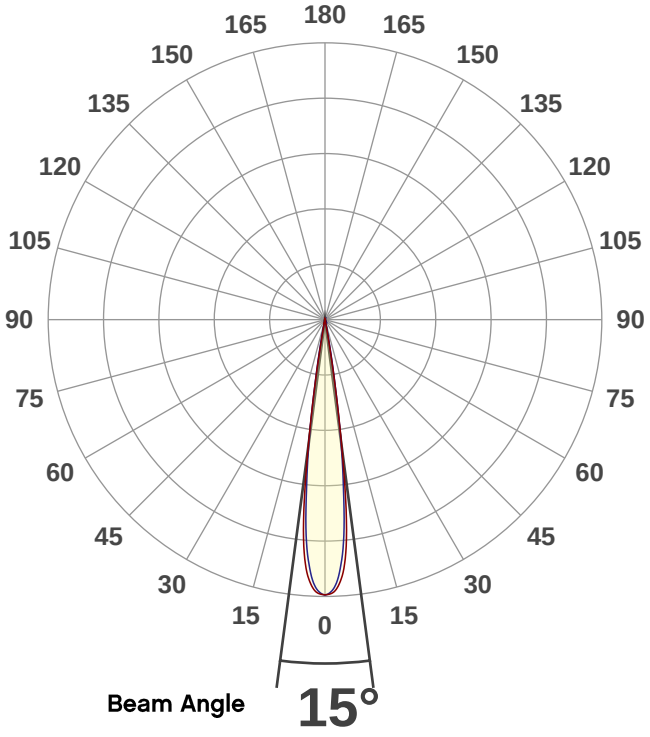
Conditions

AC Supply: 118 V, 60 Hz
Power: 439.24 W
Current: 3.73 A
Power Factor: 1.0

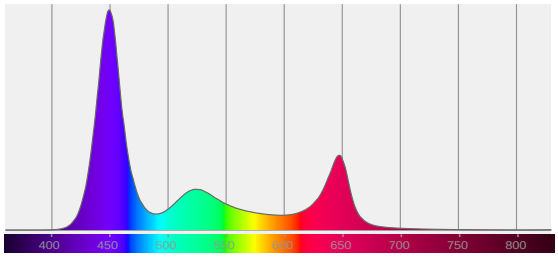
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

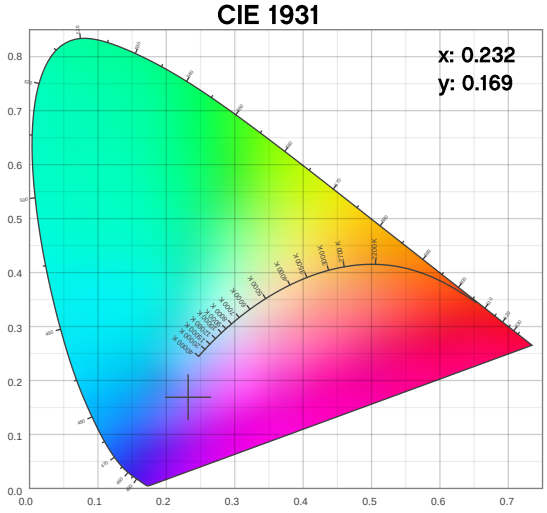
Angular Beam Distribution



Spectral Distribution



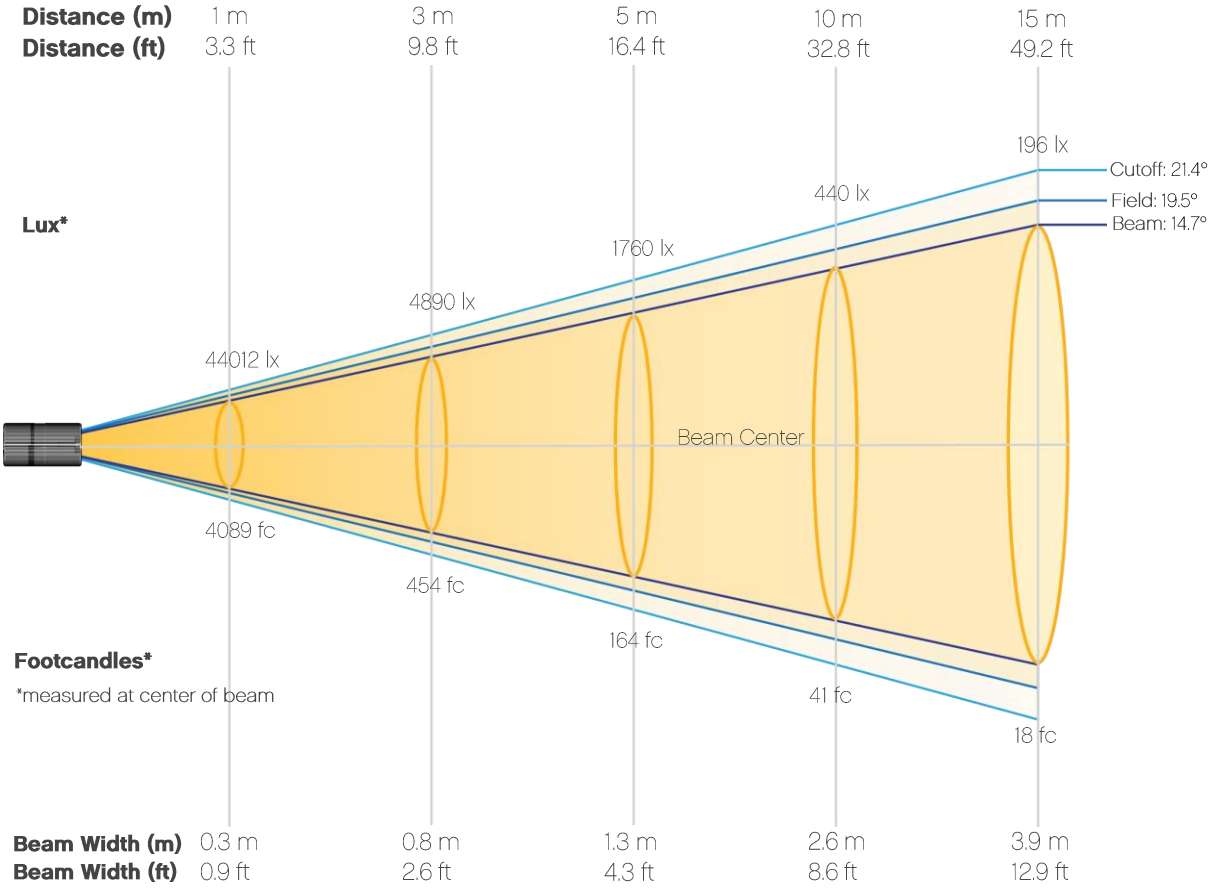
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

Beam Details



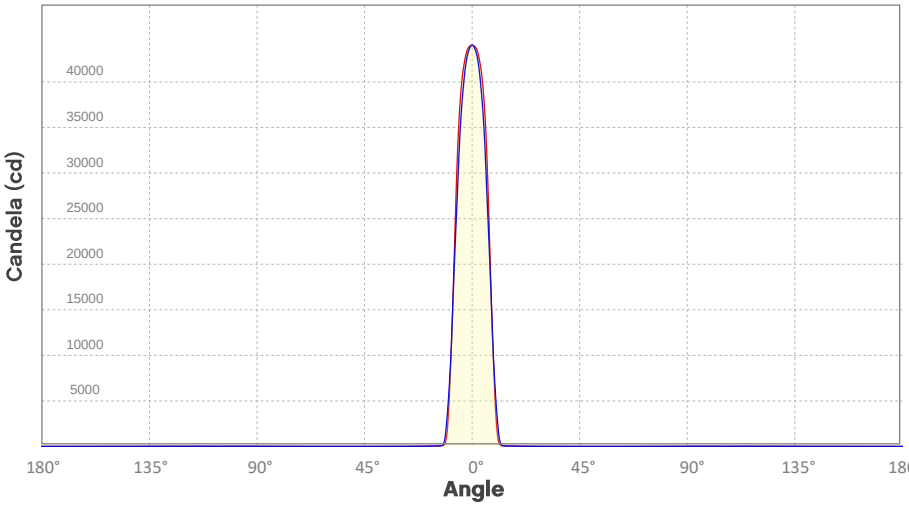
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	44012	11003	4890	2751	1760	1223	898	688	543	440
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	364	306	260	225	196	172	152	136	122	110
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4089	1022	454	256	164	114	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 Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

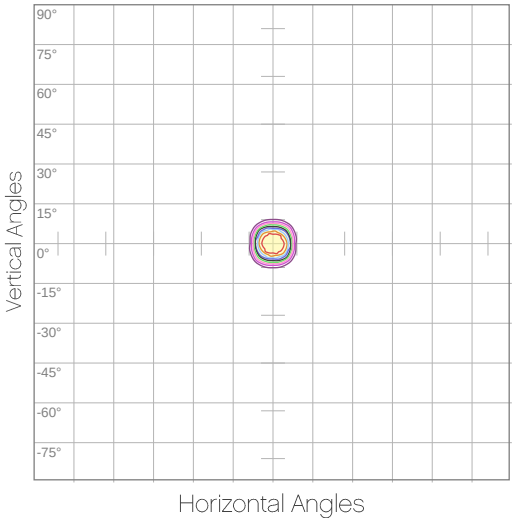
Candela Plot



Beam Angle (50%): 15°
Field Angle (10%): 20.7°
Cutoff Angle (3%): 23.2°

Horizontal Distribution
Vertical Distribution

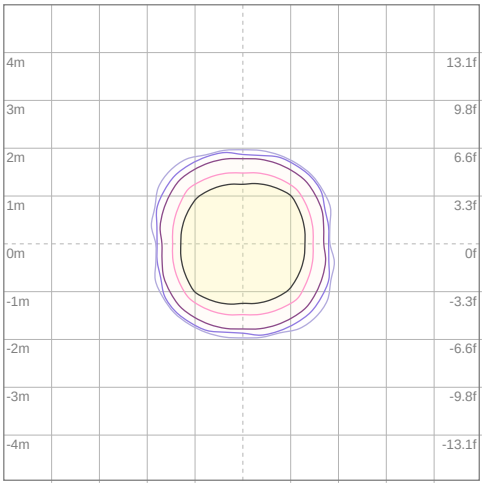
Polar Diagrams



iso-candela Diagram

10%	4401 cd
20%	8802 cd
30%	13204 cd
40%	17605 cd
50%	22006 cd
60%	26407 cd
70%	30808 cd
80%	35210 cd
90%	39611 cd

Conditions:
Number of c-planes: 8
Candela at center: 44012 cd



iso-illuminance Diagram

3%	13.2 lx
5%	22.0 lx
10%	44.0 lx
30%	132 lx
50%	220 lx

Conditions:
Number of c-planes: 8
Lux at center: 440 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

Report Summary

Output

Total Lumens: 600 lm
Peak Intensity: 9303 cd
Illuminance @ 5m: 372 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 14.6°
Vertical Beam Angle (50%): 14.1°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 21.5°
Vertical Cutoff Angle (3%): 22.6°

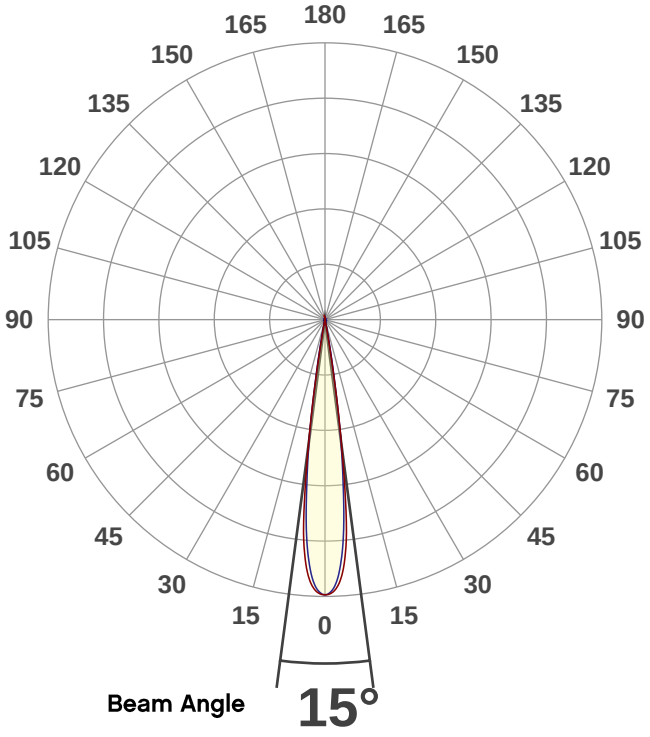
Conditions

AC Supply: 119 V, 60 Hz
Power: 162.58 W
Current: 1.36 A
Power Factor: 0.98

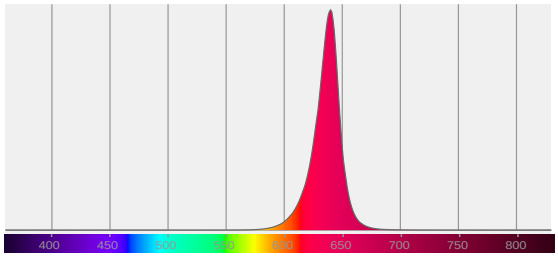
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

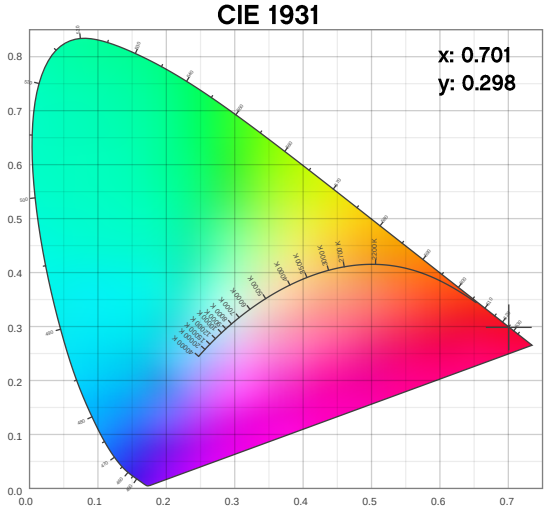
Angular Beam Distribution



Spectral Distribution



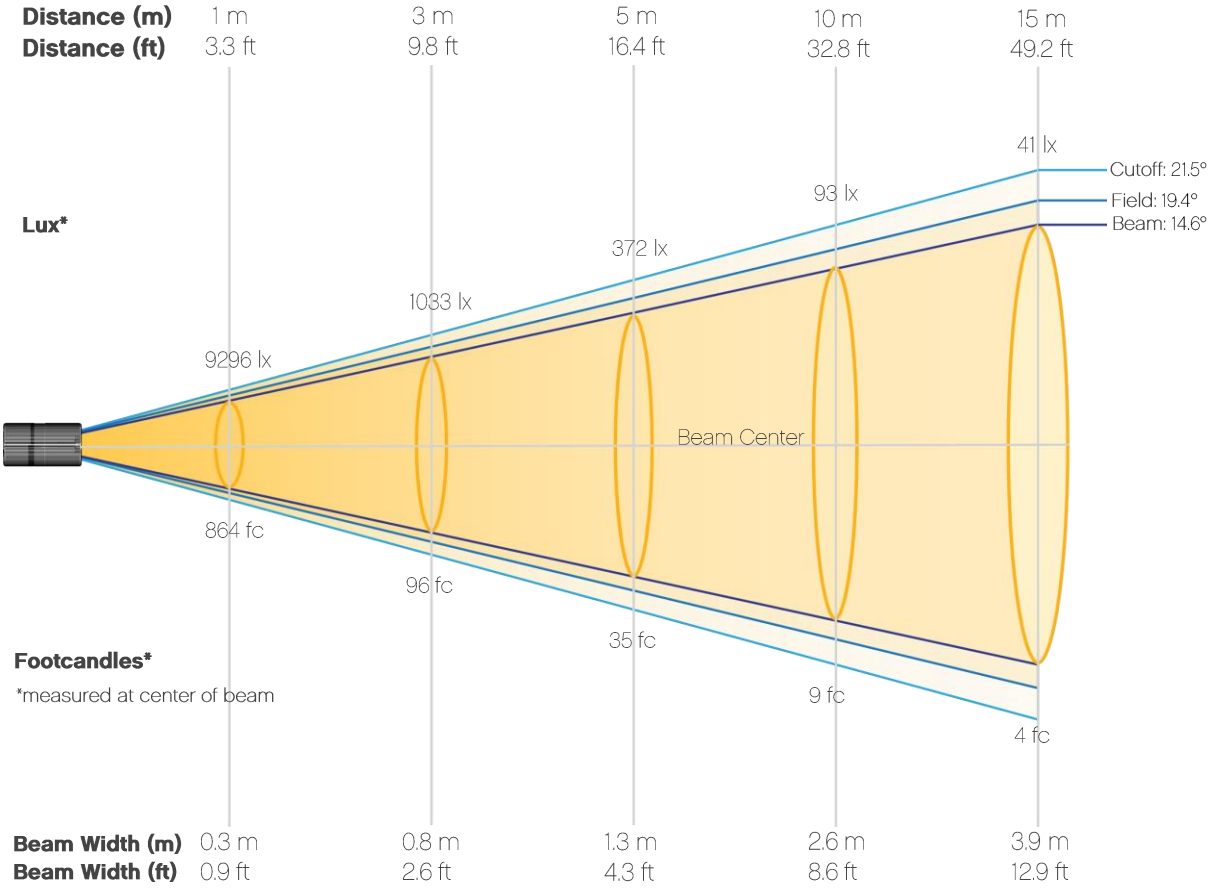
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

Beam Details



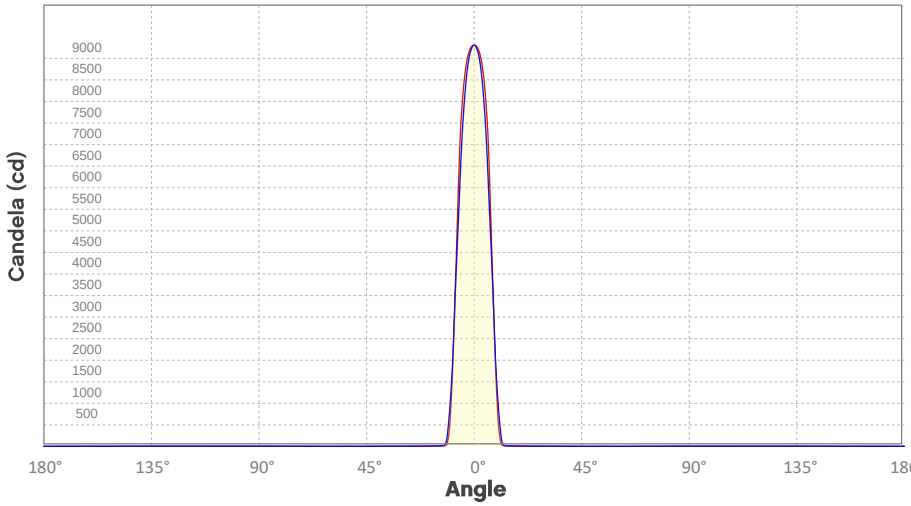
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9296	2324	1033	581	372	258	190	145	115	93
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	77	65	55	47	41	36	32	29	26	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	864	216	96	54	35	24	18	13	11	9
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 Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

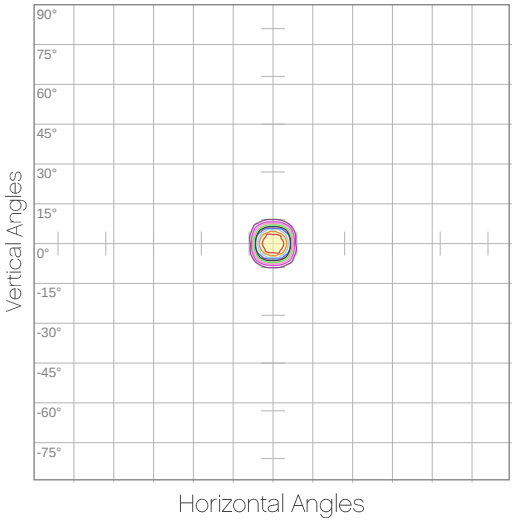
Candela Plot



Beam Angle (50%): 15°
Field Angle (10%): 20.9°
Cutoff Angle (3%): 23.4°

Horizontal Distribution
Vertical Distribution

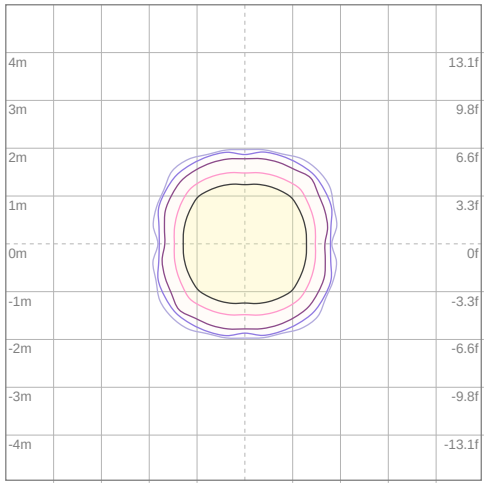
Polar Diagrams



iso-candela Diagram

	10%	930 cd
	20%	1859 cd
	30%	2789 cd
	40%	3718 cd
	50%	4648 cd
	60%	5578 cd
	70%	6507 cd
	80%	7437 cd
	90%	8367 cd

Conditions:
Number of c-planes: 8
Candela at center: 9296 cd



iso-illuminance Diagram

	3%	2.79 lx
	5%	4.65 lx
	10%	9.30 lx
	30%	27.9 lx
	50%	46.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 93.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

Report Summary

Output

Total Lumens: 576 lm
Peak Intensity: 9081 cd
Illuminance @ 5m: 363 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 14.6°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 21.5°
Vertical Cutoff Angle (3%): 22.6°

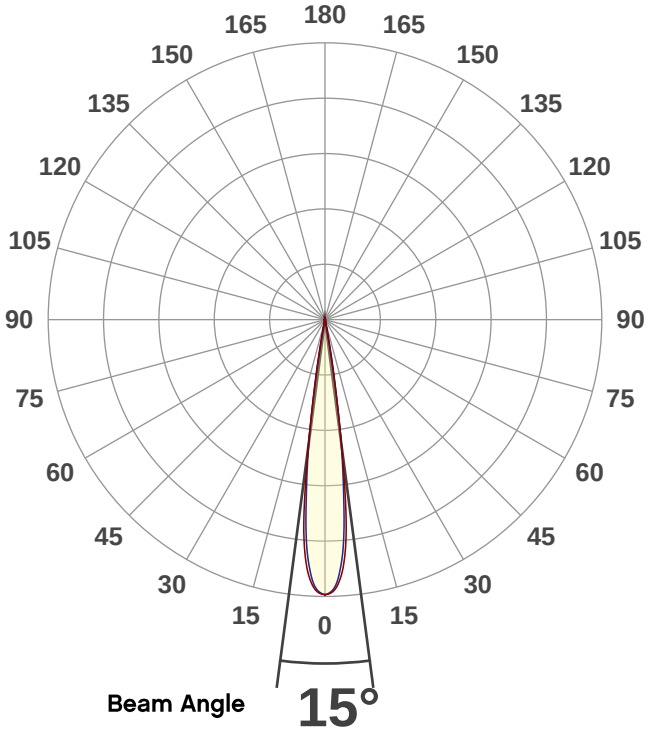
Conditions

AC Supply: 121 V, 60 Hz
Power: 165.17 W
Current: 1.37 A
Power Factor: 0.98

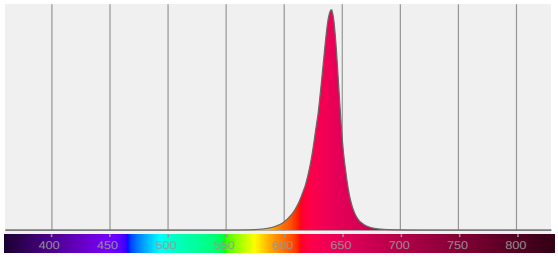
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

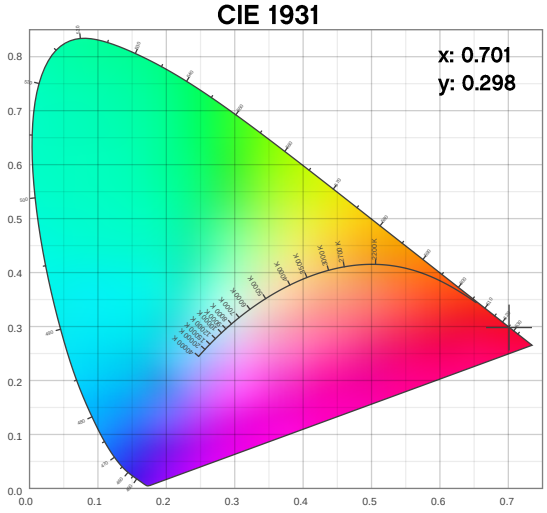
Angular Beam Distribution



Spectral Distribution



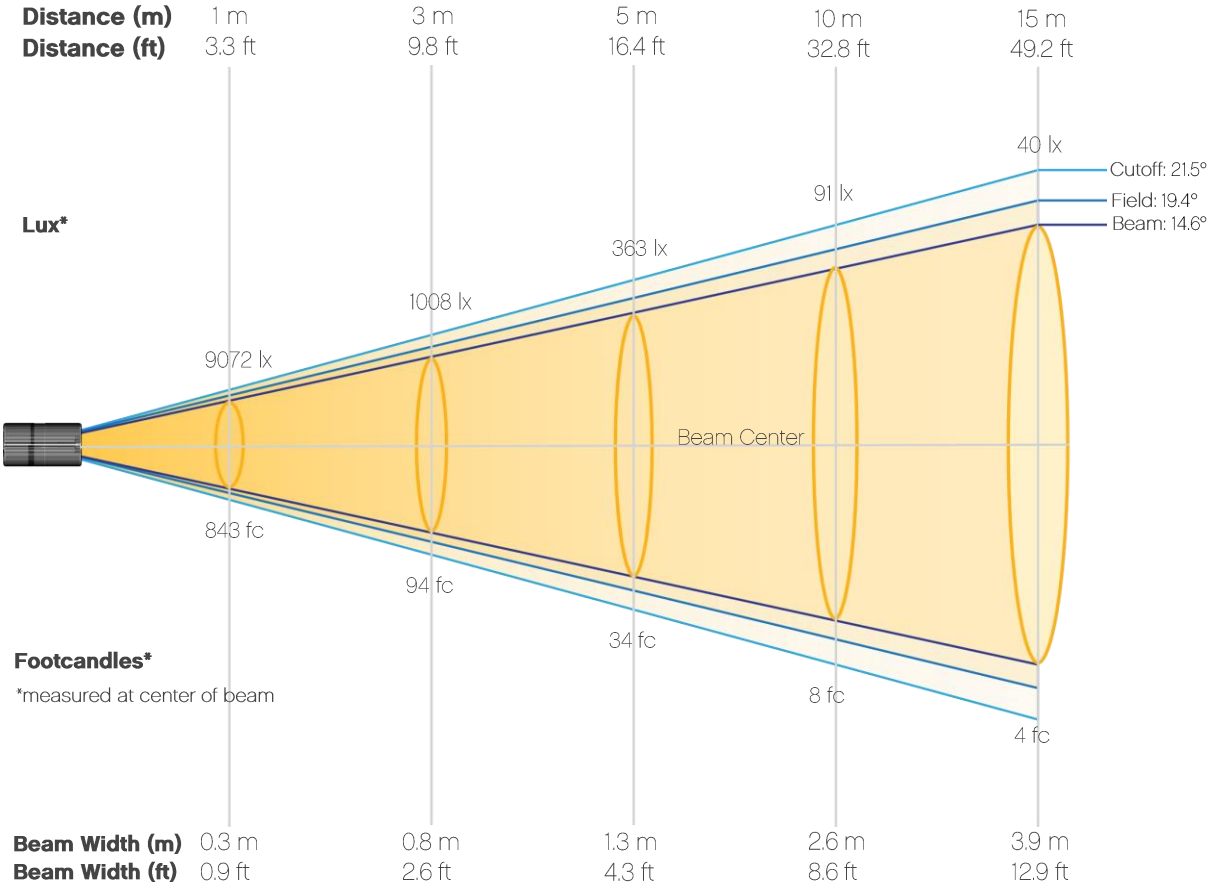
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

Beam Details



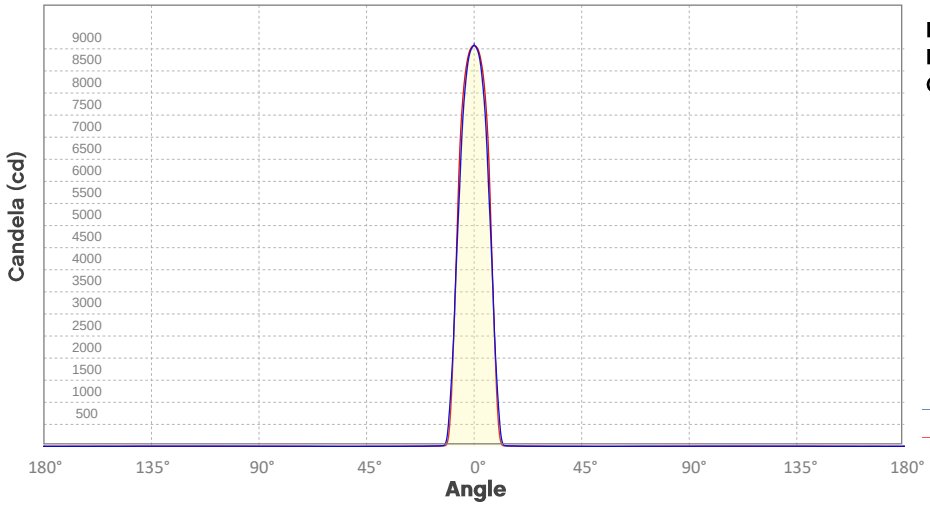
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9072	2268	1008	567	363	252	185	142	112	91
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	75	63	54	46	40	35	31	28	25	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	843	211	94	53	34	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 Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

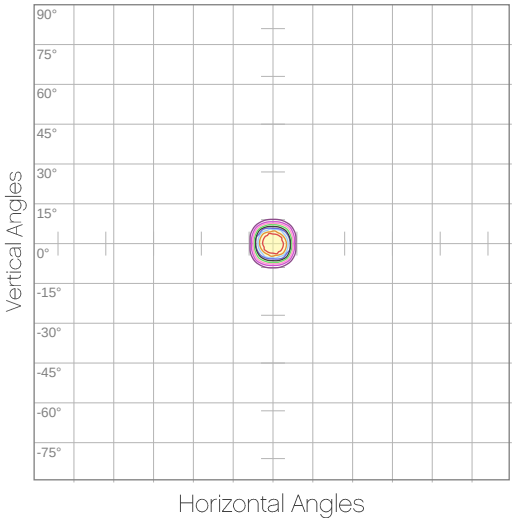
Candela Plot



Beam Angle (50%): 15°
Field Angle (10%): 20.8°
Cutoff Angle (3%): 23.3°

Horizontal Distribution
Vertical Distribution

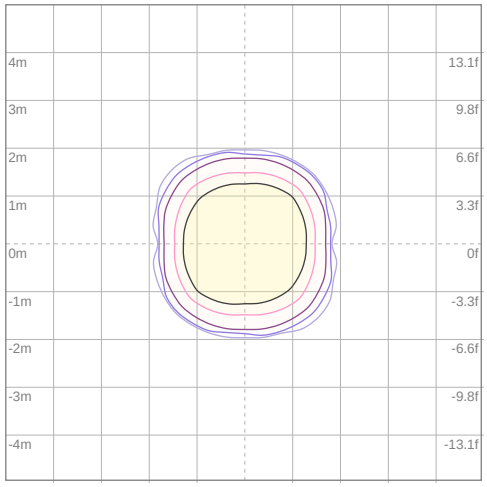
Polar Diagrams



iso-candela Diagram

	10%	907 cd
	20%	1814 cd
	30%	2721 cd
	40%	3629 cd
	50%	4536 cd
	60%	5443 cd
	70%	6350 cd
	80%	7257 cd
	90%	8164 cd

Conditions:
Number of c-planes: 8
Candela at center: 9072 cd



iso-illuminance Diagram

	3%	2.72 lx
	5%	4.54 lx
	10%	9.07 lx
	30%	27.2 lx
	50%	45.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 90.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

Report Summary

Output

Total Lumens: 973 lm
Peak Intensity: 16271 cd
Illuminance @ 5m: 650 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 14.4°
Vertical Beam Angle (50%): 13.8°
Horizontal Field Angle (10%): 19.3°
Vertical Field Angle (10%): 20°
Horizontal Cutoff Angle (3%): 21.1°
Vertical Cutoff Angle (3%): 22.2°

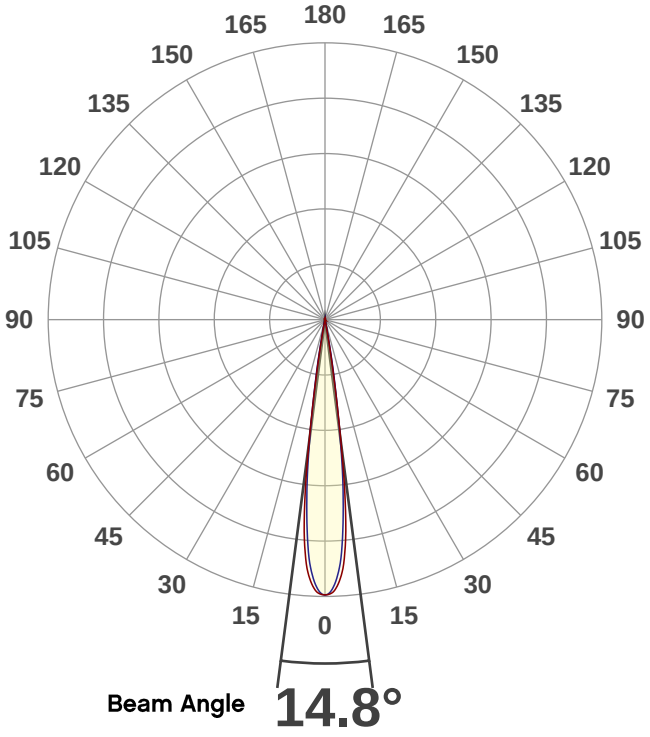
Conditions

AC Supply: 119 V, 60 Hz
Power: 197.56 W
Current: 1.66 A
Power Factor: 0.98

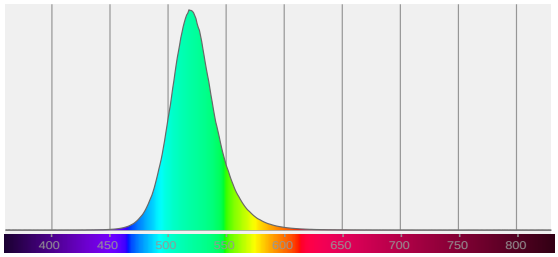
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

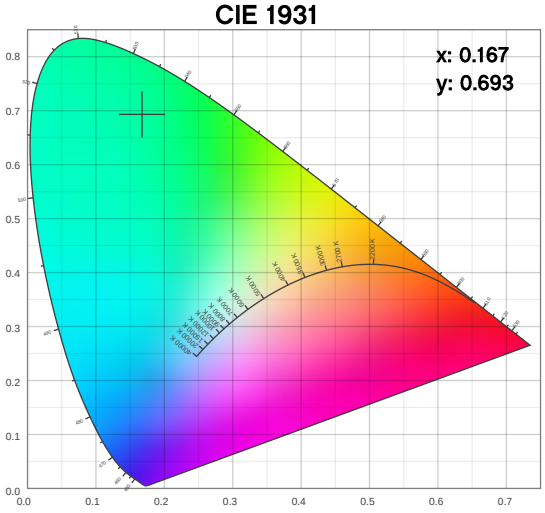
Angular Beam Distribution



Spectral Distribution



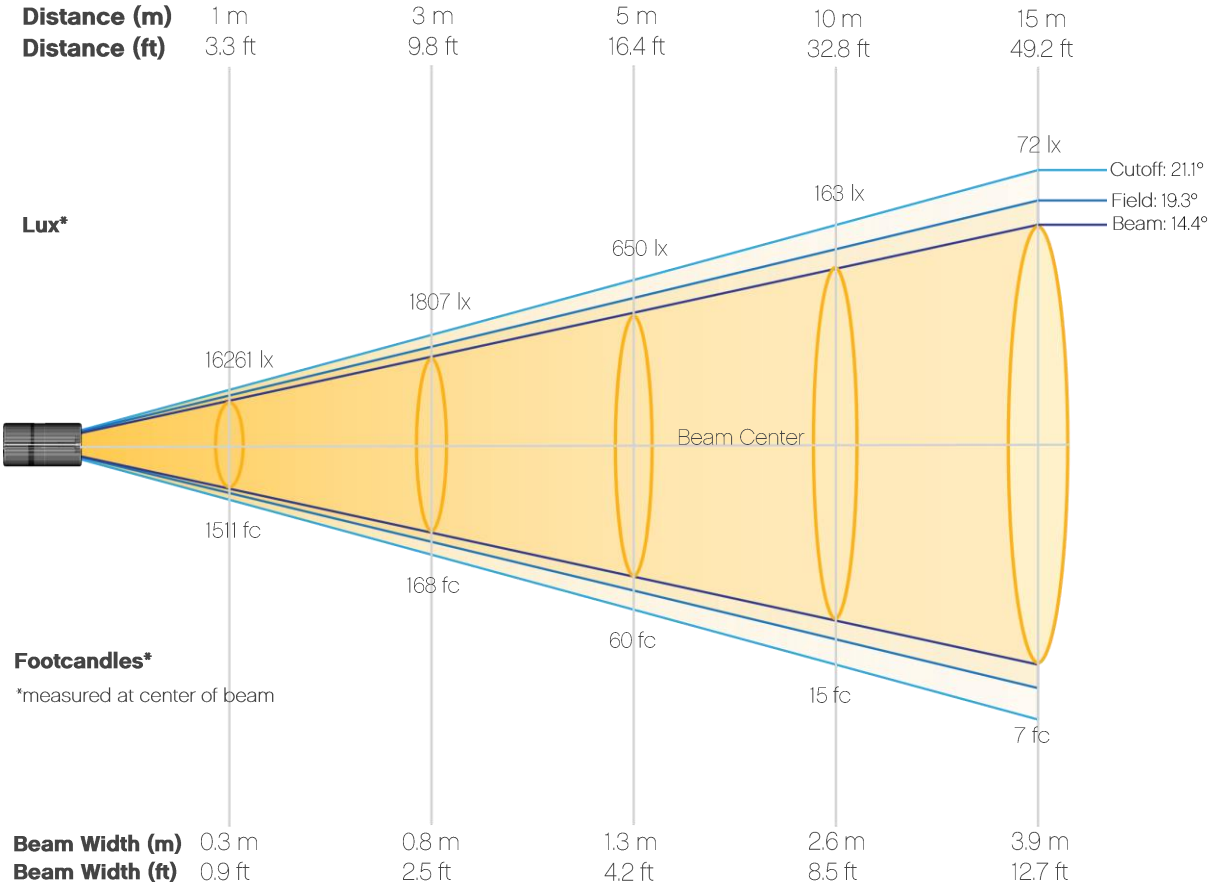
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

Beam Details



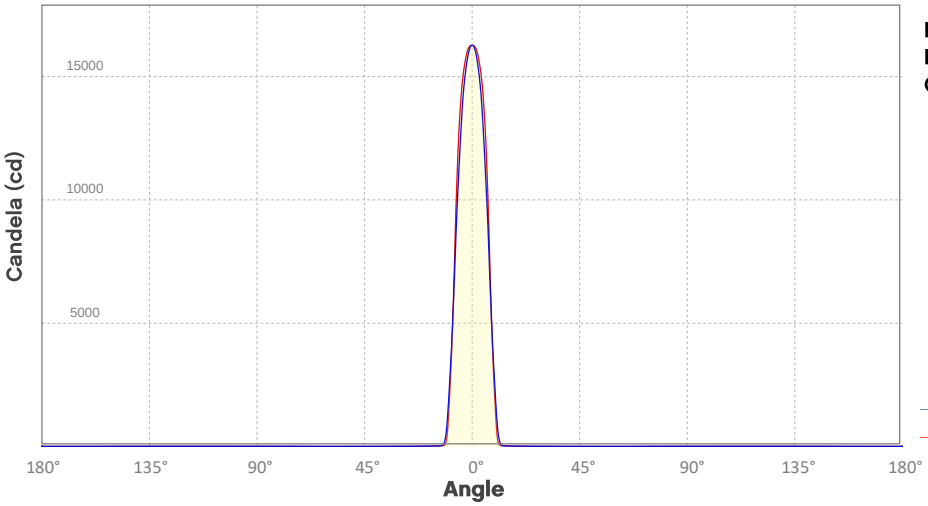
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16261	4065	1807	1016	650	452	332	254	201	163
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	134	113	96	83	72	64	56	50	45	41
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1511	378	168	94	60	42	31	24	19	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	8	7	6	5	5	4	4

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

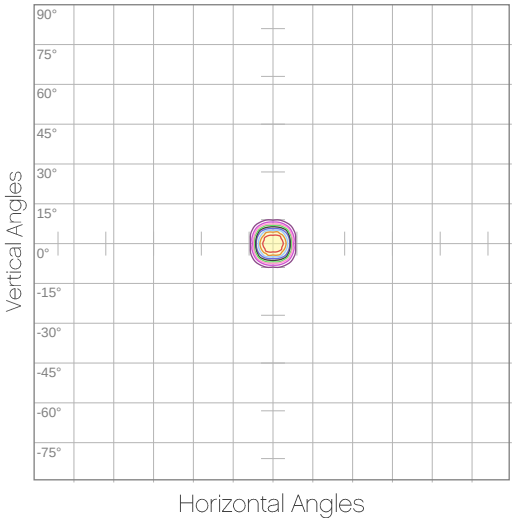
Candela Plot



Beam Angle (50%): 14.8°
Field Angle (10%): 20.6°
Cutoff Angle (3%): 22.9°

Horizontal Distribution
Vertical Distribution

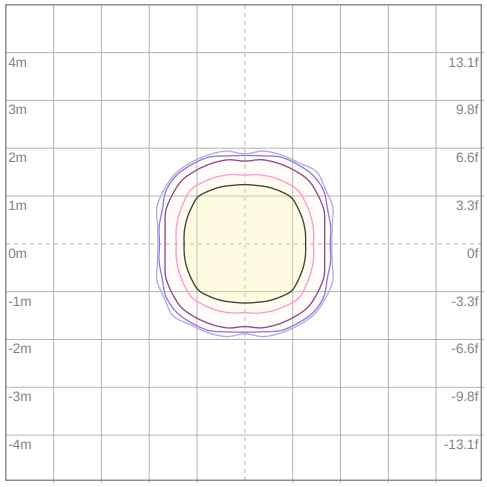
Polar Diagrams



iso-candela Diagram

10%	1626 cd
20%	3252 cd
30%	4878 cd
40%	6504 cd
50%	8131 cd
60%	9757 cd
70%	11383 cd
80%	13009 cd
90%	14635 cd

Conditions:
Number of c-planes: 8
Candela at center: 16261 cd



iso-illuminance Diagram

3%	4.88 lx
5%	8.13 lx
10%	16.3 lx
30%	48.8 lx
50%	81.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 163 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

Report Summary

Output

Total Lumens: 955 lm
Peak Intensity: 16260 cd
Illuminance @ 5m: 650 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 14.3°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 19.1°
Vertical Field Angle (10%): 20.1°
Horizontal Cutoff Angle (3%): 21°
Vertical Cutoff Angle (3%): 22.3°

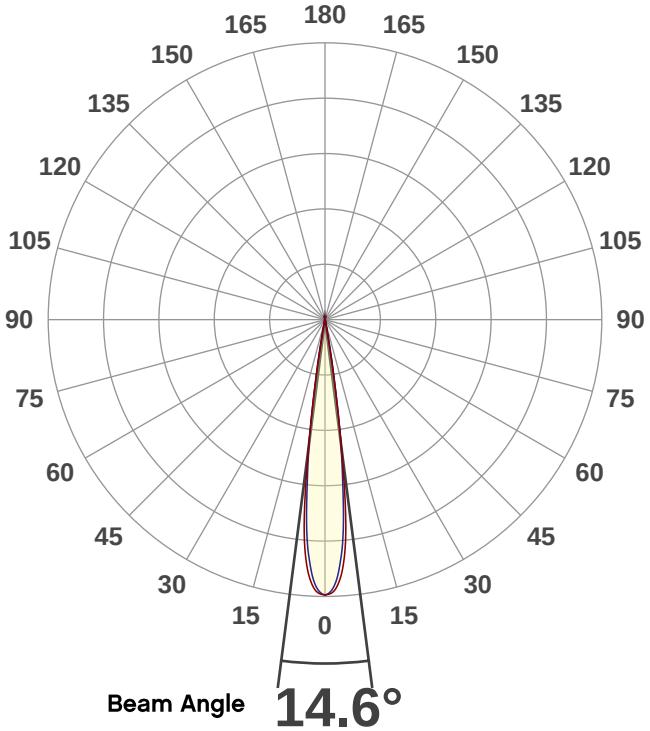
Conditions

AC Supply: 121 V, 60.1 Hz
Power: 199.84 W
Current: 1.66 A
Power Factor: 0.98

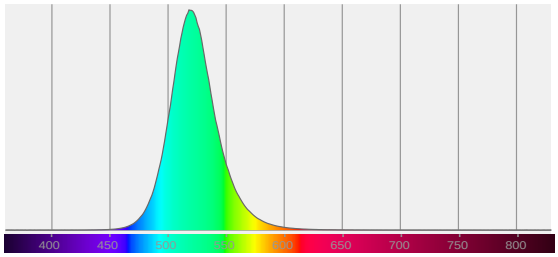
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

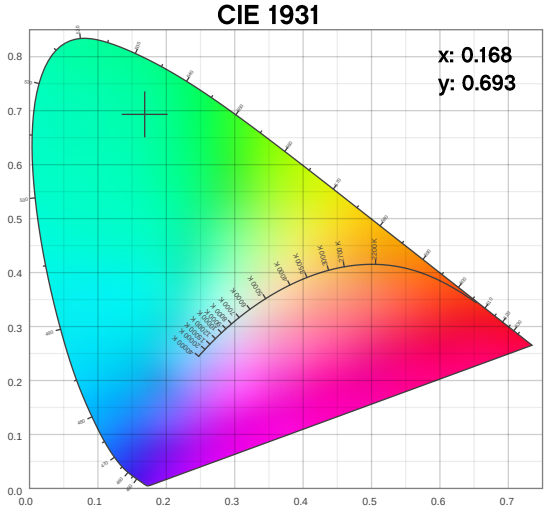
Angular Beam Distribution



Spectral Distribution



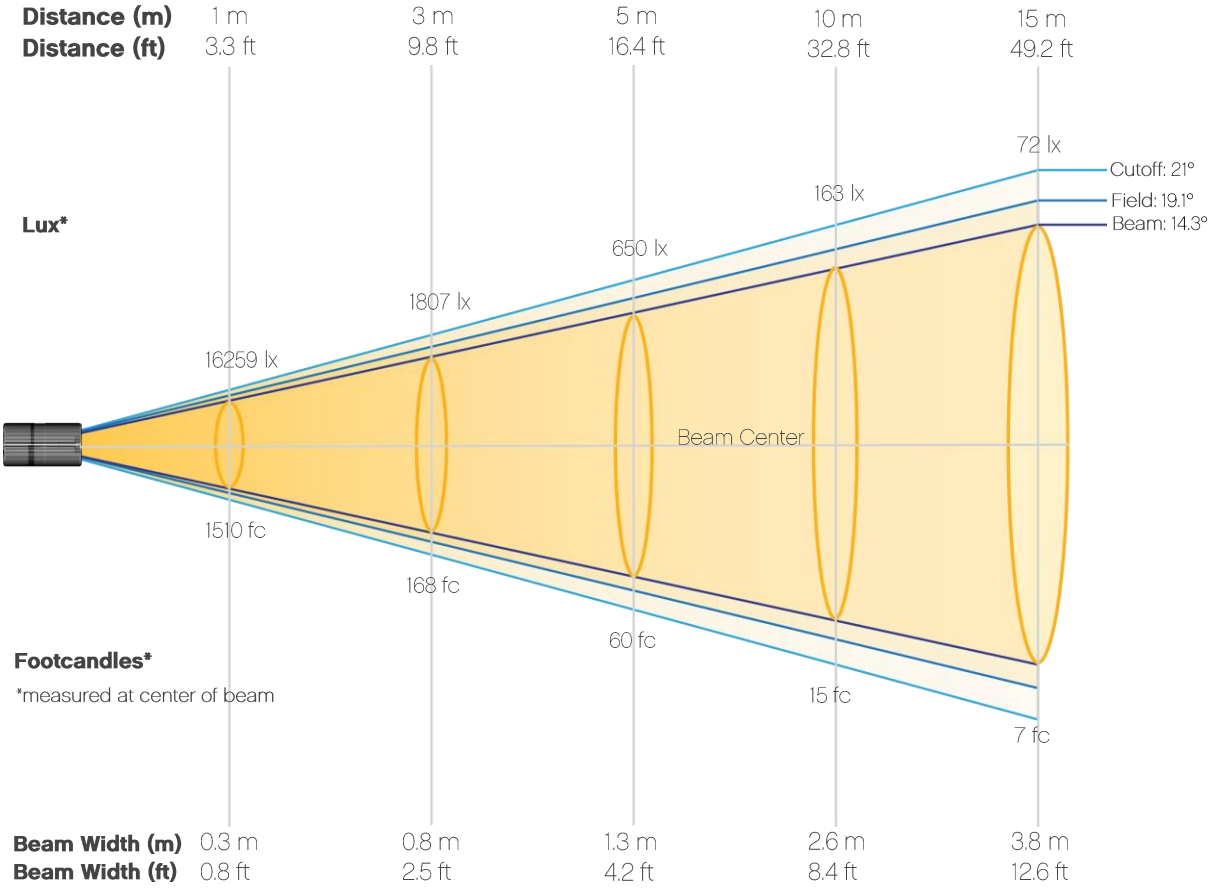
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

Beam Details



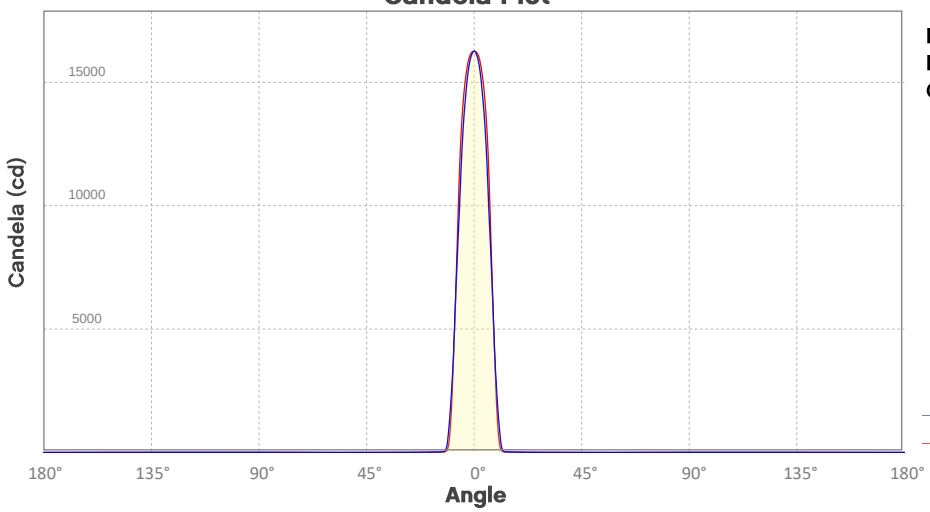
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16259	4065	1807	1016	650	452	332	254	201	163
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	134	113	96	83	72	64	56	50	45	41
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1510	378	168	94	60	42	31	24	19	15
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	12	10	9	8	7	6	5	5	4	4

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

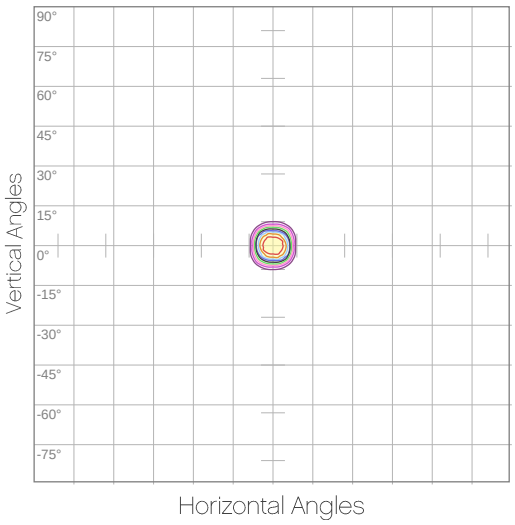
Candela Plot



Beam Angle (50%): 14.6°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 22.9°

Horizontal Distribution
Vertical Distribution

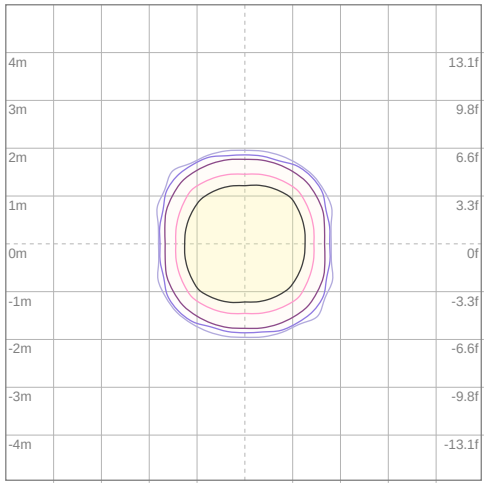
Polar Diagrams



iso-candela Diagram

10%	1626 cd
20%	3252 cd
30%	4878 cd
40%	6503 cd
50%	8129 cd
60%	9755 cd
70%	11381 cd
80%	13007 cd
90%	14633 cd

Conditions:
Number of c-planes: 8
Candela at center: 16259 cd



iso-illuminance Diagram

3%	4.88 lx
5%	8.13 lx
10%	16.3 lx
30%	48.8 lx
50%	81.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 163 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

Report Summary

Output

Total Lumens: 317 lm
Peak Intensity: 5002 cd
Illuminance @ 5m: 200 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.5°
Horizontal Field Angle (10%): 18.9°
Vertical Field Angle (10%): 19.7°
Horizontal Cutoff Angle (3%): 20.6°
Vertical Cutoff Angle (3%): 21.9°

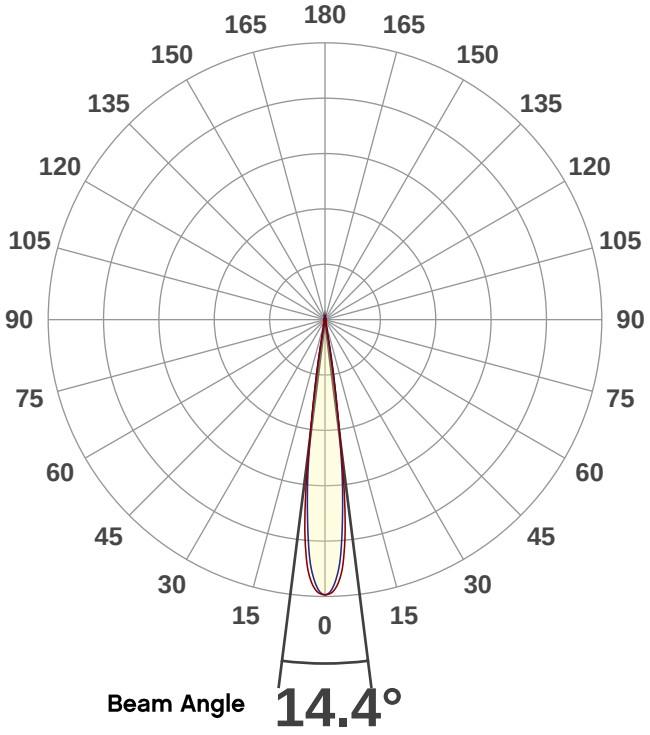
Conditions

AC Supply: 121 V, 60 Hz
Power: 180.75 W
Current: 1.49 A
Power Factor: 0.98

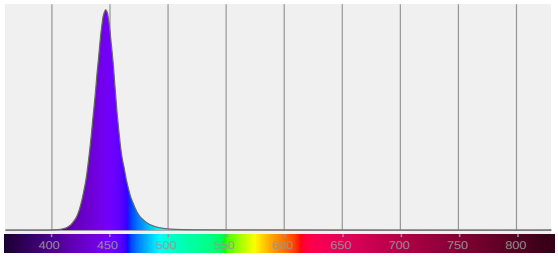
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

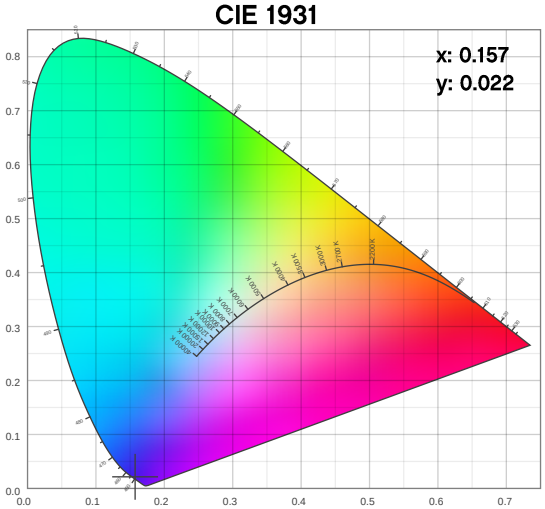
Angular Beam Distribution



Spectral Distribution



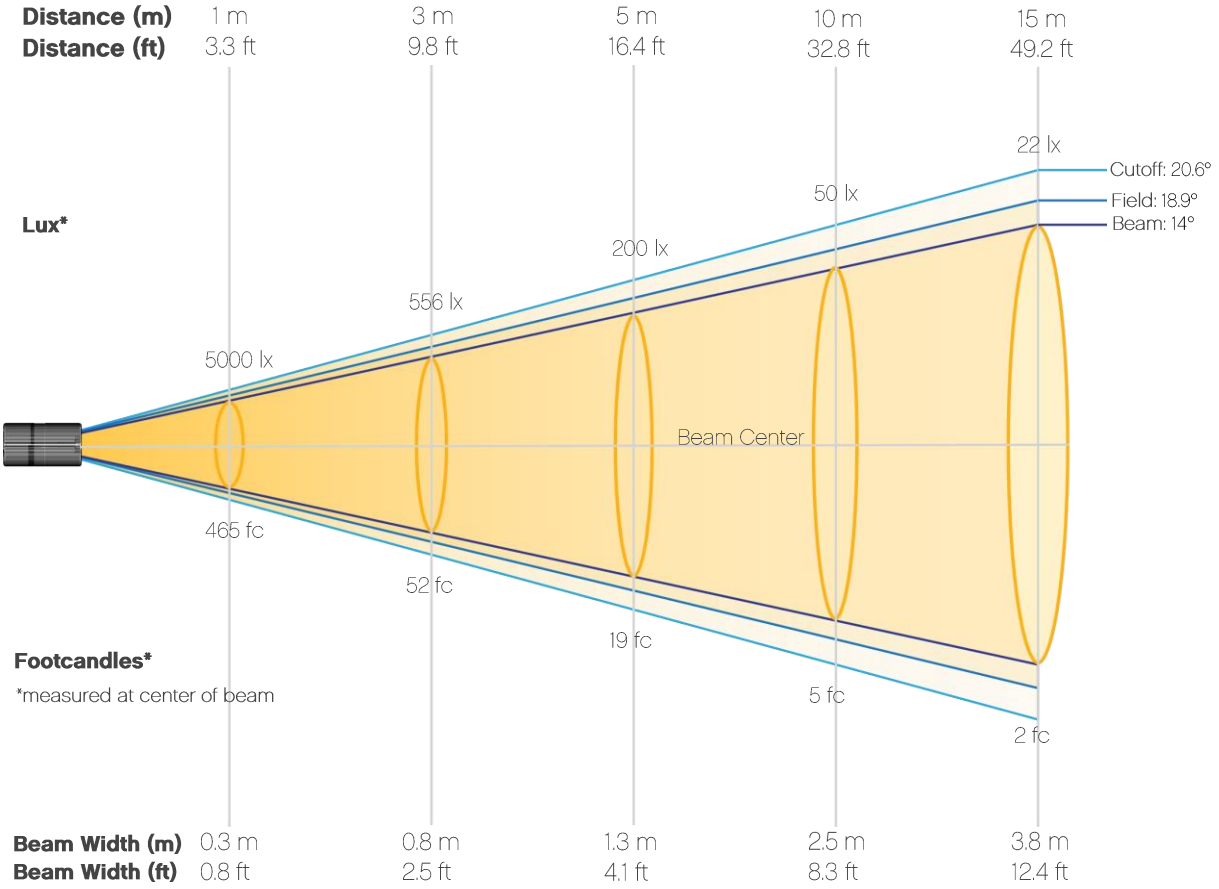
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

Beam Details



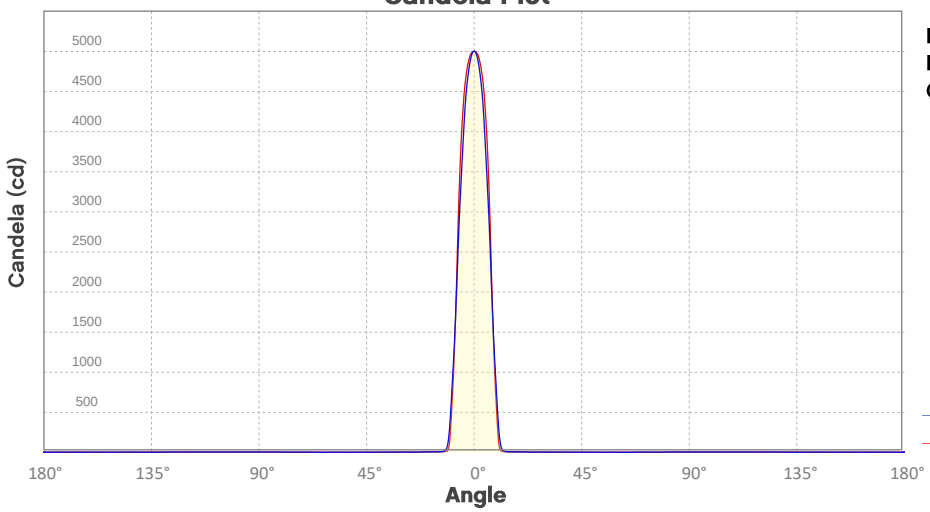
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5000	1250	556	313	200	139	102	78	62	50
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	41	35	30	26	22	20	17	15	14	13
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	465	116	52	29	19	13	9	7	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	2	1	1	1

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

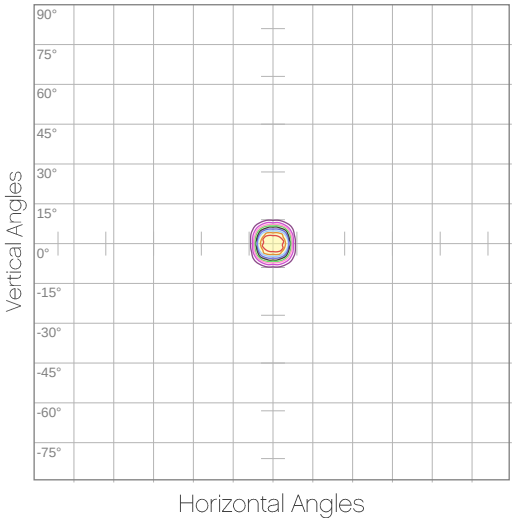
Candela Plot



Beam Angle (50%): 14.4°
Field Angle (10%): 20.2°
Cutoff Angle (3%): 22.5°

Horizontal Distribution
Vertical Distribution

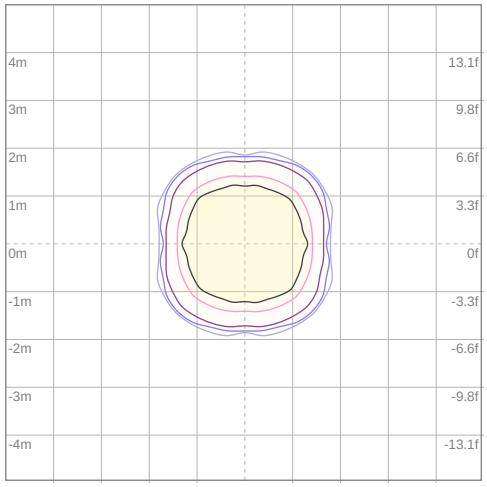
Polar Diagrams



iso-candela Diagram

10%	500 cd
20%	1000 cd
30%	1500 cd
40%	2000 cd
50%	2500 cd
60%	3000 cd
70%	3500 cd
80%	4000 cd
90%	4500 cd

Conditions:
Number of c-planes: 8
Candela at center: 5000 cd



iso-illuminance Diagram

3%	1.50 lx
5%	2.50 lx
10%	5.00 lx
30%	15.0 lx
50%	25.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 50.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

Report Summary

Output

Total Lumens: 344 lm
Peak Intensity: 5012 cd
Illuminance @ 5m: 200 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.6°
Horizontal Field Angle (10%): 18.8°
Vertical Field Angle (10%): 19.8°
Horizontal Cutoff Angle (3%): 20.8°
Vertical Cutoff Angle (3%): 22.1°

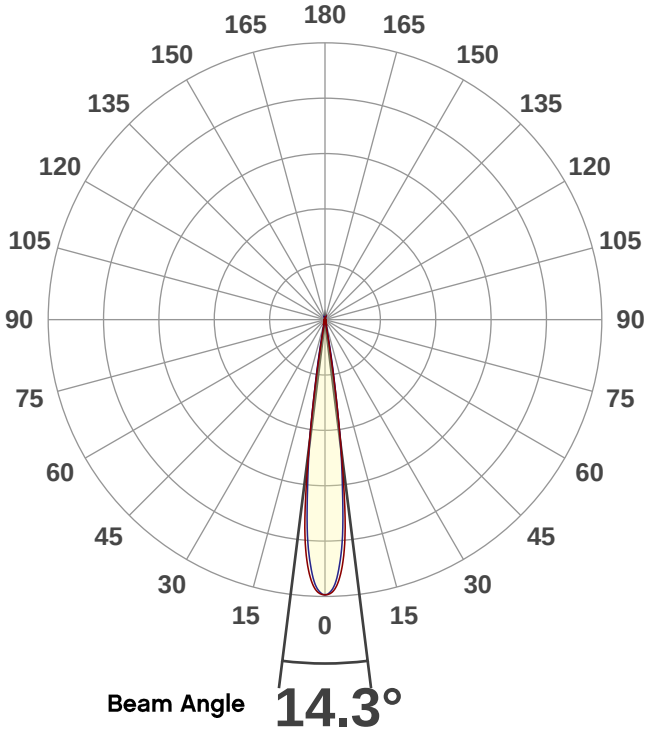
Conditions

AC Supply: 121 V, 60 Hz
Power: 183.45 W
Current: 1.52 A
Power Factor: 0.98

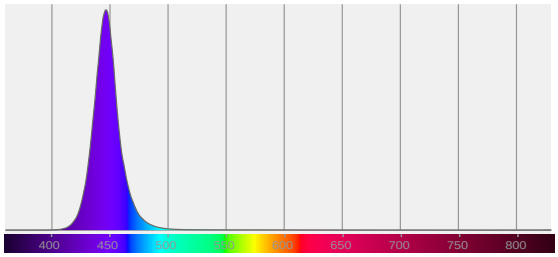
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

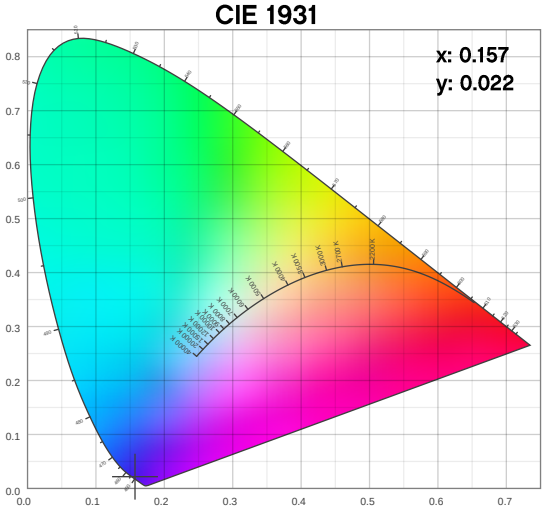
Angular Beam Distribution



Spectral Distribution



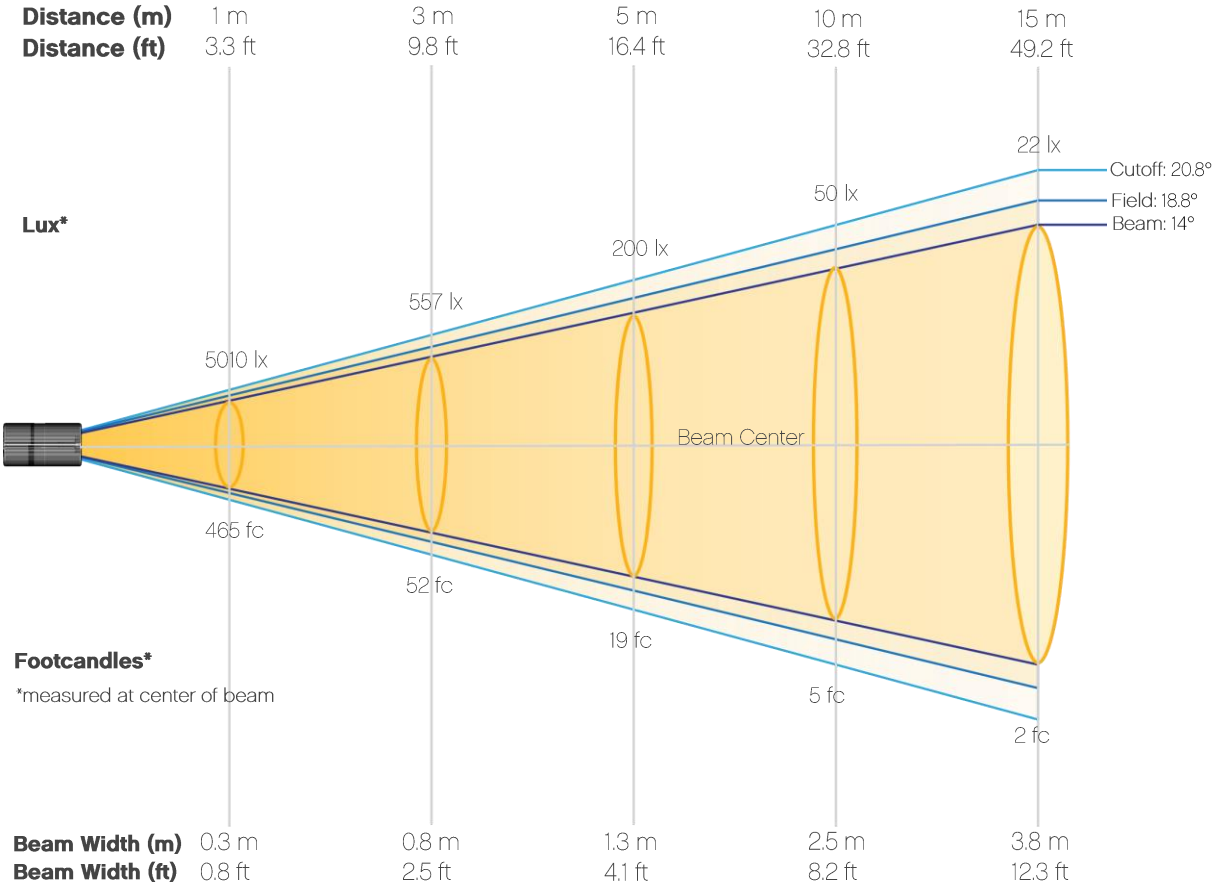
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

Beam Details



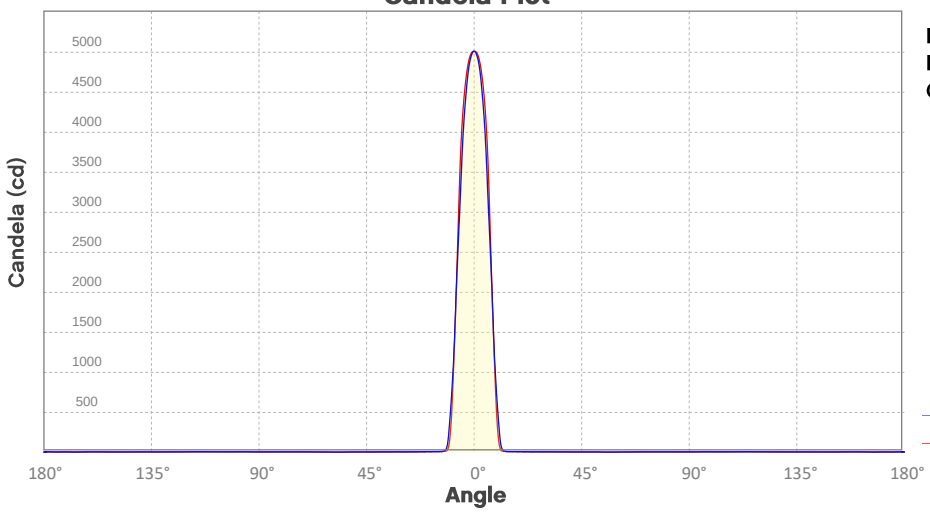
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5010	1252	557	313	200	139	102	78	62	50
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	41	35	30	26	22	20	17	15	14	13
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	465	116	52	29	19	13	9	7	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	2	1	1	1

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

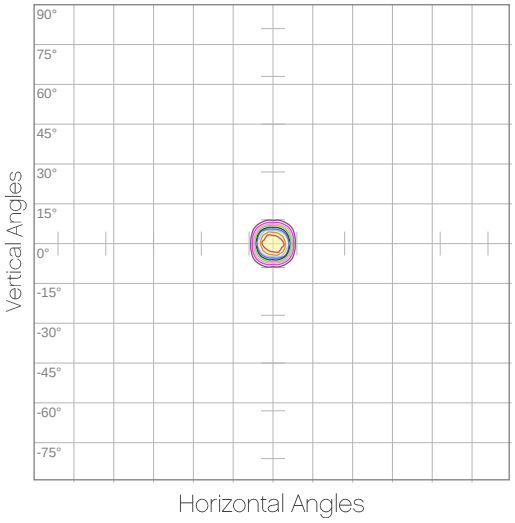
Candela Plot



Beam Angle (50%): 14.3°
Field Angle (10%): 20°
Cutoff Angle (3%): 22.6°

Horizontal Distribution
Vertical Distribution

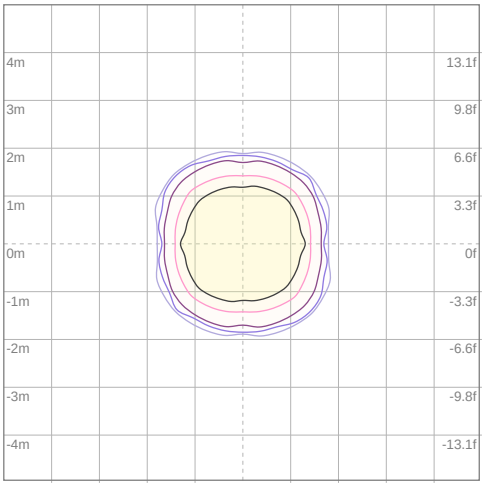
Polar Diagrams



iso-candela Diagram

10%	501 cd
20%	1002 cd
30%	1503 cd
40%	2004 cd
50%	2505 cd
60%	3006 cd
70%	3507 cd
80%	4008 cd
90%	4509 cd

Conditions:
Number of c-planes: 8
Candela at center: 5010 cd



iso-illuminance Diagram

3%	1.50 lx
5%	2.50 lx
10%	5.01 lx
30%	15.0 lx
50%	25.0 lx

Conditions:
Number of c-planes: 8
Lux at center: 50.1 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

Report Summary

Output

Total Lumens: 1537 lm
Peak Intensity: 24448 cd
Illuminance @ 5m: 978 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 14.8°
Vertical Beam Angle (50%): 14.3°
Horizontal Field Angle (10%): 19.3°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 21.3°
Vertical Cutoff Angle (3%): 22.4°

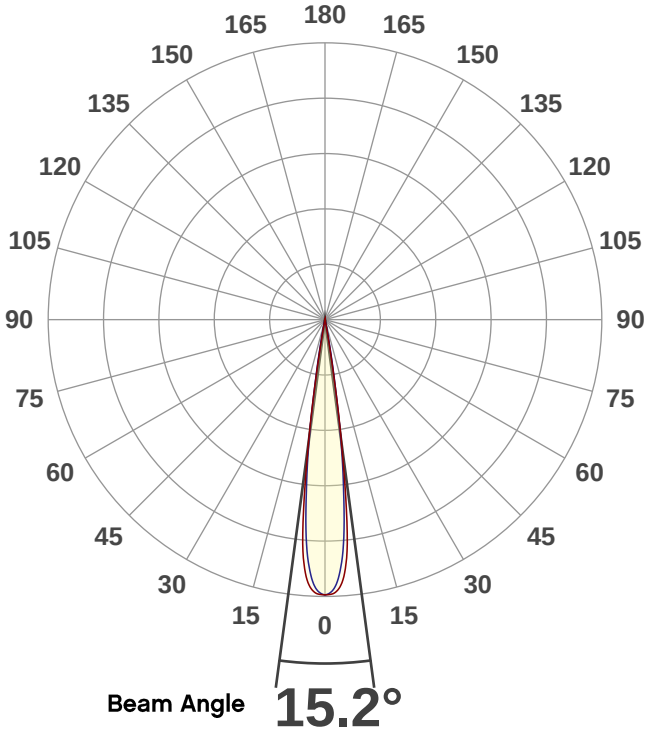
Conditions

AC Supply: 121 V, 60 Hz
Power: 182.27 W
Current: 1.51 A
Power Factor: 0.98

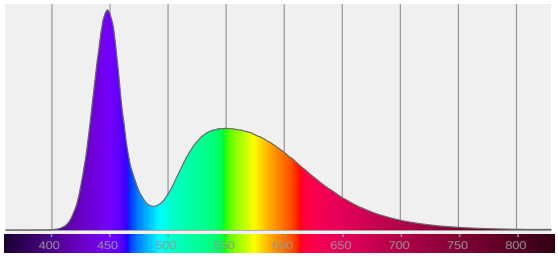
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

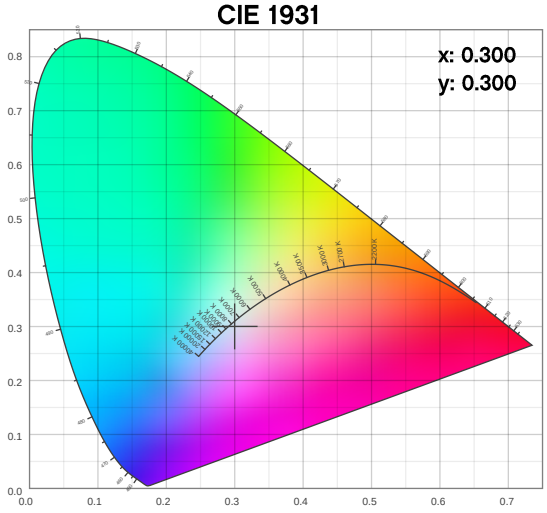
Angular Beam Distribution



Spectral Distribution



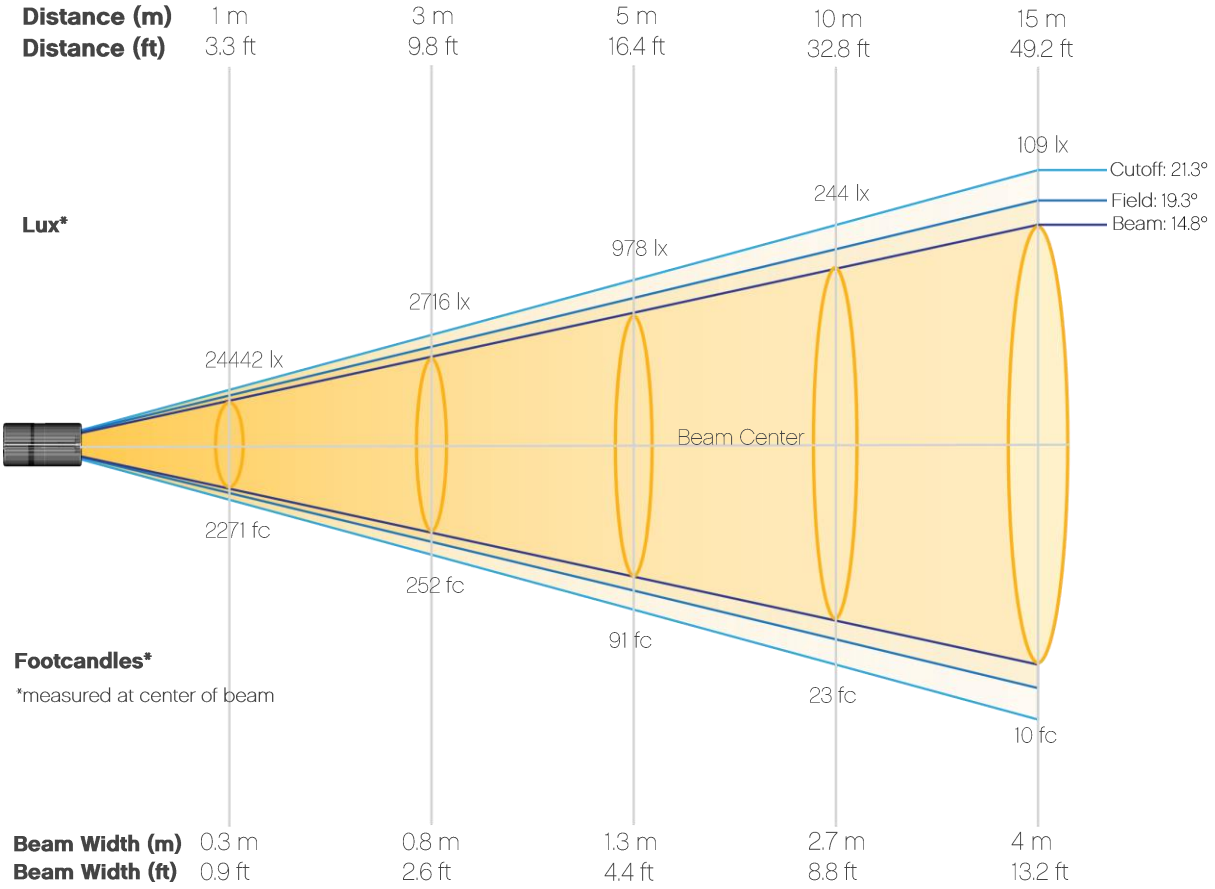
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

Beam Details



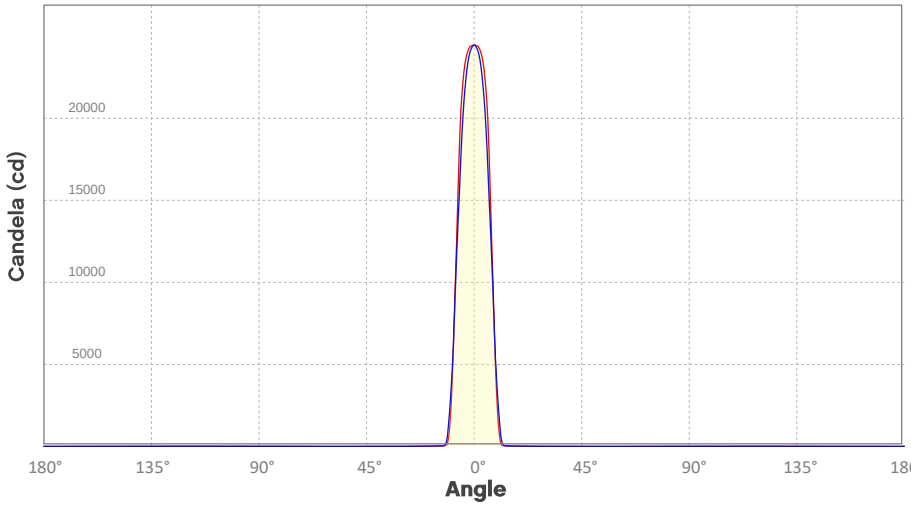
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	24442	6110	2716	1528	978	679	499	382	302	244
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	202	170	145	125	109	95	85	75	68	61
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2271	568	252	142	91	63	46	35	28	23
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	19	16	13	12	10	9	8	7	6	6

Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

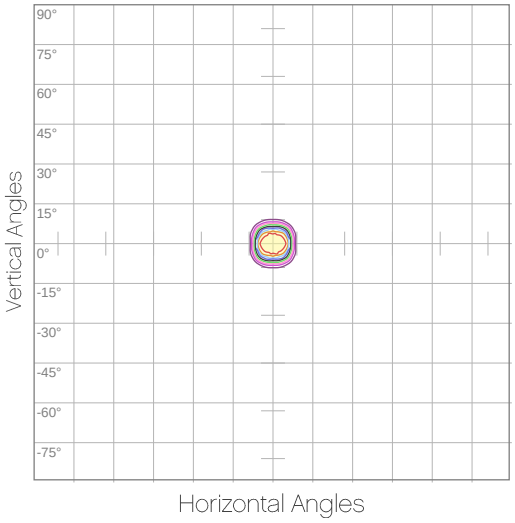
Candela Plot



Beam Angle (50%): 15.2°
Field Angle (10%): 20.8°
Cutoff Angle (3%): 23.2°

Horizontal Distribution
Vertical Distribution

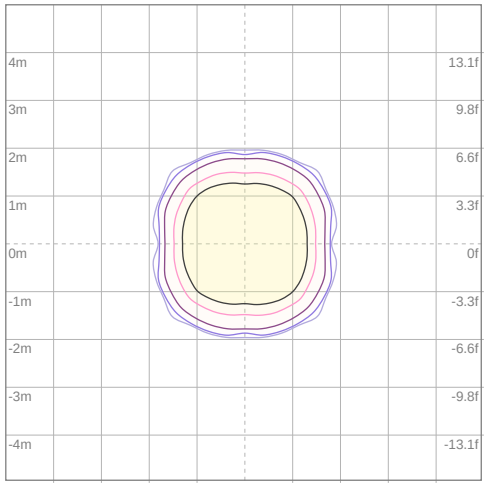
Polar Diagrams



iso-candela Diagram

	10%	2444 cd
	20%	4888 cd
	30%	7333 cd
	40%	9777 cd
	50%	12221 cd
	60%	14665 cd
	70%	17109 cd
	80%	19554 cd
	90%	21998 cd

Conditions:
Number of c-planes: 8
Candela at center: 24442 cd



iso-illuminance Diagram

	3%	7.33 lx
	5%	12.2 lx
	10%	24.4 lx
	30%	73.3 lx
	50%	122 lx

Conditions:
Number of c-planes: 8
Lux at center: 244 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

Report Summary

Output

Total Lumens: 1510 lm
Peak Intensity: 24171 cd
Illuminance @ 5m: 967 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 14.8°
Vertical Beam Angle (50%): 14.3°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 21.2°
Vertical Cutoff Angle (3%): 22.5°

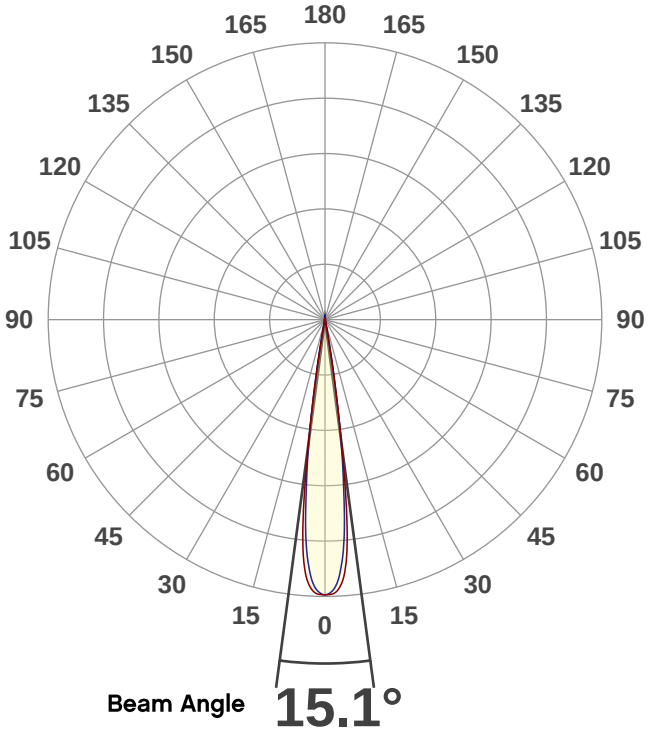
Conditions

AC Supply: 120 V, 60 Hz
Power: 185.01 W
Current: 1.54 A
Power Factor: 0.98

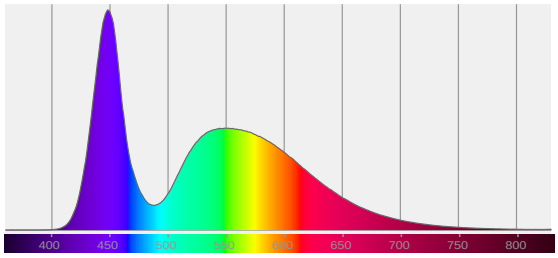
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/23/2021 to LM-63-2002 Standards.

Overall Measurement

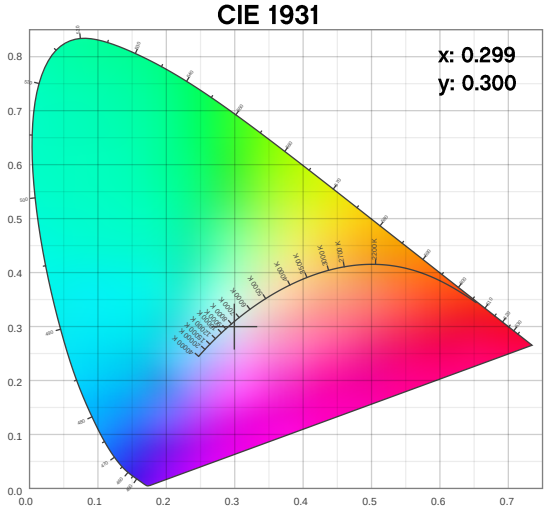
Angular Beam Distribution



Spectral Distribution



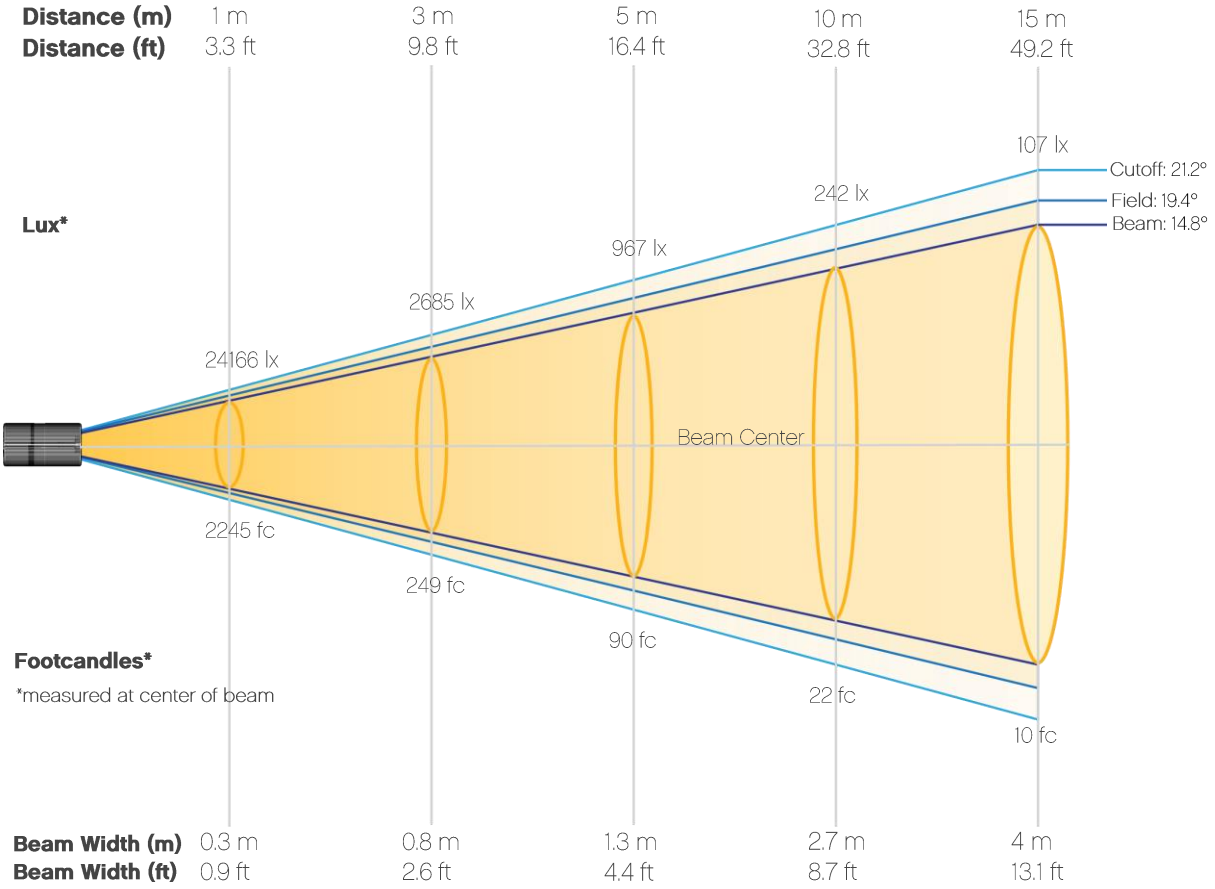
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

Beam Details



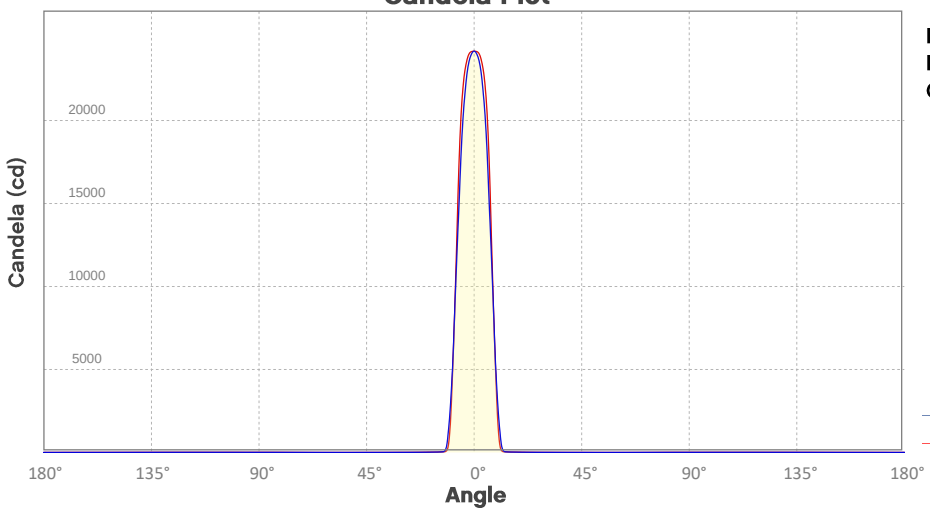
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	24166	6042	2685	1510	967	671	493	378	298	242
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	200	168	143	123	107	94	84	75	67	60
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2245	561	249	140	90	62	46	35	28	22
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	19	16	13	11	10	9	8	7	6	6

Photometric Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

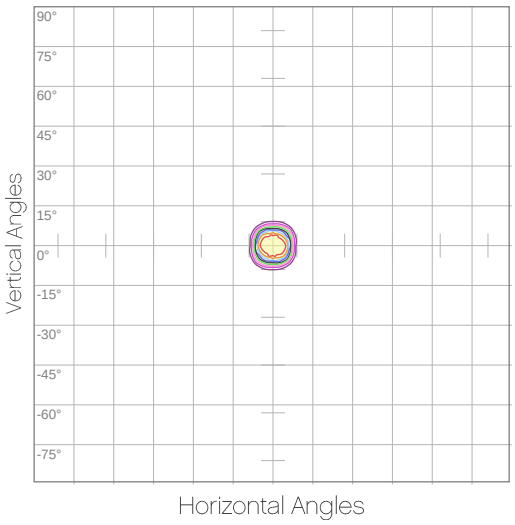
Candela Plot



Beam Angle (50%): 15.1°
Field Angle (10%): 20.7°
Cutoff Angle (3%): 23.2°

Horizontal Distribution
Vertical Distribution

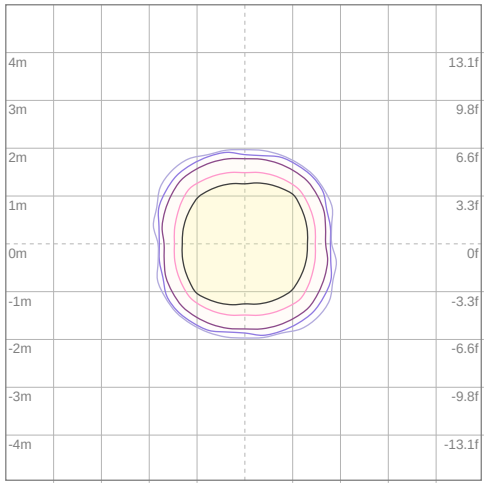
Polar Diagrams



iso-candela Diagram

10%	2417 cd
20%	4833 cd
30%	7250 cd
40%	9667 cd
50%	12083 cd
60%	14500 cd
70%	16916 cd
80%	19333 cd
90%	21750 cd

Conditions:
Number of c-planes: 8
Candela at center: 24166 cd



iso-illuminance Diagram

3%	7.25 lx
5%	12.1 lx
10%	24.2 lx
30%	72.5 lx
50%	121 lx

Conditions:
Number of c-planes: 8
Lux at center: 242 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

Report Summary

Output

Total Lumens: 361 lm
Peak Intensity: 5881 cd
Illuminance @ 5m: 235 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 14.7°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 19.6°
Vertical Field Angle (10%): 18.7°
Horizontal Cutoff Angle (3%): 21.4°
Vertical Cutoff Angle (3%): 20.9°

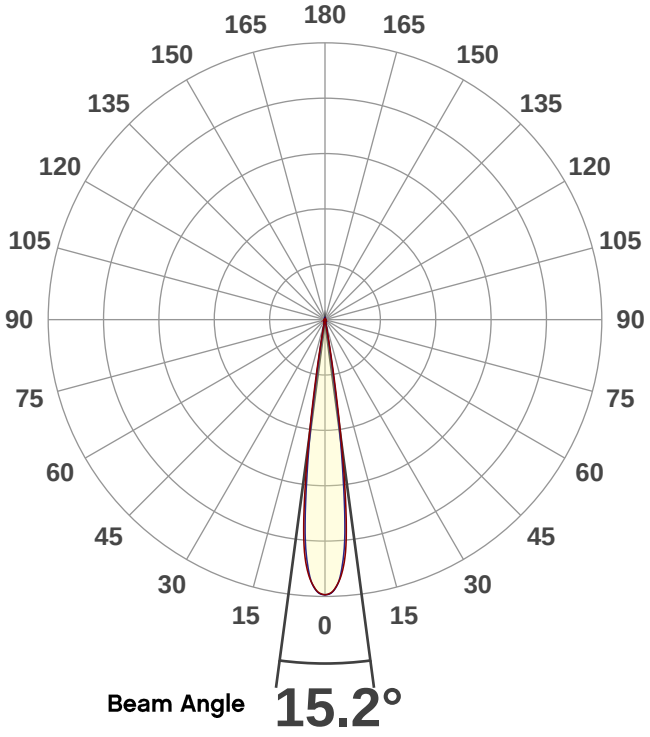
Conditions

AC Supply: 121 V, 60 Hz
Power: 83.63 W
Current: 0.691 A
Power Factor: 0.98

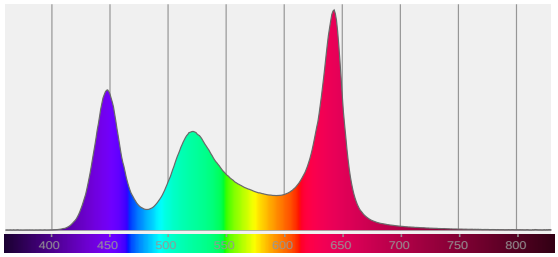
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

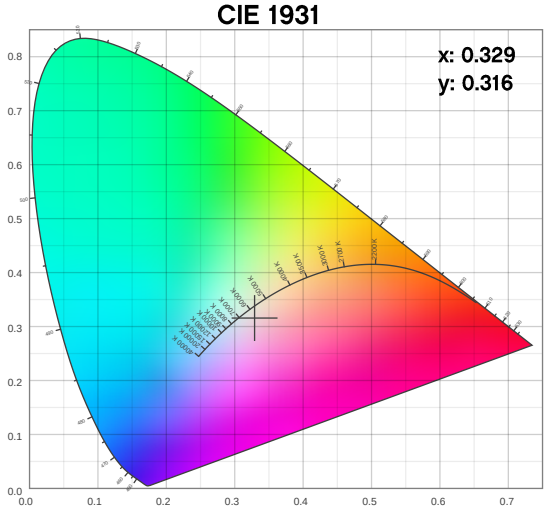
Angular Beam Distribution



Spectral Distribution



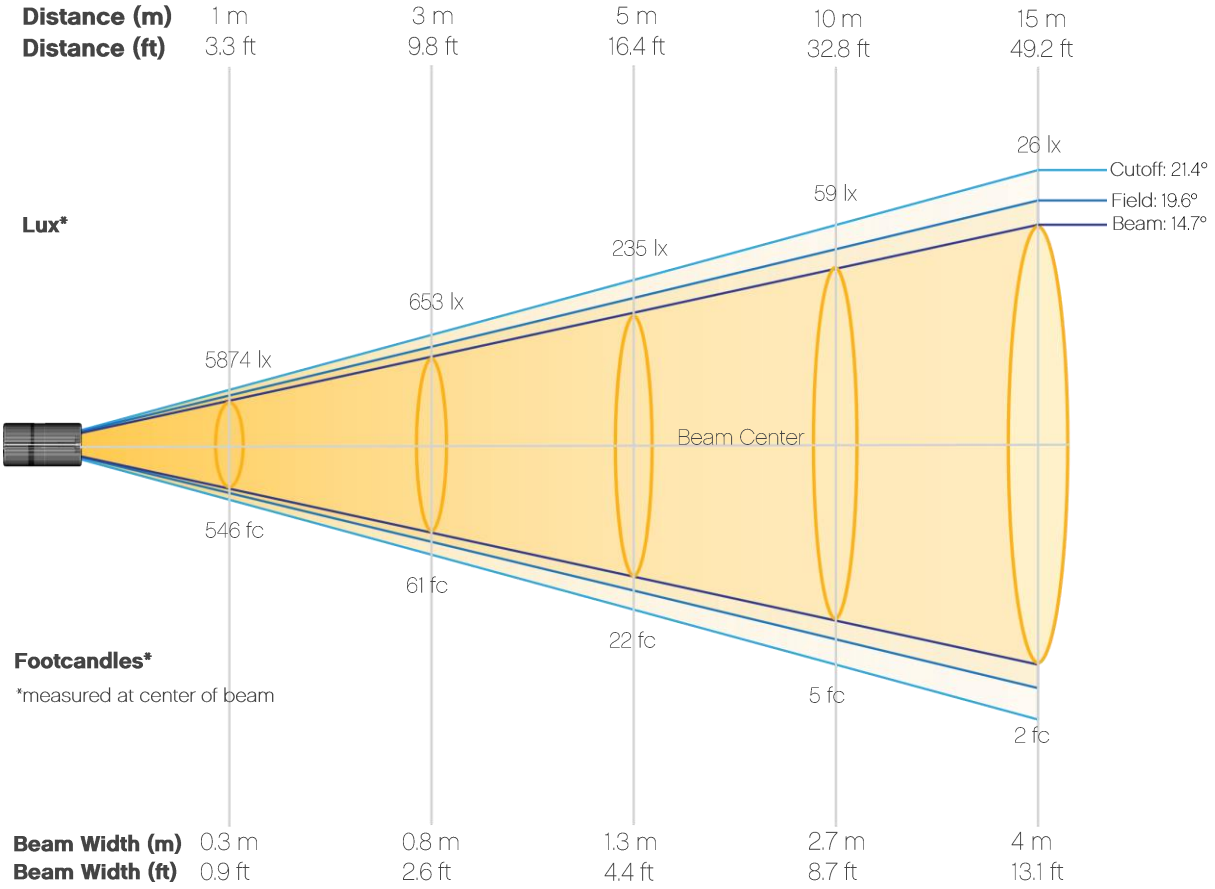
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

Beam Details



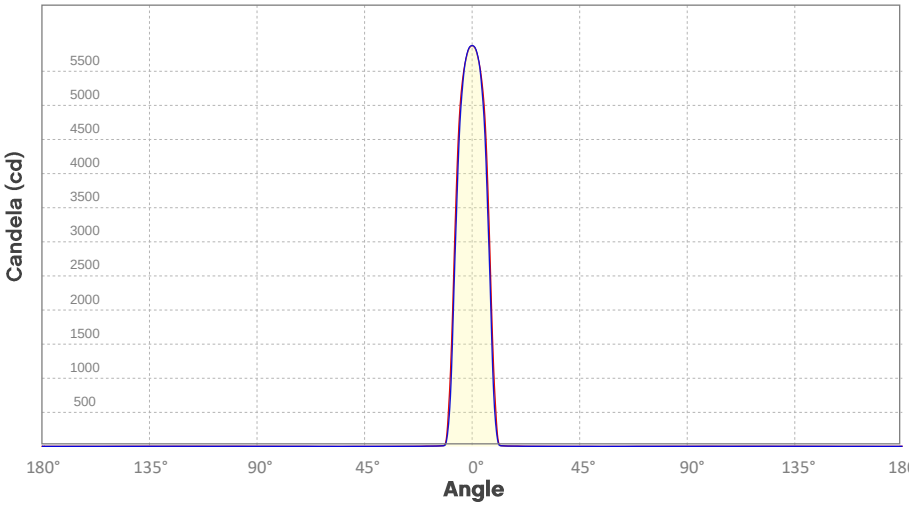
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5874	1469	653	367	235	163	120	92	73	59
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	49	41	35	30	26	23	20	18	16	15
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	546	136	61	34	22	15	11	9	7	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	3	3	2	2	2	2	2	1

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

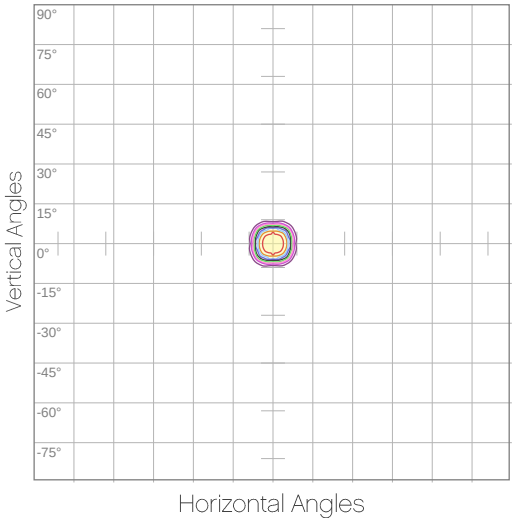
Candela Plot



Beam Angle (50%): 15.2°
Field Angle (10%): 20.3°
Cutoff Angle (3%): 22.4°

Horizontal Distribution
Vertical Distribution

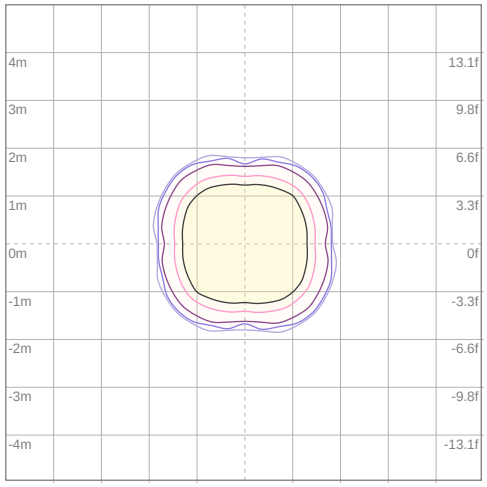
Polar Diagrams



iso-candela Diagram

10%	587 cd
20%	1175 cd
30%	1762 cd
40%	2350 cd
50%	2937 cd
60%	3525 cd
70%	4112 cd
80%	4699 cd
90%	5287 cd

Conditions:
Number of c-planes: 8
Candela at center: 5874 cd



iso-illuminance Diagram

3%	1.76 lx
5%	2.94 lx
10%	5.87 lx
30%	17.6 lx
50%	29.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 58.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

Report Summary

Output

Total Lumens: 361 lm
Peak Intensity: 6502 cd
Illuminance @ 5m: 260 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 14.6°
Vertical Beam Angle (50%): 12.6°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 17.8°
Horizontal Cutoff Angle (3%): 21.1°
Vertical Cutoff Angle (3%): 19.6°

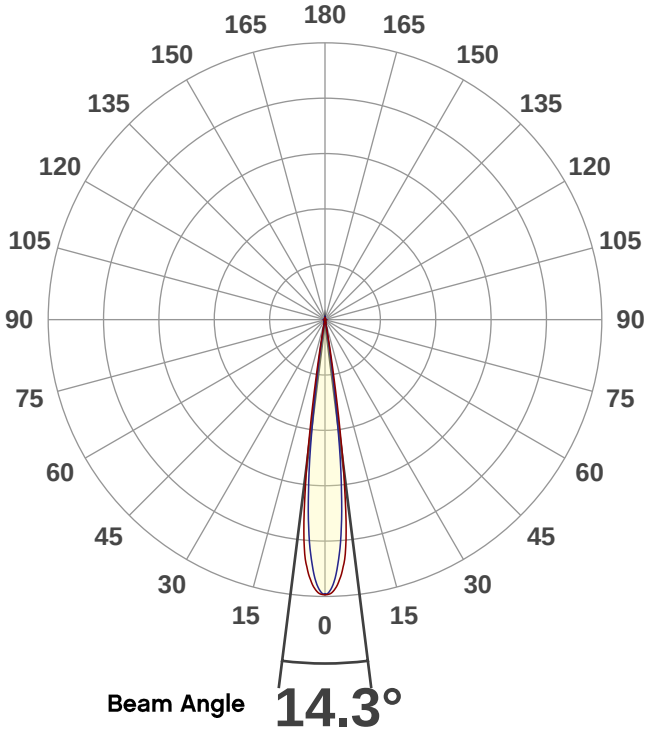
Conditions

AC Supply: 121 V, 60.1 Hz
Power: 92.31 W
Current: 0.764 A
Power Factor: 0.99

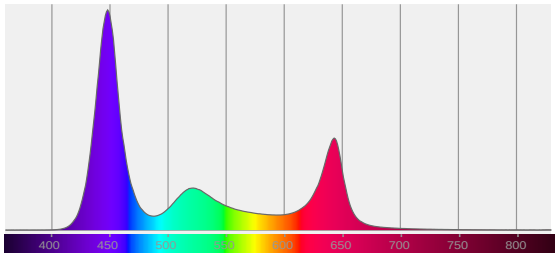
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

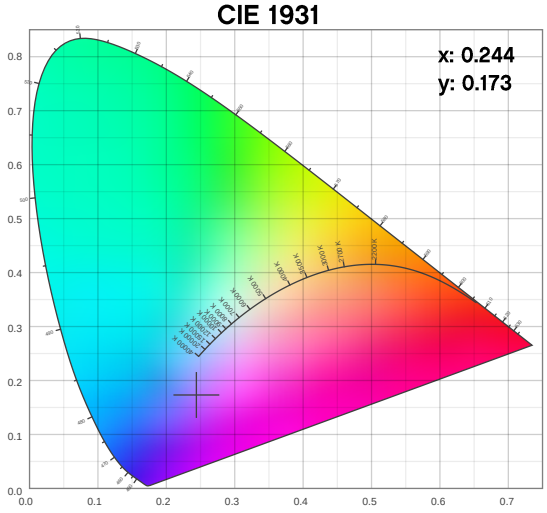
Angular Beam Distribution



Spectral Distribution



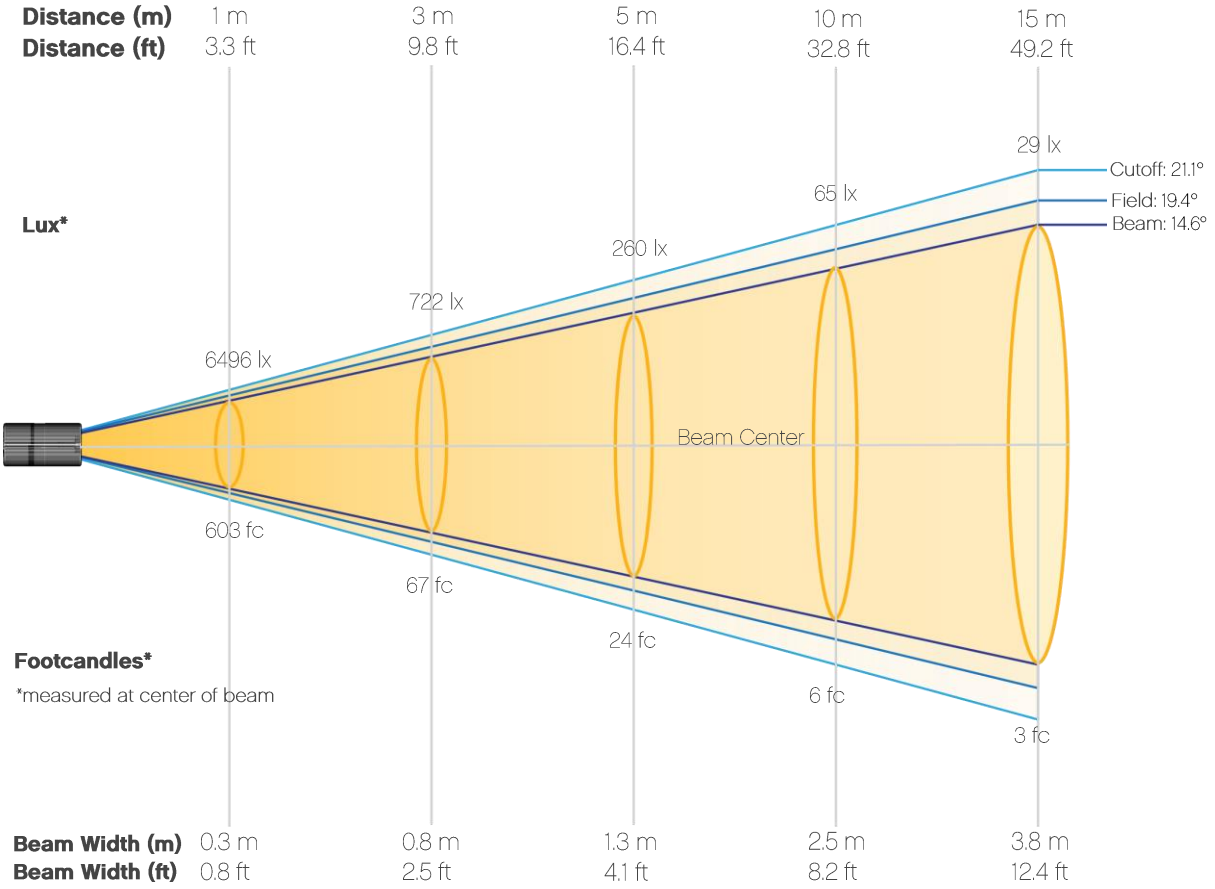
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

Beam Details



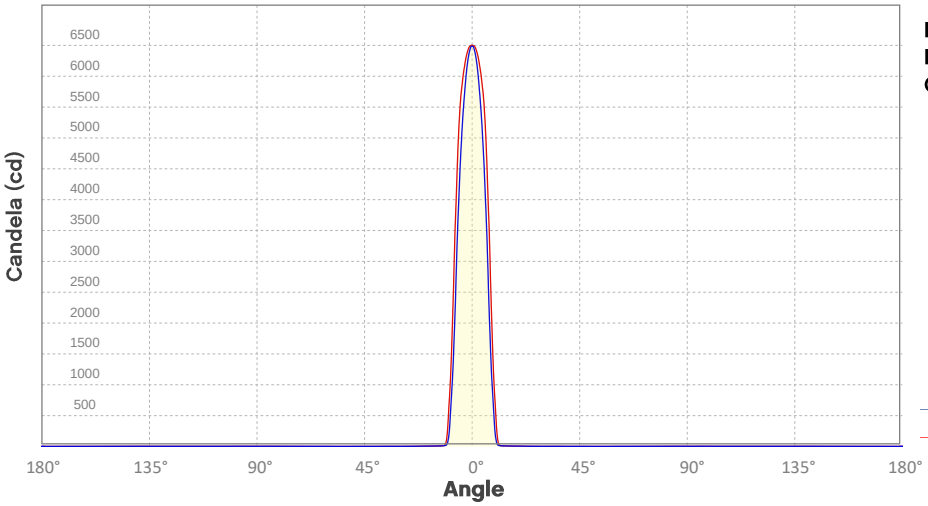
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6496	1624	722	406	260	180	133	101	80	65
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	54	45	38	33	29	25	22	20	18	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	603	151	67	38	24	17	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	4	3	3	2	2	2	2	2

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

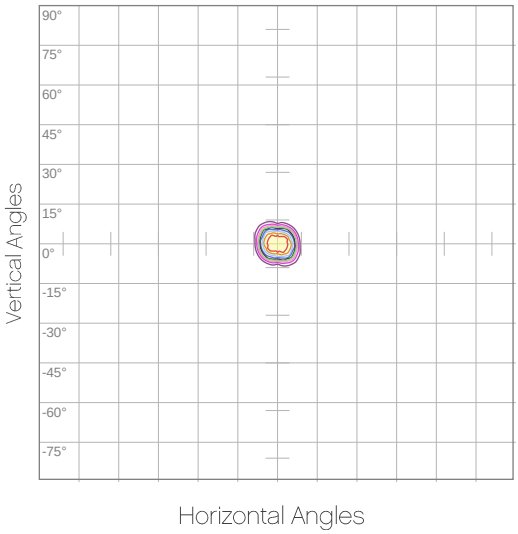
Candela Plot



Beam Angle (50%): 14.3°
Field Angle (10%): 19.7°
Cutoff Angle (3%): 21.7°

Vertical Distribution
Horizontal Distribution

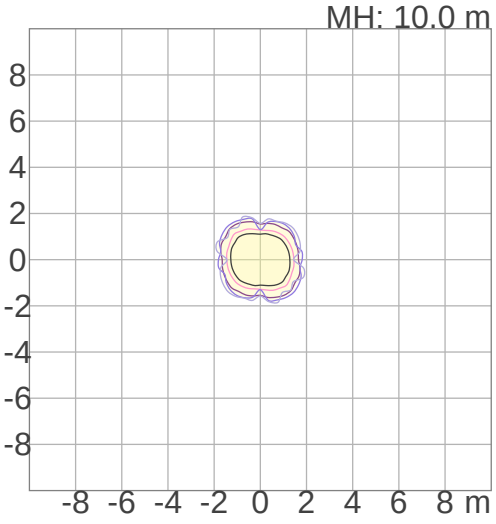
Polar Diagrams



iso-candela Diagram

10%	650 cd
20%	1299 cd
30%	1949 cd
40%	2598 cd
50%	3248 cd
60%	3897 cd
70%	4547 cd
80%	5196 cd
90%	5846 cd

Conditions:
Number of c-planes: 8
Candela at center: 6496 cd



iso-illuminance Diagram

3%	1.95 lx
5%	3.25 lx
10%	6.50 lx
30%	19.5 lx
50%	32.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 65.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

Report Summary

Output

Total Lumens: 84.8 lm
Peak Intensity: 1245 cd
Illuminance @ 5m: 50 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 14.7°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 19.7°
Vertical Field Angle (10%): 18.9°
Horizontal Cutoff Angle (3%): 21.5°
Vertical Cutoff Angle (3%): 21°

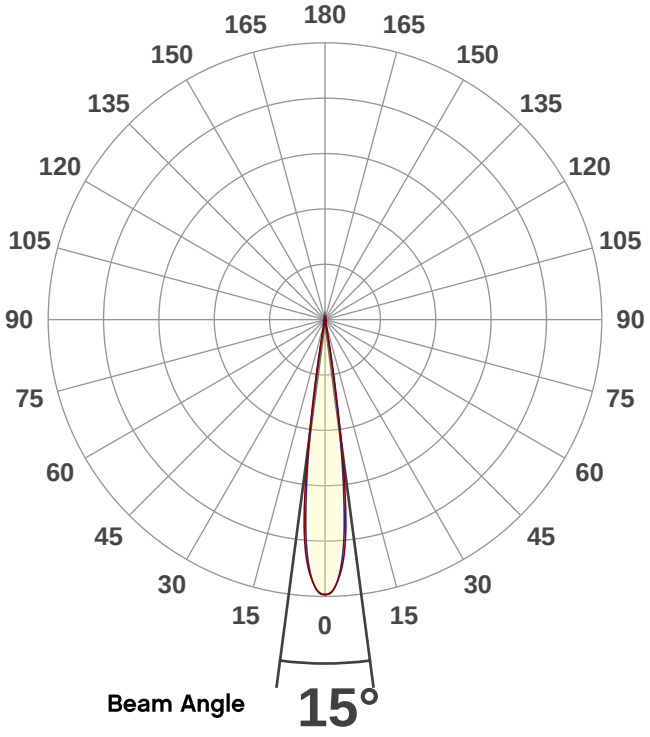
Conditions

AC Supply: 121 V, 60 Hz
Power: 59.09 W
Current: 0.486 A
Power Factor: 0.96

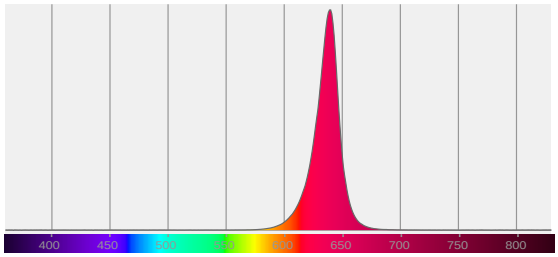
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

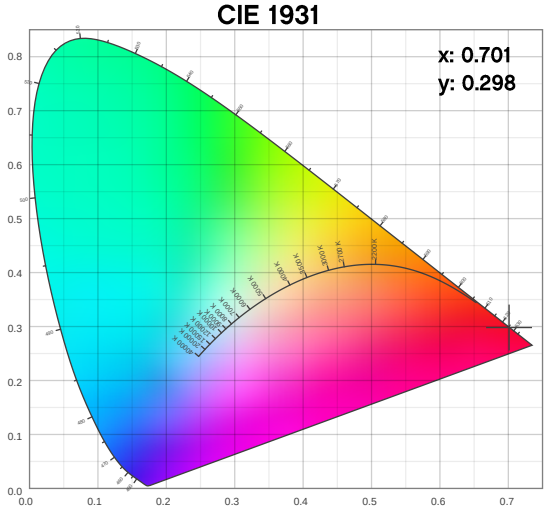
Angular Beam Distribution



Spectral Distribution



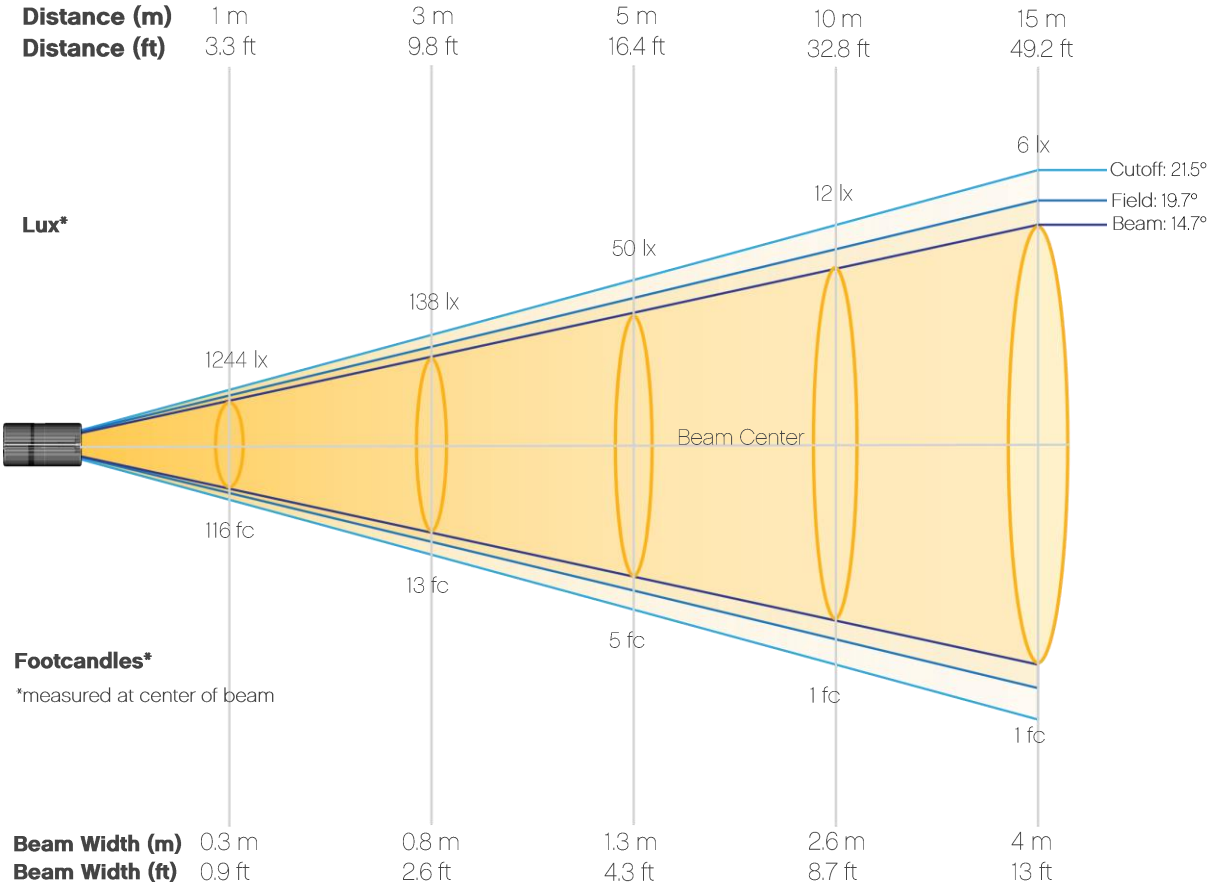
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

Beam Details



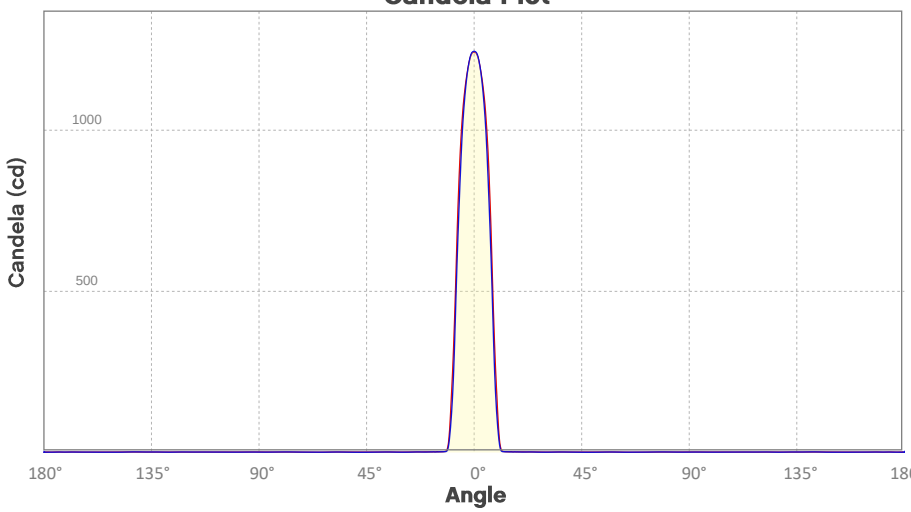
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1244	311	138	78	50	35	25	19	15	12
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	10	9	7	6	6	5	4	4	3	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	116	29	13	7	5	3	2	2	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	0	0	0	0	0

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

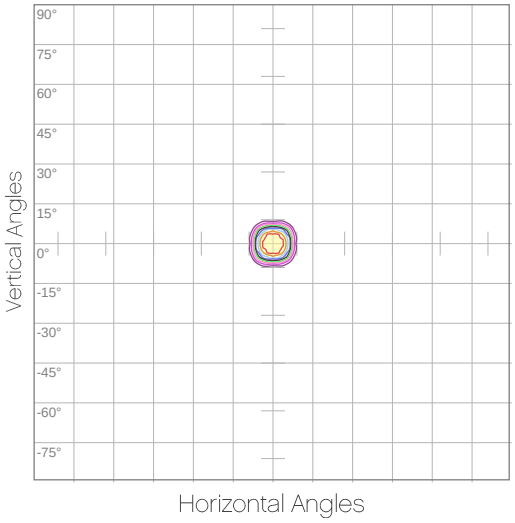
Candela Plot



Beam Angle (50%): 15°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 22.4°

Horizontal Distribution
Vertical Distribution

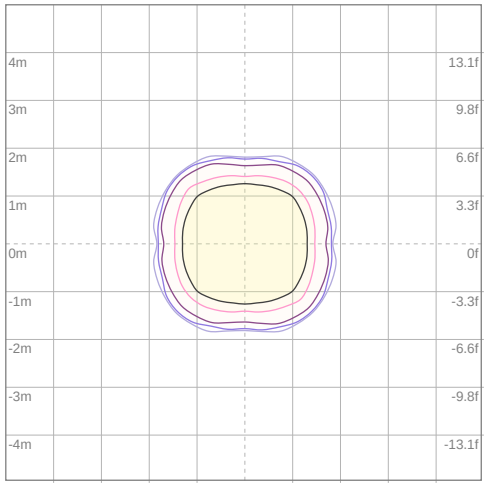
Polar Diagrams



iso-candela Diagram

10%	124 cd
20%	249 cd
30%	373 cd
40%	498 cd
50%	622 cd
60%	746 cd
70%	871 cd
80%	995 cd
90%	1119 cd

Conditions:
Number of c-planes: 8
Candela at center: 1244 cd



iso-illuminance Diagram

3%	0.373 lx
5%	0.622 lx
10%	1.24 lx
30%	3.73 lx
50%	6.22 lx

Conditions:
Number of c-planes: 8
Lux at center: 12.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

Report Summary

Output

Total Lumens: 127 lm
Peak Intensity: 2086 cd
Illuminance @ 5m: 83 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 14.5°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 18.6°
Horizontal Cutoff Angle (3%): 21.2°
Vertical Cutoff Angle (3%): 20.6°

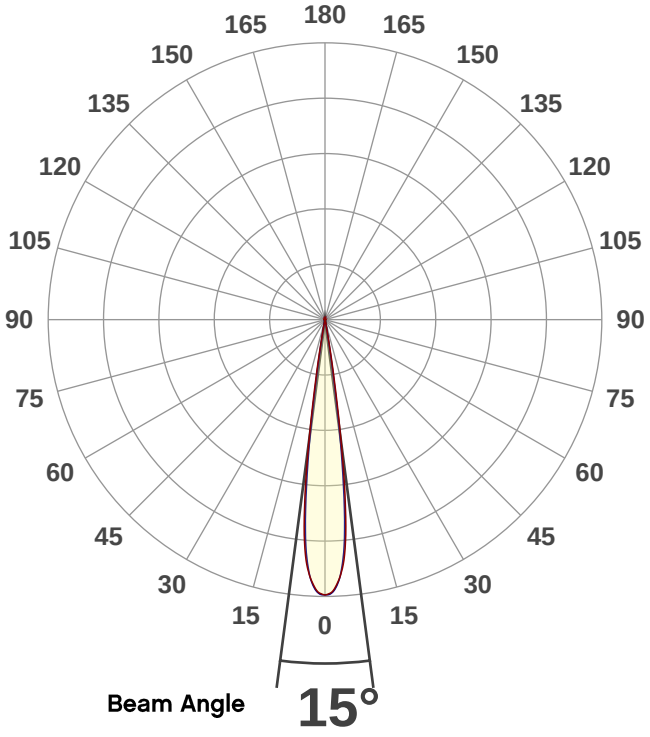
Conditions

AC Supply: 122 V, 60 Hz
Power: 63.78 W
Current: 0.524 A
Power Factor: 0.96

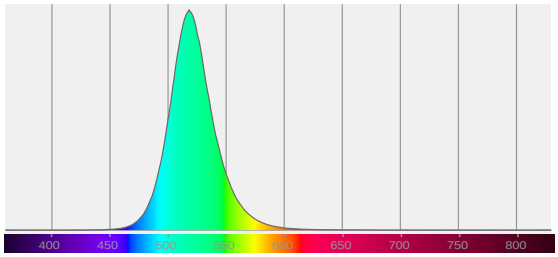
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

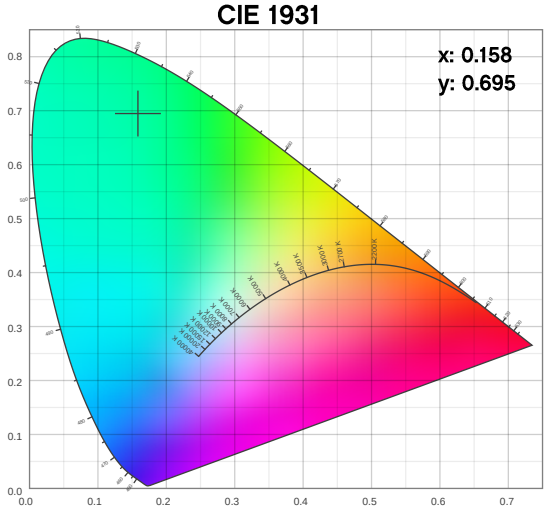
Angular Beam Distribution



Spectral Distribution



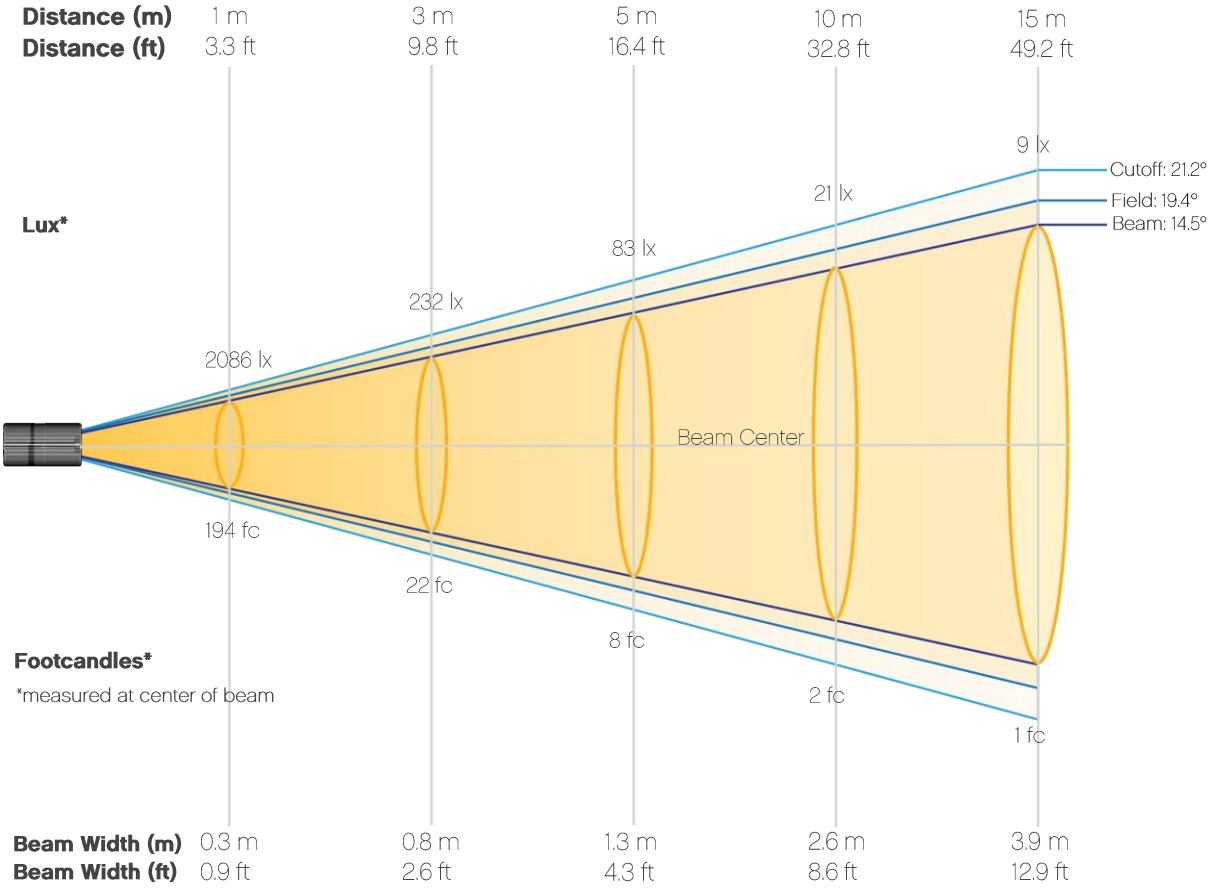
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

Beam Details



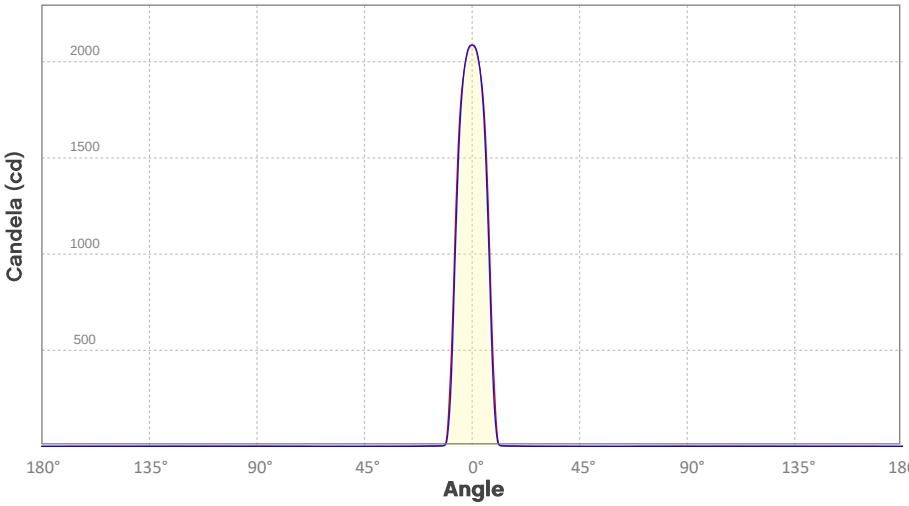
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2086	521	232	130	83	58	43	33	26	21
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	17	14	12	11	9	8	7	6	6	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	194	48	22	12	8	5	4	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	0

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

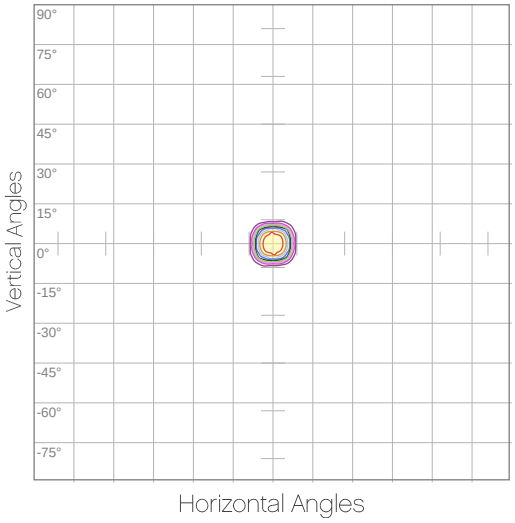
Candela Plot



Beam Angle (50%): 15°
Field Angle (10%): 20.2°
Cutoff Angle (3%): 22.1°

Horizontal Distribution
Vertical Distribution

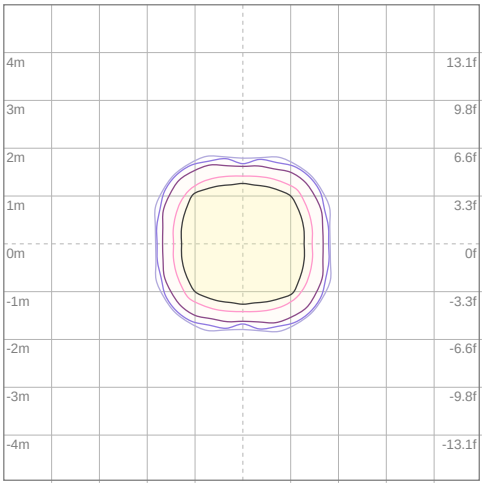
Polar Diagrams



iso-candela Diagram

10%	209 cd
20%	417 cd
30%	626 cd
40%	834 cd
50%	1043 cd
60%	1251 cd
70%	1460 cd
80%	1669 cd
90%	1877 cd

Conditions:
Number of c-planes: 8
Candela at center: 2086 cd



iso-illuminance Diagram

3%	0.626 lx
5%	1.04 lx
10%	2.09 lx
30%	6.26 lx
50%	10.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 20.9 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

Report Summary

Output

Total Lumens: 52.4 lm
Peak Intensity: 628 cd
Illuminance @ 5m: 25 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 13.4°
Horizontal Field Angle (10%): 18.9°
Vertical Field Angle (10%): 18.2°
Horizontal Cutoff Angle (3%): 21°
Vertical Cutoff Angle (3%): 20.2°

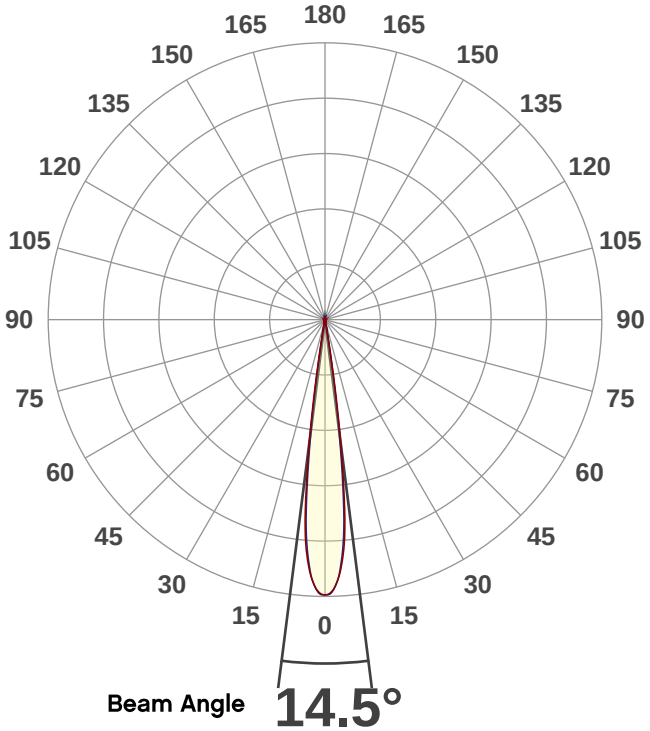
Conditions

AC Supply: 122 V, 60 Hz
Power: 61.73 W
Current: 0.506 A
Power Factor: 0.96

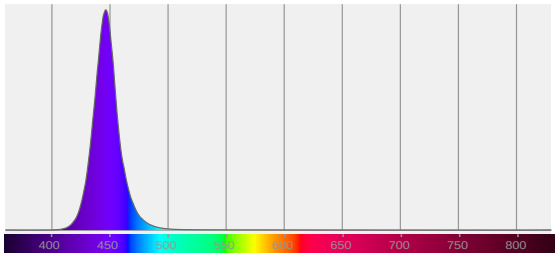
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

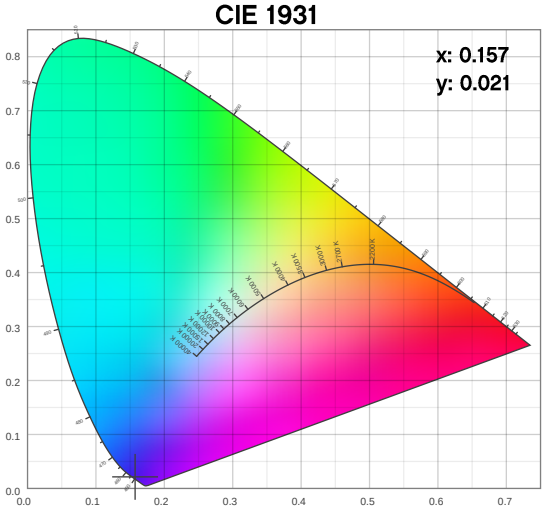
Angular Beam Distribution



Spectral Distribution



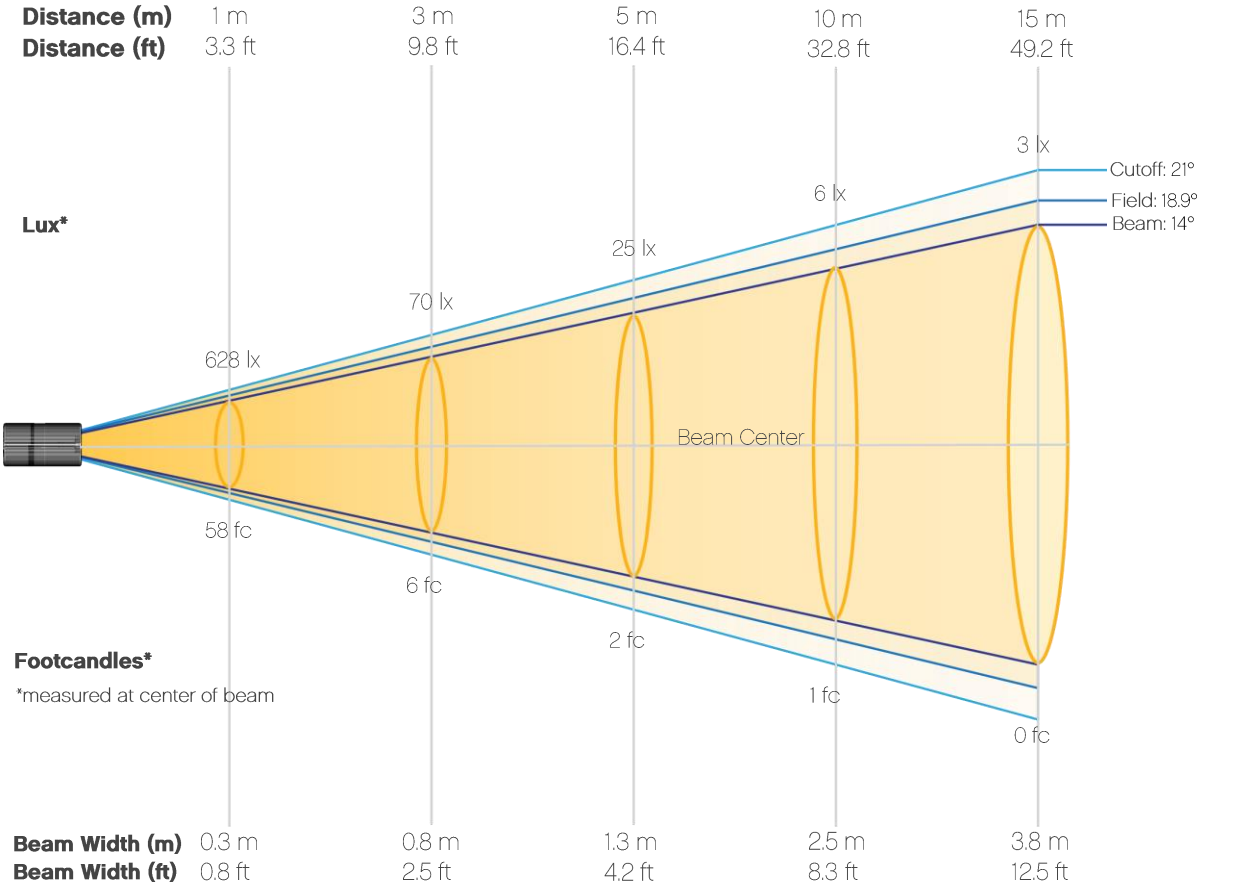
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

Beam Details



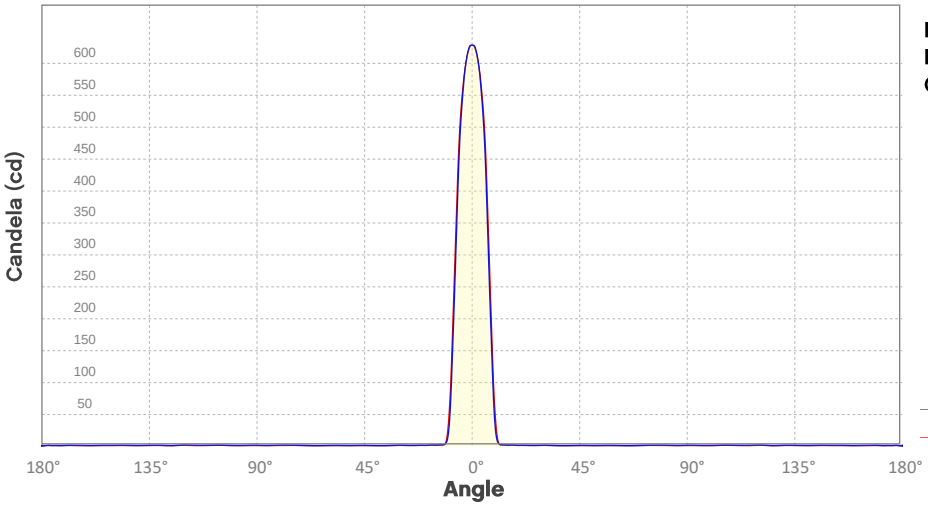
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	628	157	70	39	25	17	13	10	8	6
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	5	4	4	3	3	2	2	2	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	58	15	6	4	2	2	1	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

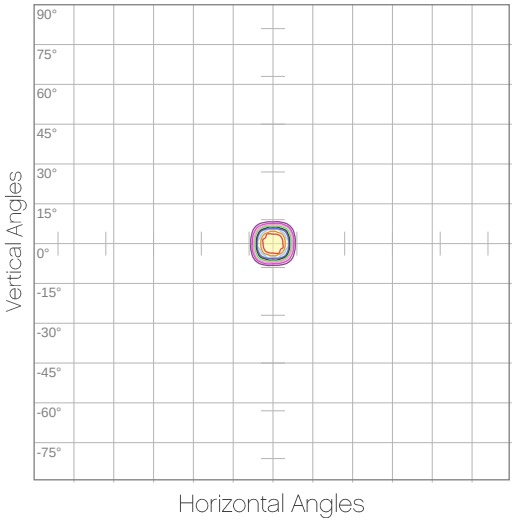
Candela Plot



Beam Angle (50%): 14.5°
Field Angle (10%): 19.6°
Cutoff Angle (3%): 21.8°

Horizontal Distribution
Vertical Distribution

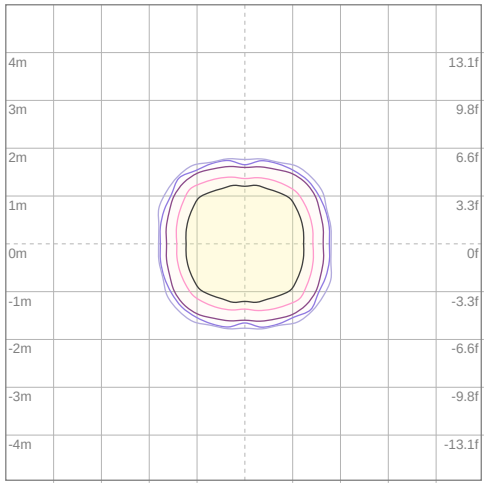
Polar Diagrams



iso-candela Diagram

10%	63 cd
20%	126 cd
30%	188 cd
40%	251 cd
50%	314 cd
60%	377 cd
70%	440 cd
80%	502 cd
90%	565 cd

Conditions:
Number of c-planes: 8
Candela at center: 628 cd



iso-illuminance Diagram

3%	0.188 lx
5%	0.314 lx
10%	0.628 lx
30%	1.88 lx
50%	3.14 lx

Conditions:
Number of c-planes: 8
Lux at center: 6.28 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

Report Summary

Output

Total Lumens: 188 lm
Peak Intensity: 3073 cd
Illuminance @ 5m: 123 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 14.8°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 19.5°
Vertical Field Angle (10%): 18.9°
Horizontal Cutoff Angle (3%): 21.4°
Vertical Cutoff Angle (3%): 20.9°

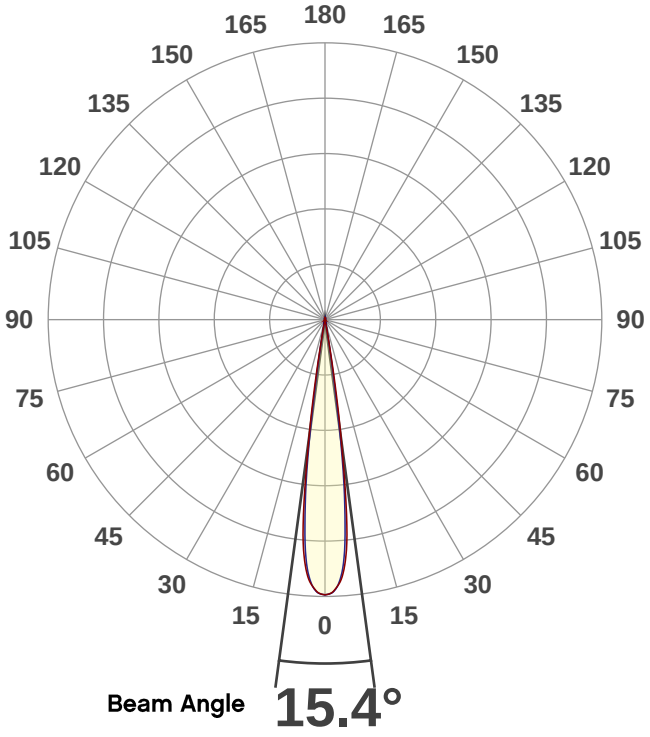
Conditions

AC Supply: 122 V, 60 Hz
Power: 62.13 W
Current: 0.509 A
Power Factor: 0.96

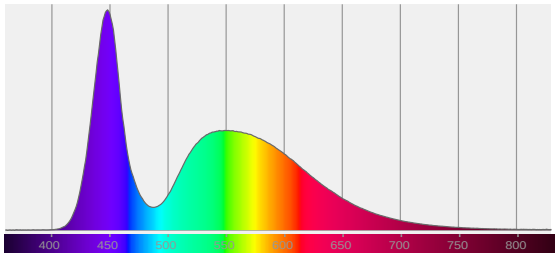
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

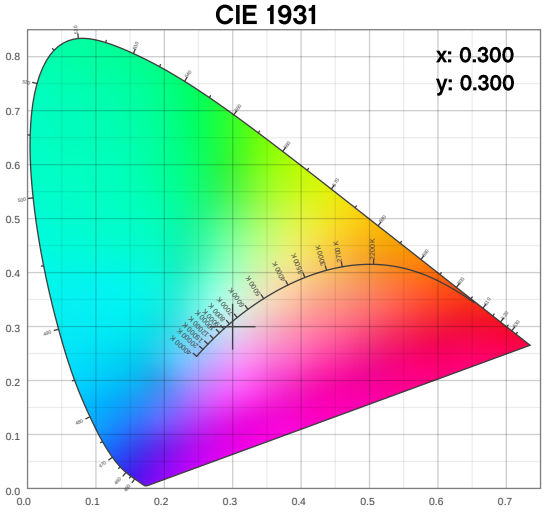
Angular Beam Distribution



Spectral Distribution



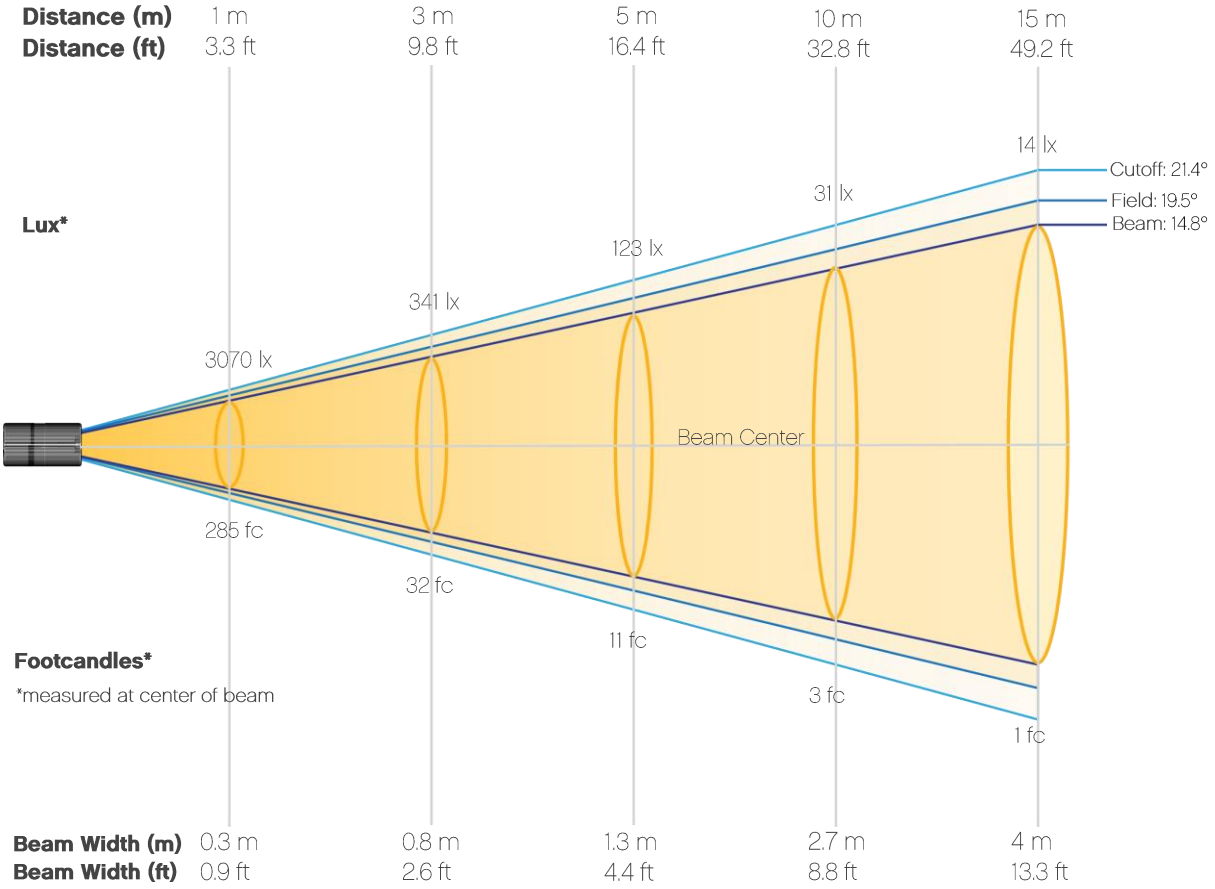
CIE 1931



Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

Beam Details



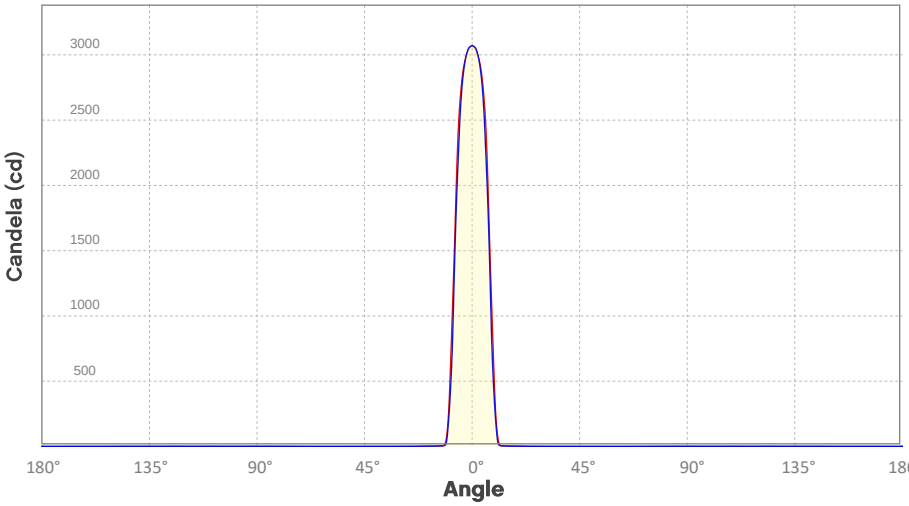
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3070	767	341	192	123	85	63	48	38	31
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	25	21	18	16	14	12	11	9	9	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	285	71	32	18	11	8	6	4	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	2	2	1	1	1	1	1	1	1

Photometric Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

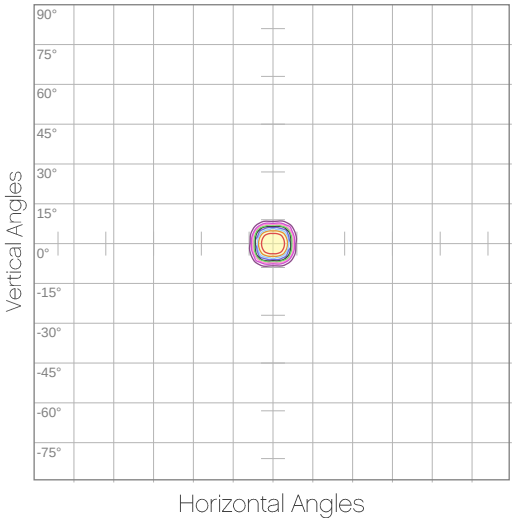
Candela Plot



Beam Angle (50%): 15.4°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 22.3°

Horizontal Distribution
Vertical Distribution

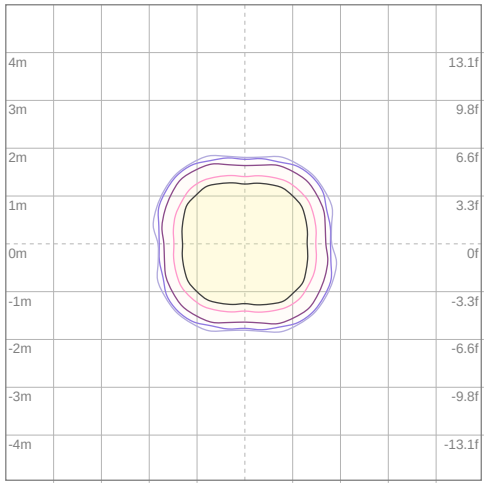
Polar Diagrams



iso-candela Diagram

10%	307 cd
20%	614 cd
30%	921 cd
40%	1228 cd
50%	1535 cd
60%	1842 cd
70%	2149 cd
80%	2456 cd
90%	2763 cd

Conditions:
Number of c-planes: 8
Candela at center: 3070 cd



iso-illuminance Diagram

3%	0.921 lx
5%	1.53 lx
10%	3.07 lx
30%	9.21 lx
50%	15.3 lx

Conditions:
Number of c-planes: 8
Lux at center: 30.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Chromaticity Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

Report Summary

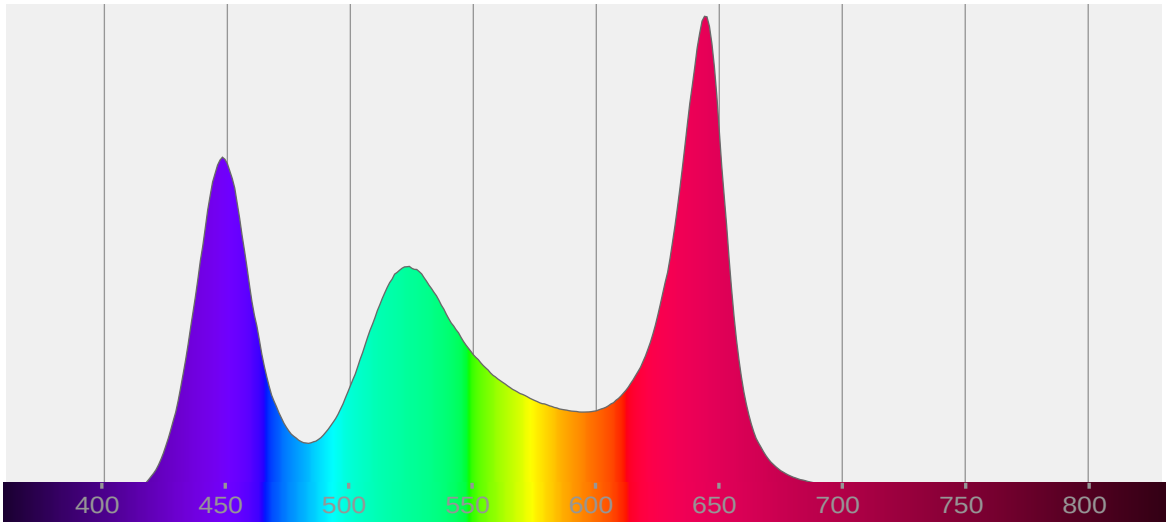
Measurements

Total Lumens: 3296 lm
Peak Intensity: 13164 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 6090K
Δuv: -0.0123

CRI: 64.2 CRI R9 Value: -95.1
CQS: 82.7
TLCI: 48
TM-30-18 Rf: 76.7
TM-30-18 Rg: 120.9
1st Dominant Wavelength: 644 nM
2nd Dominant Wavelength: 448 nM

Spectral Distribution



Tested Color

6090 K
CIE 1931 Coordinates:
X: 0.322 Y: 0.315

Color Temperature

6090 K

Light Quality

CRI: 64.2

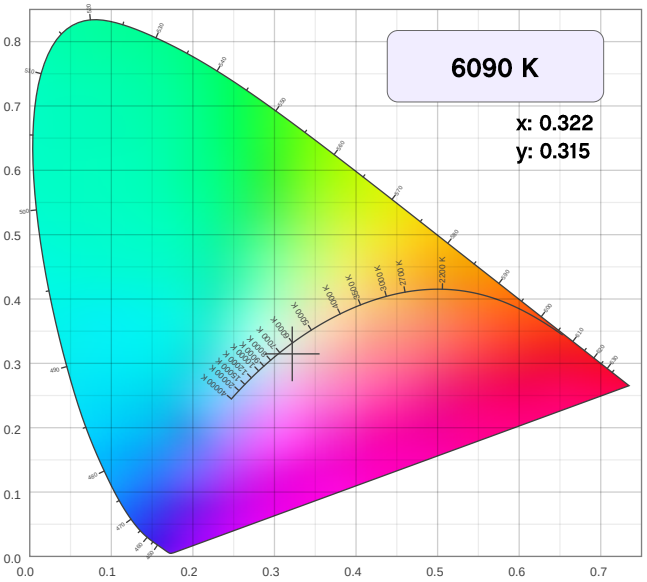
Notes:

Chromaticity Report

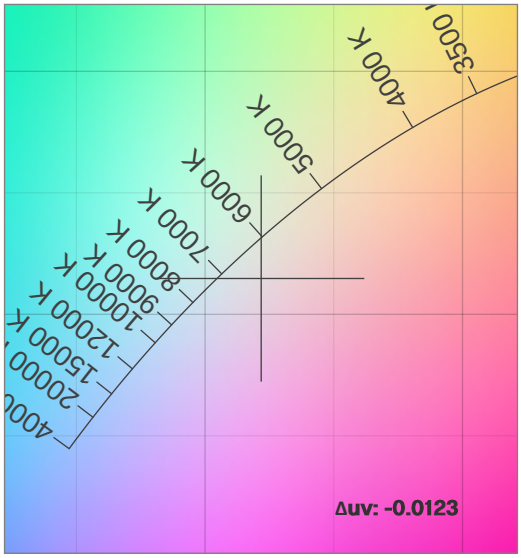
COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

Chromaticity

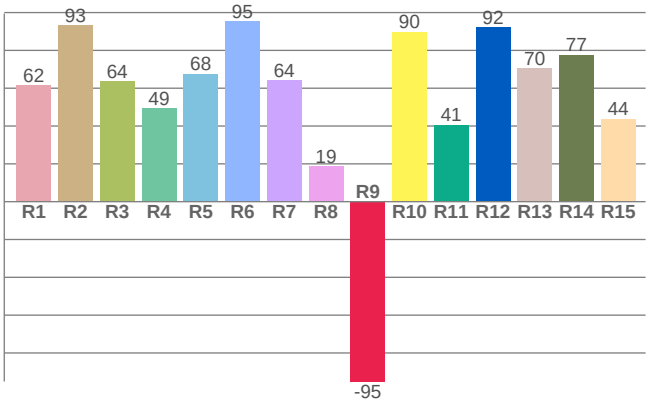
CIE 1931



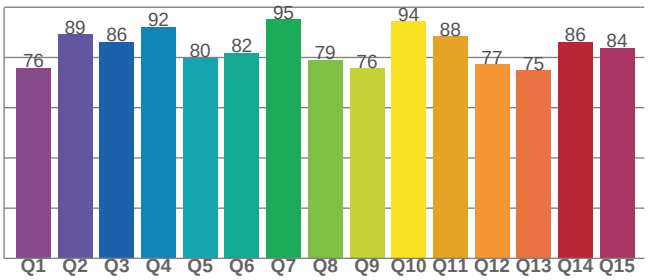
CIE 1931 - Zoom



CRI: 64.2 (R1-R8)



CQS: 82.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6090 K	0.322	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0123	0.315	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
64.2	-95.1	82.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
48	76.7	120.9

Chromaticity Report

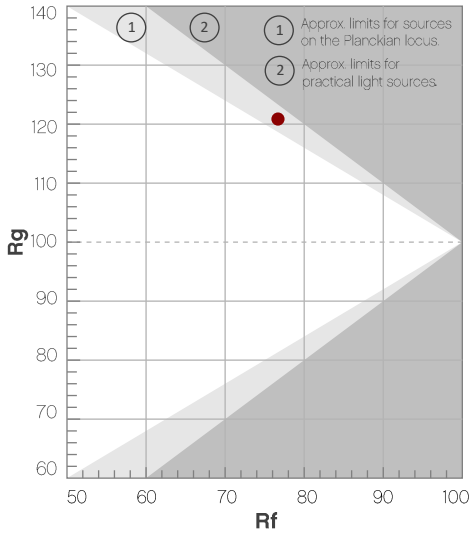
COLORado PXL Bar 8: Full Flood - Full Power - Calibration On

TM-30-18 Details

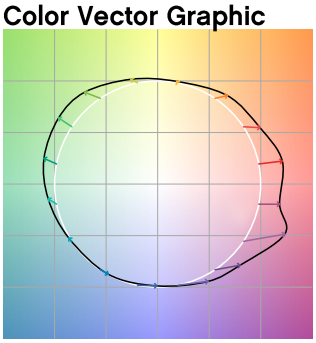
Rf 76.7
Fidelity Index (Rg)

Rg 120.9
Gamut Index (Rg)

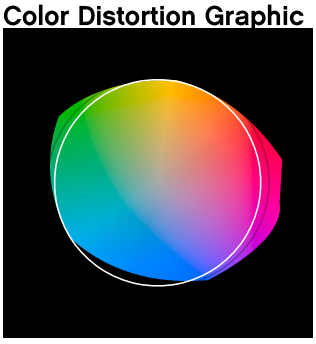
Hue Bin	R_f	Chroma Shift	Hue Shift
1	57	23%	-2%
2	75	13%	-10%
3	77	9%	-9%
4	94	1%	1%
5	85	5%	6%
6	77	13%	9%
7	77	15%	0%
8	77	13%	-3%
9	89	7%	-7%
10	89	1%	-4%
11	85	-1%	9%
12	73	-3%	18%
13	67	2%	29%
14	62	10%	23%
15	57	29%	28%
16	66	20%	4%



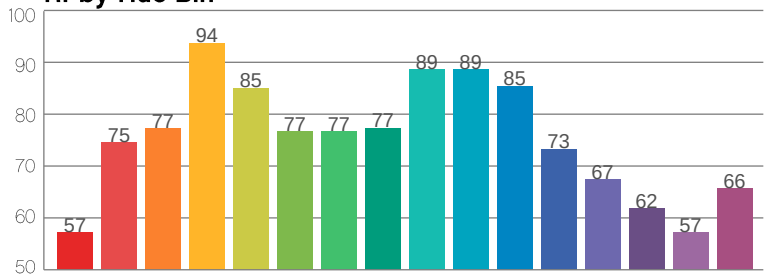
Color Vector Graphic



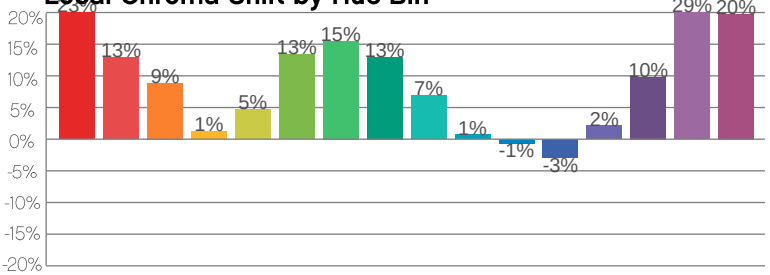
Color Distortion Graphic



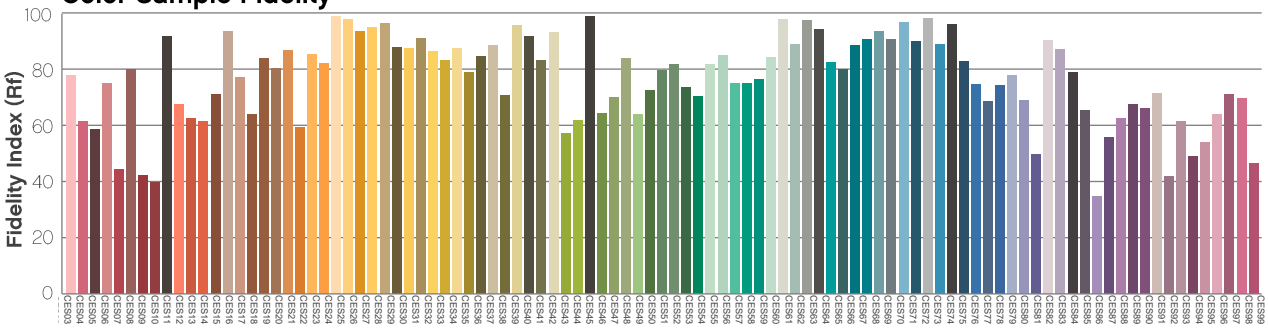
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

Report Summary

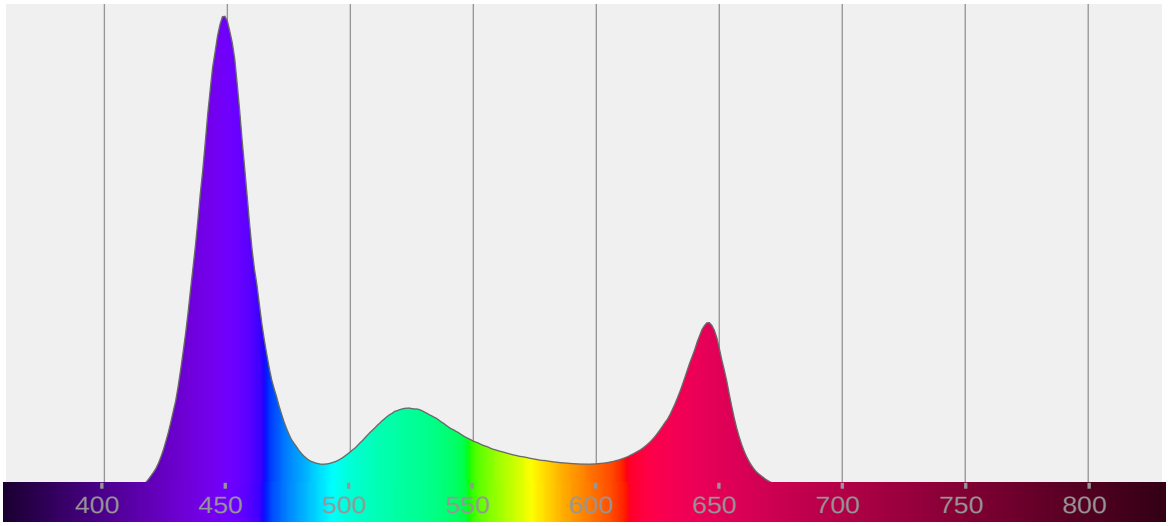
Measurements

Total Lumens: 3503 lm
Peak Intensity: 14096 cd
Fixture Efficacy: 8 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 646 nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.237 Y: 0.171

Color Temperature

0 K

Light Quality

CRI: 0.0

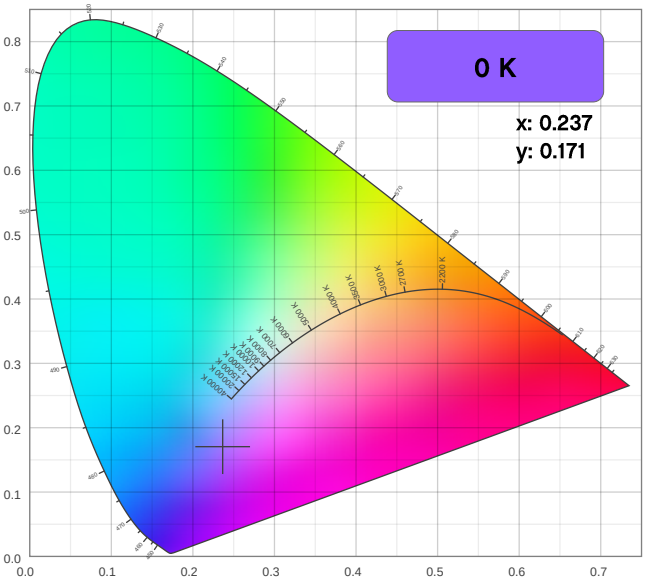
Notes:

Chromaticity Report

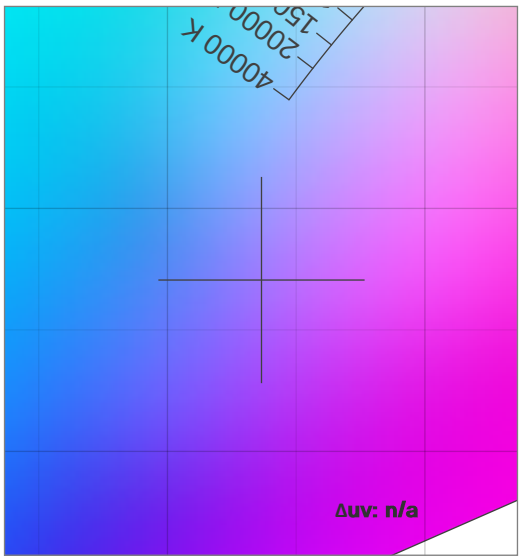
COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

Chromaticity

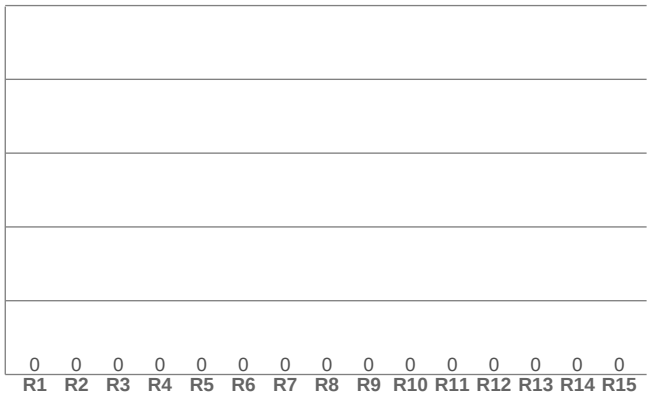
CIE 1931



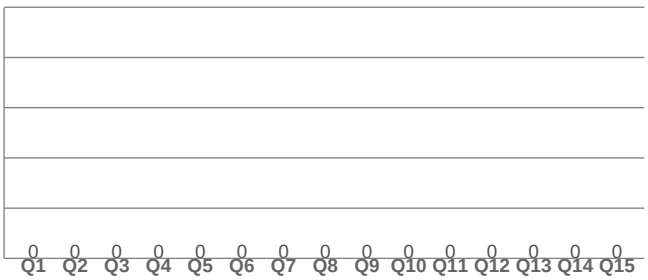
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.237	0.171

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.171	0.207

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

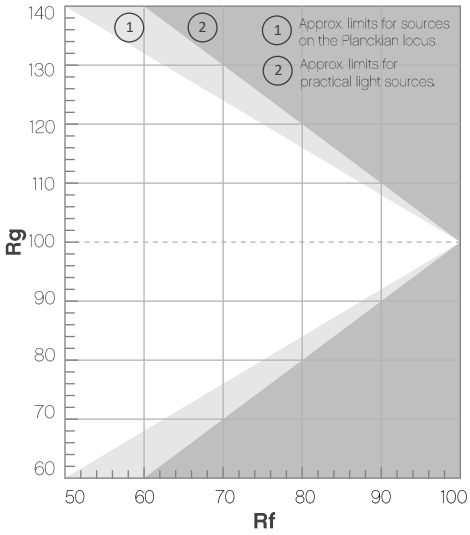
COLORado PXL Bar 8: Full Flood - Full Power - Calibration Off

TM-30-18 Details

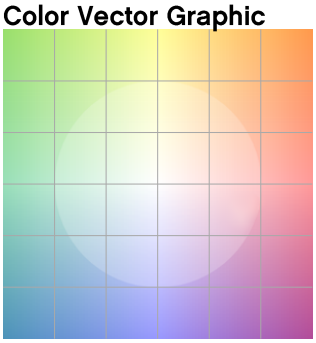
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

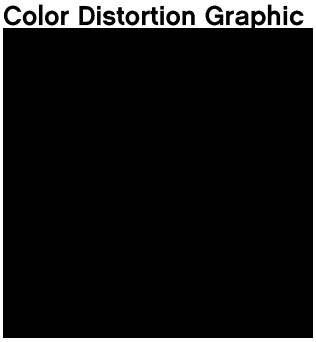


Color Vector Graphic



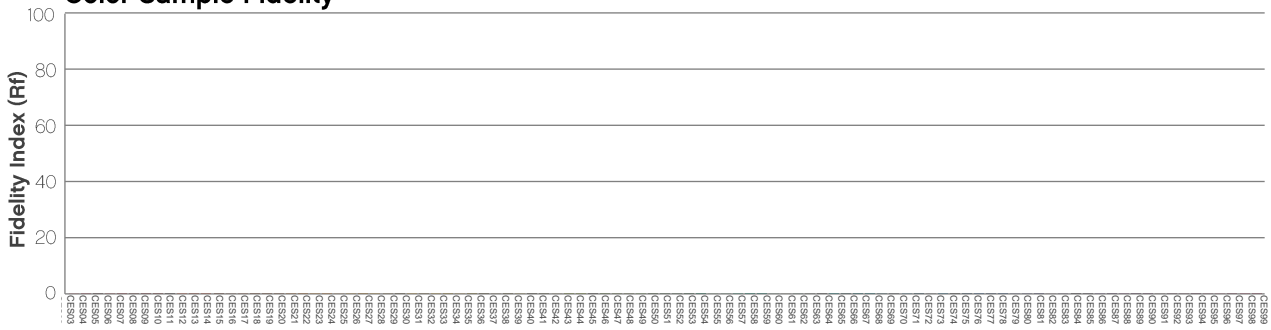
Rf by Hue Bin

Color Distortion Graphic



Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

Report Summary

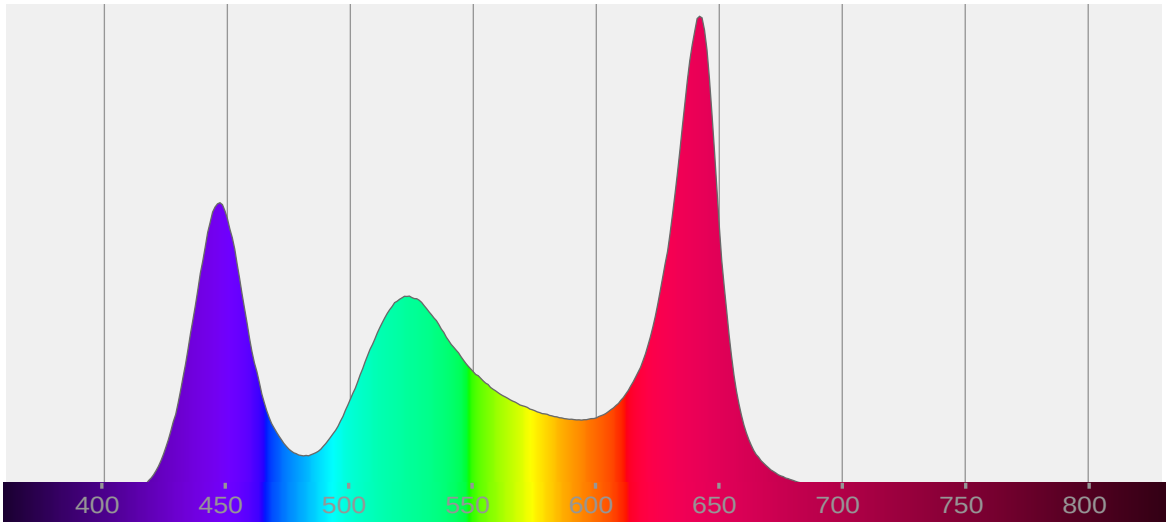
Measurements

Total Lumens: 447 lm
Peak Intensity: 1779 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 5326K
Δuv: -0.0171

CRI: 59.1 CRI R9 Value: -102.8
CQS: 81.5
TLCI: 46
TM-30-18 Rf: 74.5
TM-30-18 Rg: 124.3
1st Dominant Wavelength: 642 nM
2nd Dominant Wavelength: 447 nM

Spectral Distribution



Tested Color

5326 K
CIE 1931 Coordinates:
X: 0.336 Y: 0.318

Color Temperature

5326 K

Light Quality

CRI: 59.1

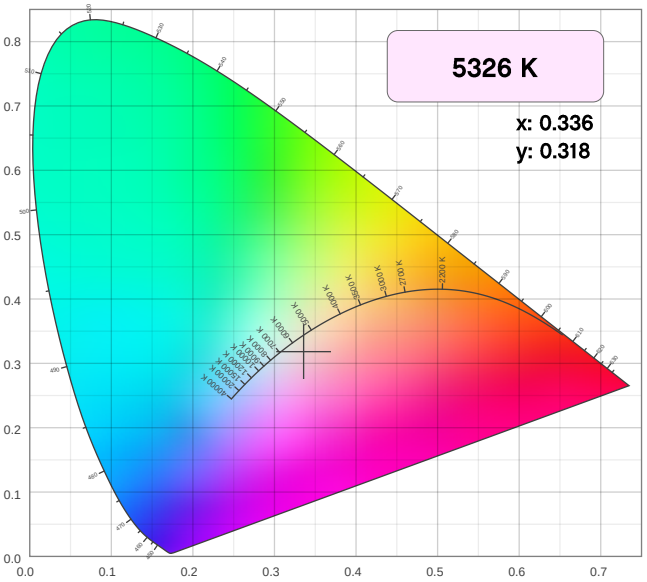
Notes:

Chromaticity Report

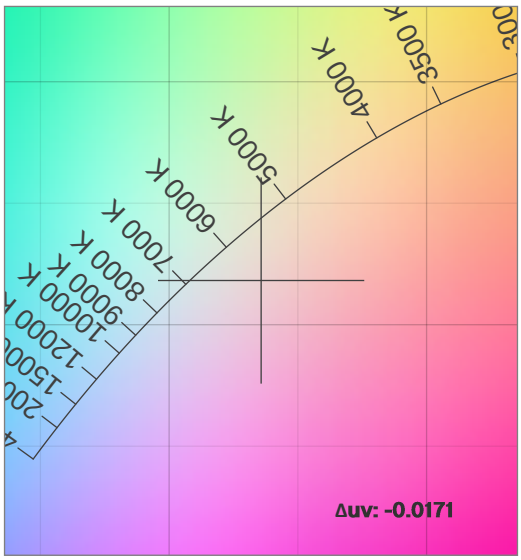
COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

Chromaticity

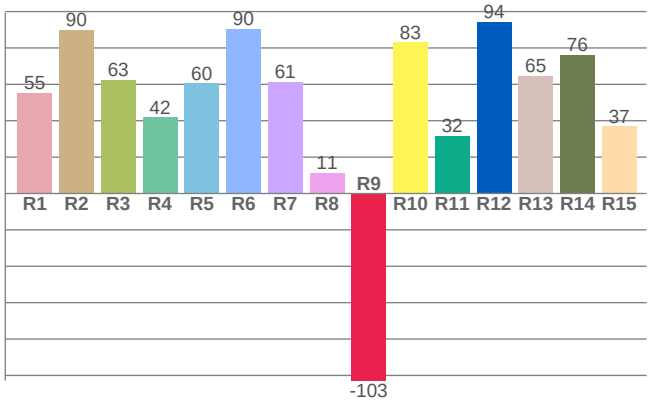
CIE 1931



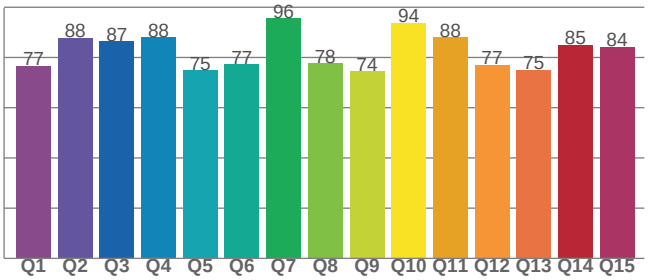
CIE 1931 - Zoom



CRI: 59.1 (R1-R8)



CQS: 81.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5326 K	0.336	0.318

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0171	0.318	0.218

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
59.1	-102.8	81.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	74.5	124.3

Chromaticity Report

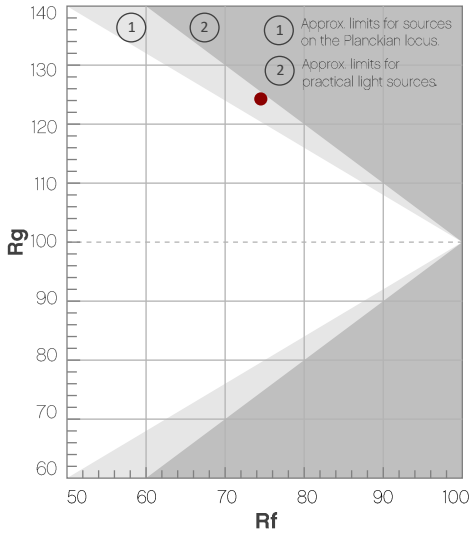
COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration On

TM-30-18 Details

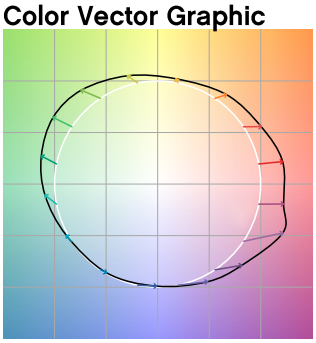
Rf 74.5
Fidelity Index (Rg)

Rg 124.3
Gamut Index (Rg)

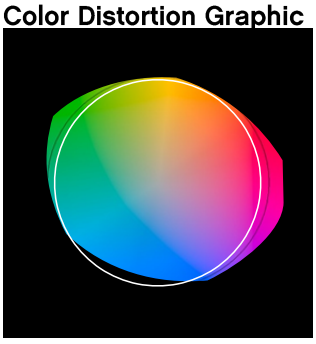
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	23%	-2%
2	73	14%	-9%
3	76	9%	-7%
4	91	4%	2%
5	82	9%	8%
6	71	17%	11%
7	69	20%	3%
8	72	16%	-5%
9	84	9%	-11%
10	84	1%	-8%
11	88	-1%	6%
12	74	-3%	18%
13	68	2%	29%
14	60	11%	24%
15	59	27%	28%
16	61	24%	5%



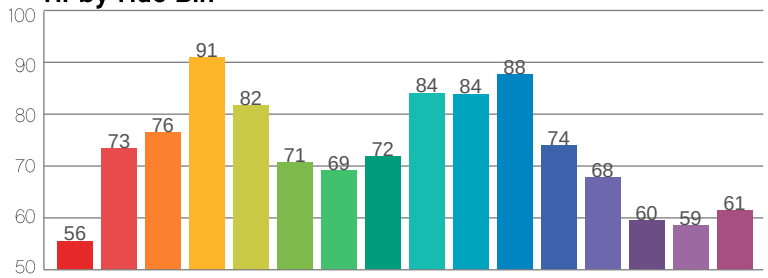
Color Vector Graphic



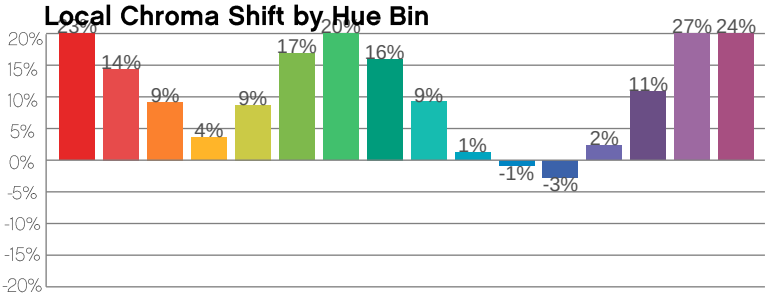
Color Distortion Graphic



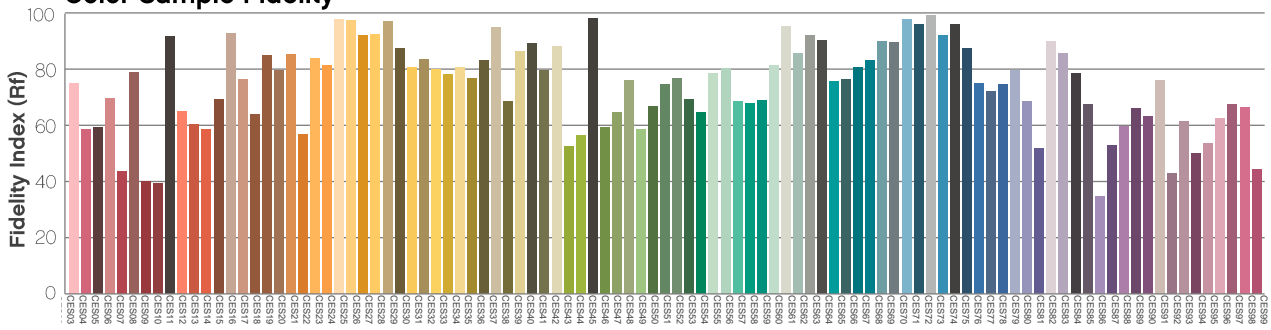
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

Report Summary

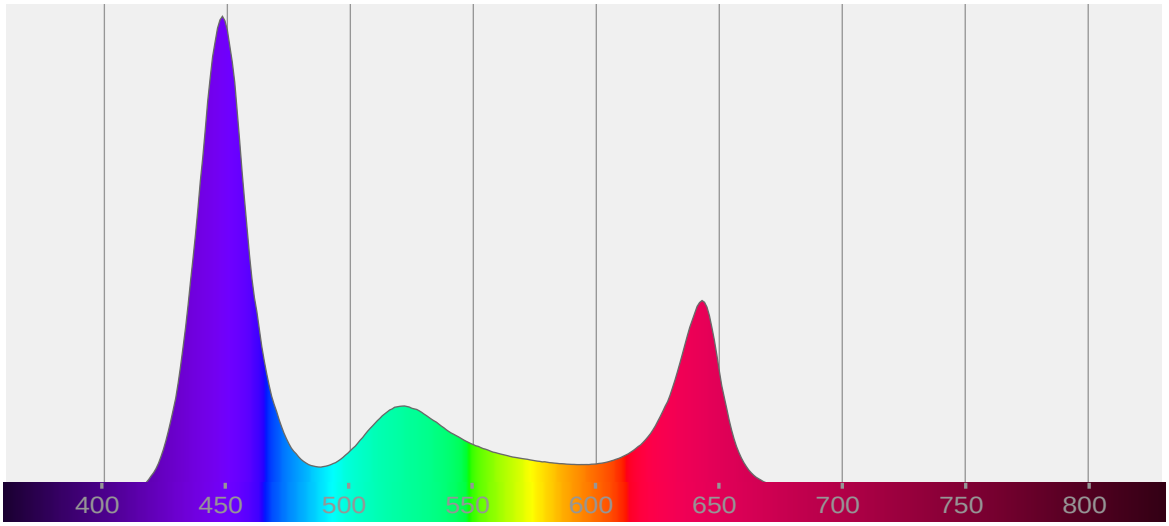
Measurements

Total Lumens: 464 lm
Peak Intensity: 1945 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 643 nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.243 Y: 0.172

Color Temperature

0 K

Light Quality

CRI: 0.0

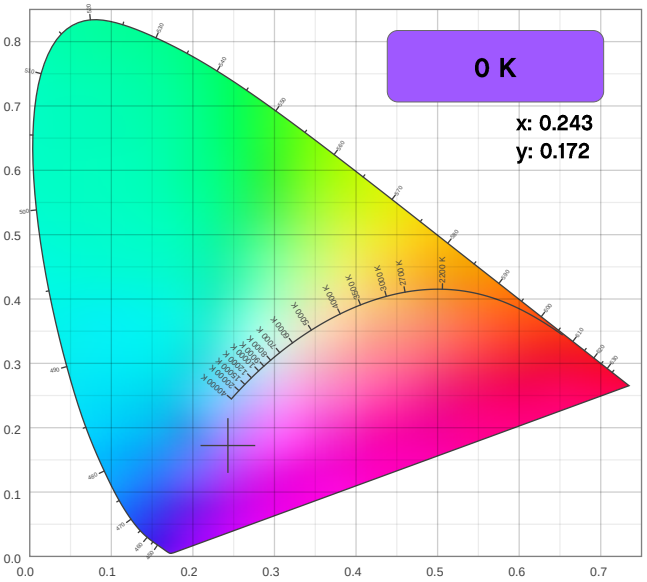
Notes:

Chromaticity Report

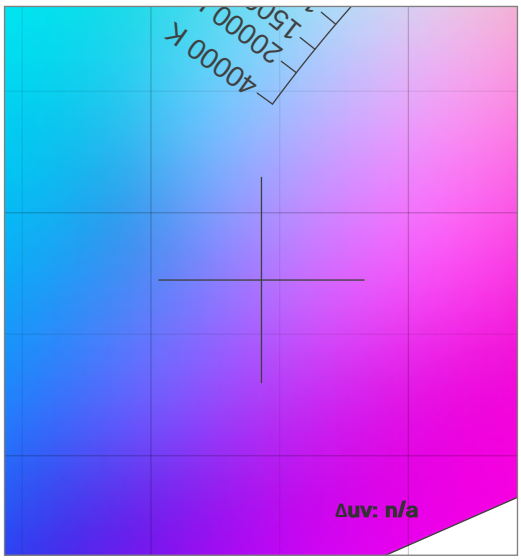
COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

Chromaticity

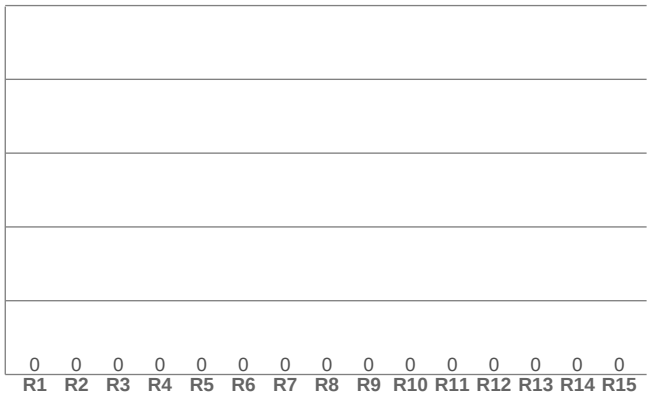
CIE 1931



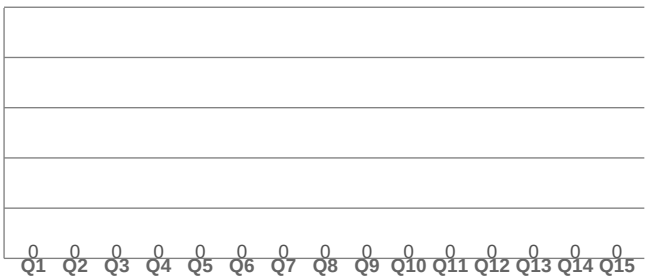
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.243	0.172

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.172	0.212

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

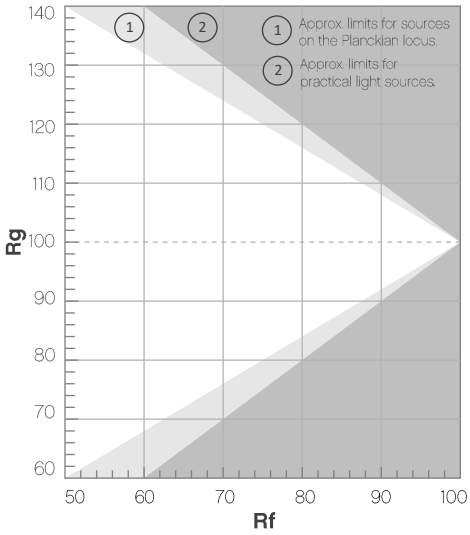
COLORado PXL Bar 8: Full Flood - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

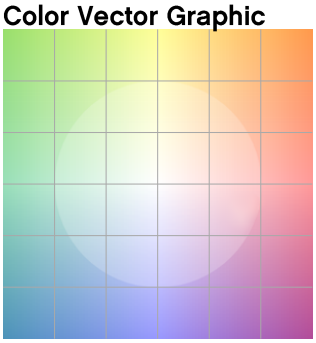
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

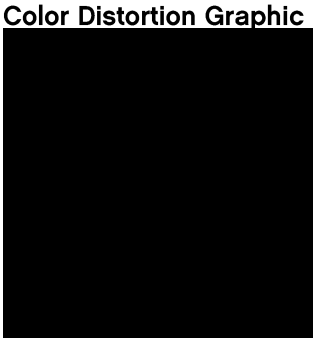
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



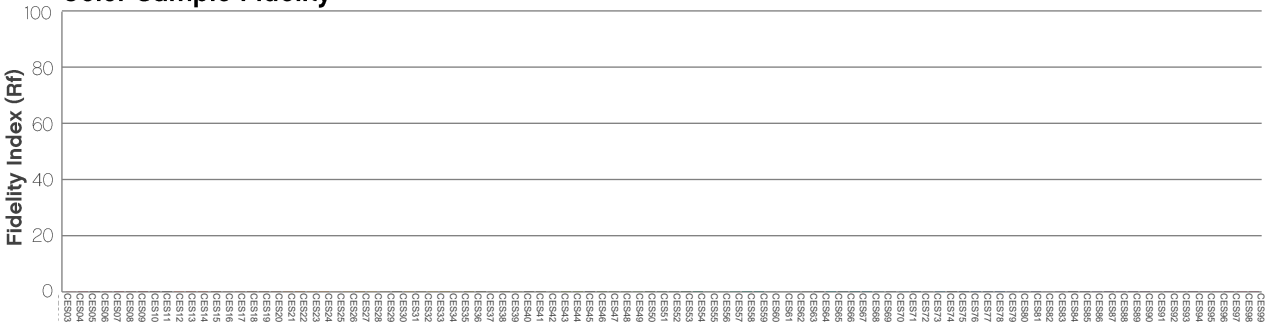
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration Onf

Report Summary

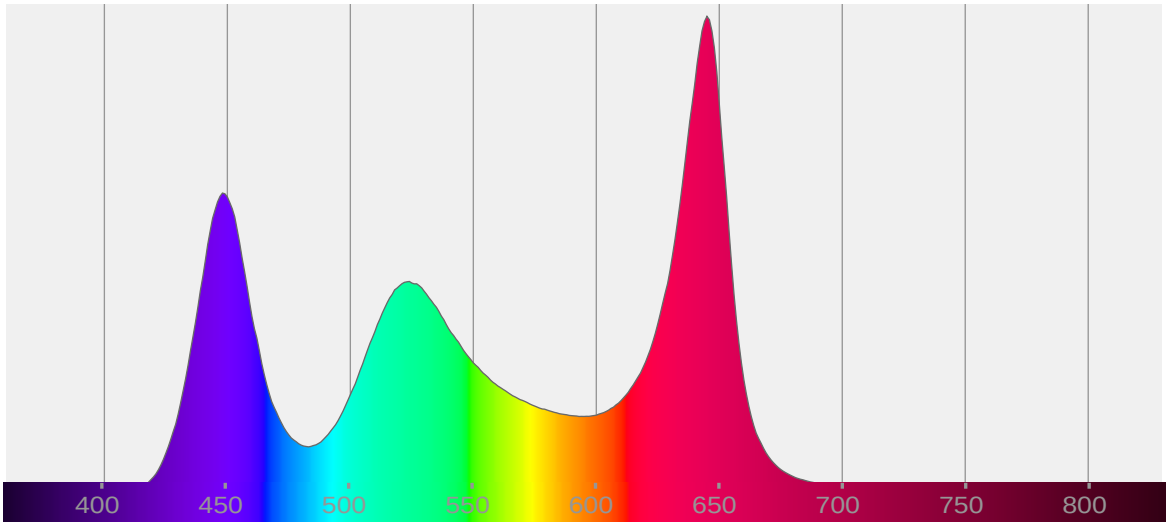
Measurements

Total Lumens: 1709 lm
Peak Intensity: 279620 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 5710K
Δuv: -0.0127

CRI: 62.7 CRI R9 Value: -100.0
CQS: 82.2
TLCI: 46
TM-30-18 Rf: 76.3
TM-30-18 Rg: 121.3
1st Dominant Wavelength: 645 nM
2nd Dominant Wavelength: 448 nM

Spectral Distribution



Tested Color

5710 K
CIE 1931 Coordinates:
X: 0.328 Y: 0.320

Color Temperature

5710 K

Light Quality

CRI: 62.7

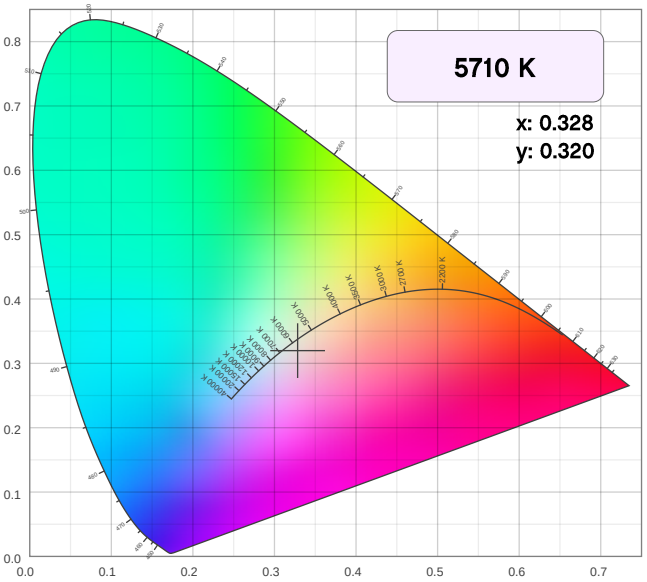
Notes:

Chromaticity Report

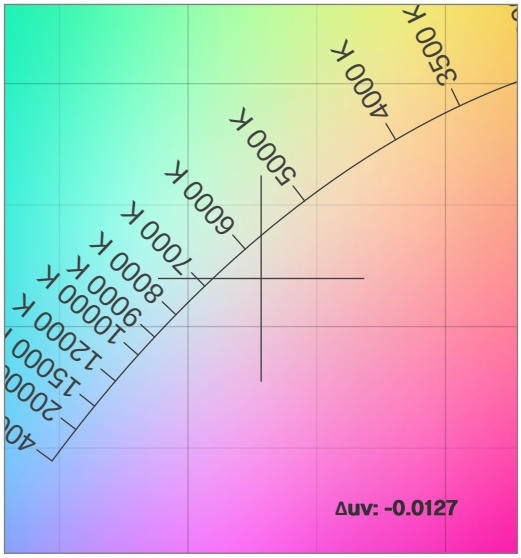
COLORado PXL Bar 8: Full Spot - Full Power - Calibration Onf

Chromaticity

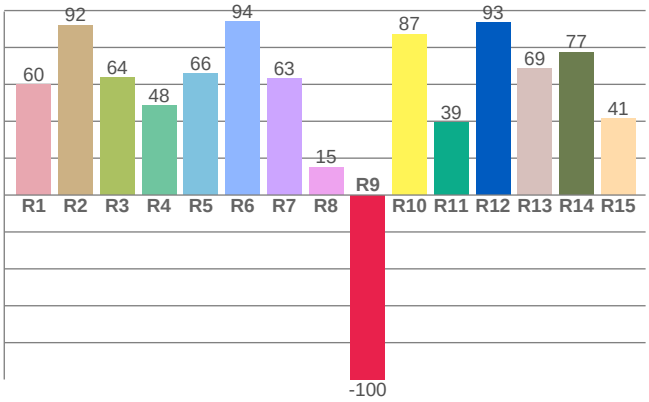
CIE 1931



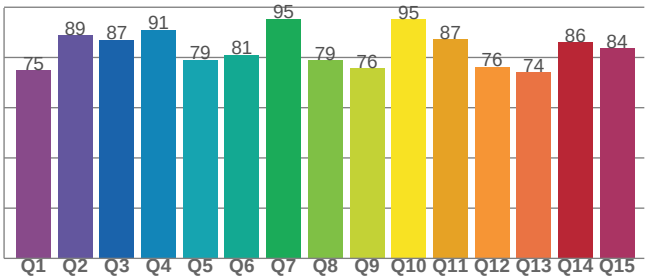
CIE 1931 - Zoom



CRI: 62.7 (R1-R8)



CQS: 82.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5710 K	0.328	0.320

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0127	0.320	0.213

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
62.7	-100.0	82.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	76.3	121.3

Chromaticity Report

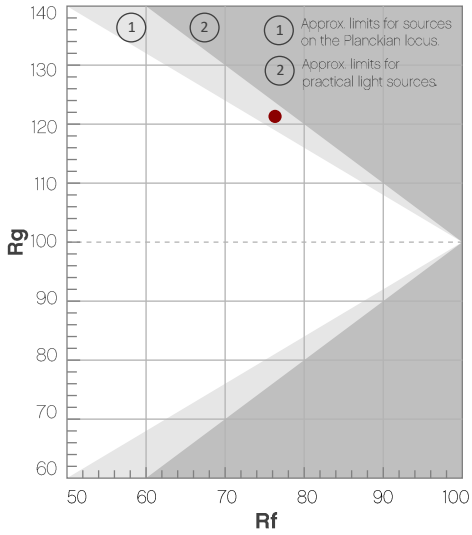
COLORado PXL Bar 8: Full Spot - Full Power - Calibration Onf

TM-30-18 Details

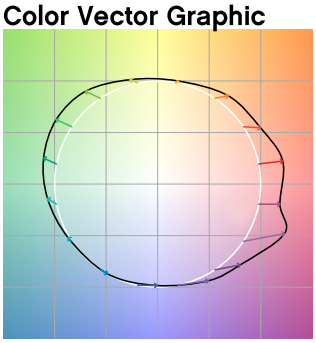
Rf 76.3
Fidelity Index (Rg)

Rg 121.3
Gamut Index (Rg)

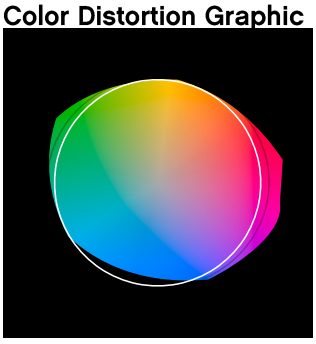
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	23%	-2%
2	74	13%	-10%
3	76	9%	-9%
4	93	2%	1%
5	85	5%	6%
6	78	14%	8%
7	74	17%	3%
8	77	13%	-3%
9	88	7%	-7%
10	88	1%	-5%
11	87	-1%	8%
12	73	-3%	18%
13	67	2%	30%
14	62	10%	23%
15	57	29%	28%
16	65	20%	4%



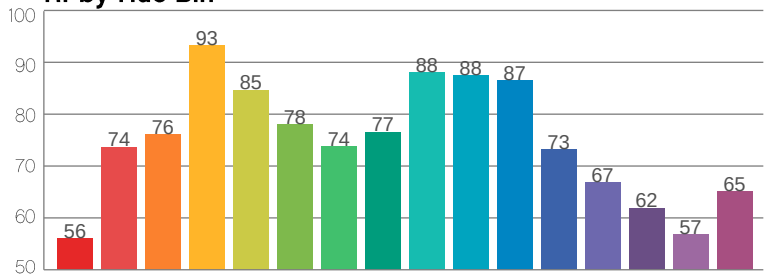
Color Vector Graphic



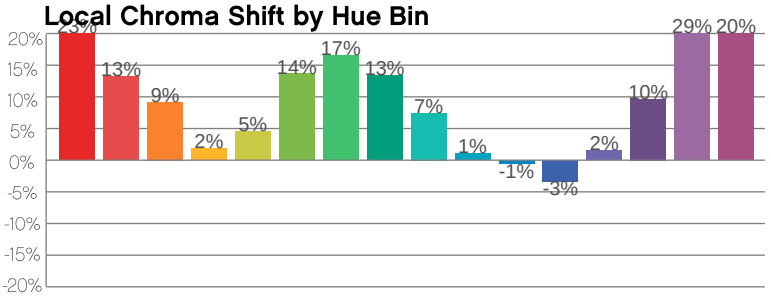
Color Distortion Graphic



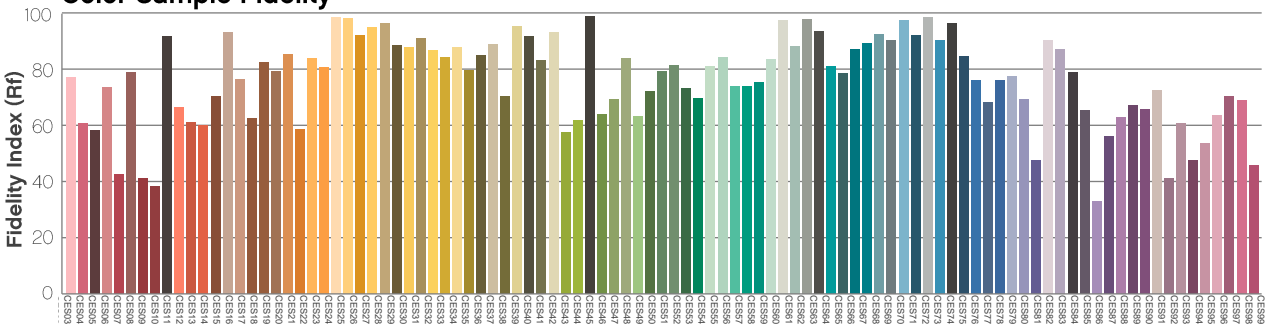
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

Report Summary

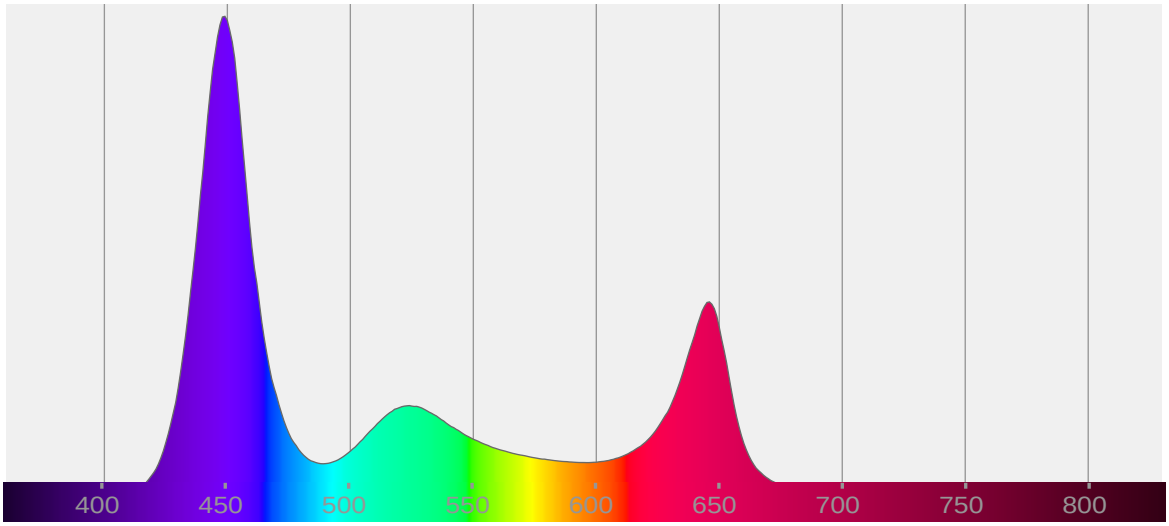
Measurements

Total Lumens: 2048 lm
Peak Intensity: 303023 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 646 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.242 Y: 0.175

Color Temperature

0 K

Light Quality

CRI: 0.0

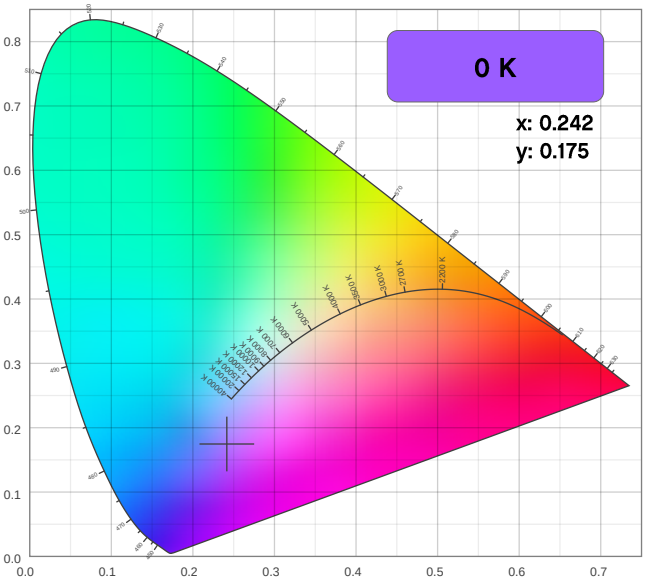
Notes:

Chromaticity Report

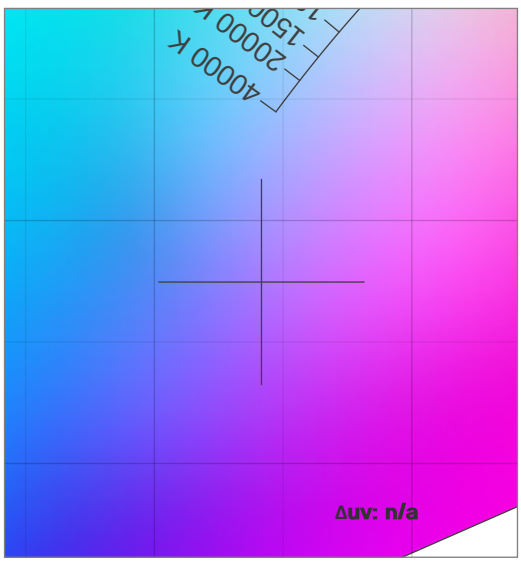
COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

Chromaticity

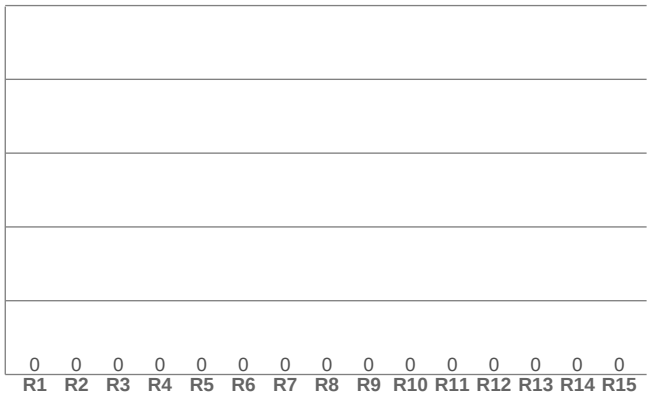
CIE 1931



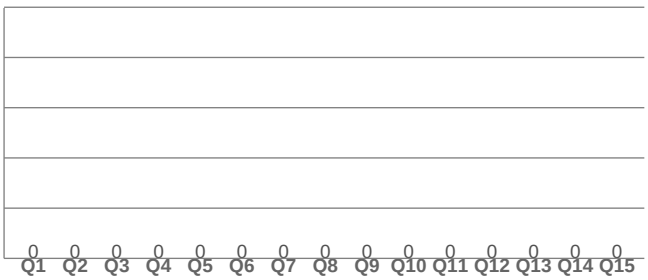
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.242	0.175

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.175	0.209

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

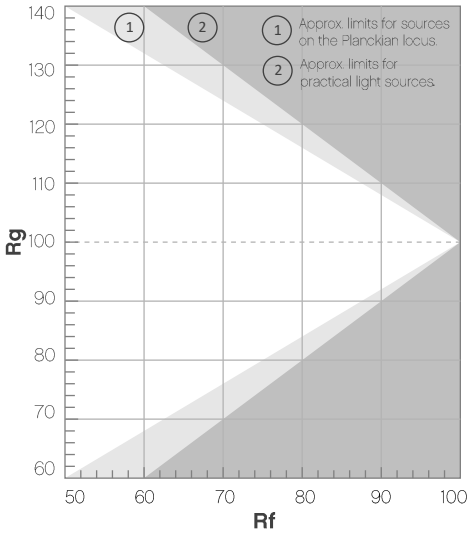
COLORado PXL Bar 8: Full Spot - Full Power - Calibration Off

TM-30-18 Details

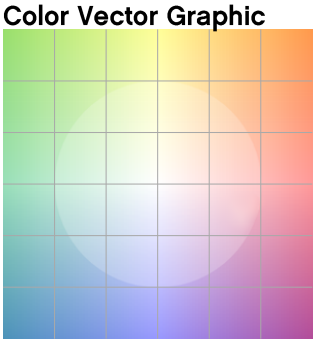
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

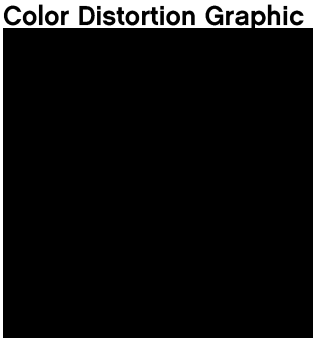
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



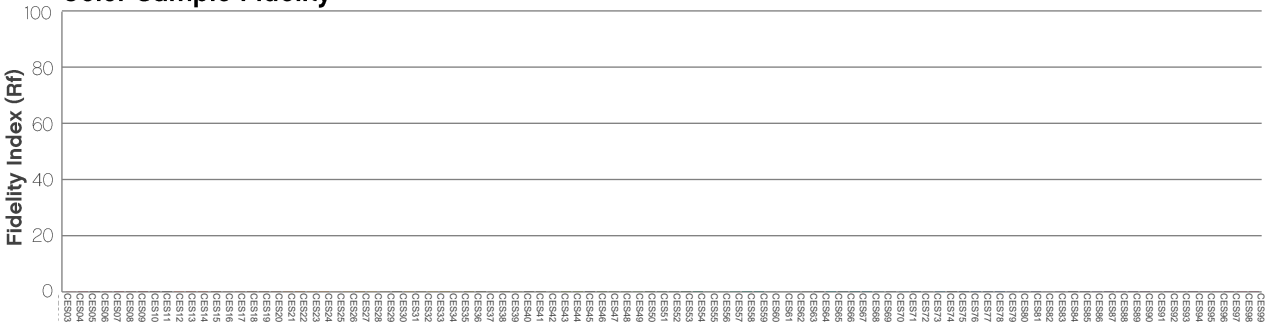
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

Report Summary

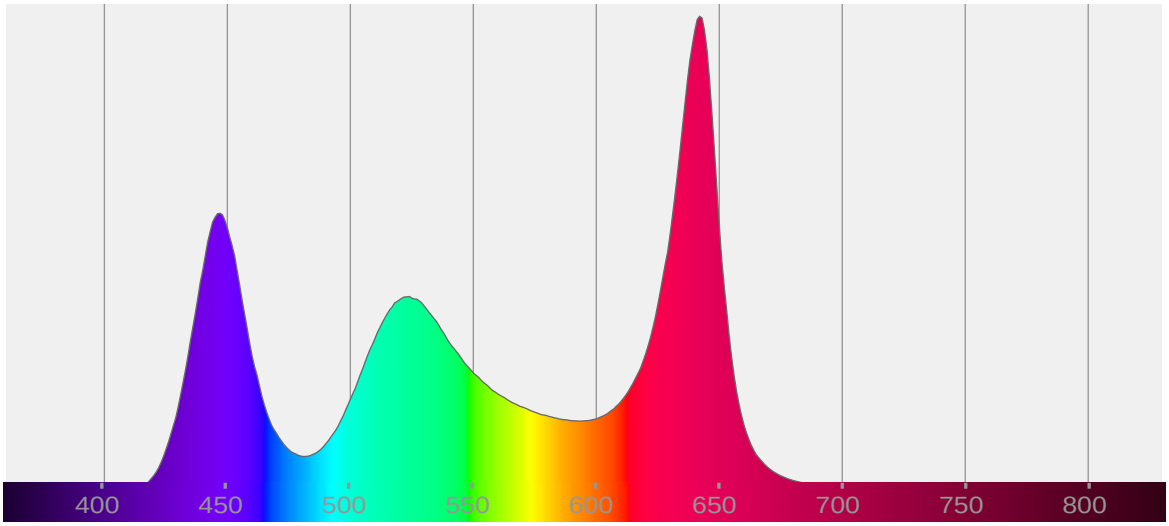
Measurements

Total Lumens: 212 lm
Peak Intensity: 55305 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 5247K
Δuv: -0.0161

CRI: 59.2 CRI R9 Value: -101.9
CQS: 81.3
TLCI: 46
TM-30-18 Rf: 74.6
TM-30-18 Rg: 124.0
1st Dominant Wavelength: 642 nM
2nd Dominant Wavelength: 447 nM

Spectral Distribution



Tested Color

5247 K
CIE 1931 Coordinates:
X: 0.337 Y: 0.321

Color Temperature

5247 K

Light Quality

CRI: 59.2

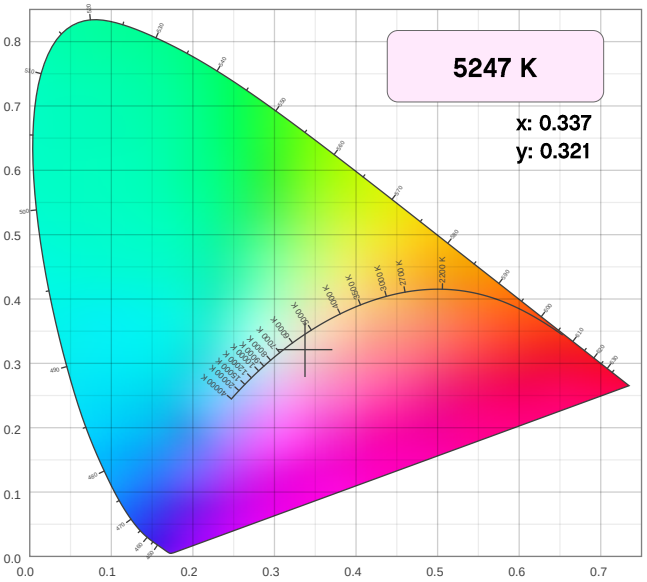
Notes:

Chromaticity Report

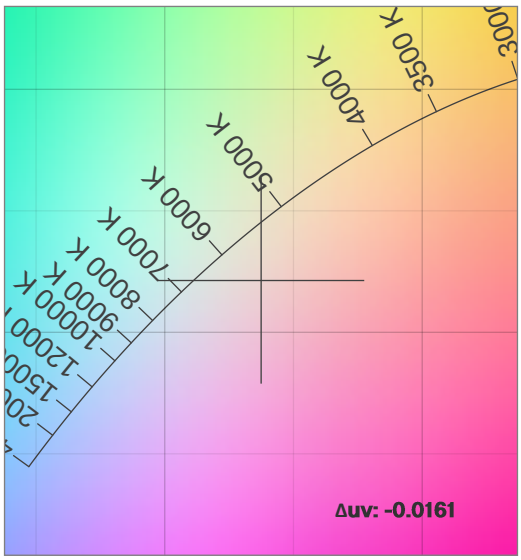
COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

Chromaticity

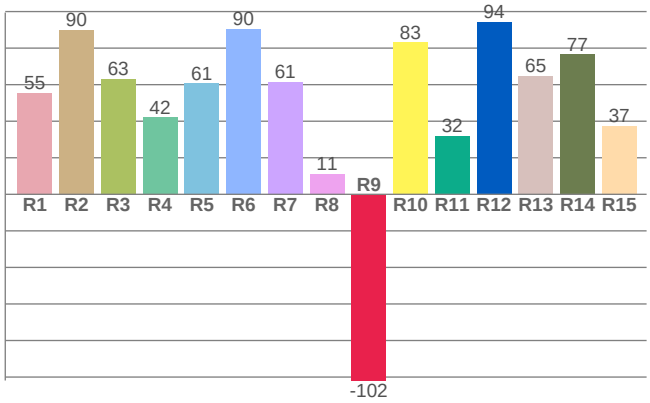
CIE 1931



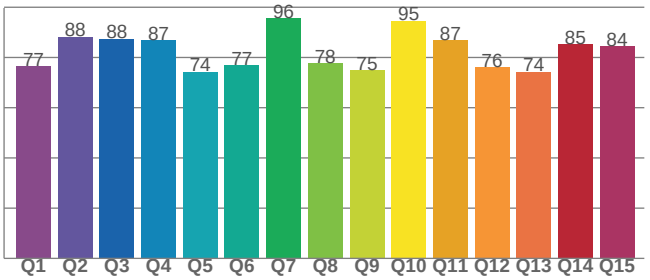
CIE 1931 - Zoom



CRI: 59.2 (R1-R8)



CQS: 81.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5247 K	0.337	0.321

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0161	0.321	0.218

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
59.2	-101.9	81.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	74.6	124.0

Chromaticity Report

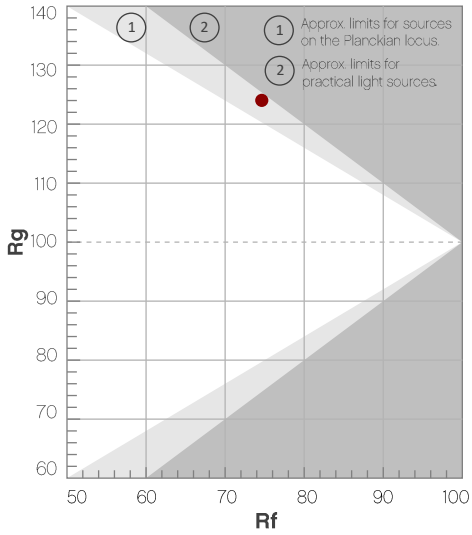
COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration On

TM-30-18 Details

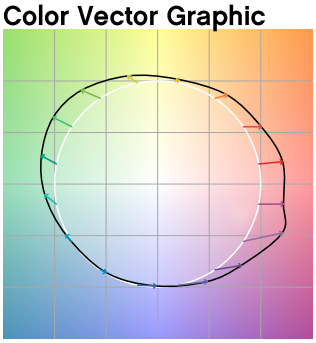
Rf 74.6
Fidelity Index (Rg)

Rg 124.0
Gamut Index (Rg)

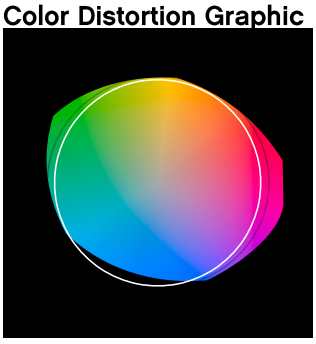
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	23%	-2%
2	73	14%	-10%
3	76	9%	-8%
4	91	3%	2%
5	82	8%	8%
6	71	17%	11%
7	69	20%	2%
8	72	16%	-5%
9	84	9%	-11%
10	83	1%	-8%
11	88	-1%	6%
12	75	-3%	18%
13	68	2%	28%
14	60	11%	24%
15	59	27%	28%
16	62	23%	5%



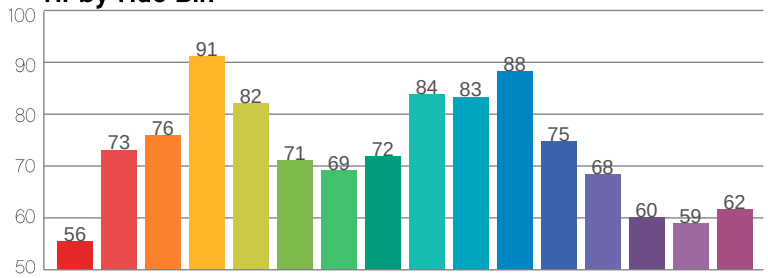
Color Vector Graphic



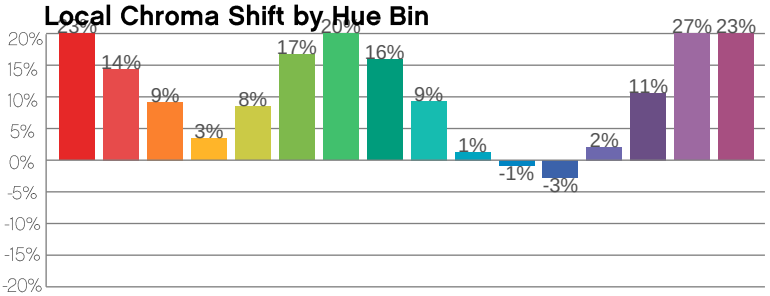
Color Distortion Graphic



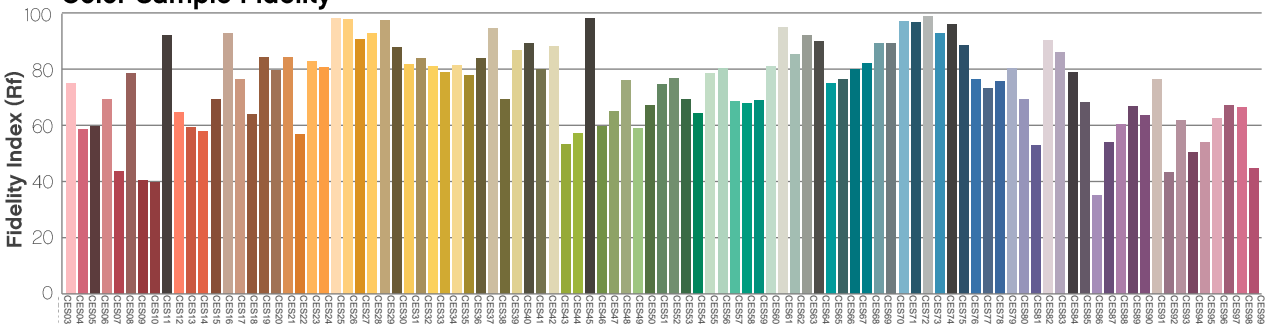
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

Report Summary

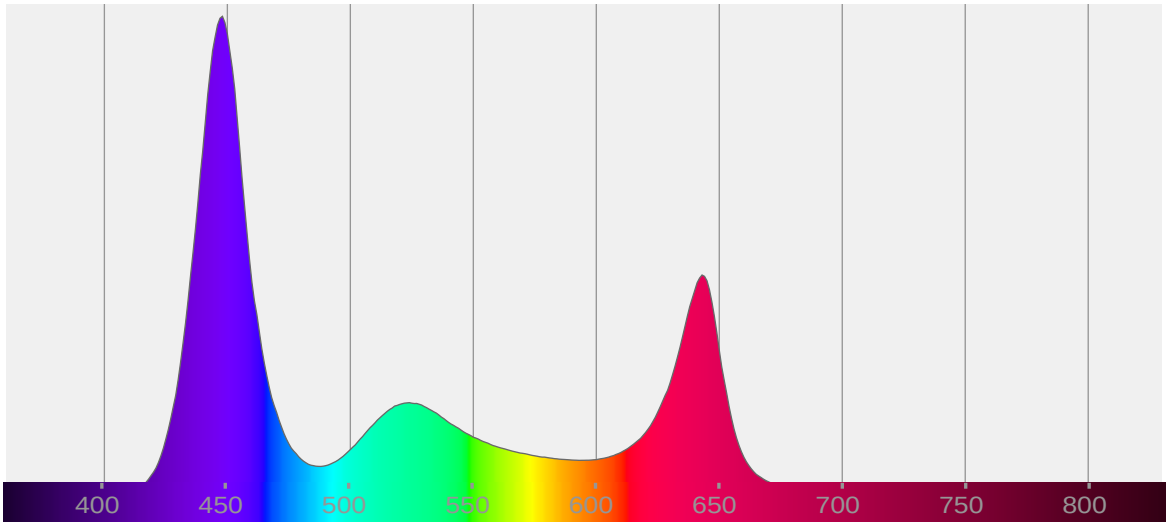
Measurements

Total Lumens: 265 lm
Peak Intensity: 58592 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 643 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.252 Y: 0.182

Color Temperature

0 K

Light Quality

CRI: 0.0

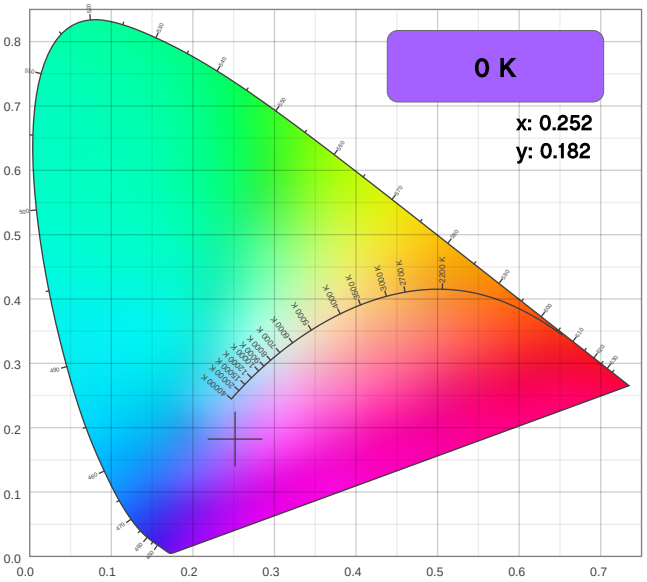
Notes:

Chromaticity Report

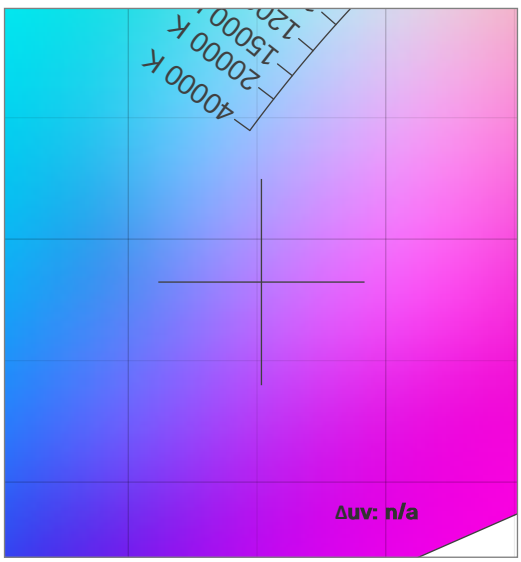
COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

Chromaticity

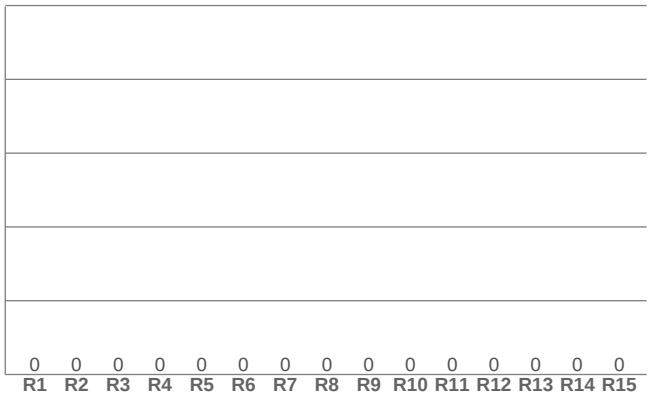
CIE 1931



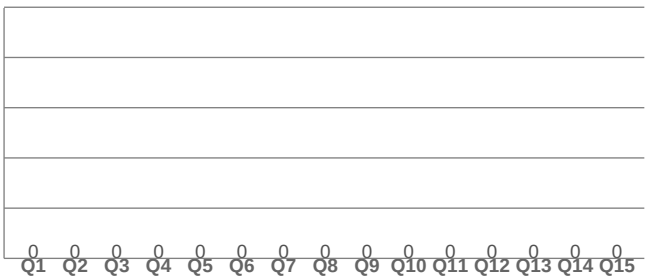
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.252	0.182

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.182	0.215

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

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

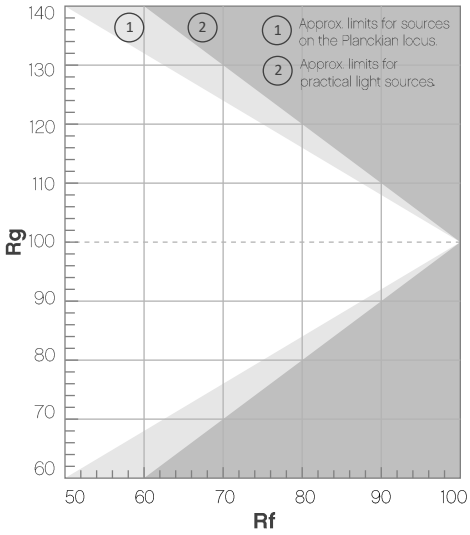
COLORado PXL Bar 8: Full Spot - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

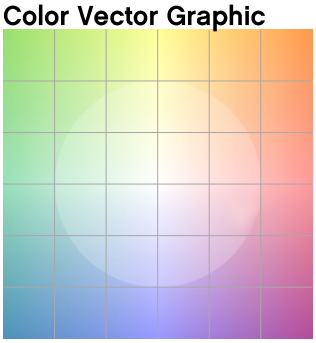
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

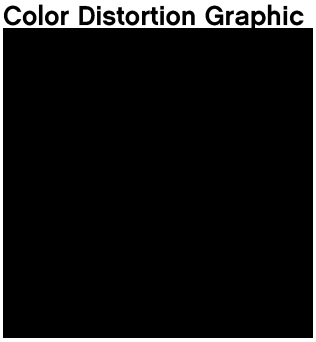
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



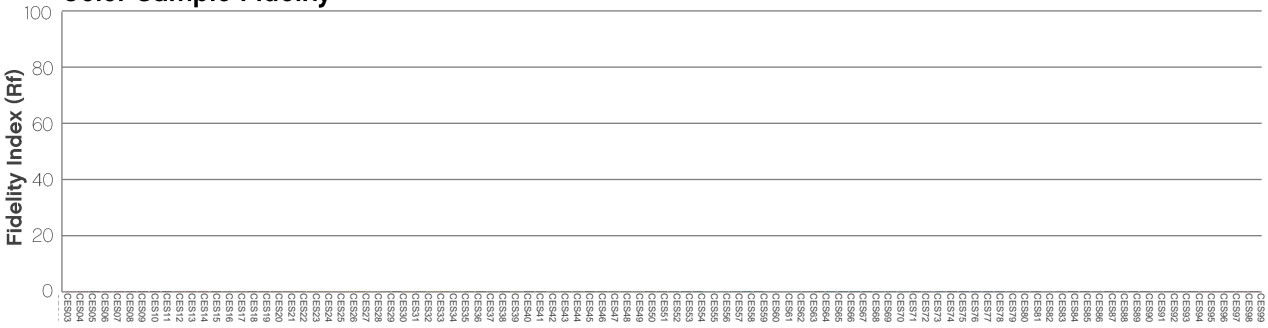
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

Report Summary

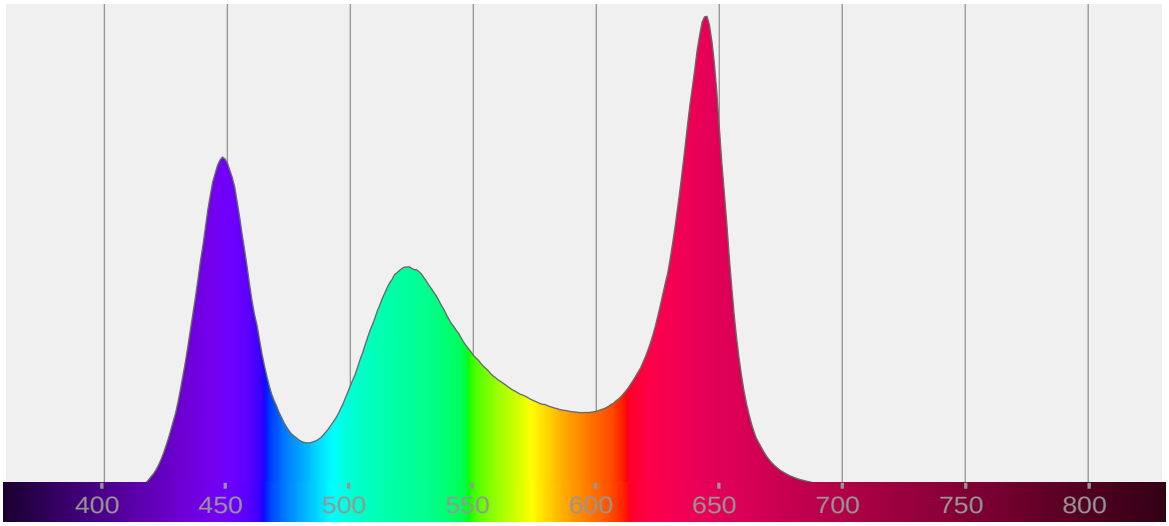
Measurements

Total Lumens: 2703 lm
Peak Intensity: 42661 cd
Fixture Efficacy: 8 lm/W

Correlated Color Temperature: 6121K
Δuv: -0.0123

CRI: 64.0 CRI R9 Value: -96.7
CQS: 82.6
TLCI: 48
TM-30-18 Rf: 76.6
TM-30-18 Rg: 120.9
1st Dominant Wavelength: 645 nM
2nd Dominant Wavelength: 448 nM

Spectral Distribution



Tested Color

6121 K
CIE 1931 Coordinates:
X: 0.321 Y: 0.314

Color Temperature

6121 K

Light Quality

CRI: 64.0

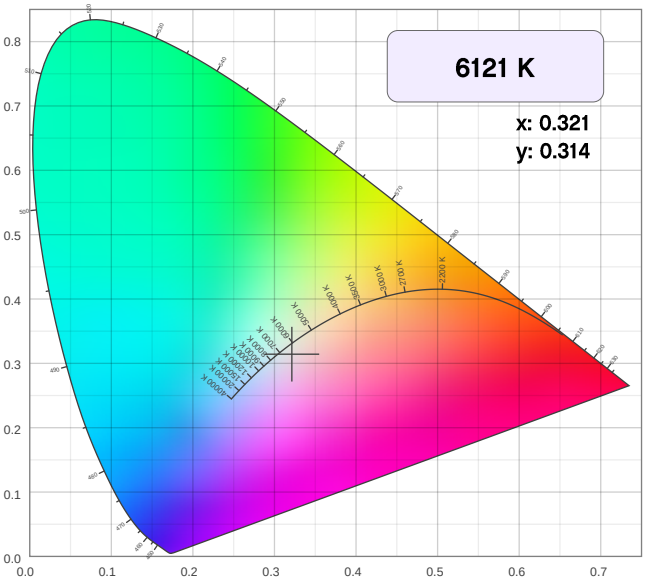
Notes:

Chromaticity Report

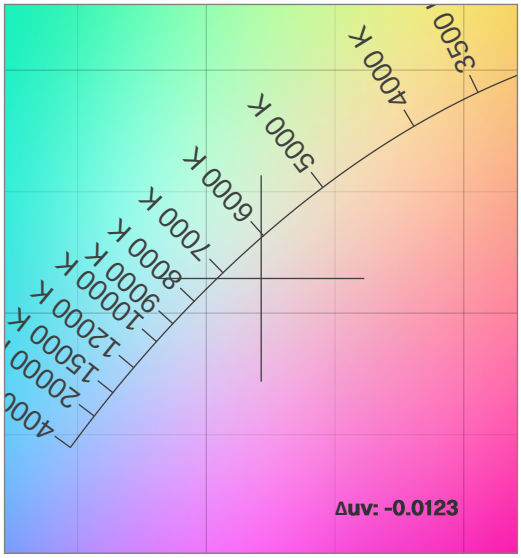
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

Chromaticity

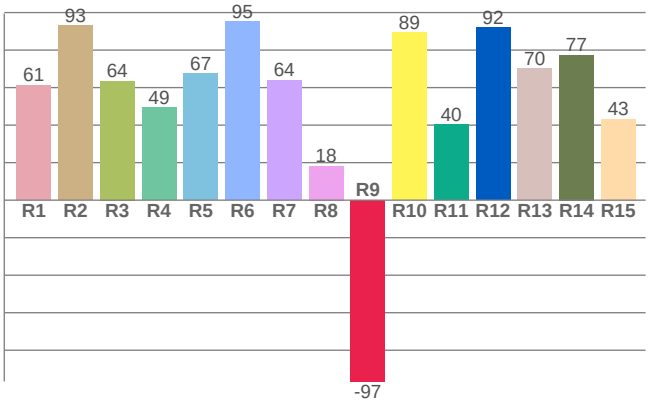
CIE 1931



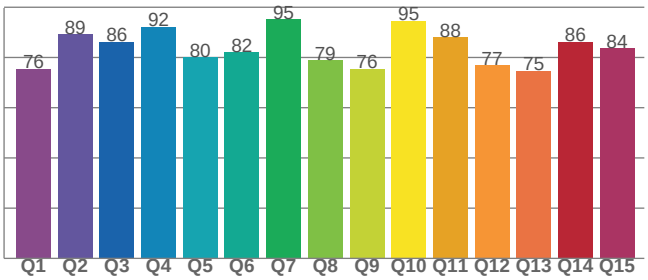
CIE 1931 - Zoom



CRI: 64.0 (R1-R8)



CQS: 82.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6121 K	0.321	0.314

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0123	0.314	0.210

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
64.0	-96.7	82.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
48	76.6	120.9

Chromaticity Report

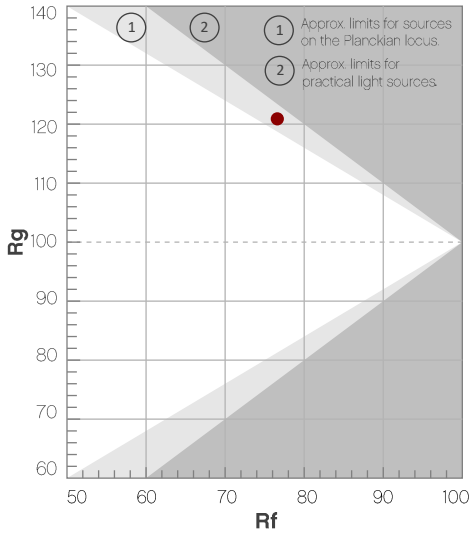
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration On

TM-30-18 Details

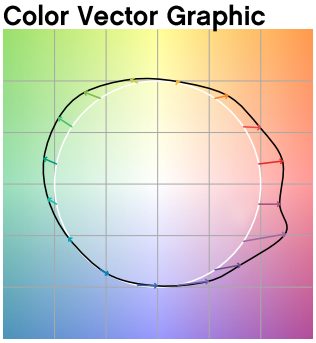
Rf 76.6
Fidelity Index (Rg)

Rg 120.9
Gamut Index (Rg)

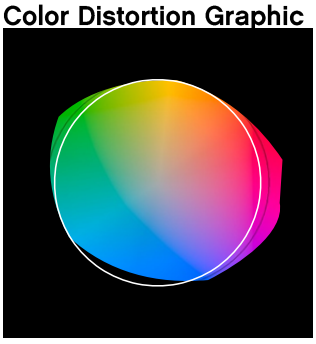
Hue Bin	R_f	Chroma Shift	Hue Shift
1	57	23%	-2%
2	74	13%	-10%
3	77	9%	-9%
4	94	1%	1%
5	85	5%	6%
6	77	13%	10%
7	77	15%	0%
8	77	13%	-3%
9	89	7%	-7%
10	89	1%	-4%
11	85	-1%	9%
12	73	-3%	19%
13	67	2%	30%
14	62	10%	23%
15	57	30%	28%
16	66	20%	4%



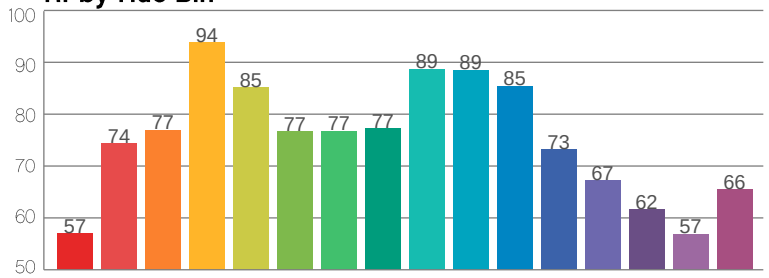
Color Vector Graphic



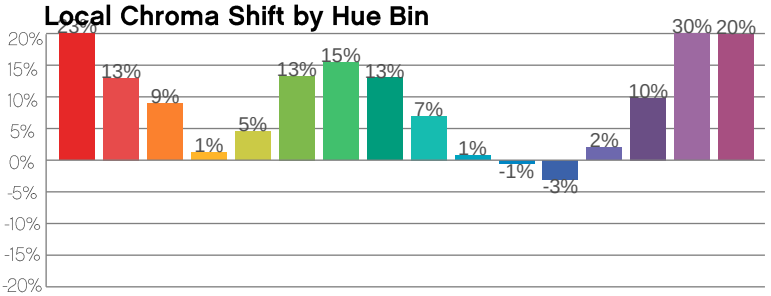
Color Distortion Graphic



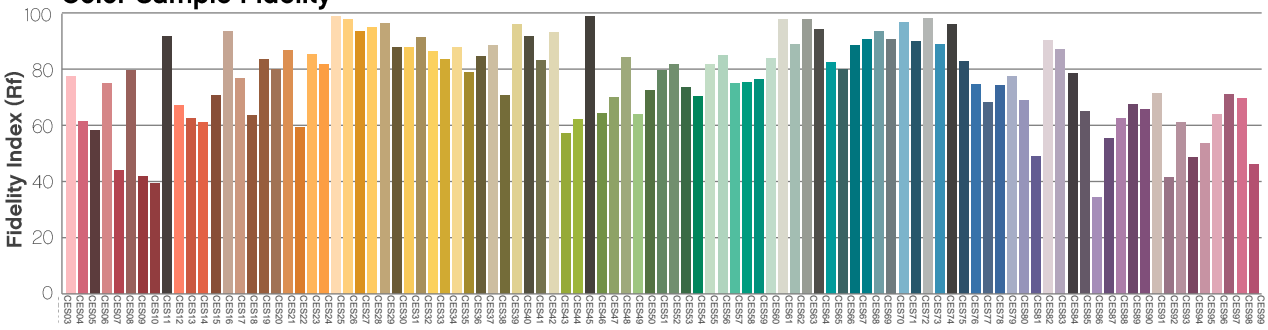
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

Report Summary

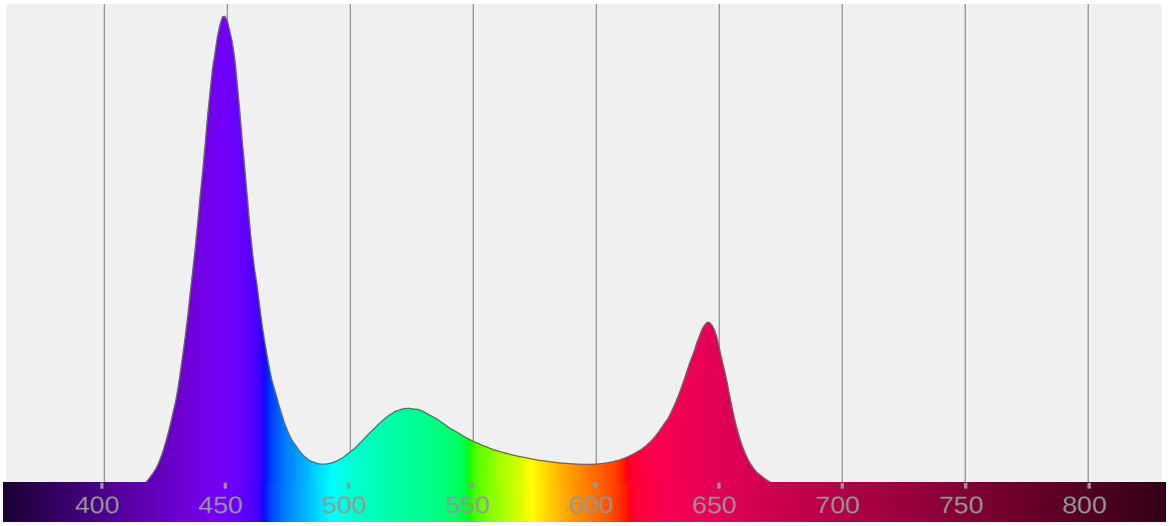
Measurements

Total Lumens: 2847 lm
Peak Intensity: 47335 cd
Fixture Efficacy: 7 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 646 nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.236 Y: 0.170

Color Temperature

0 K

Light Quality

CRI: 0.0

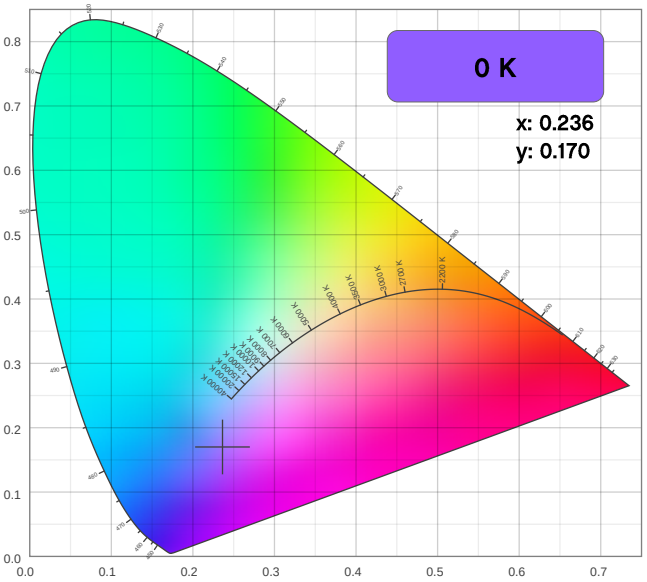
Notes:

Chromaticity Report

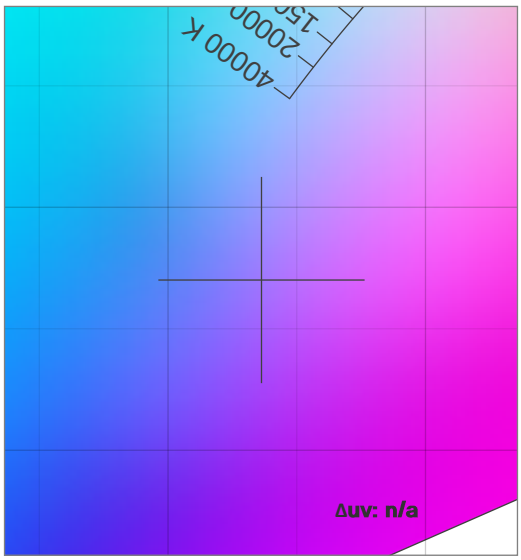
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

Chromaticity

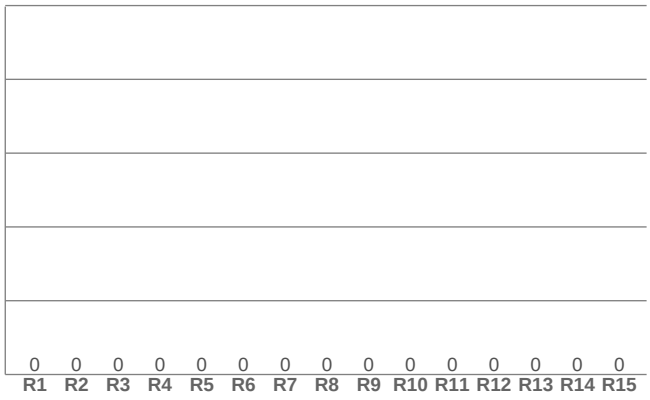
CIE 1931



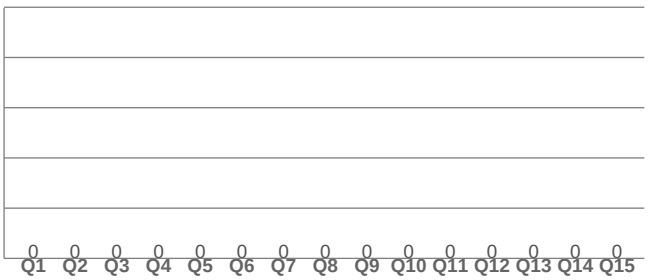
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.236	0.170

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.170	0.207

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

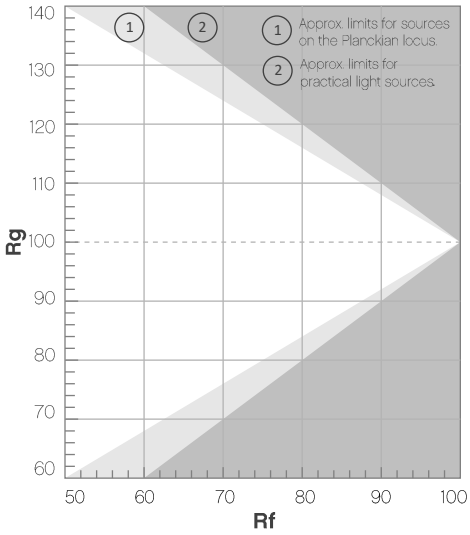
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off

TM-30-18 Details

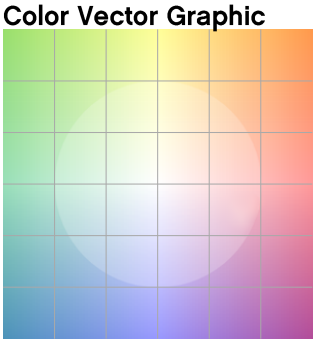
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

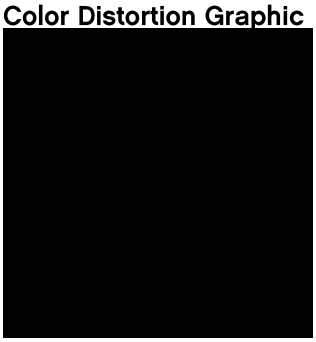


Color Vector Graphic



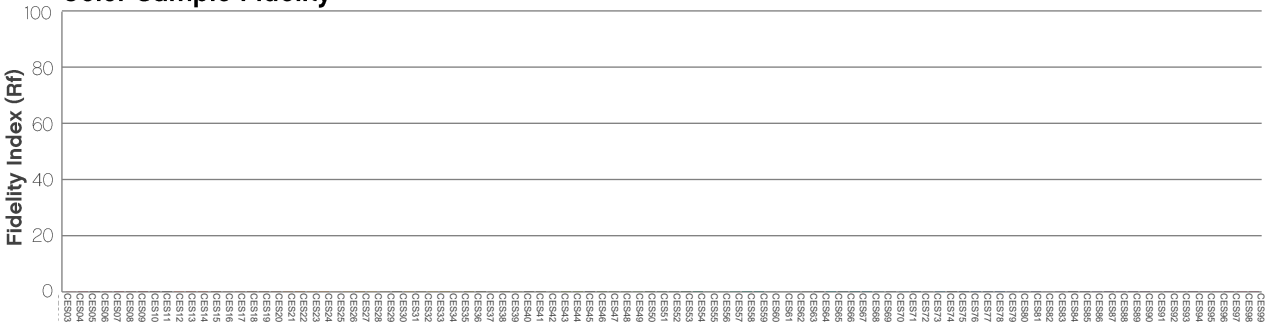
Rf by Hue Bin

Color Distortion Graphic



Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

Report Summary

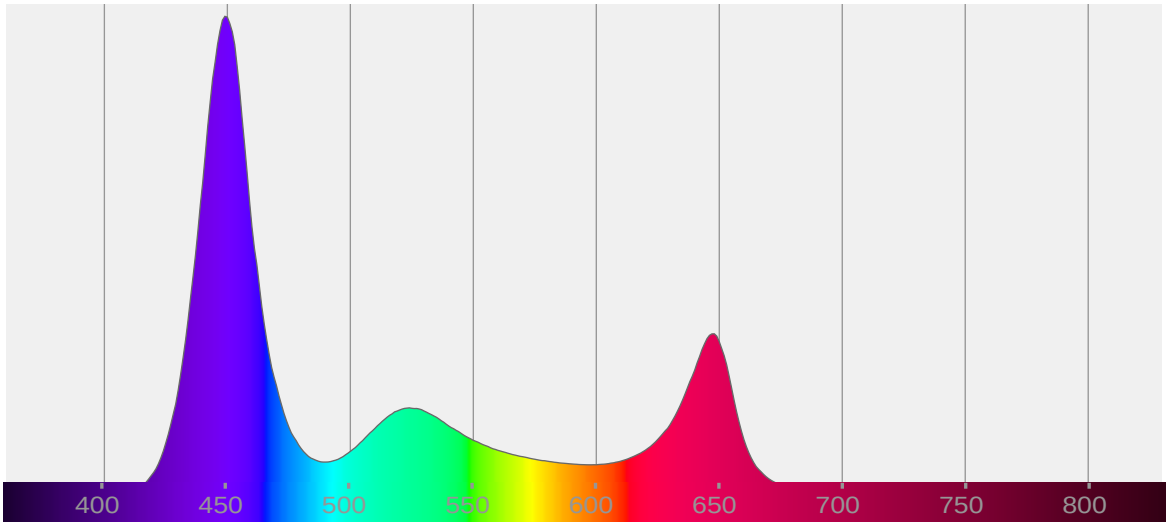
Measurements

Total Lumens: 2711 lm
Peak Intensity: 44026 cd
Fixture Efficacy: 6 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 449 nM
2nd Dominant Wavelength: 648 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.232 Y: 0.169

Color Temperature

0 K

Light Quality

CRI: 0.0

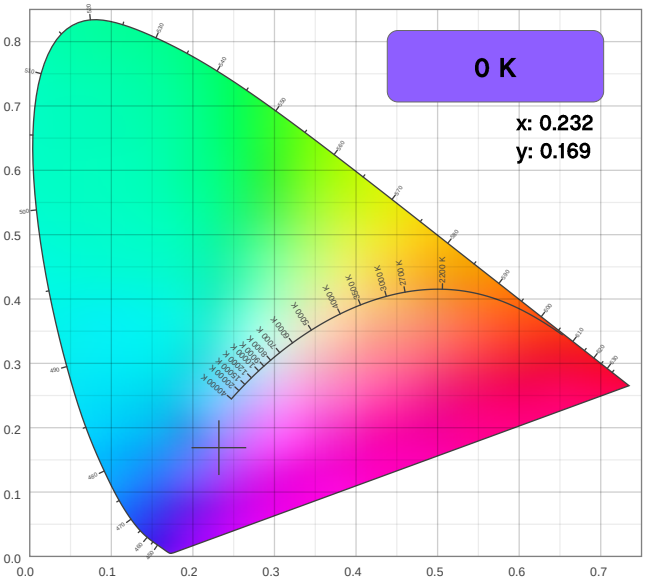
Notes:

Chromaticity Report

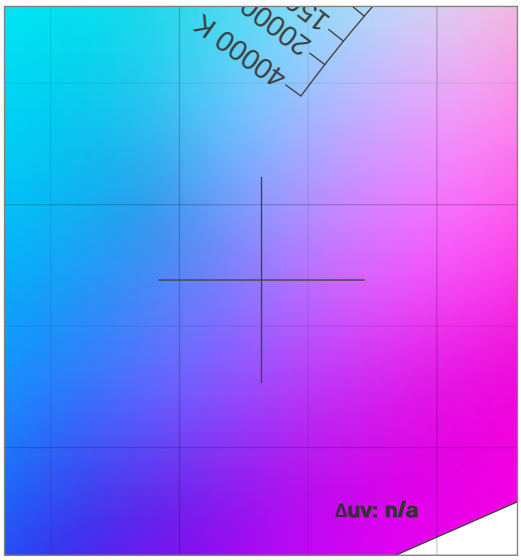
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

Chromaticity

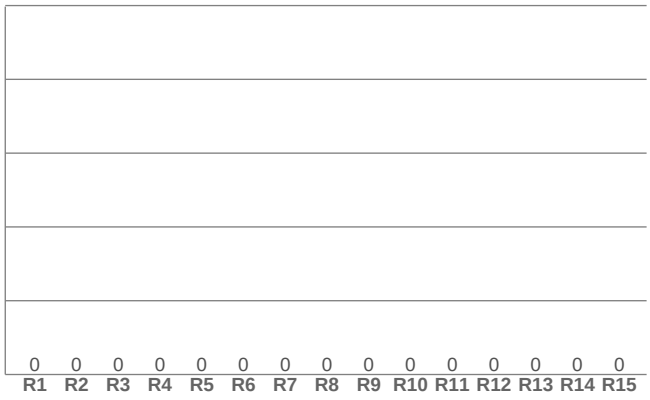
CIE 1931



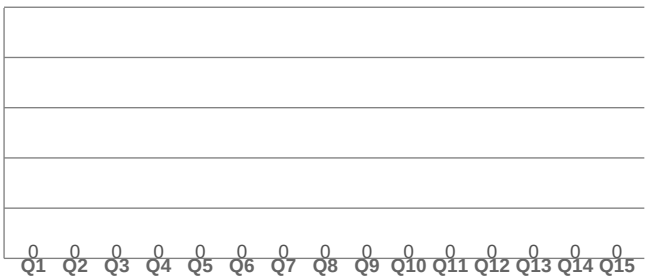
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.232	0.169

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.169	0.203

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

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

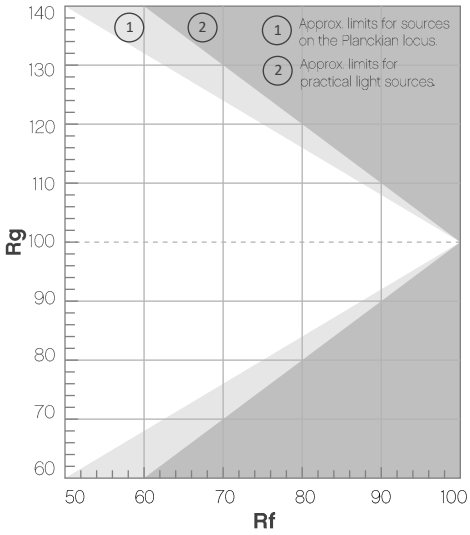
COLORado PXL Bar 8: 50% Zoom - Full Power - Calibration Off - Stable

TM-30-18 Details

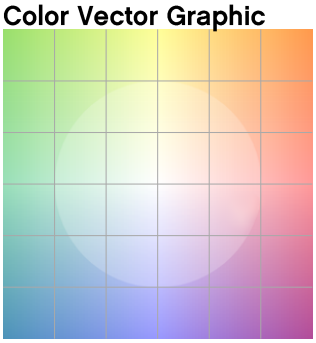
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

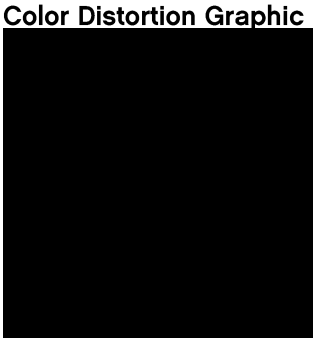
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



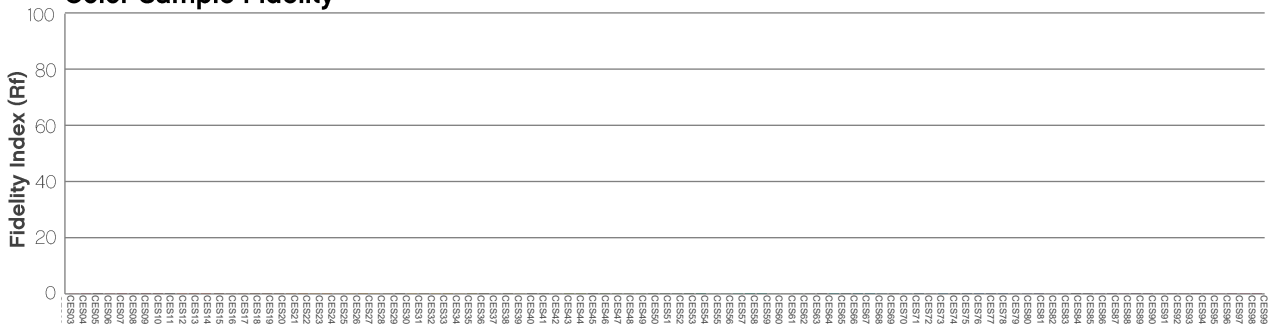
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

Report Summary

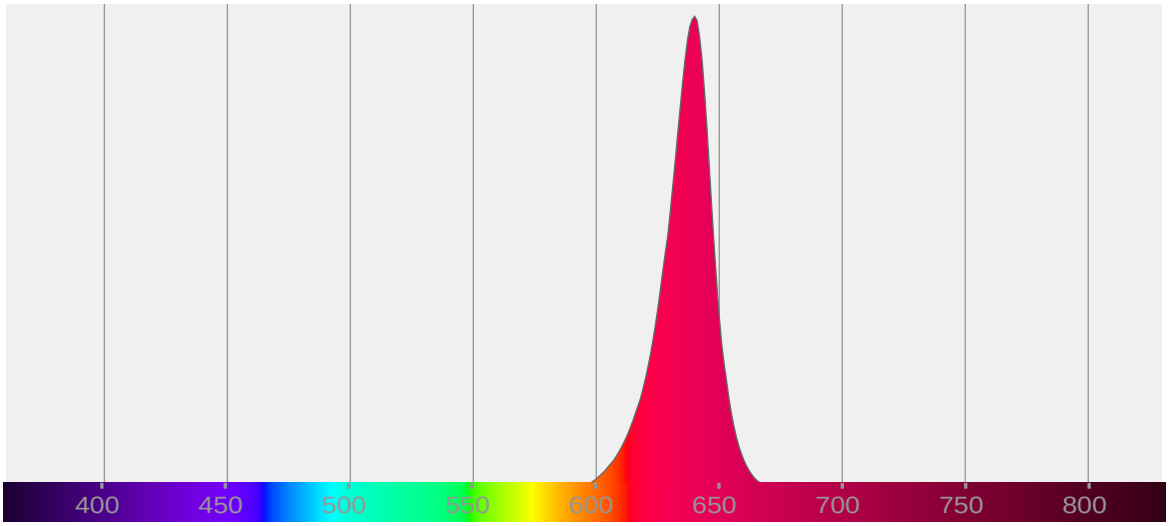
Measurements

Total Lumens: 600 lm
Peak Intensity: 9303 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 640 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.701 Y: 0.298

Color Temperature

0 K

Light Quality

CRI: 0.0

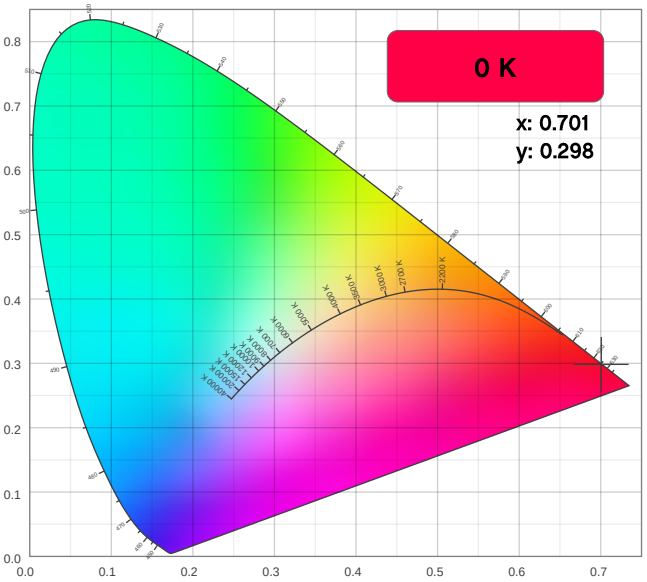
Notes:

Chromaticity Report

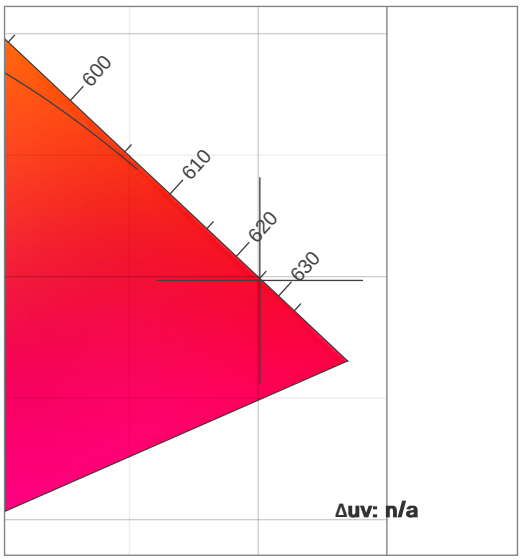
COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

Chromaticity

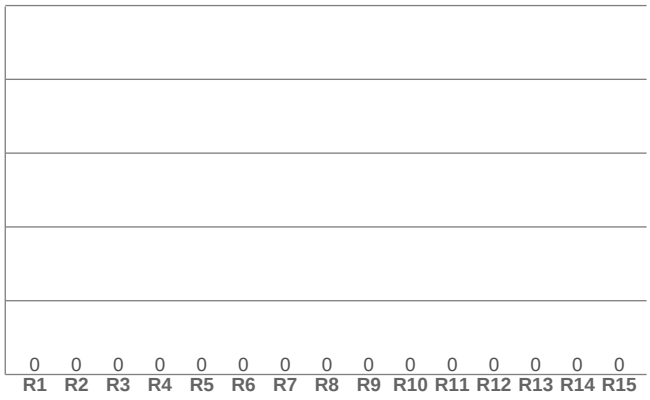
CIE 1931



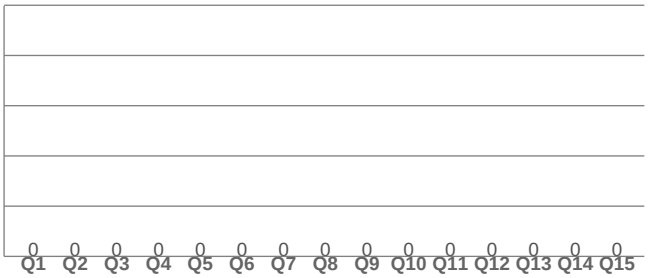
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

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

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.298	0.541

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

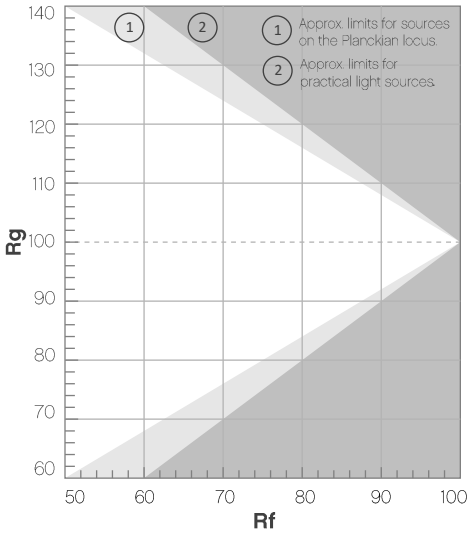
COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration On

TM-30-18 Details

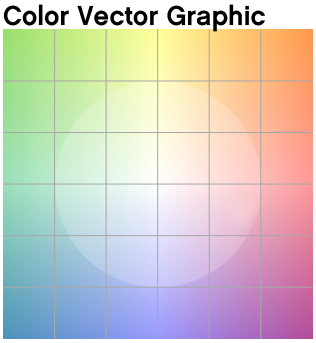
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

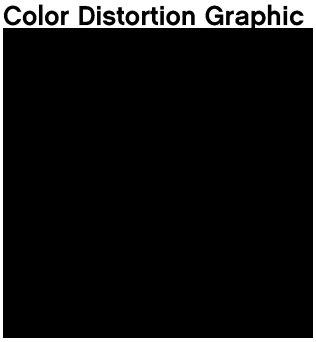
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



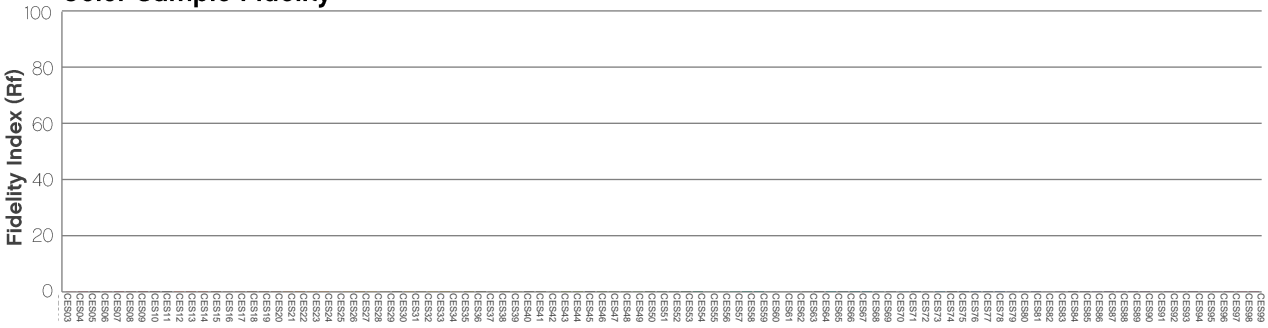
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

Report Summary

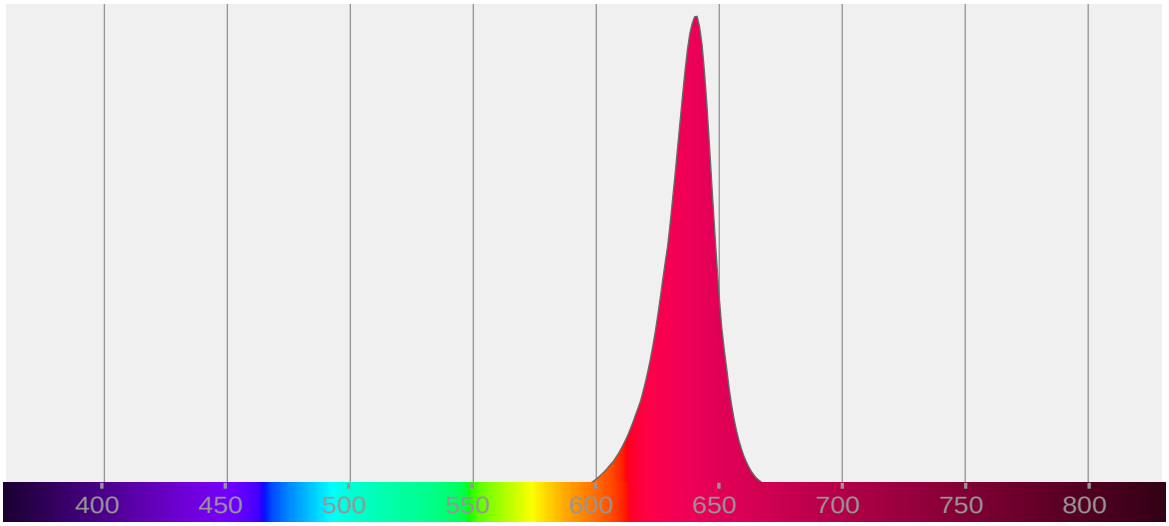
Measurements

Total Lumens: 576 lm
Peak Intensity: 9081 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 641 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.701 Y: 0.298

Color Temperature

0 K

Light Quality

CRI: 0.0

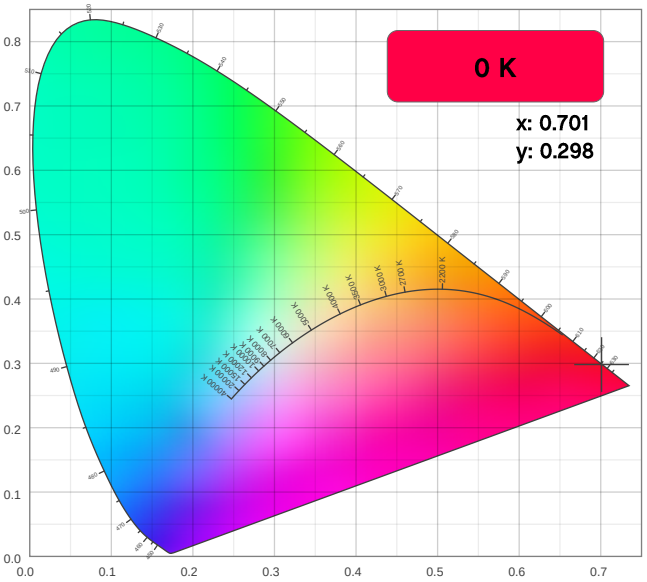
Notes:

Chromaticity Report

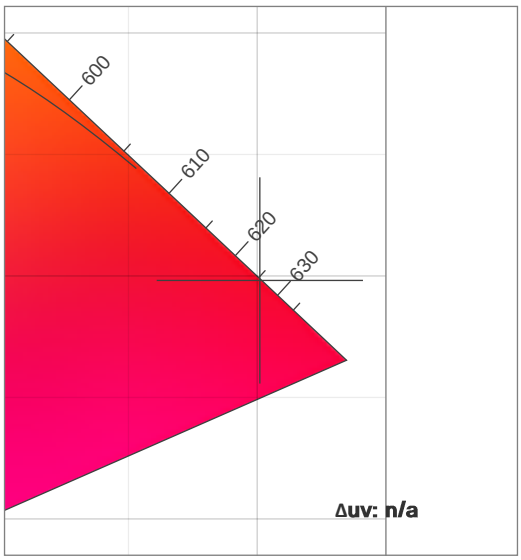
COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

Chromaticity

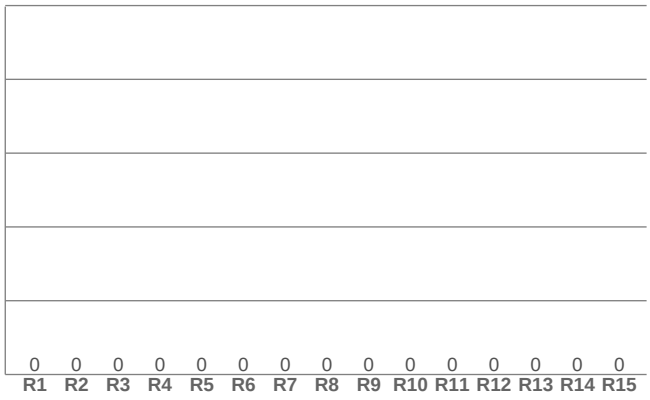
CIE 1931



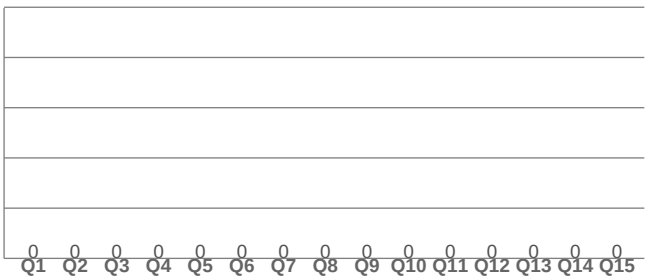
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.701	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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

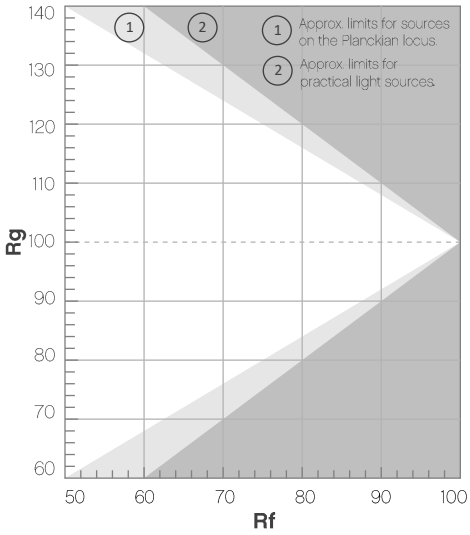
COLORado PXL Bar 8: 50% Zoom - Red Only - Calibration Off

TM-30-18 Details

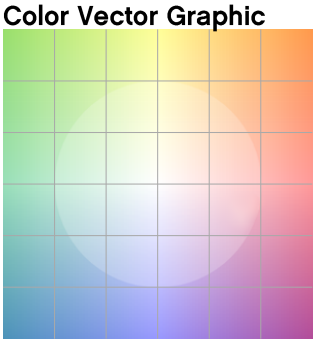
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

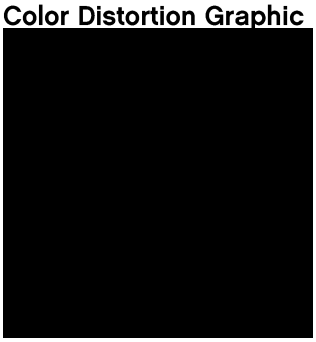
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



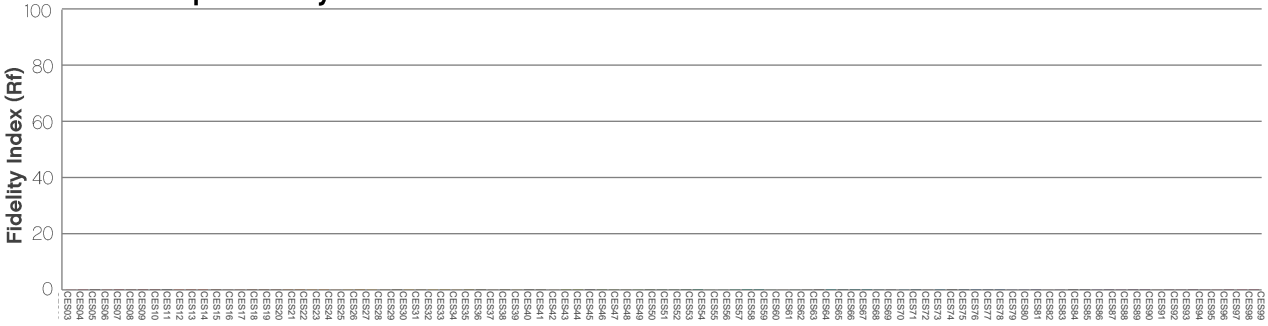
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

Report Summary

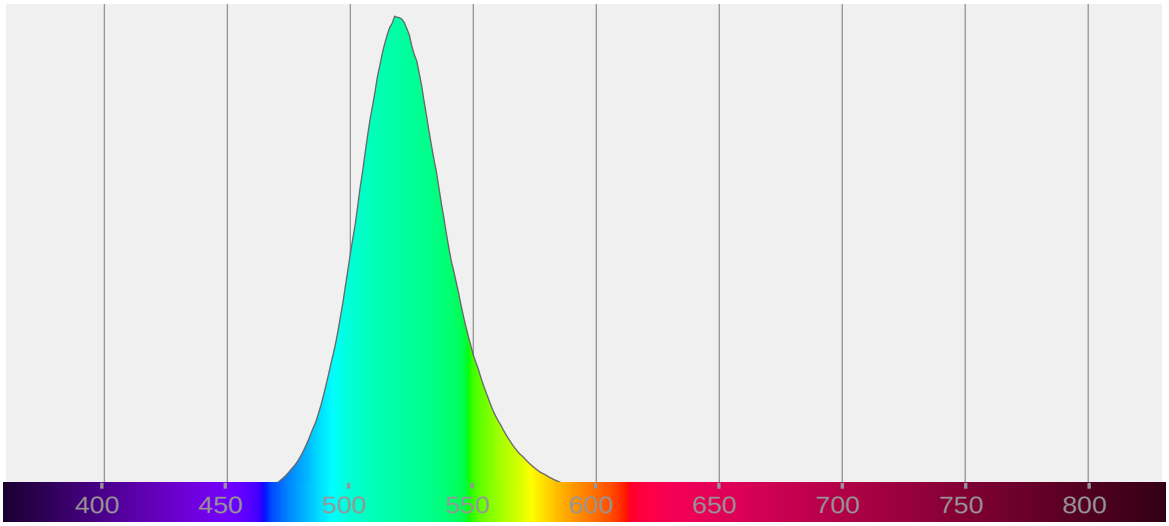
Measurements

Total Lumens: 973 lm
Peak Intensity: 16271 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.167 Y: 0.693

Color Temperature

0 K

Light Quality

CRI: 0.0

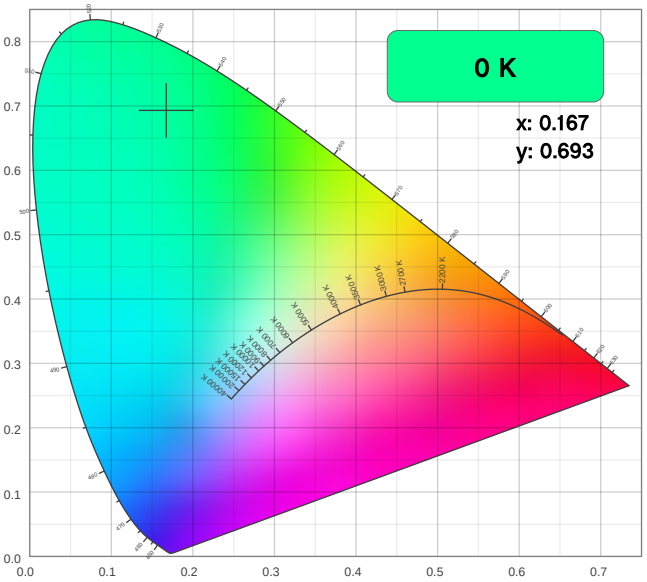
Notes:

Chromaticity Report

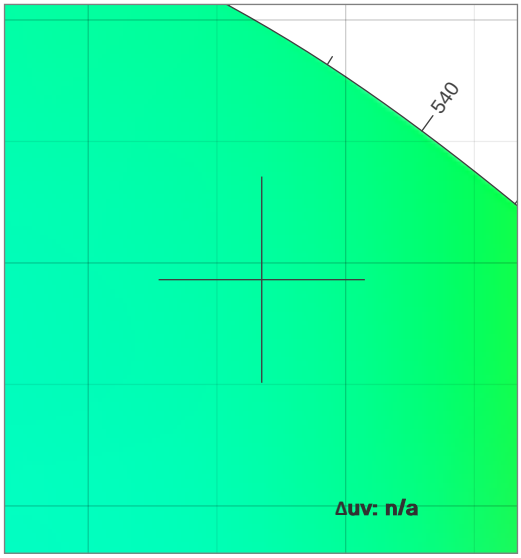
COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

Chromaticity

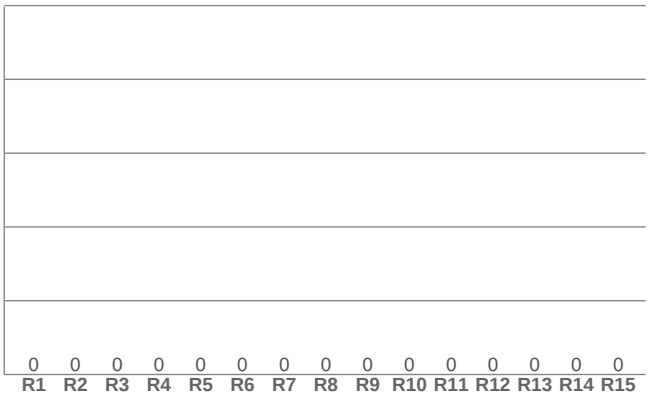
CIE 1931



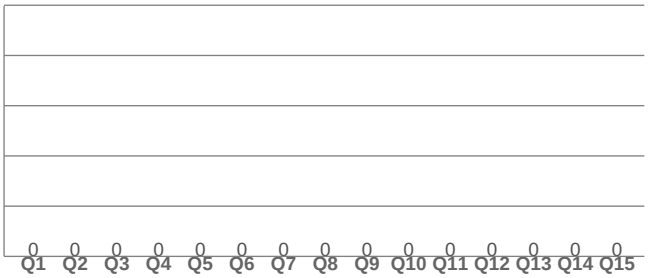
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.167	0.693

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.693	0.061

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

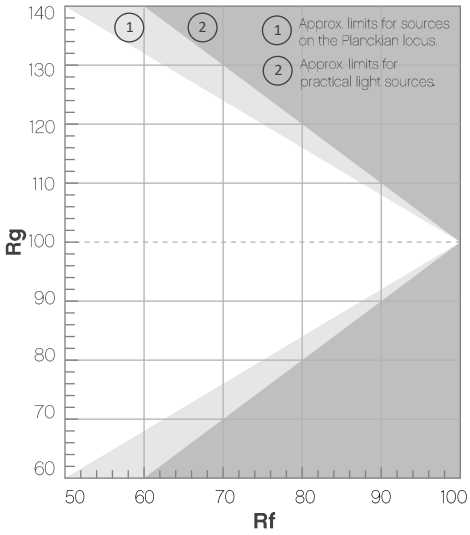
COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration On

TM-30-18 Details

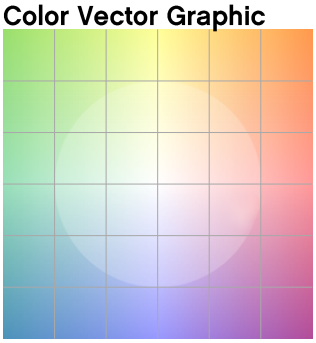
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

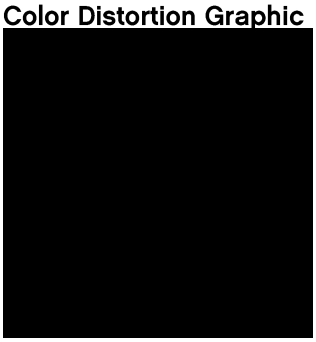
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



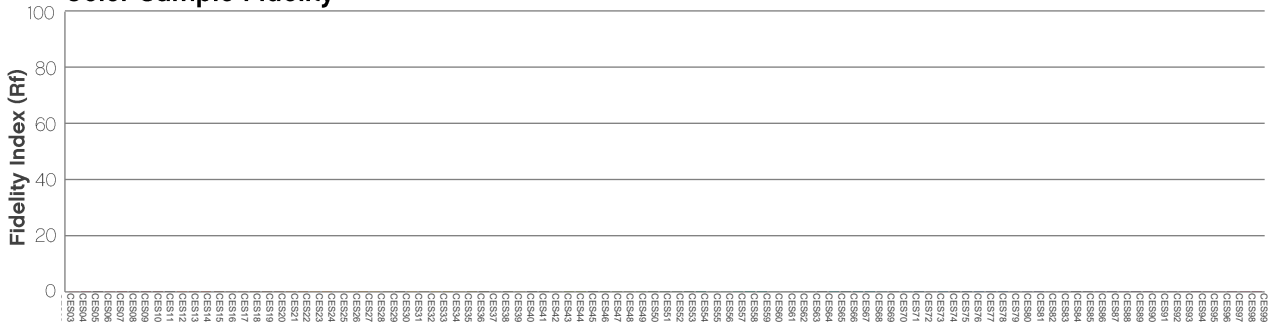
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

Report Summary

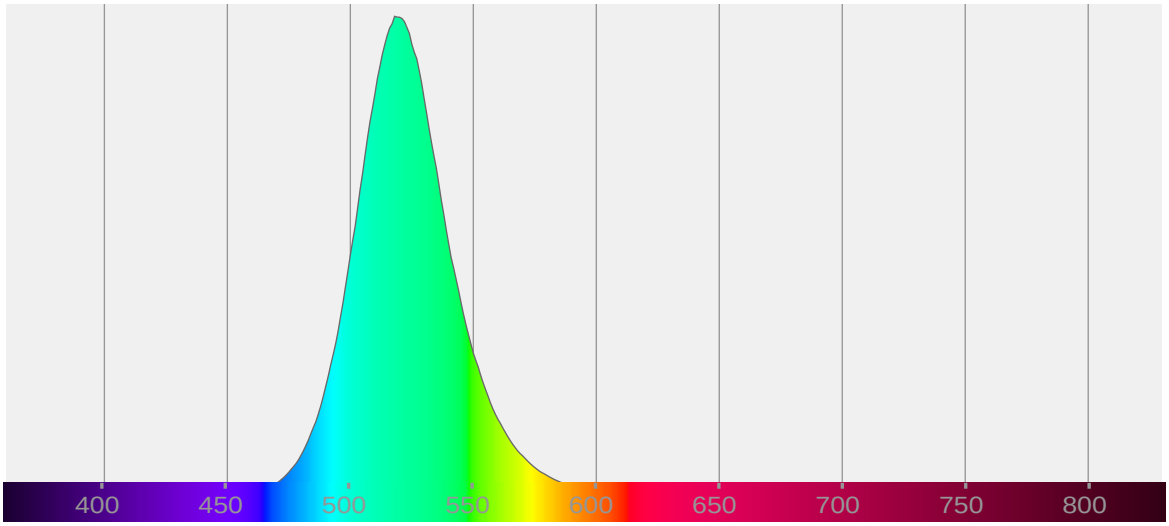
Measurements

Total Lumens: 955 lm
Peak Intensity: 16260 cd
Fixture Efficacy: 5 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.168 Y: 0.693

Color Temperature

0 K

Light Quality

CRI: 0.0

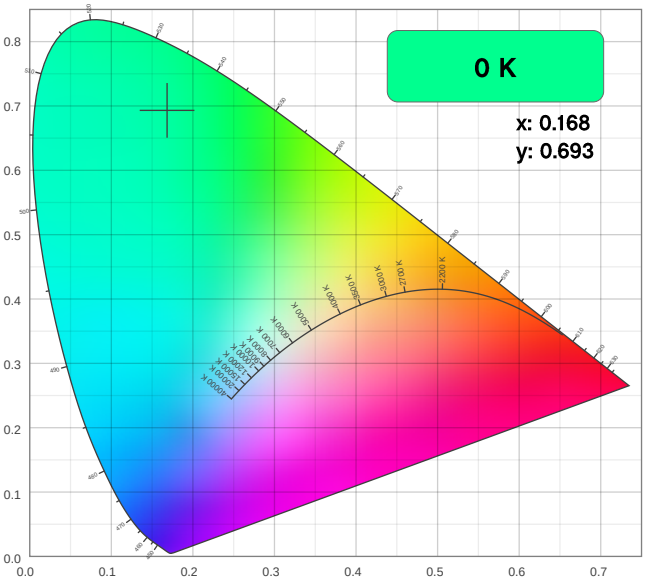
Notes:

Chromaticity Report

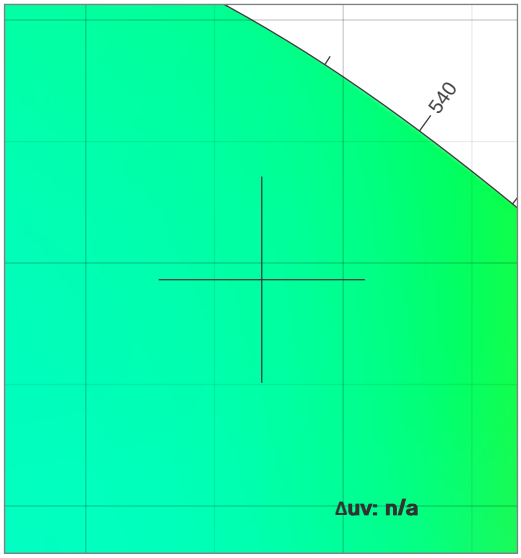
COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

Chromaticity

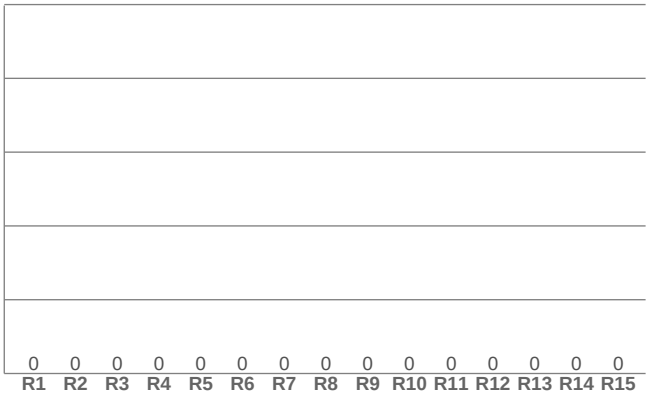
CIE 1931



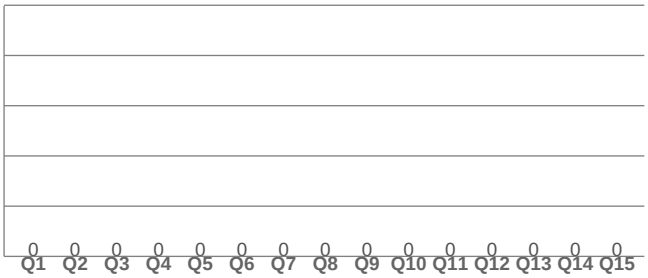
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.168	0.693

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.693	0.061

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

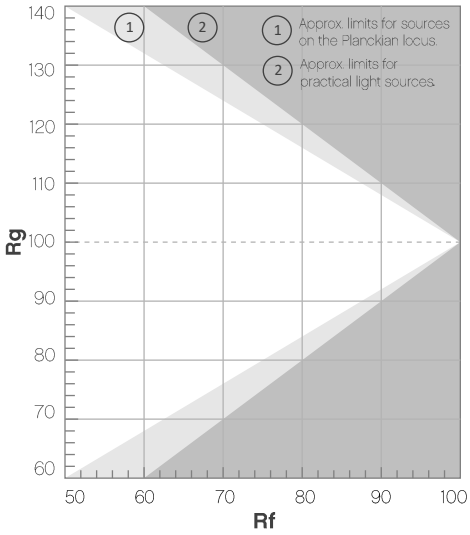
COLORado PXL Bar 8: 50% Zoom - Green Only - Calibration Off

TM-30-18 Details

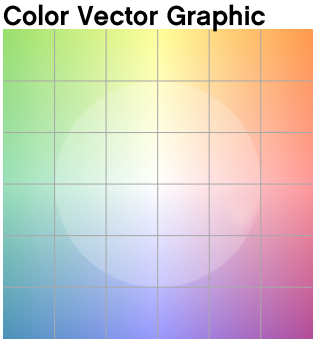
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

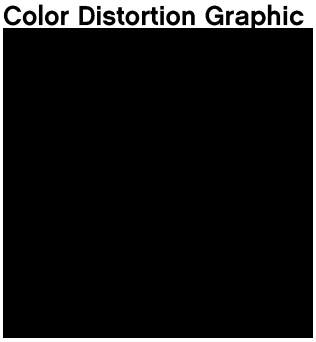
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



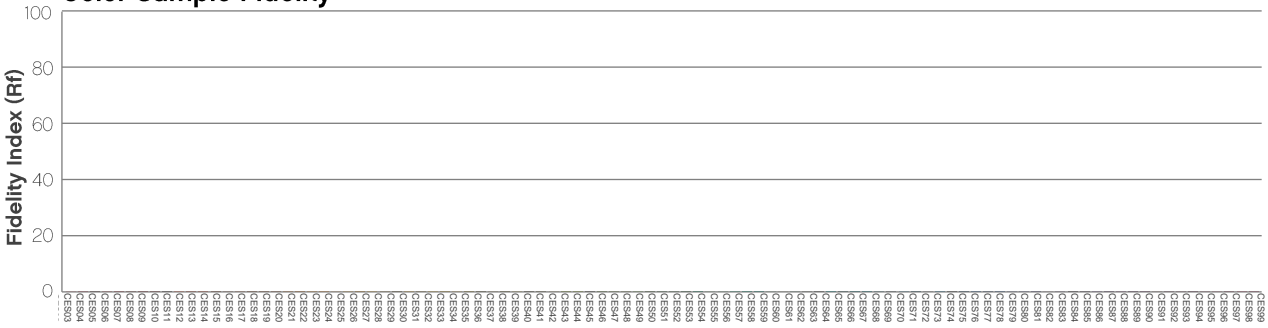
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

Report Summary

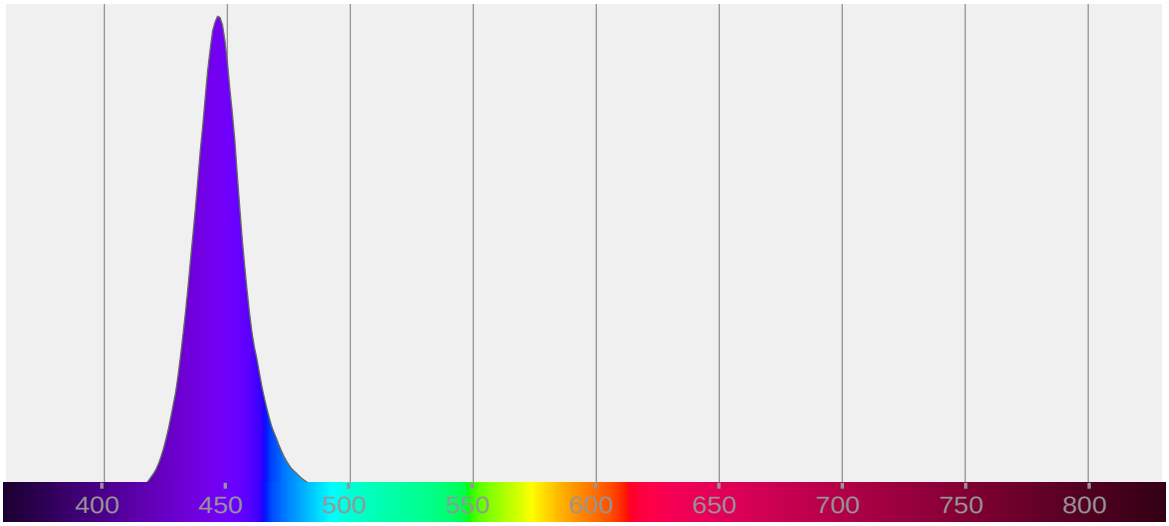
Measurements

Total Lumens: 317 lm
Peak Intensity: 5002 cd
Fixture Efficacy: 2 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.157 Y: 0.022

Color Temperature

0 K

Light Quality

CRI: 0.0

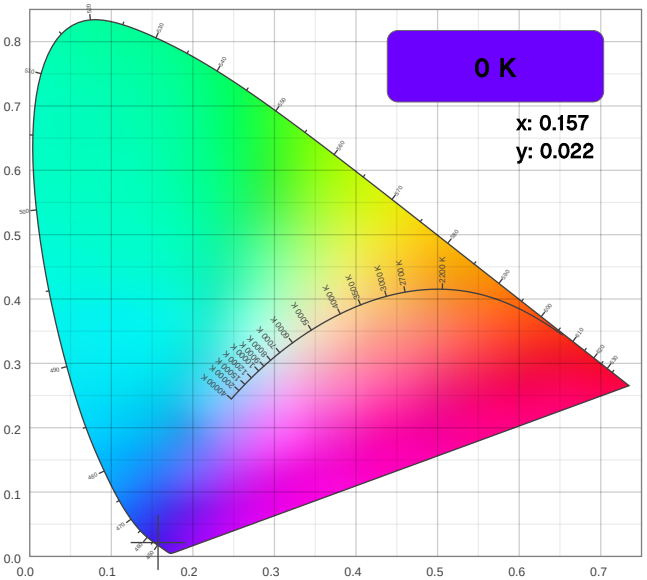
Notes:

Chromaticity Report

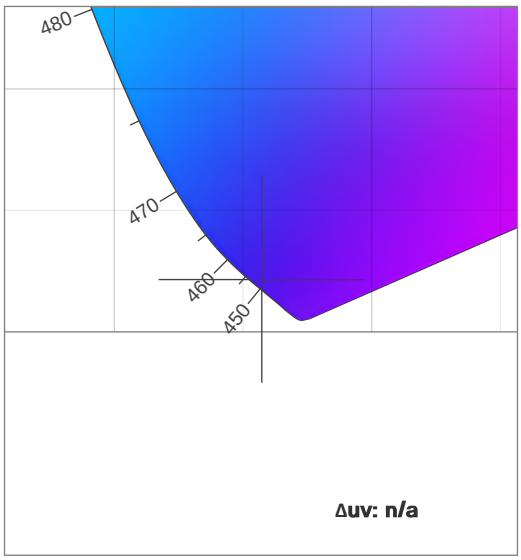
COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

Chromaticity

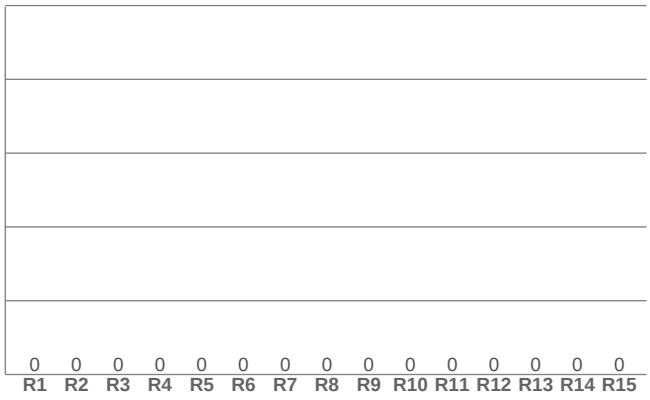
CIE 1931



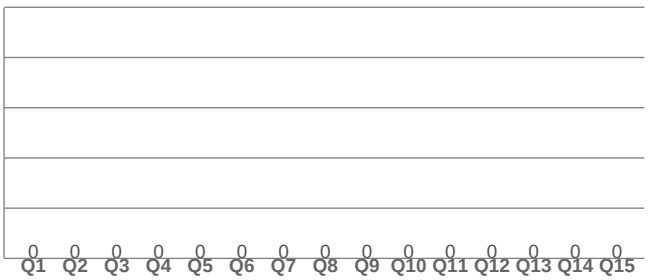
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.157	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.022	0.214

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

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

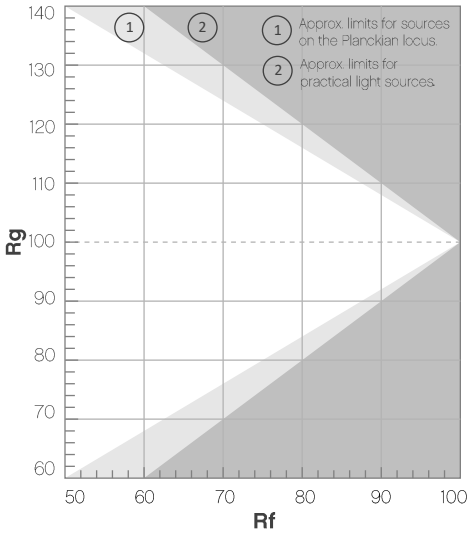
COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration On

TM-30-18 Details

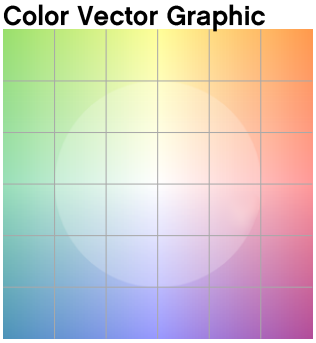
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

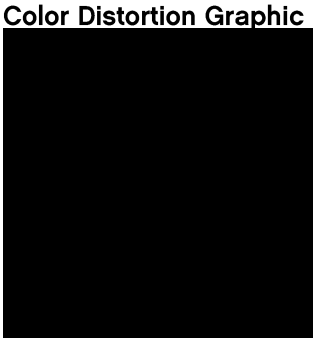
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



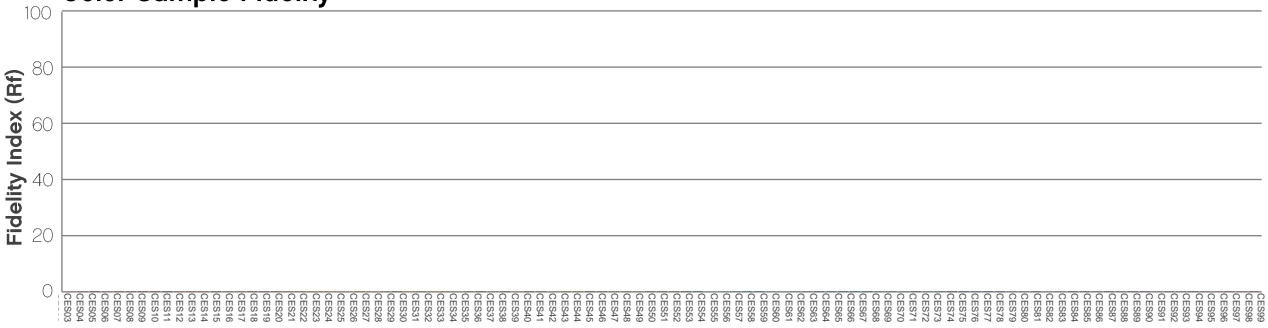
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

Report Summary

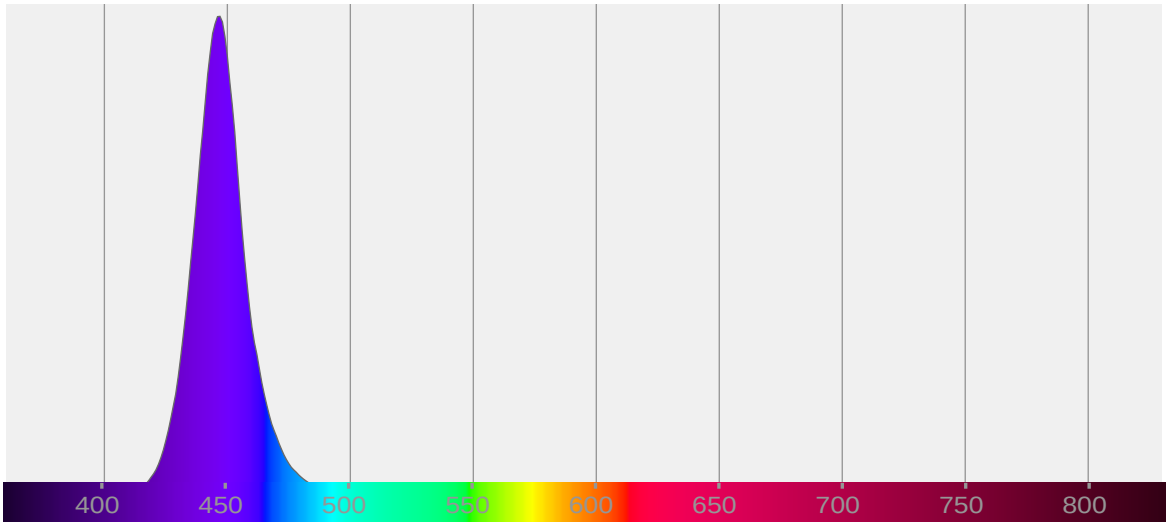
Measurements

Total Lumens: 344 lm
Peak Intensity: 5012 cd
Fixture Efficacy: 2 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 447 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.157 Y: 0.022

Color Temperature

0 K

Light Quality

CRI: 0.0

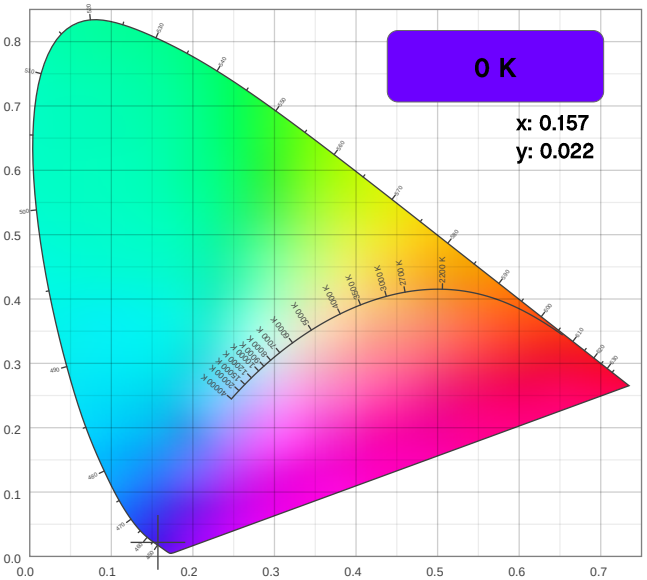
Notes:

Chromaticity Report

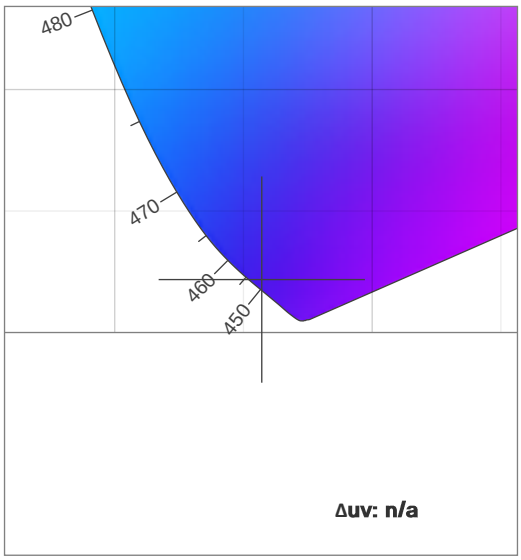
COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

Chromaticity

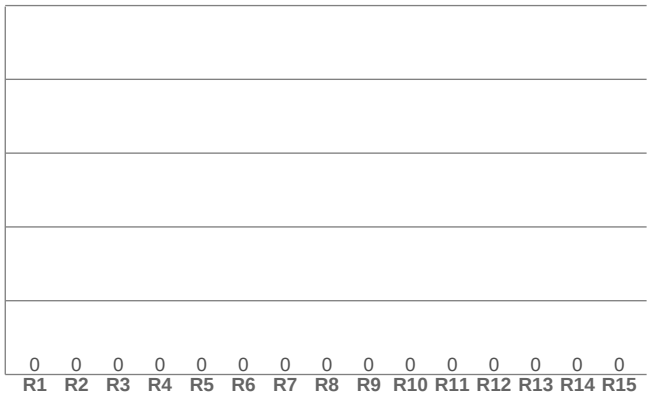
CIE 1931



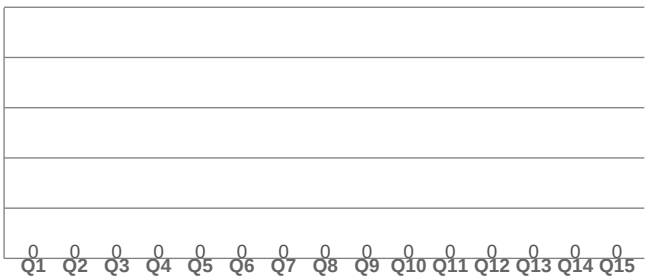
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.157	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.022	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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

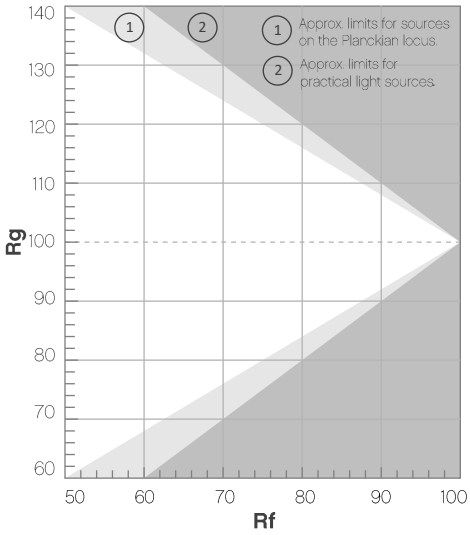
COLORado PXL Bar 8: 50% Zoom - Blue Only - Calibration Off

TM-30-18 Details

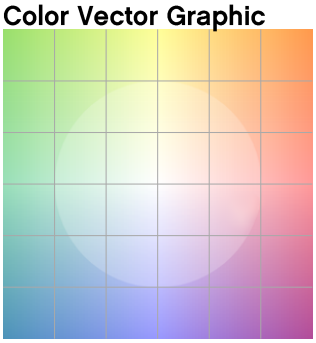
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

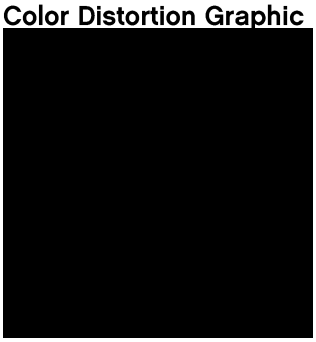
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



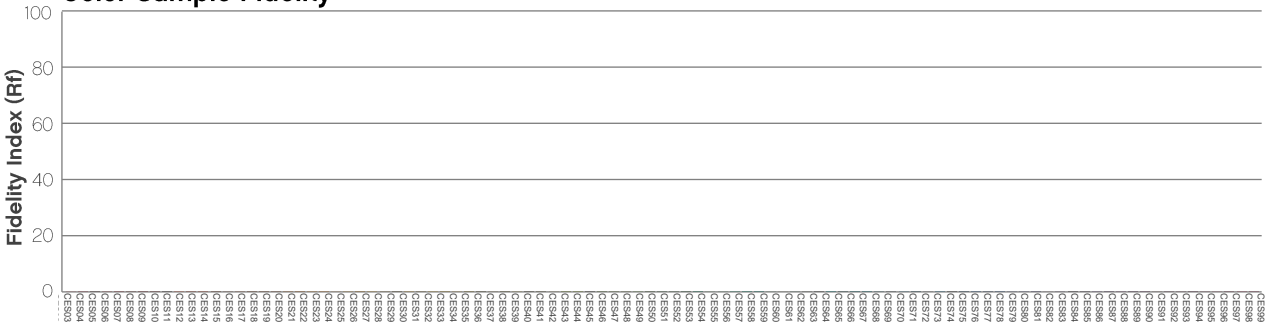
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

Report Summary

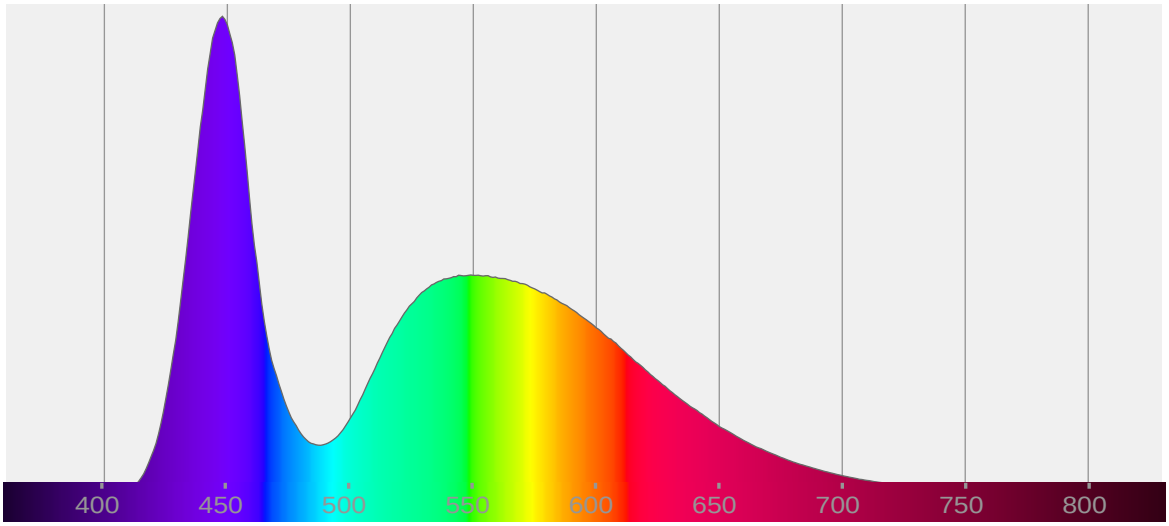
Measurements

Total Lumens: 1537 lm
Peak Intensity: 24448 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 7755K
Δuv: -0.0083

CRI: 74.7 CRI R9 Value: -0.2
CQS: 69.2
TLCI: 49
TM-30-18 Rf: 71.8
TM-30-18 Rg: 95.9
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

7755 K
CIE 1931 Coordinates:
X: 0.300 Y: 0.300

Color Temperature

7755 K

Light Quality

CRI: 74.7

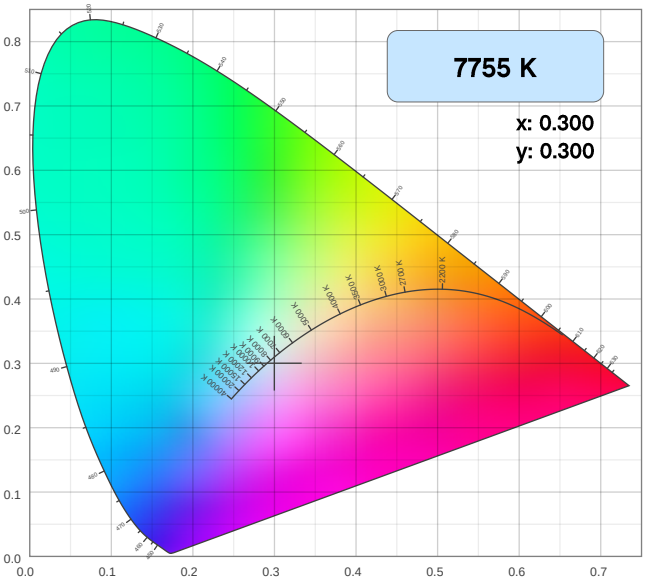
Notes:

Chromaticity Report

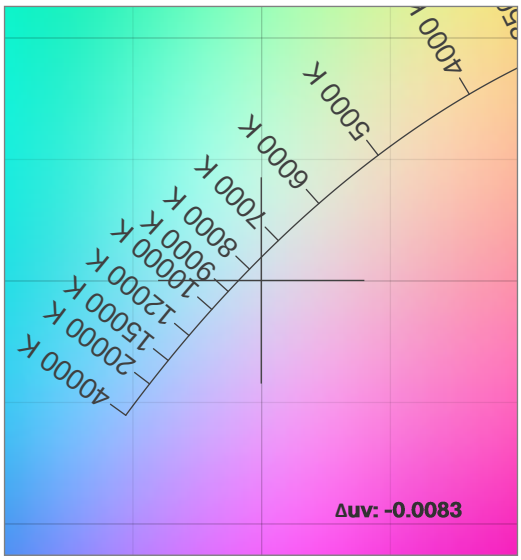
COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

Chromaticity

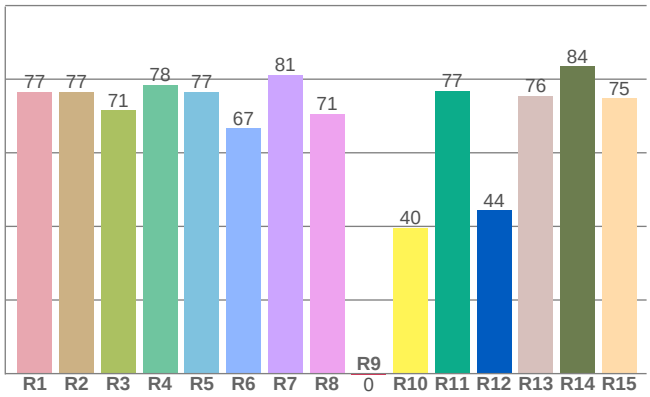
CIE 1931



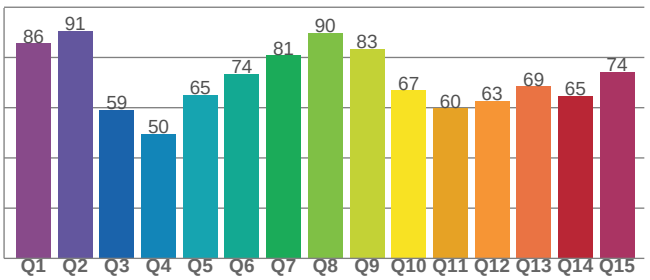
CIE 1931 - Zoom



CRI: 74.7 (R1-R8)



CQS: 69.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7755 K	0.300	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0083	0.300	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.7	-0.2	69.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	71.8	95.9

Chromaticity Report

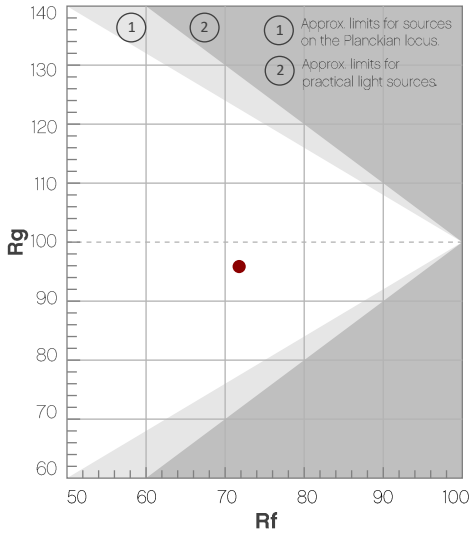
COLORado PXL Bar 8: 50% Zoom - White Only - Calibration On

TM-30-18 Details

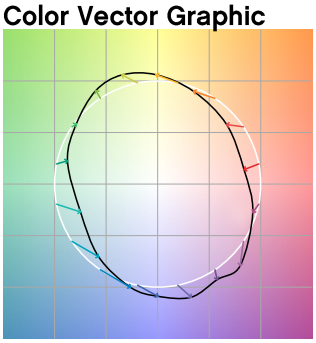
Rf 71.8
Fidelity Index (Rg)

Rg 95.9
Gamut Index (Rg)

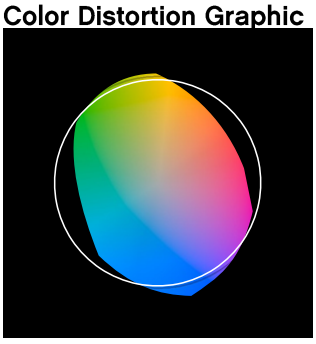
Hue Bin	R_f	Chroma Shift	Hue Shift
1	72	-15%	-3%
2	71	-12%	11%
3	66	-6%	21%
4	64	4%	22%
5	72	11%	13%
6	85	9%	-1%
7	92	-2%	-5%
8	80	-10%	-5%
9	75	-21%	12%
10	58	-13%	27%
11	43	-2%	34%
12	69	7%	22%
13	78	14%	11%
14	82	9%	-3%
15	73	11%	-21%
16	82	-4%	-9%



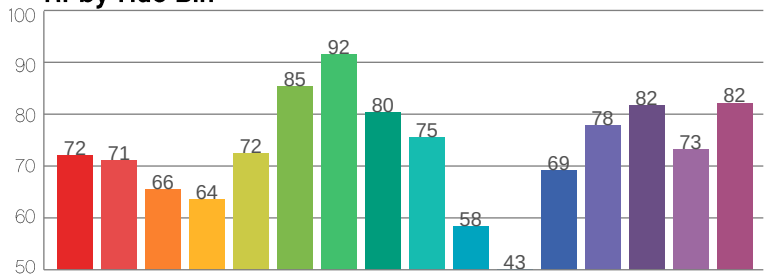
Color Vector Graphic



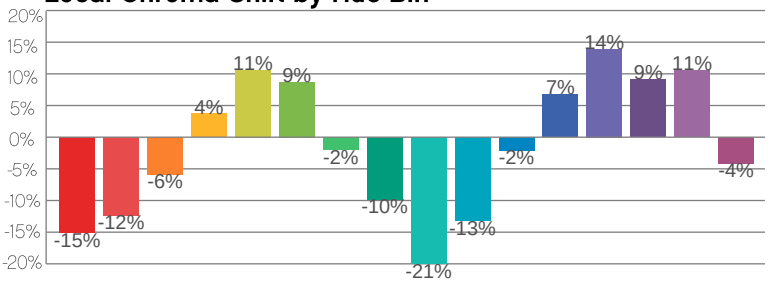
Color Distortion Graphic



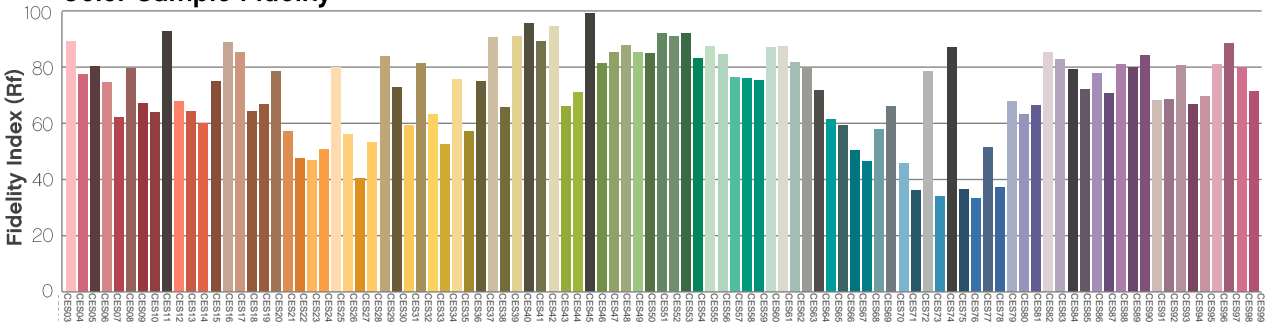
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

Report Summary

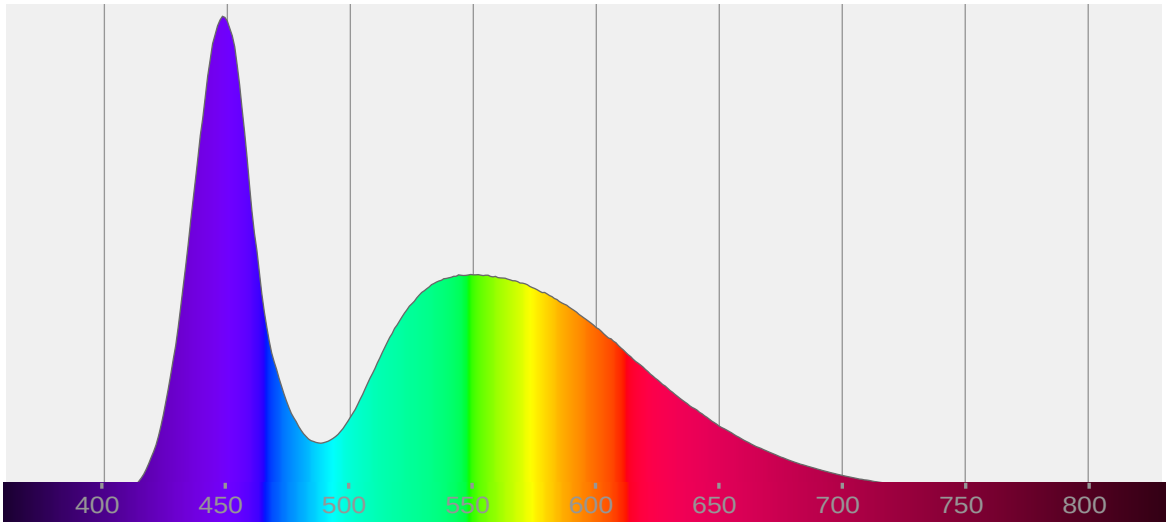
Measurements

Total Lumens: 1510 lm
Peak Intensity: 24171 cd
Fixture Efficacy: 8 lm/W

Correlated Color Temperature: 7804K
Δuv: -0.0082

CRI: 75.1 CRI R9 Value: 0.7
CQS: 69.5
TLCI: 50
TM-30-18 Rf: 72.2
TM-30-18 Rg: 95.7
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

7804 K
CIE 1931 Coordinates:
X: 0.299 Y: 0.300

Color Temperature

7804 K

Light Quality

CRI: 75.1

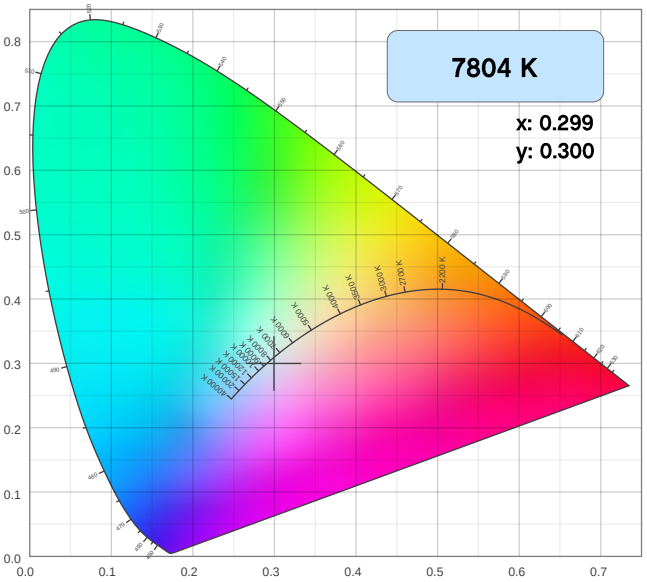
Notes:

Chromaticity Report

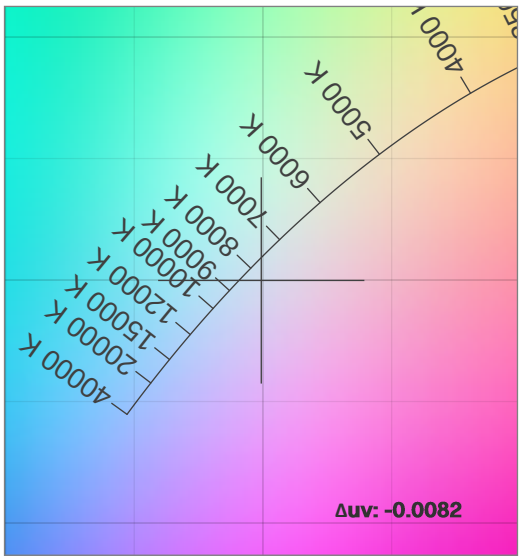
COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

Chromaticity

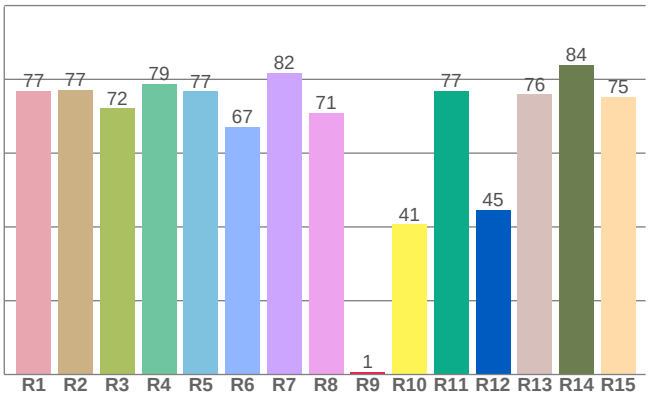
CIE 1931



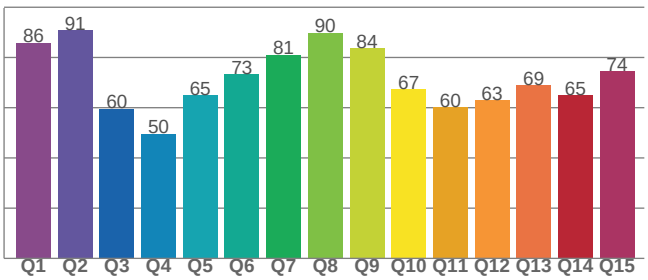
CIE 1931 - Zoom



CRI: 75.1 (R1-R8)



CQS: 69.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7804 K	0.299	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0082	0.300	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
75.1	0.7	69.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
50	72.2	95.7

Chromaticity Report

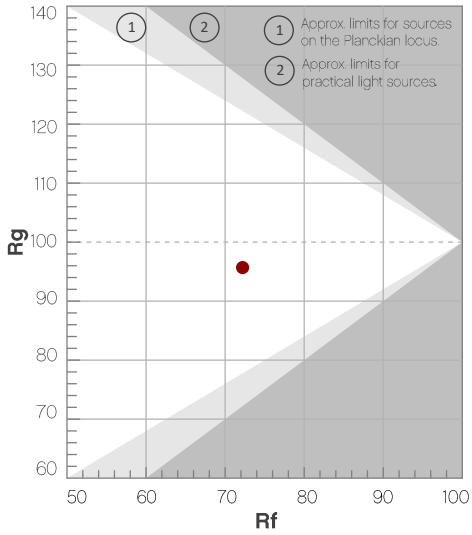
COLORado PXL Bar 8: 50% Zoom - White Only - Calibration Off

TM-30-18 Details

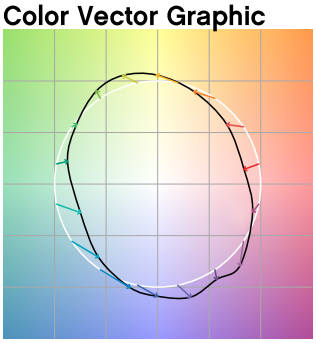
Rf 72.2
Fidelity Index (Rg)

Rg 95.7
Gamut Index (Rg)

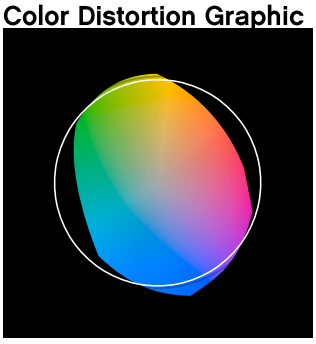
Hue Bin	R_f	Chroma Shift	Hue Shift
1	72	-15%	-2%
2	71	-12%	11%
3	66	-6%	20%
4	64	4%	22%
5	73	10%	13%
6	86	8%	-1%
7	92	-2%	-5%
8	81	-10%	-5%
9	75	-21%	13%
10	59	-13%	27%
11	44	-2%	33%
12	70	7%	21%
13	78	14%	10%
14	82	9%	-4%
15	73	10%	-22%
16	82	-4%	-9%



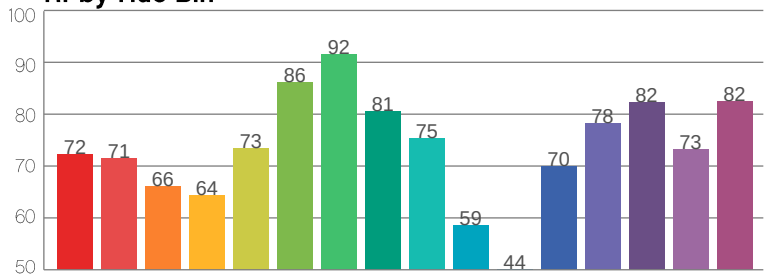
Color Vector Graphic



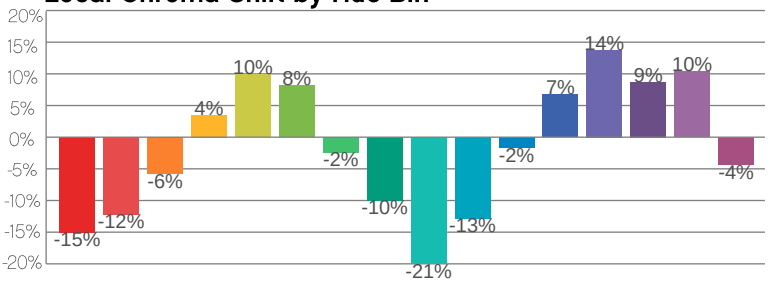
Color Distortion Graphic



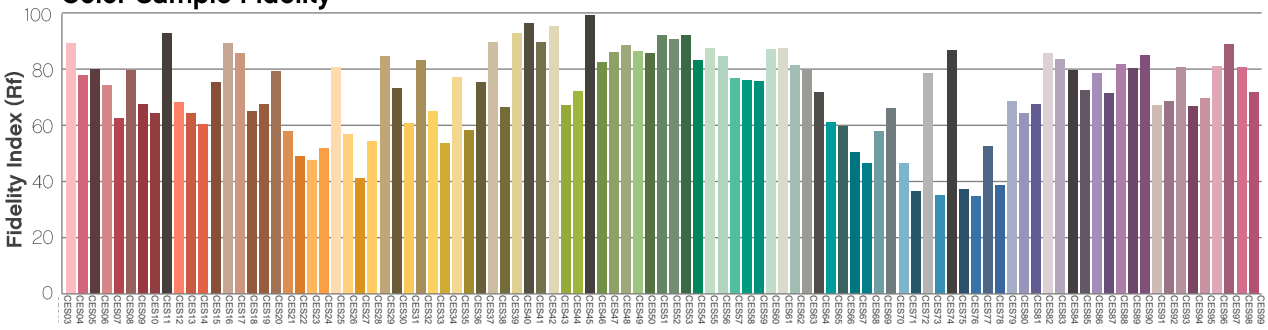
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

Report Summary

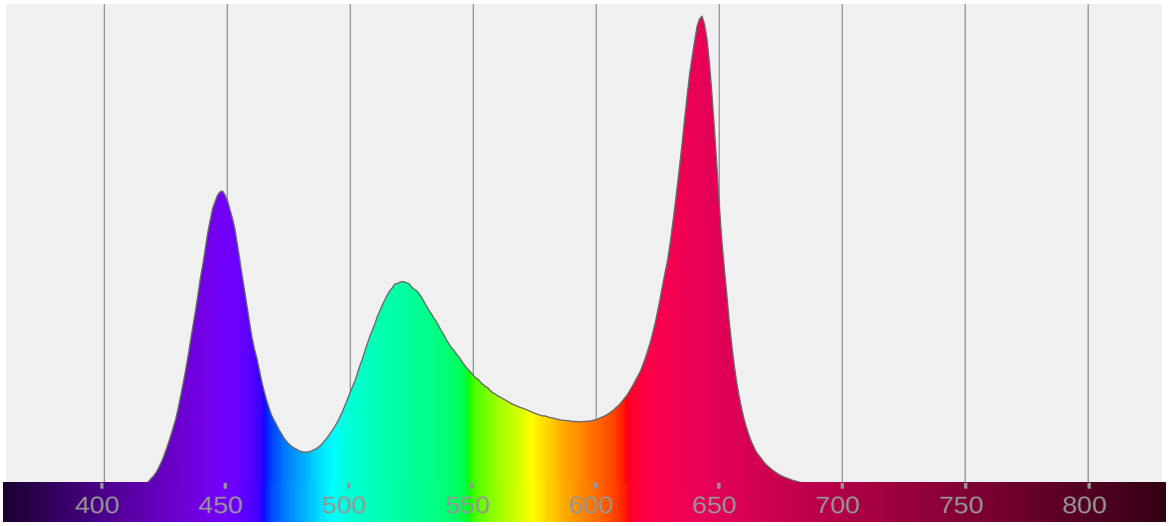
Measurements

Total Lumens: 361 lm
Peak Intensity: 5881 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 5681K
Δuv: -0.0153

CRI: 58.2 CRI R9 Value: -112.9
CQS: 80.4
TLCI: 44
TM-30-18 Rf: 74.4
TM-30-18 Rg: 123.6
1st Dominant Wavelength: 643 nM
2nd Dominant Wavelength: 448 nM

Spectral Distribution



Tested Color

5681 K
CIE 1931 Coordinates:
X: 0.329 Y: 0.316

Color Temperature

5681 K

Light Quality

CRI: 58.2

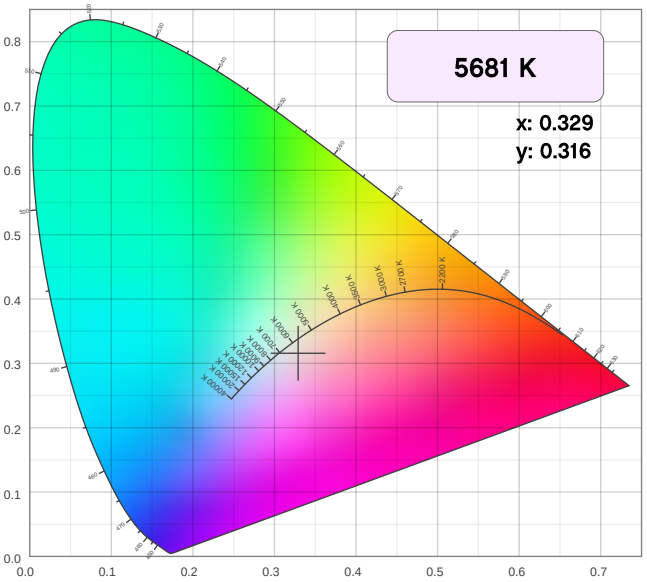
Notes:

Chromaticity Report

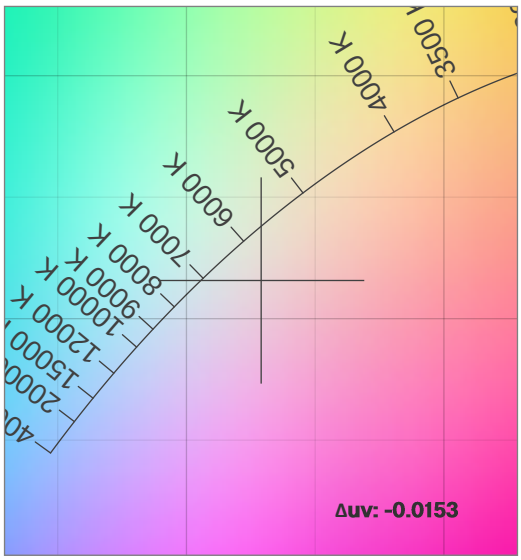
COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

Chromaticity

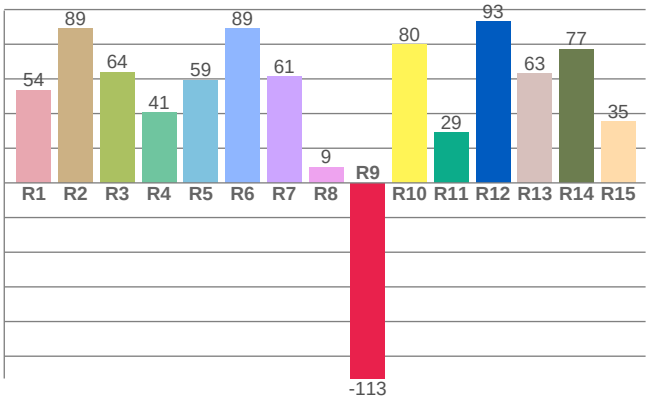
CIE 1931



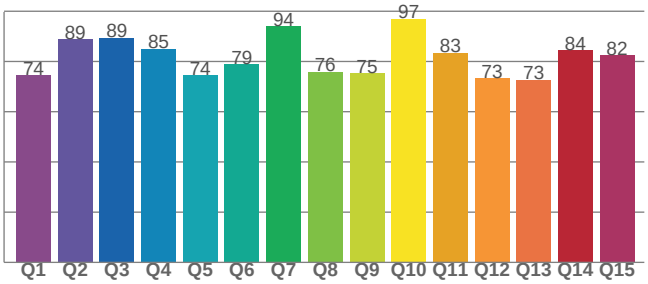
CIE 1931 - Zoom



CRI: 58.2 (R1-R8)



CQS: 80.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5681 K	0.329	0.316

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0153	0.316	0.215

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
58.2	-112.9	80.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
44	74.4	123.6

Chromaticity Report

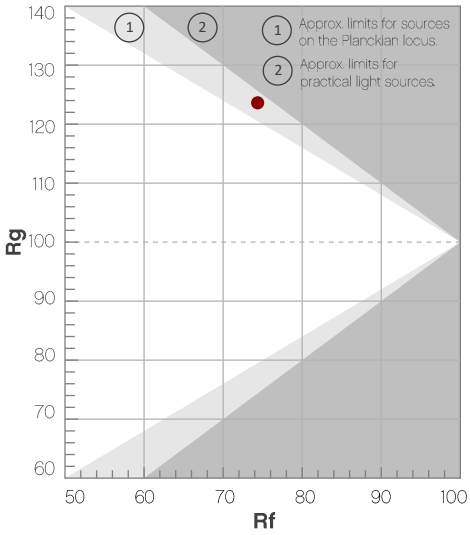
COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration On

TM-30-18 Details

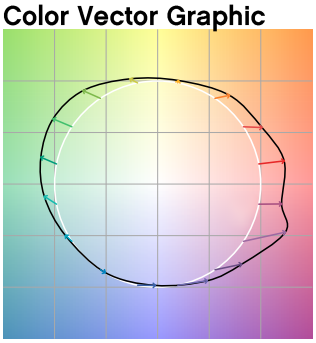
Rf 74.4
Fidelity Index (Rg)

Rg 123.6
Gamut Index (Rg)

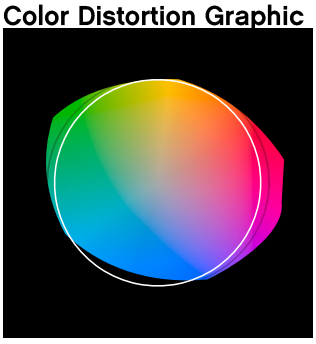
Hue Bin	R_f	Chroma Shift	Hue Shift
1	53	25%	-2%
2	71	15%	-11%
3	73	10%	-10%
4	92	2%	0%
5	84	5%	6%
6	75	16%	10%
7	69	20%	4%
8	72	16%	-3%
9	84	10%	-10%
10	83	2%	-8%
11	89	0%	5%
12	75	-3%	17%
13	68	1%	29%
14	59	10%	25%
15	56	29%	30%
16	62	22%	5%



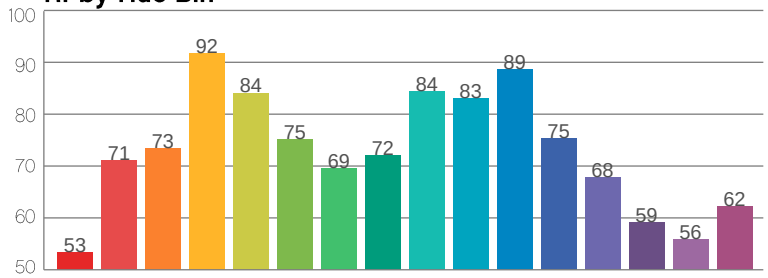
Color Vector Graphic



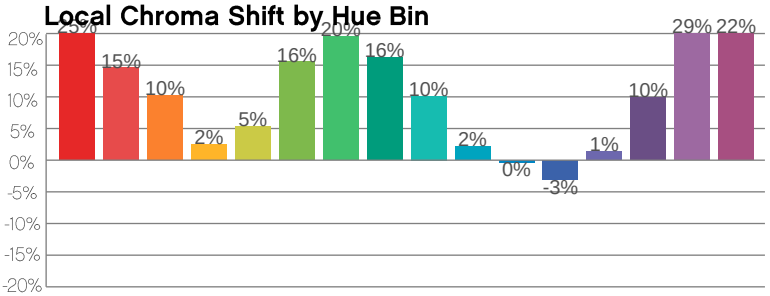
Color Distortion Graphic



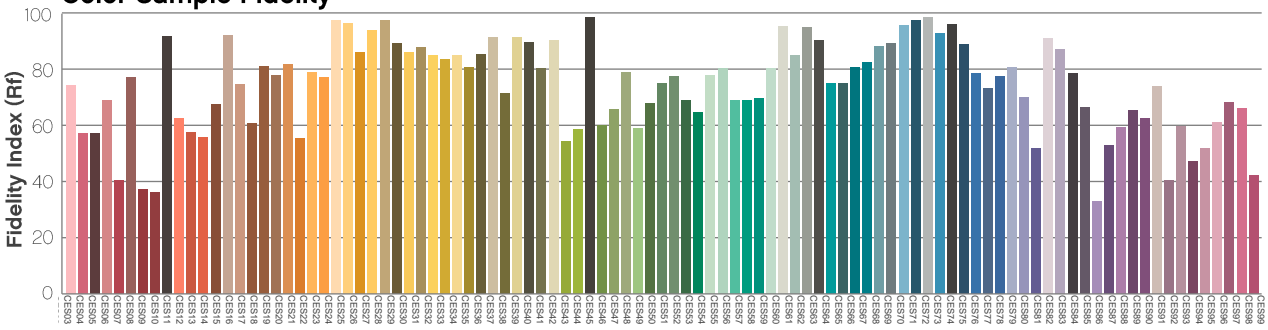
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

Report Summary

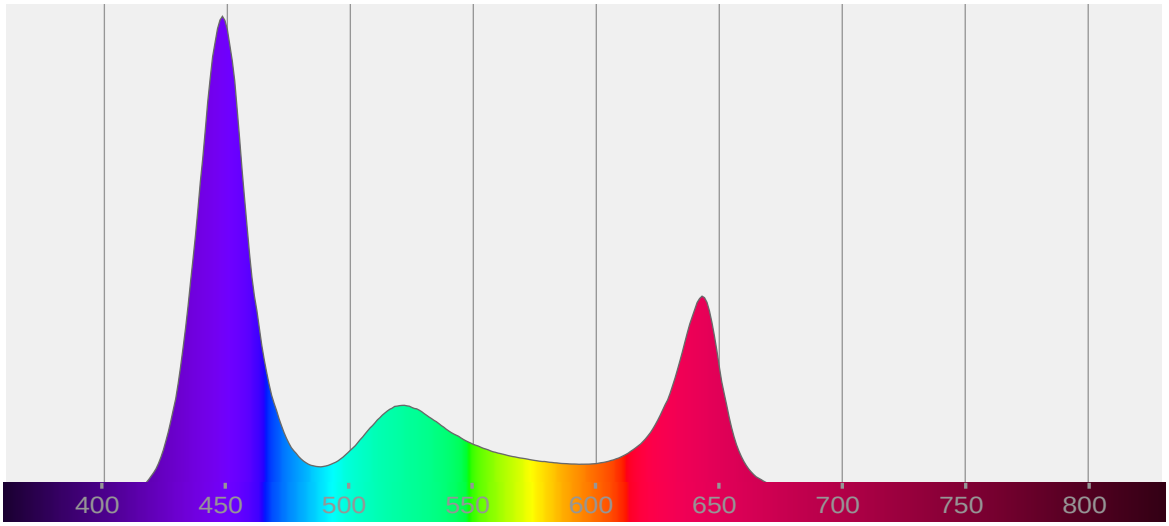
Measurements

Total Lumens: 361 lm
Peak Intensity: 6502 cd
Fixture Efficacy: 4 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 643 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.244 Y: 0.173

Color Temperature

0 K

Light Quality

CRI: 0.0

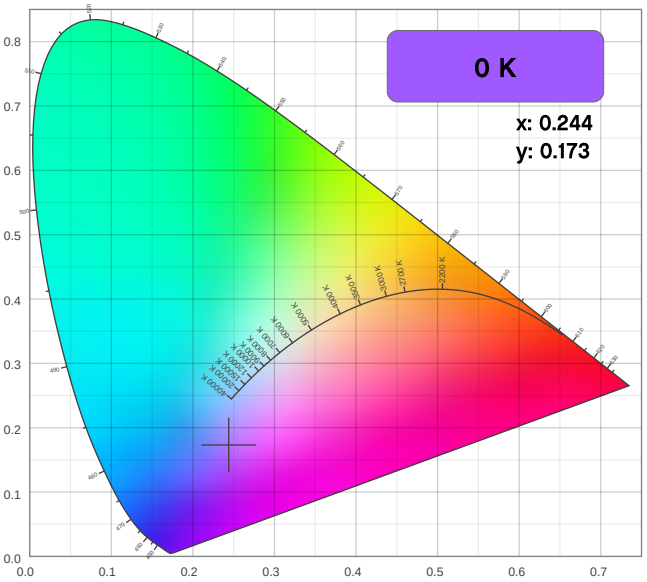
Notes:

Chromaticity Report

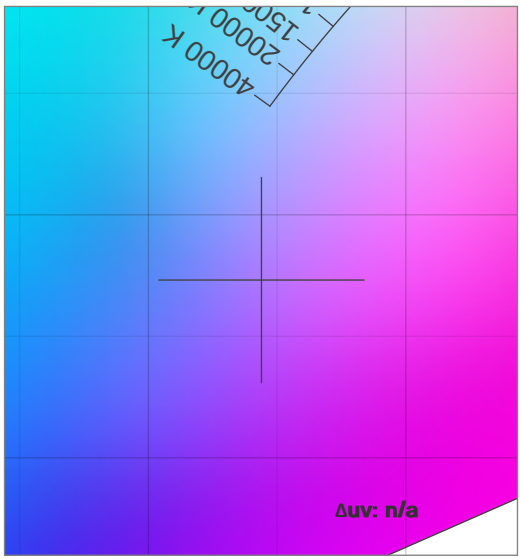
COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

Chromaticity

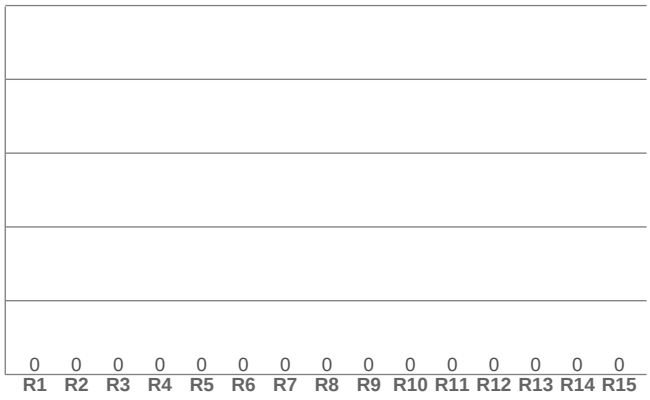
CIE 1931



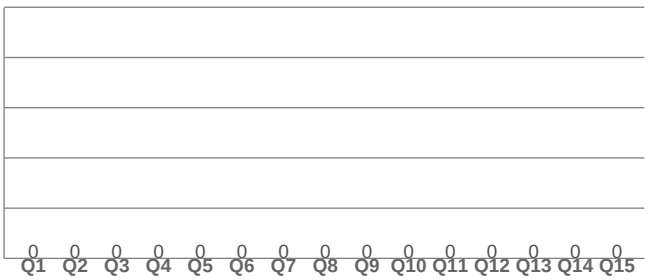
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.244	0.173

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.173	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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

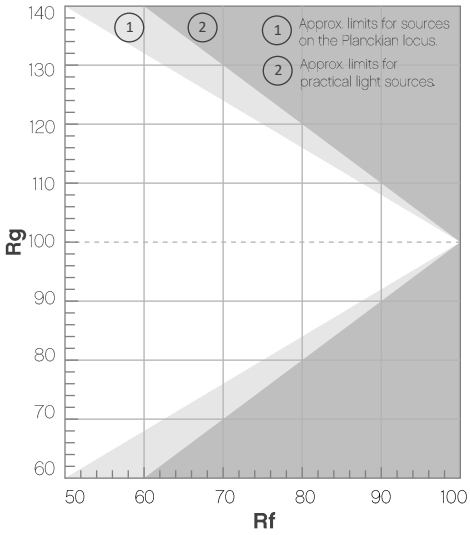
COLORado PXL Bar 8: 50% Zoom - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

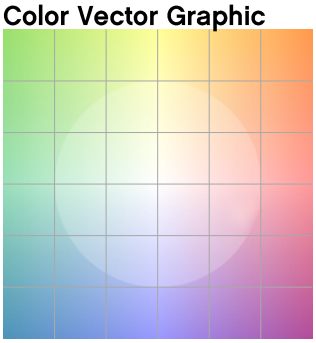
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

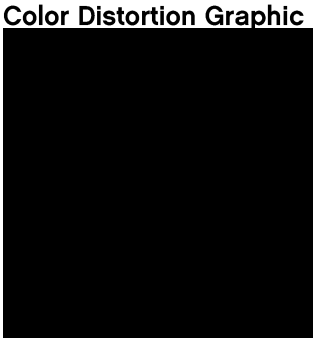
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



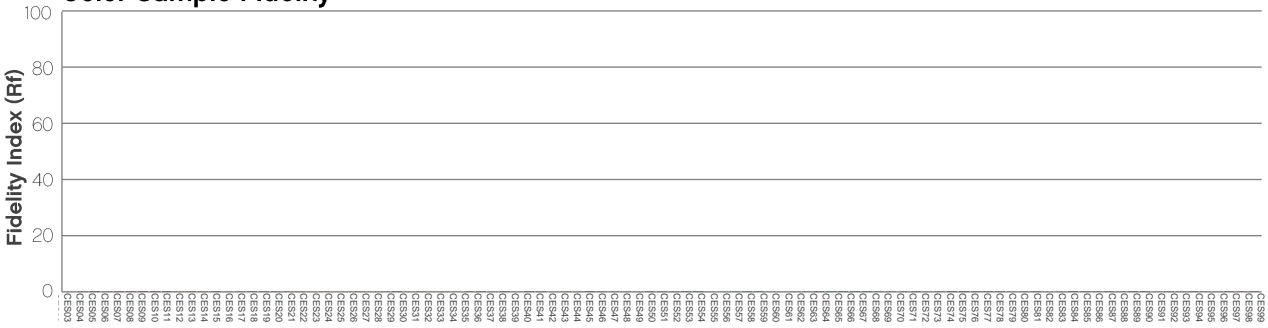
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

Report Summary

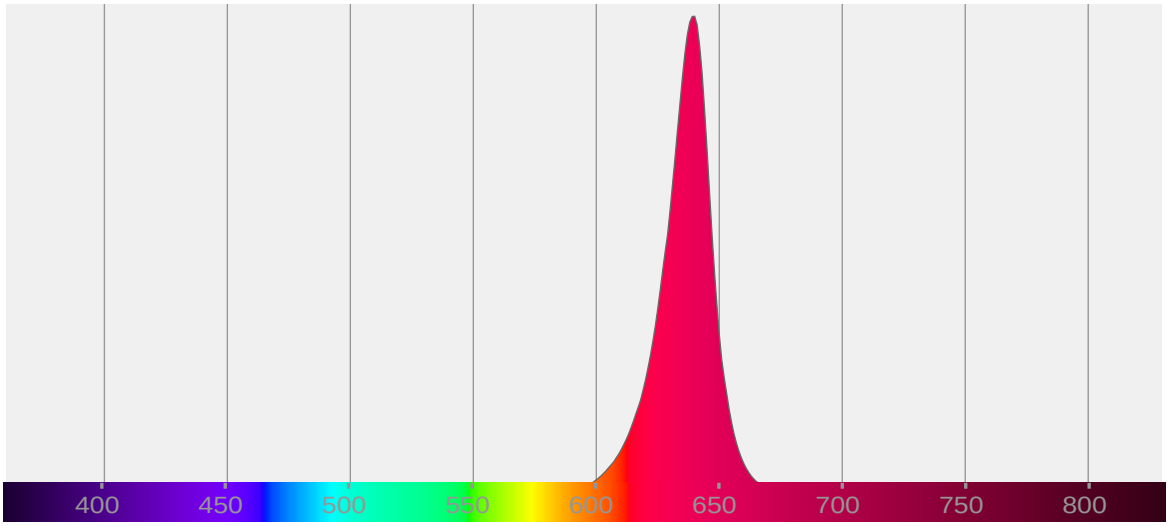
Measurements

Total Lumens: 84.8 lm
Peak Intensity: 1245 cd
Fixture Efficacy: 1 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 640 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.701 Y: 0.298

Color Temperature

0 K

Light Quality

CRI: 0.0

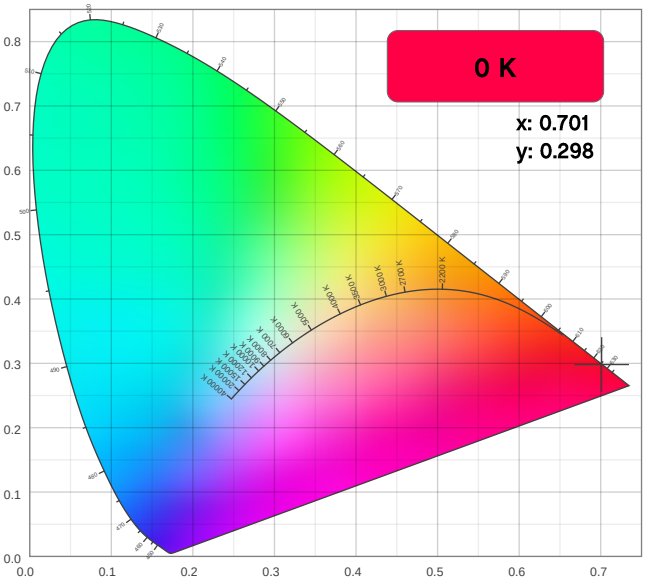
Notes:

Chromaticity Report

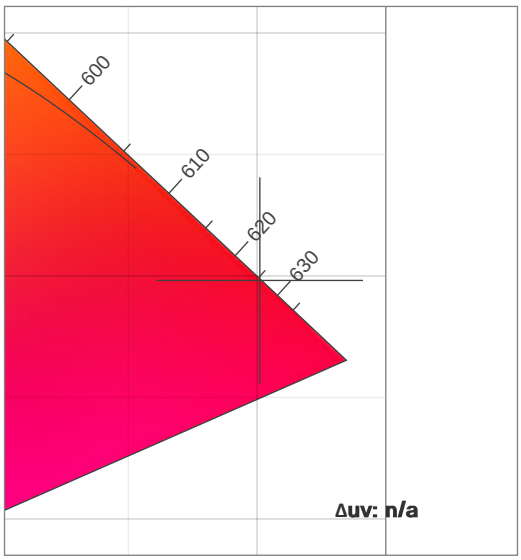
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

Chromaticity

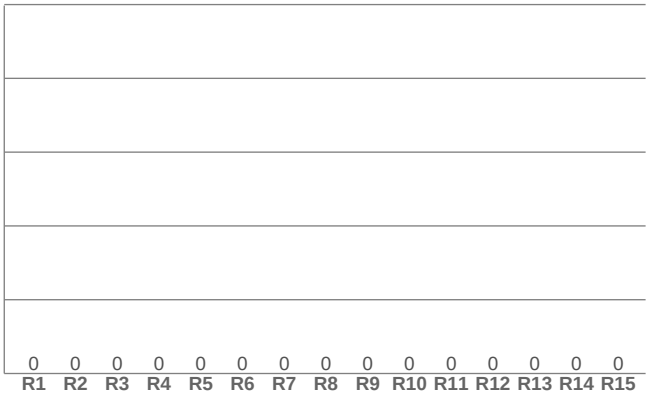
CIE 1931



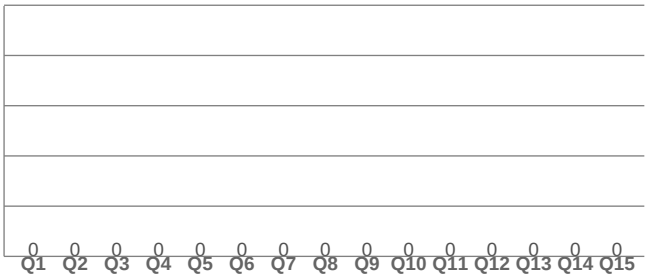
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.701	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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

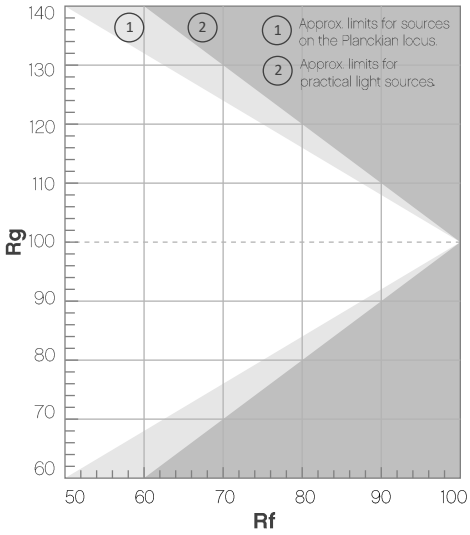
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Red - Calibration On

TM-30-18 Details

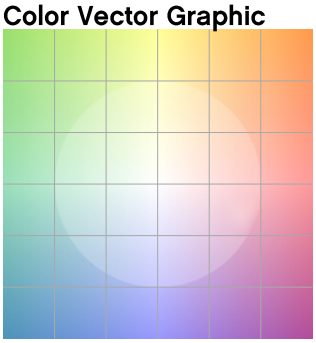
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

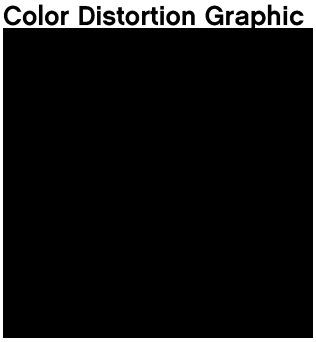
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



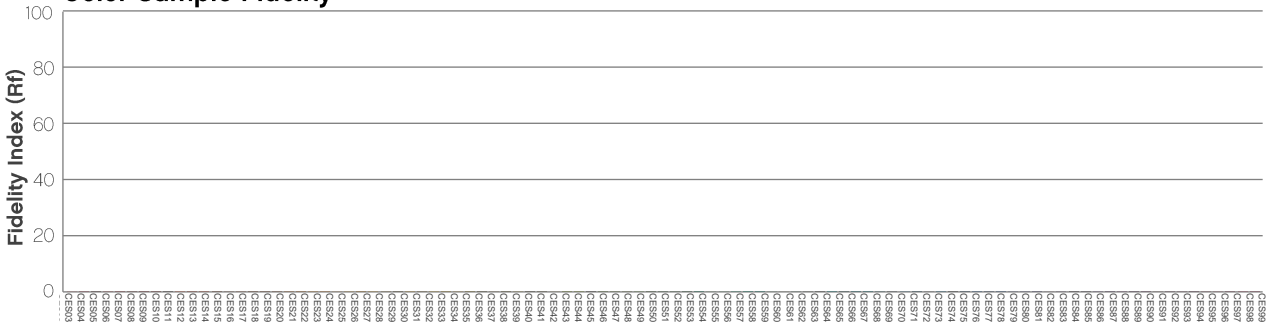
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

Report Summary

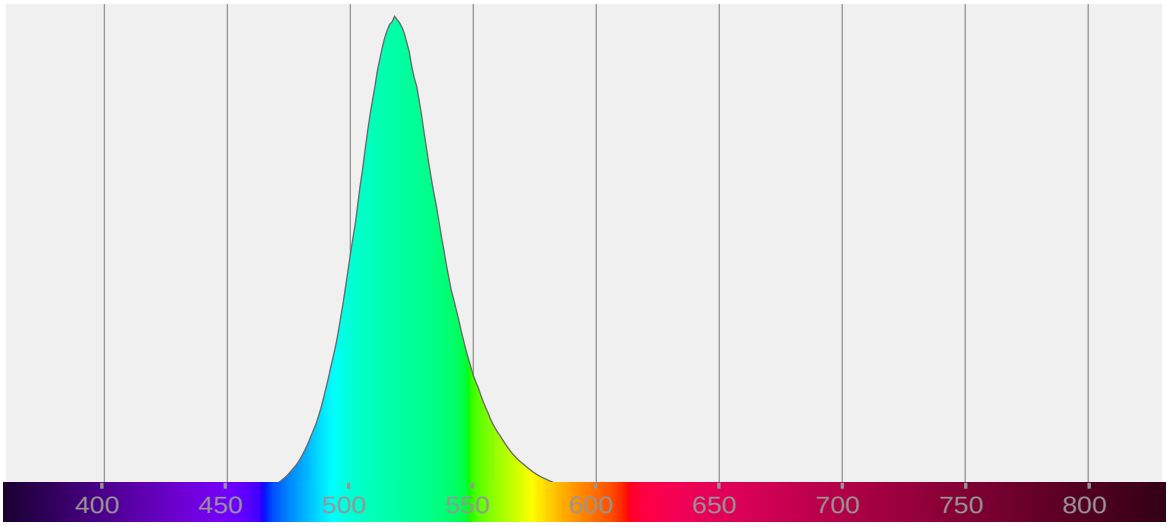
Measurements

Total Lumens: 127 lm
Peak Intensity: 2086 cd
Fixture Efficacy: 2 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 518 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.158 Y: 0.695

Color Temperature

0 K

Light Quality

CRI: 0.0

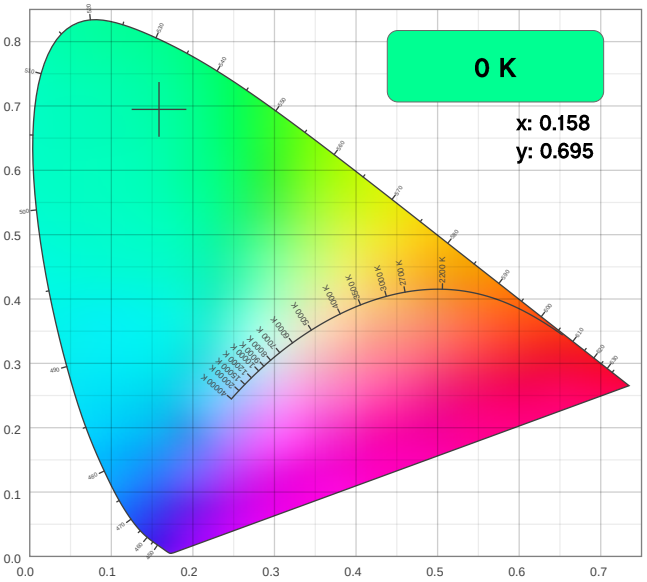
Notes:

Chromaticity Report

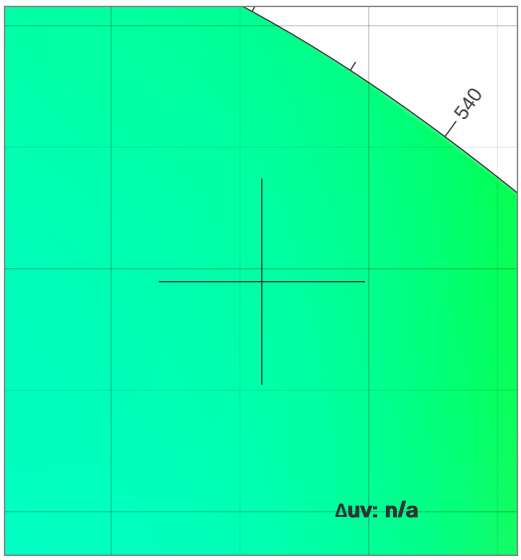
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

Chromaticity

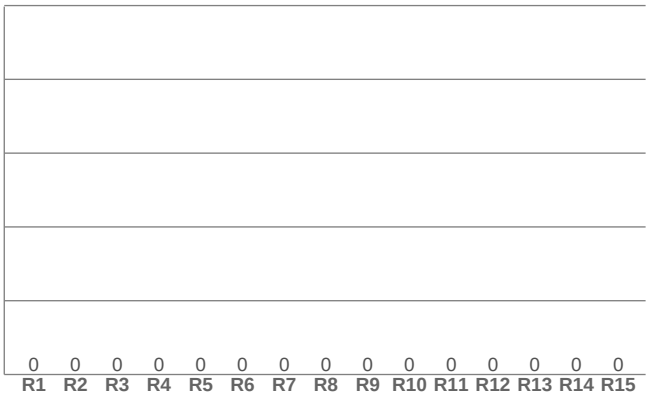
CIE 1931



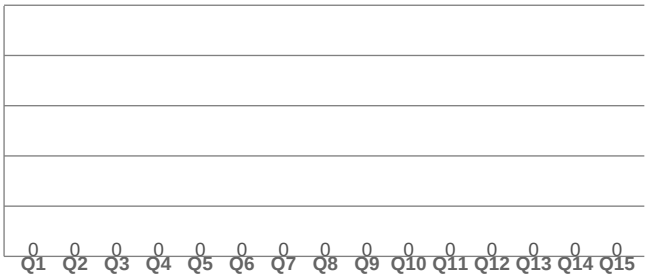
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.158	0.695

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.695	0.058

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	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

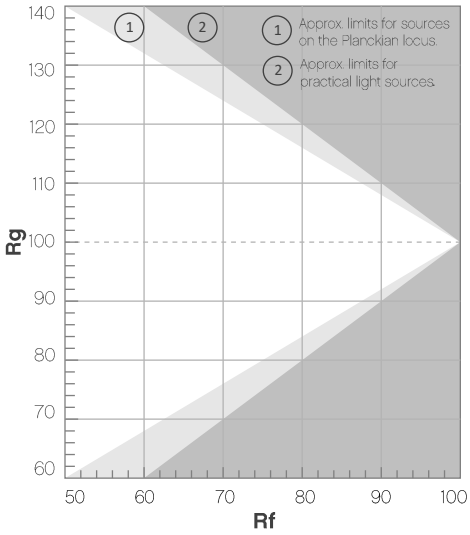
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Green - Calibration On

TM-30-18 Details

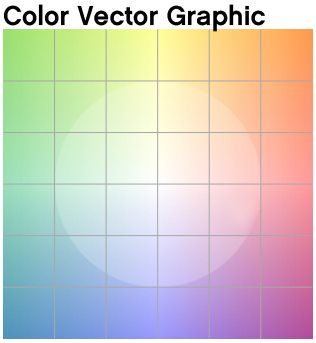
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

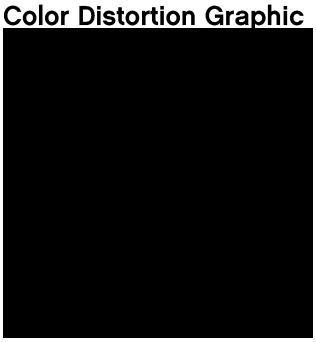
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



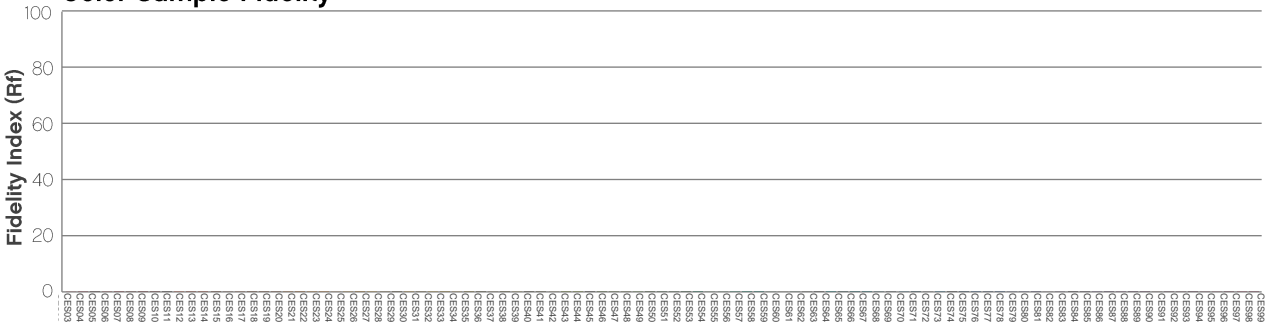
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

Report Summary

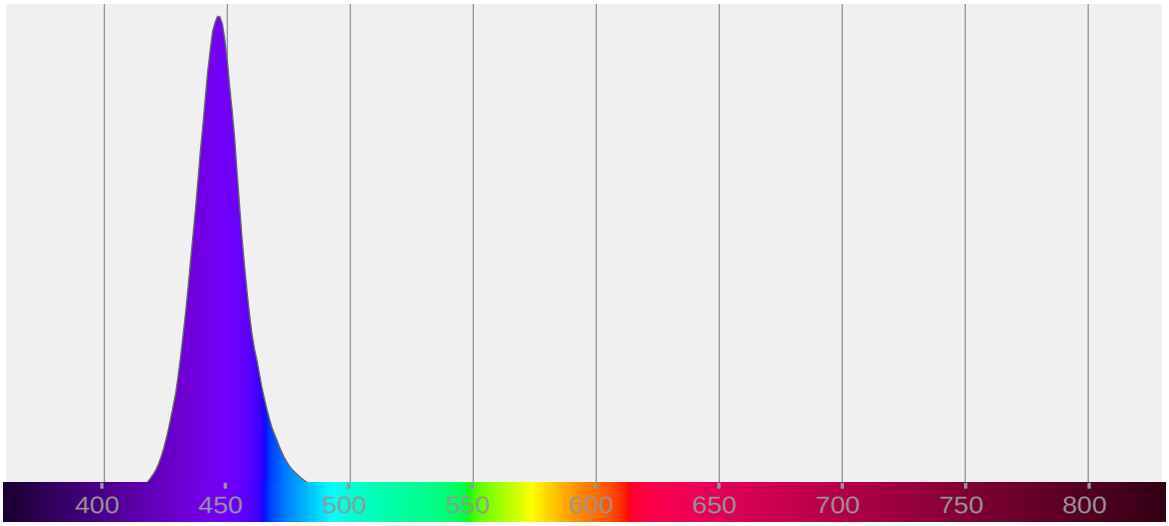
Measurements

Total Lumens: 52.4 lm
Peak Intensity: 628 cd
Fixture Efficacy: 1 lm/W

Correlated Color Temperature: 0K
Δuv: n/a

CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30-18 Rf: 0.0
TM-30-18 Rg: 0.0
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.157 Y: 0.021

Color Temperature

0 K

Light Quality

CRI: 0.0

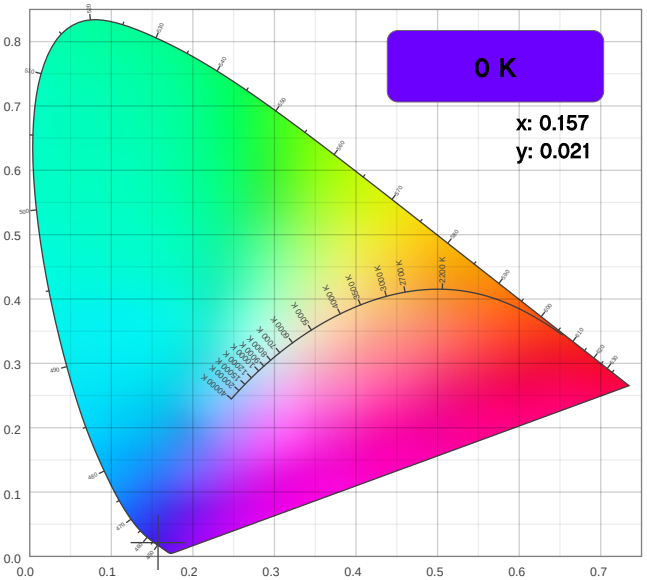
Notes:

Chromaticity Report

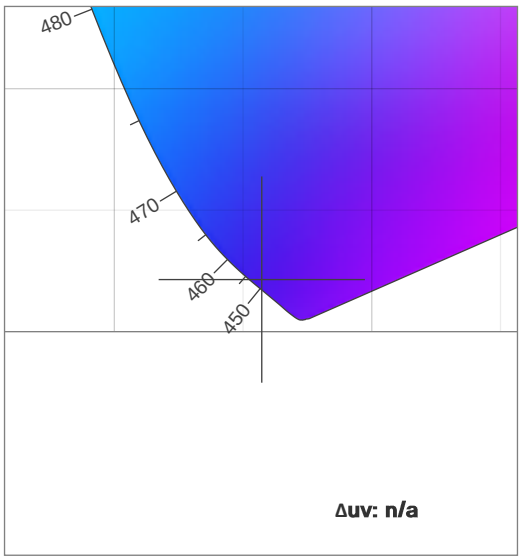
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

Chromaticity

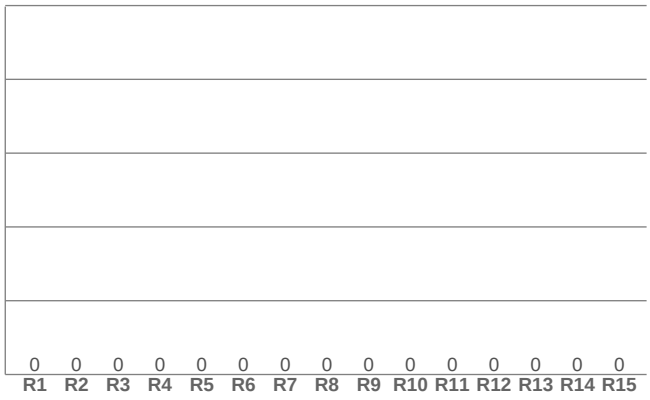
CIE 1931



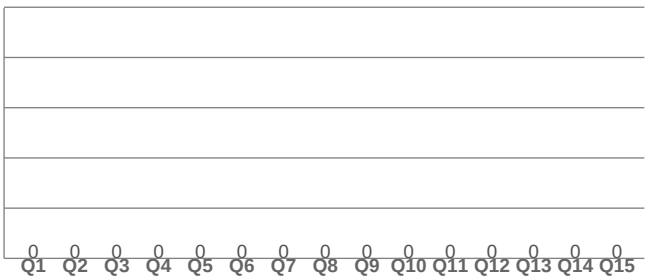
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.157	0.021

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.021	0.214

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

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
n/a	0.0	0.0

Chromaticity Report

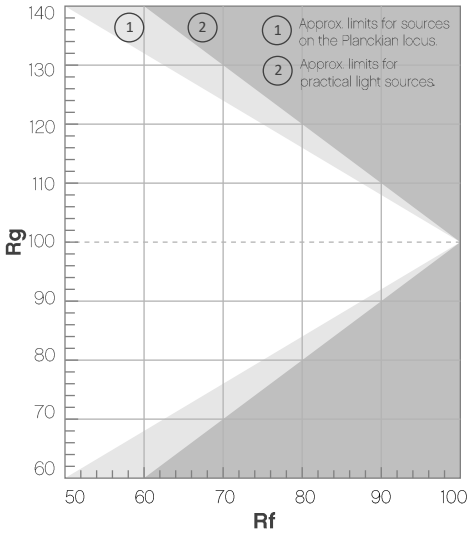
COLORado PXL Bar 8: 50% Zoom - Single Pixel - Blue - Calibration On

TM-30-18 Details

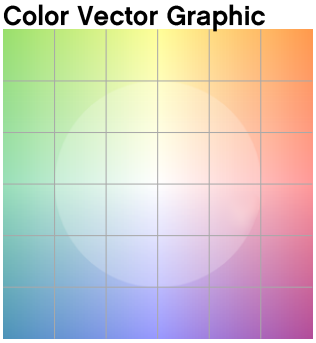
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

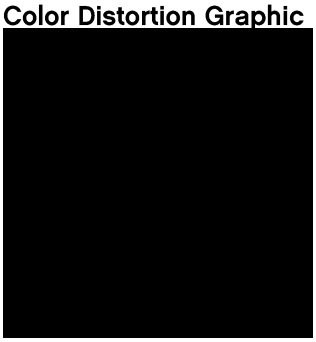
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



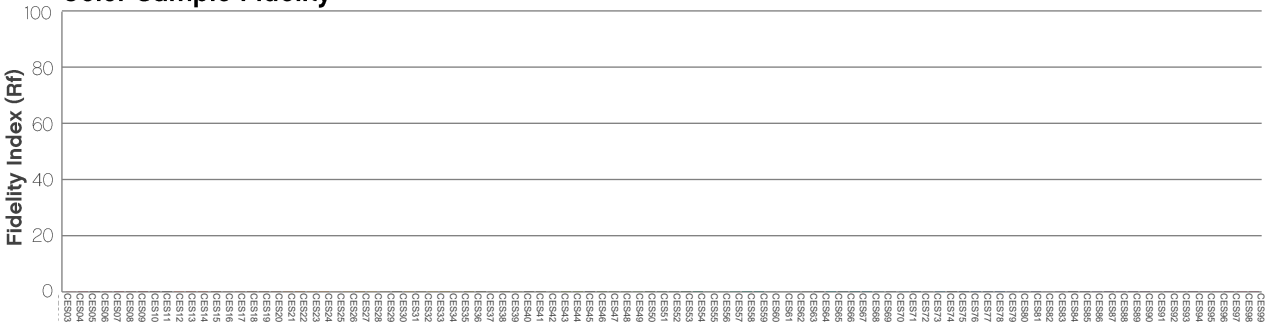
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

Report Summary

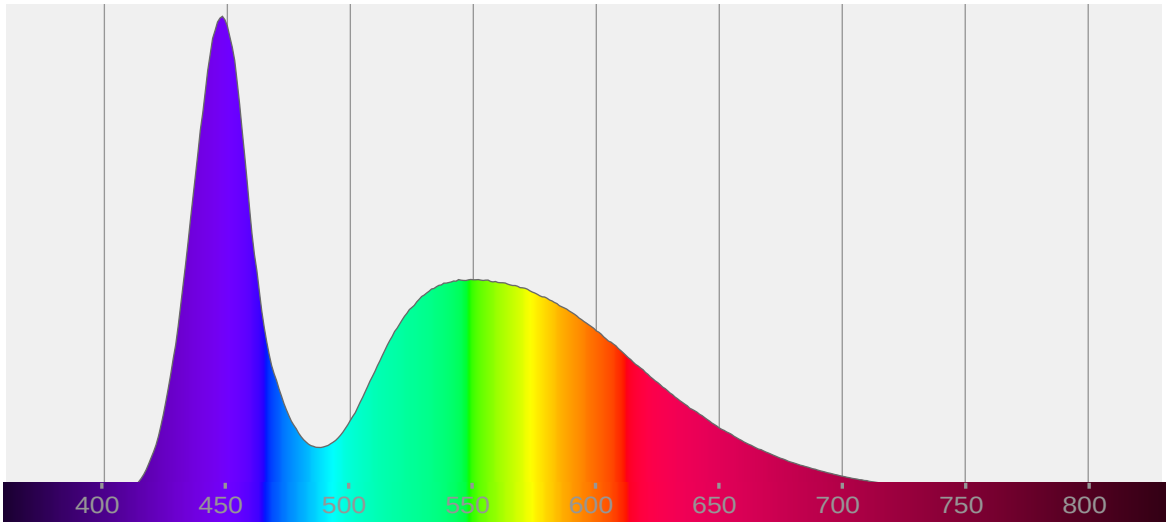
Measurements

Total Lumens: 188 lm
Peak Intensity: 3073 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 7772K
Δuv: -0.0085

CRI: 74.6 CRI R9 Value: 0.0
CQS: 69.1
TLCI: 49
TM-30-18 Rf: 71.5
TM-30-18 Rg: 96.0
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

7772 K
CIE 1931 Coordinates:
X: 0.300 Y: 0.300

Color Temperature

7772 K

Light Quality

CRI: 74.6

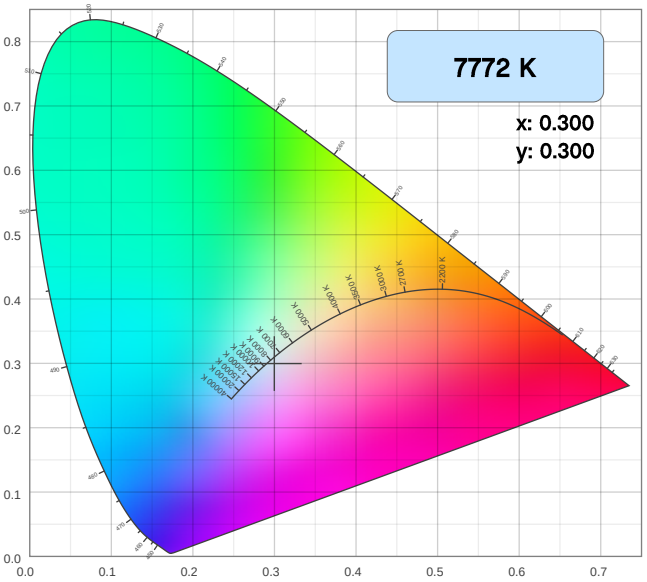
Notes:

Chromaticity Report

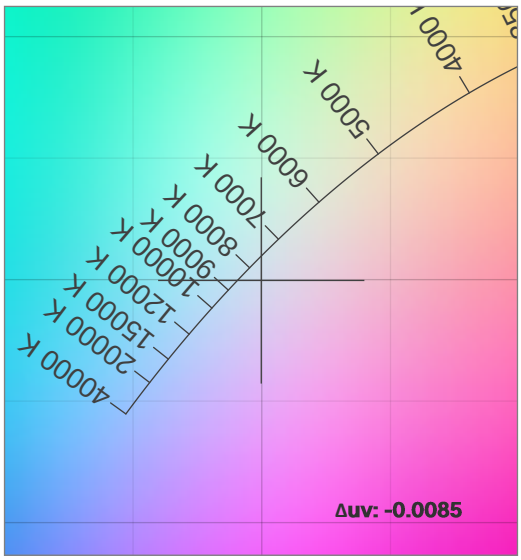
COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

Chromaticity

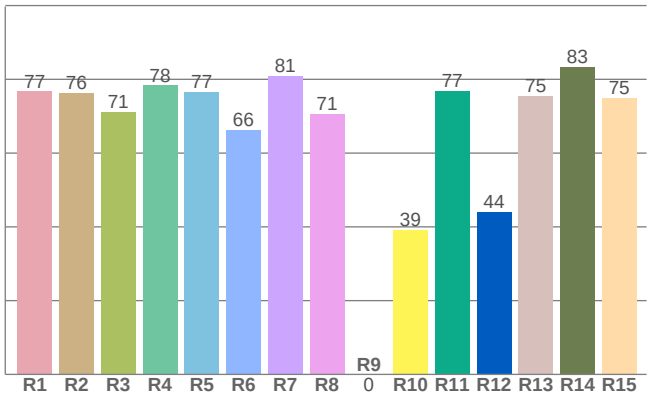
CIE 1931



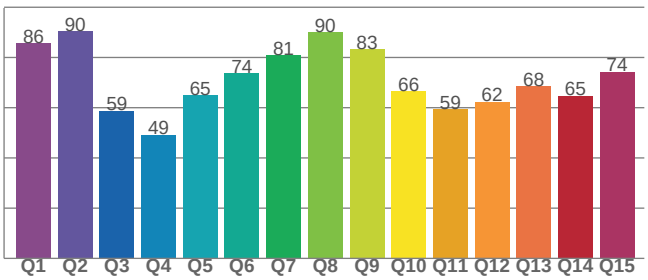
CIE 1931 - Zoom



CRI: 74.6 (R1-R8)



CQS: 69.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7772 K	0.300	0.300

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0085	0.300	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.6	0.0	69.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	71.5	96.0

Chromaticity Report

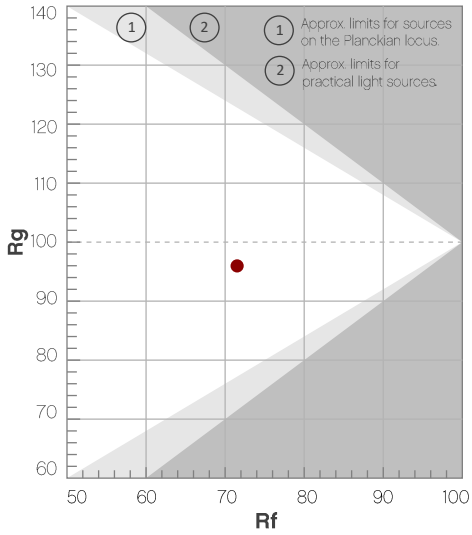
COLORado PXL Bar 8: 50% Zoom - Single Pixel - White - Calibration On

TM-30-18 Details

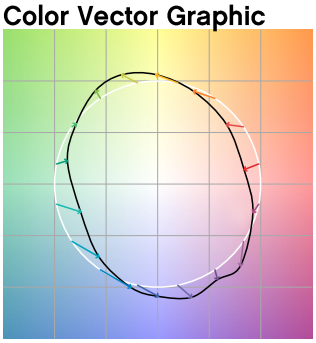
Rf 71.5
Fidelity Index (Rg)

Rg 96.0
Gamut Index (Rg)

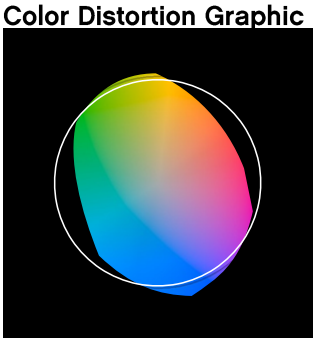
Hue Bin	R_f	Chroma Shift	Hue Shift
1	72	-15%	-3%
2	71	-12%	11%
3	65	-6%	21%
4	63	4%	23%
5	72	11%	13%
6	85	9%	0%
7	92	-2%	-5%
8	80	-10%	-5%
9	75	-21%	12%
10	58	-13%	27%
11	43	-2%	34%
12	69	7%	22%
13	77	14%	11%
14	82	9%	-3%
15	73	11%	-21%
16	82	-4%	-9%



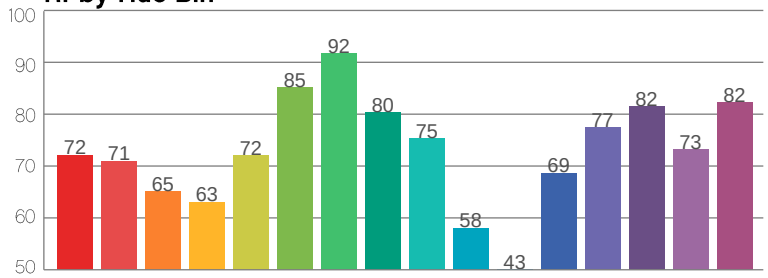
Color Vector Graphic



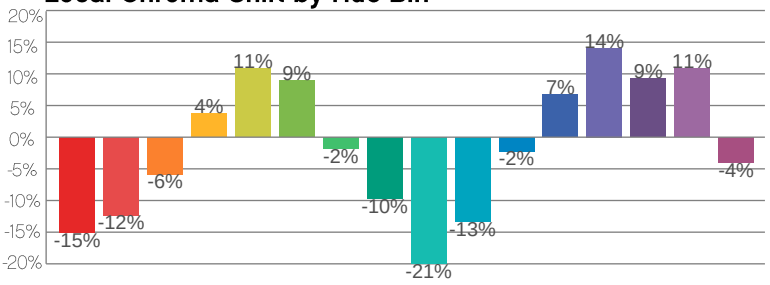
Color Distortion Graphic



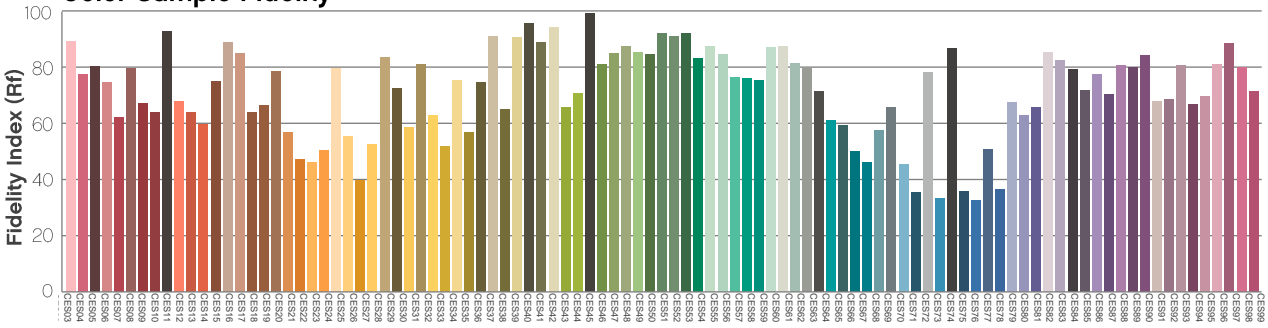
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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