PHOTOMETRICS REPORT

COLORado PXL Bar 16

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 16: Full Flood - Full Power - Calibration On

Report Summary

Output

Total Lumens: 8640 lm
Peak Intensity: 31126 cd
Illuminance @ 5m: 1245 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 30.3°
Vertical Beam Angle (50%): 30.3°
Horizontal Field Angle (10%): 42.4°
Vertical Field Angle (10%): 42.4°
Horizontal Cutoff Angle (3%): 48.3°
Vertical Cutoff Angle (3%): 48.3°

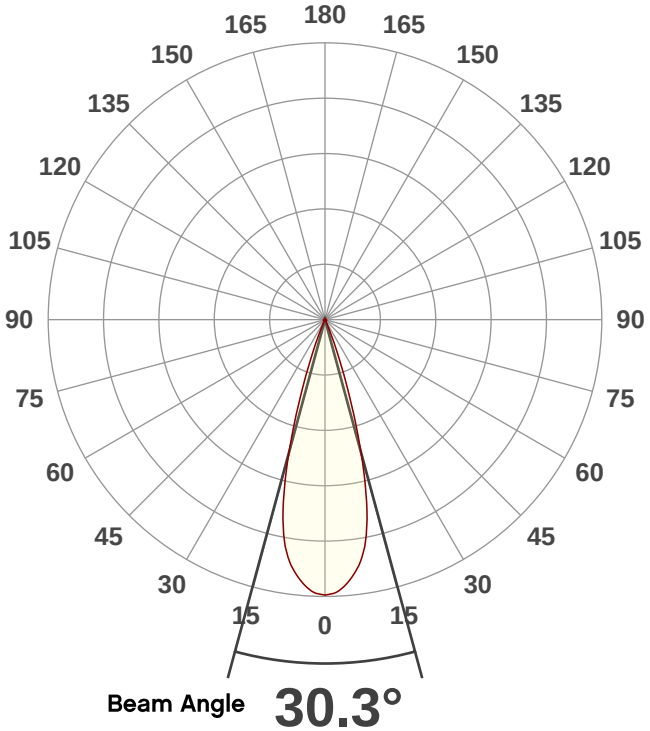
Conditions

AC Supply: 117 V, 60 Hz
Power: 716.19 W
Current: 6.11 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

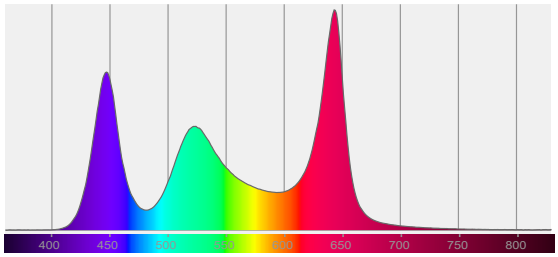
Overall Measurement

Angular Beam Distribution

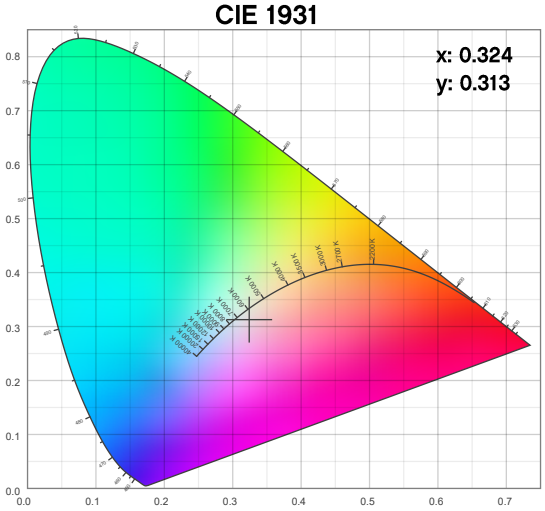


Beam Angle 30.3°

Spectral Distribution



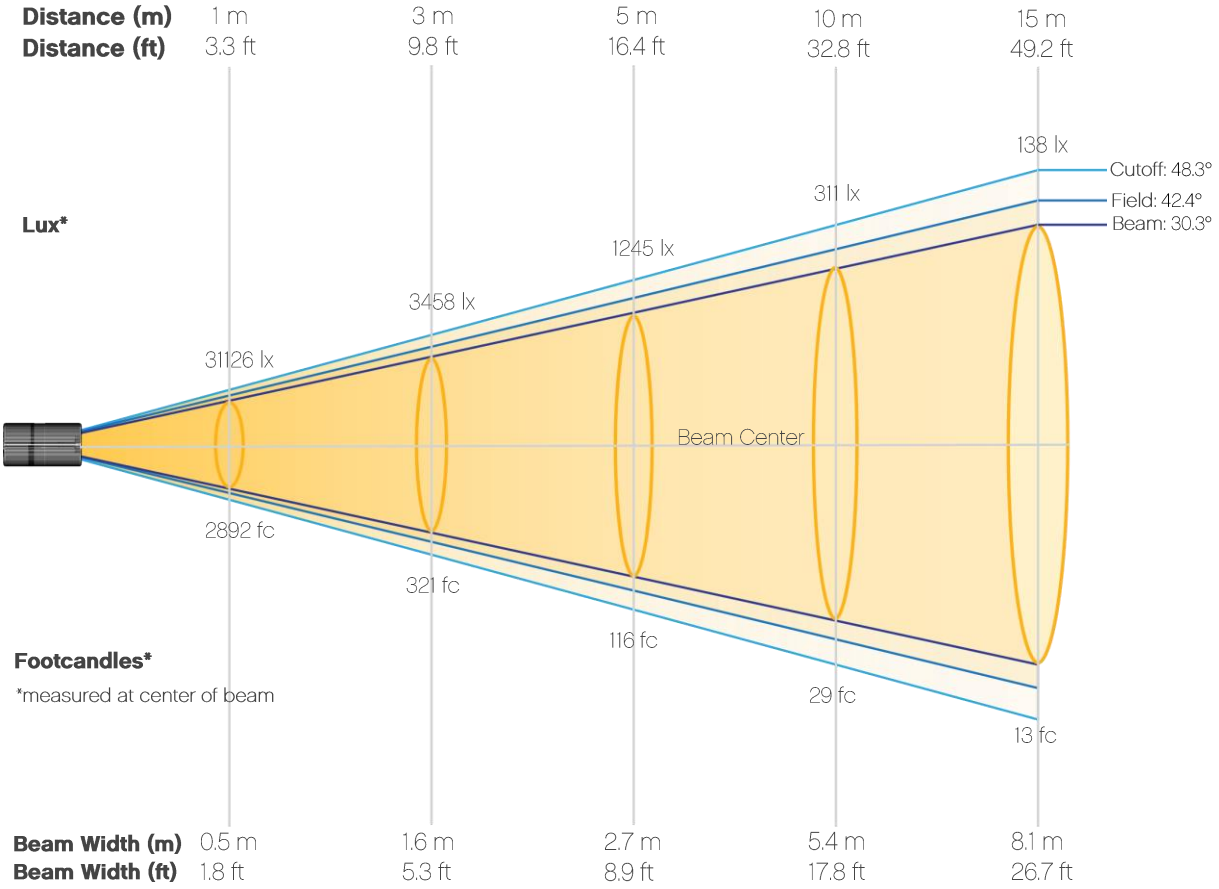
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Flood - Full Power - Calibration On

Beam Details



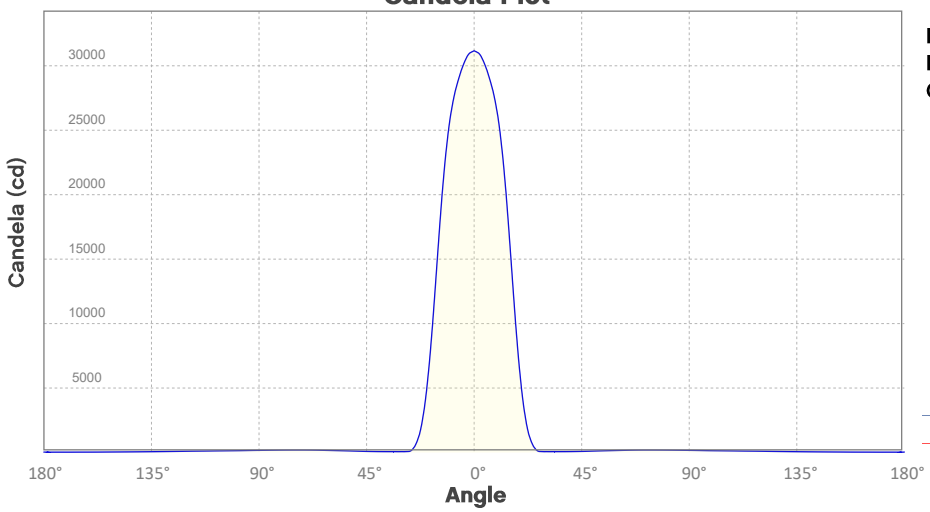
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31126	7781	3458	1945	1245	865	635	486	384	311
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	257	216	184	159	138	122	108	96	86	78
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2892	723	321	181	116	80	59	45	36	29
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	24	20	17	15	13	11	10	9	8	7

Photometric Report

COLORado PXL Bar 16: Full Flood - Full Power - Calibration On

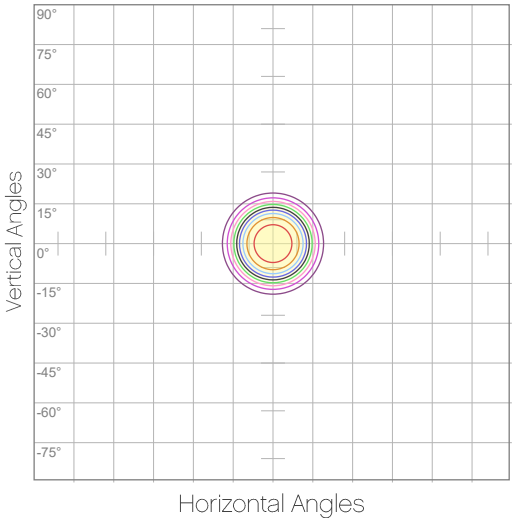
Candela Plot



Beam Angle (50%): 30.3°
Field Angle (10%): 42.4°
Cutoff Angle (3%): 48.3°

Horizontal Distribution
Vertical Distribution

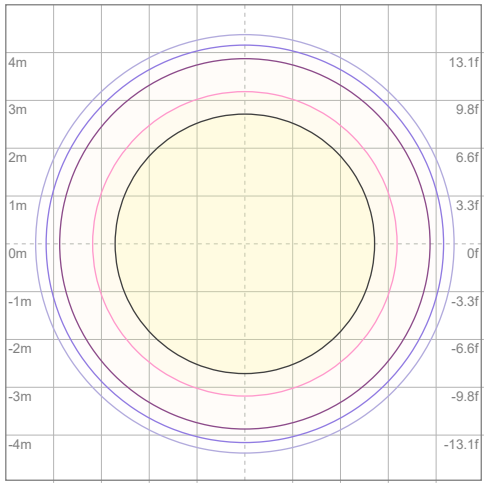
Polar Diagrams



iso-candela Diagram

10%	3113 cd
20%	6225 cd
30%	9338 cd
40%	12450 cd
50%	15563 cd
60%	18675 cd
70%	21788 cd
80%	24901 cd
90%	28013 cd

Conditions:
Number of c-planes: 2
Candela at center: 31126 cd



iso-illuminance Diagram

3%	9.34 lx
5%	15.6 lx
10%	31.1 lx
30%	93.4 lx
50%	156 lx

Conditions:
Number of c-planes: 2
Lux at center: 311 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 16: Full Flood - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 8959 lm
Peak Intensity: 32362 cd
Illuminance @ 5m: 1294 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 30.4°
Vertical Beam Angle (50%): 30.4°
Horizontal Field Angle (10%): 42.2°
Vertical Field Angle (10%): 42.2°
Horizontal Cutoff Angle (3%): 47.9°
Vertical Cutoff Angle (3%): 47.9°

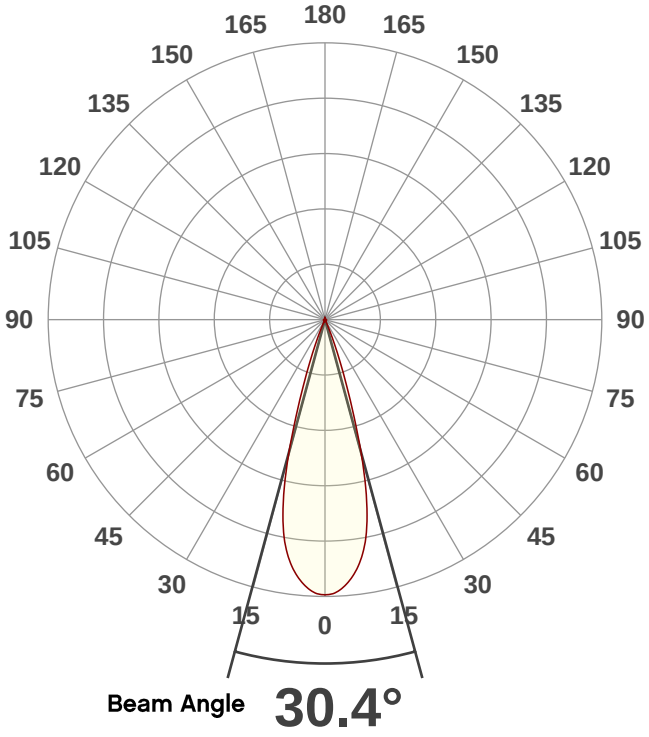
Conditions

AC Supply: 115 V, 60.1 Hz
Power: 850.05 W
Current: 7.37 A
Power Factor: 1.0

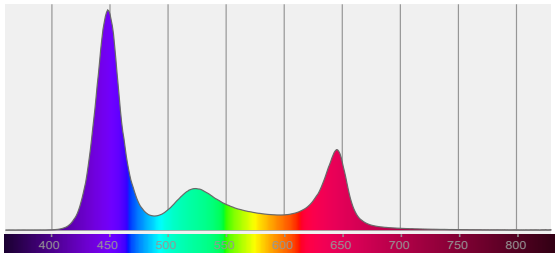
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

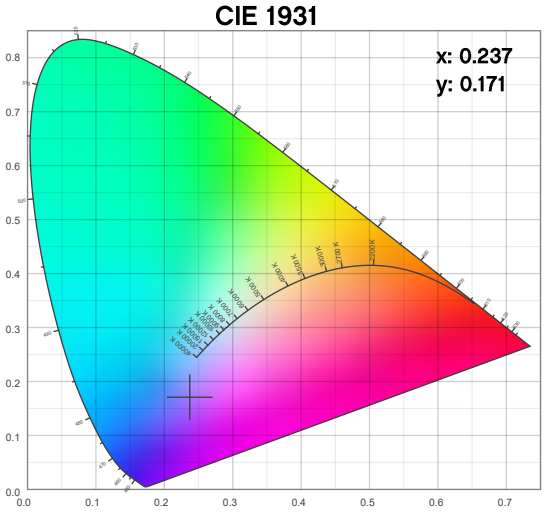
Angular Beam Distribution



Spectral Distribution



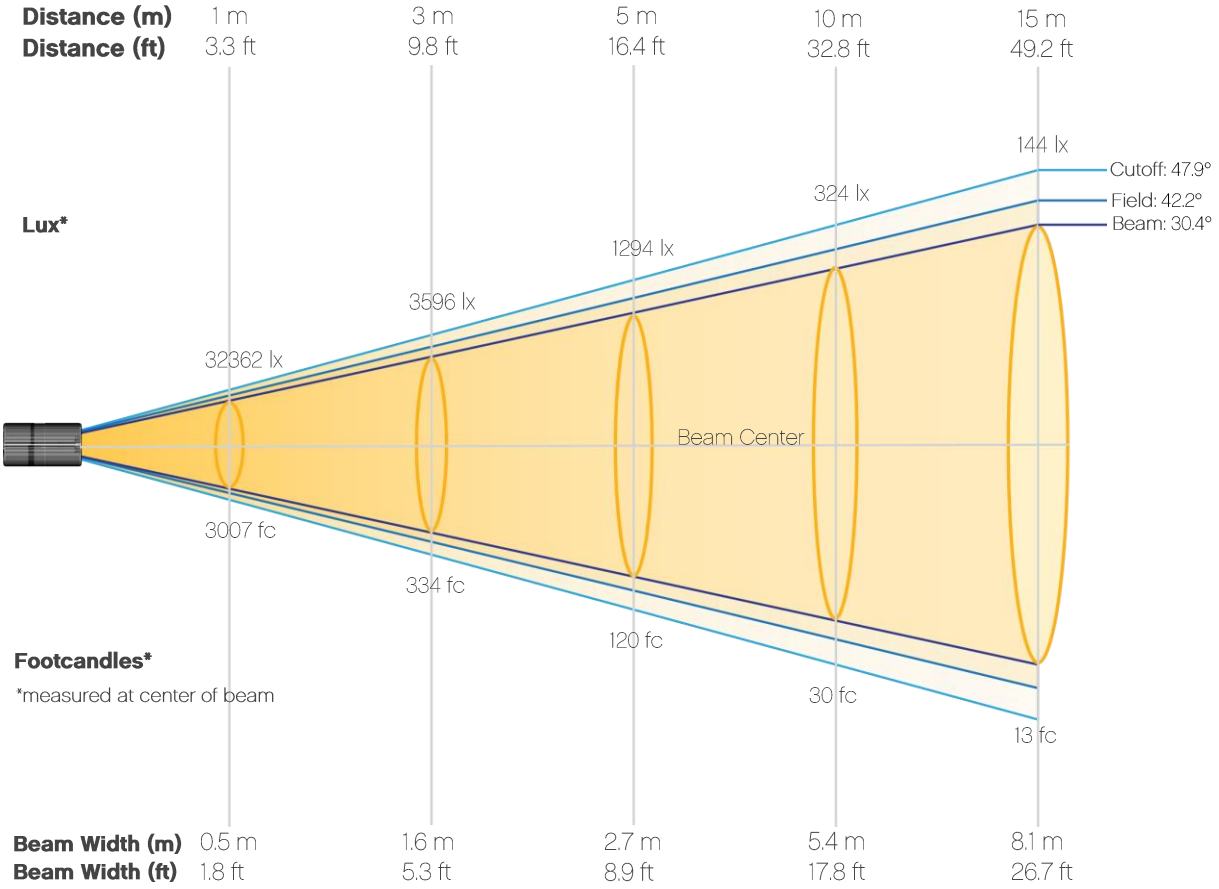
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Flood - Full Power - Calibration Off

Beam Details



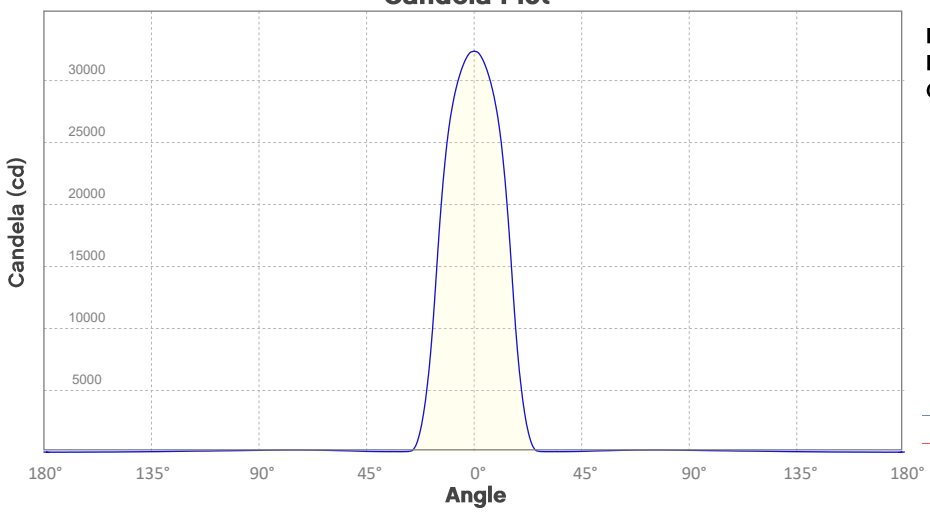
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	32362	8090	3596	2023	1294	899	660	506	400	324
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	267	225	191	165	144	126	112	100	90	81
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3007	752	334	188	120	84	61	47	37	30
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	25	21	18	15	13	12	10	9	8	8

Photometric Report

COLORado PXL Bar 16: Full Flood - Full Power - Calibration Off

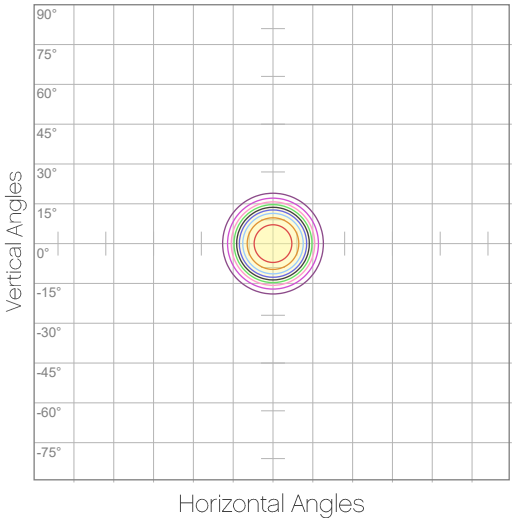
Candela Plot



Beam Angle (50%): 30.4°
Field Angle (10%): 42.2°
Cutoff Angle (3%): 47.9°

Horizontal Distribution
Vertical Distribution

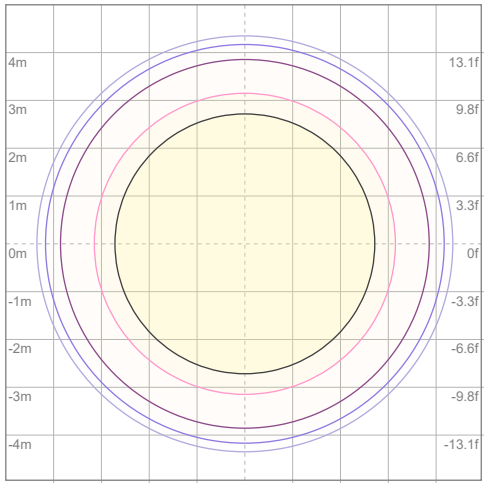
Polar Diagrams



iso-candela Diagram

10%	3236 cd
20%	6472 cd
30%	9709 cd
40%	12945 cd
50%	16181 cd
60%	19417 cd
70%	22653 cd
80%	25889 cd
90%	29126 cd

Conditions:
Number of c-planes: 2
Candela at center: 32362 cd



iso-illuminance Diagram

3%	9.71 lx
5%	16.2 lx
10%	32.4 lx
30%	97.1 lx
50%	162 lx

Conditions:
Number of c-planes: 2
Lux at center: 324 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 16: 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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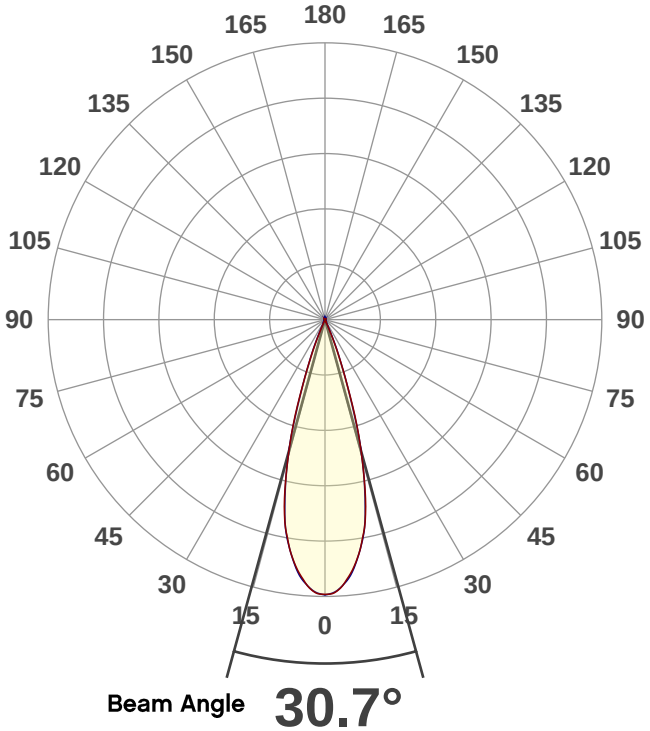
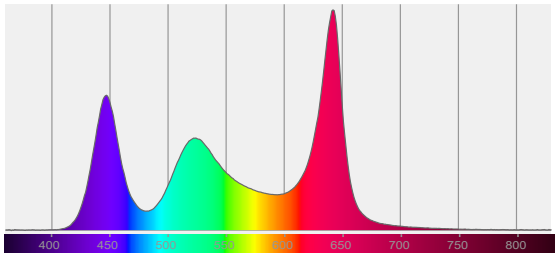
Overall Measurement

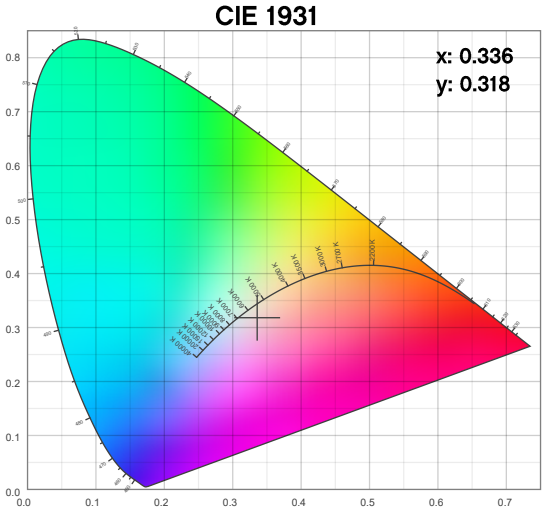
Angular Beam Distribution



Spectral Distribution



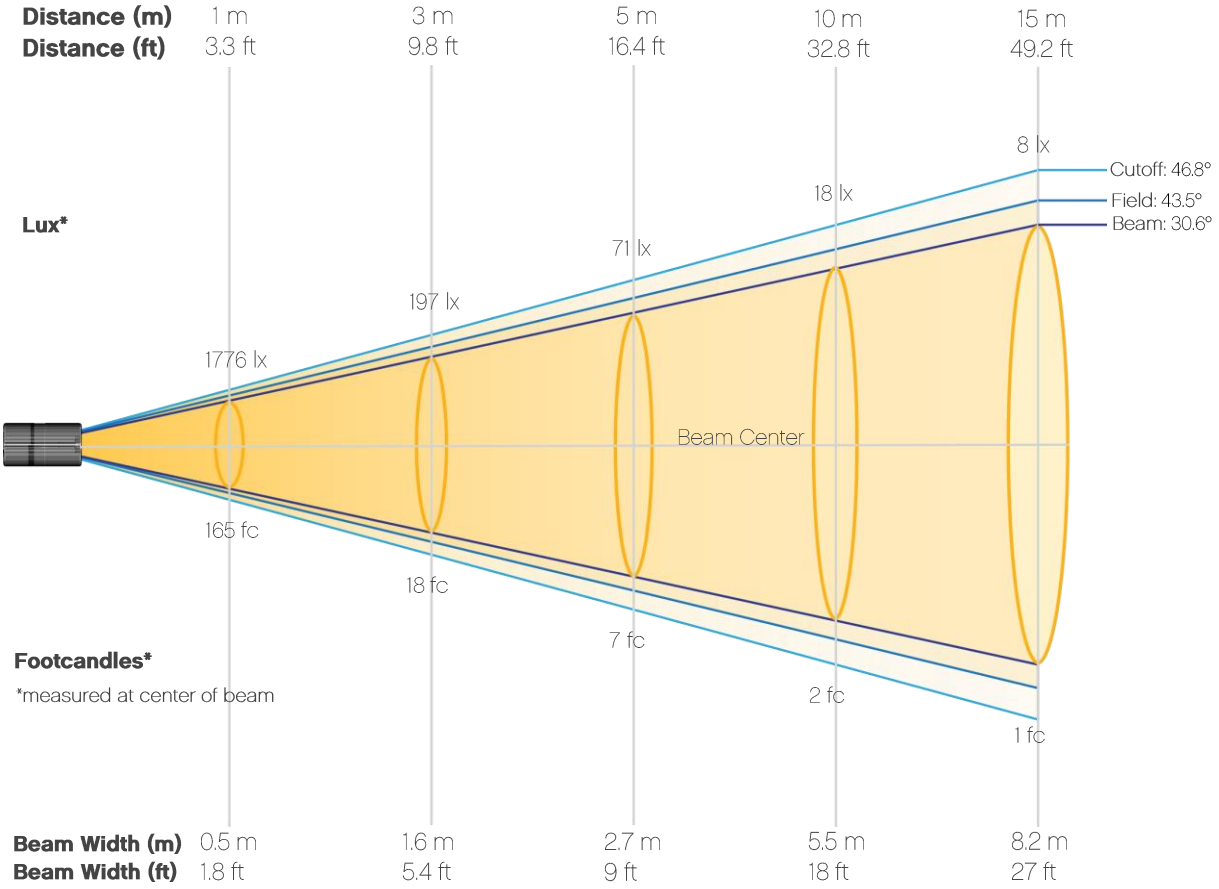
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration On

Beam Details



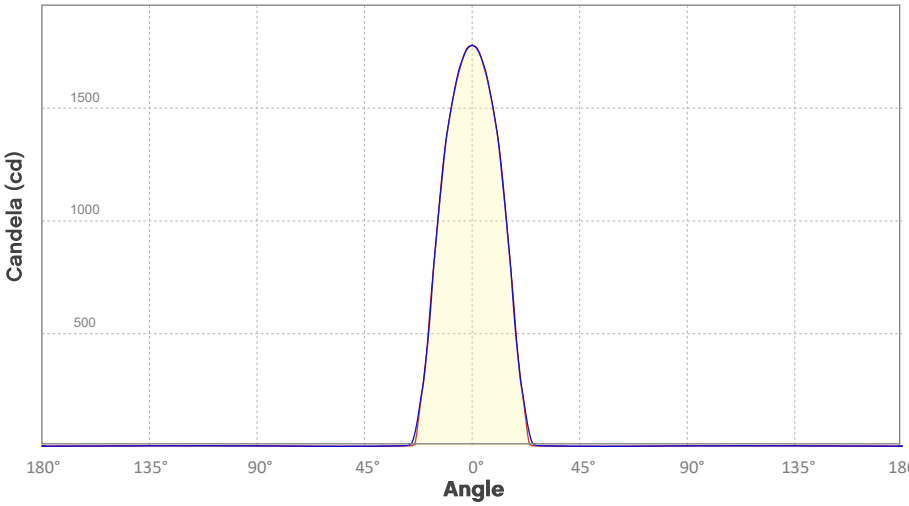
Beam Iluminances from 1-20m (3.3-65.6ft)

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 16: Full Flood - Single Pixel - RGBW - Calibration On

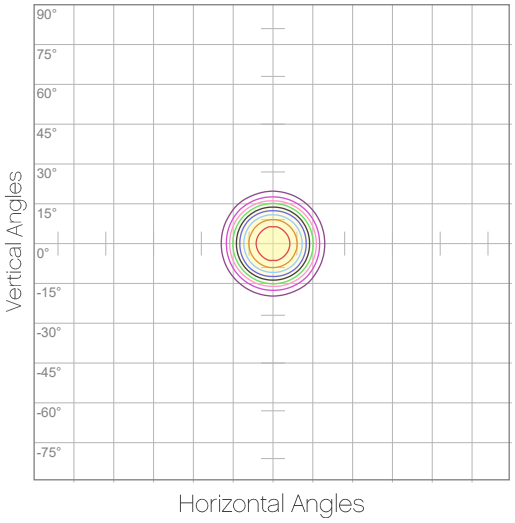
Candela Plot



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

Horizontal Distribution
Vertical Distribution

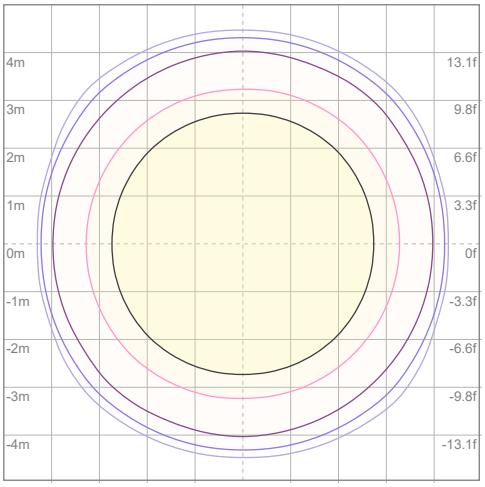
Polar Diagrams



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 16: 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°

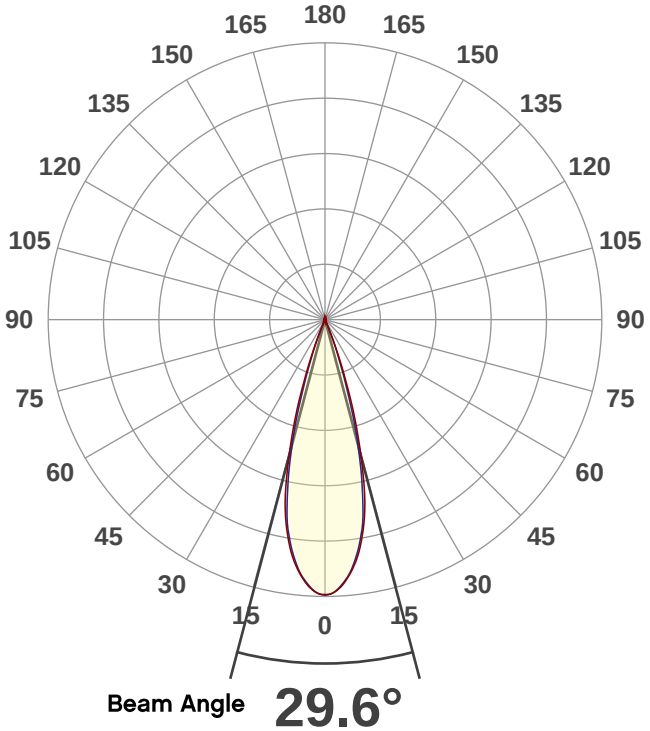
Conditions

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

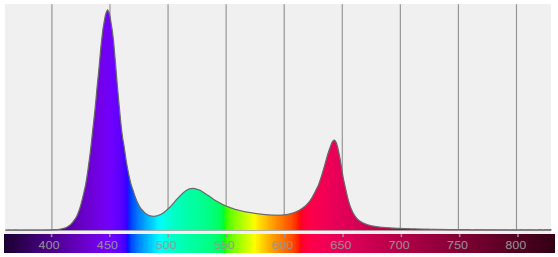
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

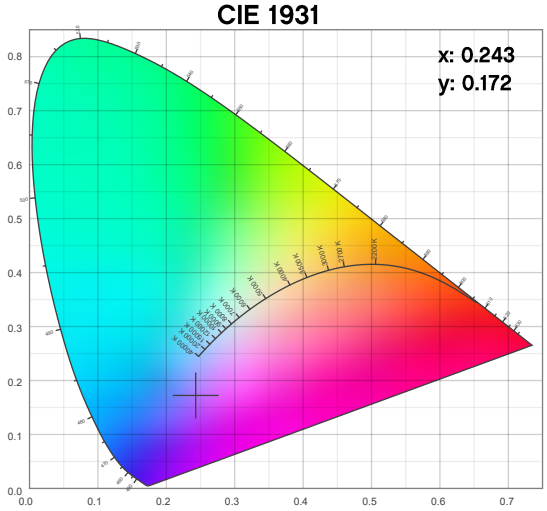
Angular Beam Distribution



Spectral Distribution



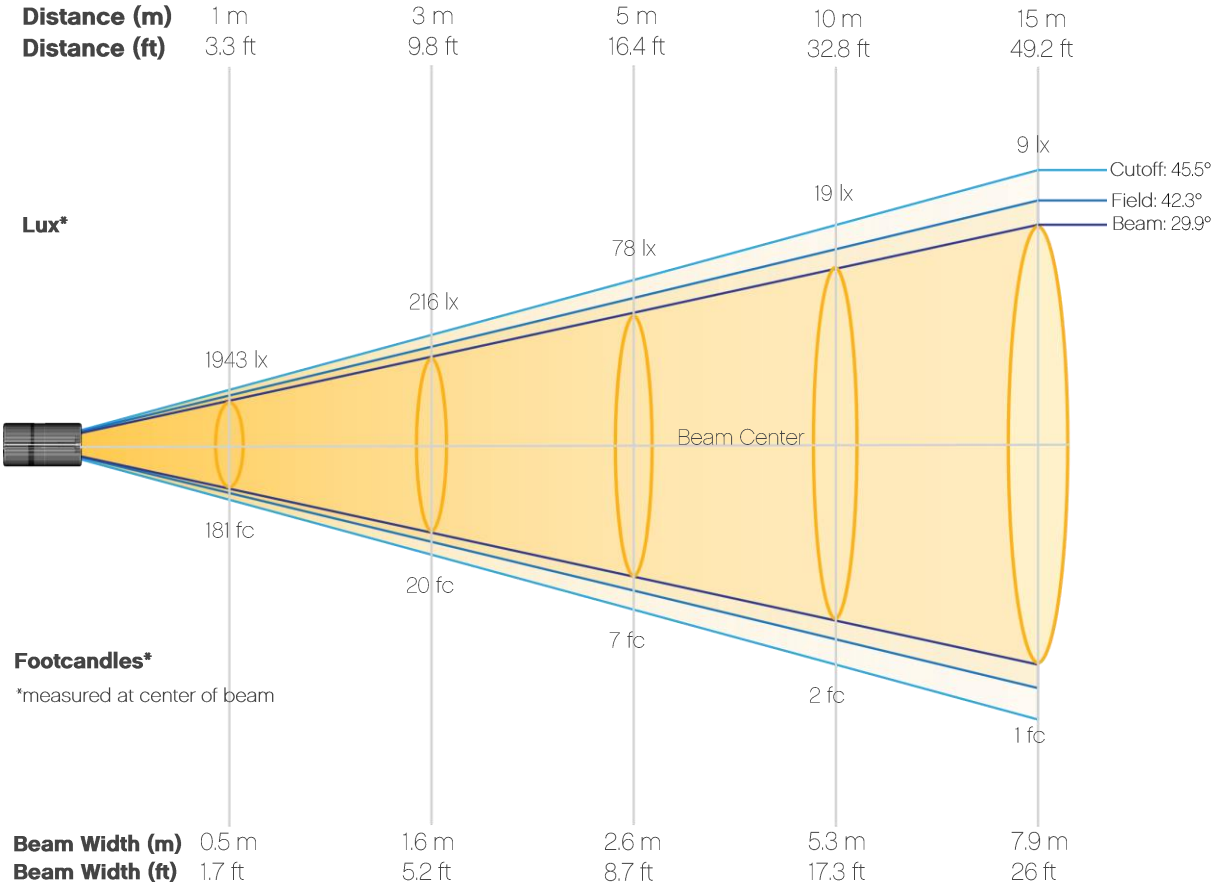
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration Off

Beam Details

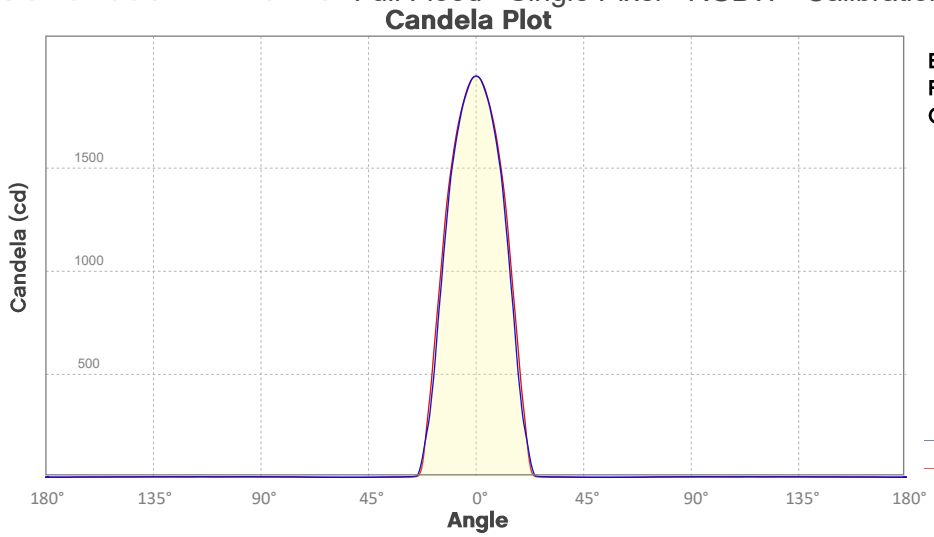


Beam Iluminances from 1-20m (3.3-65.6ft)

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

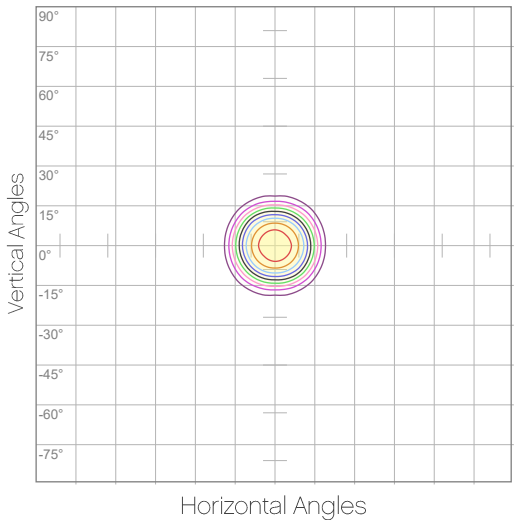
Photometric Report

COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration Off



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

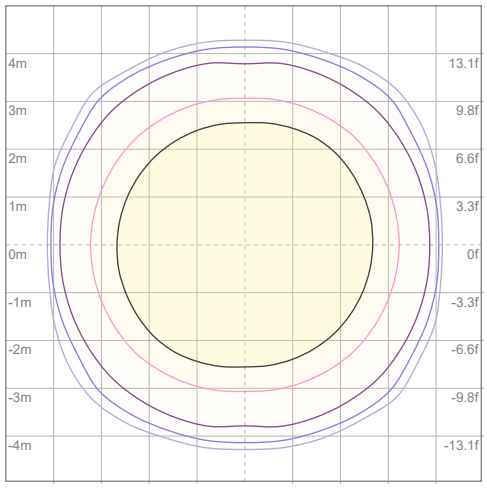
Polar Diagrams



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 16: Full Spot - Full Power - Calibration On

Report Summary

Output

Total Lumens: 6863 lm
Peak Intensity: 655714 cd
Illuminance @ 5m: 26229 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 5.8°
Vertical Beam Angle (50%): 5.8°
Horizontal Field Angle (10%): 8.9°
Vertical Field Angle (10%): 8.9°
Horizontal Cutoff Angle (3%): 10°
Vertical Cutoff Angle (3%): 10°

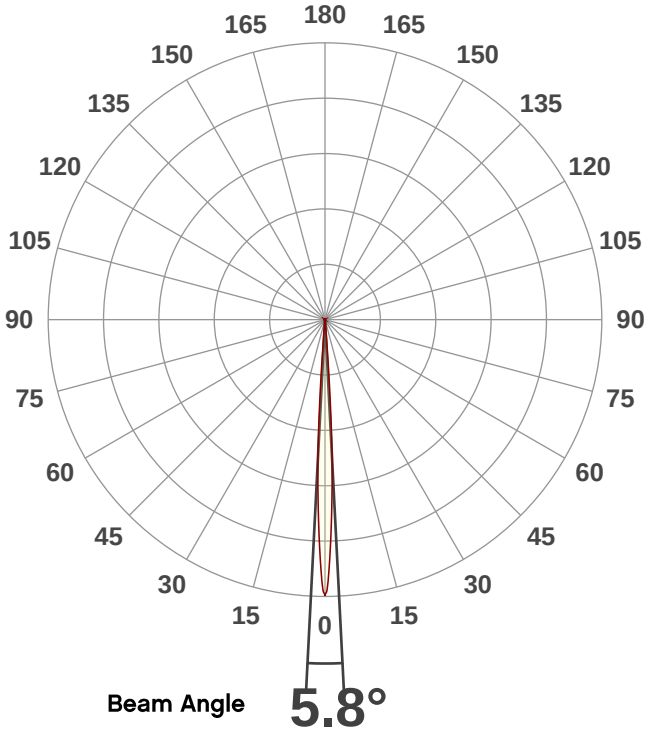
Conditions

AC Supply: 117 V, 60 Hz
Power: 729.72 W
Current: 6.24 A
Power Factor: 0.99

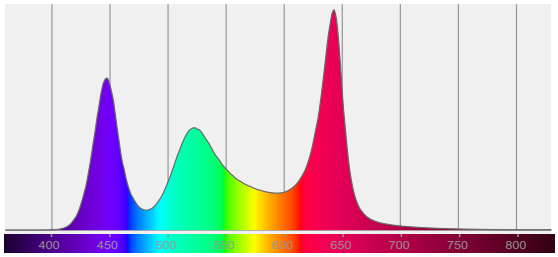
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

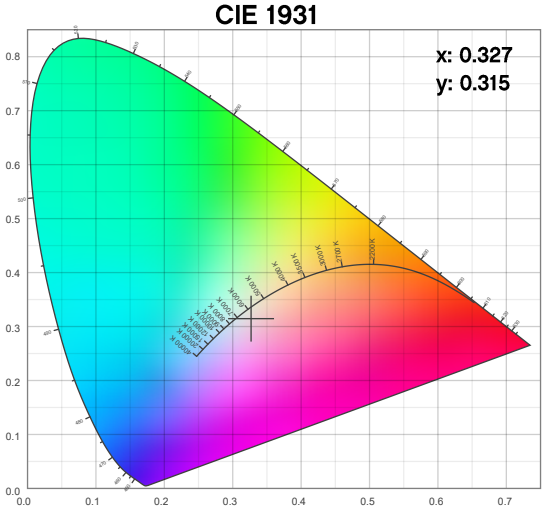
Angular Beam Distribution



Spectral Distribution



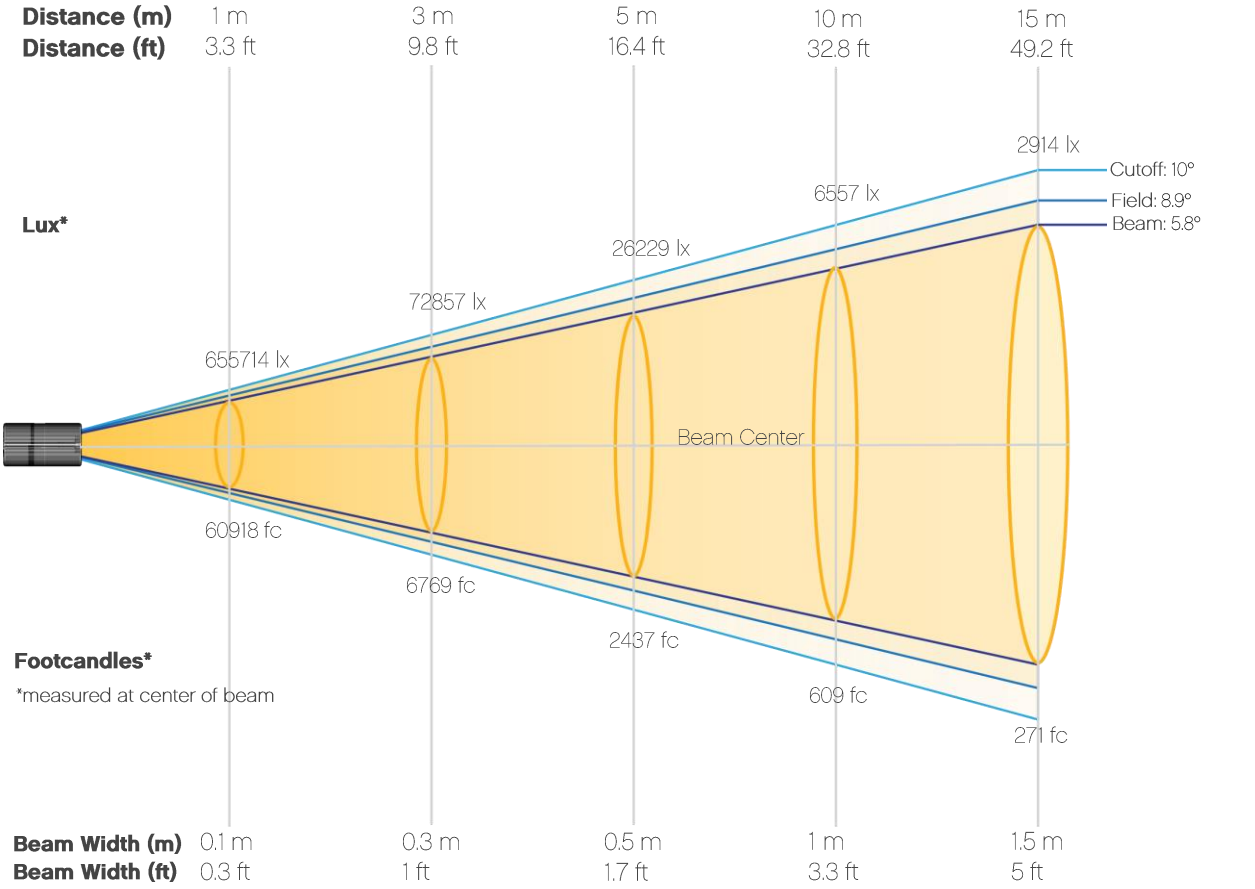
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration On

Beam Details



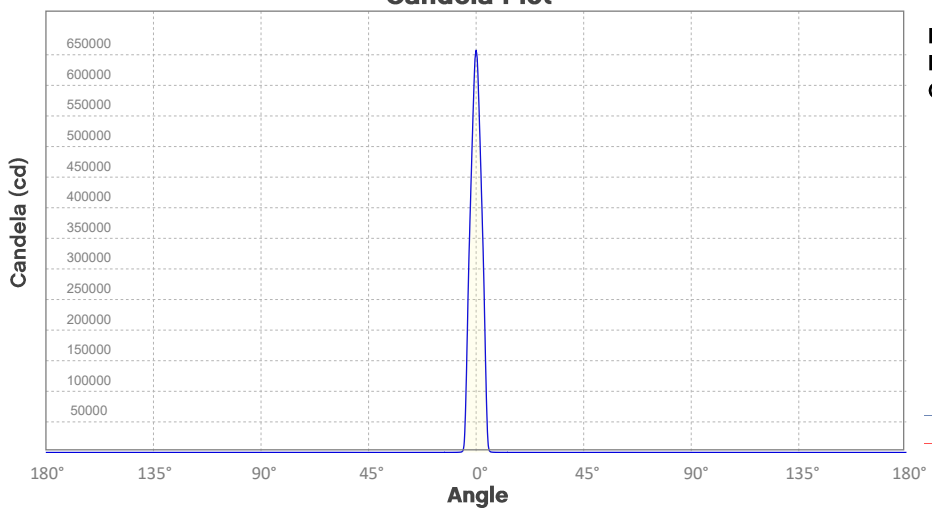
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	655714	163928	72857	40982	26229	18214	13382	10246	8095	6557
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	5419	4554	3880	3345	2914	2561	2269	2024	1816	1639
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	60918	15229	6769	3807	2437	1692	1243	952	752	609
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	503	423	360	311	271	238	211	188	169	152

Photometric Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration On

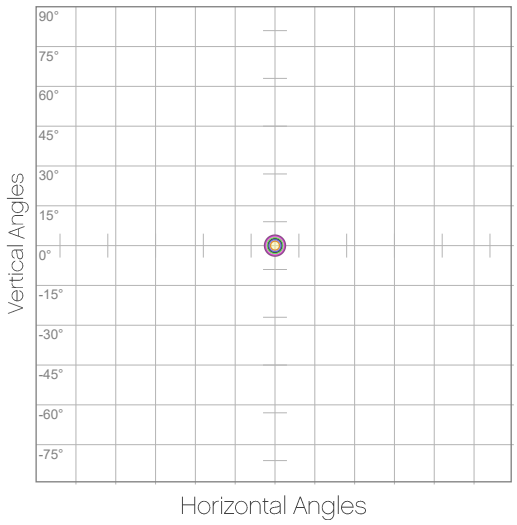
Candela Plot



Beam Angle (50%): 5.8°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 10°

Horizontal Distribution
Vertical Distribution

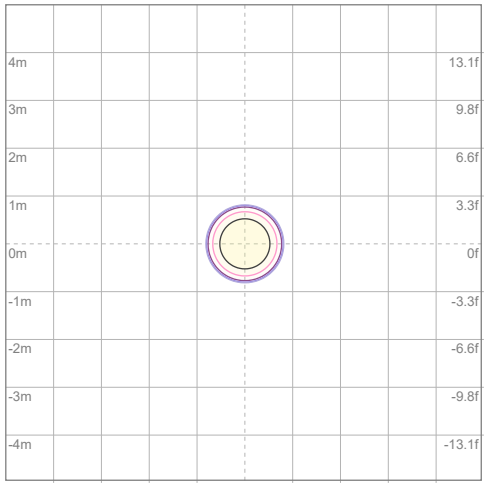
Polar Diagrams



iso-candela Diagram

10%	65571 cd
20%	131143 cd
30%	196714 cd
40%	262285 cd
50%	327857 cd
60%	393428 cd
70%	459000 cd
80%	524571 cd
90%	590142 cd

Conditions:
Number of c-planes: 2
Candela at center: 655714 cd



iso-illuminance Diagram

3%	197 lx
5%	328 lx
10%	656 lx
30%	1967 lx
50%	3279 lx

Conditions:
Number of c-planes: 2
Lux at center: 6557 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 16: Full Spot - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 7410 lm
Peak Intensity: 685387 cd
Illuminance @ 5m: 27415 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 5.8°
Vertical Beam Angle (50%): 5.8°
Horizontal Field Angle (10%): 8.9°
Vertical Field Angle (10%): 8.9°
Horizontal Cutoff Angle (3%): 10°
Vertical Cutoff Angle (3%): 10°

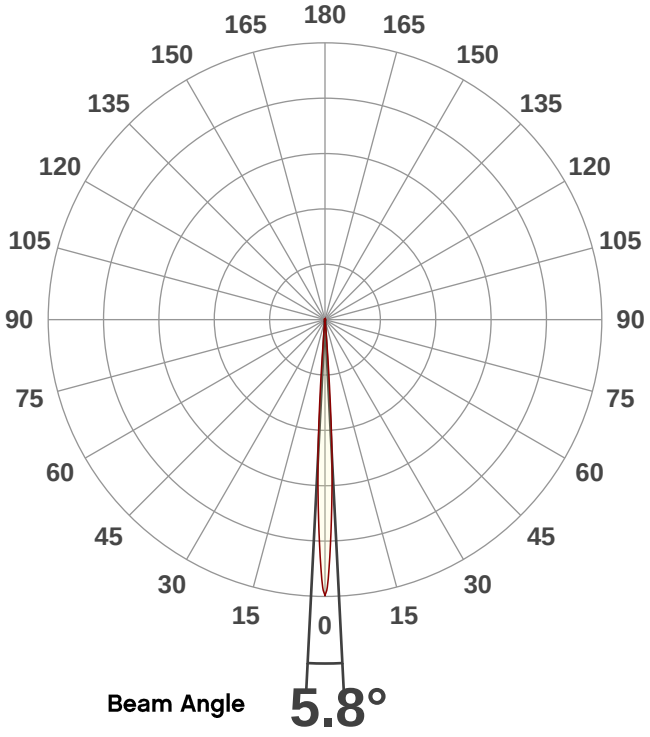
Conditions

AC Supply: 116 V, 60 Hz
Power: 872.84 W
Current: 7.53 A
Power Factor: 1.0

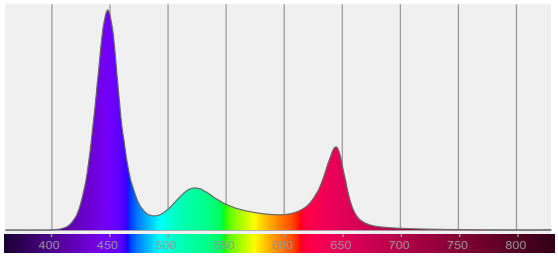
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

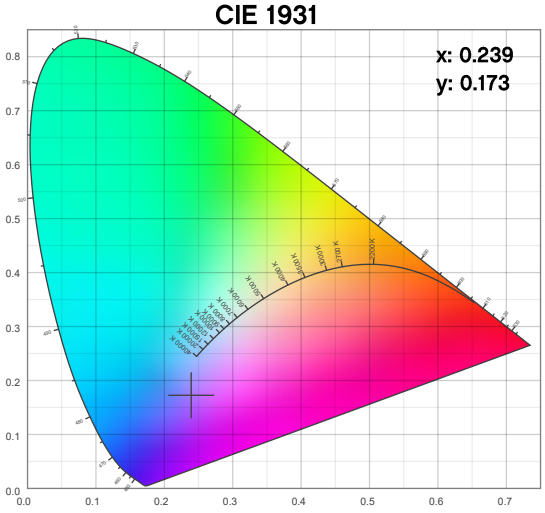
Angular Beam Distribution



Spectral Distribution



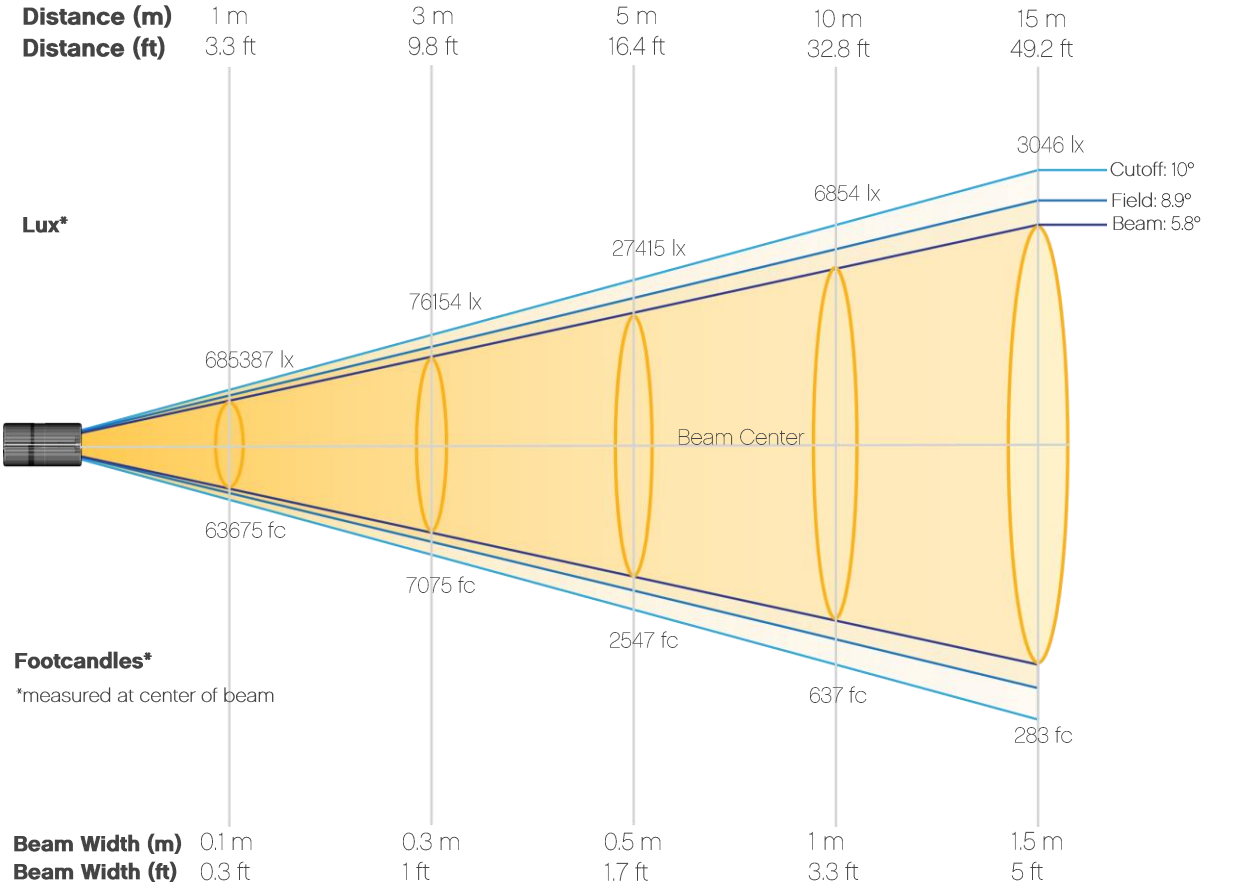
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration Off

Beam Details



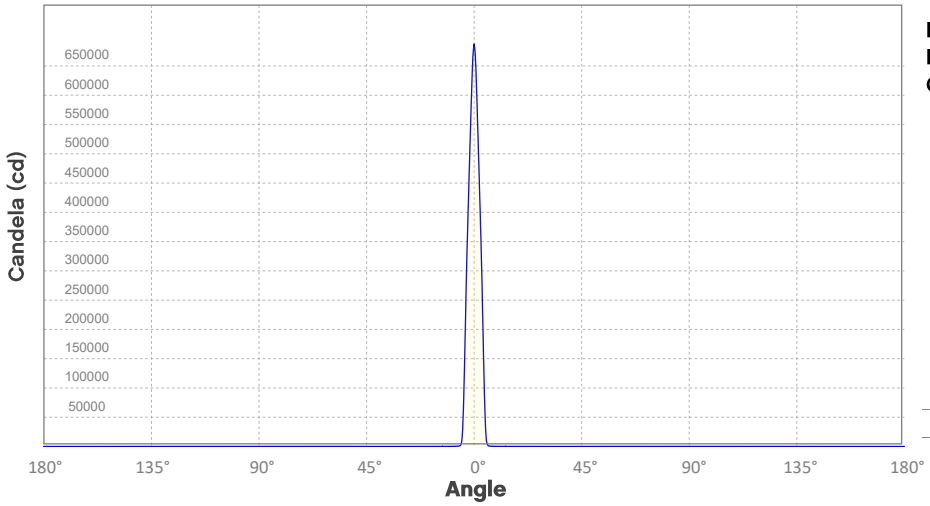
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	685387	171347	76154	42837	27415	19039	13987	10709	8462	6854
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	5664	4760	4056	3497	3046	2677	2372	2115	1899	1713
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	63675	15919	7075	3980	2547	1769	1299	995	786	637
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	526	442	377	325	283	249	220	197	176	159

Photometric Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration Off

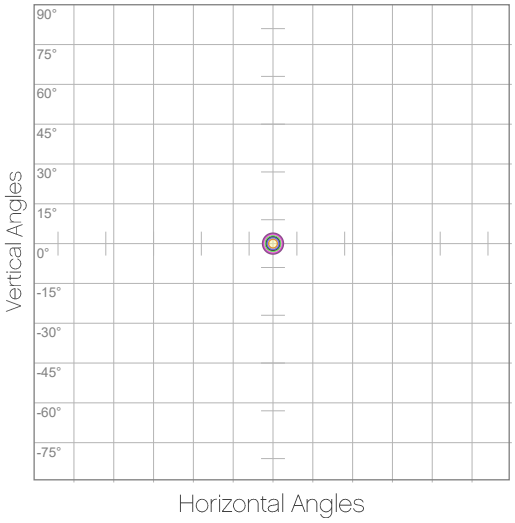
Candela Plot



Beam Angle (50%): 5.8°
Field Angle (10%): 8.9°
Cutoff Angle (3%): 10°

Horizontal Distribution
Vertical Distribution

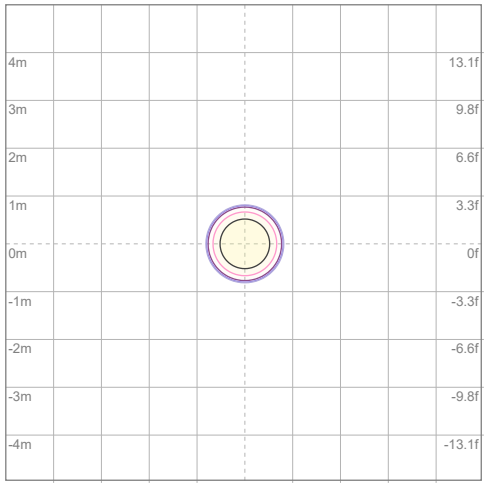
Polar Diagrams



iso-candela Diagram

	10%	68539 cd
	20%	137077 cd
	30%	205616 cd
	40%	274155 cd
	50%	342694 cd
	60%	411232 cd
	70%	479771 cd
	80%	548310 cd
	90%	616848 cd

Conditions:
Number of c-planes: 2
Candela at center: 685387 cd



iso-illuminance Diagram

	3%	206 lx
	5%	343 lx
	10%	685 lx
	30%	2056 lx
	50%	3427 lx

Conditions:
Number of c-planes: 2
Lux at center: 6854 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 16: 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°

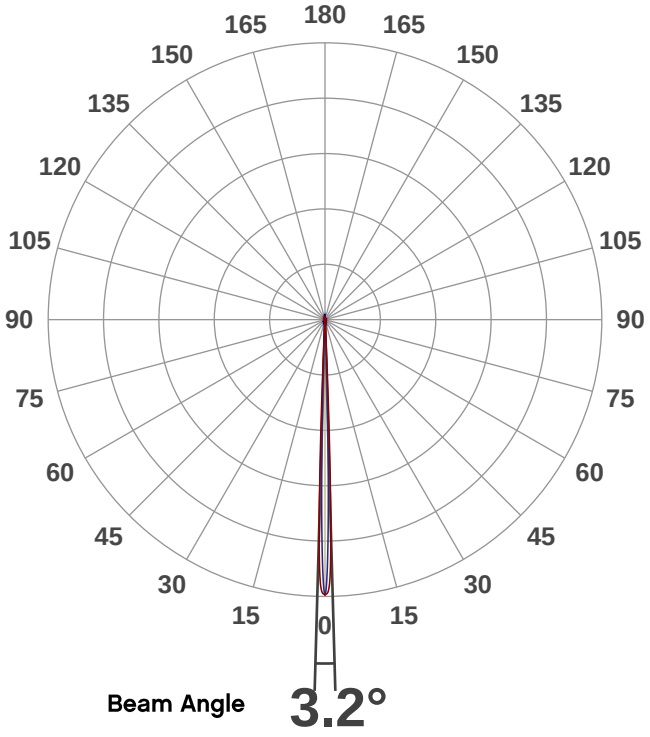
Conditions

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

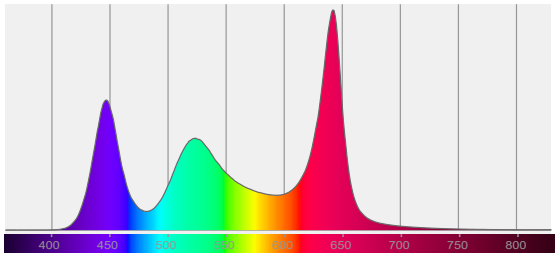
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

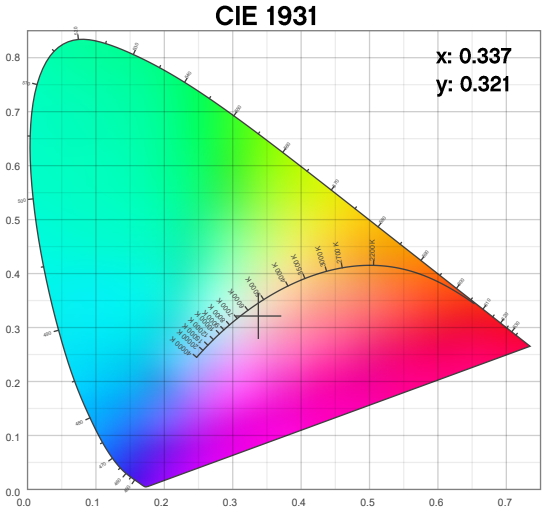
Angular Beam Distribution



Spectral Distribution



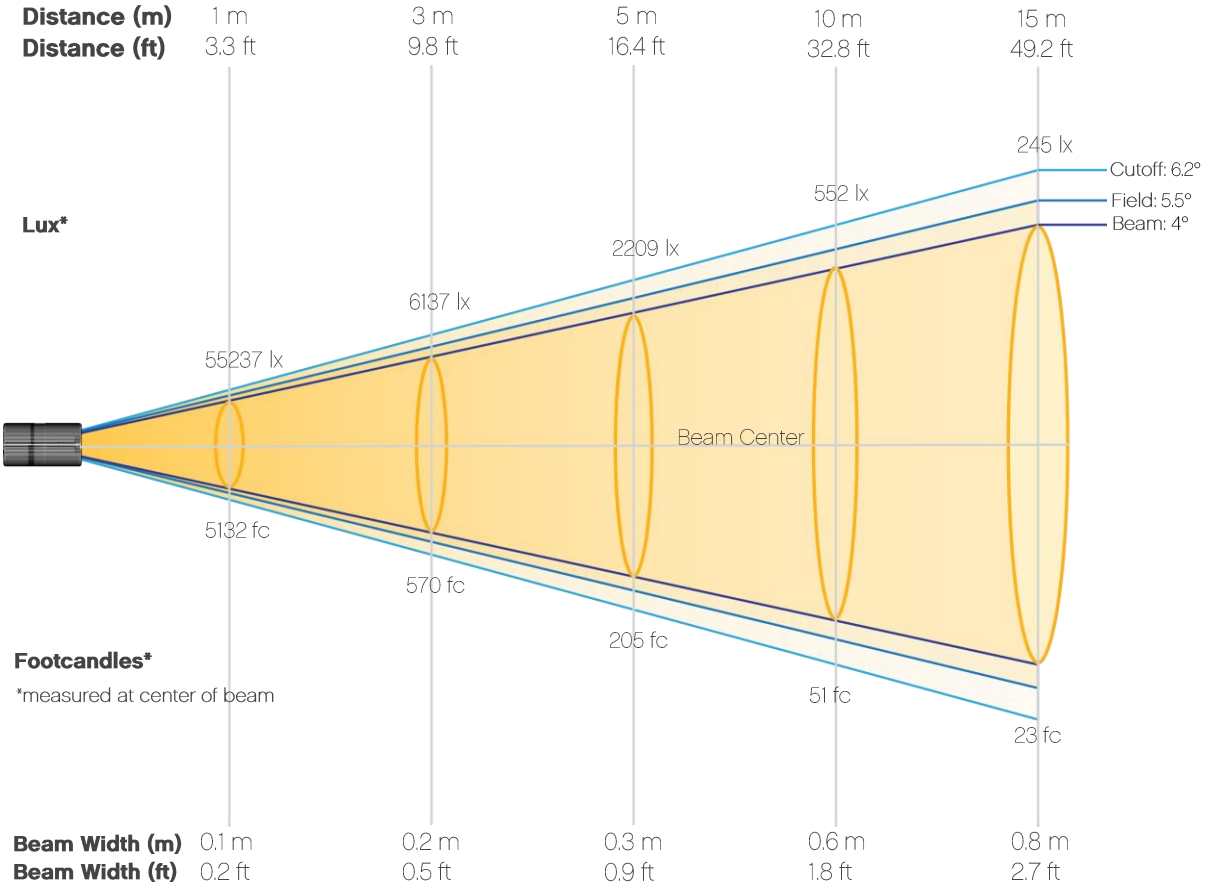
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration On

Beam Details



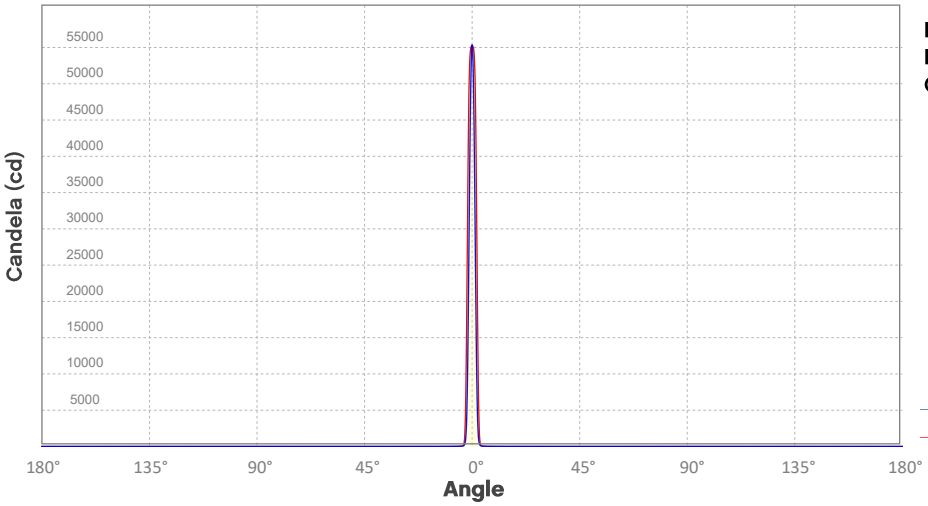
Beam Iluminances from 1-20m (3.3-65.6ft)

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 16: Full Spot - Single Pixel - RGBW - Calibration On

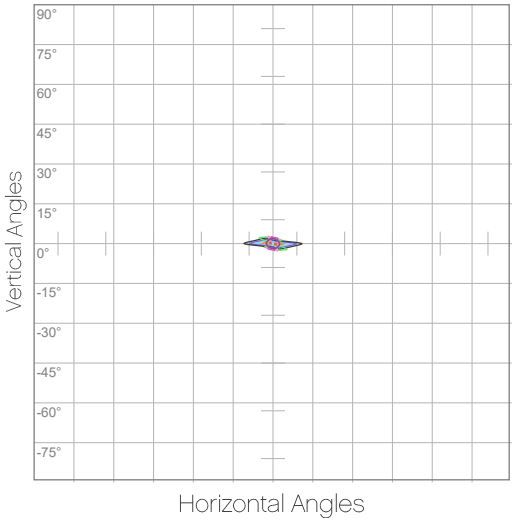
Candela Plot



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

Horizontal Distribution
Vertical Distribution

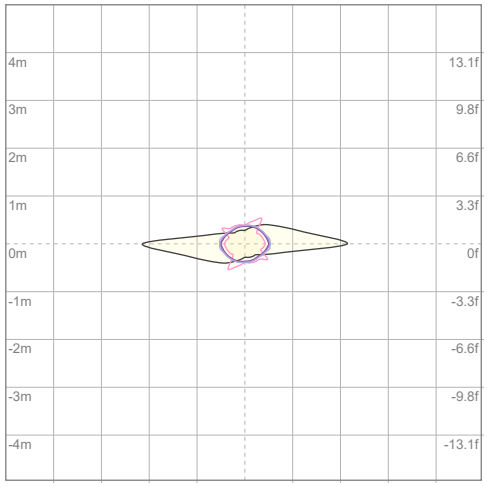
Polar Diagrams



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 16: 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°

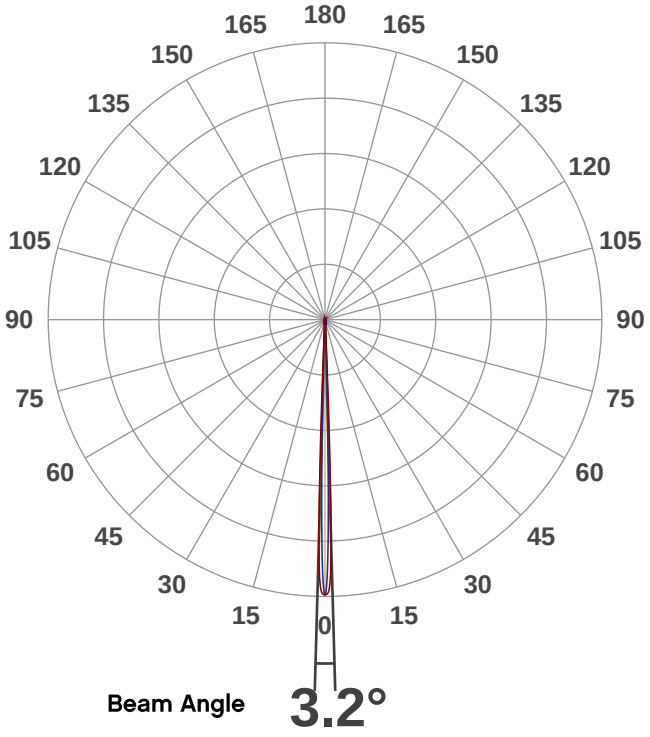
Conditions

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

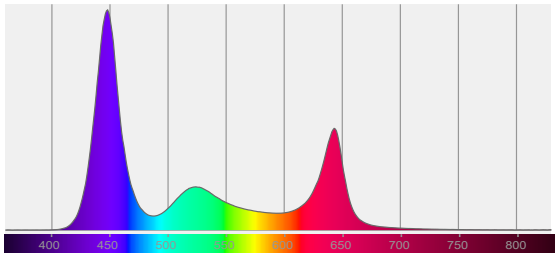
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

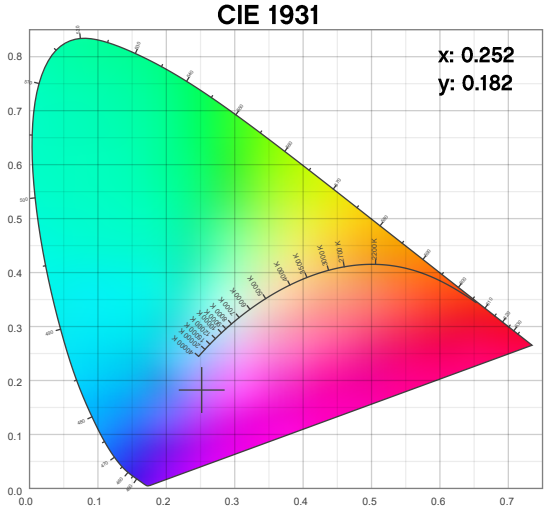
Angular Beam Distribution



Spectral Distribution



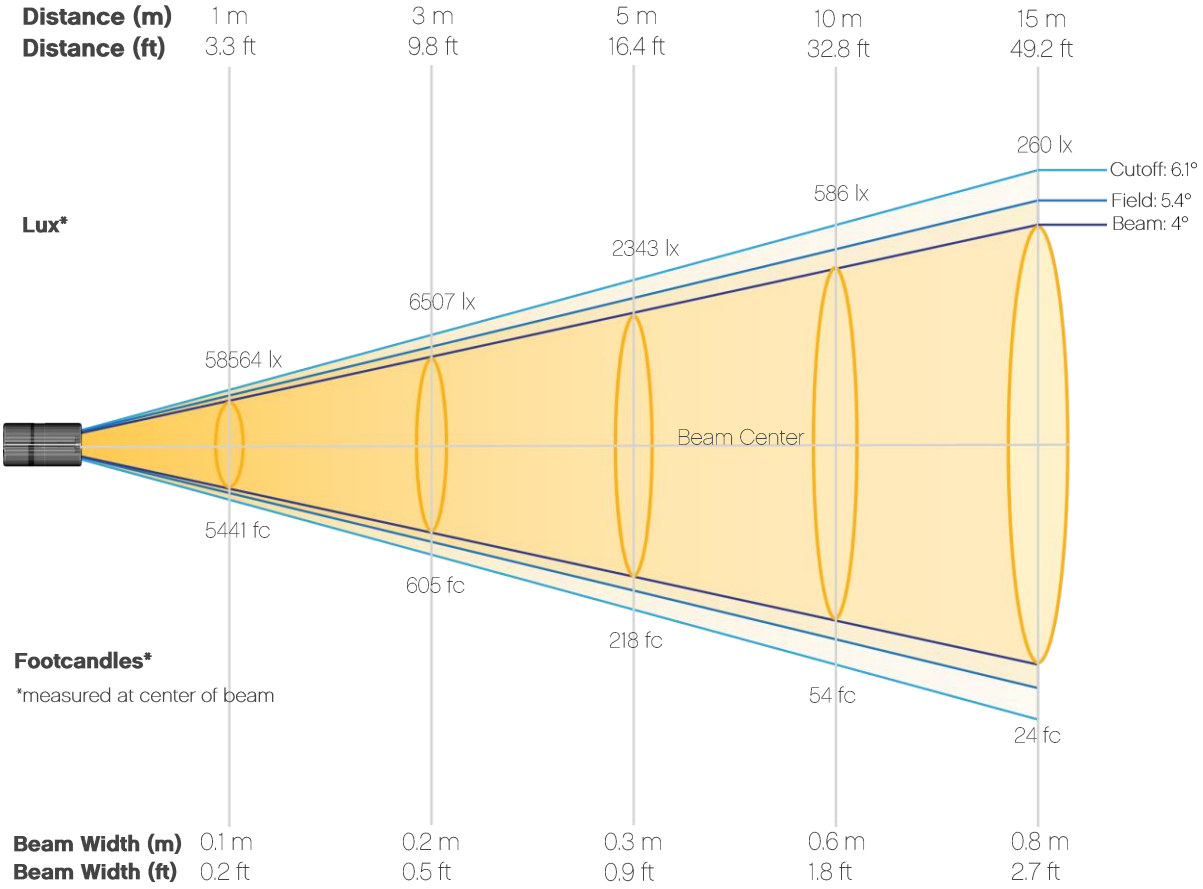
CIE 1931



Photometric Report

COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration Off

Beam Details

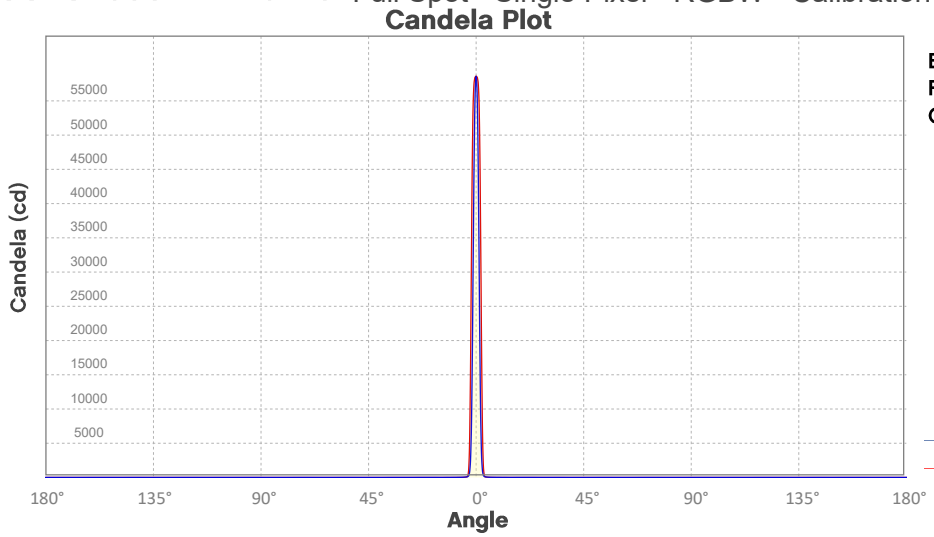


Beam Iluminances from 1-20m (3.3-65.6ft)

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

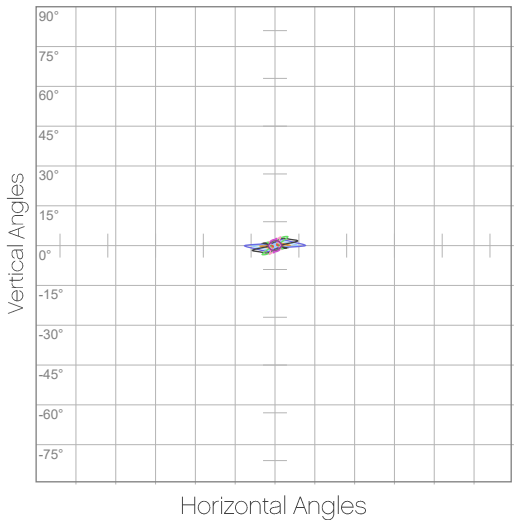
COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration Off



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

Horizontal Distribution
Vertical Distribution

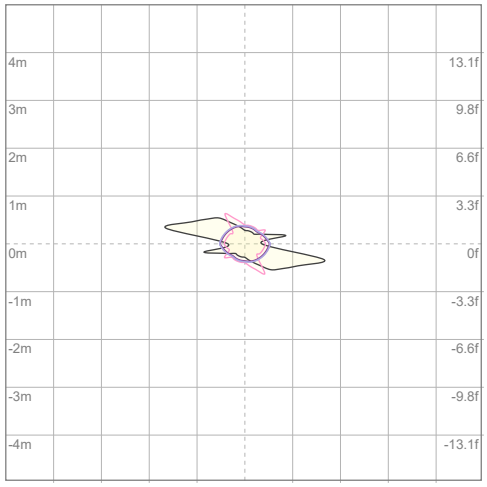
Polar Diagrams



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 16: 50% Zoom - Full Power - Calibration On

Report Summary

Output

Total Lumens: 6620 lm
Peak Intensity: 102222 cd
Illuminance @ 5m: 4089 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 20.3°
Vertical Field Angle (10%): 20.3°
Horizontal Cutoff Angle (3%): 22.9°
Vertical Cutoff Angle (3%): 22.9°

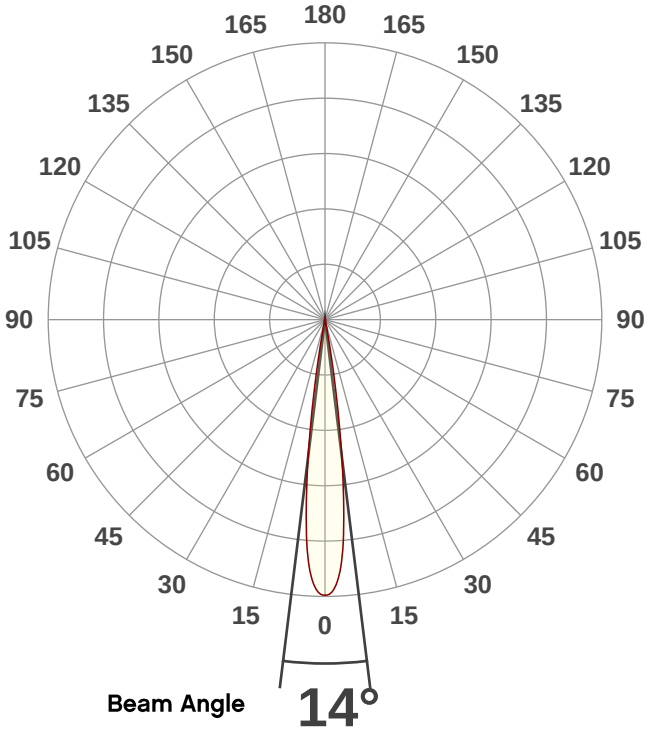
Conditions

AC Supply: 117 V, 60 Hz
Power: 716.08 W
Current: 6.10 A
Power Factor: 0.99

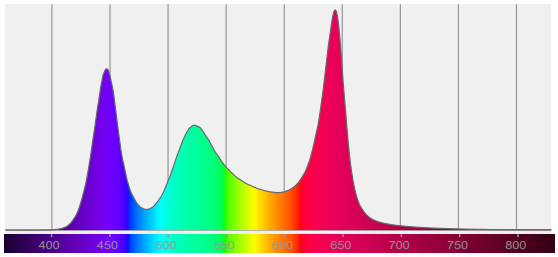
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

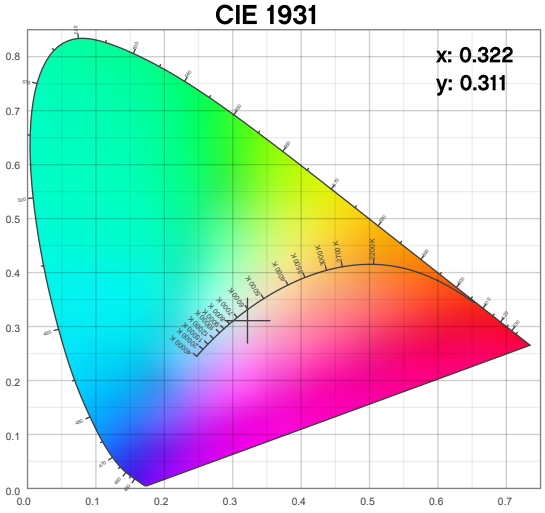
Angular Beam Distribution



Spectral Distribution



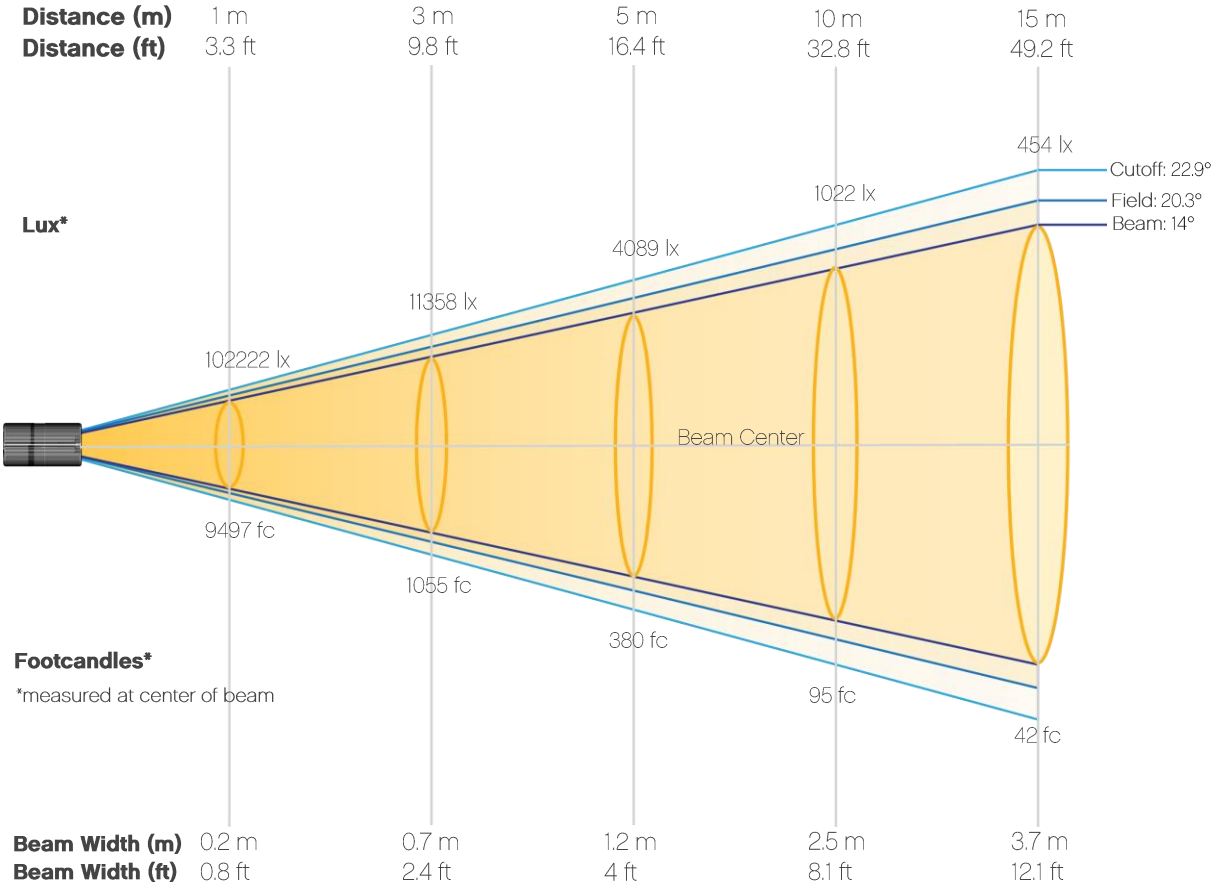
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration On

Beam Details



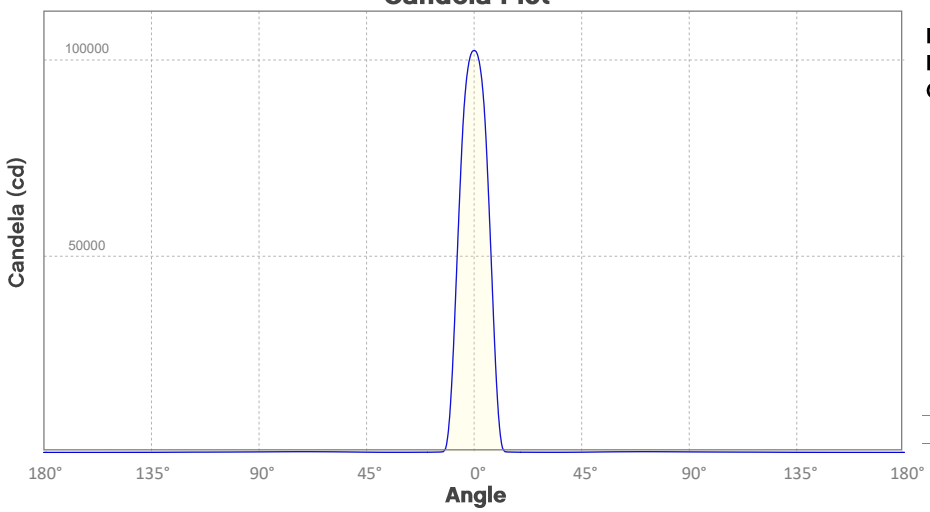
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	102222	25555	11358	6389	4089	2839	2086	1597	1262	1022
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	845	710	605	522	454	399	354	315	283	256
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	9497	2374	1055	594	380	264	194	148	117	95
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	78	66	56	48	42	37	33	29	26	24

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration On

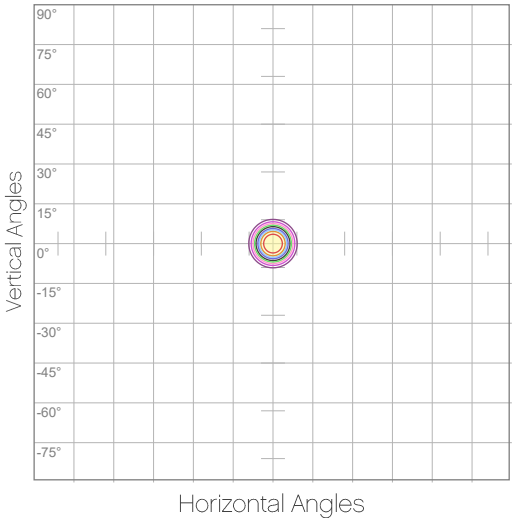
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 20.3°
Cutoff Angle (3%): 22.9°

Horizontal Distribution
Vertical Distribution

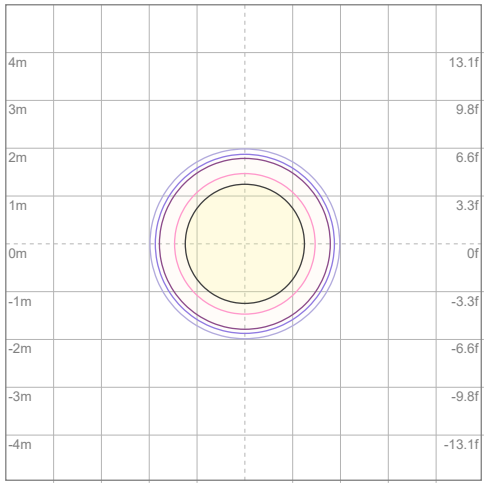
Polar Diagrams



iso-candela Diagram

10%	10222 cd
20%	20444 cd
30%	30667 cd
40%	40889 cd
50%	51111 cd
60%	61333 cd
70%	71555 cd
80%	81778 cd
90%	92000 cd

Conditions:
Number of c-planes: 2
Candela at center: 102222 cd



iso-illuminance Diagram

3%	30.7 lx
5%	51.1 lx
10%	102 lx
30%	307 lx
50%	511 lx

Conditions:
Number of c-planes: 2
Lux at center: 1022 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 16: 50% Zoom - Full Power - Calibration Off

Report Summary

Output

Total Lumens: 7202 lm
Peak Intensity: 109782 cd
Illuminance @ 5m: 4391 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 13.9°
Vertical Beam Angle (50%): 13.9°
Horizontal Field Angle (10%): 20.3°
Vertical Field Angle (10%): 20.3°
Horizontal Cutoff Angle (3%): 22.8°
Vertical Cutoff Angle (3%): 22.8°

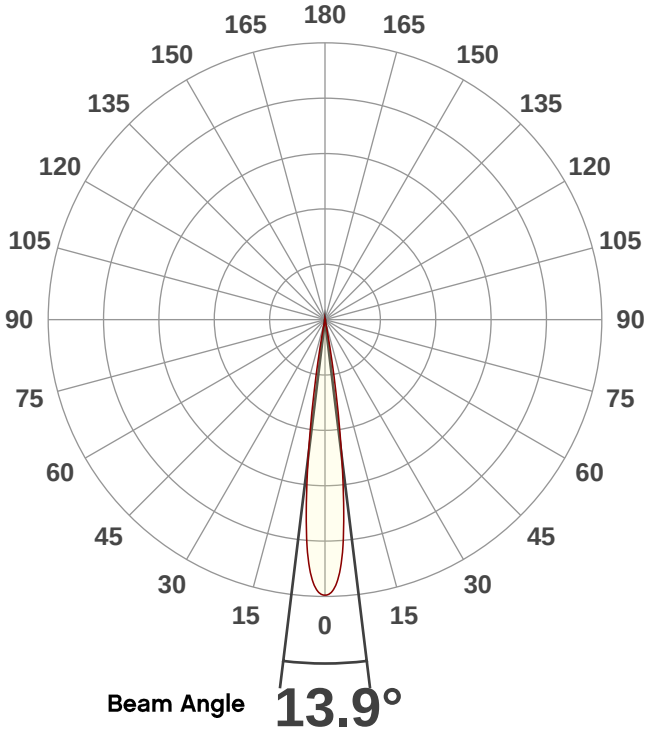
Conditions

AC Supply: 116 V, 60 Hz
Power: 873.94 W
Current: 7.56 A
Power Factor: 1.0

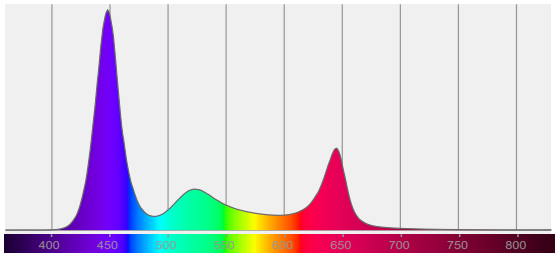
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

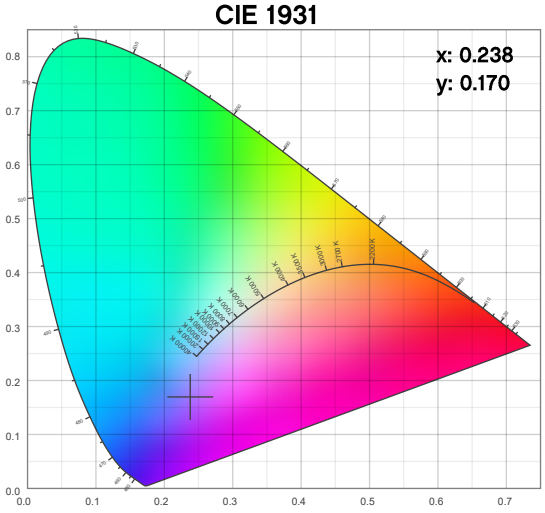
Angular Beam Distribution



Spectral Distribution



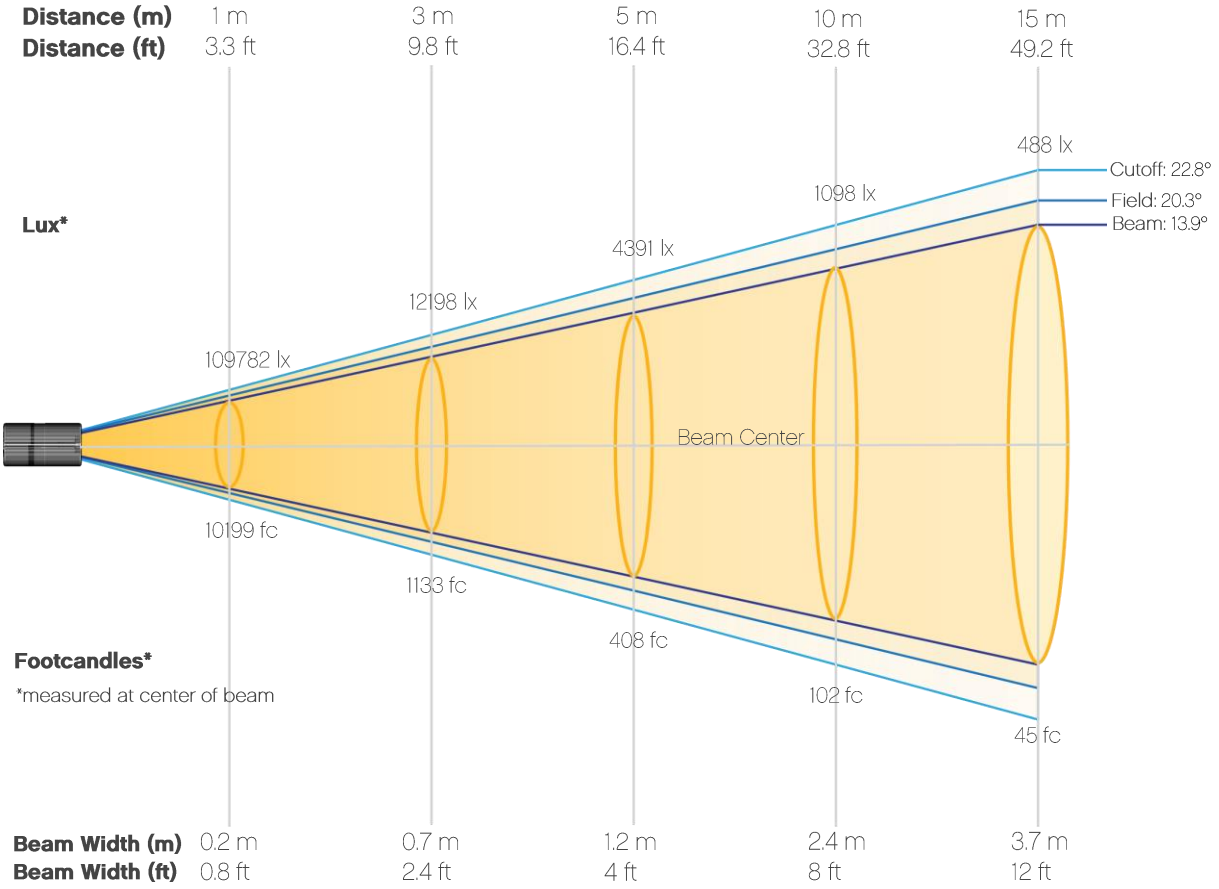
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off

Beam Details



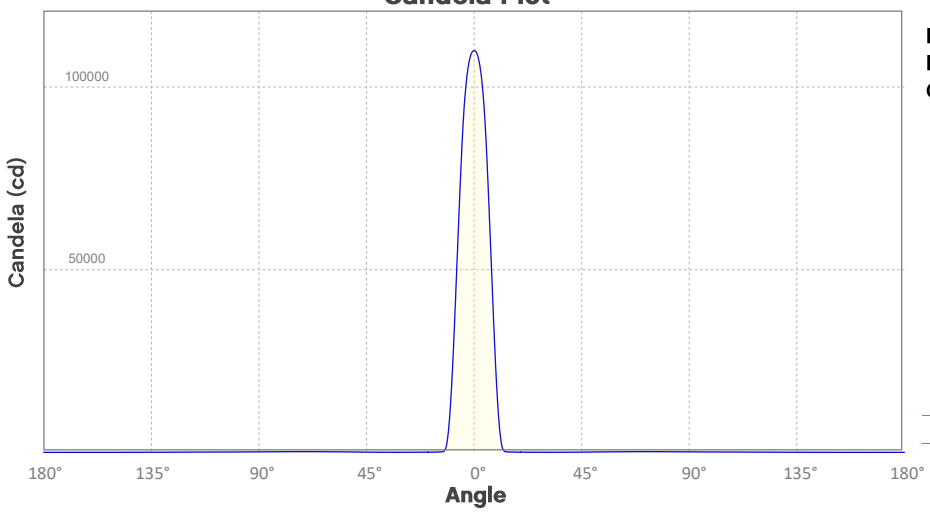
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	109782	27446	12198	6861	4391	3050	2240	1715	1355	1098
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	907	762	650	560	488	429	380	339	304	274
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	10199	2550	1133	637	408	283	208	159	126	102
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	84	71	60	52	45	40	35	31	28	25

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off

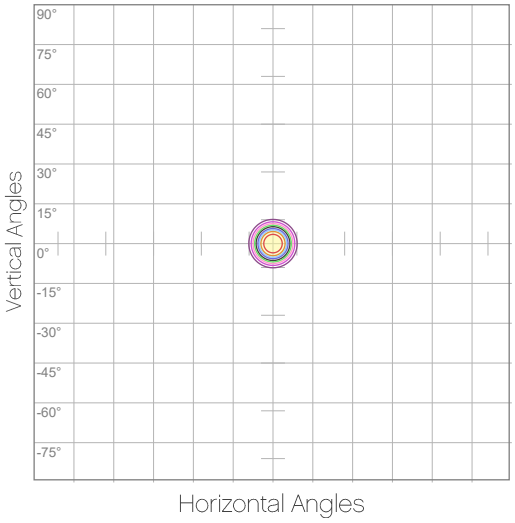
Candela Plot



Beam Angle (50%): 13.9°
Field Angle (10%): 20.3°
Cutoff Angle (3%): 22.8°

Horizontal Distribution
Vertical Distribution

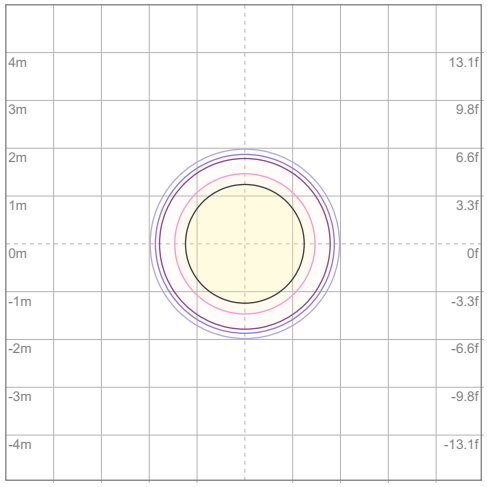
Polar Diagrams



iso-candela Diagram

10%	10978 cd
20%	21956 cd
30%	32935 cd
40%	43913 cd
50%	54891 cd
60%	65869 cd
70%	76848 cd
80%	87826 cd
90%	98804 cd

Conditions:
Number of c-planes: 2
Candela at center: 109782 cd



iso-illuminance Diagram

3%	32.9 lx
5%	54.9 lx
10%	110 lx
30%	329 lx
50%	549 lx

Conditions:
Number of c-planes: 2
Lux at center: 1098 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 16: 50% Zoom - Full Power - Calibration Off - Stable

Report Summary

Output

Total Lumens: 6605 lm
Peak Intensity: 99119 cd
Illuminance @ 5m: 3965 lux
Fixture Efficacy: 17 lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 20.5°
Vertical Field Angle (10%): 20.5°
Horizontal Cutoff Angle (3%): 23.2°
Vertical Cutoff Angle (3%): 23.2°

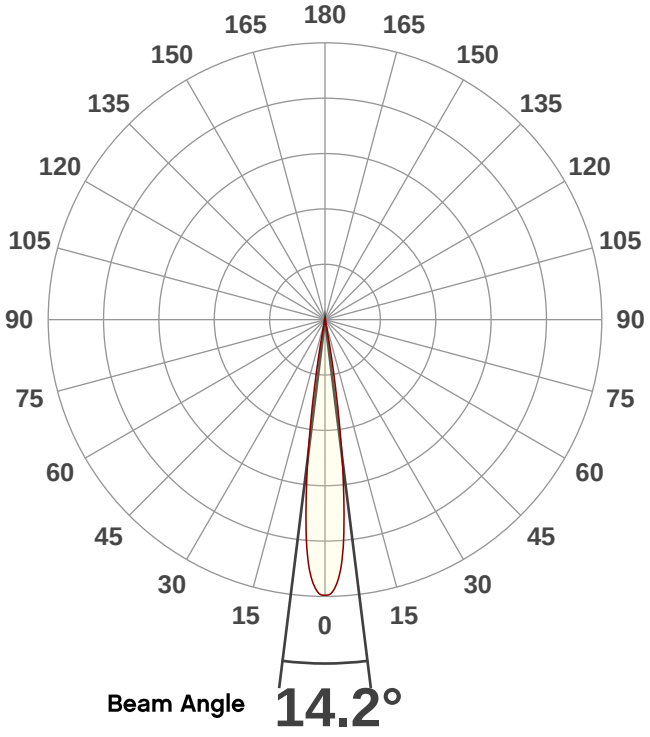
Conditions

AC Supply: 118 V, 60 Hz
Power: 568.41 W
Current: 4.83 A
Power Factor: 0.7

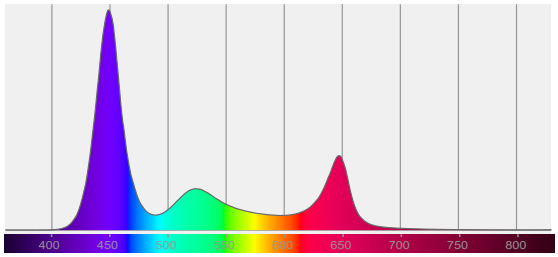
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

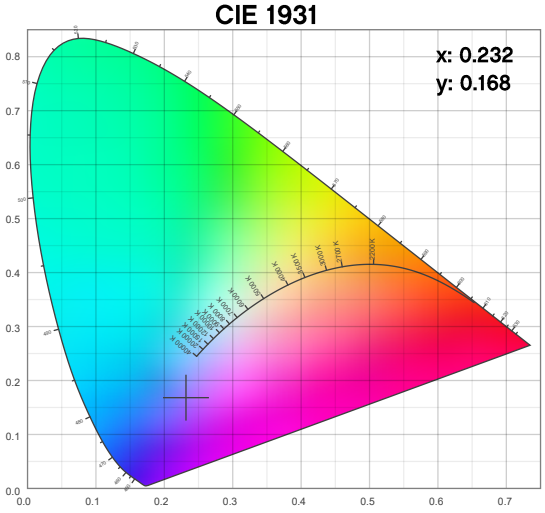
Angular Beam Distribution



Spectral Distribution



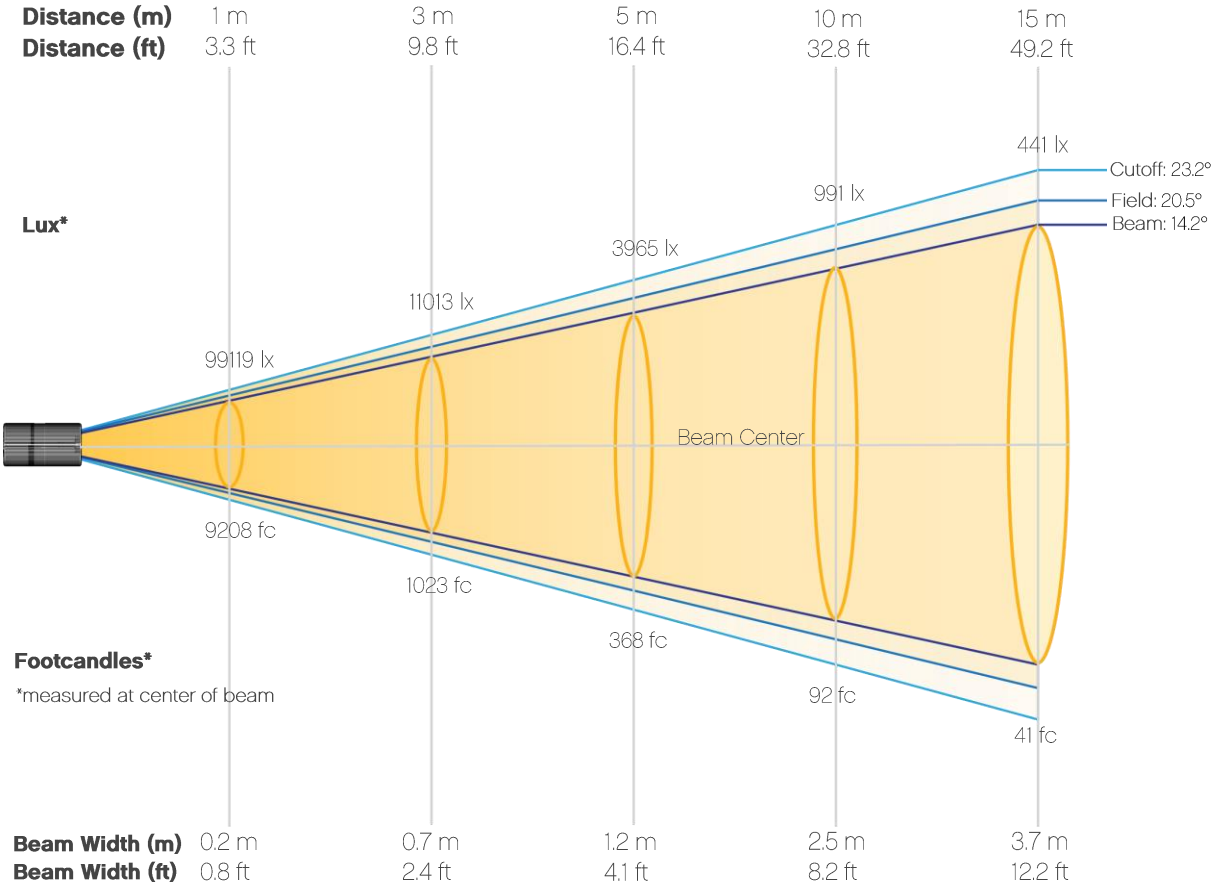
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off - Stable

Beam Details



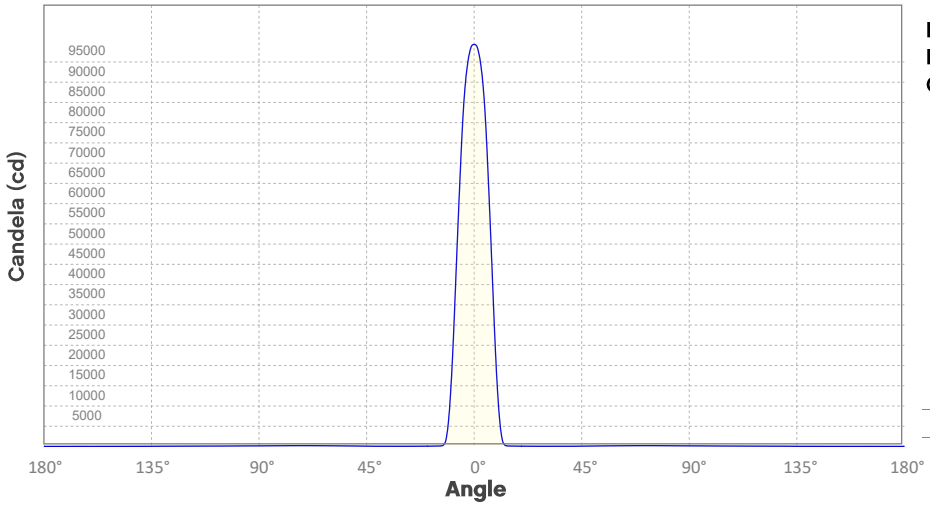
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	99119	24780	11013	6195	3965	2753	2023	1549	1224	991
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	819	688	587	506	441	387	343	306	275	248
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	9208	2302	1023	576	368	256	188	144	114	92
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	76	64	54	47	41	36	32	28	26	23

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off - Stable

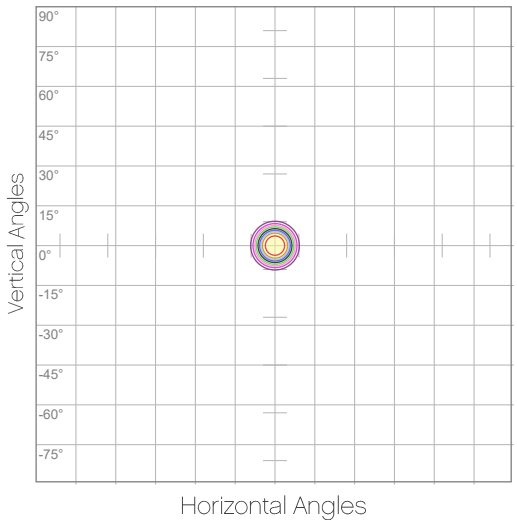
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 20.5°
Cutoff Angle (3%): 23.2°

Horizontal Distribution
Vertical Distribution

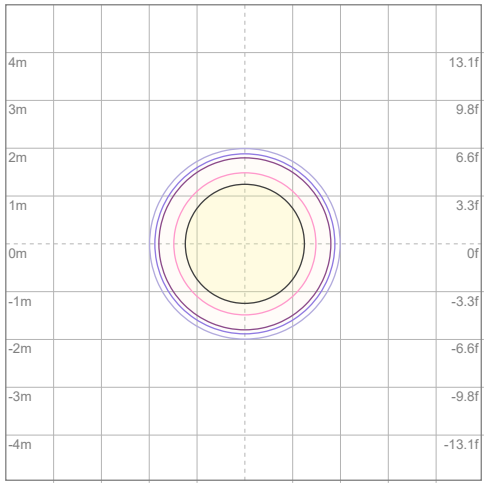
Polar Diagrams



iso-candela Diagram

10%	9912 cd
20%	19824 cd
30%	29736 cd
40%	39647 cd
50%	49559 cd
60%	59471 cd
70%	69383 cd
80%	79295 cd
90%	89207 cd

Conditions:
Number of c-planes: 2
Candela at center: 99119 cd



iso-illuminance Diagram

3%	29.7 lx
5%	49.6 lx
10%	99.1 lx
30%	297 lx
50%	496 lx

Conditions:
Number of c-planes: 2
Lux at center: 991 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 16: 50% Zoom - Red Only - Calibration On

Report Summary

Output

Total Lumens: 1386 lm
Peak Intensity: 20244 cd
Illuminance @ 5m: 810 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 14°
Horizontal Field Angle (10%): 20.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 22.8°
Vertical Cutoff Angle (3%): 22.8°

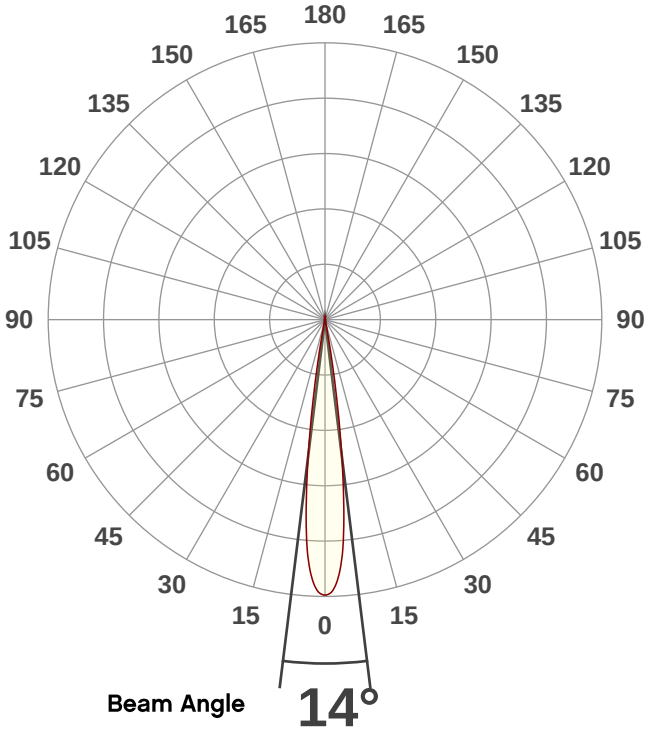
Conditions

AC Supply: 121 V, 60 Hz
Power: 308.54 W
Current: 2.56 A
Power Factor: 0.98

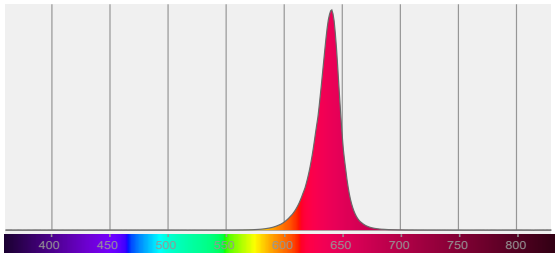
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

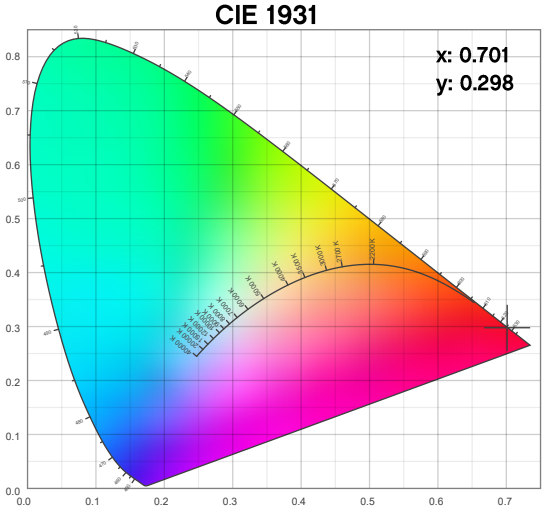
Angular Beam Distribution



Spectral Distribution



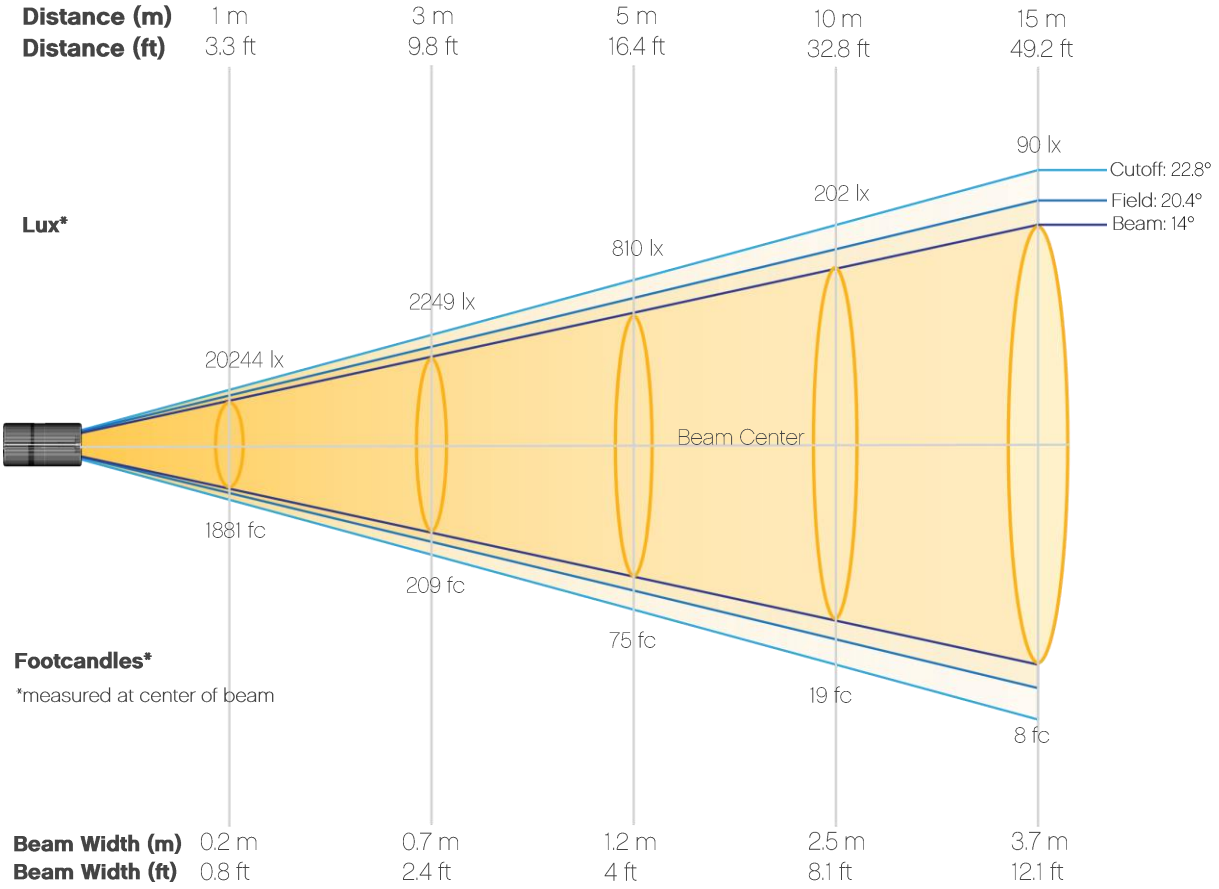
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration On

Beam Details



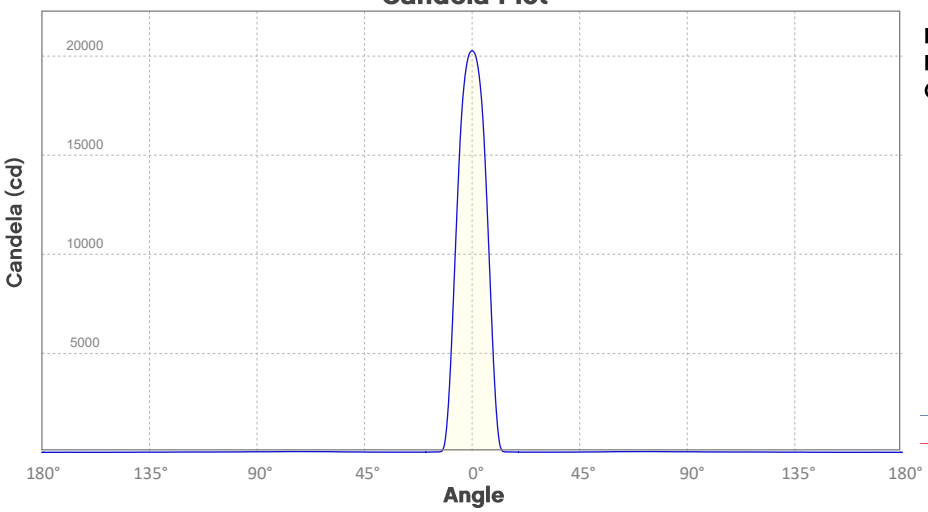
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20244	5061	2249	1265	810	562	413	316	250	202
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	167	141	120	103	90	79	70	62	56	51
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1881	470	209	118	75	52	38	29	23	19
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	16	13	11	10	8	7	7	6	5	5

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration On

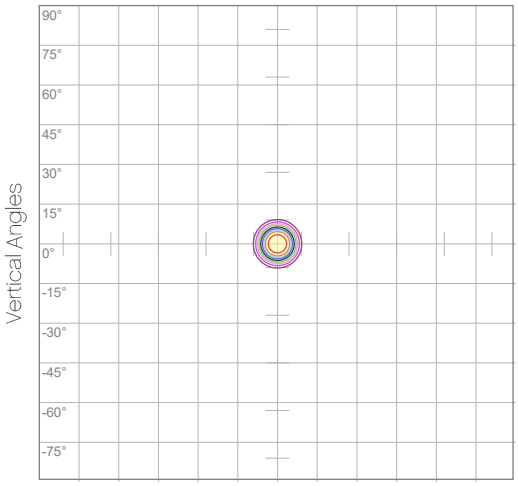
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 22.8°

Vertical Distribution
Horizontal Distribution

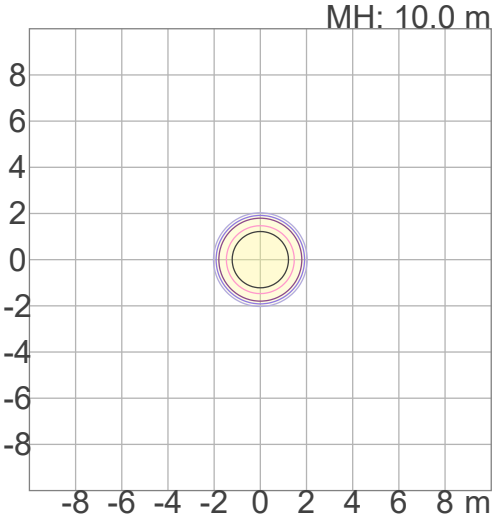
Polar Diagrams



iso-candela Diagram

	10%	2024 cd
	20%	4049 cd
	30%	6073 cd
	40%	8098 cd
	50%	10122 cd
	60%	12147 cd
	70%	14171 cd
	80%	16195 cd
	90%	18220 cd

Conditions:
Number of c-planes: 2
Candela at center: 20244 cd



iso-illuminance Diagram

	3%	6.07 lx
	5%	10.1 lx
	10%	20.2 lx
	30%	60.7 lx
	50%	101 lx

Conditions:
Number of c-planes: 2
Lux at center: 202 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 16: 50% Zoom - Red Only - Calibration Off

Report Summary

Output

Total Lumens: 1390 lm
Peak Intensity: 20810 cd
Illuminance @ 5m: 832 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 14.1°
Vertical Beam Angle (50%): 14.1°
Horizontal Field Angle (10%): 20.5°
Vertical Field Angle (10%): 20.5°
Horizontal Cutoff Angle (3%): 23.1°
Vertical Cutoff Angle (3%): 23.1°

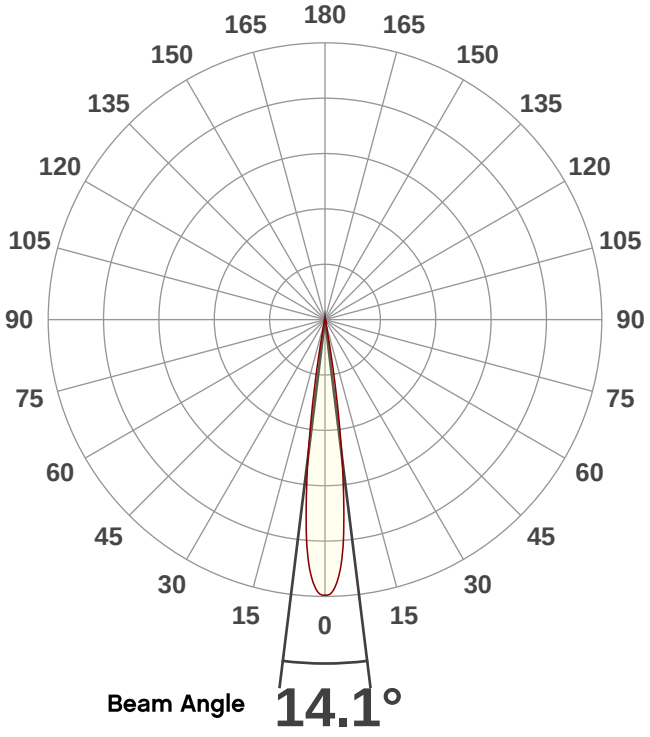
Conditions

AC Supply: 120 V, 60 Hz
Power: 303.71 W
Current: 2.54 A
Power Factor: 0.98

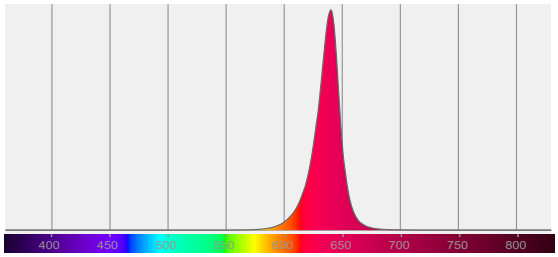
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

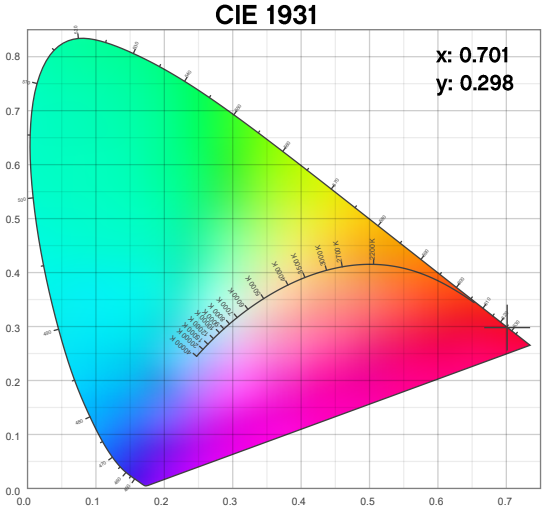
Angular Beam Distribution



Spectral Distribution



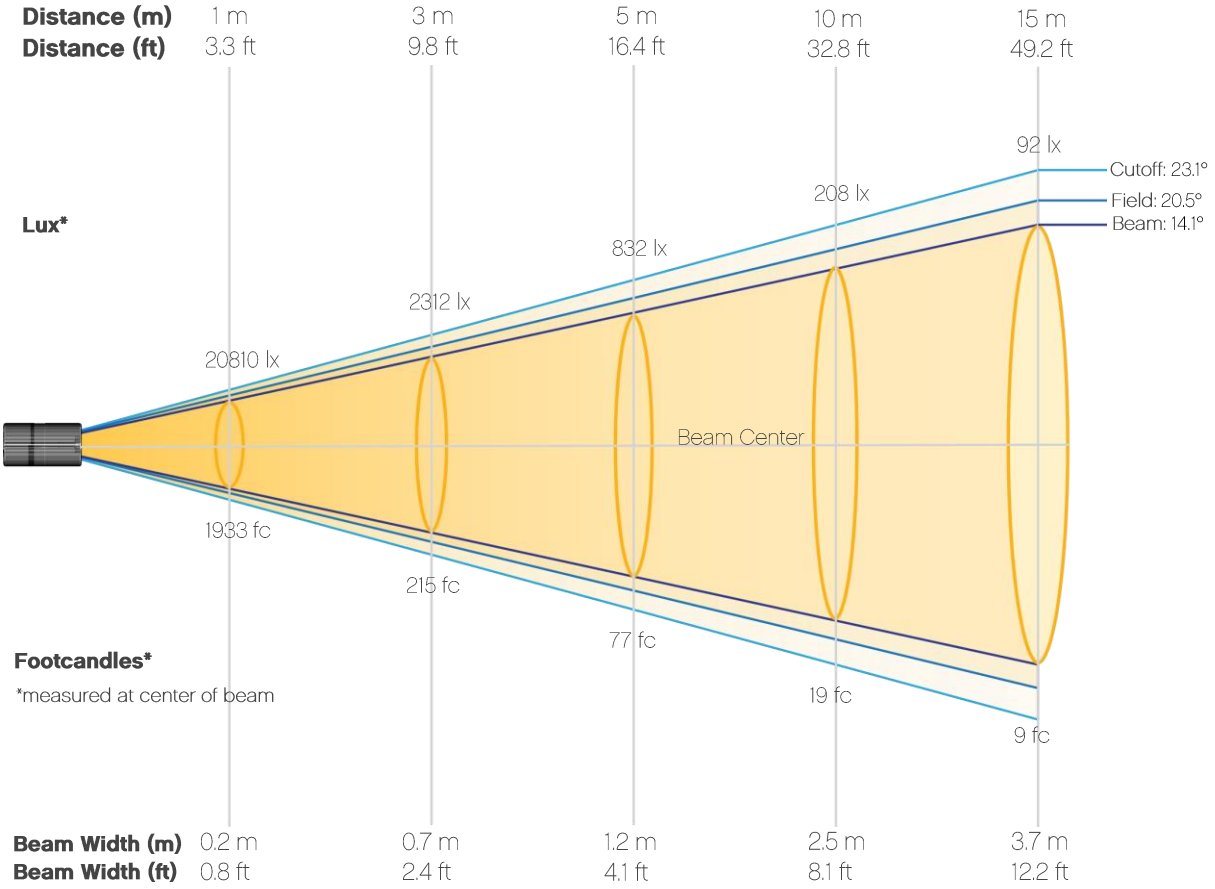
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration Off

Beam Details



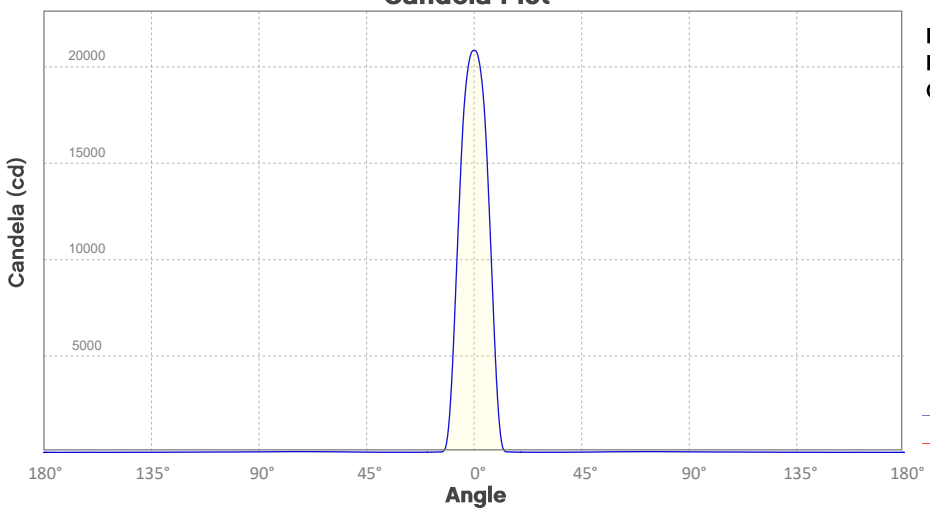
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20810	5202	2312	1301	832	578	425	325	257	208
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	172	145	123	106	92	81	72	64	58	52
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1933	483	215	121	77	54	39	30	24	19
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	16	13	11	10	9	8	7	6	5	5

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration Off

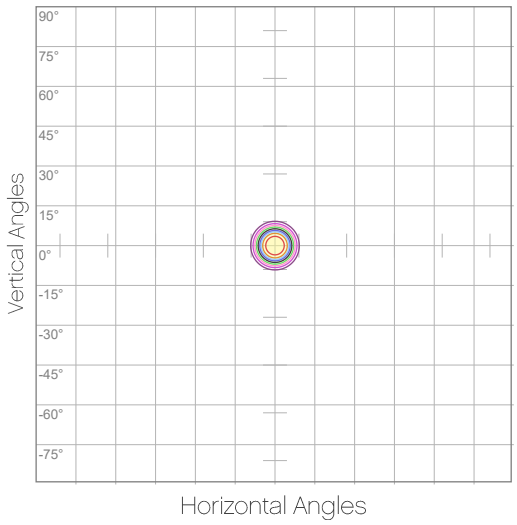
Candela Plot



Beam Angle (50%): 14.1°
Field Angle (10%): 20.5°
Cutoff Angle (3%): 23.1°

Horizontal Distribution
Vertical Distribution

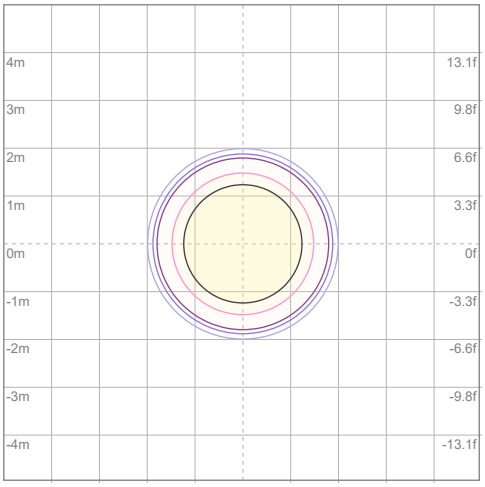
Polar Diagrams



iso-candela Diagram

10%	2081 cd
20%	4162 cd
30%	6243 cd
40%	8324 cd
50%	10405 cd
60%	12486 cd
70%	14567 cd
80%	16648 cd
90%	18729 cd

Conditions:
Number of c-planes: 2
Candela at center: 20810 cd



iso-illuminance Diagram

3%	6.24 lx
5%	10.4 lx
10%	20.8 lx
30%	62.4 lx
50%	104 lx

Conditions:
Number of c-planes: 2
Lux at center: 208 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 16: 50% Zoom - Green Only - Calibration On

Report Summary

Output

Total Lumens: 2330 lm
Peak Intensity: 37137 cd
Illuminance @ 5m: 1485 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 13.8°
Vertical Beam Angle (50%): 13.8°
Horizontal Field Angle (10%): 20.2°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 22.9°
Vertical Cutoff Angle (3%): 22.9°

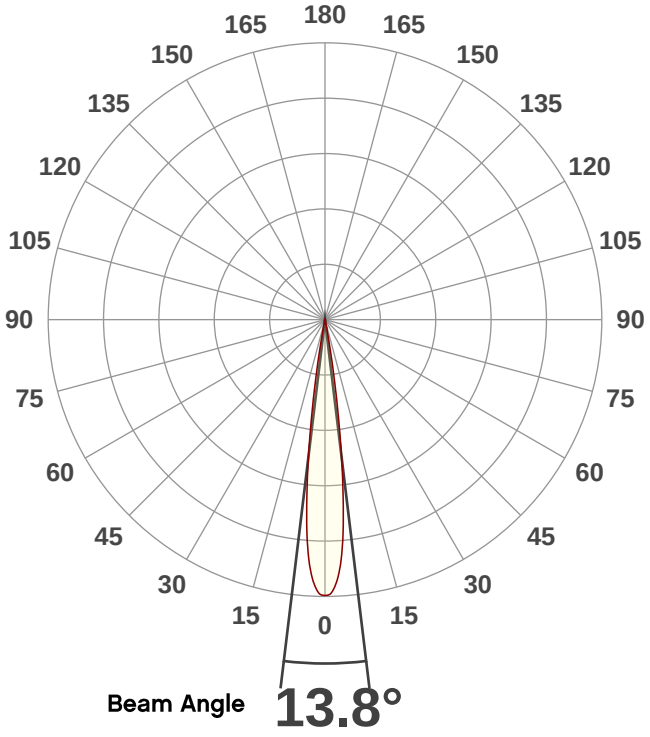
Conditions

AC Supply: 119 V, 60 Hz
Power: 374.5 W
Current: 3.14 A
Power Factor: 0.98

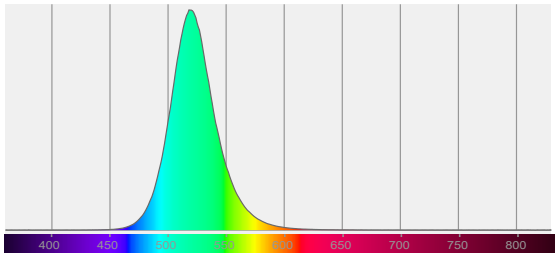
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

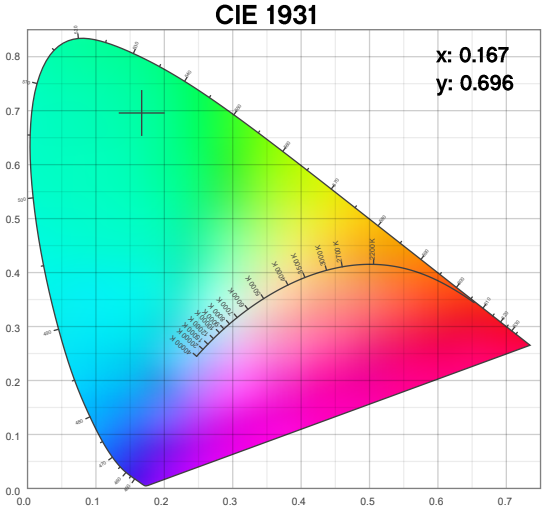
Angular Beam Distribution



Spectral Distribution



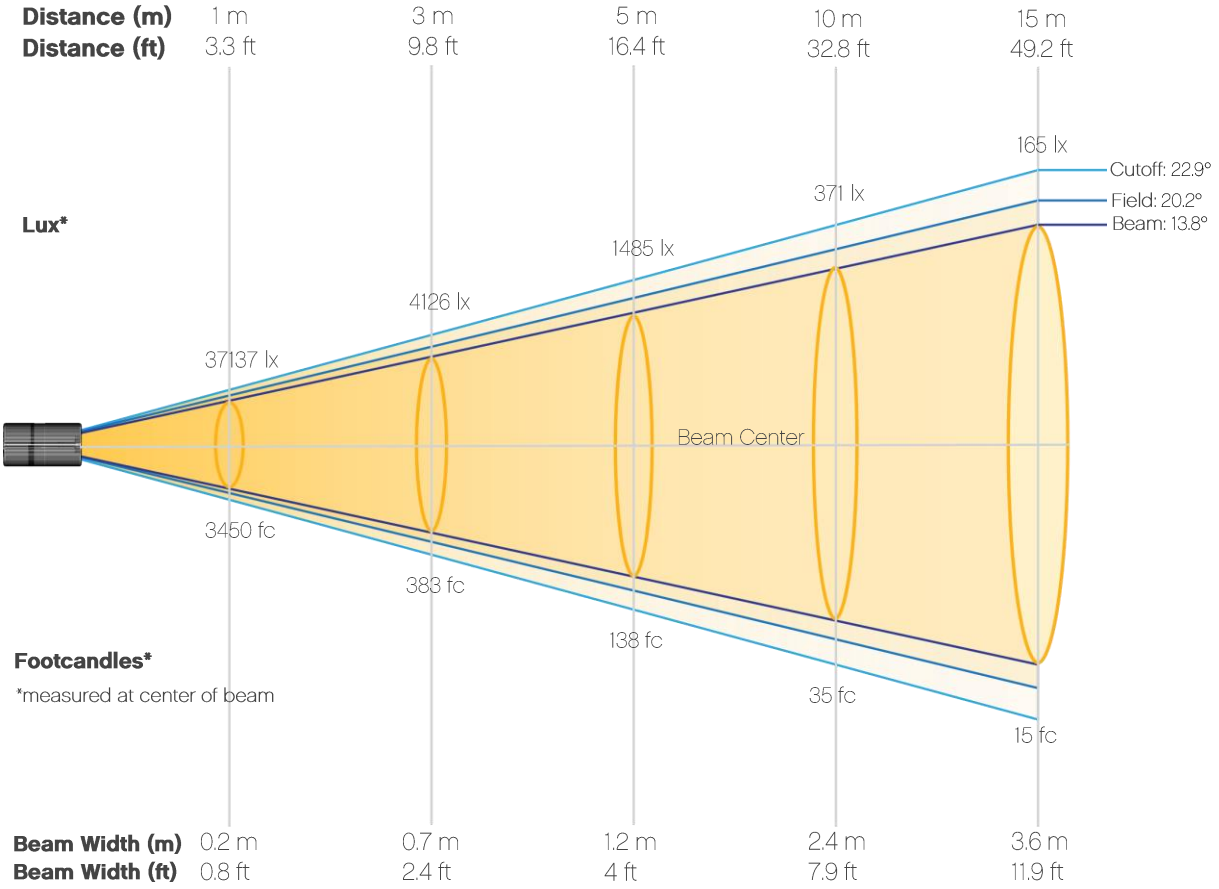
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration On

Beam Details



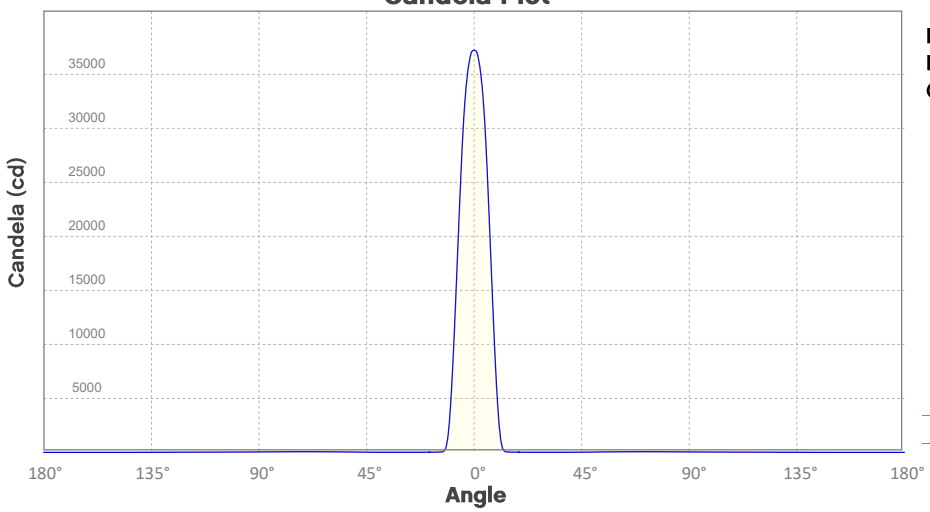
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	37137	9284	4126	2321	1485	1032	758	580	458	371
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	307	258	220	189	165	145	129	115	103	93
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3450	863	383	216	138	96	70	54	43	35
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	29	24	20	18	15	13	12	11	10	9

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration On

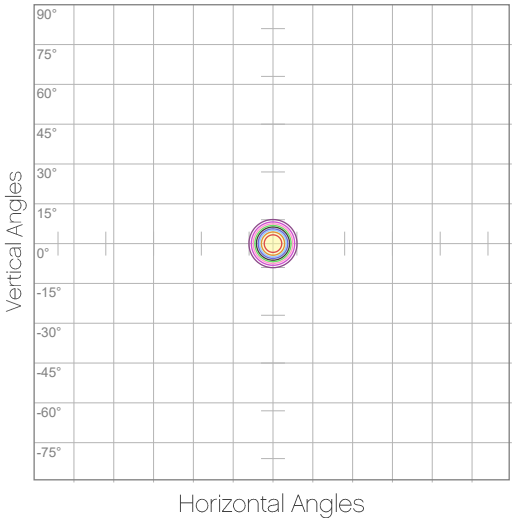
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 20.2°
Cutoff Angle (3%): 22.9°

Horizontal Distribution
Vertical Distribution

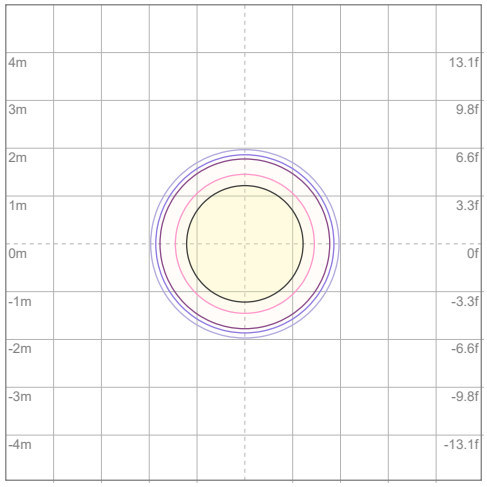
Polar Diagrams



iso-candela Diagram

10%	3714 cd
20%	7427 cd
30%	11141 cd
40%	14855 cd
50%	18568 cd
60%	22282 cd
70%	25996 cd
80%	29709 cd
90%	33423 cd

Conditions:
Number of c-planes: 2
Candela at center: 37137 cd



iso-illuminance Diagram

3%	11.1 lx
5%	18.6 lx
10%	37.1 lx
30%	111 lx
50%	186 lx

Conditions:
Number of c-planes: 2
Lux at center: 371 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 16: 50% Zoom - Green Only - Calibration Off

Report Summary

Output

Total Lumens: 2416 lm
Peak Intensity: 37266 cd
Illuminance @ 5m: 1491 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 13.8°
Vertical Beam Angle (50%): 13.8°
Horizontal Field Angle (10%): 20.2°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 22.9°
Vertical Cutoff Angle (3%): 22.9°

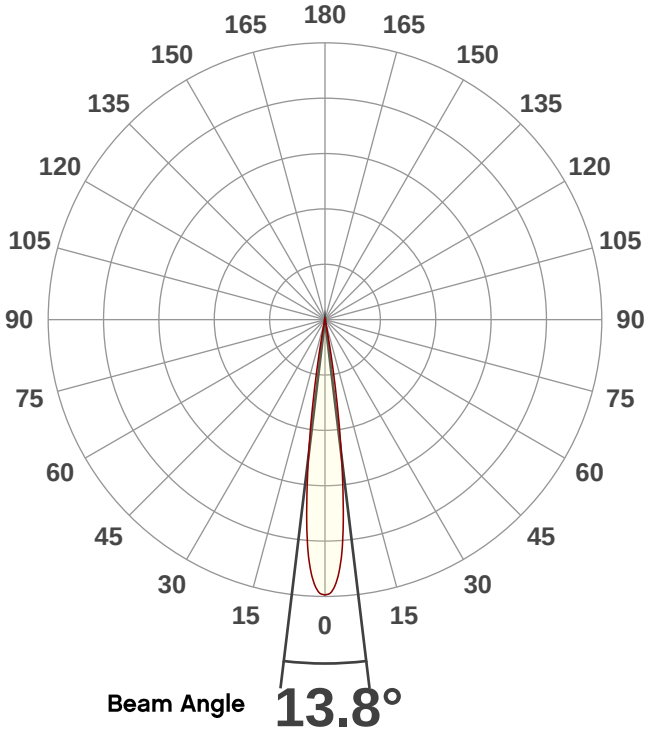
Conditions

AC Supply: 119 V, 60 Hz
Power: 373.39 W
Current: 3.13 A
Power Factor: 0.98

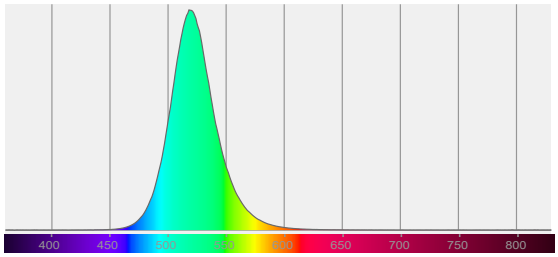
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

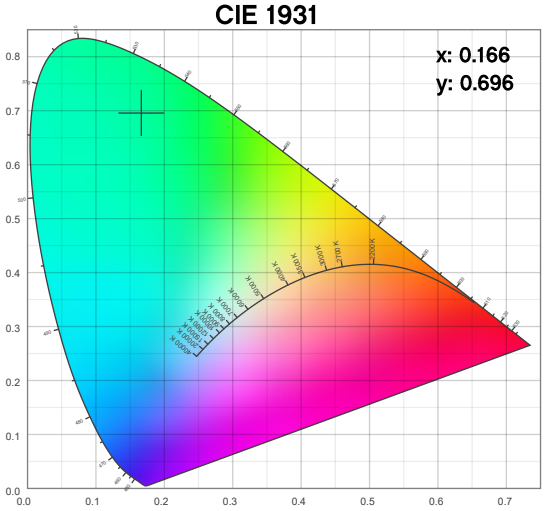
Angular Beam Distribution



Spectral Distribution



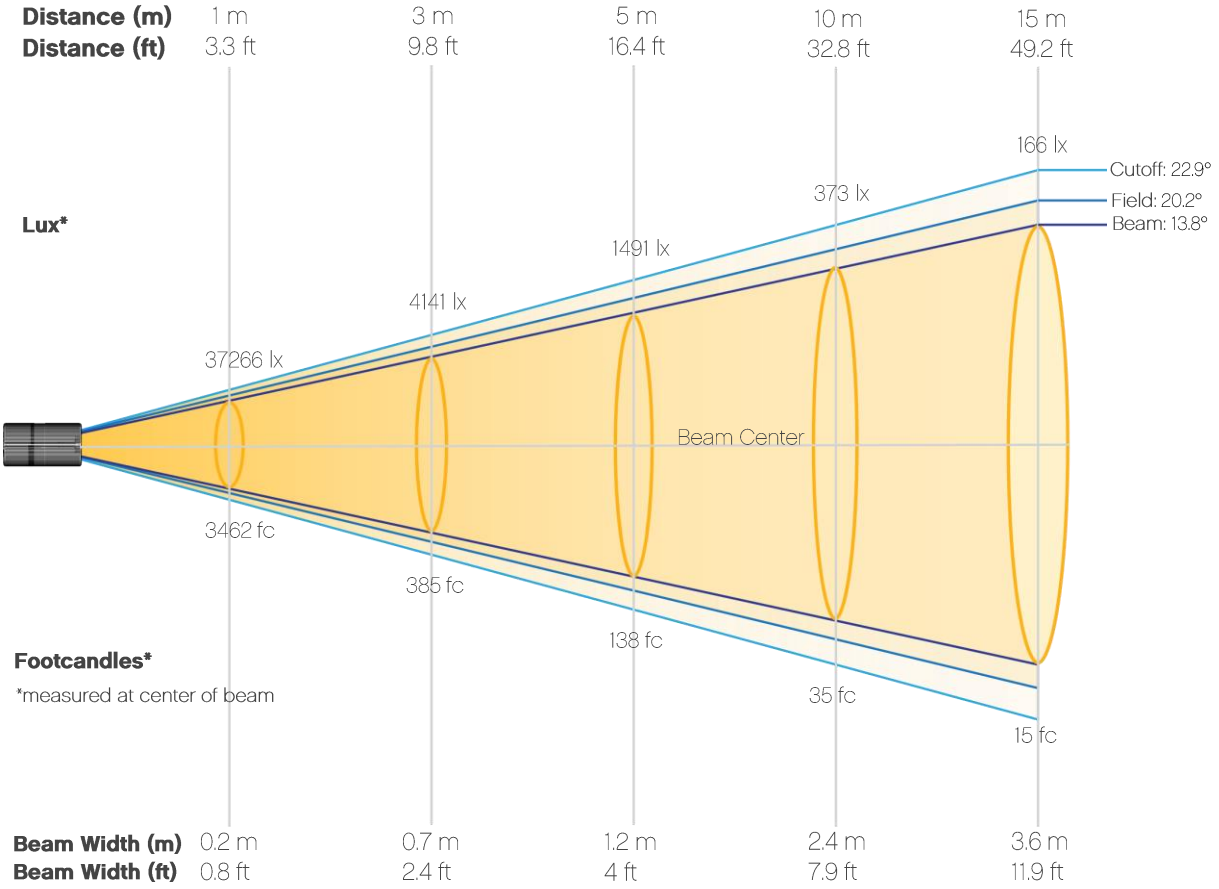
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration Off

Beam Details



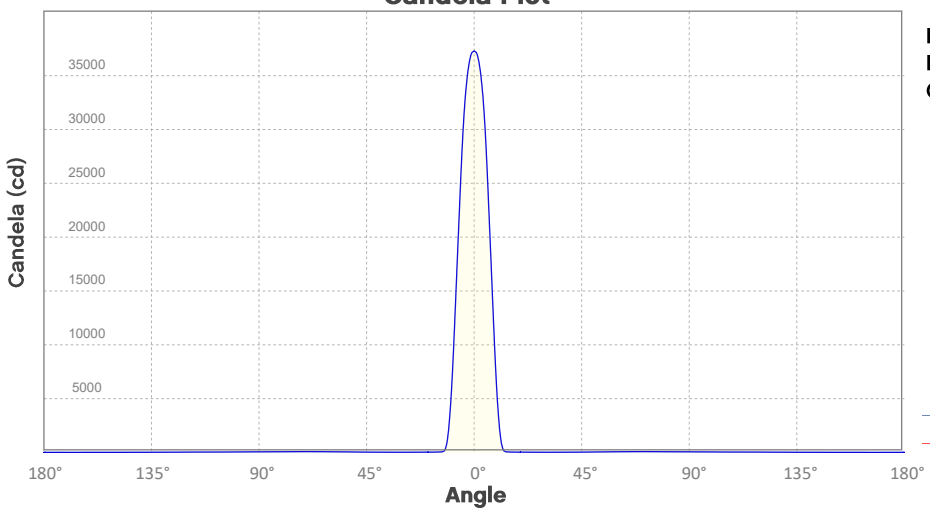
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	37266	9317	4141	2329	1491	1035	761	582	460	373
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	308	259	221	190	166	146	129	115	103	93
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3462	866	385	216	138	96	71	54	43	35
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	29	24	20	18	15	14	12	11	10	9

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration Off

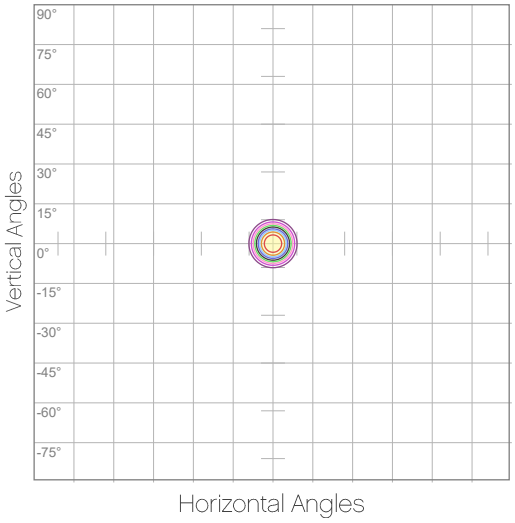
Candela Plot



Beam Angle (50%): 13.8°
Field Angle (10%): 20.2°
Cutoff Angle (3%): 22.9°

Horizontal Distribution
Vertical Distribution

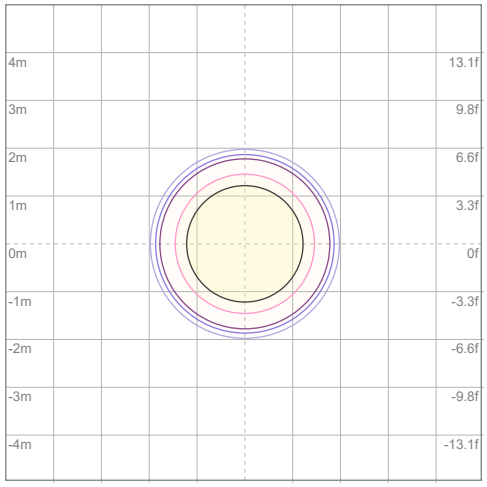
Polar Diagrams



iso-candela Diagram

	10%	3727 cd
	20%	7453 cd
	30%	11180 cd
	40%	14906 cd
	50%	18633 cd
	60%	22360 cd
	70%	26086 cd
	80%	29813 cd
	90%	33539 cd

Conditions:
Number of c-planes: 2
Candela at center: 37266 cd



iso-illuminance Diagram

	3%	11.2 lx
	5%	18.6 lx
	10%	37.3 lx
	30%	112 lx
	50%	186 lx

Conditions:
Number of c-planes: 2
Lux at center: 373 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 16: 50% Zoom - Blue Only - Calibration On

Report Summary

Output

Total Lumens: 794 lm
Peak Intensity: 11294 cd
Illuminance @ 5m: 452 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 13.4°
Vertical Beam Angle (50%): 13.4°
Horizontal Field Angle (10%): 19.8°
Vertical Field Angle (10%): 19.8°
Horizontal Cutoff Angle (3%): 22.3°
Vertical Cutoff Angle (3%): 22.3°

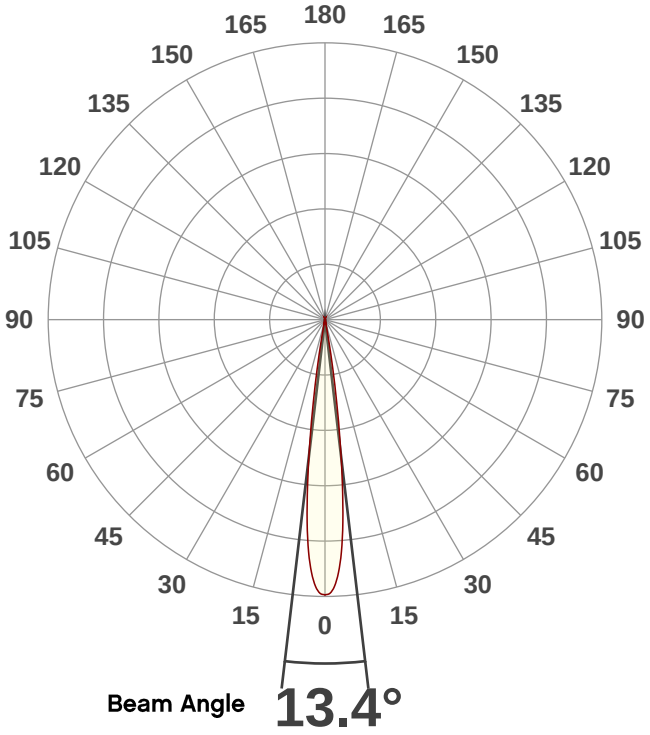
Conditions

AC Supply: 119 V, 60 Hz
Power: 340.52 W
Current: 2.85 A
Power Factor: 0.98

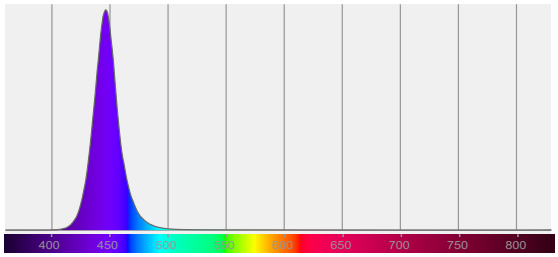
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

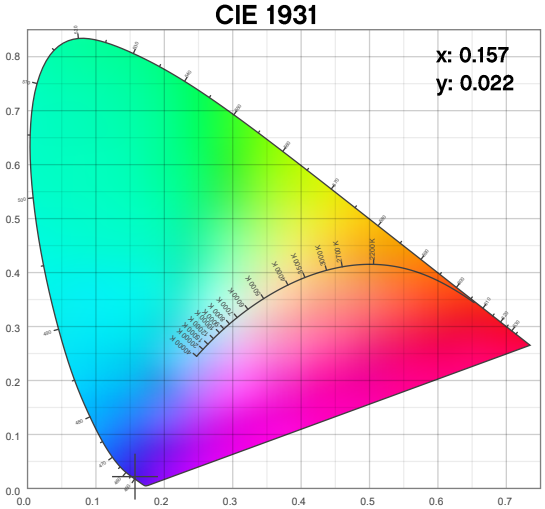
Angular Beam Distribution



Spectral Distribution



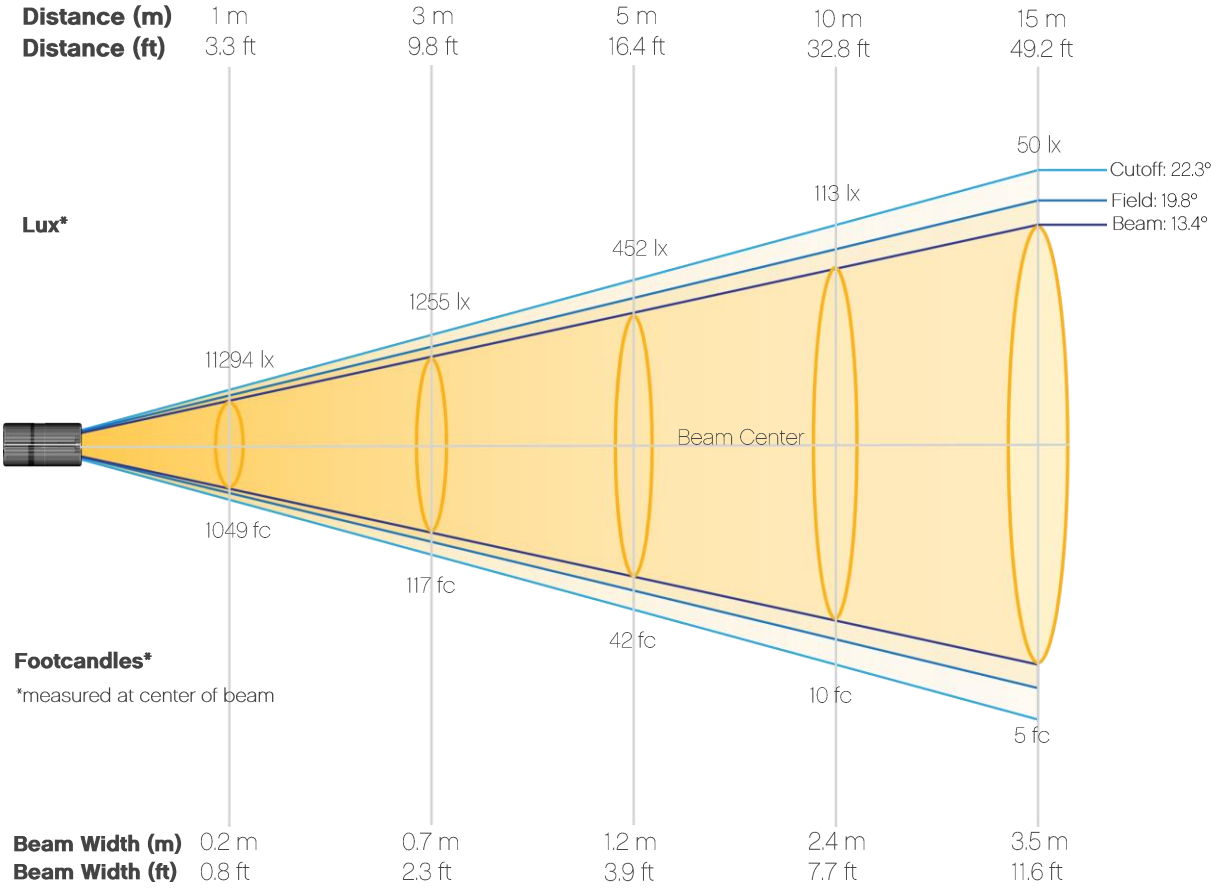
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration On

Beam Details



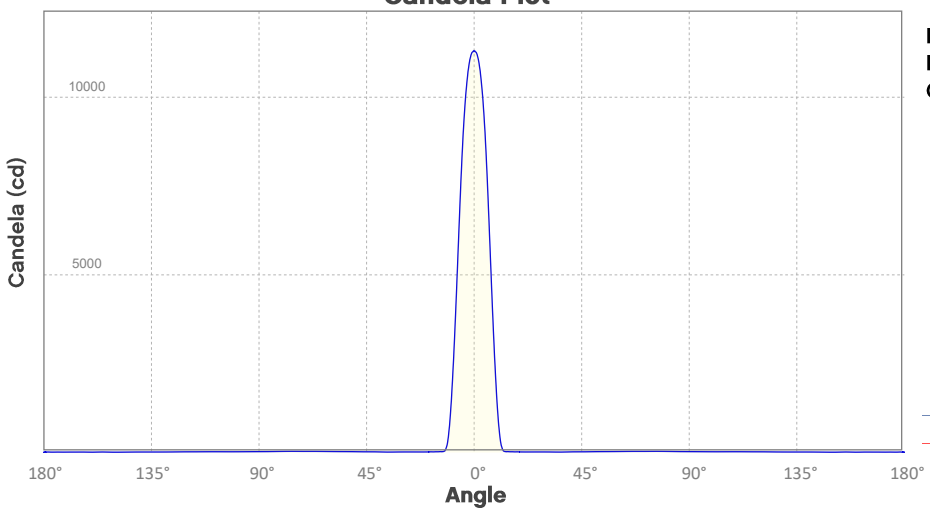
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11294	2823	1255	706	452	314	230	176	139	113
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	93	78	67	58	50	44	39	35	31	28
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1049	262	117	66	42	29	21	16	13	10
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	7	6	5	5	4	4	3	3	3

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration On

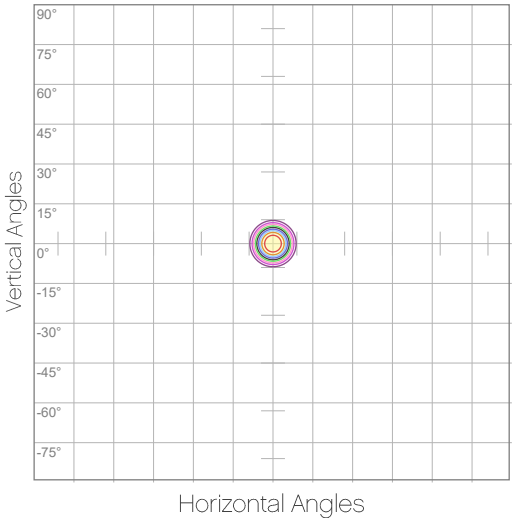
Candela Plot



Beam Angle (50%): 13.4°
Field Angle (10%): 19.8°
Cutoff Angle (3%): 22.3°

Horizontal Distribution
Vertical Distribution

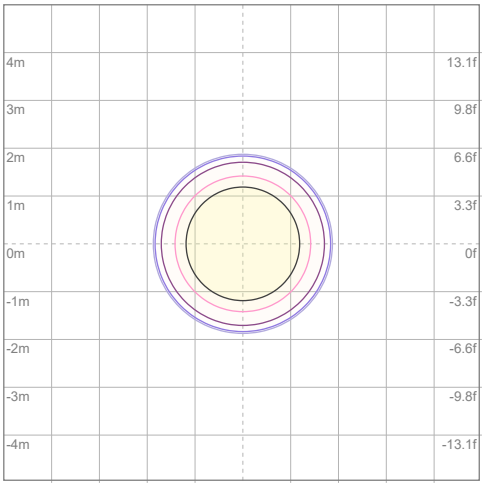
Polar Diagrams



iso-candela Diagram

10%	1129 cd
20%	2259 cd
30%	3388 cd
40%	4517 cd
50%	5647 cd
60%	6776 cd
70%	7906 cd
80%	9035 cd
90%	10164 cd

Conditions:
Number of c-planes: 2
Candela at center: 11294 cd



iso-illuminance Diagram

3%	3.39 lx
5%	5.65 lx
10%	11.3 lx
30%	33.9 lx
50%	56.5 lx

Conditions:
Number of c-planes: 2
Lux at center: 113 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 16: 50% Zoom - Blue Only - Calibration Off

Report Summary

Output

Total Lumens: 781 lm
Peak Intensity: 11325 cd
Illuminance @ 5m: 453 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 13.4°
Vertical Beam Angle (50%): 13.4°
Horizontal Field Angle (10%): 19.7°
Vertical Field Angle (10%): 19.7°
Horizontal Cutoff Angle (3%): 22.2°
Vertical Cutoff Angle (3%): 22.2°

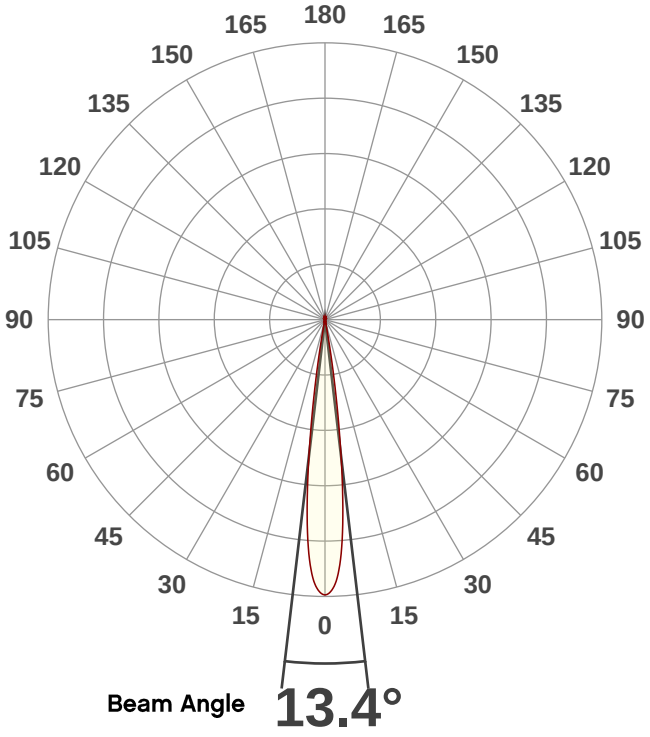
Conditions

AC Supply: 119 V, 60.1 Hz
Power: 340.56 W
Current: 2.85 A
Power Factor: 0.98

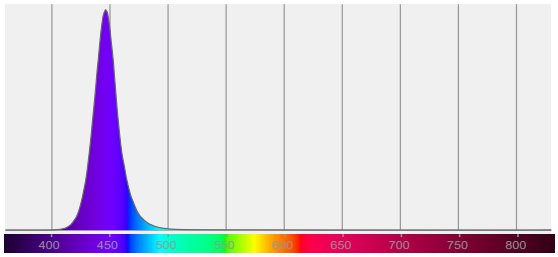
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

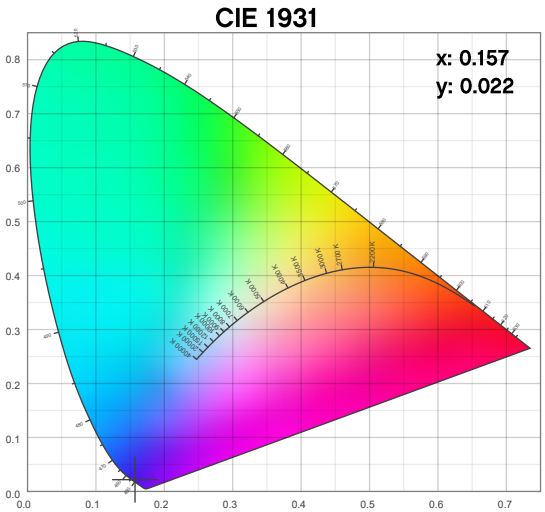
Angular Beam Distribution



Spectral Distribution



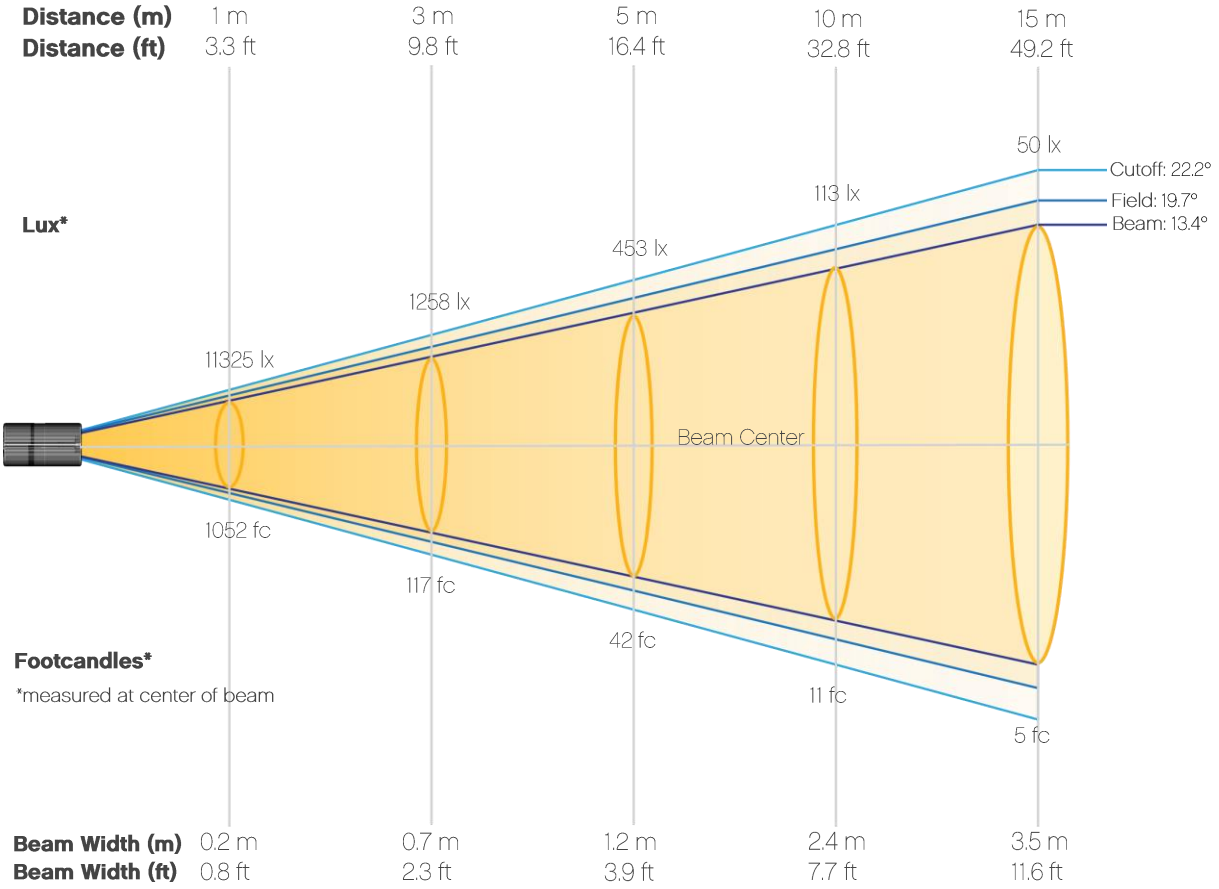
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration Off

Beam Details



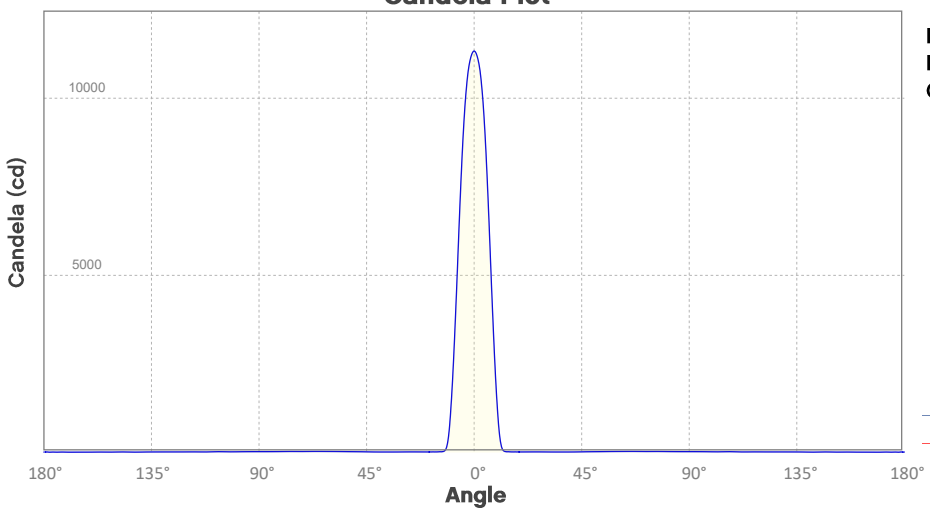
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11325	2831	1258	708	453	315	231	177	140	113
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	94	79	67	58	50	44	39	35	31	28
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1052	263	117	66	42	29	21	16	13	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	7	6	5	5	4	4	3	3	3

Photometric Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration Off

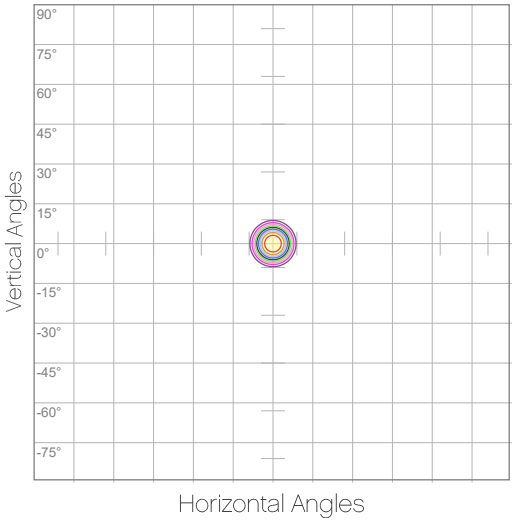
Candela Plot



Beam Angle (50%): 13.4°
Field Angle (10%): 19.7°
Cutoff Angle (3%): 22.2°

Horizontal Distribution
Vertical Distribution

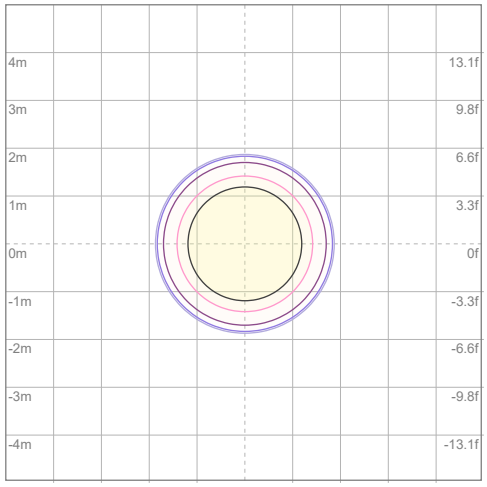
Polar Diagrams



iso-candela Diagram

10%	1133 cd
20%	2265 cd
30%	3398 cd
40%	4530 cd
50%	5663 cd
60%	6795 cd
70%	7928 cd
80%	9060 cd
90%	10193 cd

Conditions:
Number of c-planes: 2
Candela at center: 11325 cd



iso-illuminance Diagram

3%	3.40 lx
5%	5.66 lx
10%	11.3 lx
30%	34.0 lx
50%	56.6 lx

Conditions:
Number of c-planes: 2
Lux at center: 113 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 16: 50% Zoom - White Only - Calibration On

Report Summary

Output

Total Lumens: 3627 lm
Peak Intensity: 55195 cd
Illuminance @ 5m: 2208 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 20.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 23°
Vertical Cutoff Angle (3%): 23°

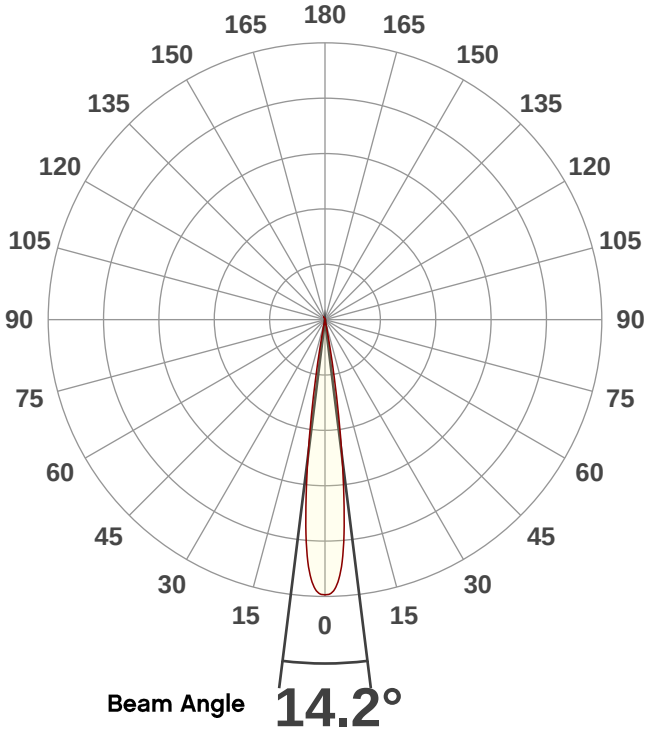
Conditions

AC Supply: 119 V, 60 Hz
Power: 341.25 W
Current: 2.86 A
Power Factor: 0.98

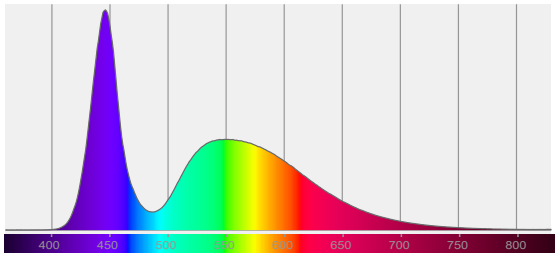
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

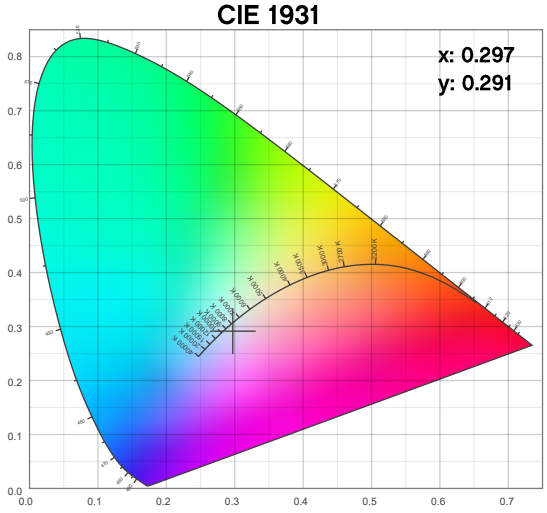
Angular Beam Distribution



Spectral Distribution



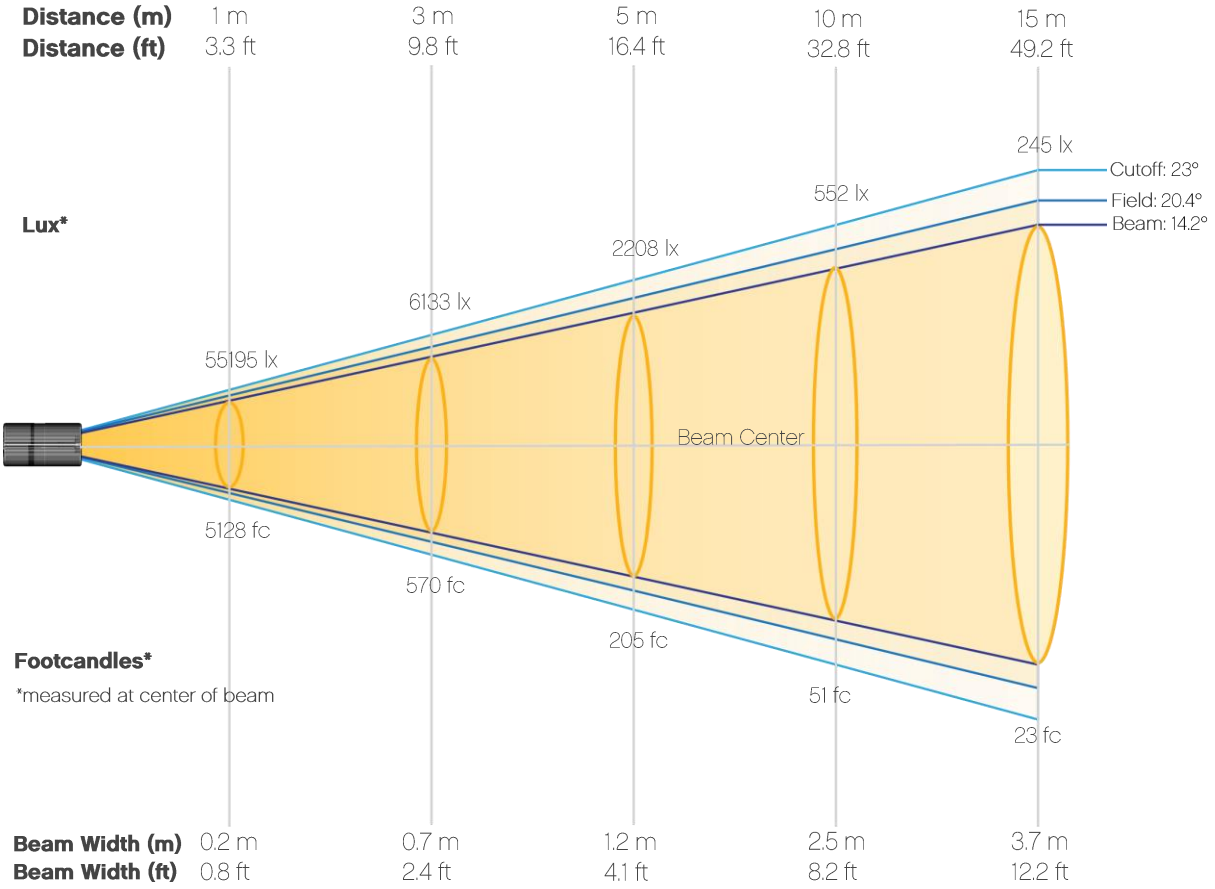
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - White Only - Calibration On

Beam Details



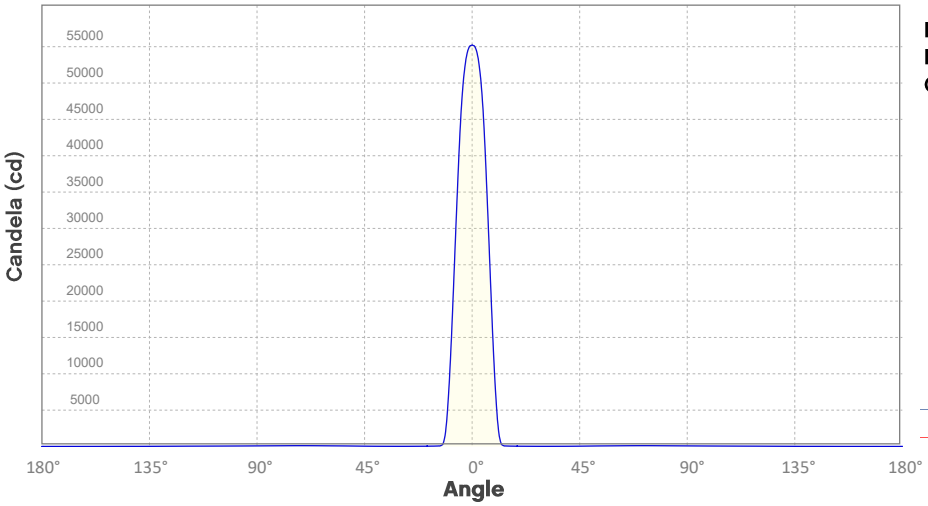
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	55195	13799	6133	3450	2208	1533	1126	862	681	552
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	456	383	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	5128	1282	570	320	205	142	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 16: 50% Zoom - White Only - Calibration On

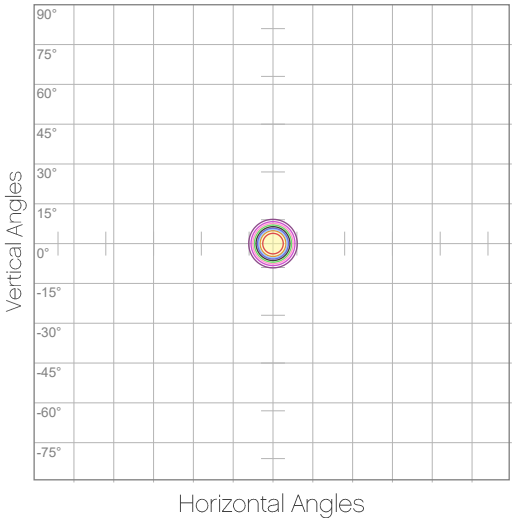
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 23°

Horizontal Distribution
Vertical Distribution

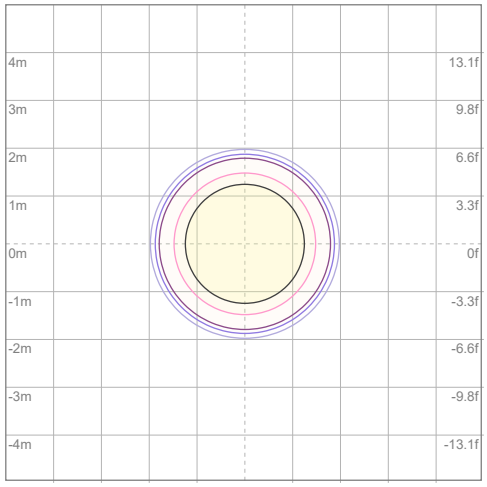
Polar Diagrams



iso-candela Diagram

	10%	5520 cd
	20%	11039 cd
	30%	16559 cd
	40%	22078 cd
	50%	27598 cd
	60%	33117 cd
	70%	38637 cd
	80%	44156 cd
	90%	49676 cd

Conditions:
Number of c-planes: 2
Candela at center: 55195 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: 2
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 16: 50% Zoom - White Only - Calibration Off

Report Summary

Output

Total Lumens: 3664 lm
Peak Intensity: 55144 cd
Illuminance @ 5m: 2206 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 14.2°
Vertical Beam Angle (50%): 14.2°
Horizontal Field Angle (10%): 20.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 23°
Vertical Cutoff Angle (3%): 23°

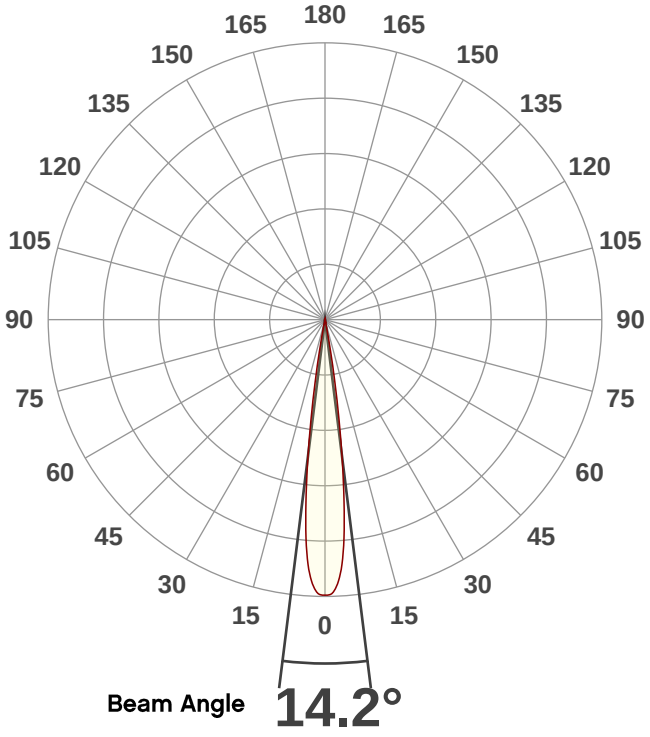
Conditions

AC Supply: 120 V, 60 Hz
Power: 340.1 W
Current: 2.85 A
Power Factor: 0.98

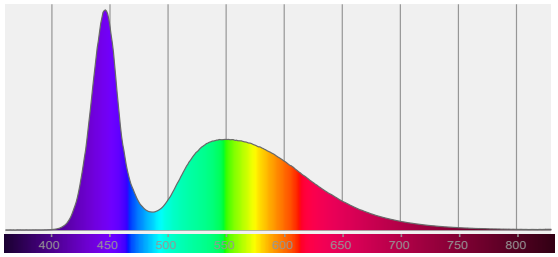
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/20/2021 to LM-63-2002 Standards.

Overall Measurement

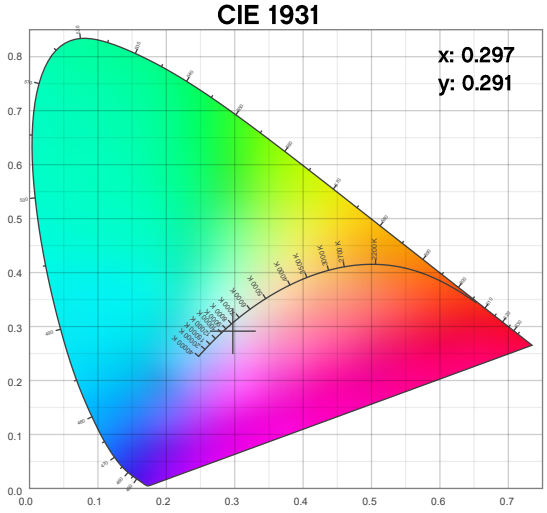
Angular Beam Distribution



Spectral Distribution



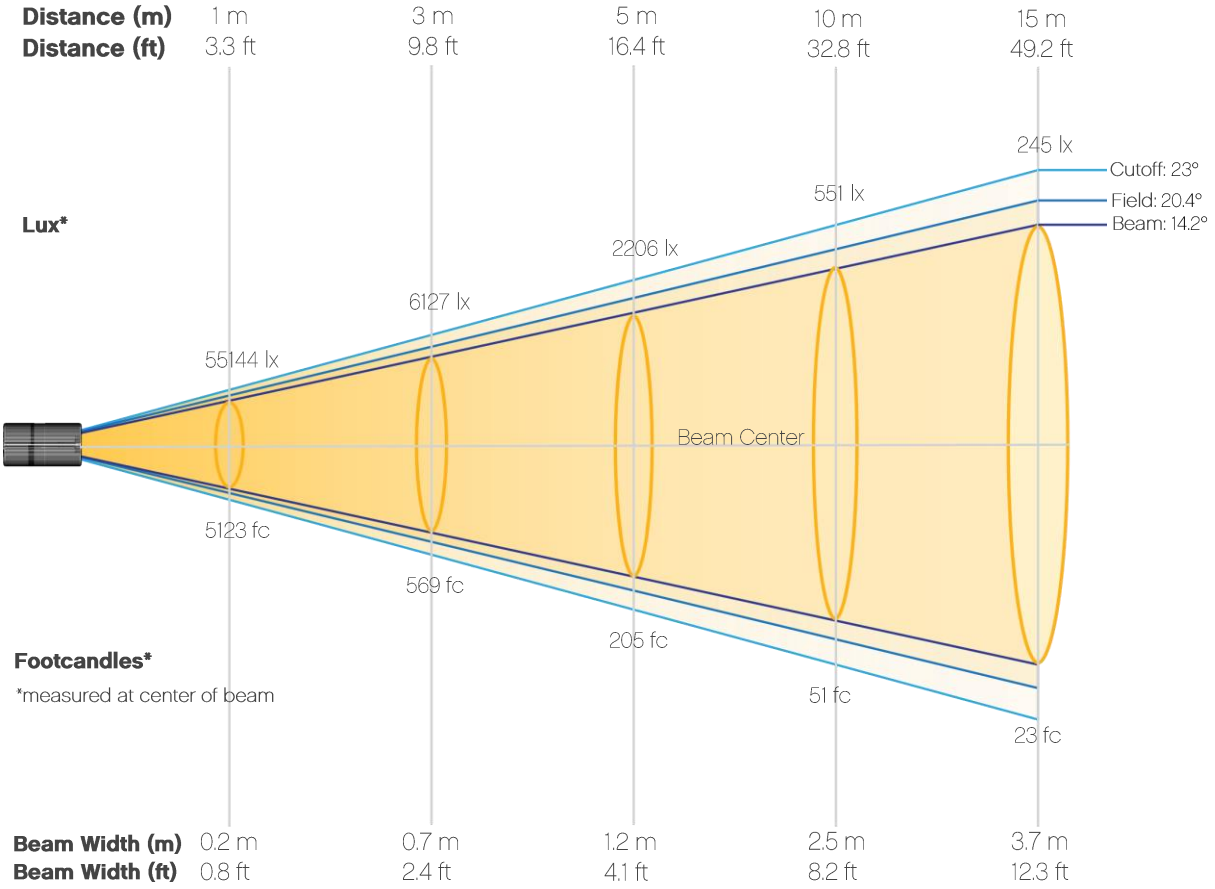
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - White Only - Calibration Off

Beam Details



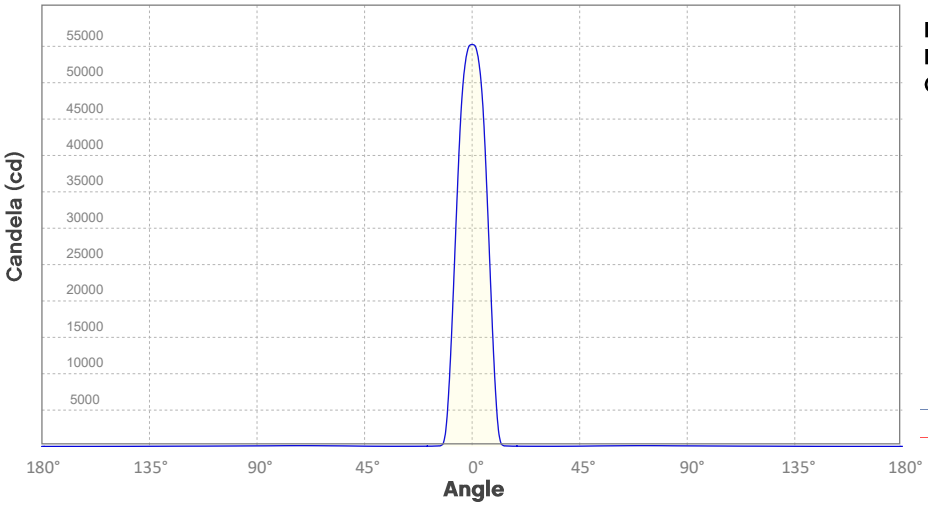
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	55144	13786	6127	3447	2206	1532	1125	862	681	551
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	456	383	326	281	245	215	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	5123	1281	569	320	205	142	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 16: 50% Zoom - White Only - Calibration Off

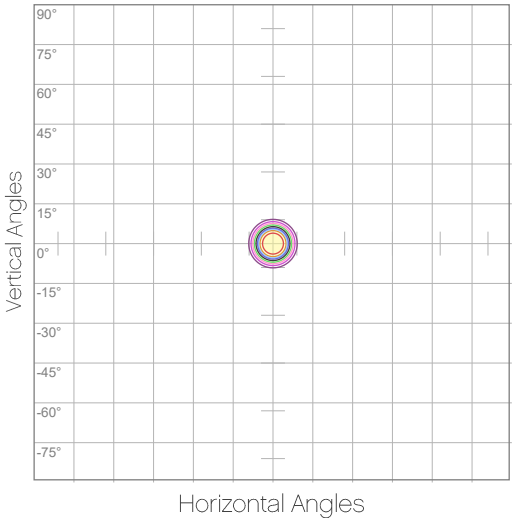
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 23°

Horizontal Distribution
Vertical Distribution

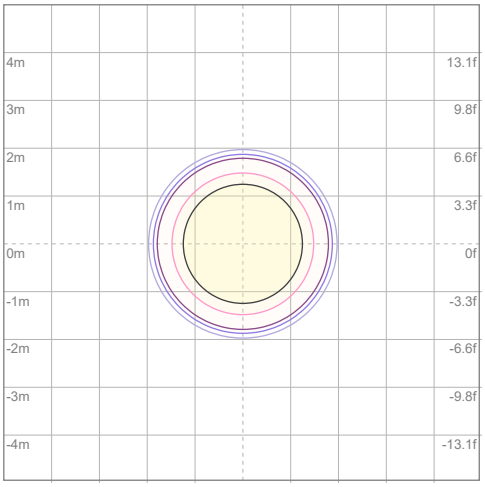
Polar Diagrams



iso-candela Diagram

10%	5514 cd
20%	11029 cd
30%	16543 cd
40%	22058 cd
50%	27572 cd
60%	33087 cd
70%	38601 cd
80%	44115 cd
90%	49630 cd

Conditions:
Number of c-planes: 2
Candela at center: 55144 cd



iso-illuminance Diagram

3%	16.5 lx
5%	27.6 lx
10%	55.1 lx
30%	165 lx
50%	276 lx

Conditions:
Number of c-planes: 2
Lux at center: 551 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 16: 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°

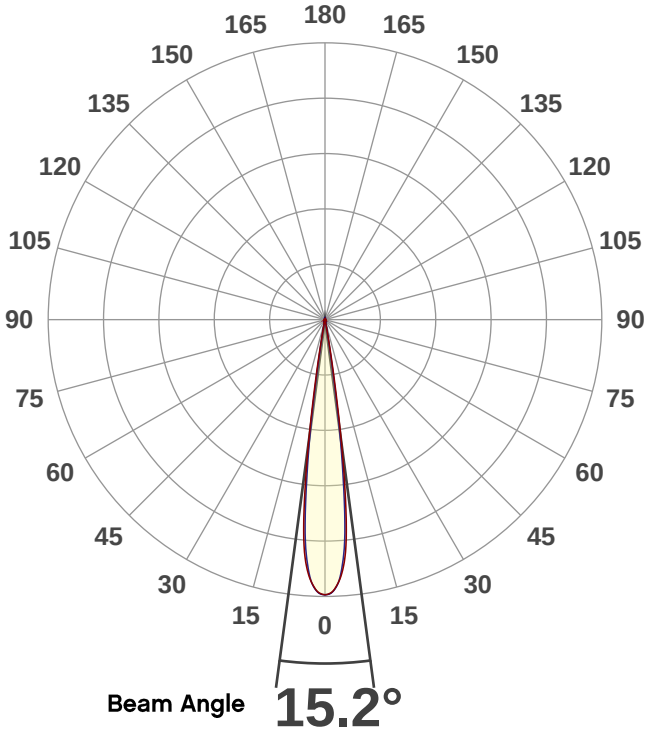
Conditions

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

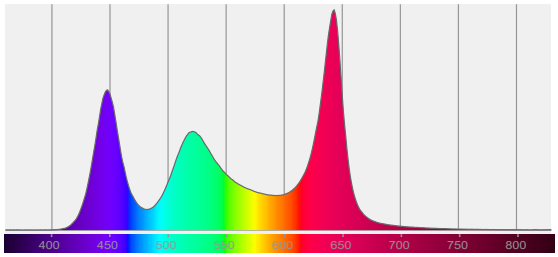
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/22/2021 to LM-63-2002 Standards.

Overall Measurement

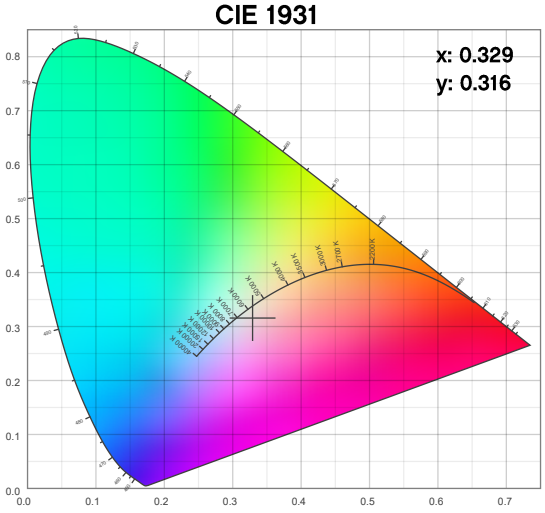
Angular Beam Distribution



Spectral Distribution



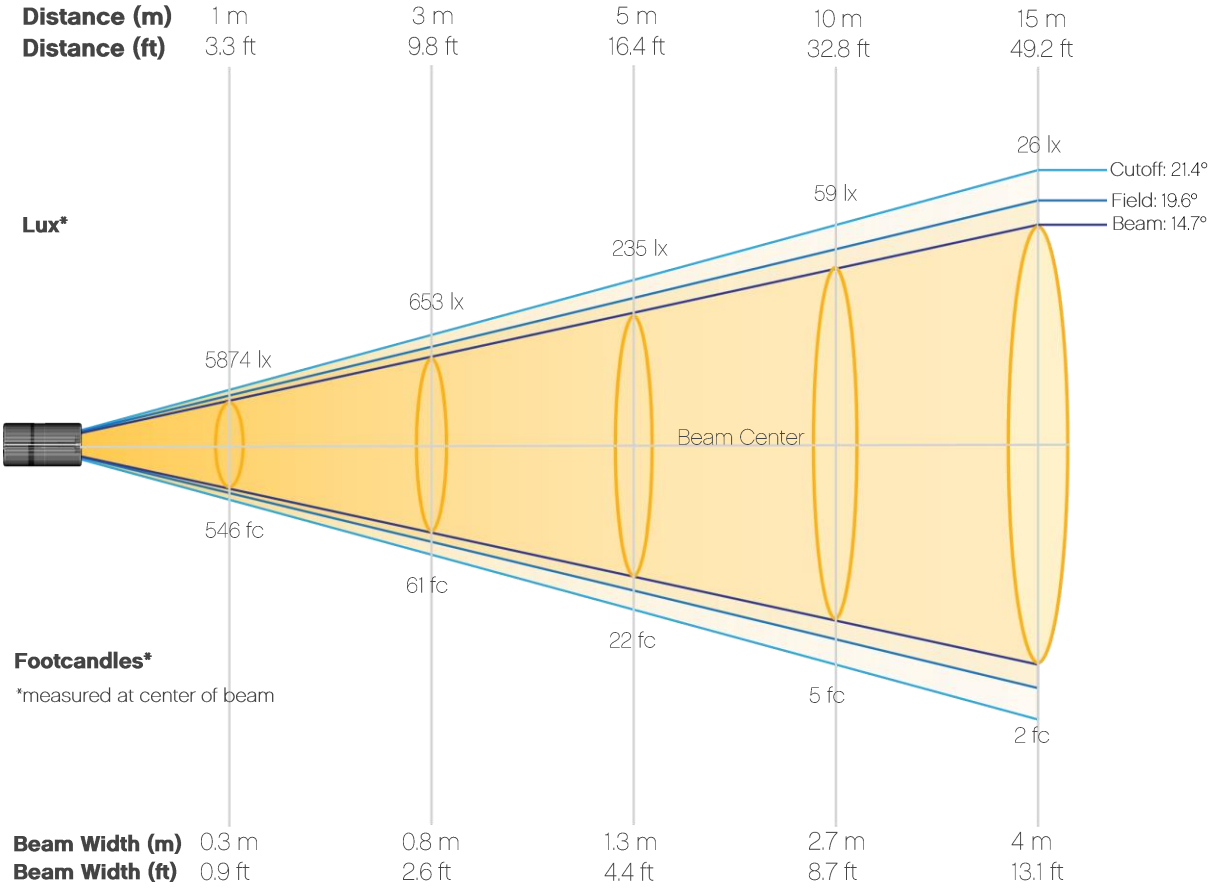
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration On

Beam Details



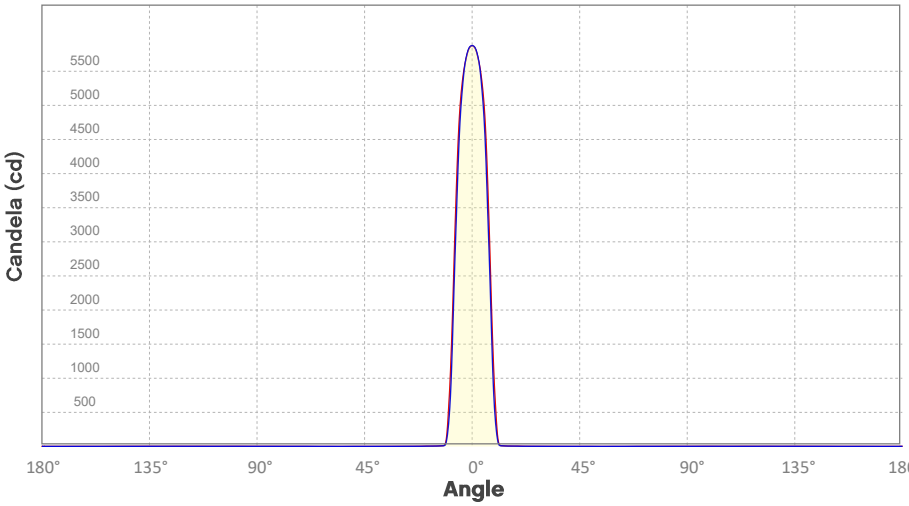
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	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 16: 50% Zoom - Single Pixel - RGBW - Calibration On

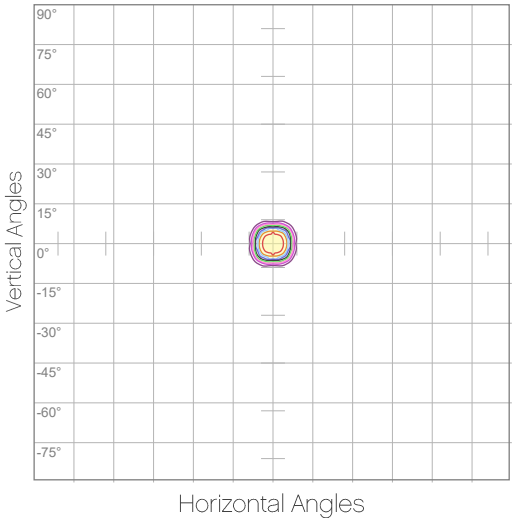
Candela Plot



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

Horizontal Distribution
Vertical Distribution

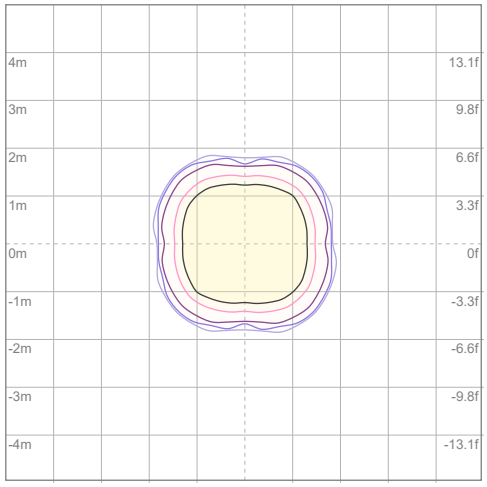
Polar Diagrams



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 16: 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°

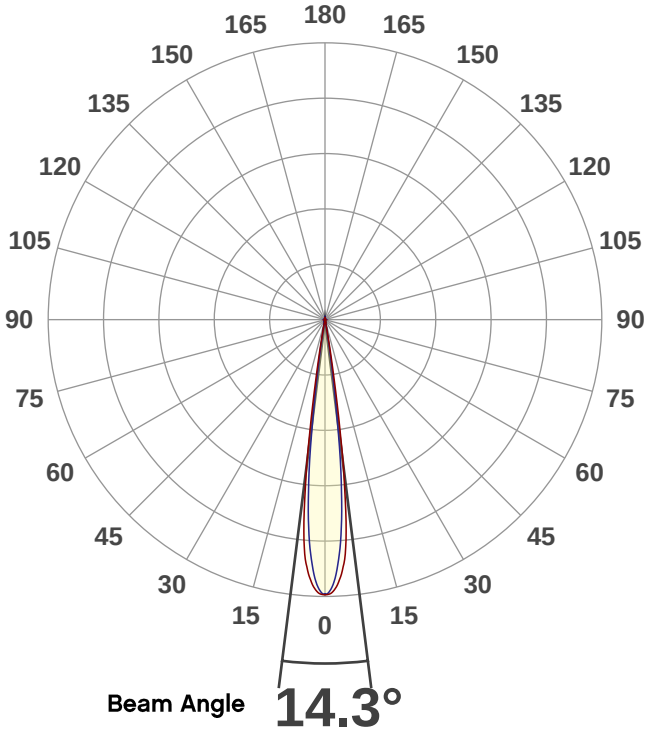
Conditions

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

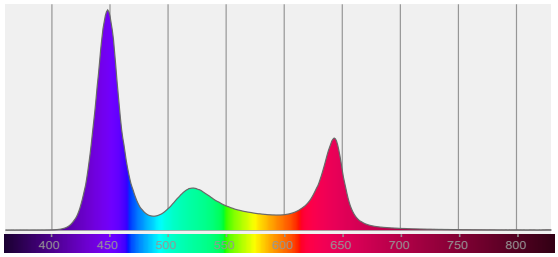
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

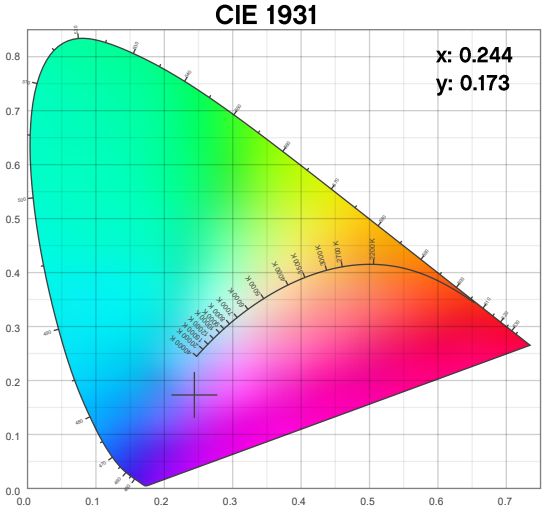
Angular Beam Distribution



Spectral Distribution



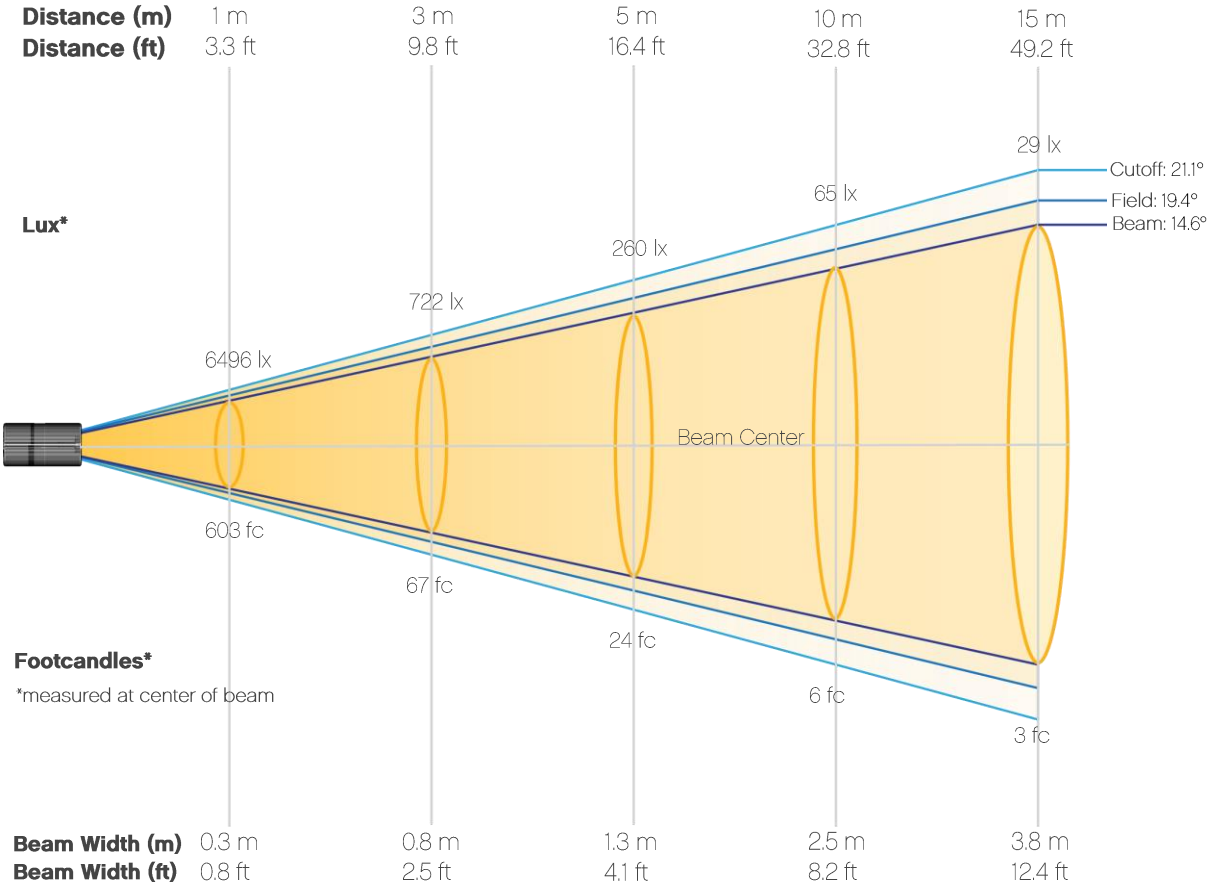
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration Off

Beam Details



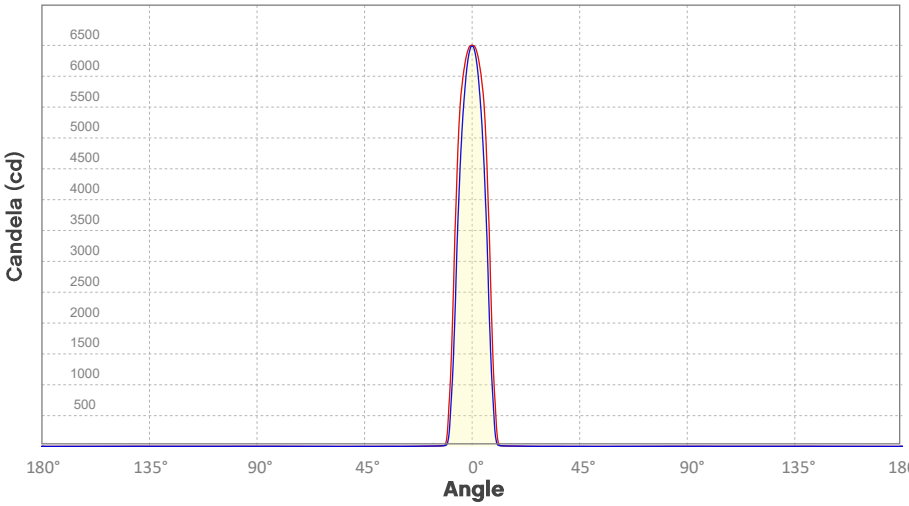
Beam Iluminances from 1-20m (3.3-65.6ft)

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 16: 50% Zoom - Single Pixel - RGBW - Calibration Off

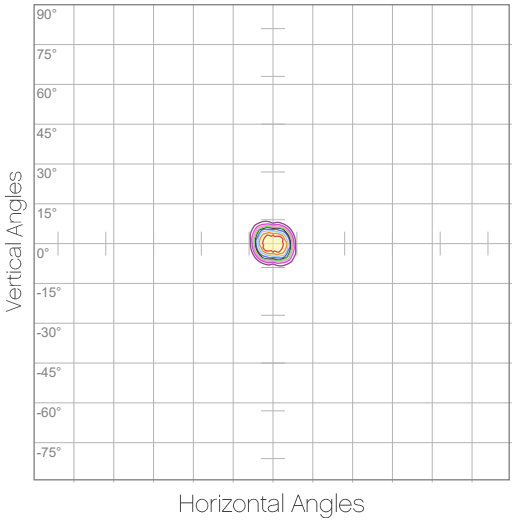
Candela Plot



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

Horizontal Distribution
Vertical Distribution

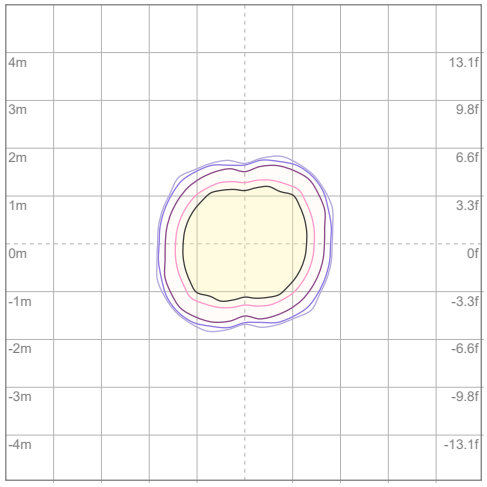
Polar Diagrams



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 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

Report Summary

Output

Total Lumens: 79.9 lm
Peak Intensity: 1302 cd
Illuminance @ 5m: 52 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 14.5°
Vertical Beam Angle (50%): 12.7°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 17.9°
Horizontal Cutoff Angle (3%): 21.3°
Vertical Cutoff Angle (3%): 20°

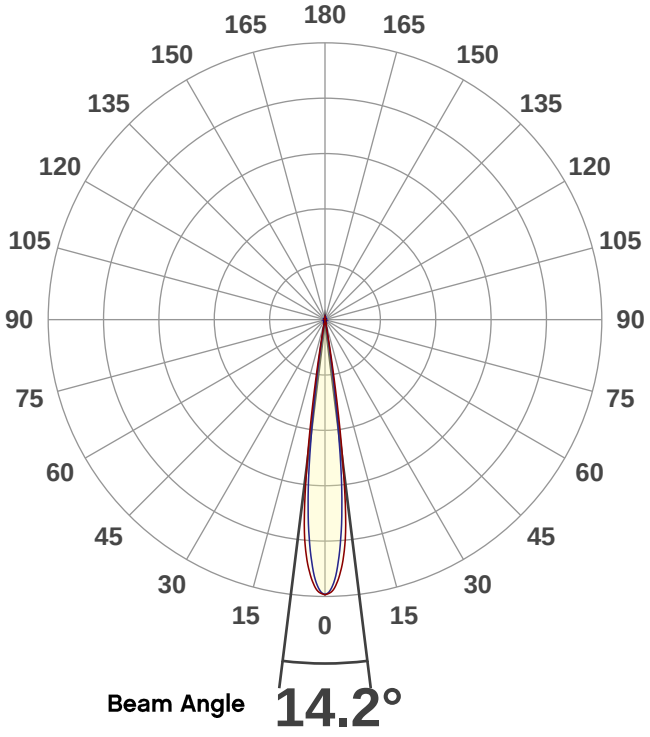
Conditions

AC Supply: 121 V, 60 Hz
Power: 62.21 W
Current: 0.515 A
Power Factor: 0.96

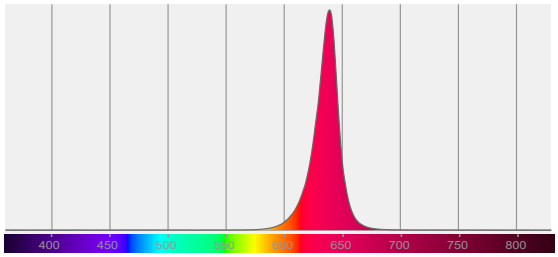
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

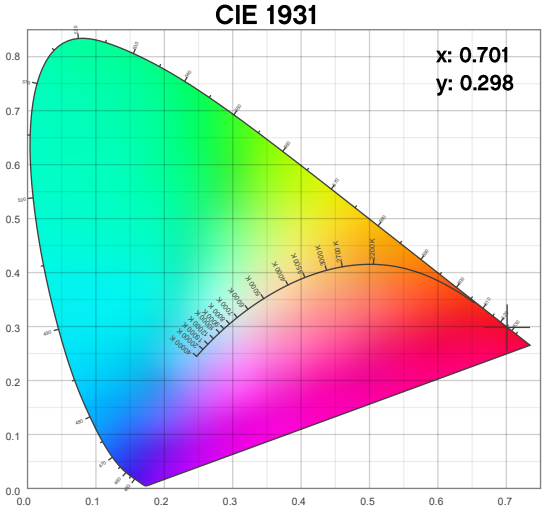
Angular Beam Distribution



Spectral Distribution



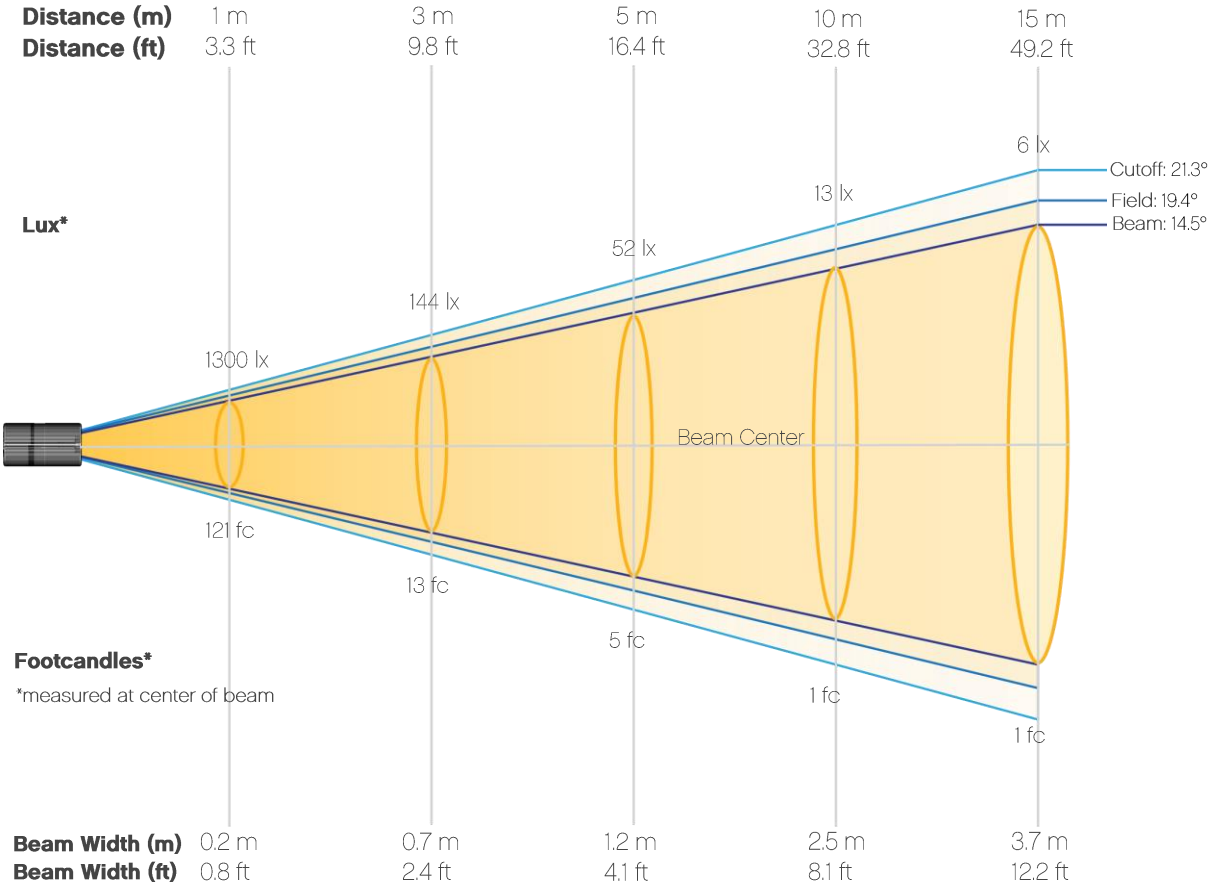
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

Beam Details



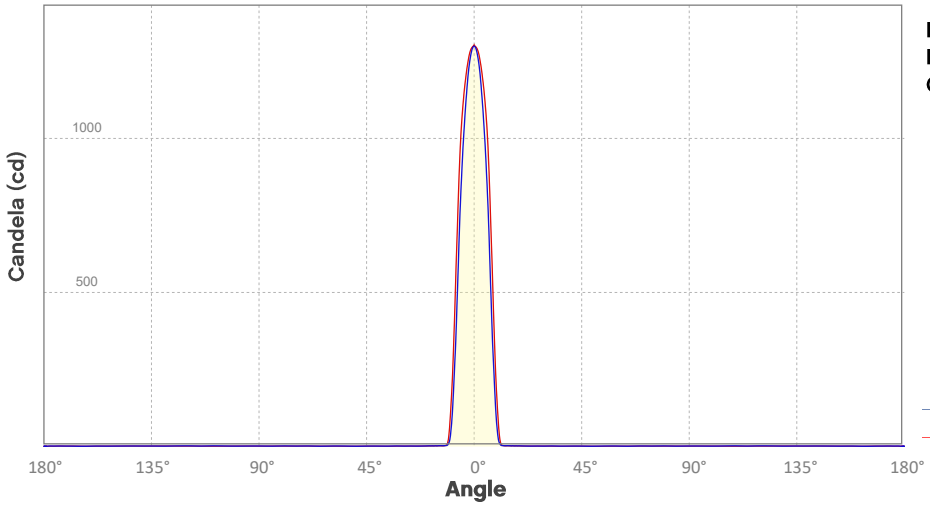
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1300	325	144	81	52	36	27	20	16	13
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	11	9	8	7	6	5	4	4	4	3
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	121	30	13	8	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 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

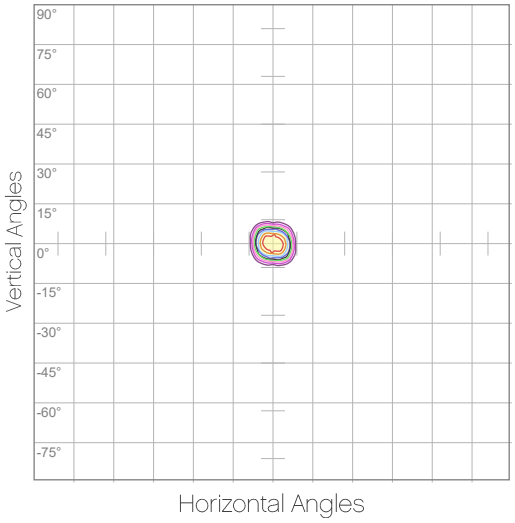
Candela Plot



Beam Angle (50%): 14.2°
Field Angle (10%): 19.7°
Cutoff Angle (3%): 21.8°

Horizontal Distribution
Vertical Distribution

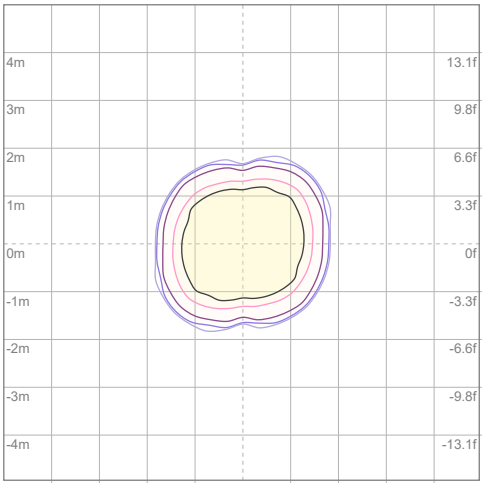
Polar Diagrams



iso-candela Diagram

10%	130 cd
20%	260 cd
30%	390 cd
40%	520 cd
50%	650 cd
60%	780 cd
70%	910 cd
80%	1040 cd
90%	1170 cd

Conditions:
Number of c-planes: 8
Candela at center: 1300 cd



iso-illuminance Diagram

3%	0.390 lx
5%	0.650 lx
10%	1.30 lx
30%	3.90 lx
50%	6.50 lx

Conditions:
Number of c-planes: 8
Lux at center: 13.0 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 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

Report Summary

Output

Total Lumens: 120 lm
Peak Intensity: 2121 cd
Illuminance @ 5m: 85 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 14.4°
Vertical Beam Angle (50%): 12.3°
Horizontal Field Angle (10%): 19.1°
Vertical Field Angle (10%): 17.5°
Horizontal Cutoff Angle (3%): 21°
Vertical Cutoff Angle (3%): 19.6°

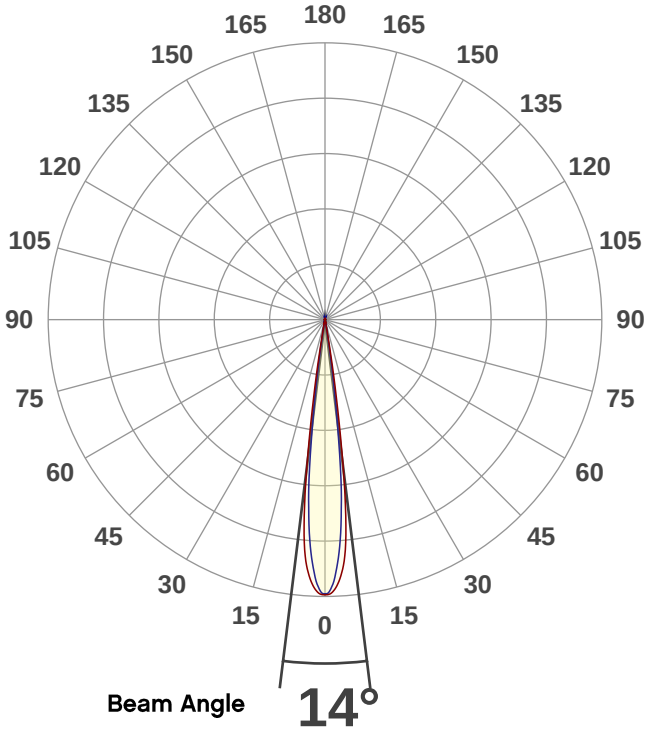
Conditions

AC Supply: 122 V, 60 Hz
Power: 66.57 W
Current: 0.547 A
Power Factor: 0.96

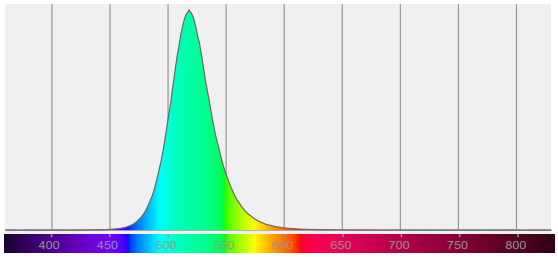
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

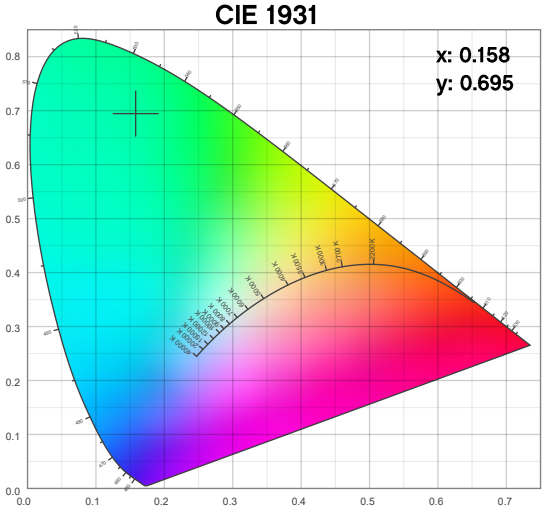
Angular Beam Distribution



Spectral Distribution



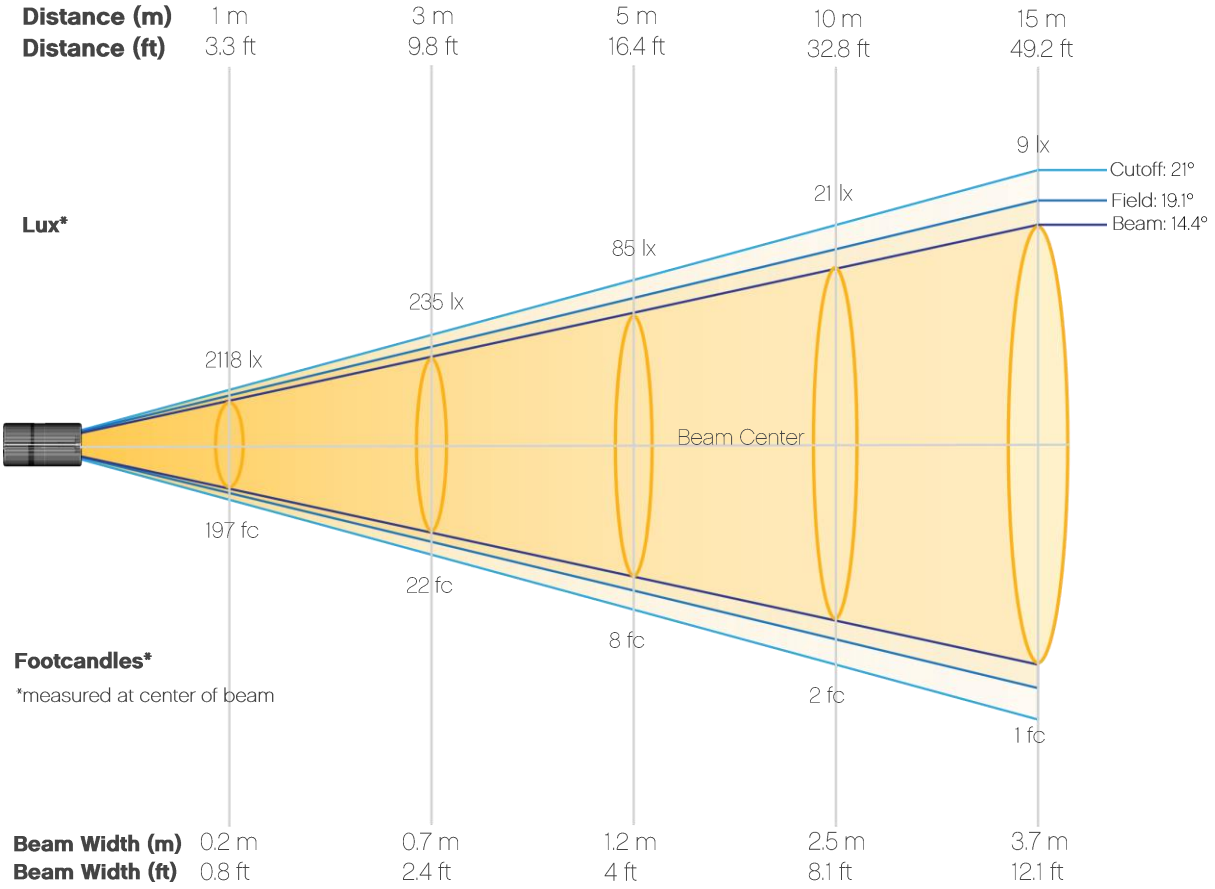
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

Beam Details



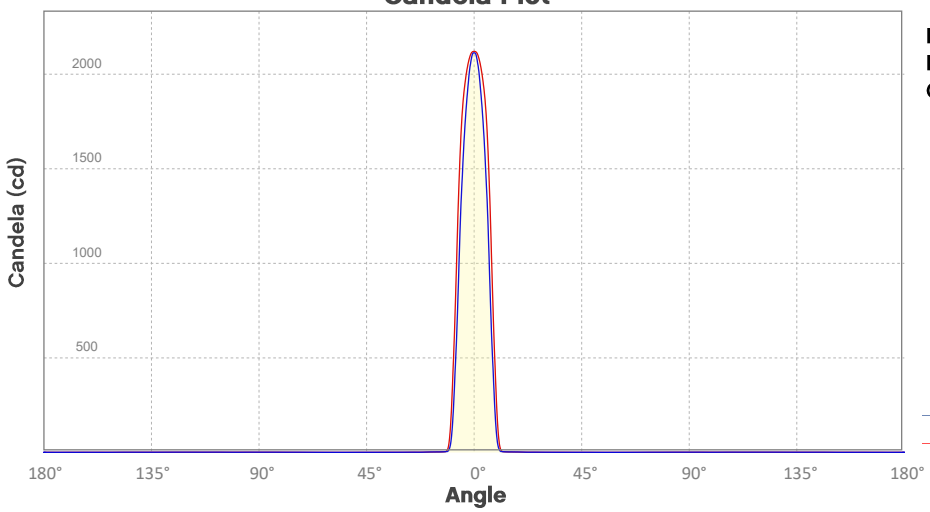
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2118	530	235	132	85	59	43	33	26	21
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	18	15	13	11	9	8	7	7	6	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	197	49	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 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

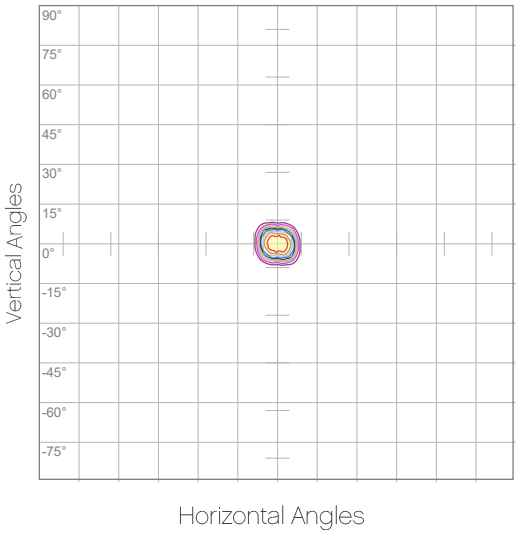
Candela Plot



Beam Angle (50%): 14°
Field Angle (10%): 19.4°
Cutoff Angle (3%): 21.5°

Vertical Distribution
Horizontal Distribution

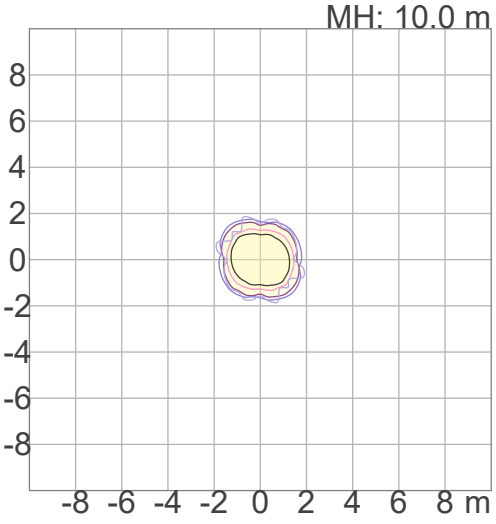
Polar Diagrams



iso-candela Diagram

	10%	212 cd
	20%	424 cd
	30%	635 cd
	40%	847 cd
	50%	1059 cd
	60%	1271 cd
	70%	1483 cd
	80%	1694 cd
	90%	1906 cd

Conditions:
Number of c-planes: 8
Candela at center: 2118 cd



iso-illuminance Diagram

	3%	0.635 lx
	5%	1.06 lx
	10%	2.12 lx
	30%	6.35 lx
	50%	10.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 21.2 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 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

Report Summary

Output

Total Lumens: 50.6 lm
Peak Intensity: 635 cd
Illuminance @ 5m: 25 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 14°
Vertical Beam Angle (50%): 12.2°
Horizontal Field Angle (10%): 18.8°
Vertical Field Angle (10%): 17.4°
Horizontal Cutoff Angle (3%): 20.7°
Vertical Cutoff Angle (3%): 19.3°

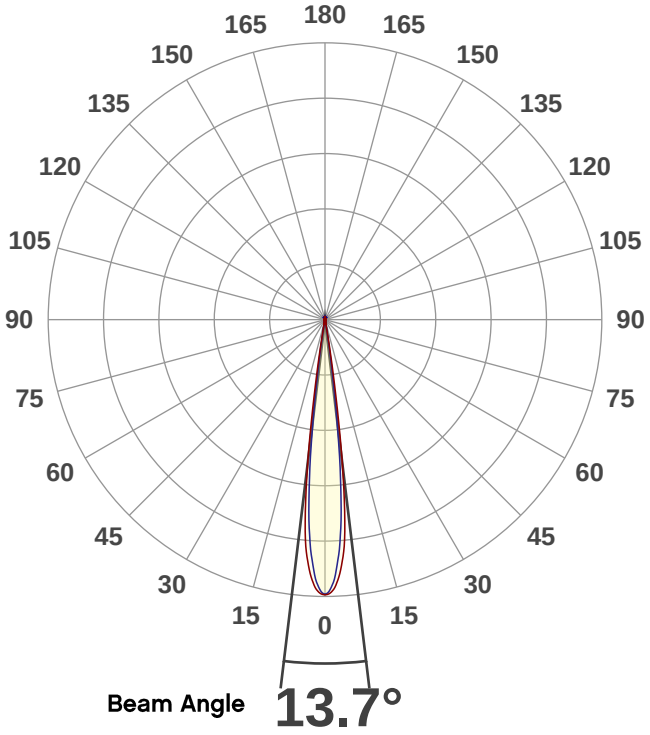
Conditions

AC Supply: 122 V, 60 Hz
Power: 63.79 W
Current: 0.523 A
Power Factor: 0.96

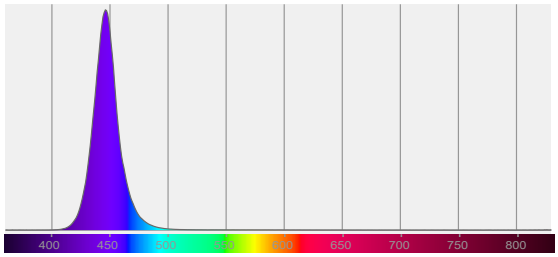
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

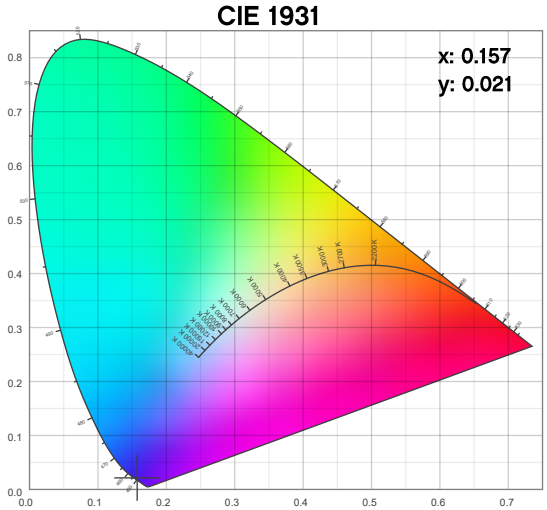
Angular Beam Distribution



Spectral Distribution



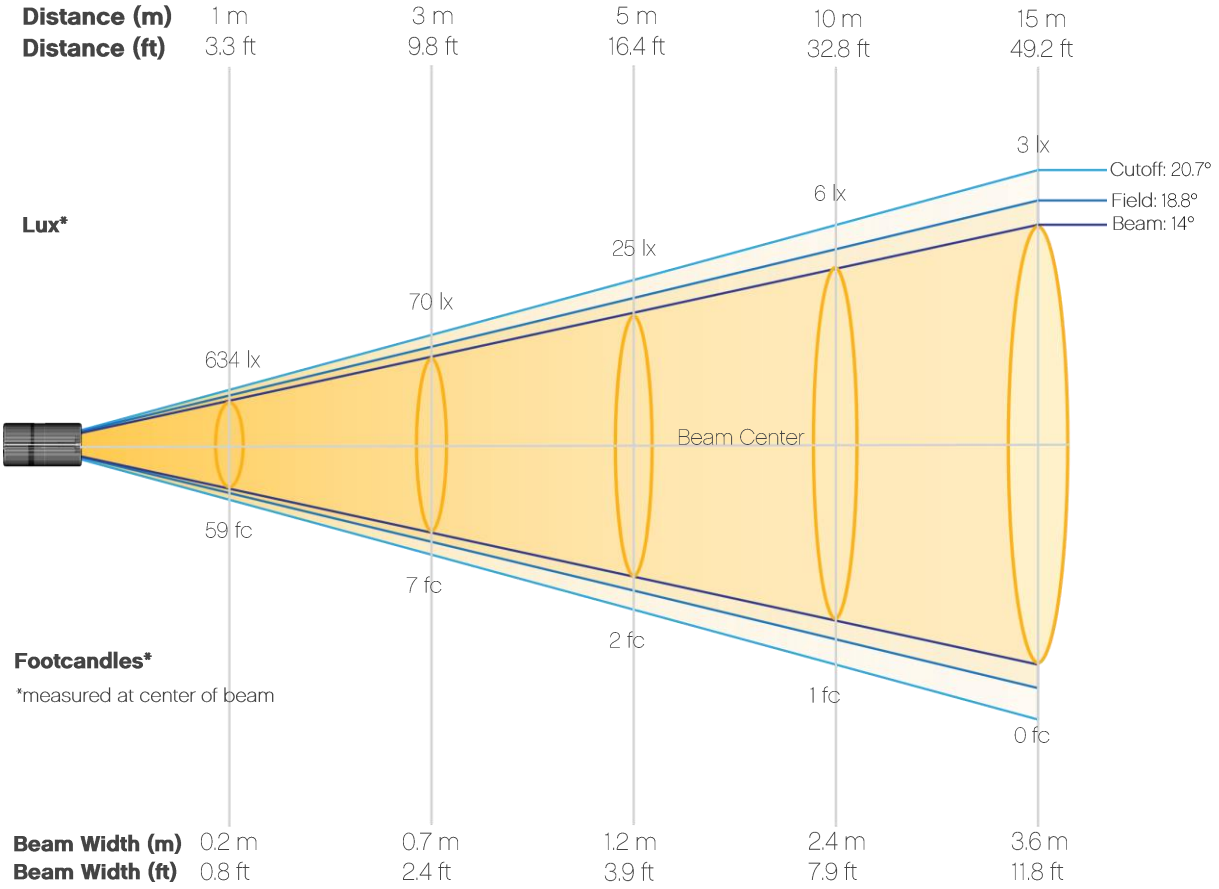
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

Beam Details



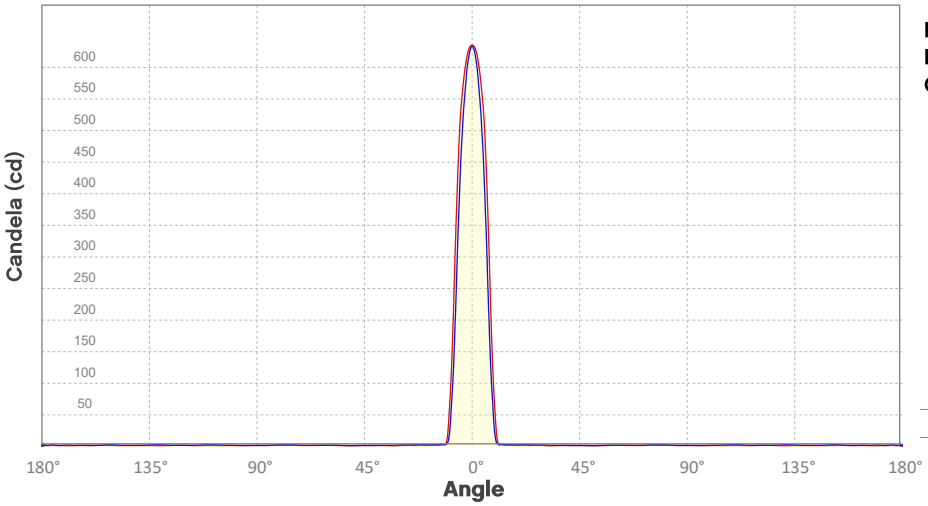
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	634	158	70	40	25	18	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	59	15	7	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 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

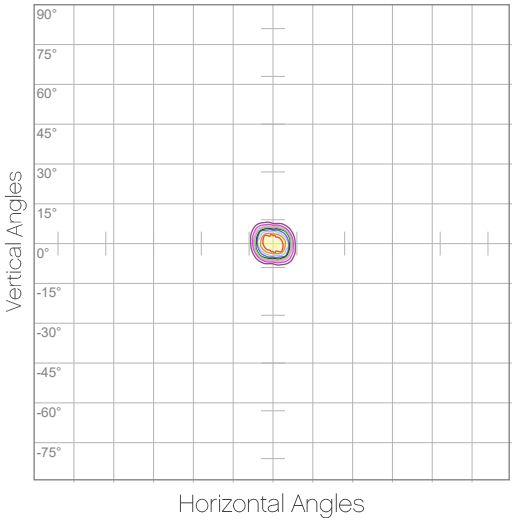
Candela Plot



Beam Angle (50%): 13.7°
Field Angle (10%): 19.2°
Cutoff Angle (3%): 21.2°

Horizontal Distribution
Vertical Distribution

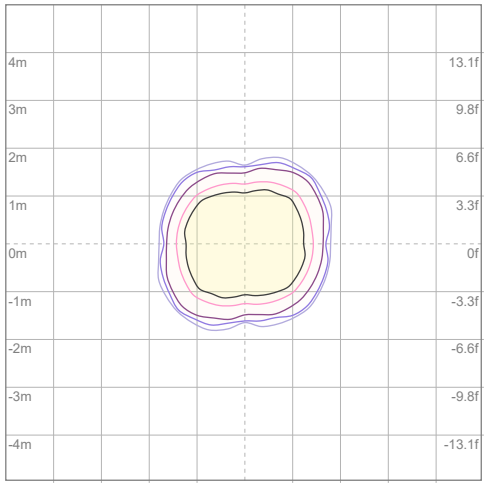
Polar Diagrams



iso-candela Diagram

10%	63 cd
20%	127 cd
30%	190 cd
40%	254 cd
50%	317 cd
60%	380 cd
70%	444 cd
80%	507 cd
90%	570 cd

Conditions:
Number of c-planes: 8
Candela at center: 634 cd



iso-illuminance Diagram

3%	0.190 lx
5%	0.317 lx
10%	0.634 lx
30%	1.90 lx
50%	3.17 lx

Conditions:
Number of c-planes: 8
Lux at center: 6.34 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 16: 50% Zoom - Single Pixel - White Only - Calibration Off

Report Summary

Output

Total Lumens: 178 lm
Peak Intensity: 3108 cd
Illuminance @ 5m: 124 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 14.8°
Vertical Beam Angle (50%): 12.6°
Horizontal Field Angle (10%): 19.4°
Vertical Field Angle (10%): 17.7°
Horizontal Cutoff Angle (3%): 21.2°
Vertical Cutoff Angle (3%): 19.7°

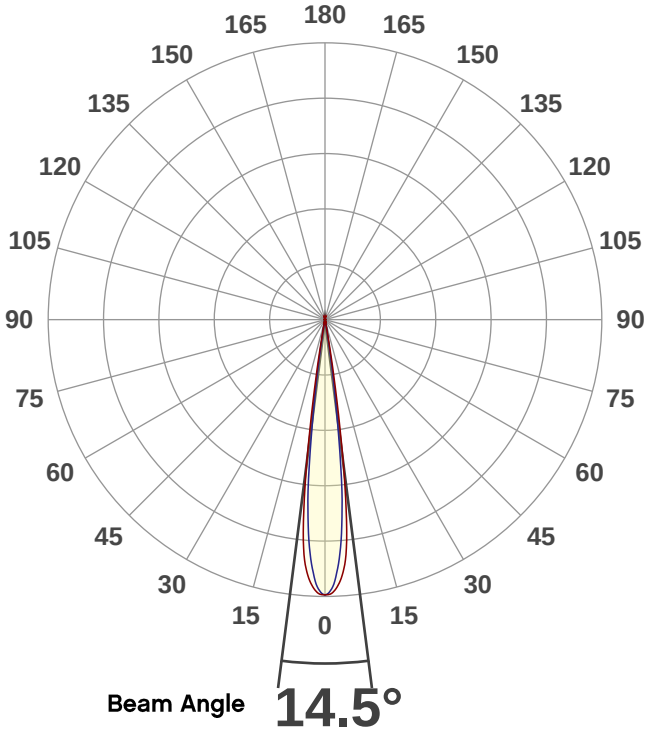
Conditions

AC Supply: 122 V, 60 Hz
Power: 64.6 W
Current: 0.530 A
Power Factor: 0.96

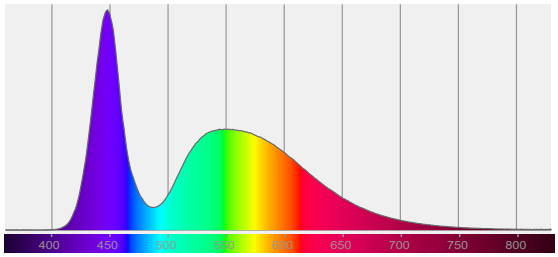
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/24/2021 to LM-63-2002 Standards.

Overall Measurement

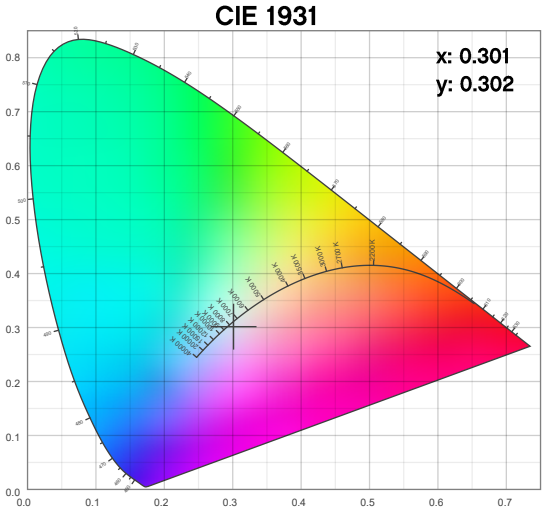
Angular Beam Distribution



Spectral Distribution



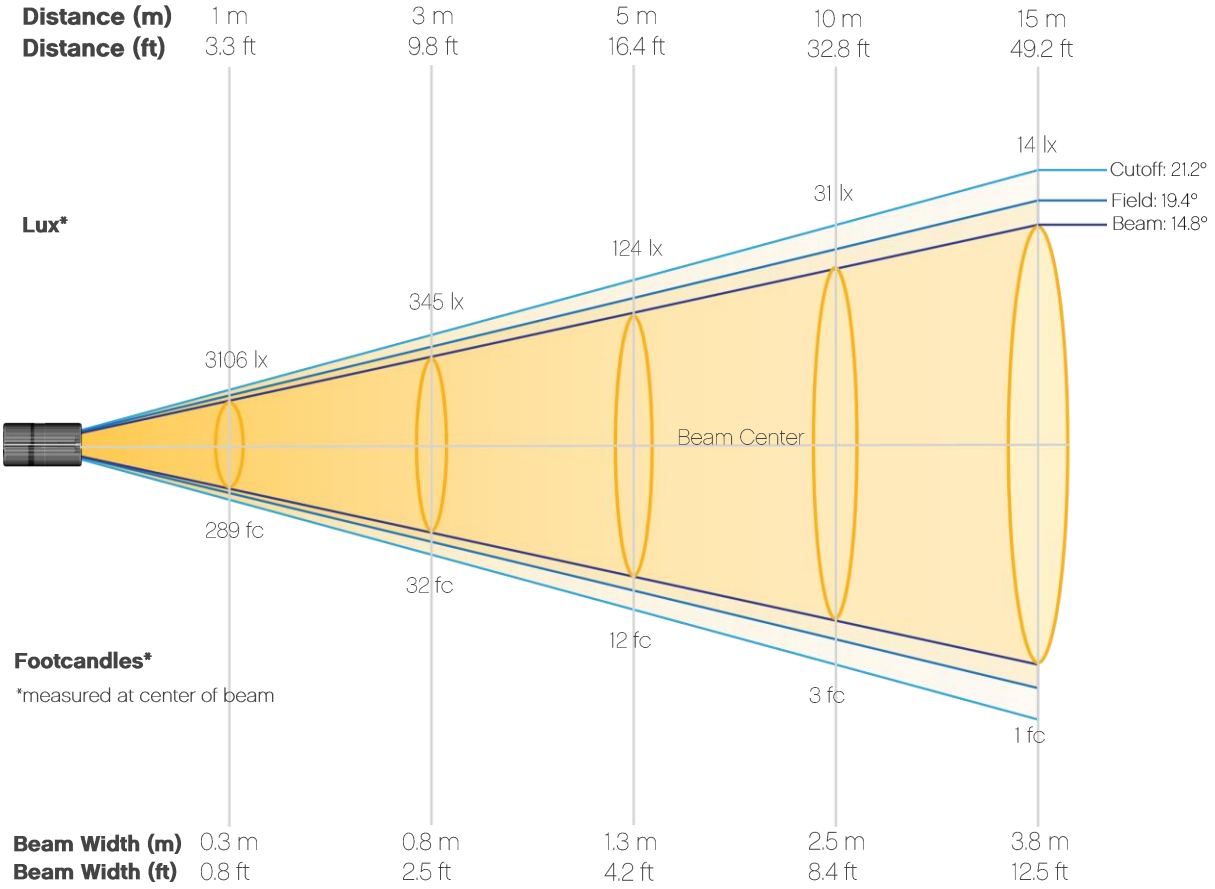
CIE 1931



Photometric Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - White Only - Calibration Off

Beam Details



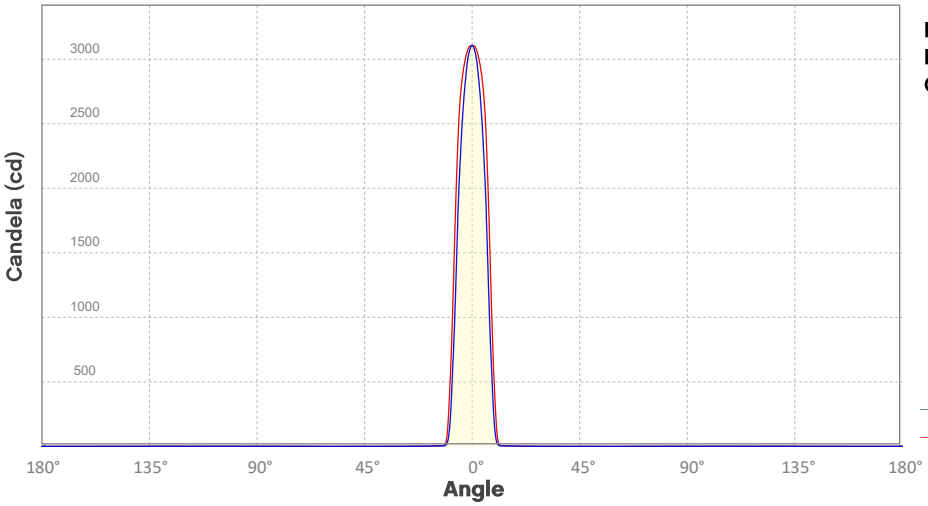
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3106	776	345	194	124	86	63	49	38	31
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	26	22	18	16	14	12	11	10	9	8
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	289	72	32	18	12	8	6	5	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 16: 50% Zoom - Single Pixel - White Only - Calibration Off

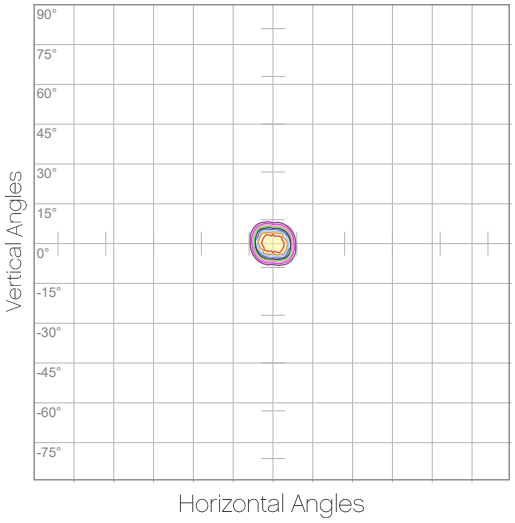
Candela Plot



Beam Angle (50%): 14.5°
Field Angle (10%): 19.6°
Cutoff Angle (3%): 21.7°

Horizontal Distribution
Vertical Distribution

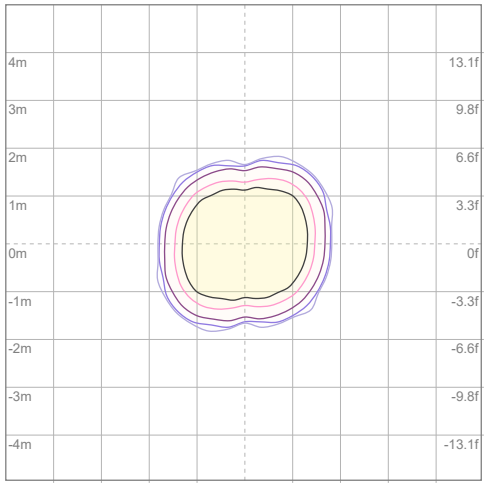
Polar Diagrams



iso-candela Diagram

10%	311 cd
20%	621 cd
30%	932 cd
40%	1242 cd
50%	1553 cd
60%	1863 cd
70%	2174 cd
80%	2484 cd
90%	2795 cd

Conditions:
Number of c-planes: 8
Candela at center: 3106 cd



iso-illuminance Diagram

3%	0.932 lx
5%	1.55 lx
10%	3.11 lx
30%	9.32 lx
50%	15.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 31.1 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 16: Full Flood - Full Power - Calibration On

Report Summary

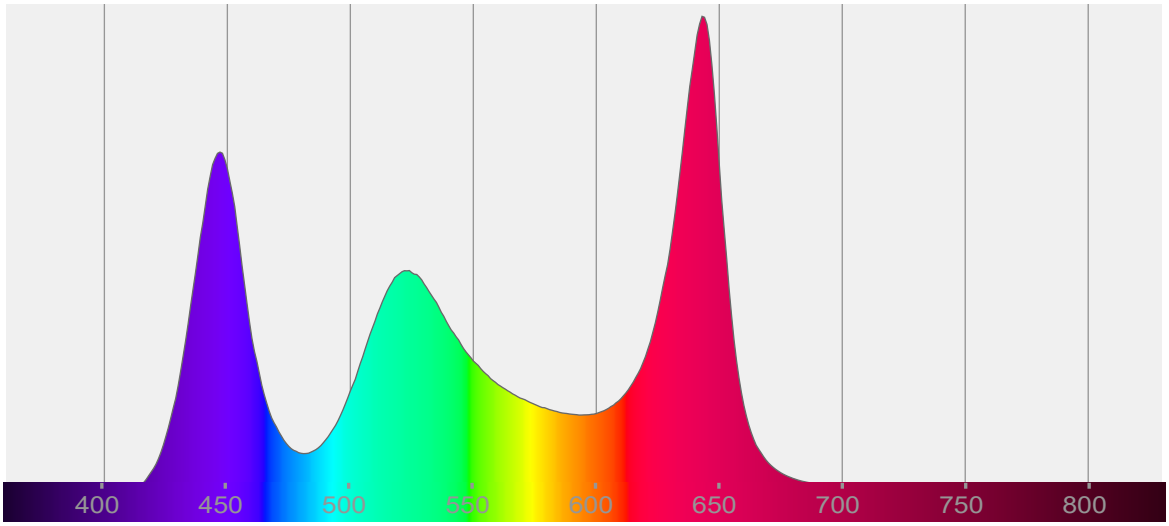
Measurements

Total Lumens: 8640 lm
Peak Intensity: 31126 cd
Fixture Efficacy: 12 lm/W

Correlated Color Temperature: 5966K
Δuv: -0.0145

CRI: 61.5 CRI R9 Value: -101.3
CQS: 81.7
TLCI: 46
TM-30-18 Rf: 74.5
TM-30-18 Rg: 123.2
1st Dominant Wavelength: 643 nM
2nd Dominant Wavelength: 447 nM

Spectral Distribution



Tested Color

5966 K
CIE 1931 Coordinates:
X: 0.324 Y: 0.313

Color Temperature

5966 K

Light Quality

CRI: 61.5

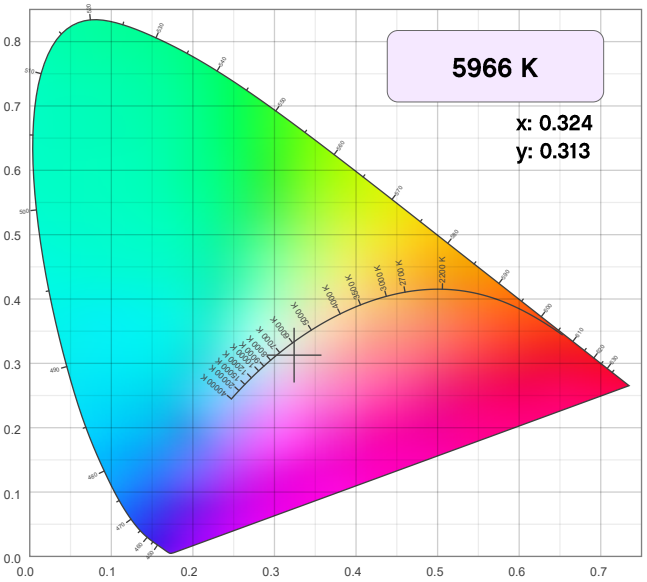
Notes:

Chromaticity Report

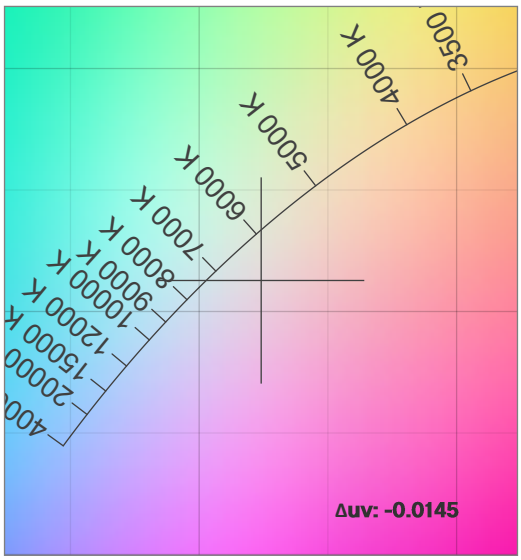
COLORado PXL Bar 16: Full Flood - Full Power - Calibration On

Chromaticity

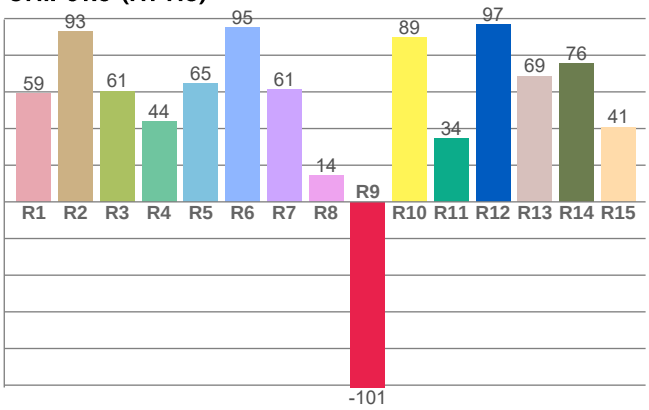
CIE 1931



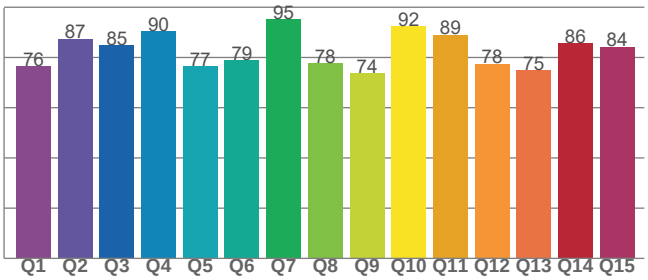
CIE 1931 - Zoom



CRI: 61.5 (R1-R8)



CQS: 81.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5966 K	0.324	0.313

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0145	0.313	0.212

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.5	-101.3	81.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	74.5	123.2

Chromaticity Report

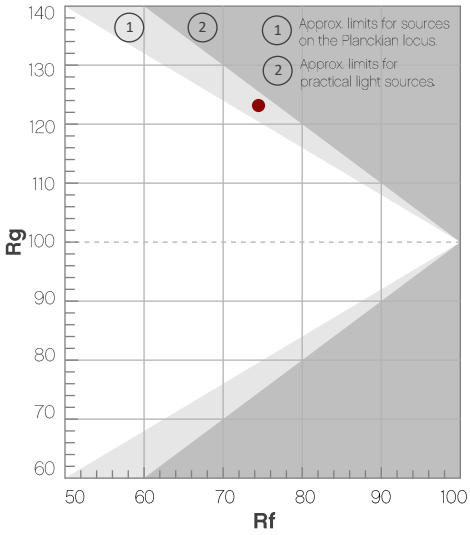
COLORado PXL Bar 16: Full Flood - Full Power - Calibration On

TM-30-18 Details

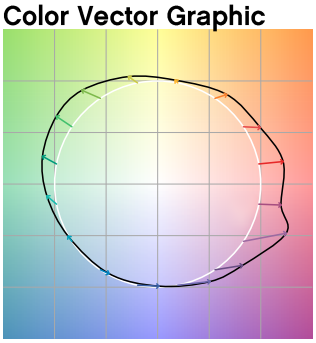
Rf 74.5
Fidelity Index (Rg)

Rg 123.2
Gamut Index (Rg)

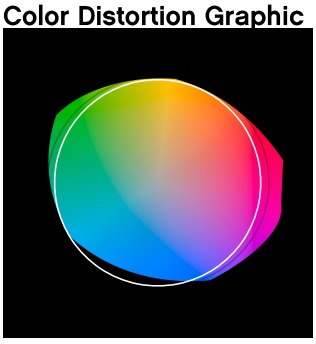
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	24%	-2%
2	74	13%	-10%
3	78	9%	-7%
4	92	2%	3%
5	81	8%	7%
6	73	16%	11%
7	73	18%	0%
8	74	15%	-5%
9	86	8%	-10%
10	86	0%	-6%
11	85	-2%	9%
12	71	-3%	21%
13	65	3%	31%
14	58	11%	25%
15	56	30%	30%
16	63	21%	3%



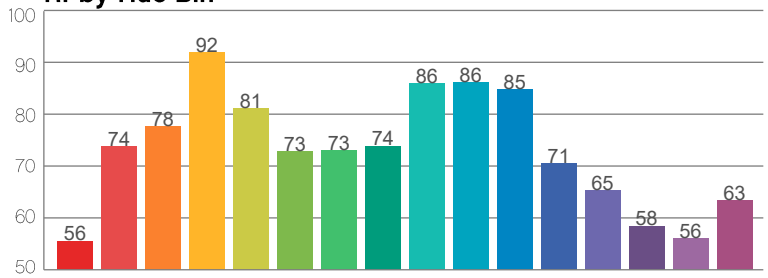
Color Vector Graphic



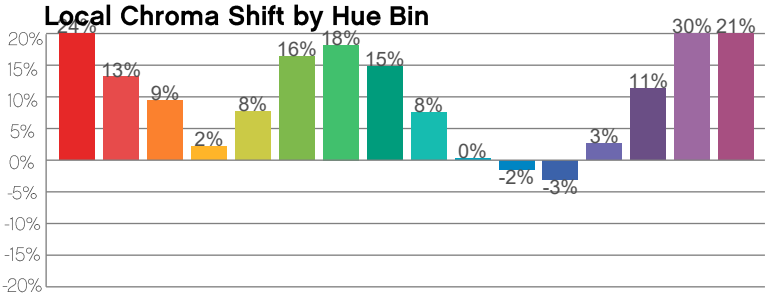
Color Distortion Graphic



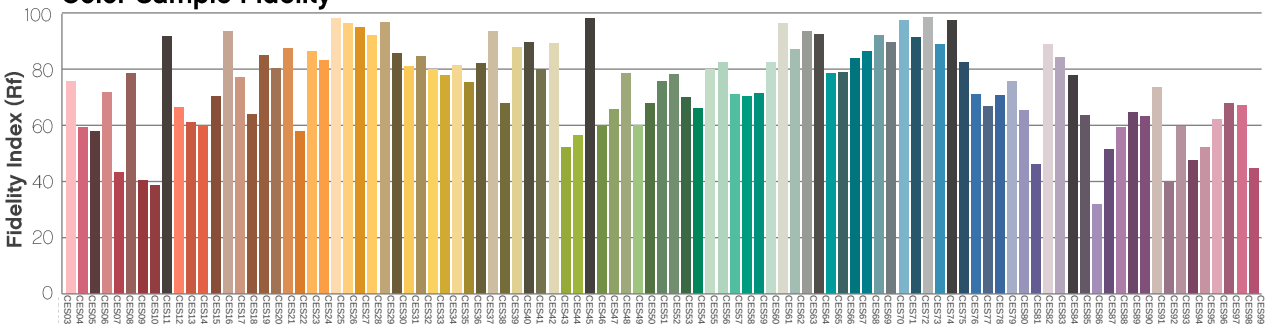
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Flood - Full Power - Calibration Off

Report Summary

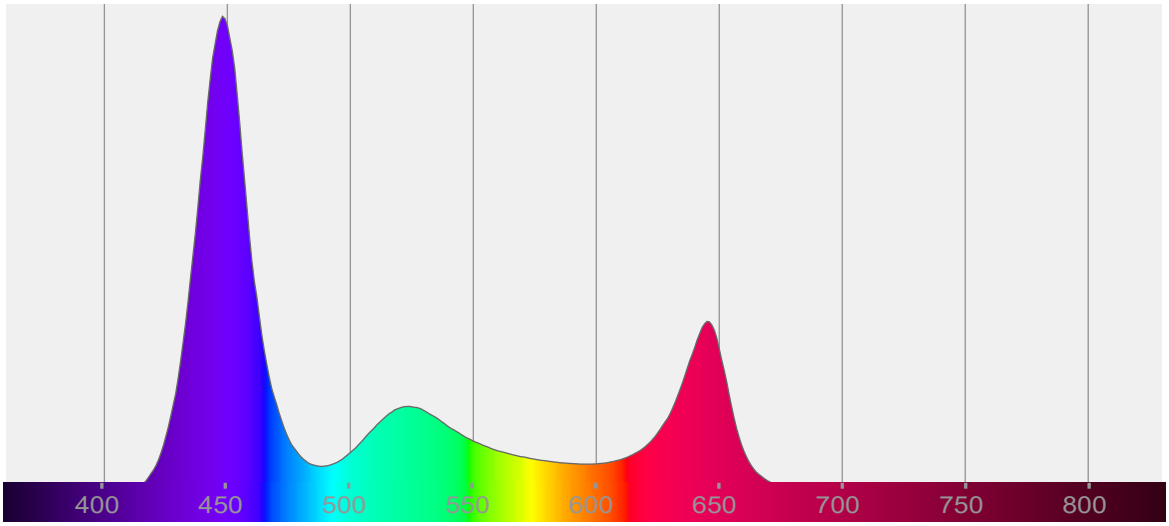
Measurements

Total Lumens: 8959 lm
Peak Intensity: 32362 cd
Fixture Efficacy: 11 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: 645 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

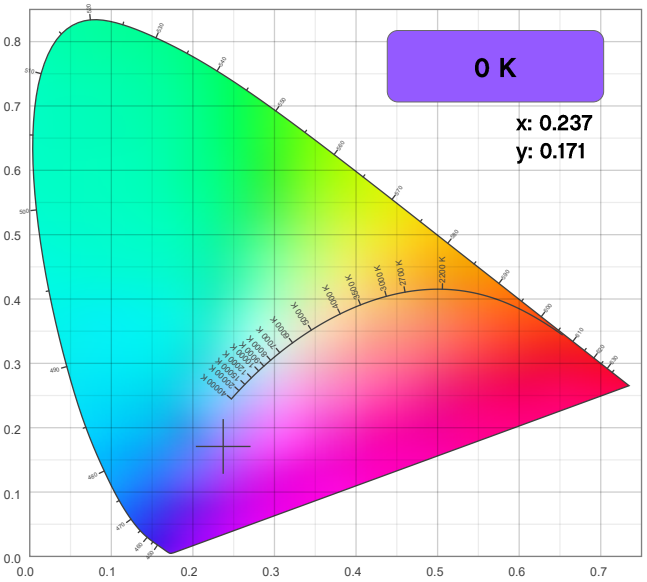
Notes:

Chromaticity Report

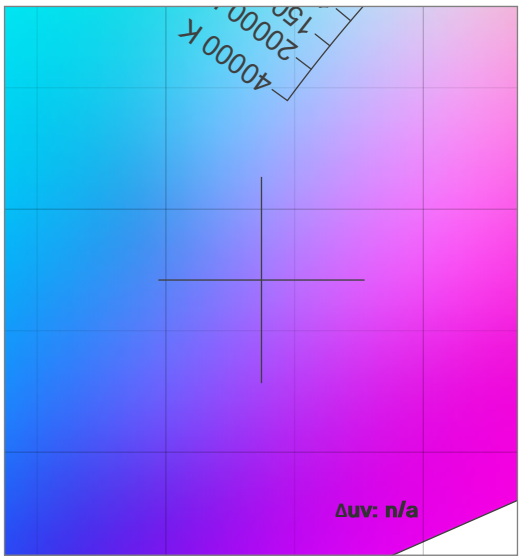
COLORado PXL Bar 16: Full Flood - Full Power - Calibration Off

Chromaticity

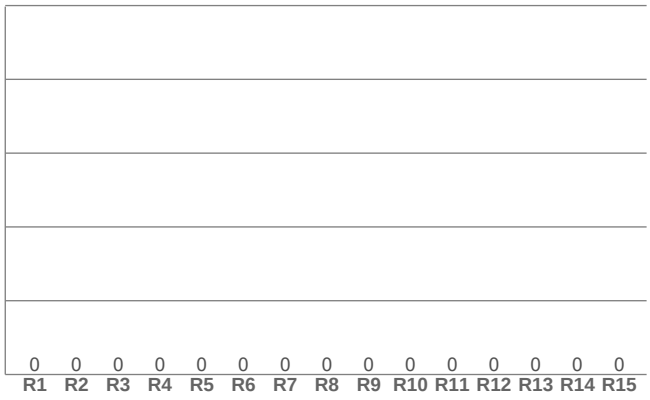
CIE 1931



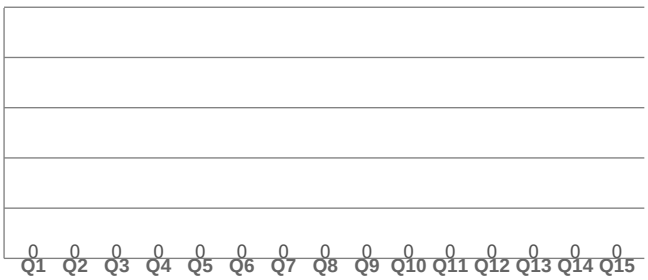
CIE 1931 - Zoom



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

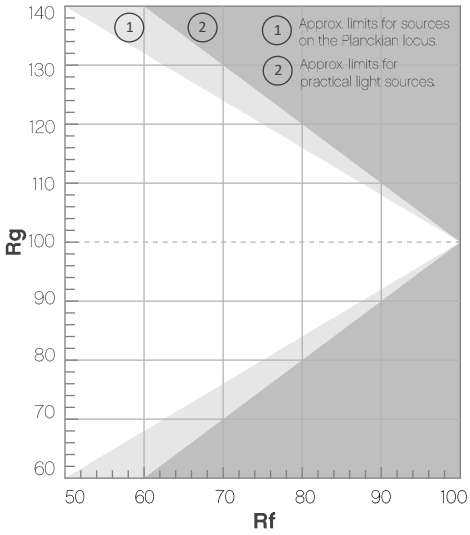
COLORado PXL Bar 16: Full Flood - Full Power - Calibration Off

TM-30-18 Details

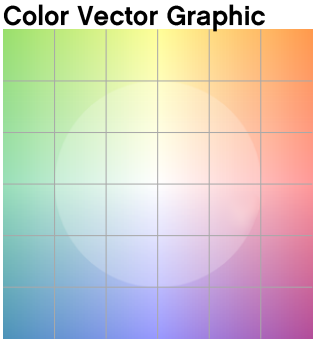
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

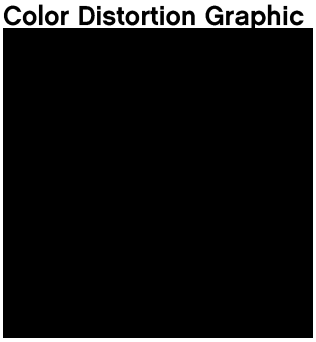
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



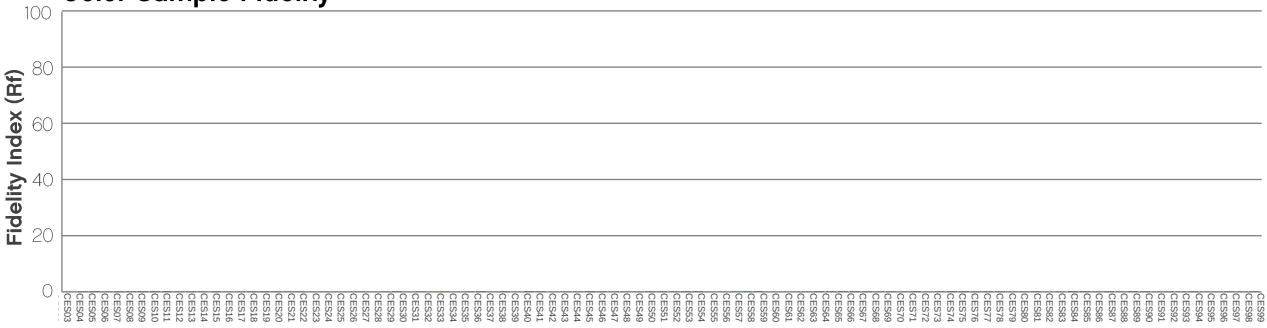
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration On

Report Summary

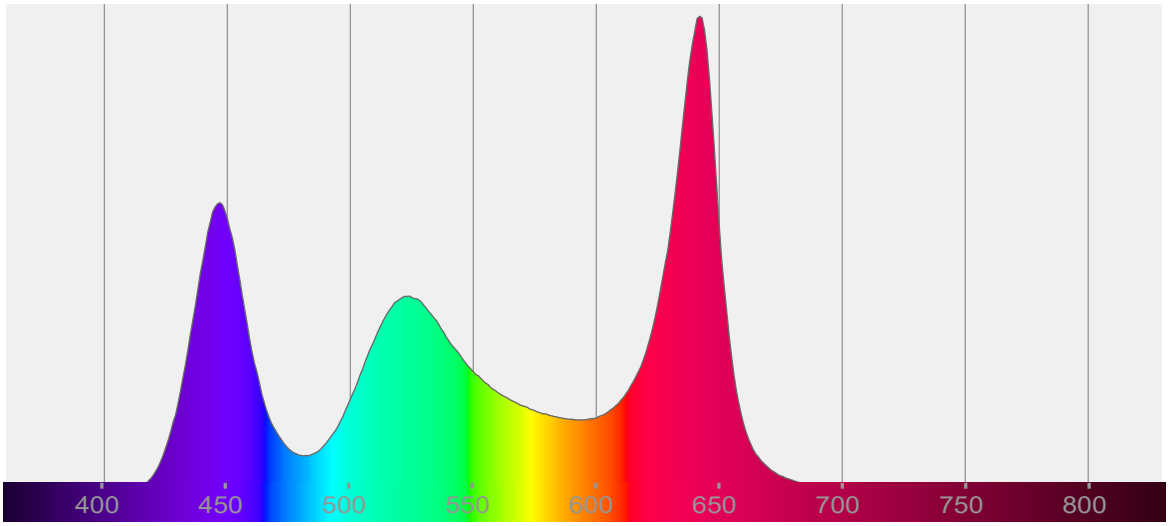
Measurements

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

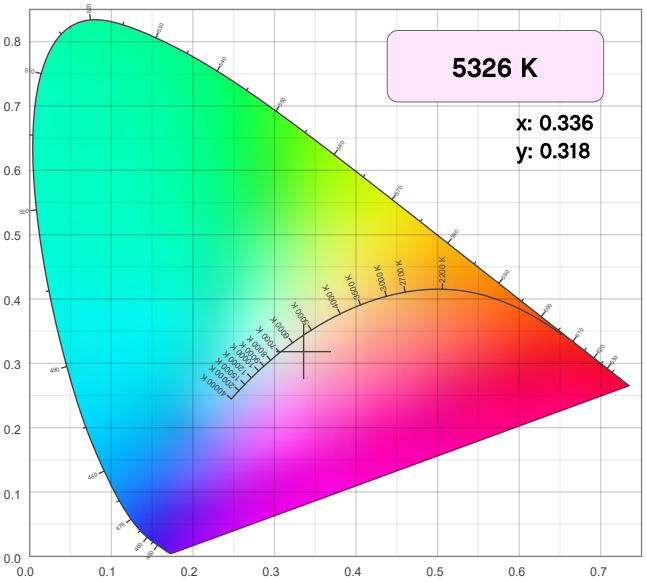
Notes:

Chromaticity Report

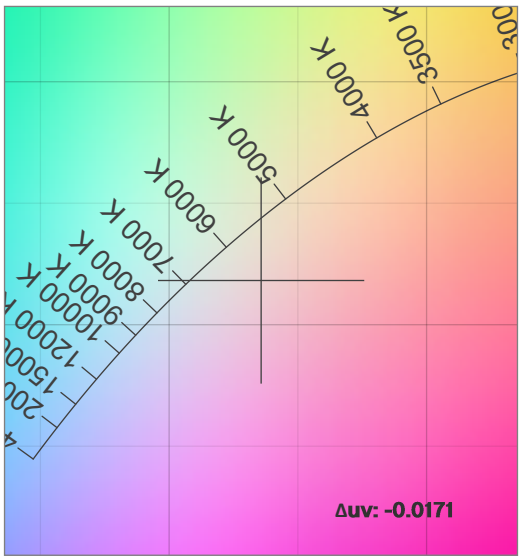
COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration On

Chromaticity

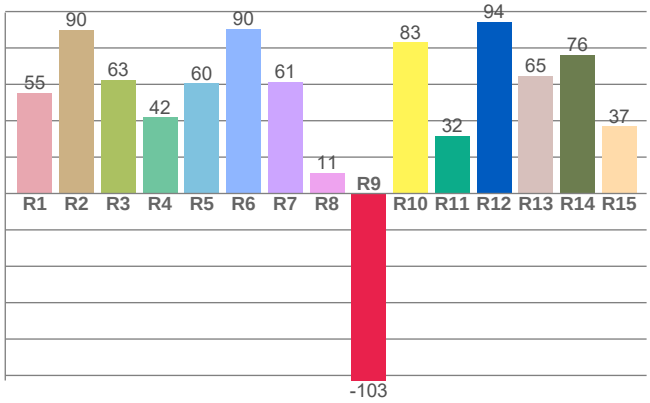
CIE 1931



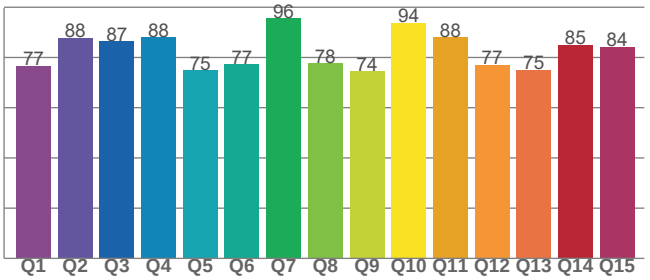
CIE 1931 - Zoom



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

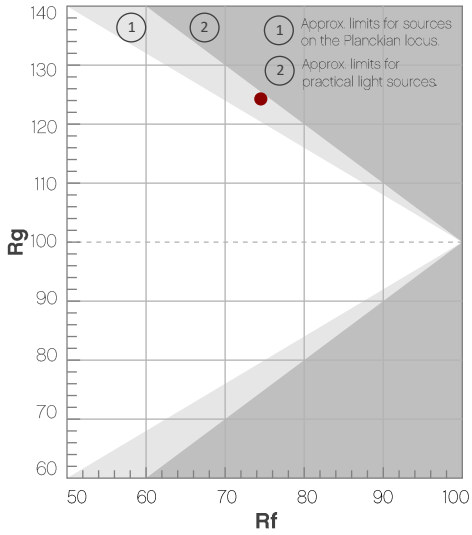
COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration On

TM-30-18 Details

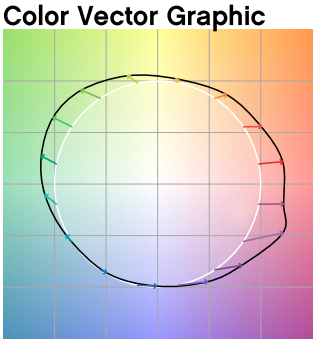
Rf 74.5
Fidelity Index (Rg)

Rg 124.3
Gamut Index (Rg)

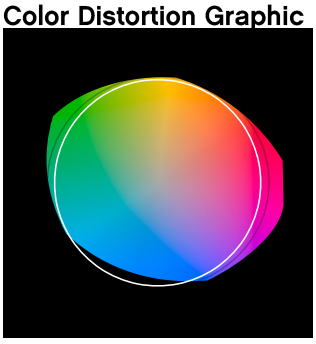
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	23%	-2%
2	73	14%	-9%
3	76	9%	-7%
4	91	4%	2%
5	82	9%	8%
6	71	17%	11%
7	69	20%	3%
8	72	16%	-5%
9	84	9%	-11%
10	84	1%	-8%
11	88	-1%	6%
12	74	-3%	18%
13	68	2%	29%
14	60	11%	24%
15	59	27%	28%
16	61	24%	5%



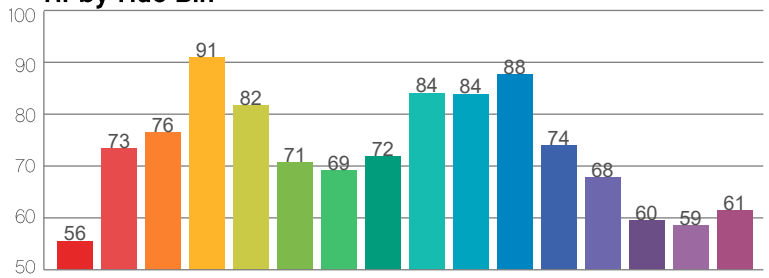
Color Vector Graphic



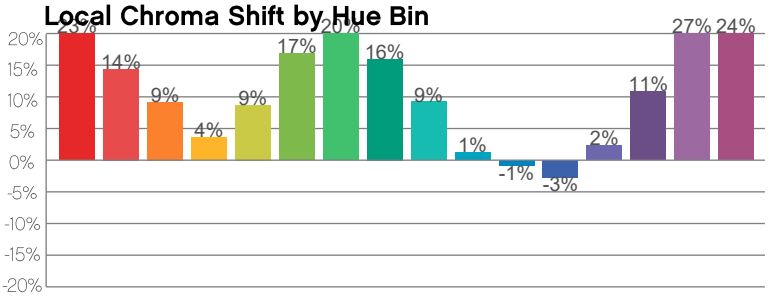
Color Distortion Graphic



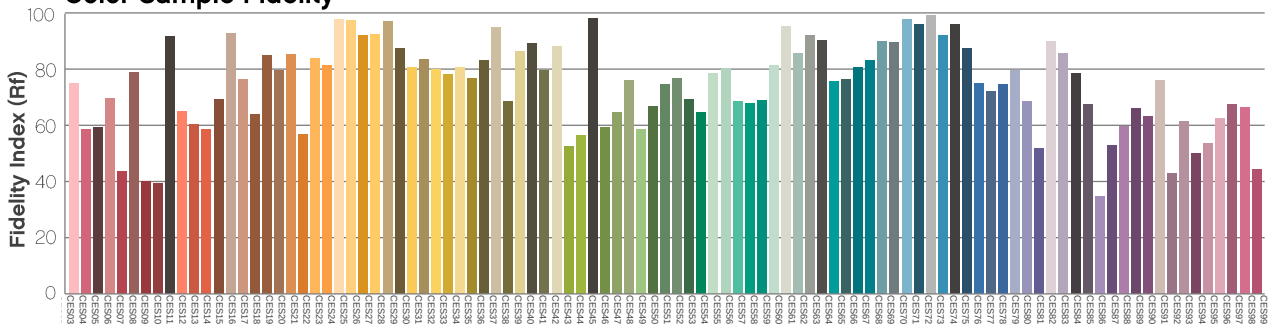
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration Off

Report Summary

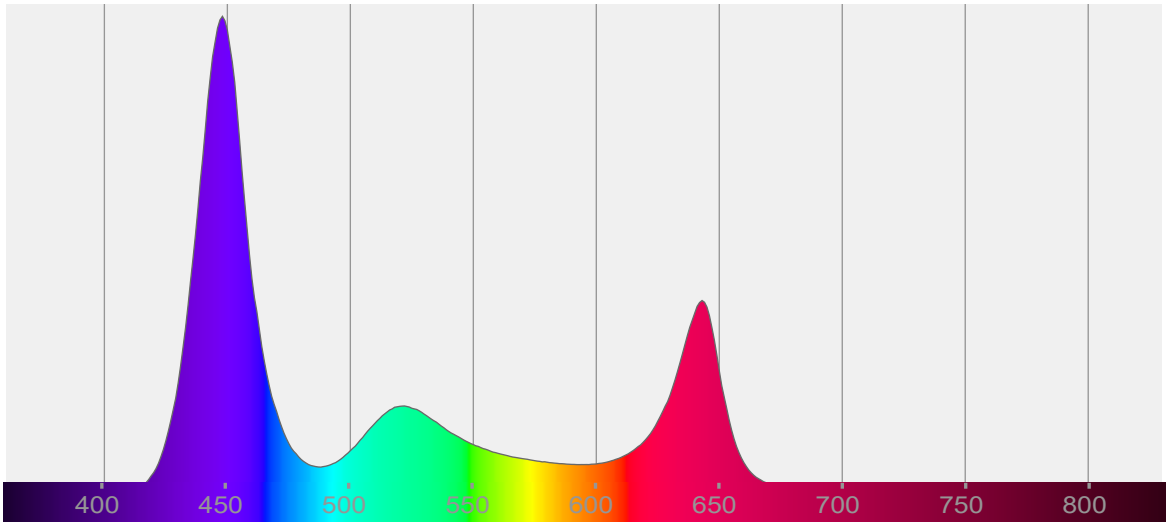
Measurements

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

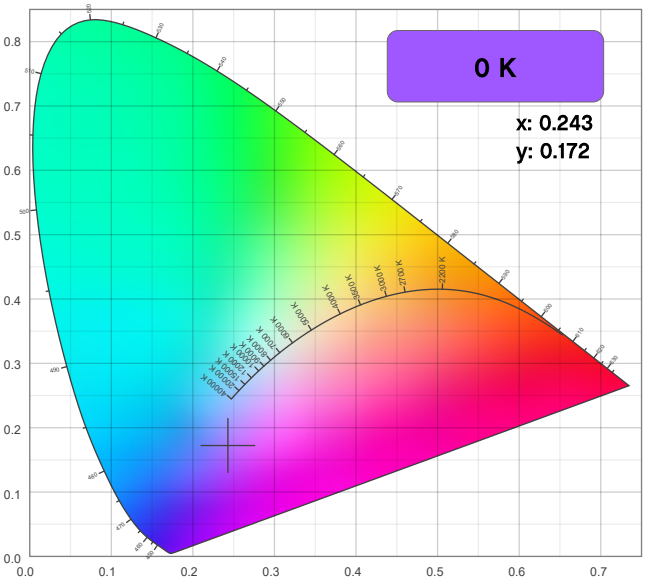
Notes:

Chromaticity Report

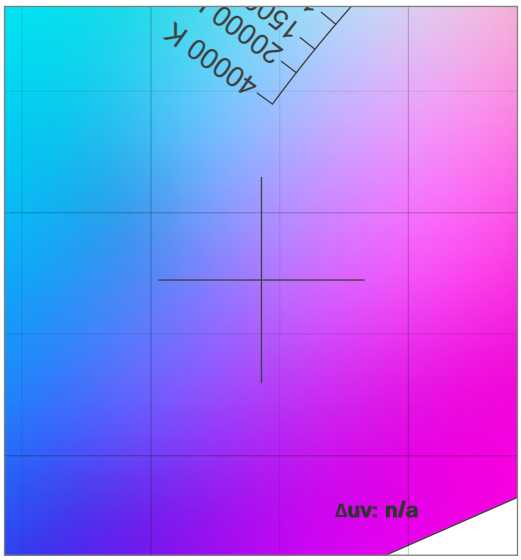
COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration Off

Chromaticity

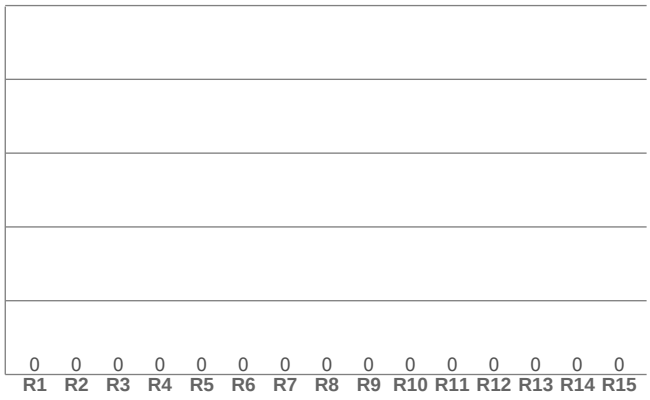
CIE 1931



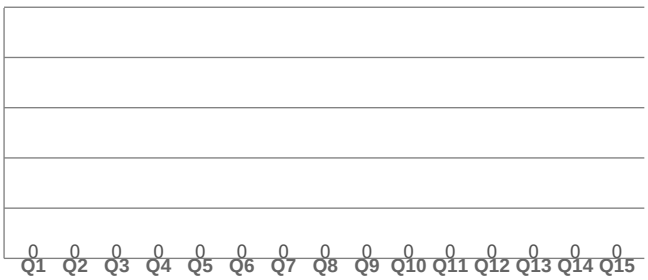
CIE 1931 - Zoom



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

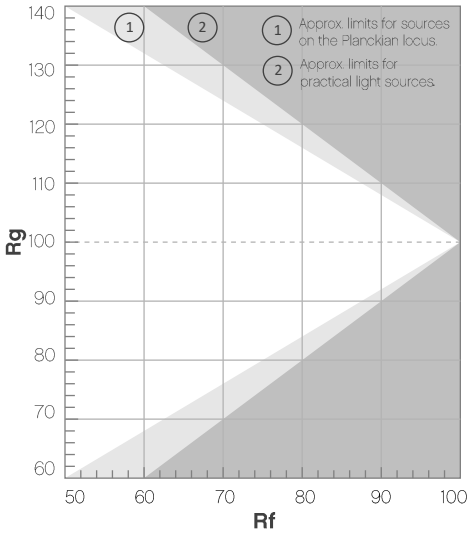
COLORado PXL Bar 16: Full Flood - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

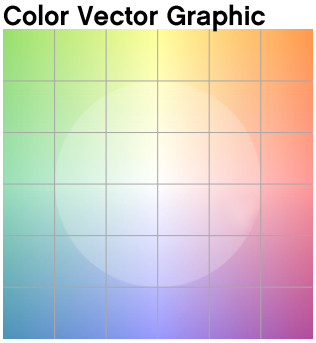
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

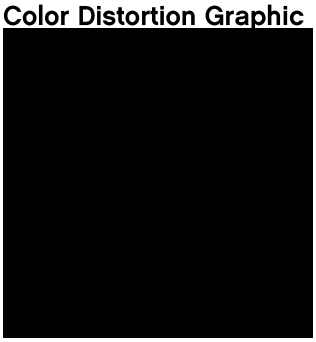
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



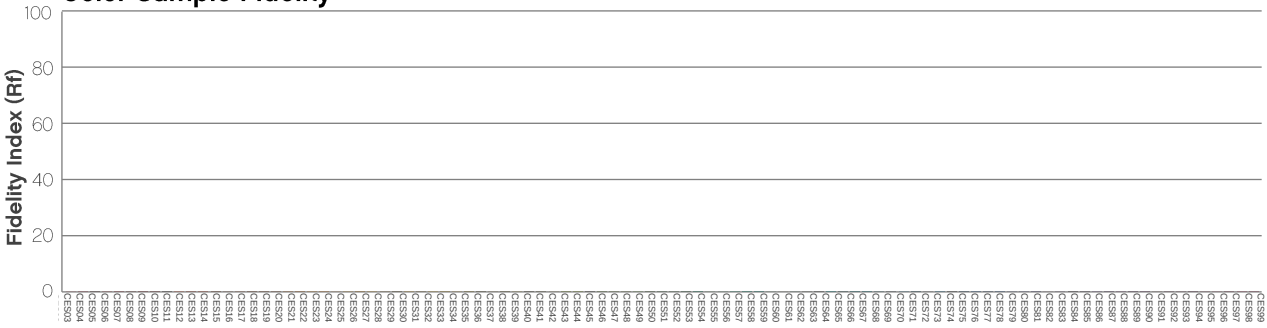
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration On

Report Summary

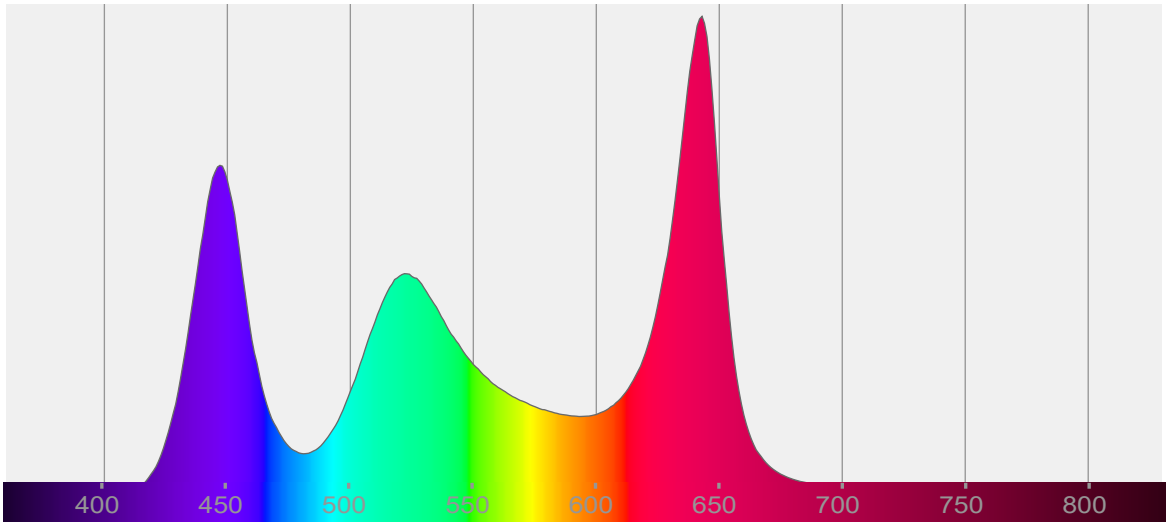
Measurements

Total Lumens: 6863 lm
Peak Intensity: 655714 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 5804K
Δuv: -0.0149

CRI: 60.6 CRI R9 Value: -102.3
CQS: 81.4
TLCI: 46
TM-30-18 Rf: 74.6
TM-30-18 Rg: 123.4
1st Dominant Wavelength: 643 nM
2nd Dominant Wavelength: 447 nM

Spectral Distribution



Tested Color

5804 K
CIE 1931 Coordinates:
X: 0.327 Y: 0.315

Color Temperature

5804 K

Light Quality

CRI: 60.6

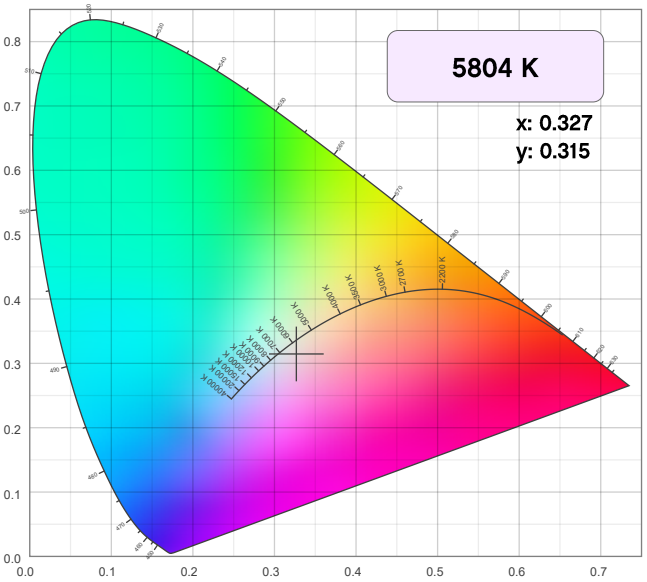
Notes:

Chromaticity Report

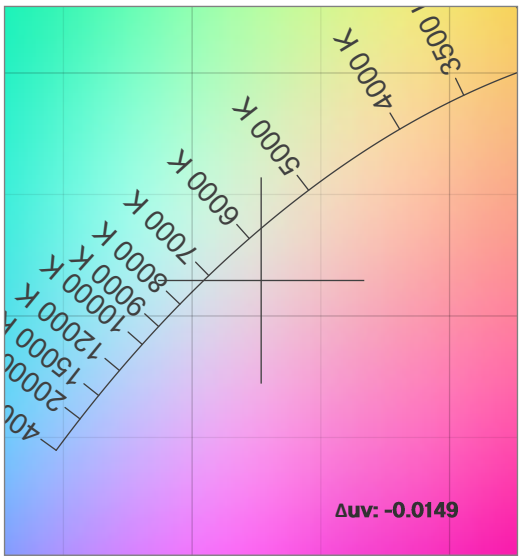
COLORado PXL Bar 16: Full Spot - Full Power - Calibration On

Chromaticity

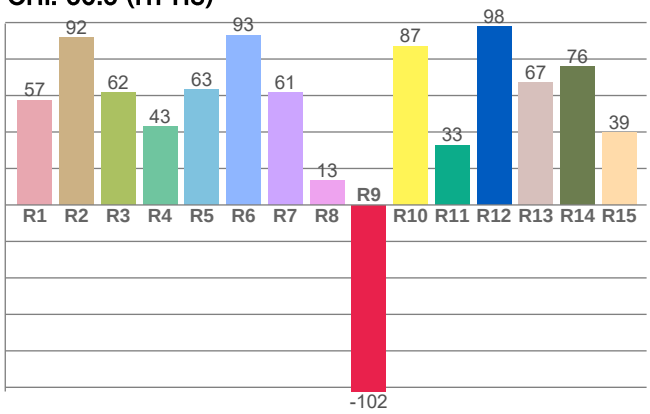
CIE 1931



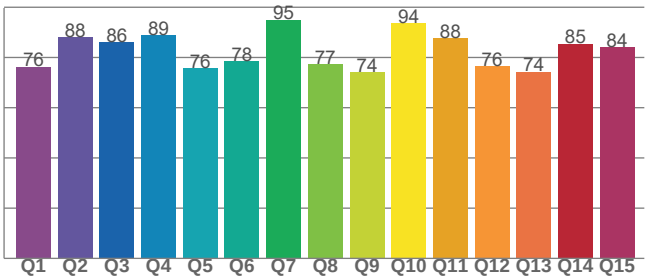
CIE 1931 - Zoom



CRI: 60.6 (R1-R8)



CQS: 81.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5804 K	0.327	0.315

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0149	0.315	0.214

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
60.6	-102.3	81.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	74.6	123.4

Chromaticity Report

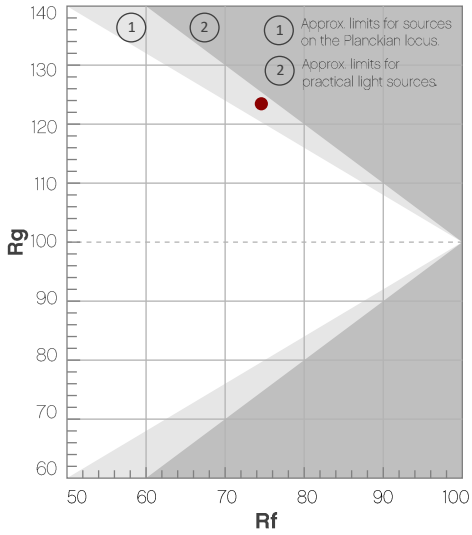
COLORado PXL Bar 16: Full Spot - Full Power - Calibration On

TM-30-18 Details

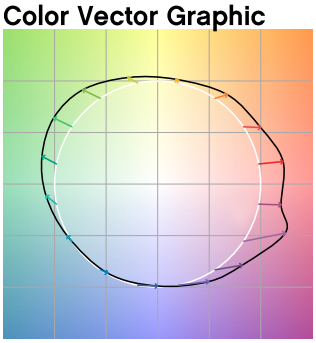
Rf 74.6
Fidelity Index (Rg)

Rg 123.4
Gamut Index (Rg)

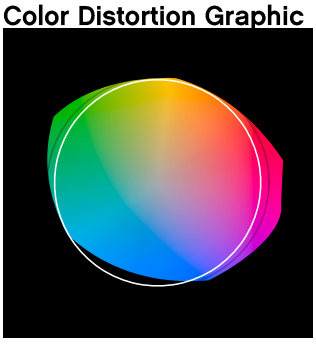
Hue Bin	R_f	Chroma Shift	Hue Shift
1	55	24%	-2%
2	73	13%	-10%
3	77	10%	-8%
4	91	3%	2%
5	81	7%	8%
6	74	16%	10%
7	70	19%	3%
8	73	15%	-4%
9	85	8%	-10%
10	85	1%	-7%
11	86	-1%	8%
12	72	-3%	19%
13	67	2%	30%
14	59	11%	24%
15	57	29%	29%
16	63	21%	4%



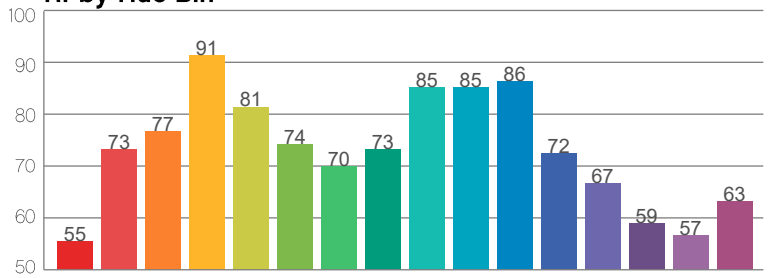
Color Vector Graphic



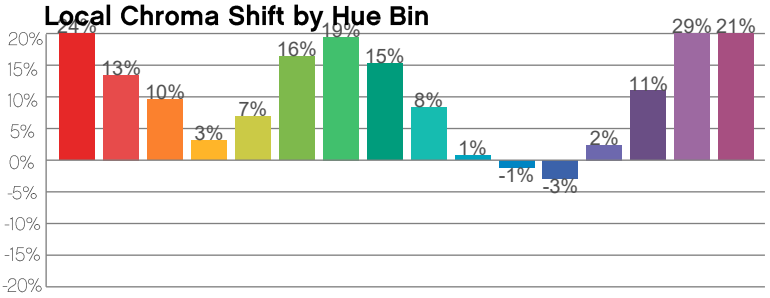
Color Distortion Graphic



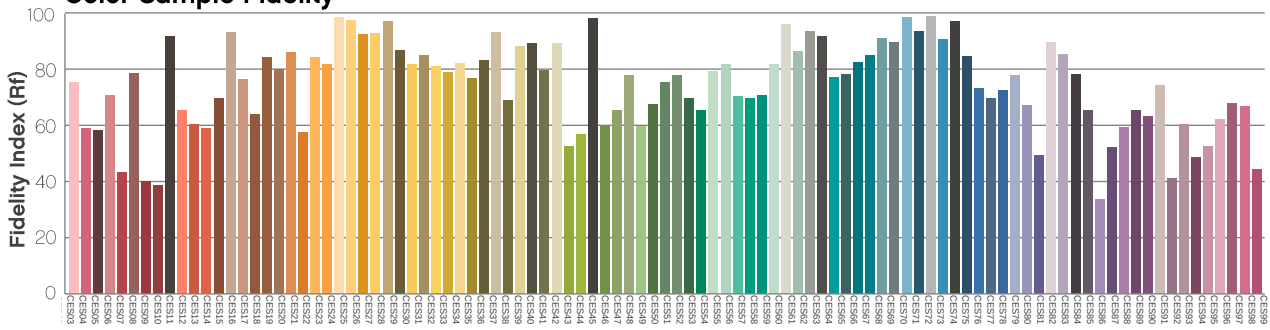
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Spot - Full Power - Calibration Off

Report Summary

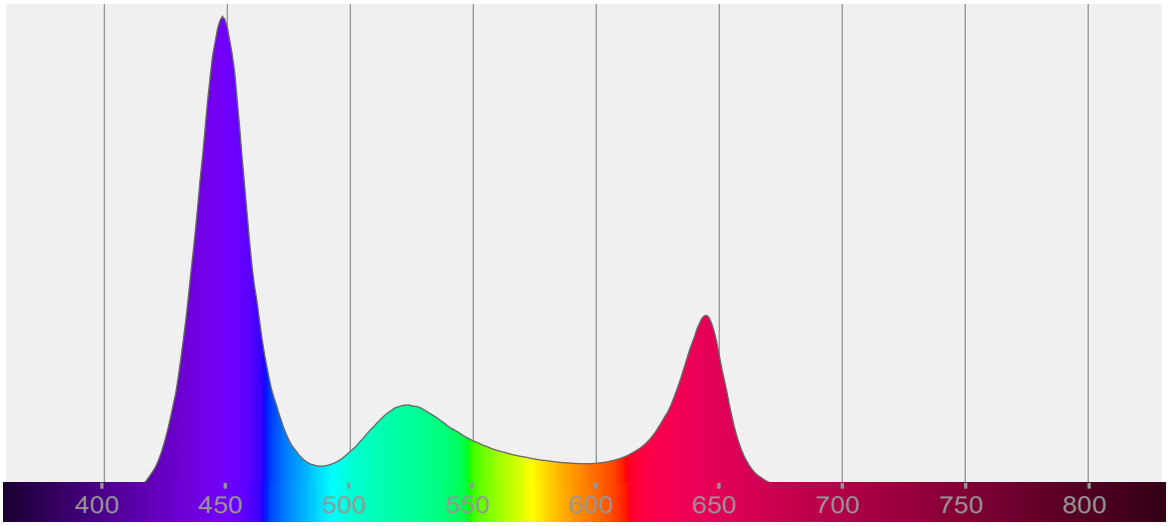
Measurements

Total Lumens: 7410 lm
Peak Intensity: 685387 cd
Fixture Efficacy: 9 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: 645 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.239 Y: 0.173

Color Temperature

0 K

Light Quality

CRI: 0.0

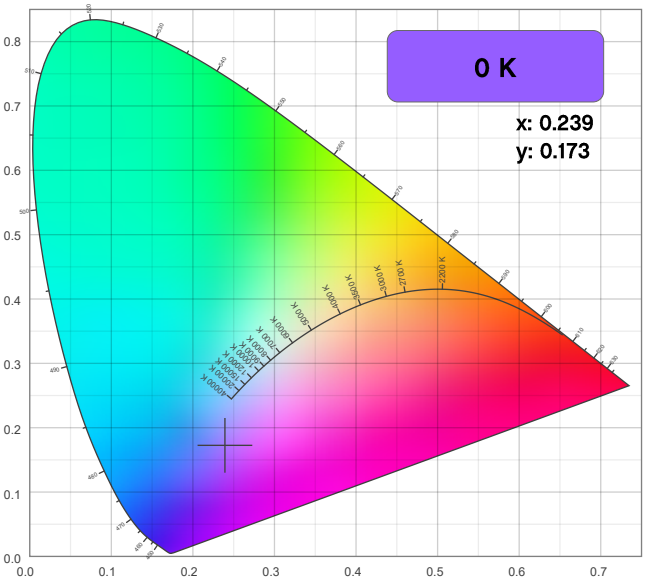
Notes:

Chromaticity Report

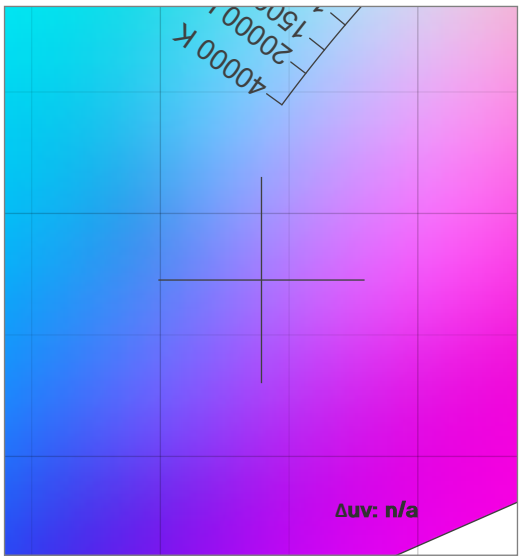
COLORado PXL Bar 16: Full Spot - Full Power - Calibration Off

Chromaticity

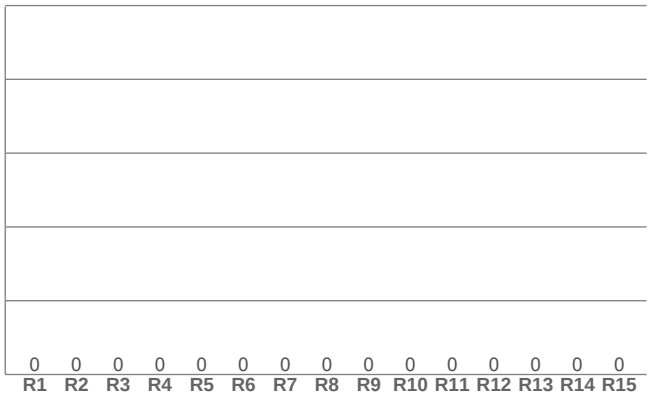
CIE 1931



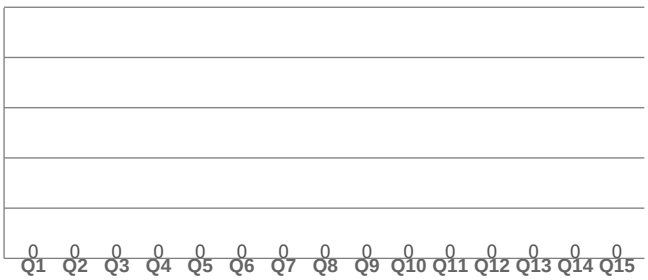
CIE 1931 - Zoom



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	0.239	0.173

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.173	0.208

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

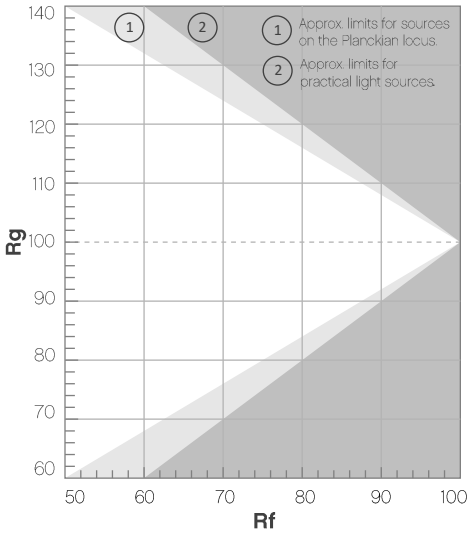
COLORado PXL Bar 16: Full Spot - Full Power - Calibration Off

TM-30-18 Details

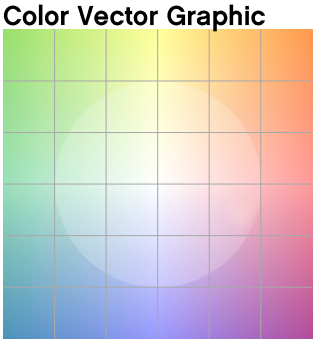
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

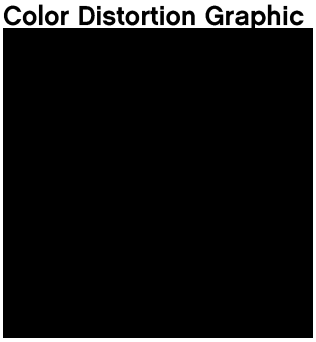
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



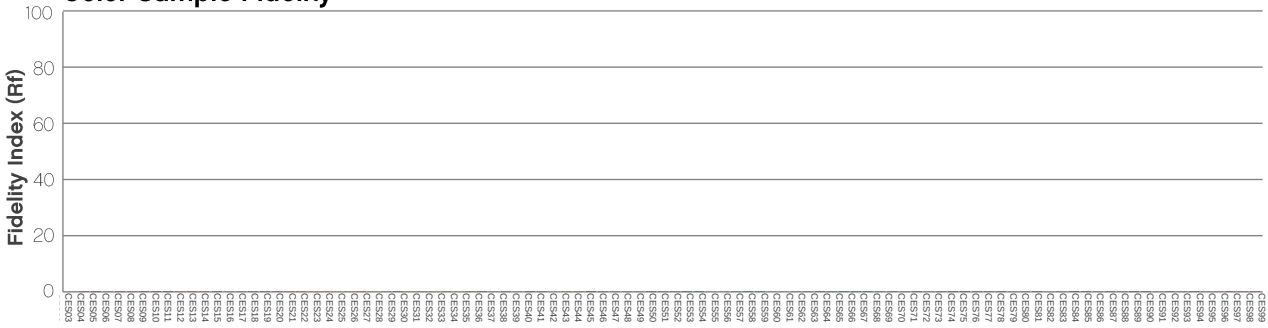
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration On

Report Summary

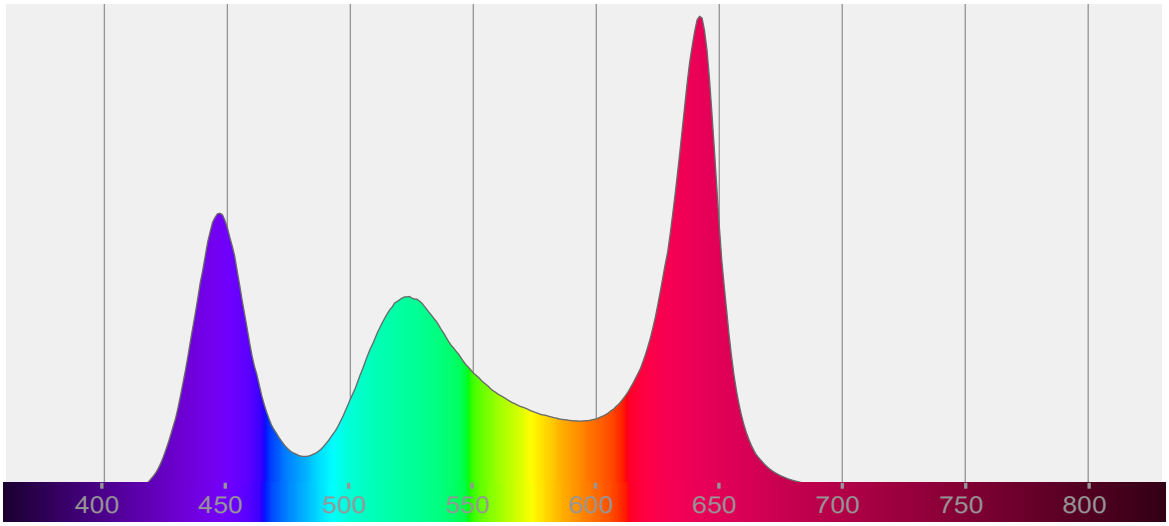
Measurements

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

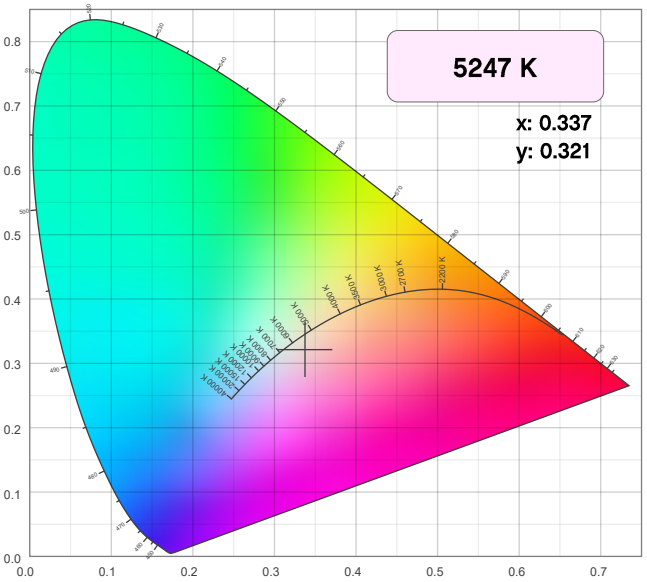
Notes:

Chromaticity Report

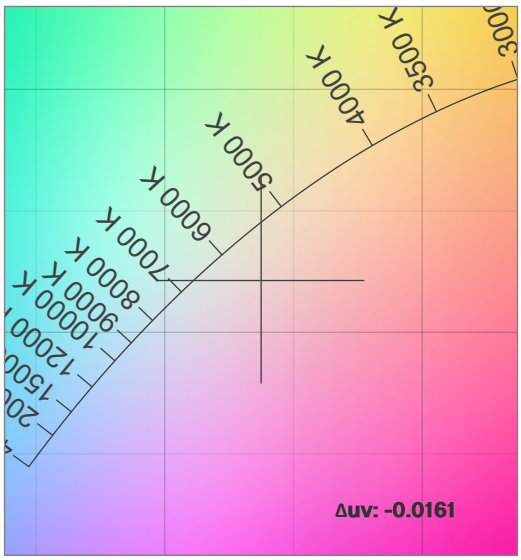
COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration On

Chromaticity

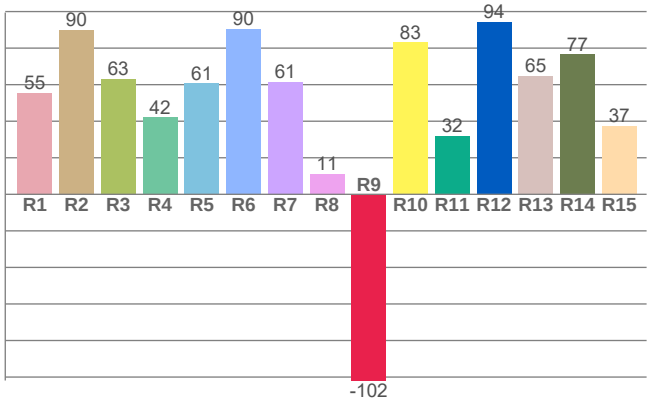
CIE 1931



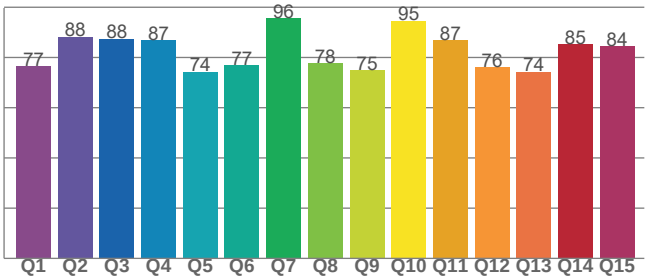
CIE 1931 - Zoom



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

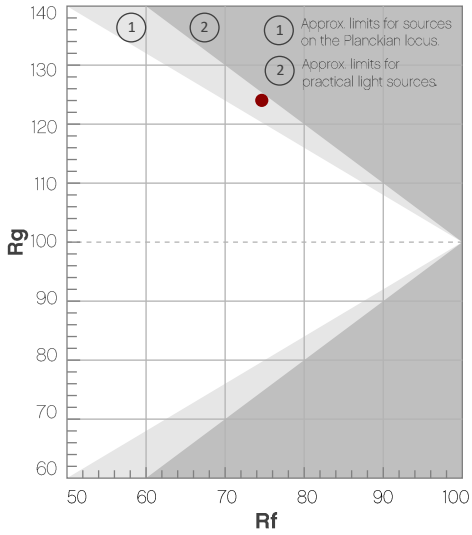
COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration On

TM-30-18 Details

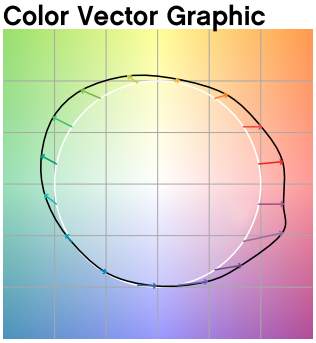
Rf 74.6
Fidelity Index (Rg)

Rg 124.0
Gamut Index (Rg)

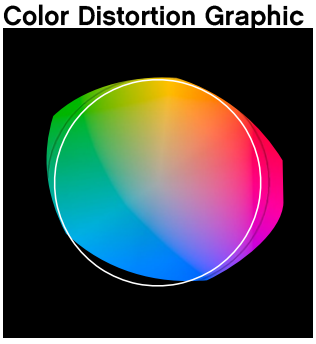
Hue Bin	R_f	Chroma Shift	Hue Shift
1	56	23%	-2%
2	73	14%	-10%
3	76	9%	-8%
4	91	3%	2%
5	82	8%	8%
6	71	17%	11%
7	69	20%	2%
8	72	16%	-5%
9	84	9%	-11%
10	83	1%	-8%
11	88	-1%	6%
12	75	-3%	18%
13	68	2%	28%
14	60	11%	24%
15	59	27%	28%
16	62	23%	5%



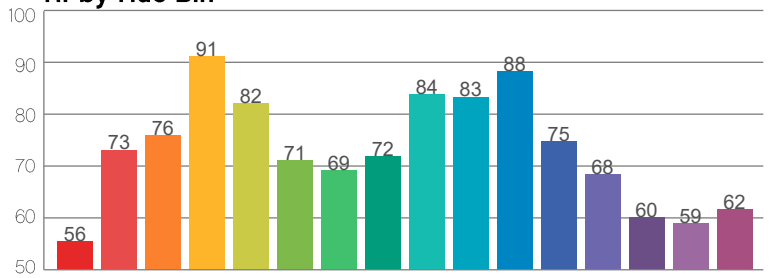
Color Vector Graphic



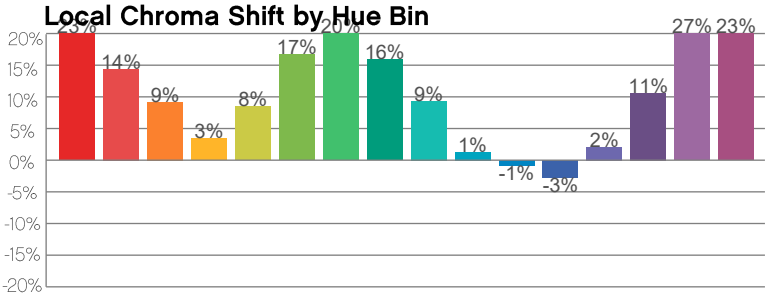
Color Distortion Graphic



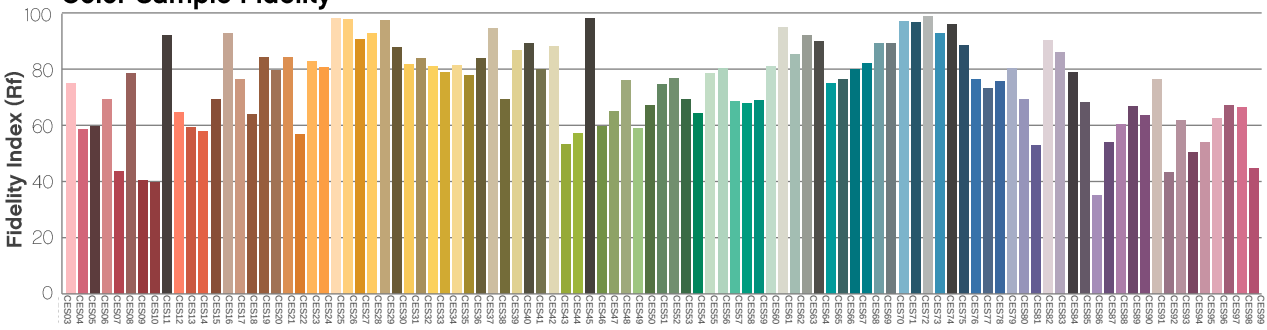
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration Off

Report Summary

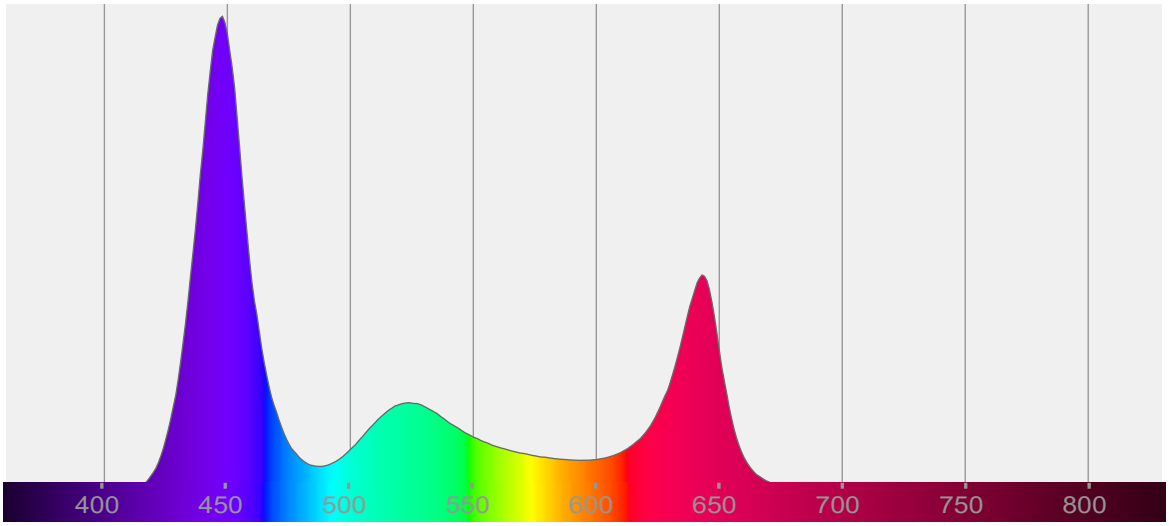
Measurements

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

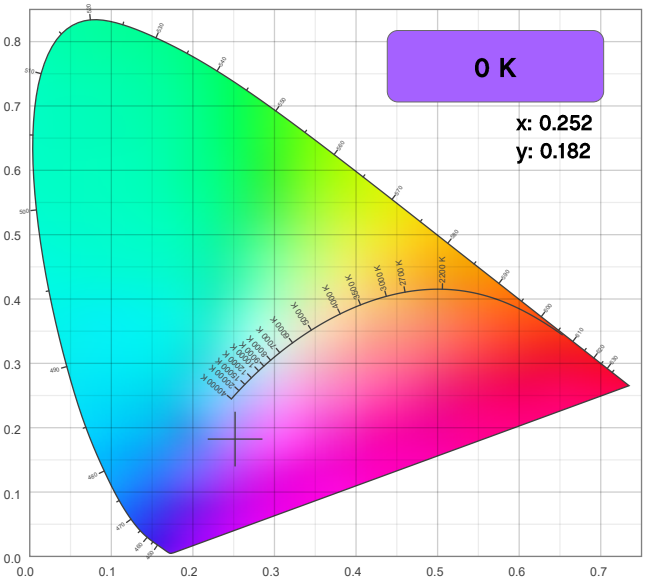
Notes:

Chromaticity Report

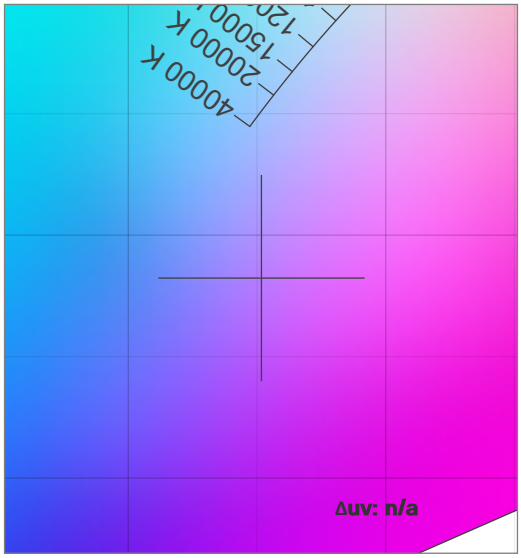
COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration Off

Chromaticity

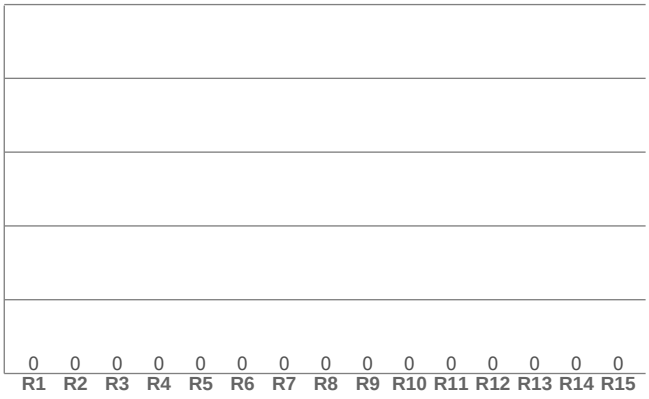
CIE 1931



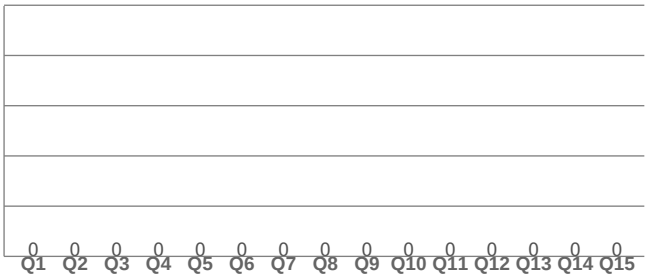
CIE 1931 - Zoom



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

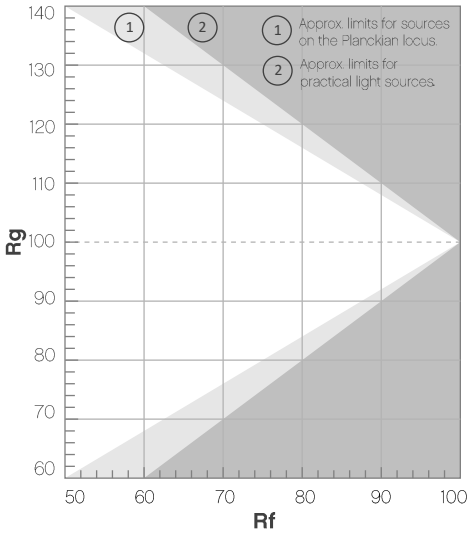
COLORado PXL Bar 16: Full Spot - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

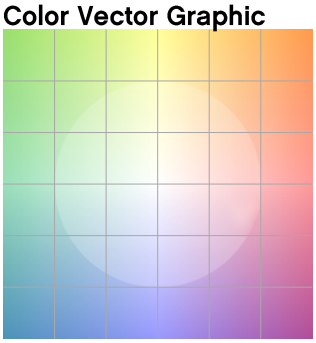
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

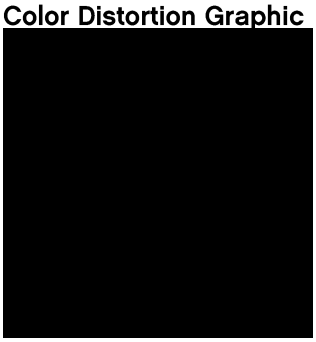
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



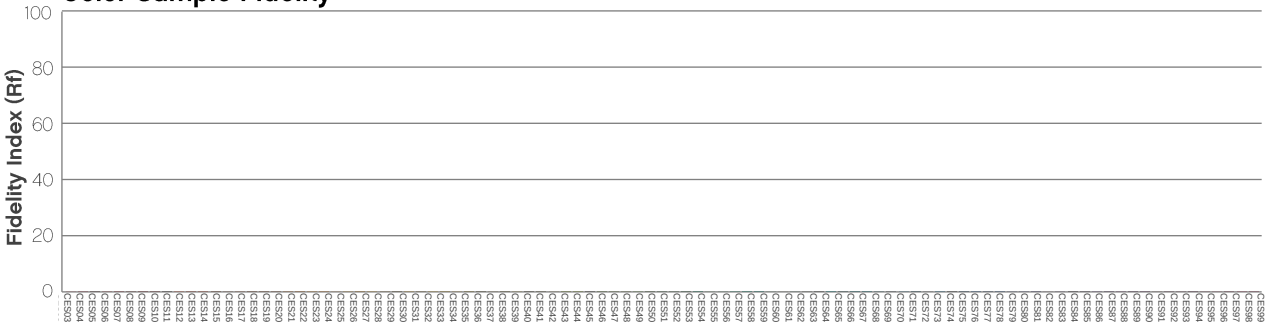
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration On

Report Summary

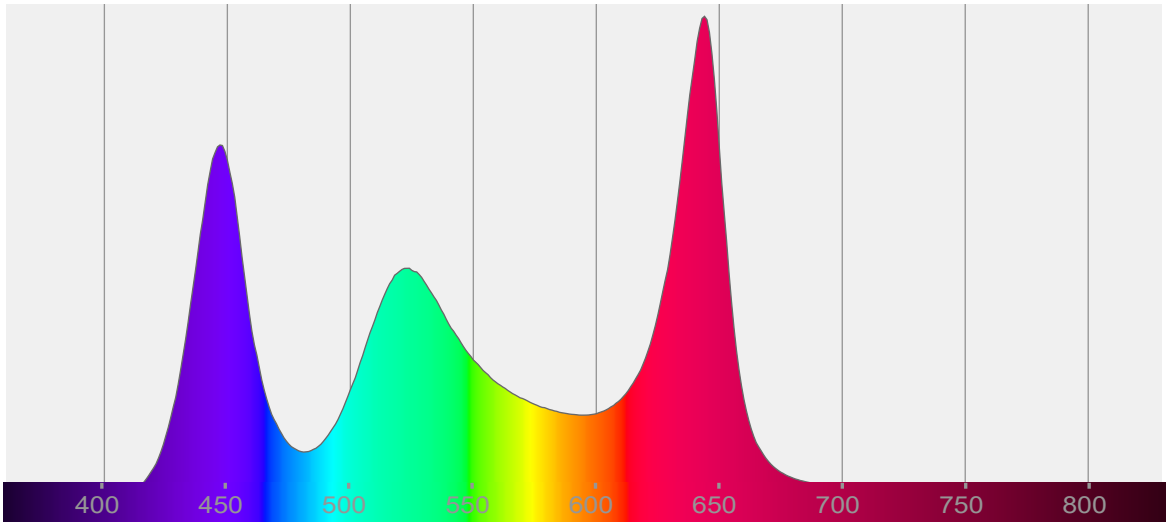
Measurements

Total Lumens: 6620 lm
Peak Intensity: 102222 cd
Fixture Efficacy: 9 lm/W

Correlated Color Temperature: 6122K
Δuv: -0.0143

CRI: 61.6 CRI R9 Value: -103.4
CQS: 81.7
TLCI: 46
TM-30-18 Rf: 74.5
TM-30-18 Rg: 123.0
1st Dominant Wavelength: 644 nM
2nd Dominant Wavelength: 447 nM

Spectral Distribution



Tested Color

6122 K
CIE 1931 Coordinates:
X: 0.322 Y: 0.311

Color Temperature

6122 K

Light Quality

CRI: 61.6

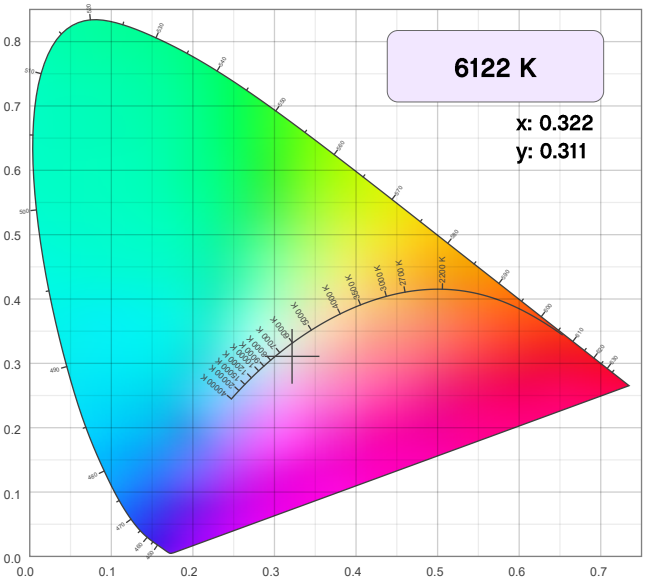
Notes:

Chromaticity Report

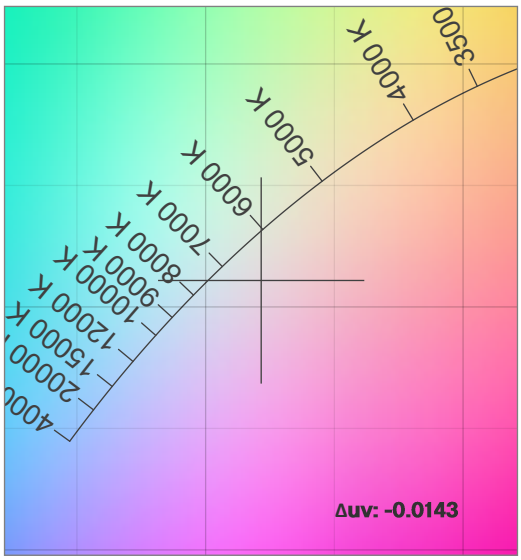
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration On

Chromaticity

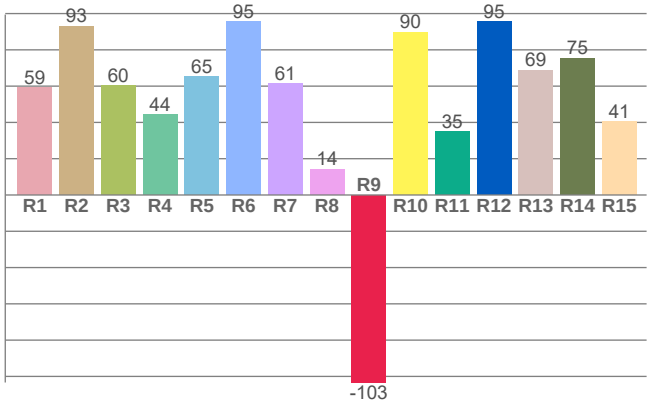
CIE 1931



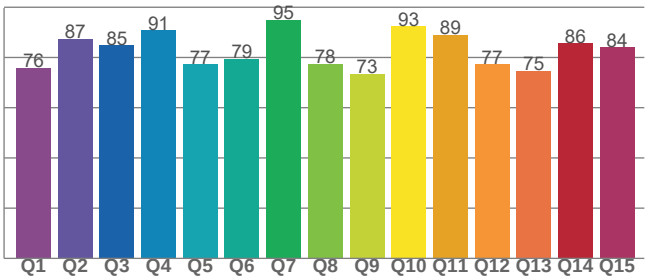
CIE 1931 - Zoom



CRI: 61.6 (R1-R8)



CQS: 81.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6122 K	0.322	0.311

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0143	0.311	0.211

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
61.6	-103.4	81.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	74.5	123.0

Chromaticity Report

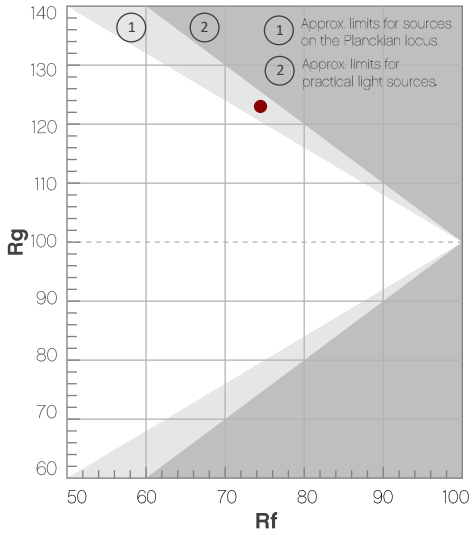
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration On

TM-30-18 Details

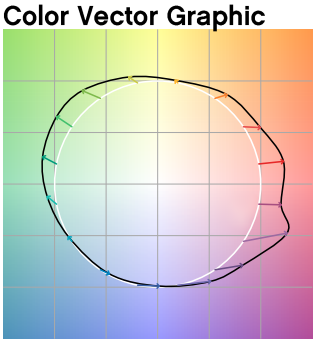
Rf 74.5
Fidelity Index (Rg)

Rg 123.0
Gamut Index (Rg)

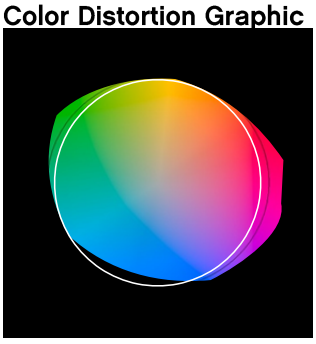
Hue Bin	R_f	Chroma Shift	Hue Shift
1	55	24%	-2%
2	74	13%	-10%
3	77	9%	-8%
4	92	2%	3%
5	81	7%	7%
6	73	16%	10%
7	73	18%	0%
8	74	15%	-4%
9	86	7%	-9%
10	87	0%	-6%
11	84	-2%	9%
12	70	-3%	21%
13	65	3%	32%
14	58	11%	25%
15	55	31%	30%
16	63	21%	4%

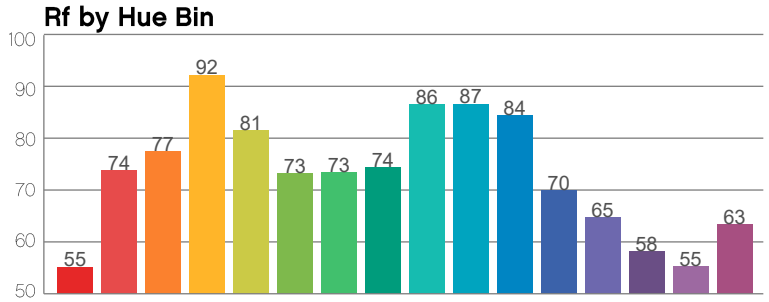


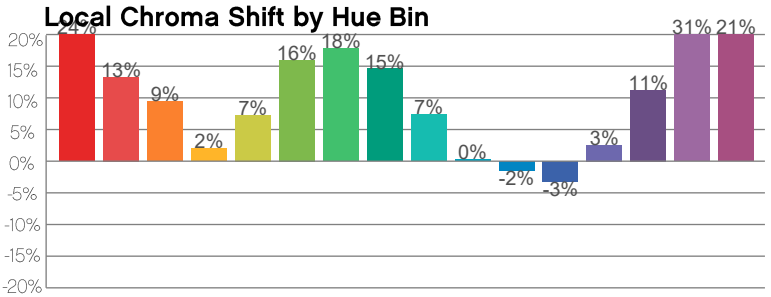
Color Vector Graphic

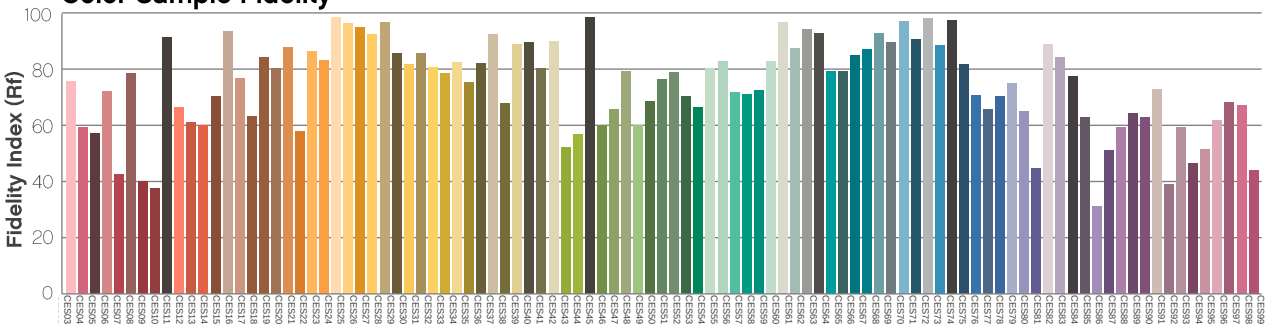


Color Distortion Graphic









Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off

Report Summary

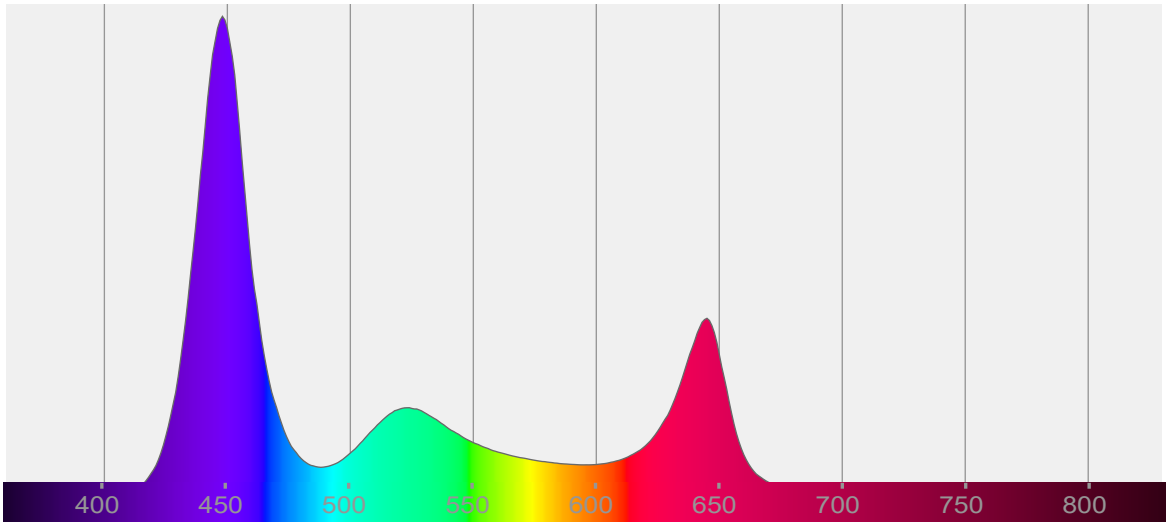
Measurements

Total Lumens: 7202 lm
Peak Intensity: 109782 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: 448 nM
2nd Dominant Wavelength: 645 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.238 Y: 0.170

Color Temperature

0 K

Light Quality

CRI: 0.0

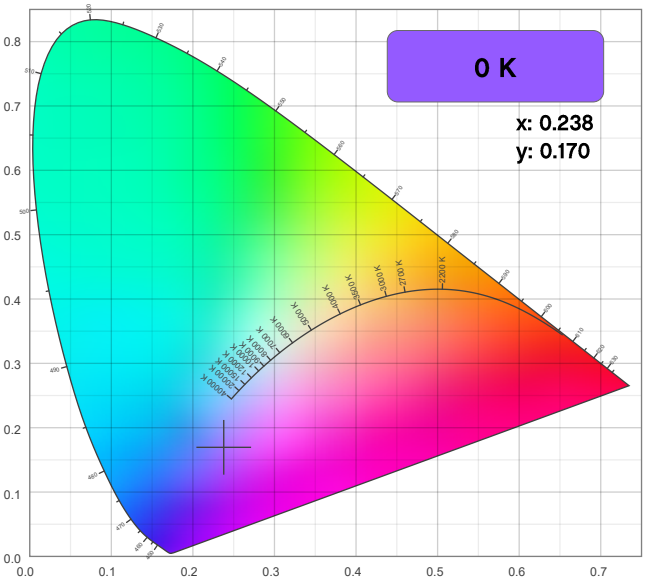
Notes:

Chromaticity Report

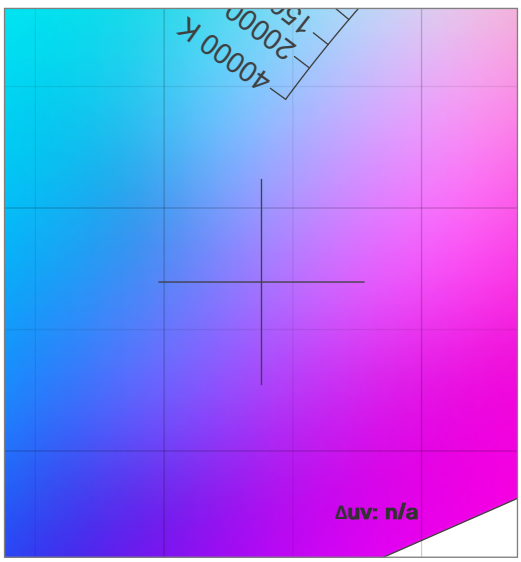
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off

Chromaticity

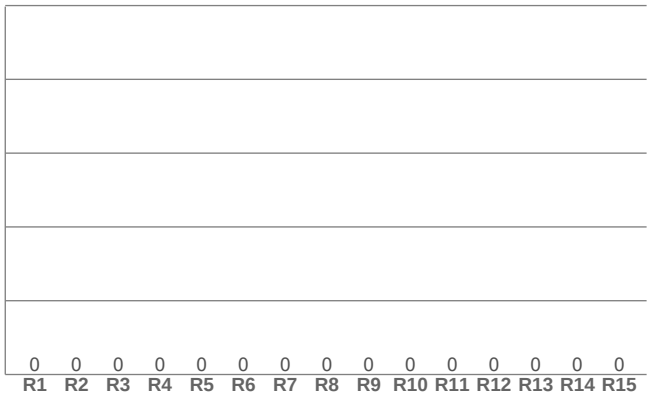
CIE 1931



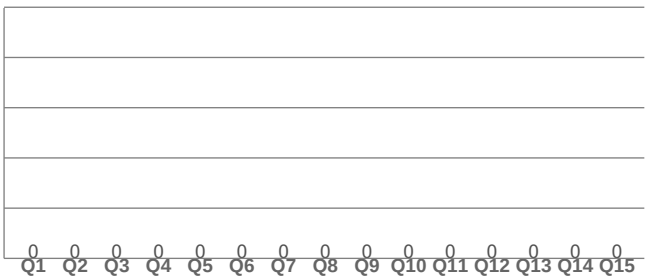
CIE 1931 - Zoom



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	0.238	0.170

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

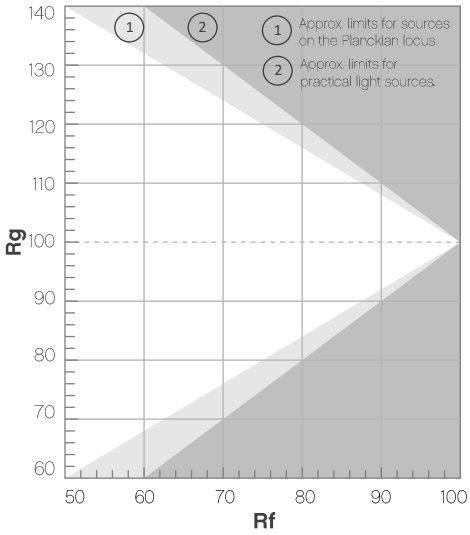
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off

TM-30-18 Details

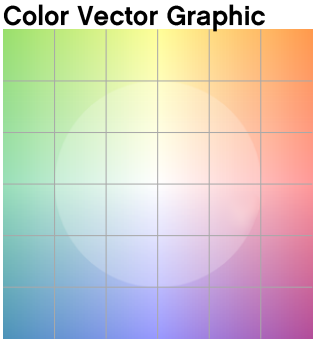
Rf 0.0
Fidelity Index (Rg)

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%

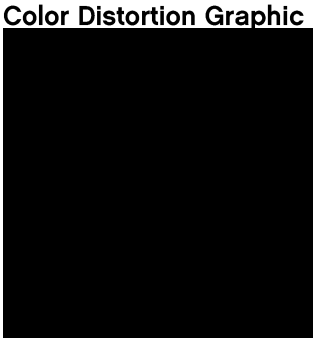


Color Vector Graphic



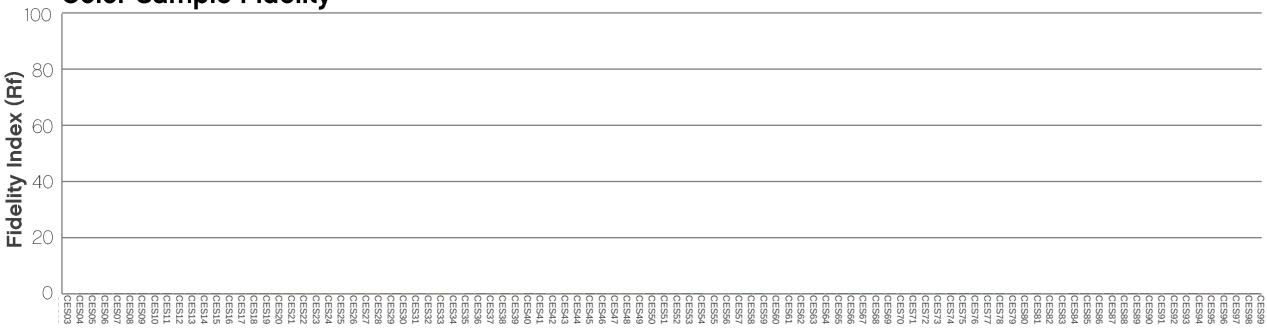
Rf by Hue Bin

Color Distortion Graphic



Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off - Stable

Report Summary

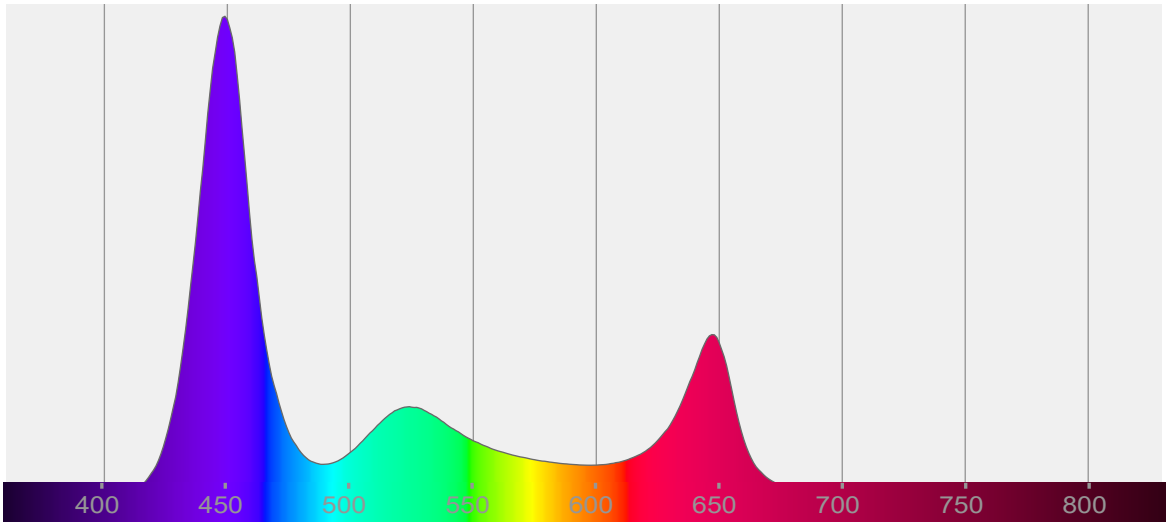
Measurements

Total Lumens: 6605 lm
Peak Intensity: 99119 cd
Fixture Efficacy: 17 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: 647 nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.232 Y: 0.168

Color Temperature

0 K

Light Quality

CRI: 0.0

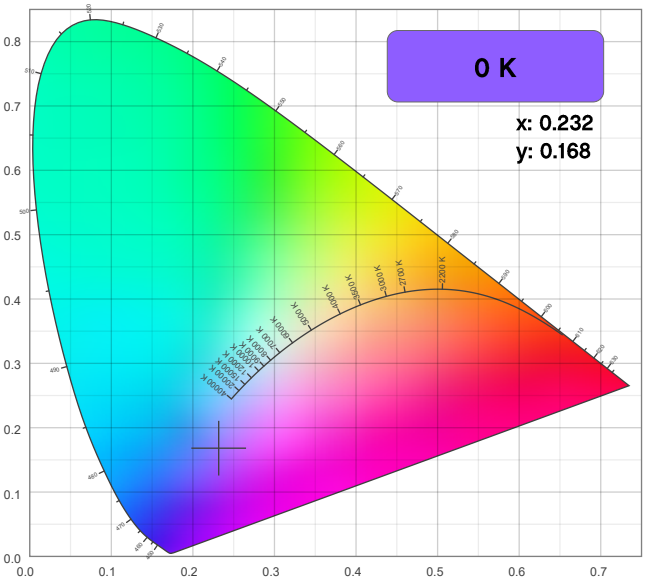
Notes:

Chromaticity Report

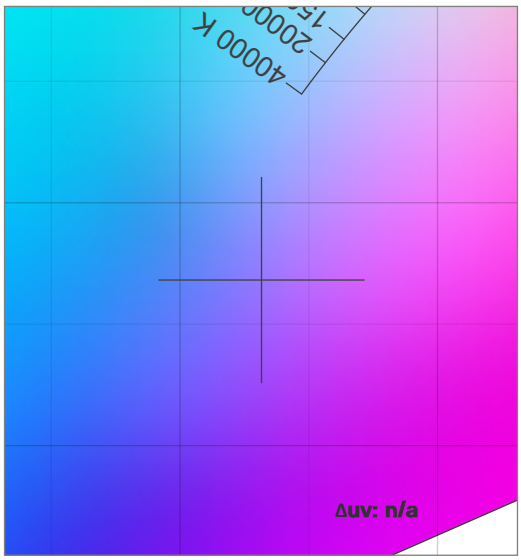
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off - Stable

Chromaticity

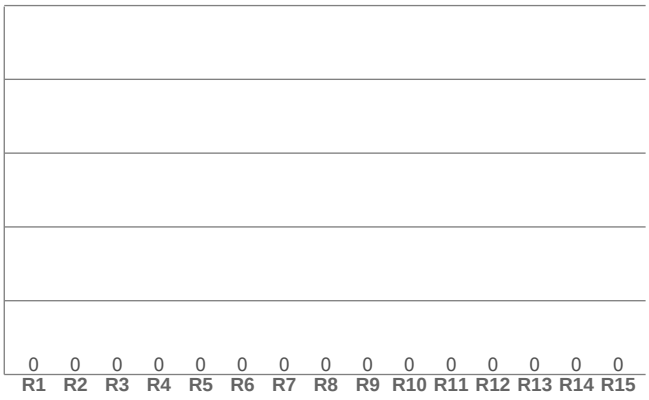
CIE 1931



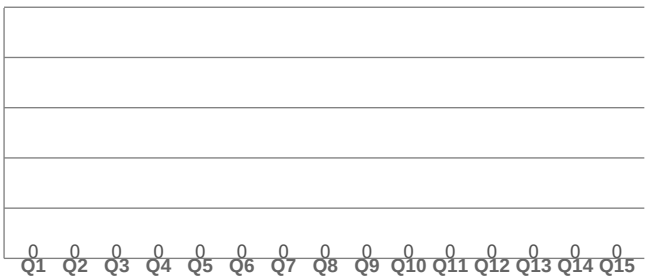
CIE 1931 - Zoom



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	0.168

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.168	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

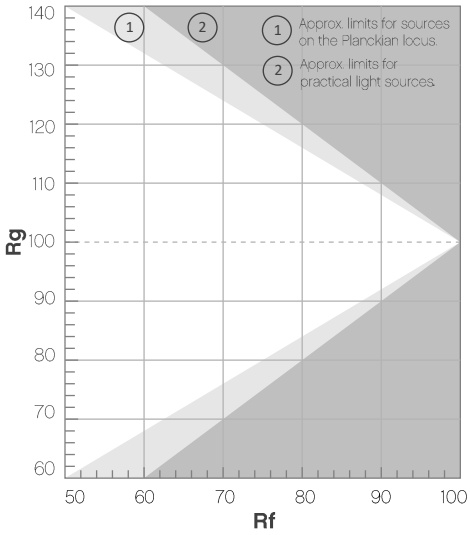
COLORado PXL Bar 16: 50% Zoom - Full Power - Calibration Off - Stable

TM-30-18 Details

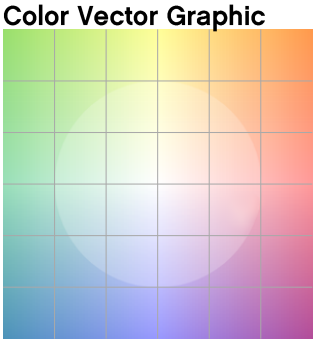
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

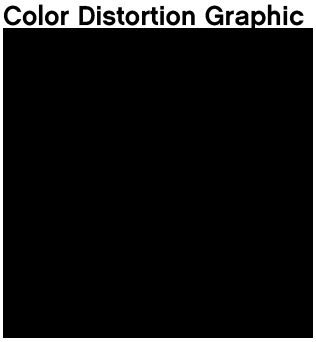
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



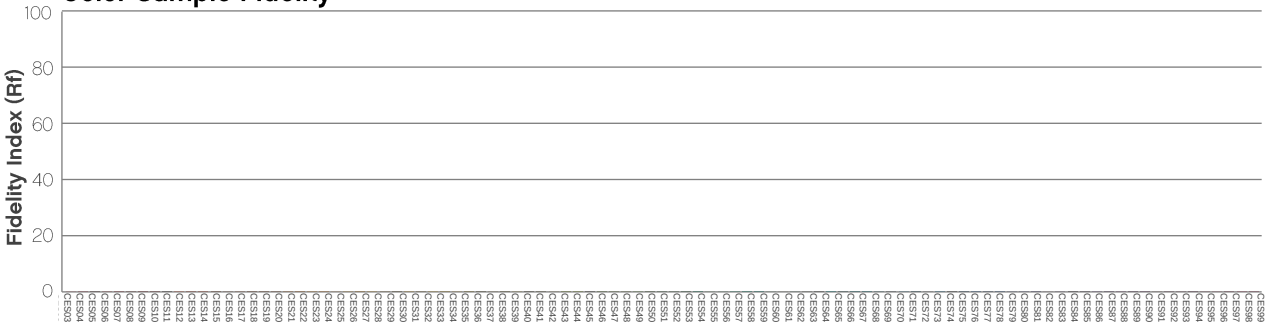
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration On

Report Summary

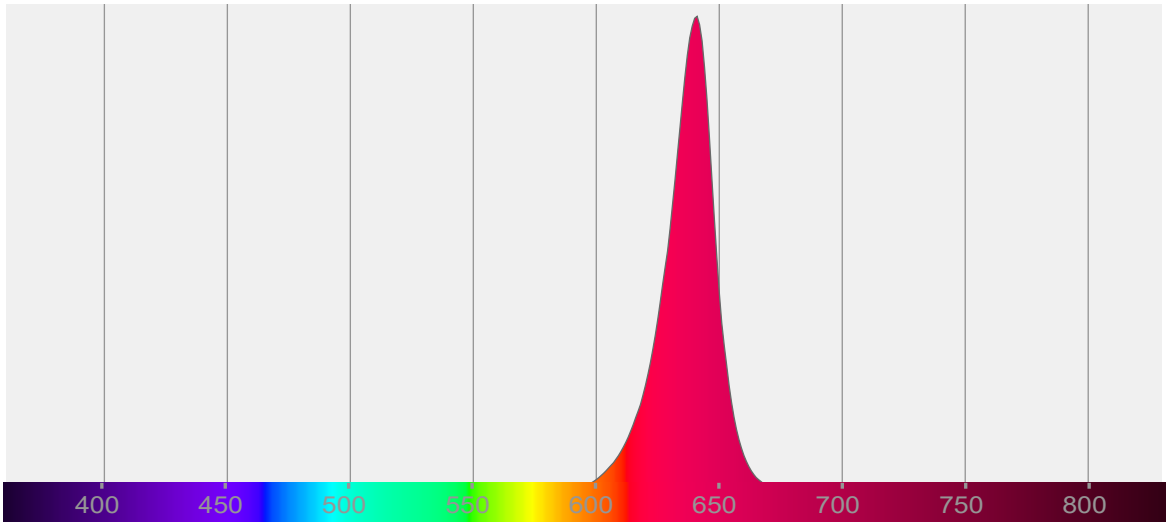
Measurements

Total Lumens: 1386 lm
Peak Intensity: 20244 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: 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

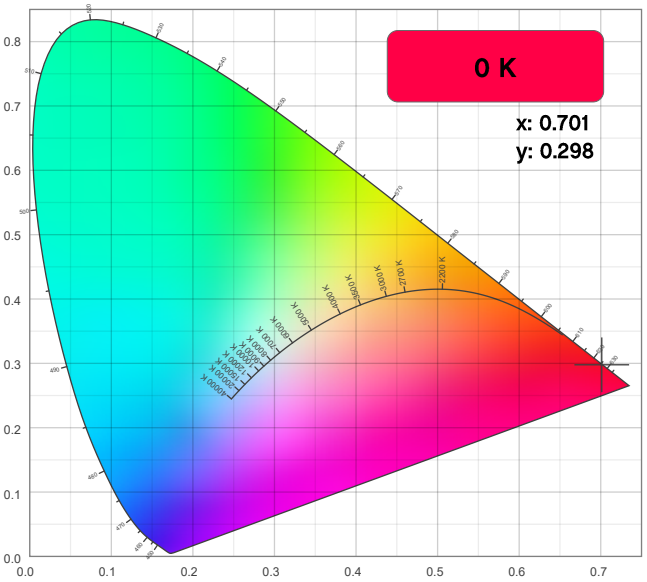
Notes:

Chromaticity Report

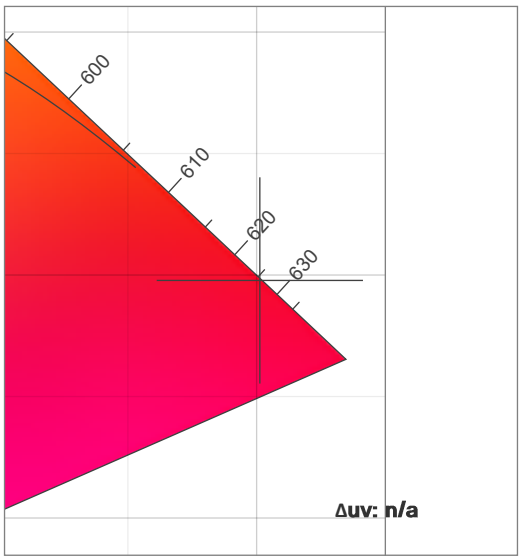
COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration On

Chromaticity

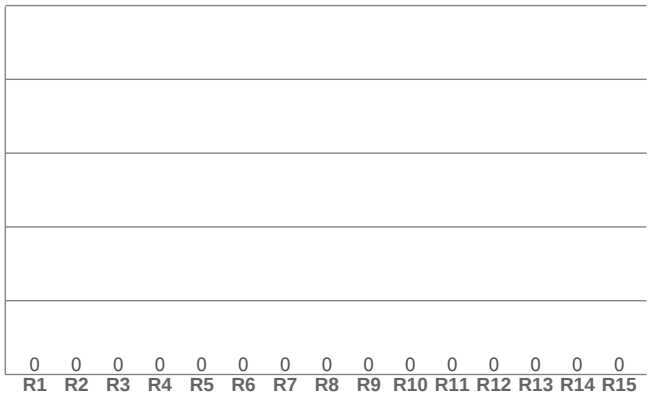
CIE 1931



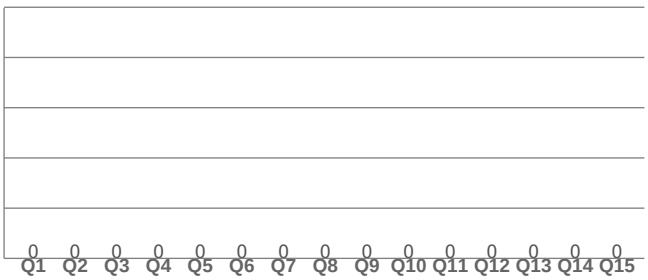
CIE 1931 - Zoom



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	0.542

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

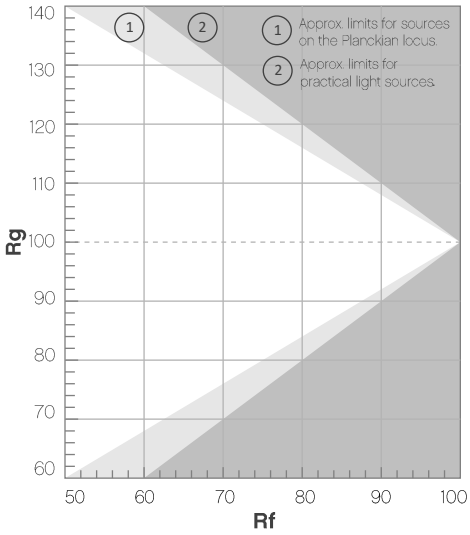
COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration On

TM-30-18 Details

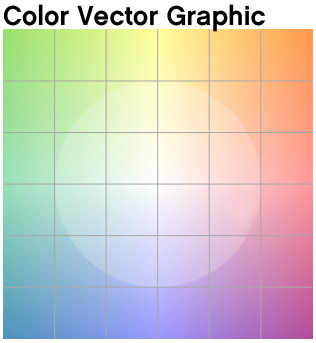
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

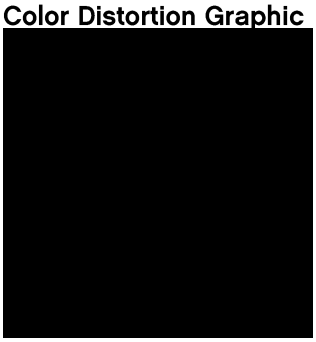
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



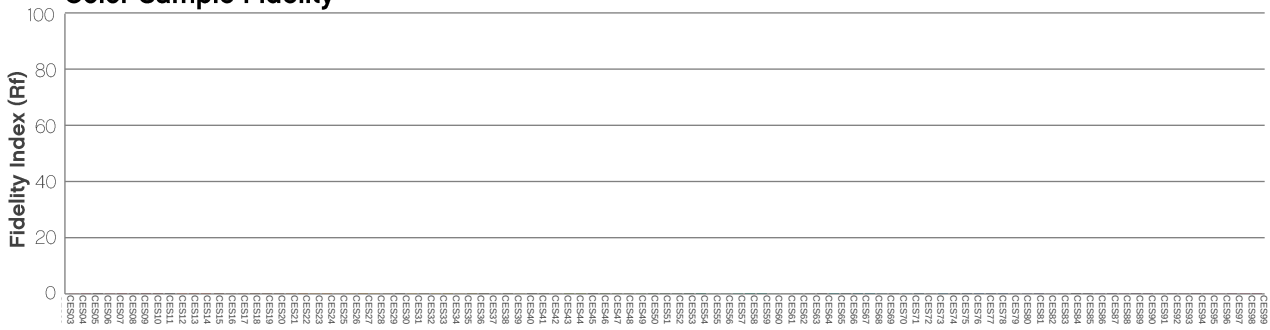
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration Off

Report Summary

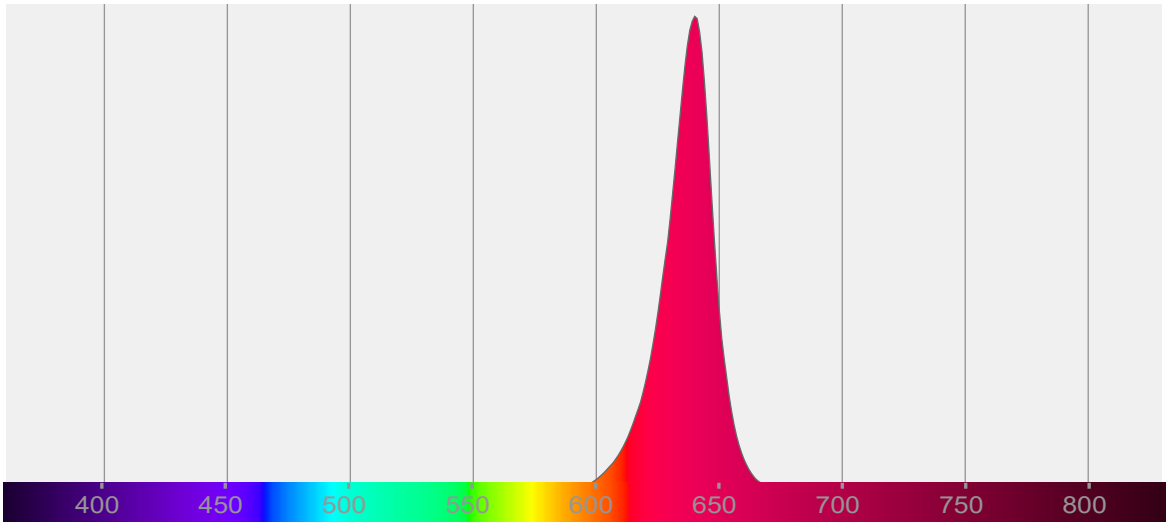
Measurements

Total Lumens: 1390 lm
Peak Intensity: 20810 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: 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

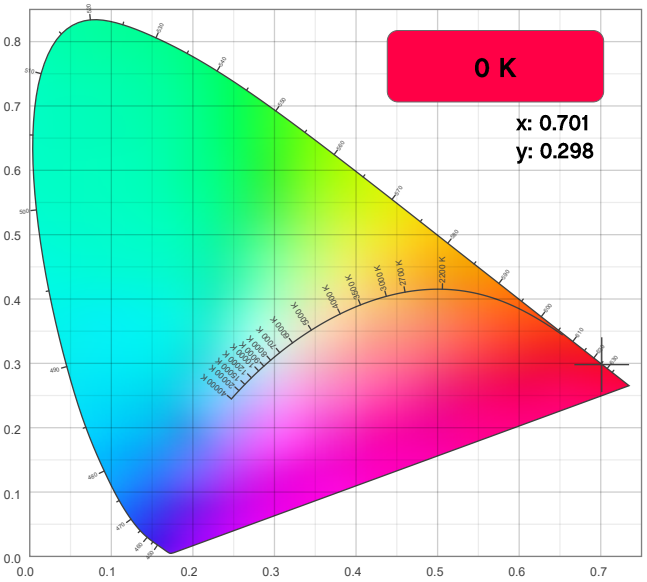
Notes:

Chromaticity Report

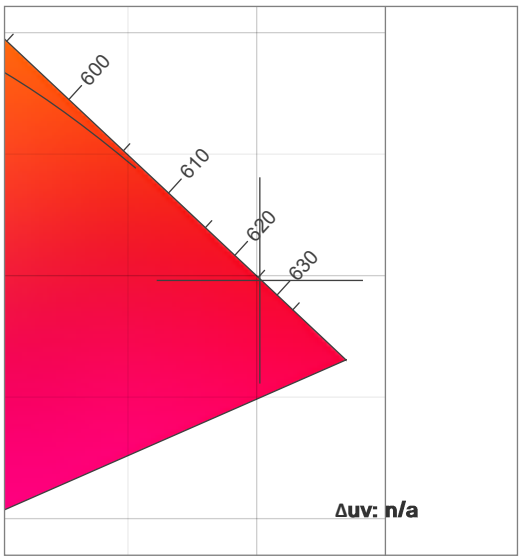
COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration Off

Chromaticity

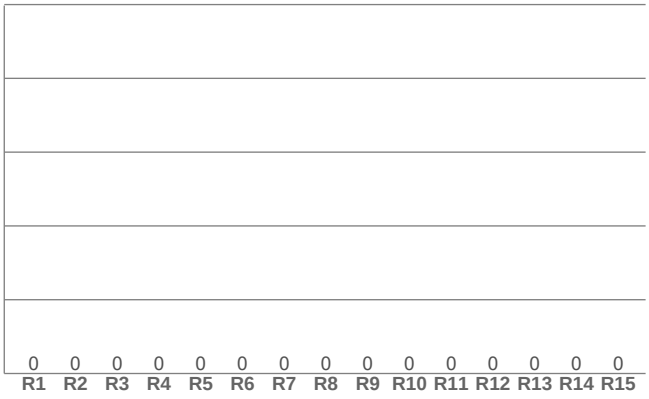
CIE 1931



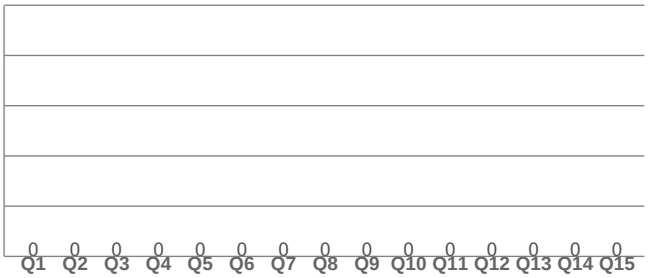
CIE 1931 - Zoom



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

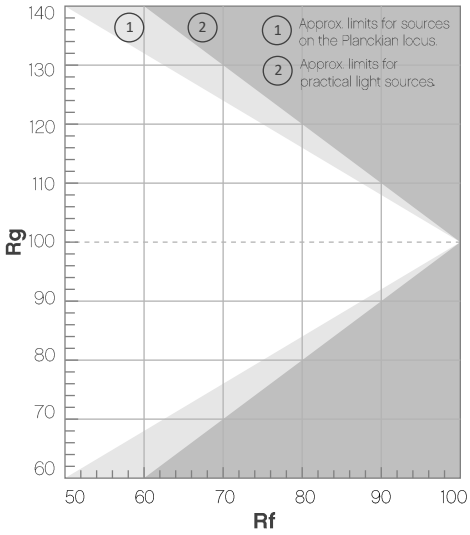
COLORado PXL Bar 16: 50% Zoom - Red Only - Calibration Off

TM-30-18 Details

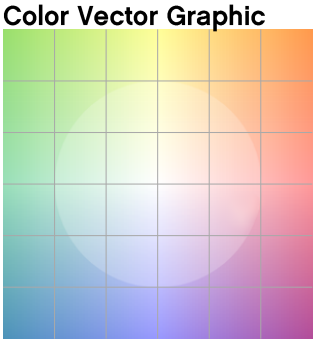
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

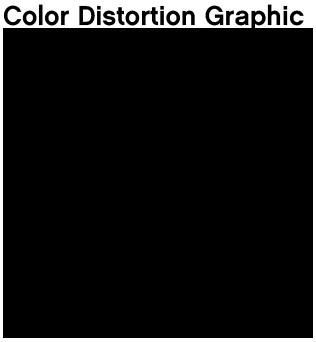
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



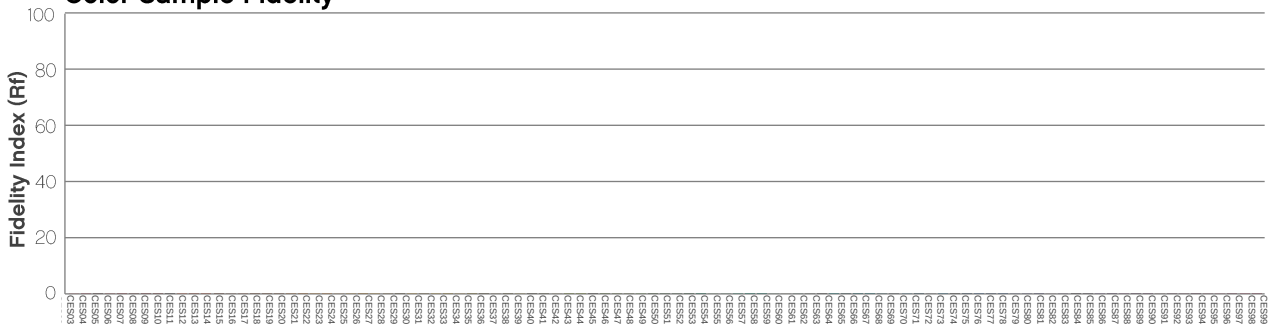
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration On

Report Summary

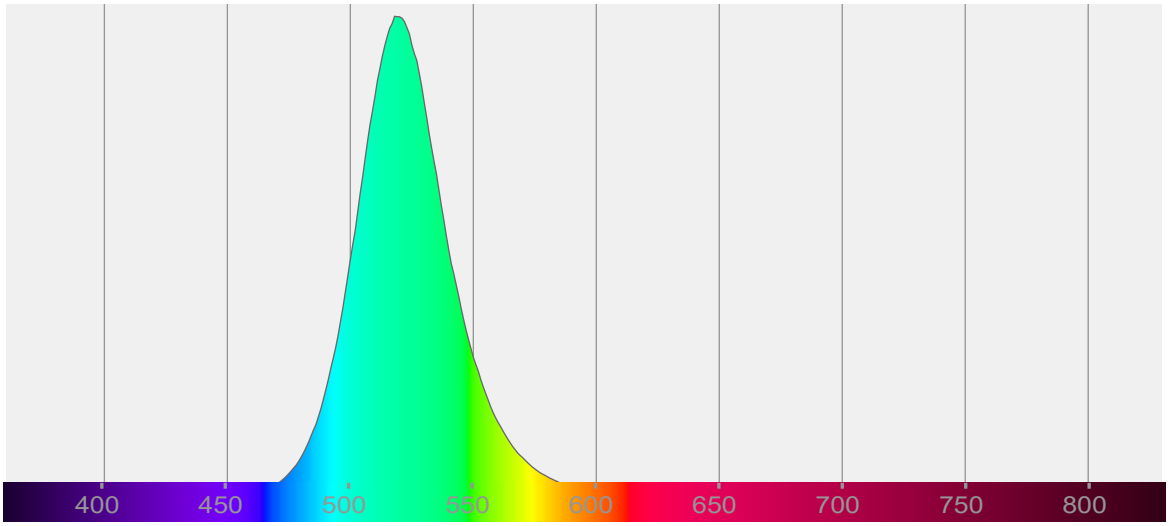
Measurements

Total Lumens: 2330 lm
Peak Intensity: 37137 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: 518 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K
CIE 1931 Coordinates:
X: 0.167 Y: 0.696

Color Temperature

0 K

Light Quality

CRI: 0.0

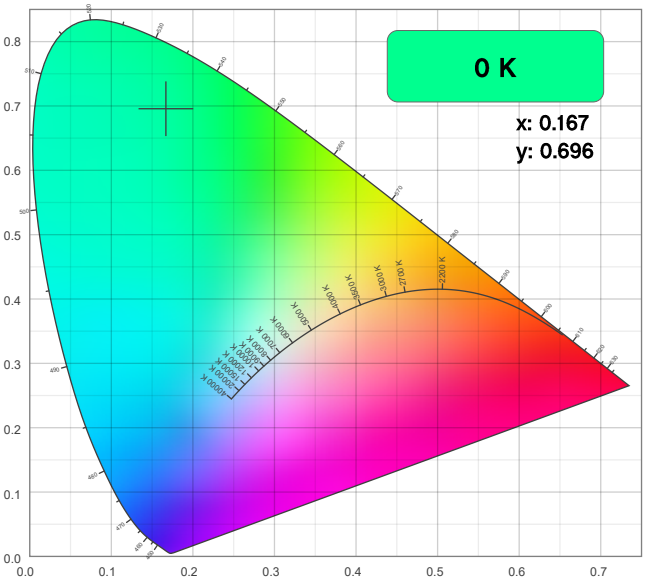
Notes:

Chromaticity Report

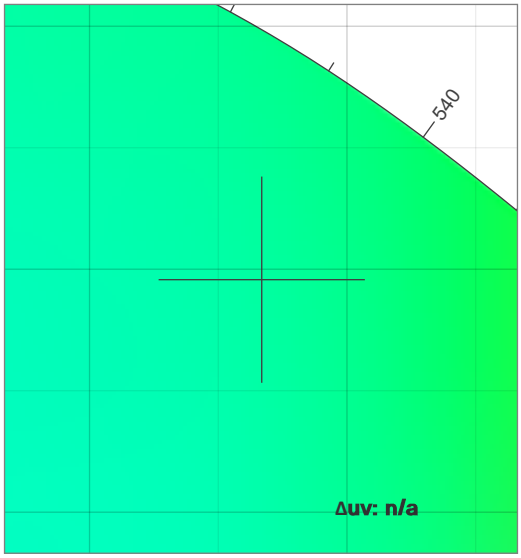
COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration On

Chromaticity

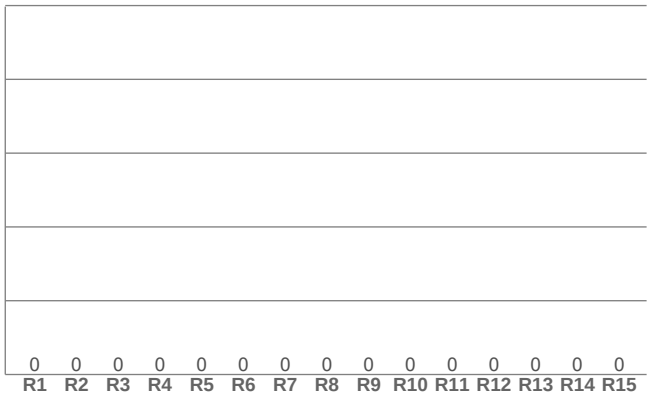
CIE 1931



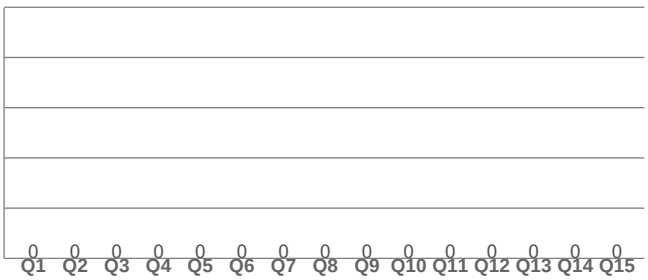
CIE 1931 - Zoom



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	0.696

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.696	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

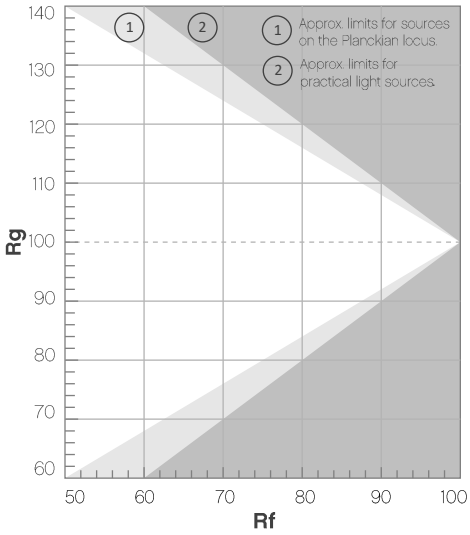
COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration On

TM-30-18 Details

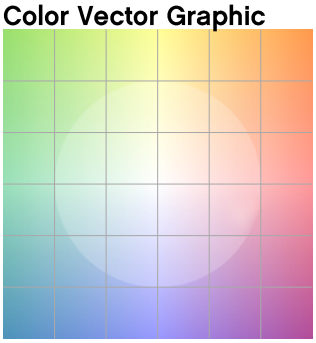
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

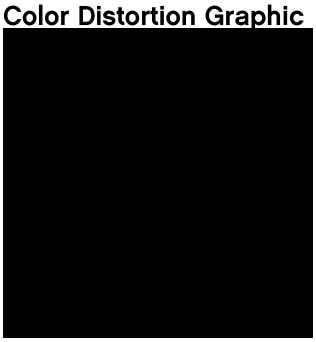
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



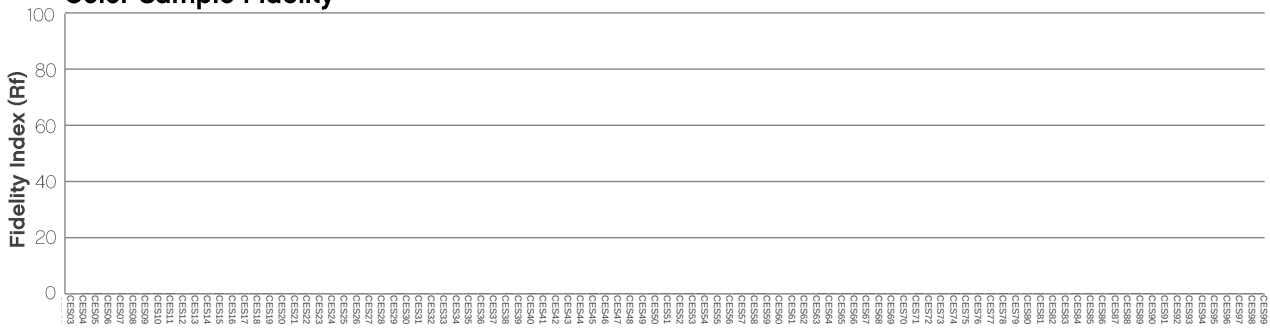
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration Off

Report Summary

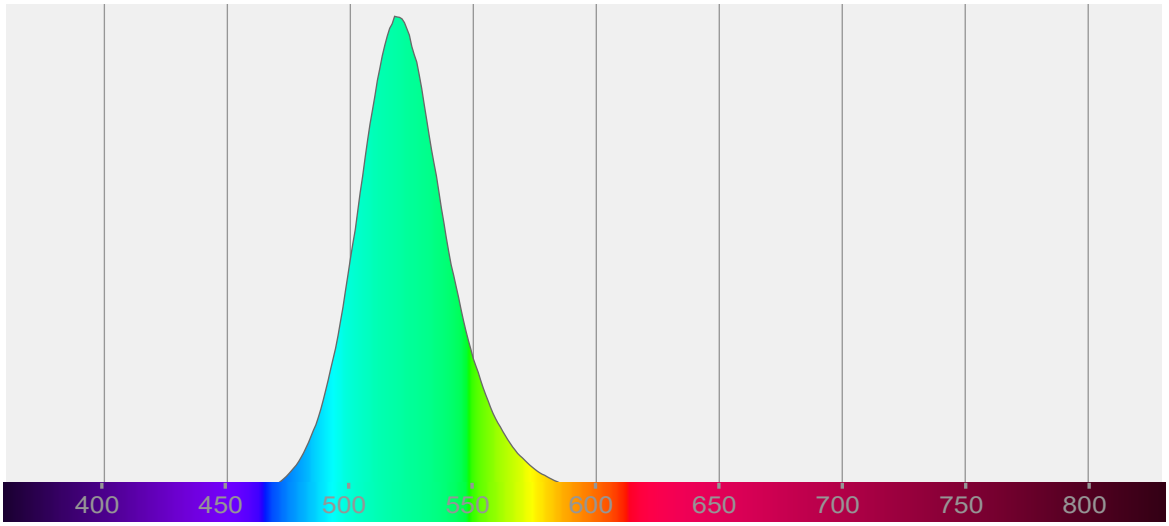
Measurements

Total Lumens: 2416 lm
Peak Intensity: 37266 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: 518 nM
2nd Dominant Wavelength: n/a nM

Spectral Distribution



Tested Color

0 K

CIE 1931 Coordinates:
X: 0.166 Y: 0.696

Color Temperature

0 K

Light Quality

CRI: 0.0

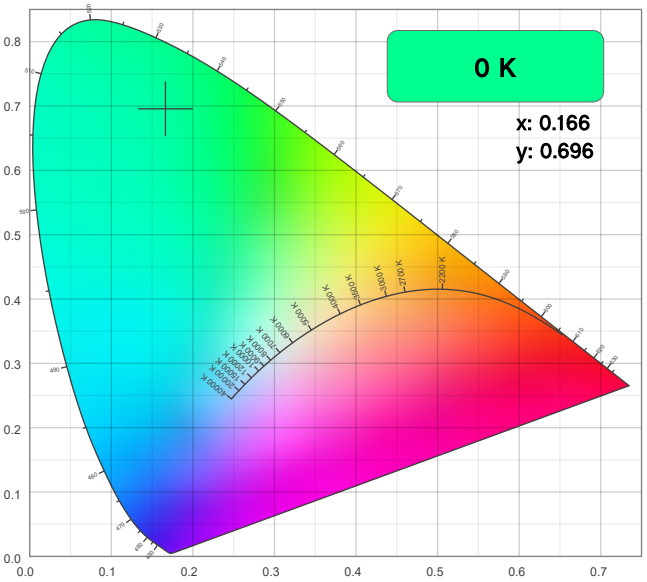
Notes:

Chromaticity Report

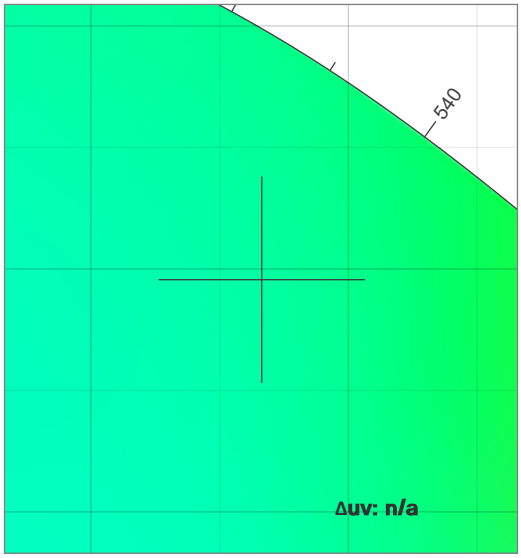
COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration Off

Chromaticity

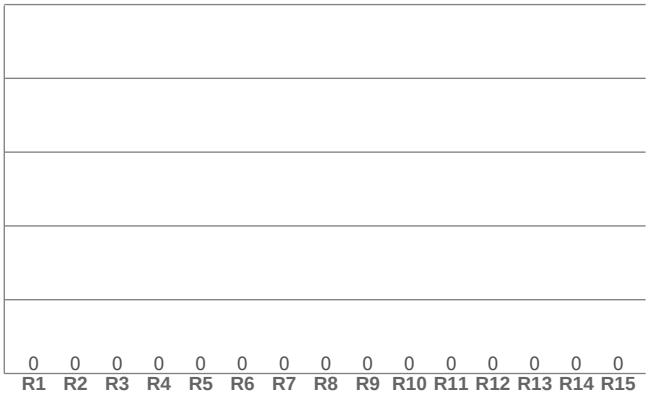
CIE 1931



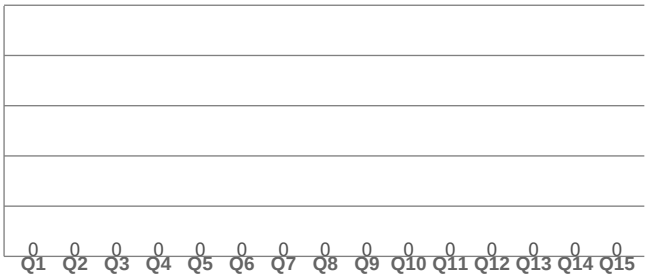
CIE 1931 - Zoom



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	0.166	0.696

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.696	0.060

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

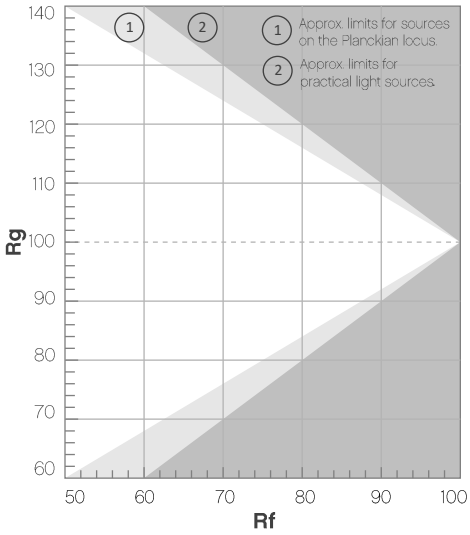
COLORado PXL Bar 16: 50% Zoom - Green Only - Calibration Off

TM-30-18 Details

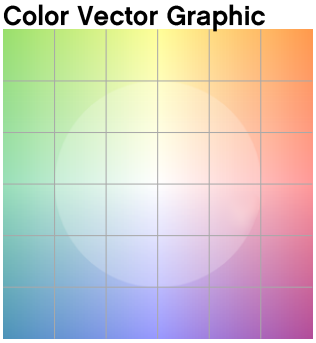
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

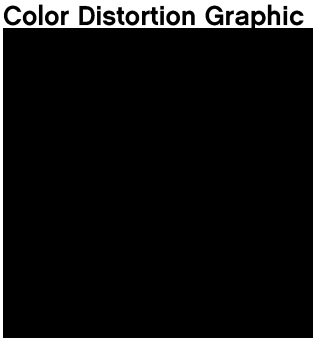
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



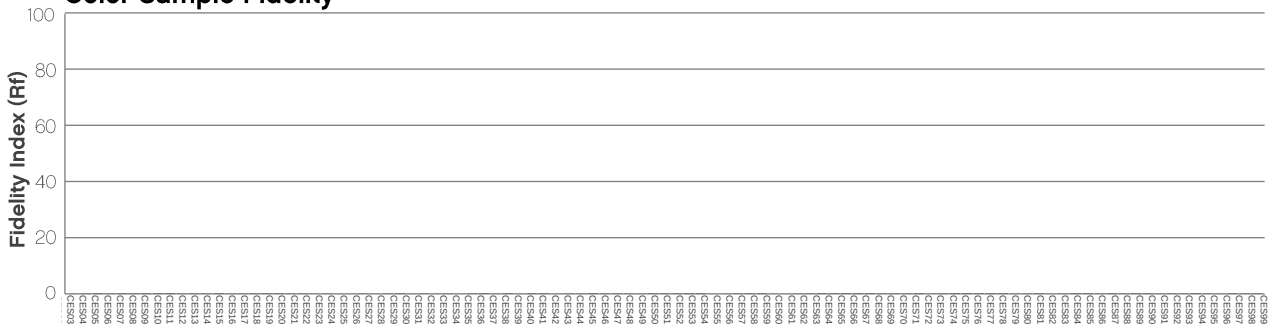
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration On

Report Summary

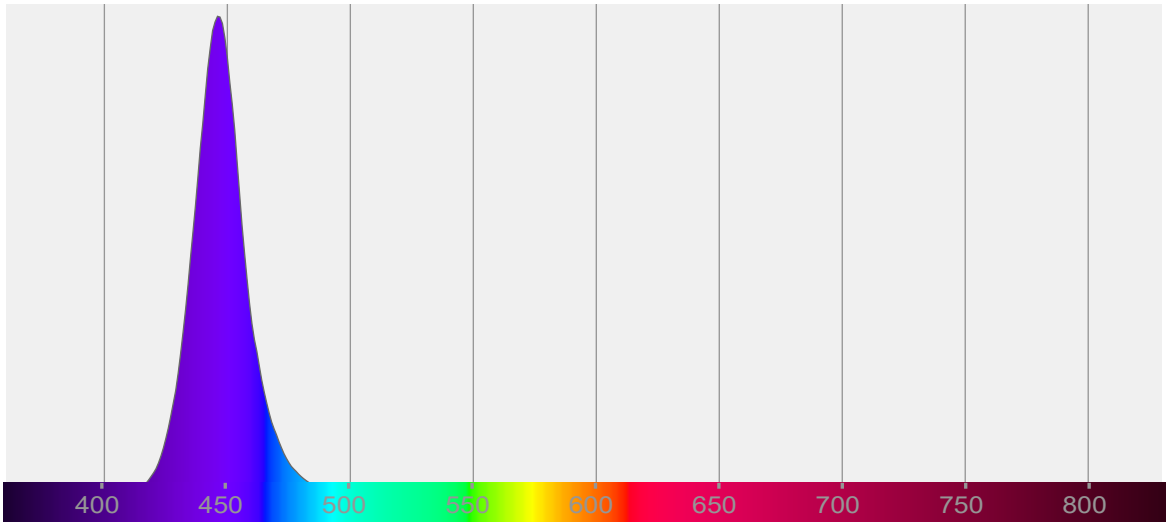
Measurements

Total Lumens: 794 lm
Peak Intensity: 11294 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

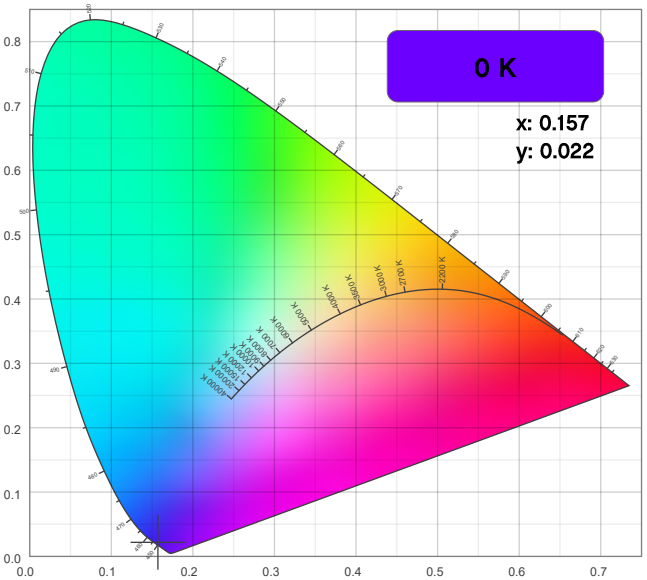
Notes:

Chromaticity Report

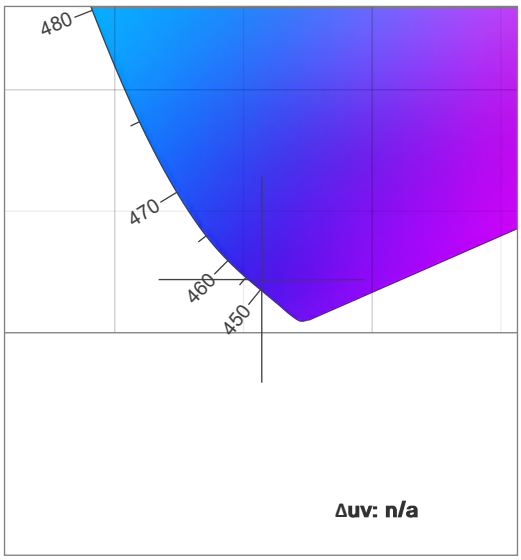
COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration On

Chromaticity

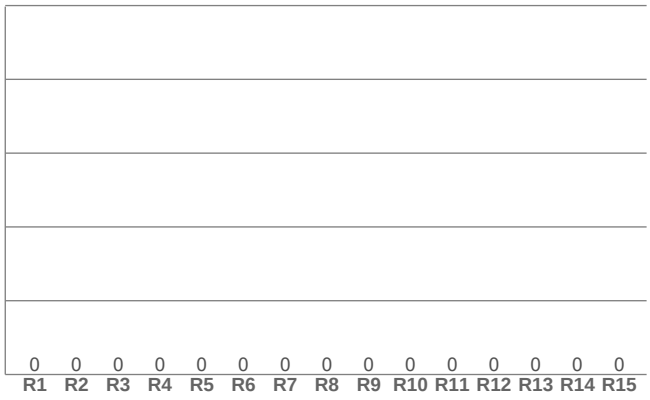
CIE 1931



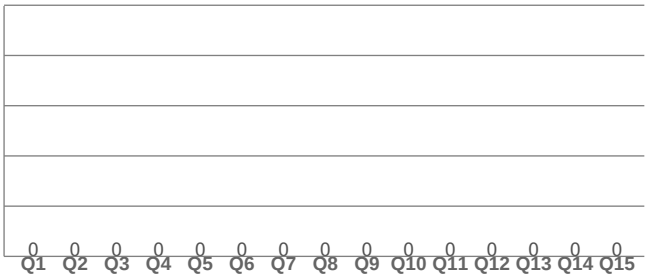
CIE 1931 - Zoom



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	0.213

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

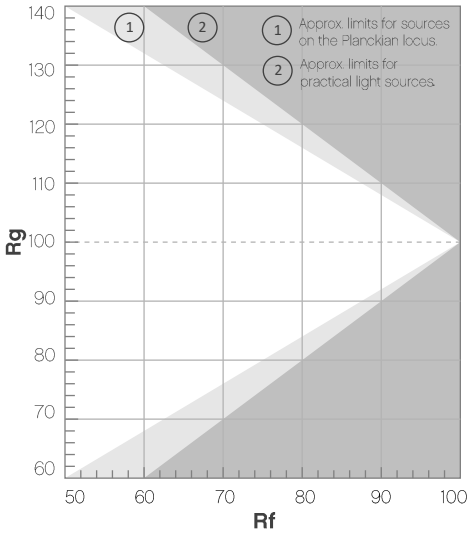
COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration On

TM-30-18 Details

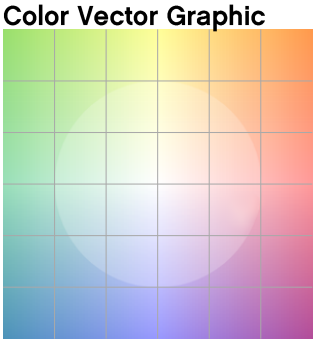
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

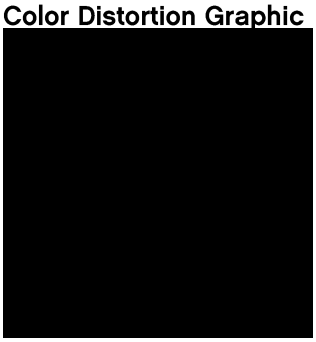
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



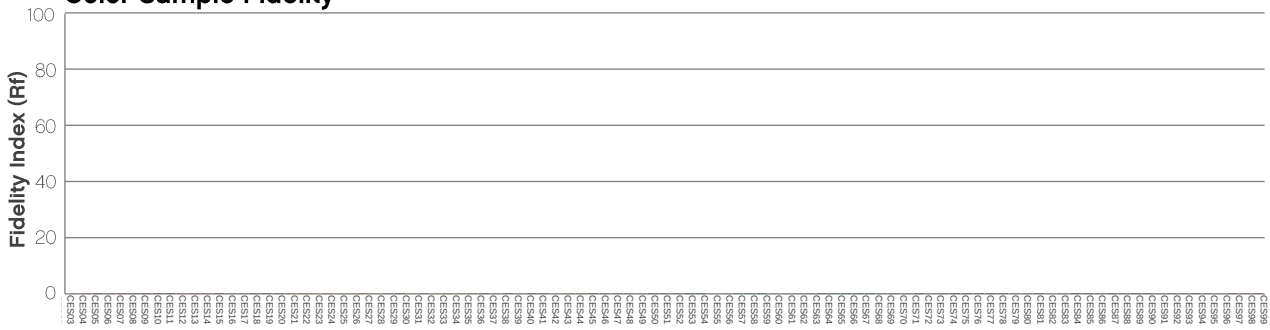
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration Off

Report Summary

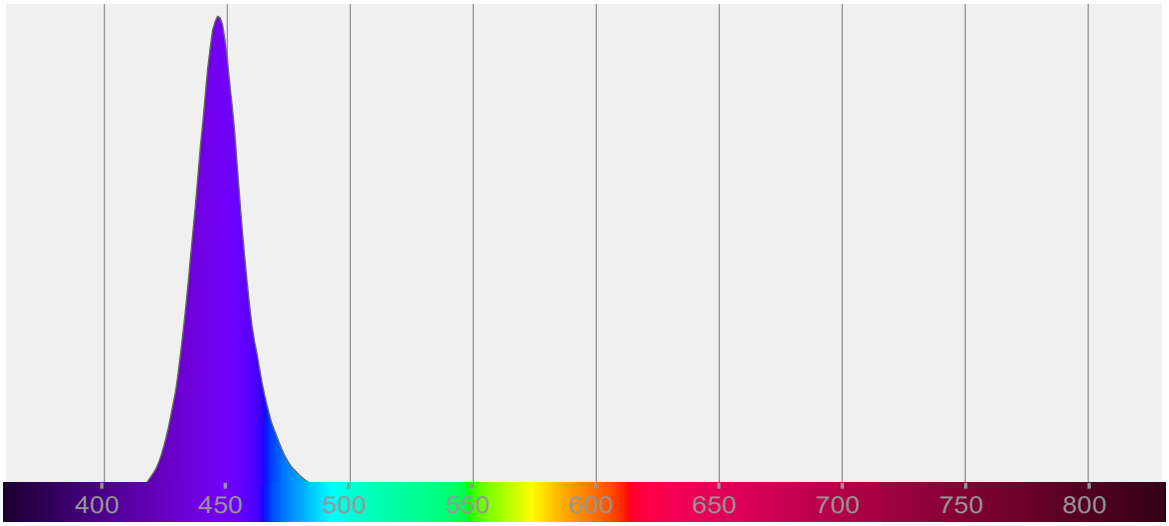
Measurements

Total Lumens: 781 lm
Peak Intensity: 11325 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

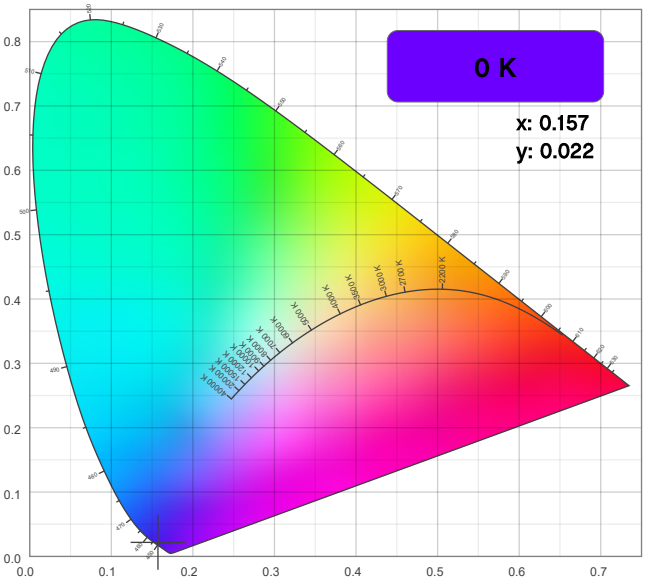
Notes:

Chromaticity Report

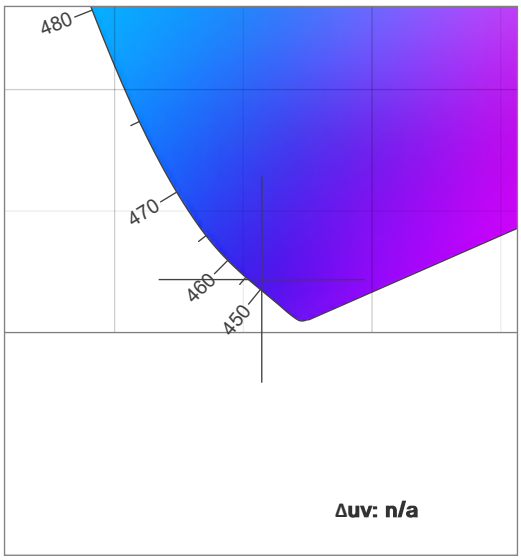
COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration Off

Chromaticity

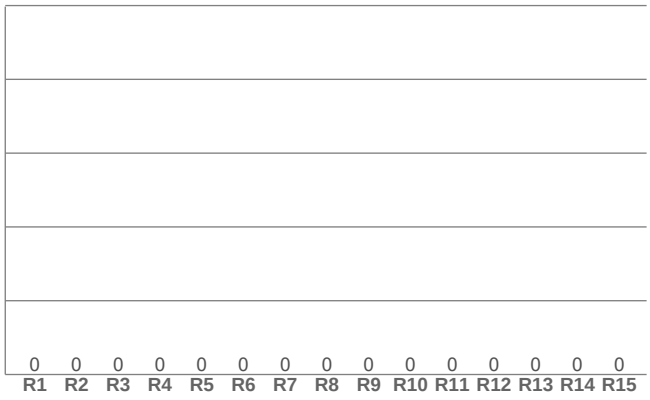
CIE 1931



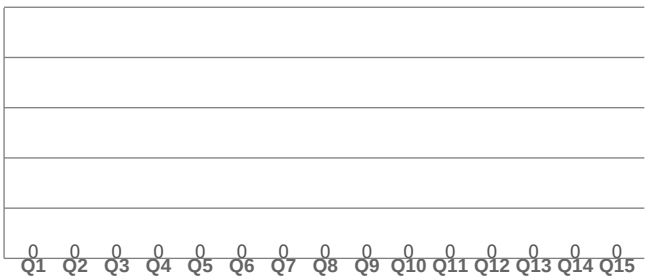
CIE 1931 - Zoom



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

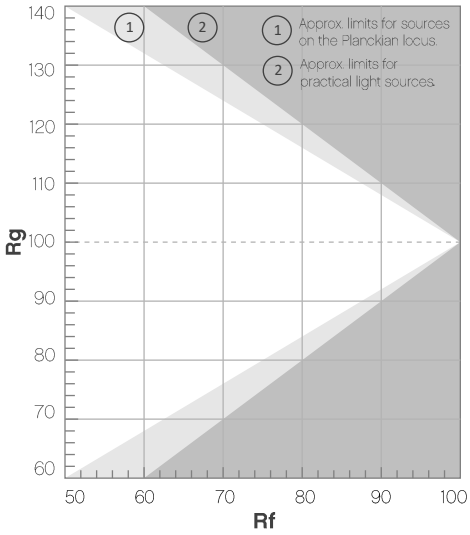
COLORado PXL Bar 16: 50% Zoom - Blue Only - Calibration Off

TM-30-18 Details

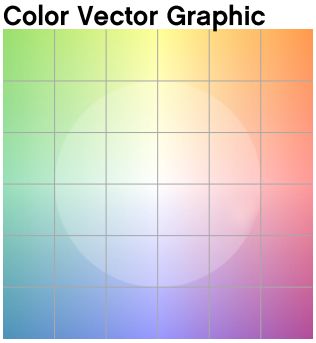
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

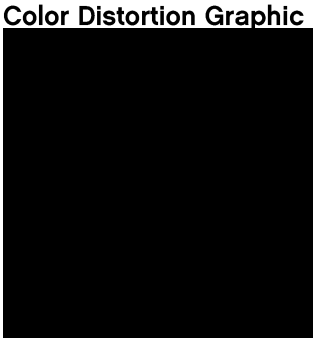
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



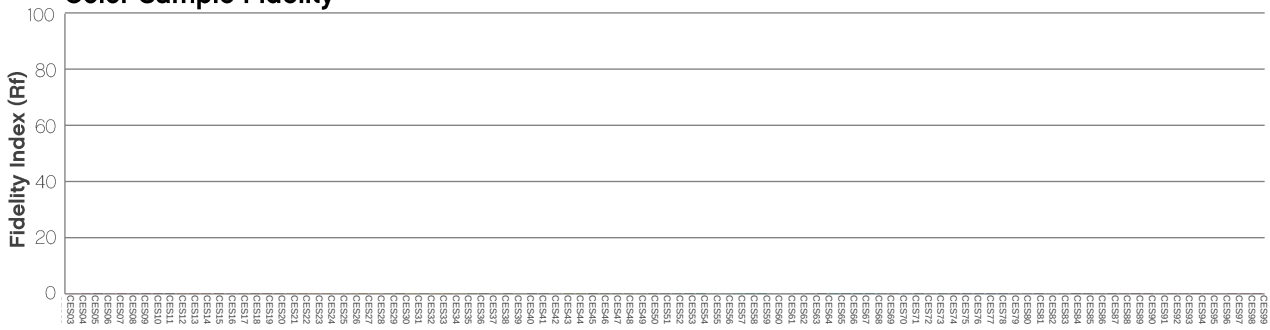
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - White Only - Calibration On

Report Summary

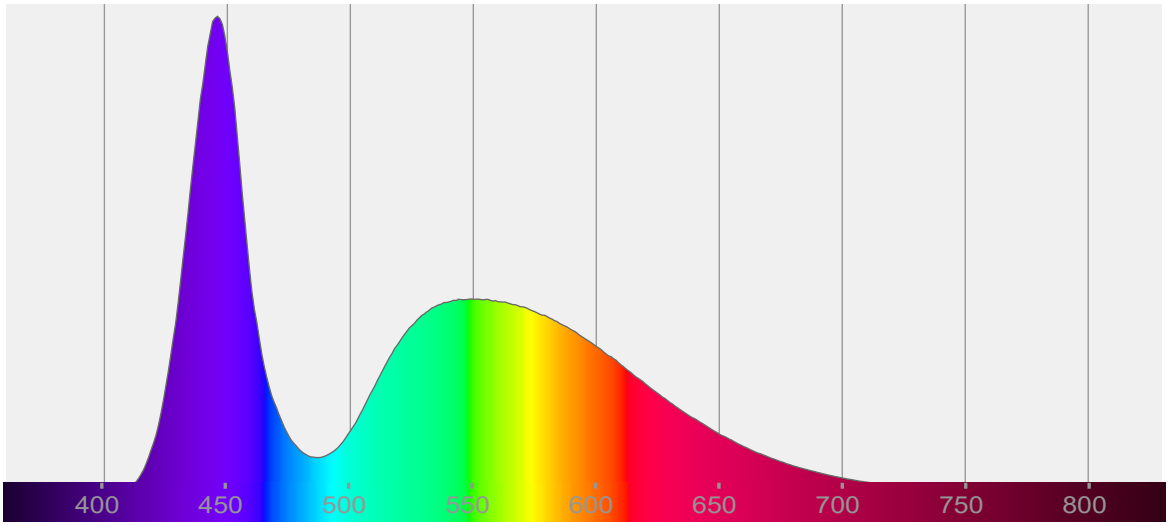
Measurements

Total Lumens: 3627 lm
Peak Intensity: 55195 cd
Fixture Efficacy: 11 lm/W

Correlated Color Temperature: 8218K
Δuv: -0.0116

CRI: 73.4 CRI R9 Value: 5.3
CQS: 67.4
TLCI: 46
TM-30-18 Rf: 68.8
TM-30-18 Rg: 96.8
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

8218 K
CIE 1931 Coordinates:
X: 0.297 Y: 0.291

Color Temperature

8218 K

Light Quality

CRI: 73.4

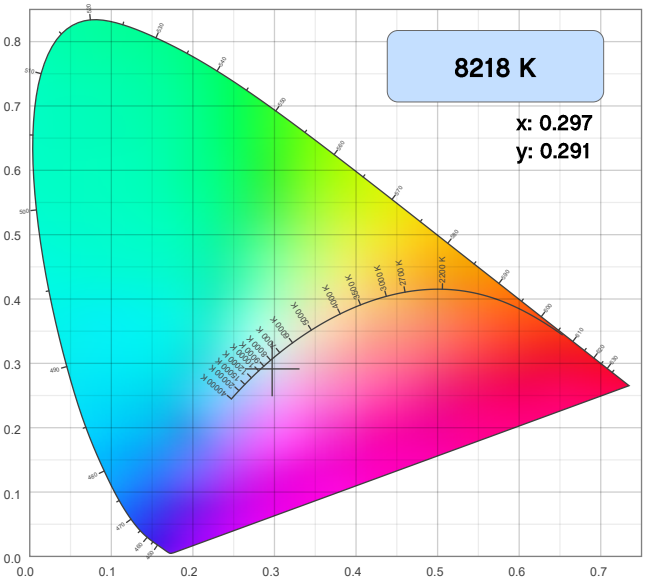
Notes:

Chromaticity Report

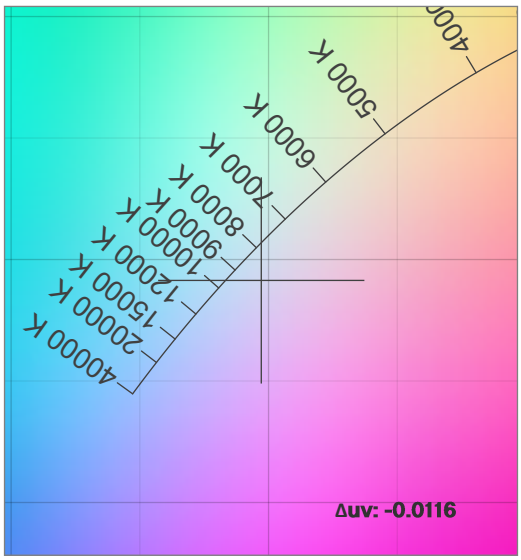
COLORado PXL Bar 16: 50% Zoom - White Only - Calibration On

Chromaticity

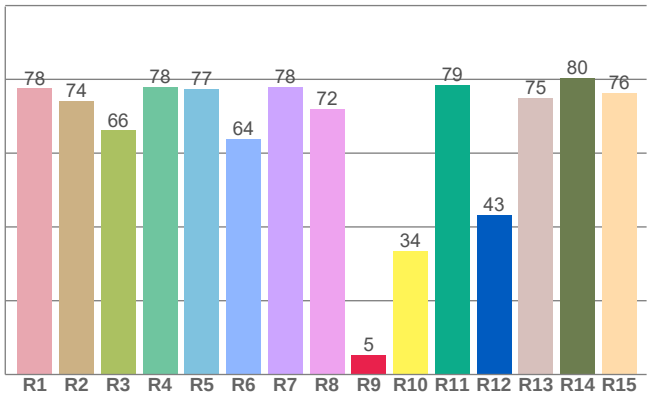
CIE 1931



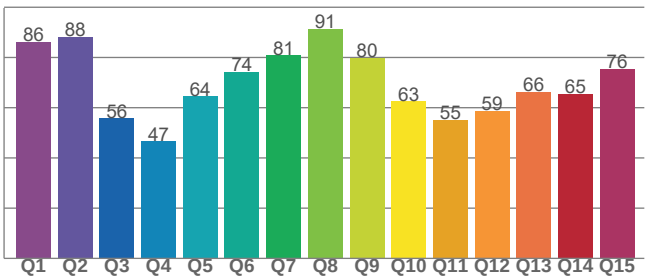
CIE 1931 - Zoom



CRI: 73.4 (R1-R8)



CQS: 67.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8218 K	0.297	0.291

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0116	0.291	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.4	5.3	67.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	68.8	96.8

Chromaticity Report

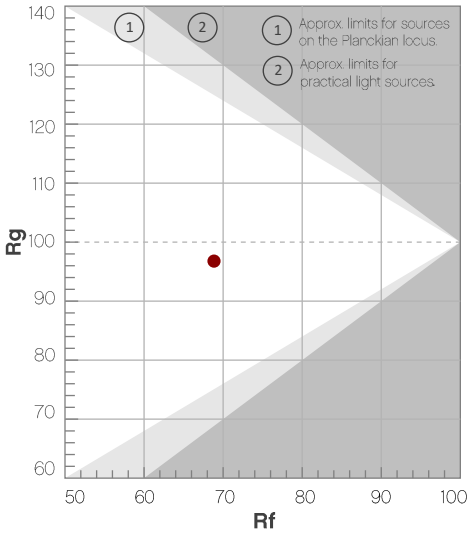
COLORado PXL Bar 16: 50% Zoom - White Only - Calibration On

TM-30-18 Details

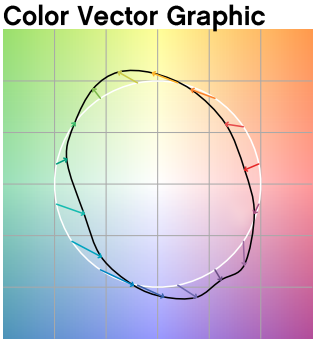
Rf 68.8
Fidelity Index (Rg)

Rg 96.8
Gamut Index (Rg)

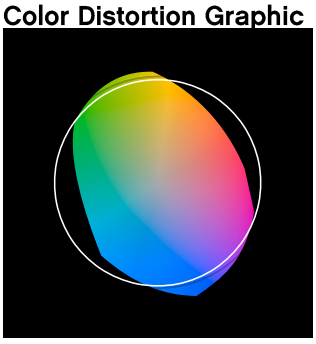
Hue Bin	R_f	Chroma Shift	Hue Shift
1	73	-15%	-3%
2	69	-13%	12%
3	62	-6%	24%
4	58	5%	26%
5	67	14%	16%
6	82	12%	1%
7	92	0%	-5%
8	80	-9%	-7%
9	74	-24%	14%
10	56	-15%	28%
11	30	-5%	35%
12	63	6%	27%
13	73	15%	16%
14	79	12%	-1%
15	74	13%	-18%
16	82	-3%	-9%



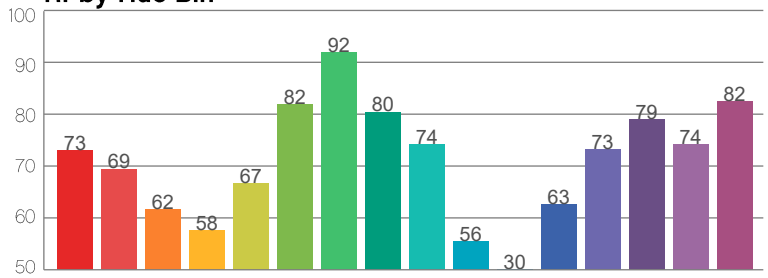
Color Vector Graphic



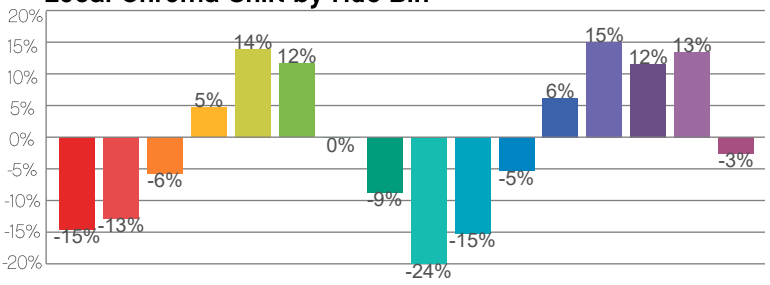
Color Distortion Graphic



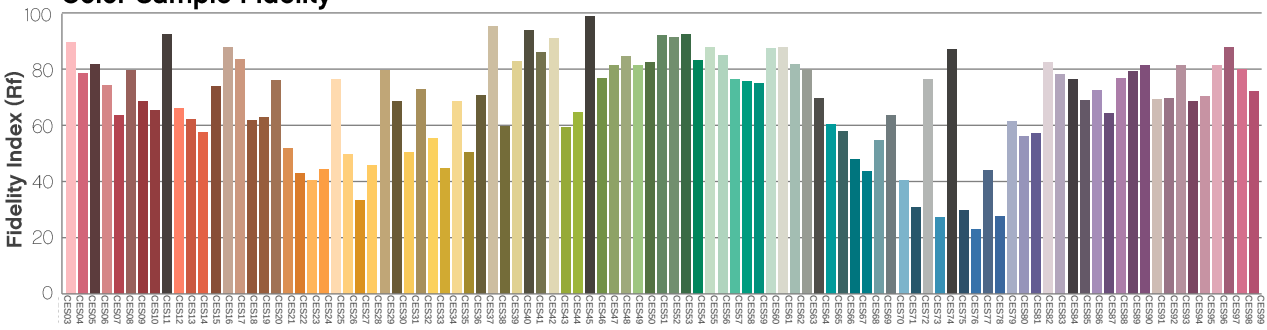
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - White Only - Calibration Off

Report Summary

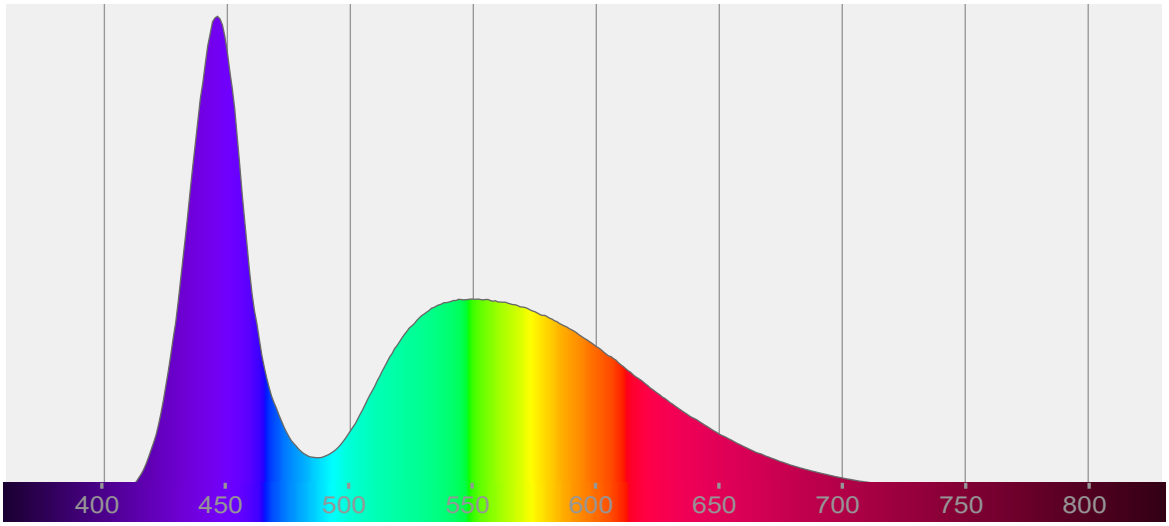
Measurements

Total Lumens: 3664 lm
Peak Intensity: 55144 cd
Fixture Efficacy: 11 lm/W

Correlated Color Temperature: 8210K
Δuv: -0.0116

CRI: 73.4 CRI R9 Value: 5.2
CQS: 67.4
TLCI: 46
TM-30-18 Rf: 68.8
TM-30-18 Rg: 96.8
1st Dominant Wavelength: 446 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

8210 K
CIE 1931 Coordinates:
X: 0.297 Y: 0.291

Color Temperature

8210 K

Light Quality

CRI: 73.4

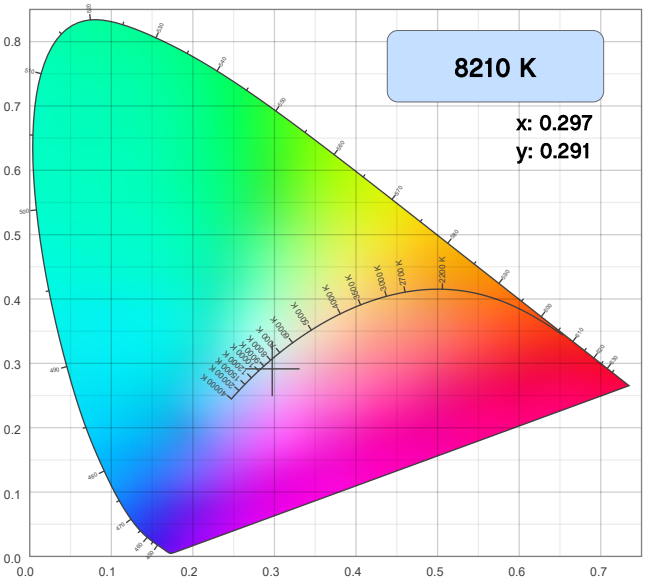
Notes:

Chromaticity Report

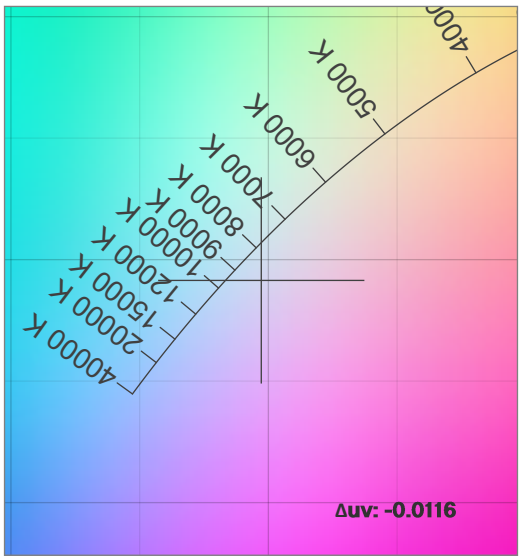
COLORado PXL Bar 16: 50% Zoom - White Only - Calibration Off

Chromaticity

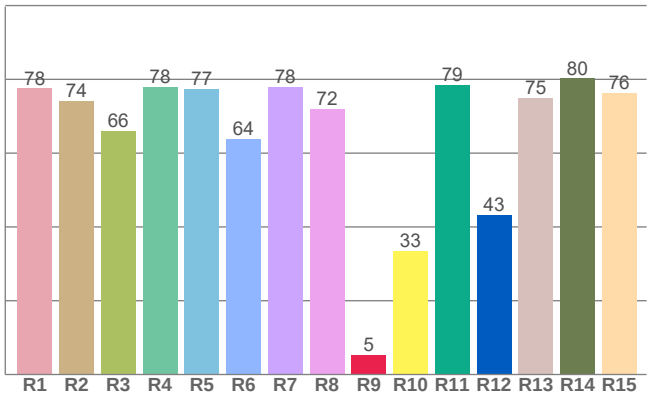
CIE 1931



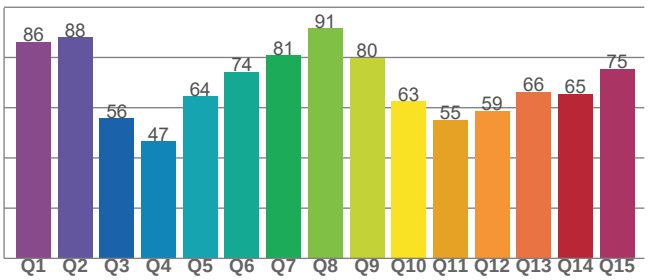
CIE 1931 - Zoom



CRI: 73.4 (R1-R8)



CQS: 67.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
8210 K	0.297	0.291

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0116	0.291	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
73.4	5.2	67.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
46	68.8	96.8

Chromaticity Report

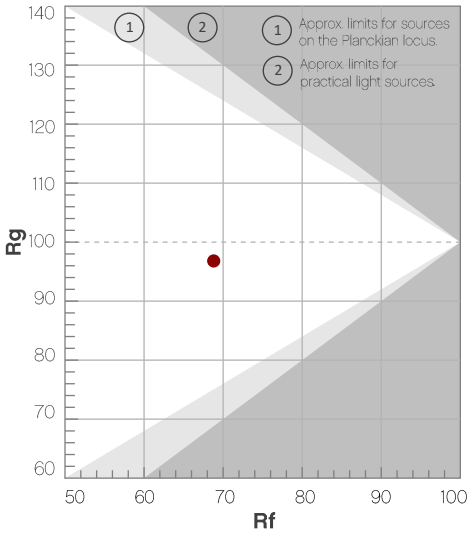
COLORado PXL Bar 16: 50% Zoom - White Only - Calibration Off

TM-30-18 Details

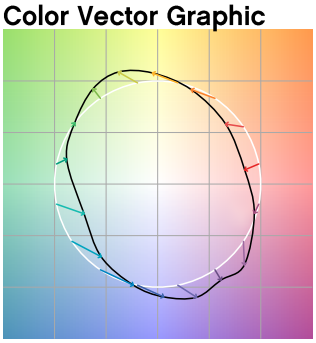
Rf 68.8
Fidelity Index (Rg)

Rg 96.8
Gamut Index (Rg)

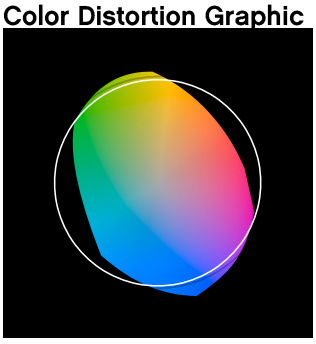
Hue Bin	R_f	Chroma Shift	Hue Shift
1	73	-15%	-3%
2	69	-13%	12%
3	62	-6%	24%
4	57	5%	26%
5	67	14%	16%
6	82	12%	1%
7	92	0%	-5%
8	80	-9%	-7%
9	74	-24%	14%
10	56	-15%	28%
11	30	-5%	35%
12	63	6%	27%
13	73	15%	16%
14	79	12%	-1%
15	74	13%	-18%
16	82	-3%	-9%



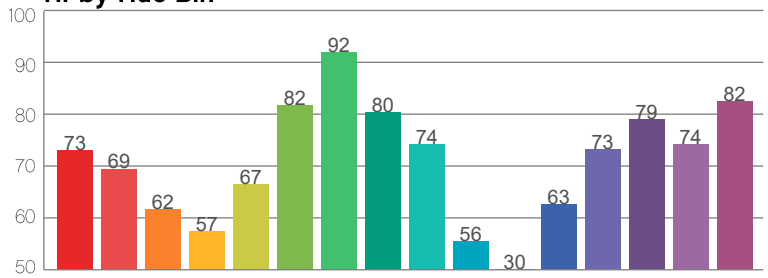
Color Vector Graphic



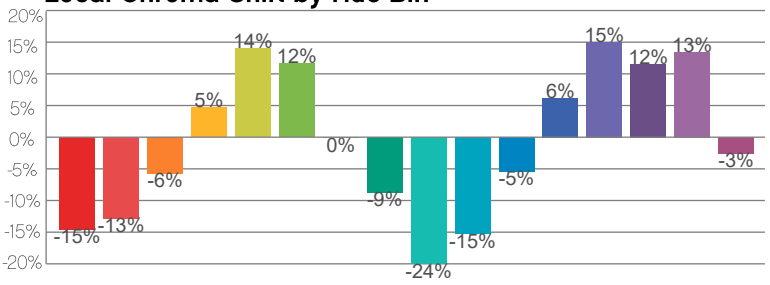
Color Distortion Graphic



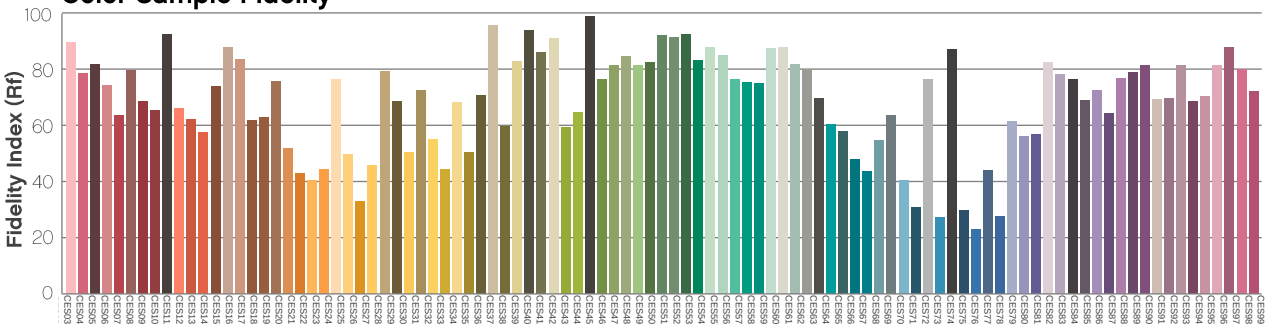
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration On

Report Summary

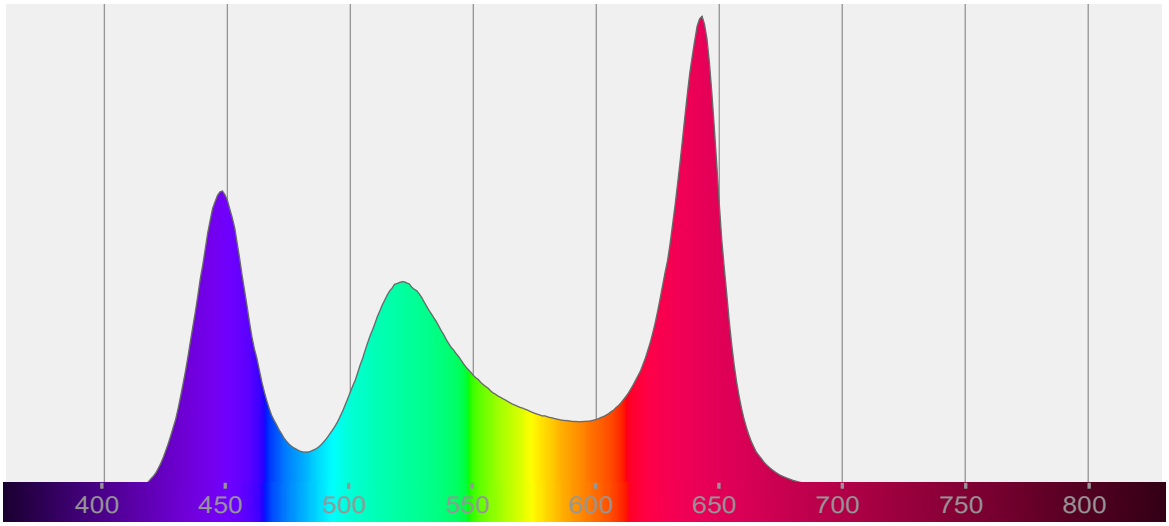
Measurements

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

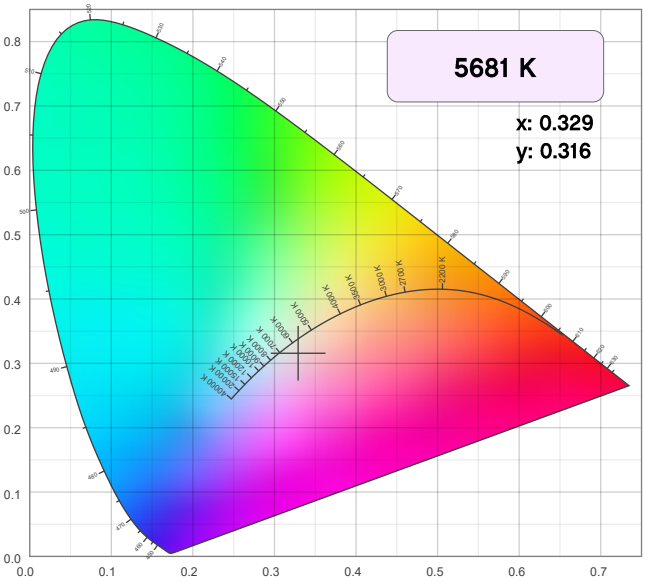
Notes:

Chromaticity Report

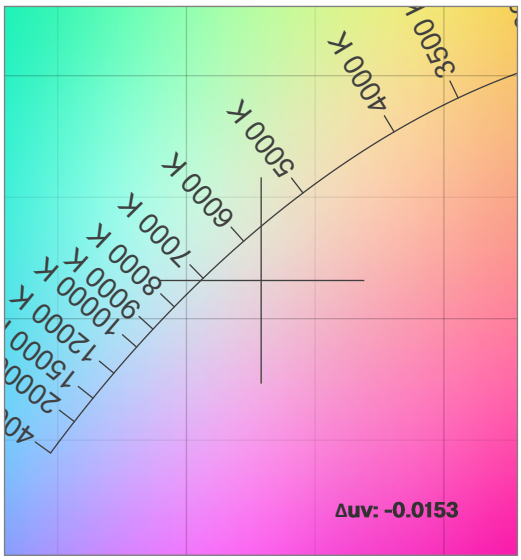
COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration On

Chromaticity

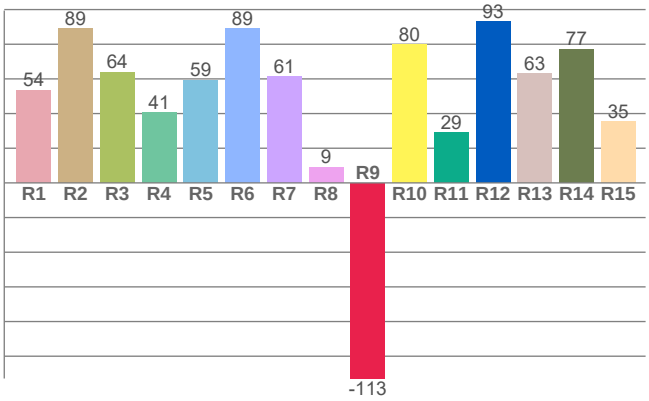
CIE 1931



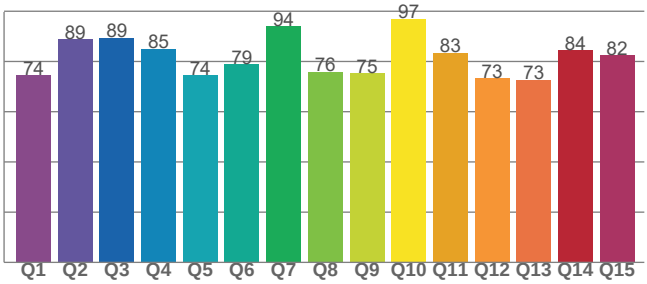
CIE 1931 - Zoom



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

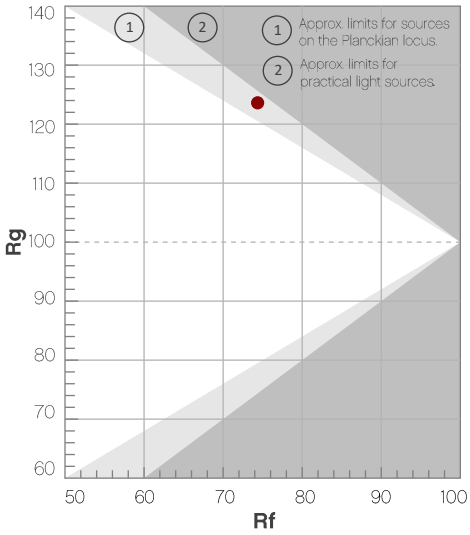
COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration On

TM-30-18 Details

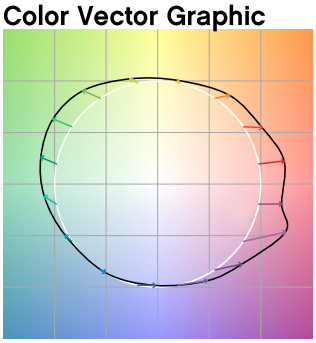
Rf 74.4
Fidelity Index (Rg)

Rg 123.6
Gamut Index (Rg)

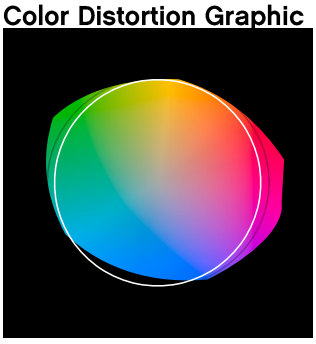
Hue Bin	R_f	Chroma Shift	Hue Shift
1	53	25%	-2%
2	71	15%	-11%
3	73	10%	-10%
4	92	2%	0%
5	84	5%	6%
6	75	16%	10%
7	69	20%	4%
8	72	16%	-3%
9	84	10%	-10%
10	83	2%	-8%
11	89	0%	5%
12	75	-3%	17%
13	68	1%	29%
14	59	10%	25%
15	56	29%	30%
16	62	22%	5%



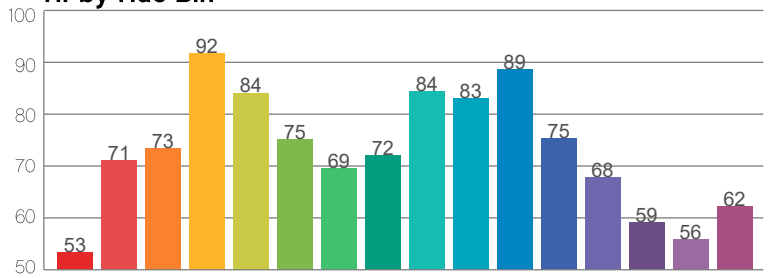
Color Vector Graphic



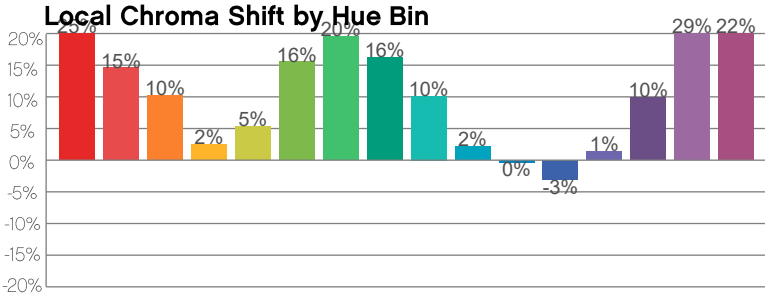
Color Distortion Graphic



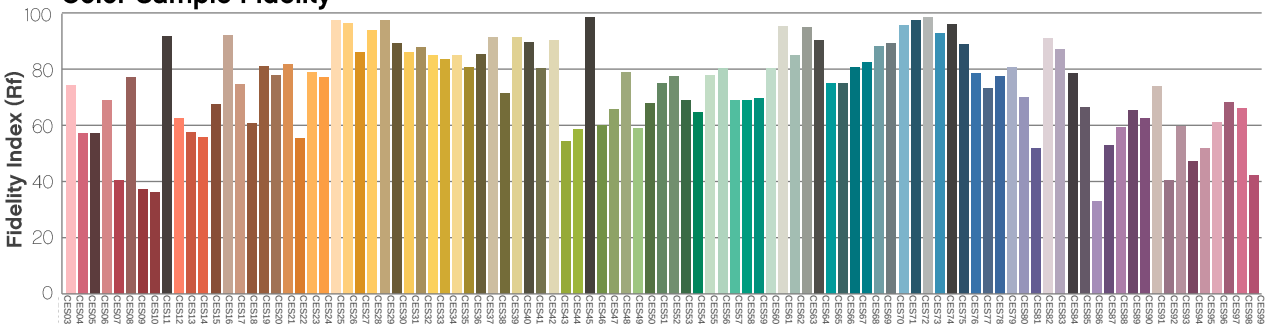
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration Off

Report Summary

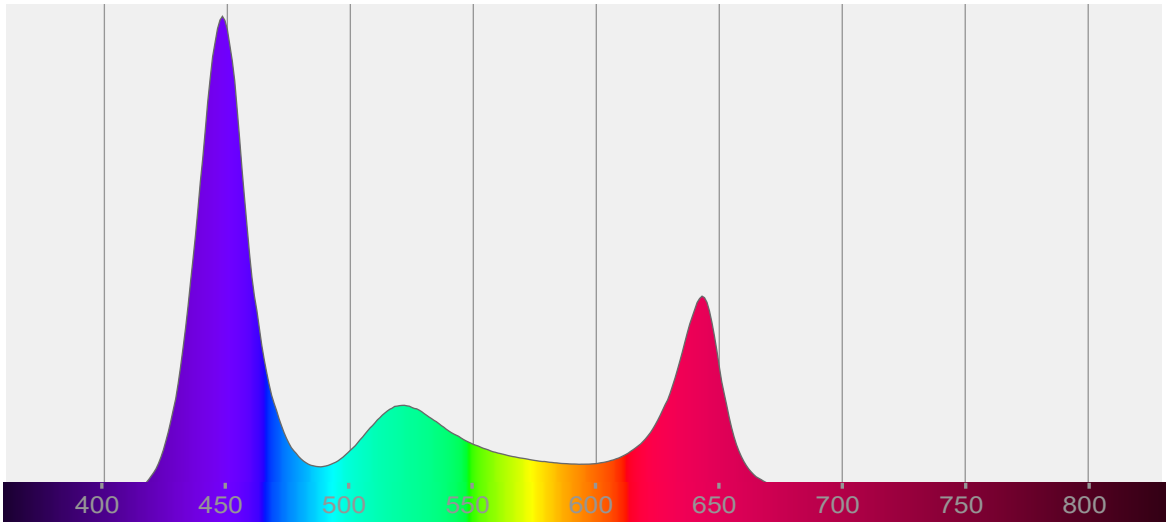
Measurements

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

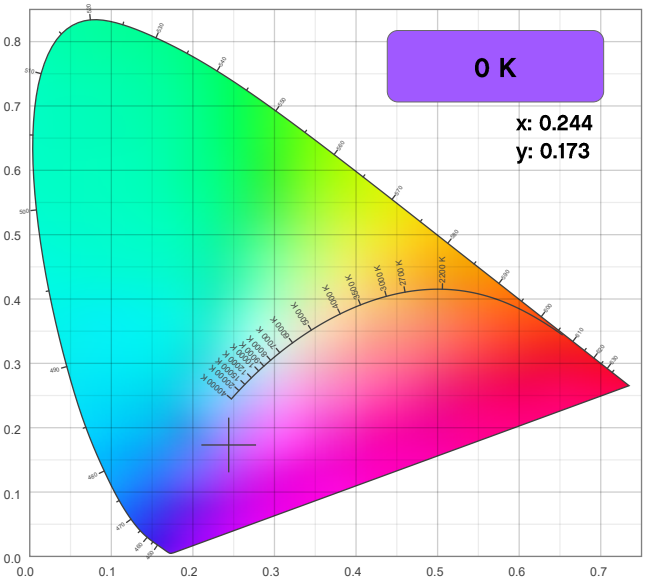
Notes:

Chromaticity Report

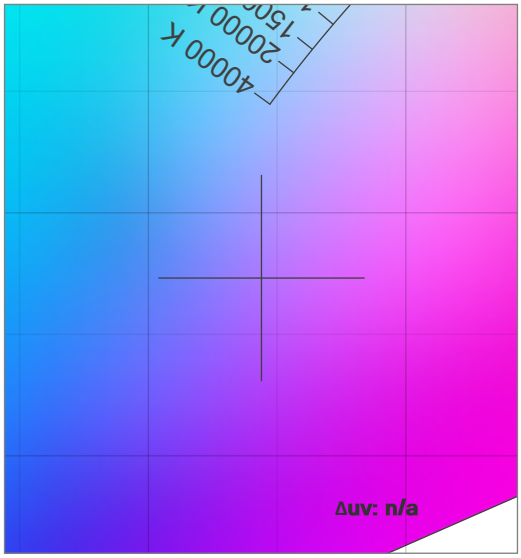
COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration Off

Chromaticity

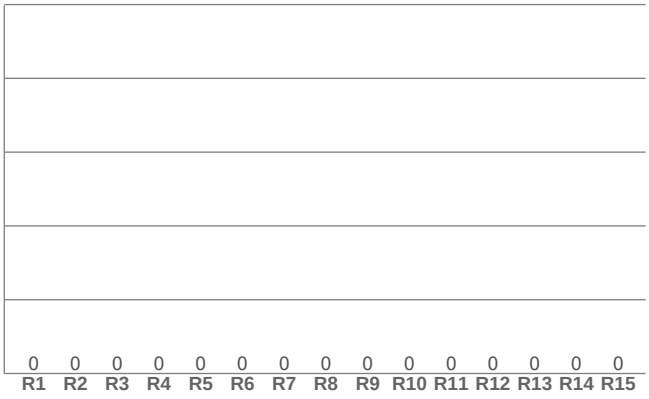
CIE 1931



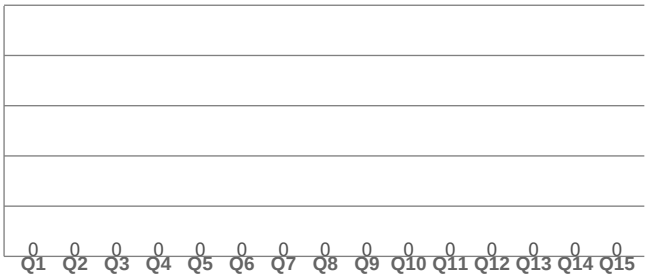
CIE 1931 - Zoom



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

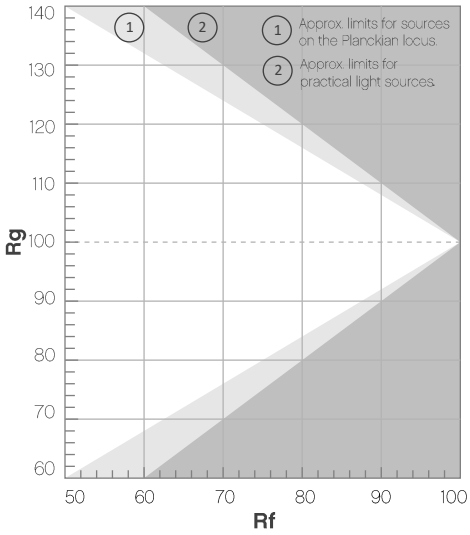
COLORado PXL Bar 16: 50% Zoom - Single Pixel - RGBW - Calibration Off

TM-30-18 Details

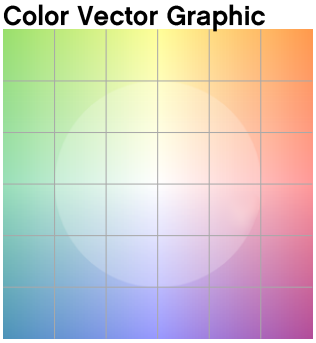
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

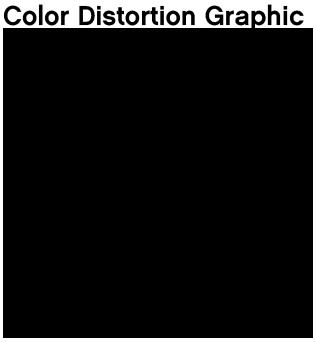
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



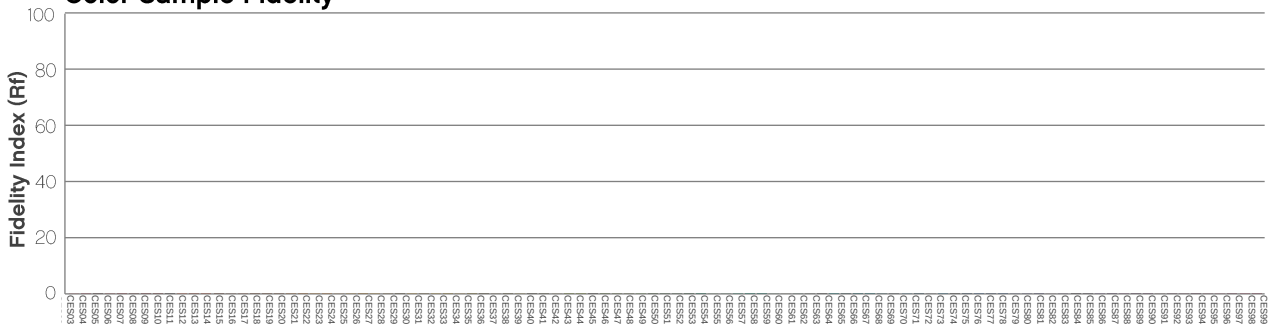
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

Report Summary

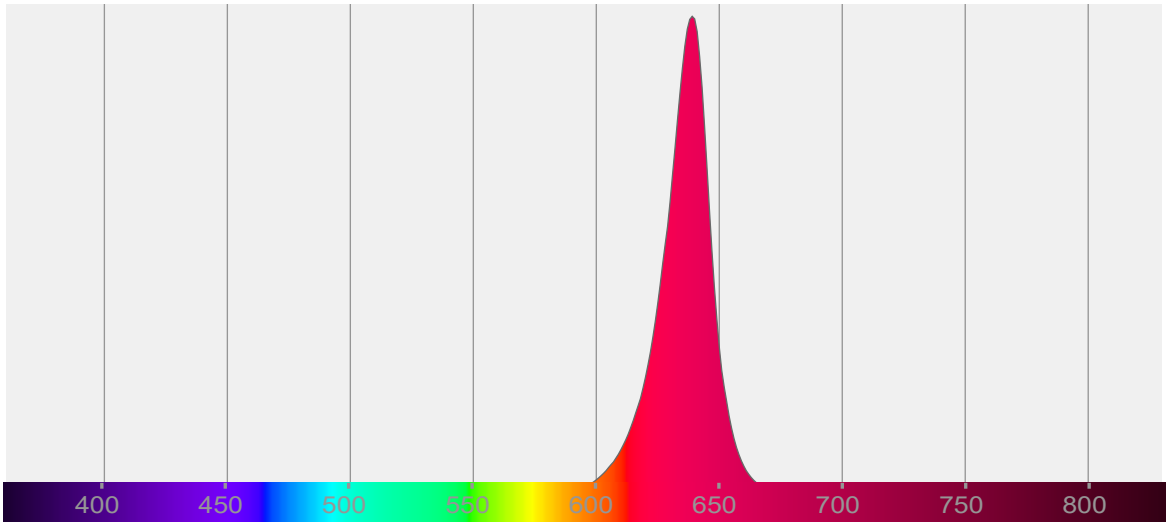
Measurements

Total Lumens: 79.9 lm
Peak Intensity: 1302 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: 639 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

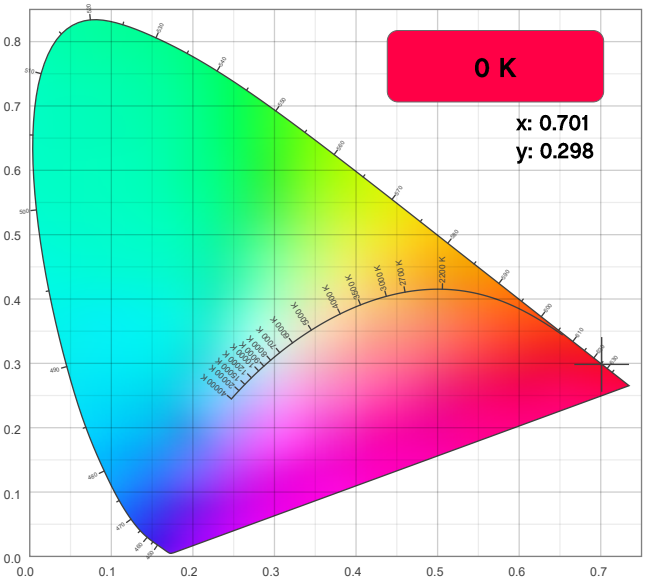
Notes:

Chromaticity Report

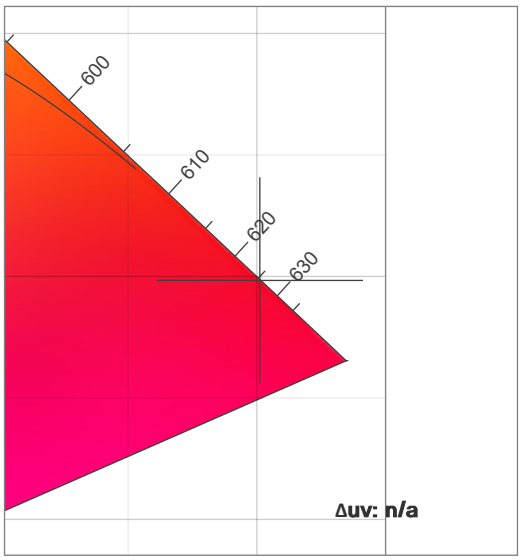
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

Chromaticity

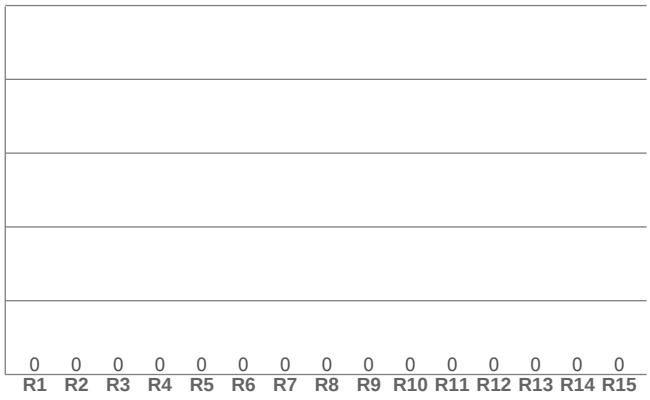
CIE 1931



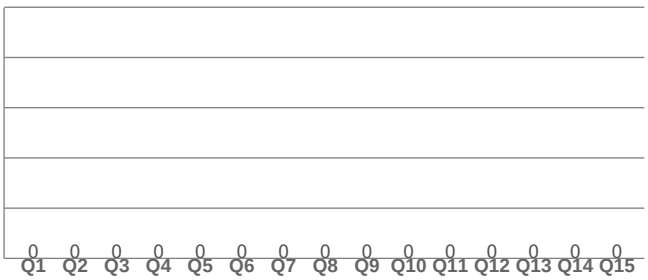
CIE 1931 - Zoom



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

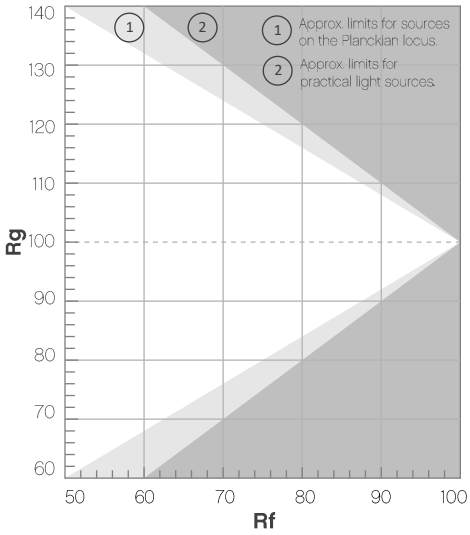
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Red Only - Calibration Off

TM-30-18 Details

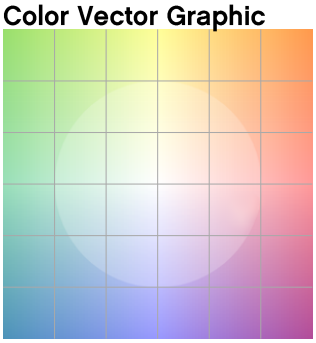
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

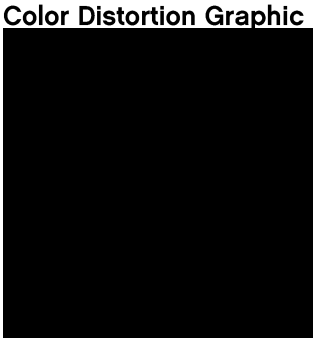
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



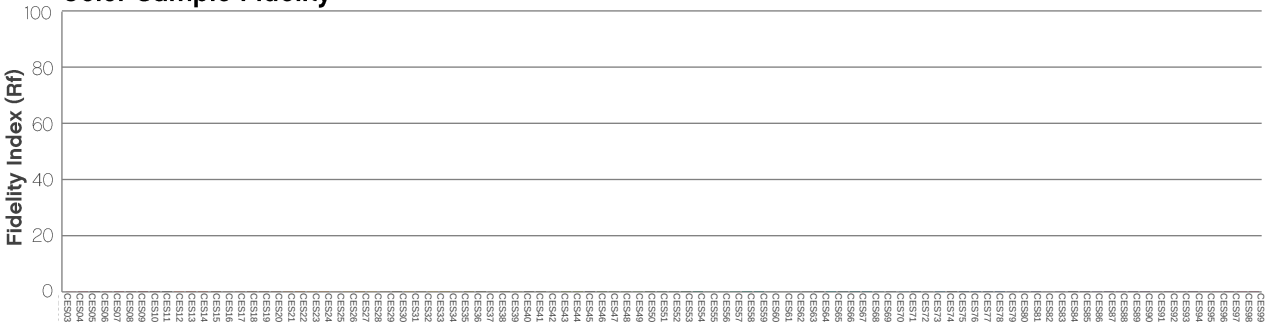
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

Report Summary

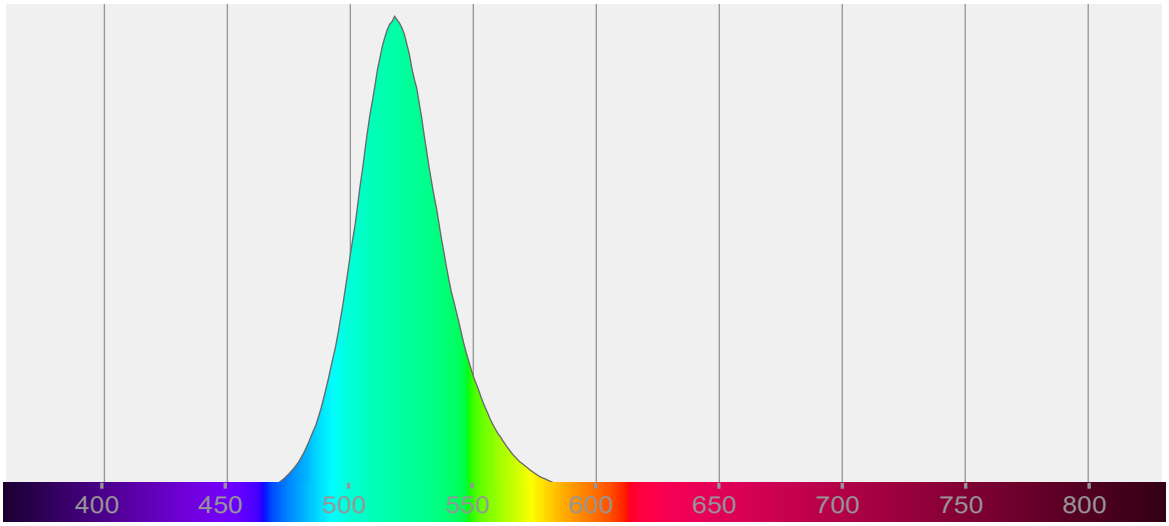
Measurements

Total Lumens: 120 lm
Peak Intensity: 2121 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

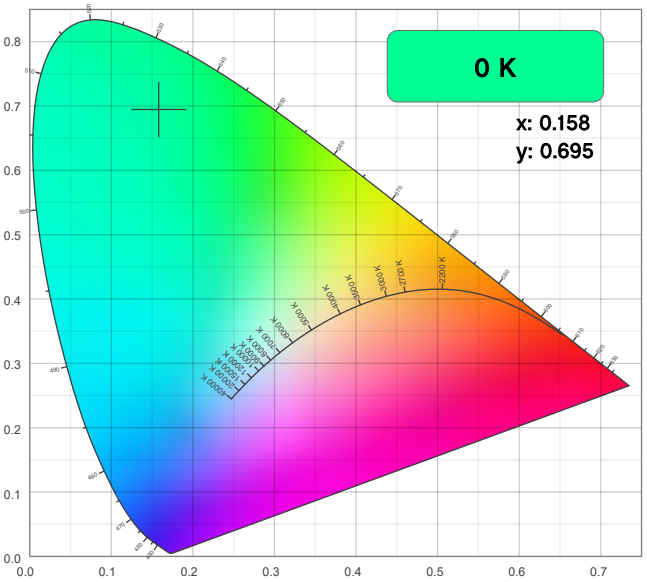
Notes:

Chromaticity Report

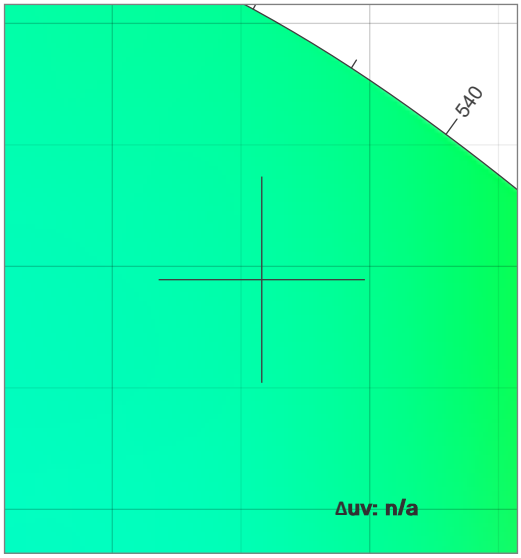
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

Chromaticity

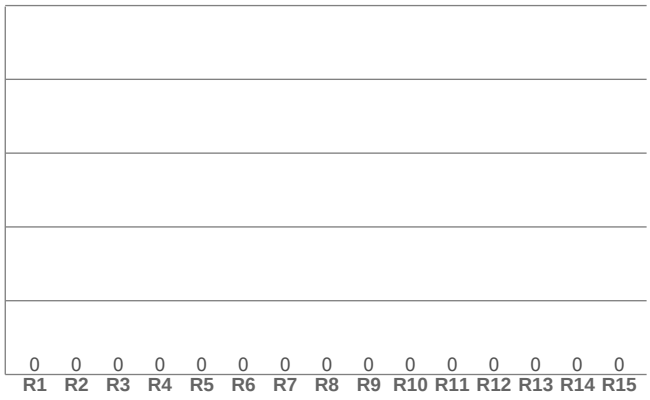
CIE 1931



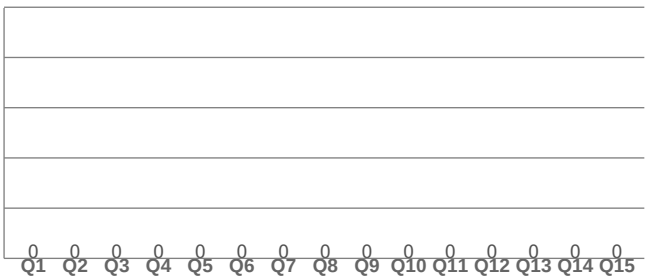
CIE 1931 - Zoom



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	0.158	0.695

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.695	0.057

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

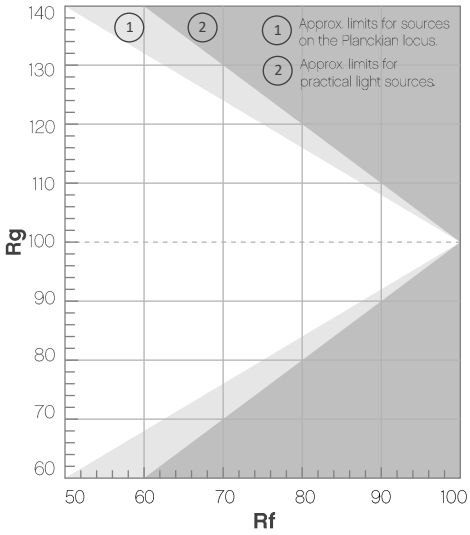
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Green Only - Calibration Off

TM-30-18 Details

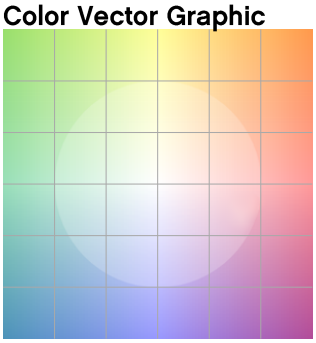
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

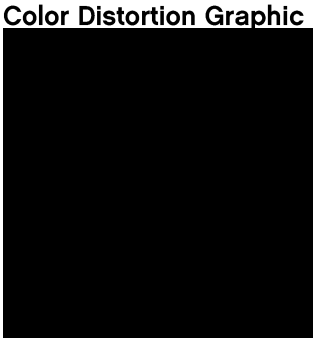
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



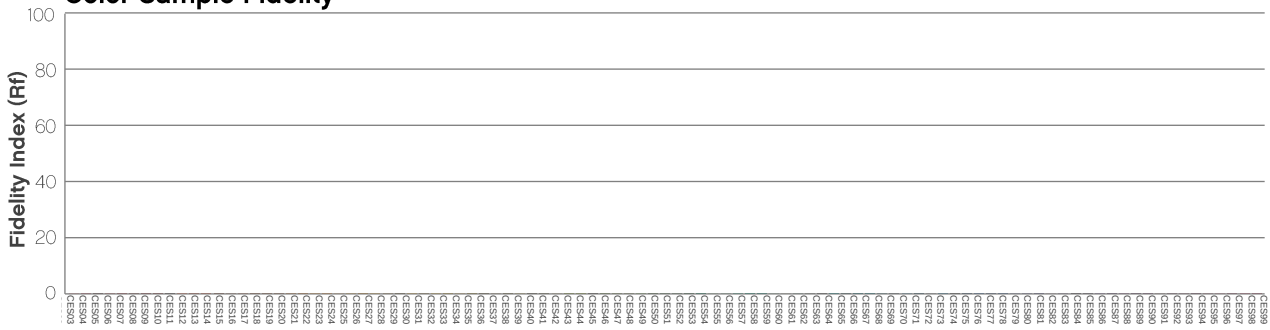
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

Report Summary

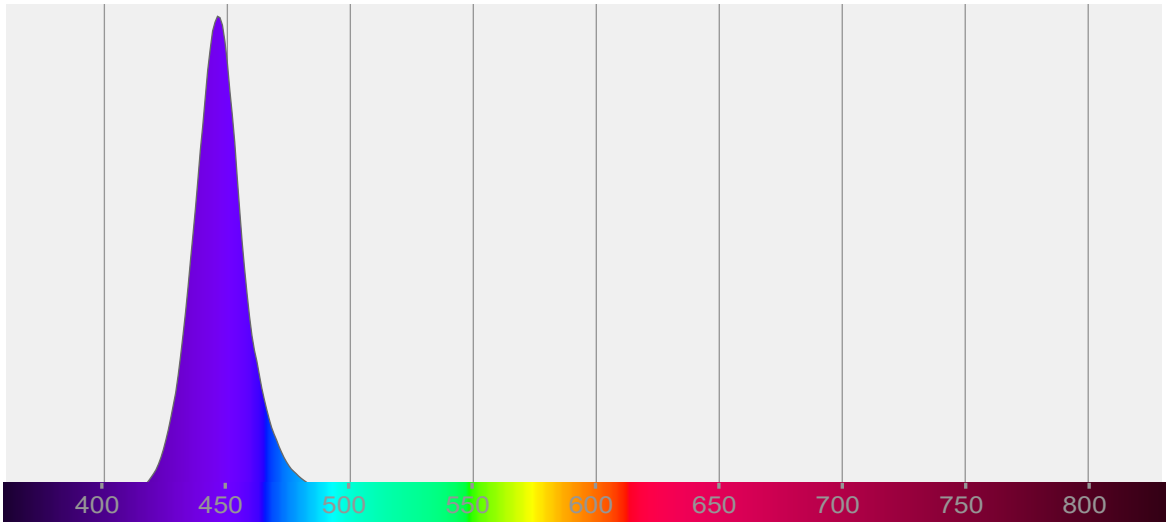
Measurements

Total Lumens: 50.6 lm
Peak Intensity: 635 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

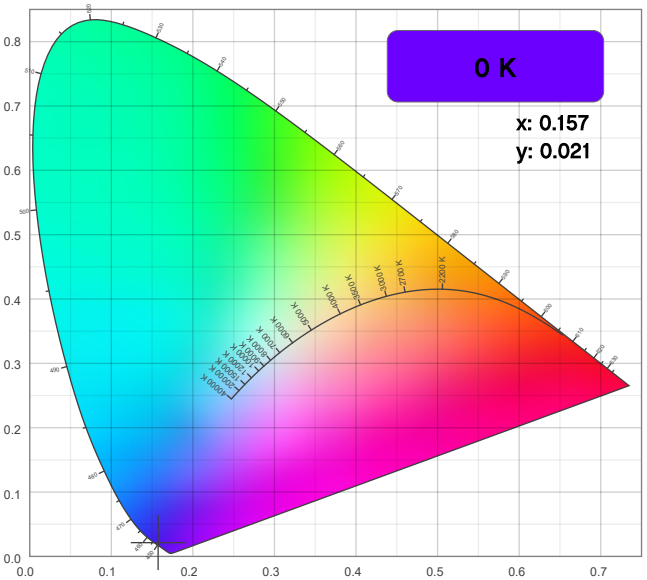
Notes:

Chromaticity Report

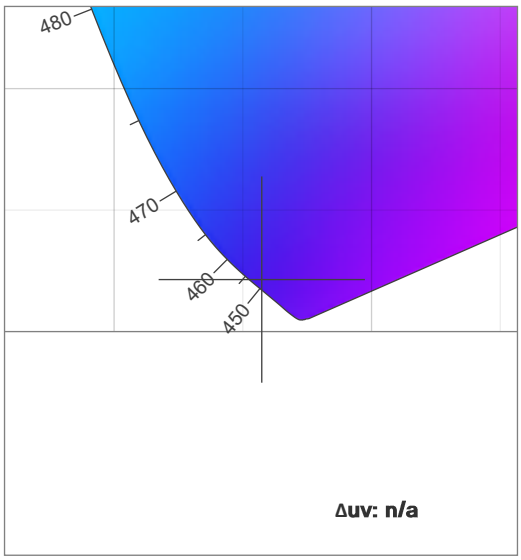
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

Chromaticity

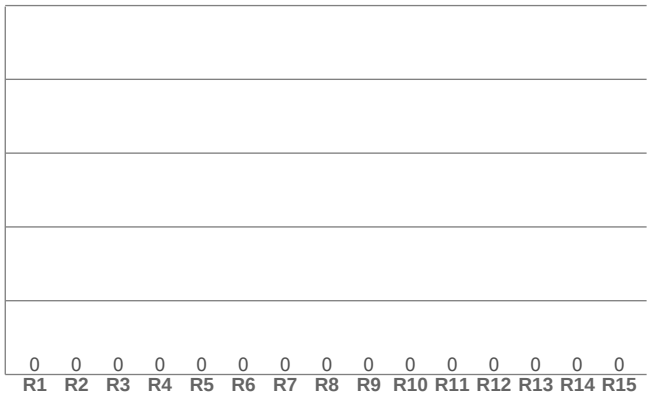
CIE 1931



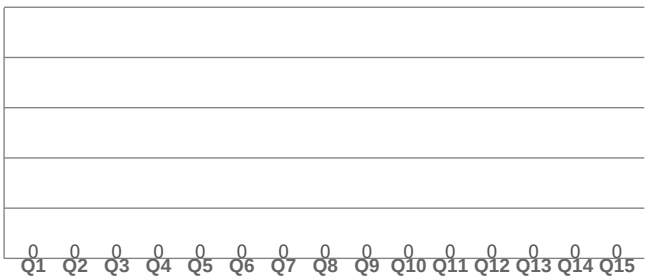
CIE 1931 - Zoom



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	0.021

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

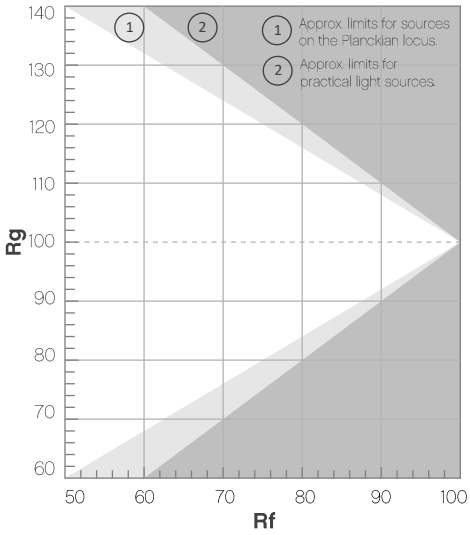
COLORado PXL Bar 16: 50% Zoom - Single Pixel - Blue Only - Calibration Off

TM-30-18 Details

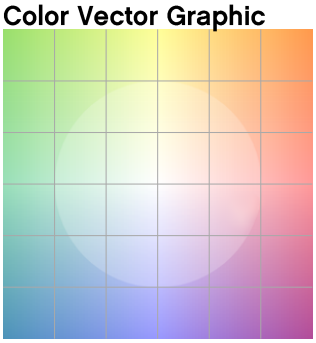
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gamut Index (Rg)

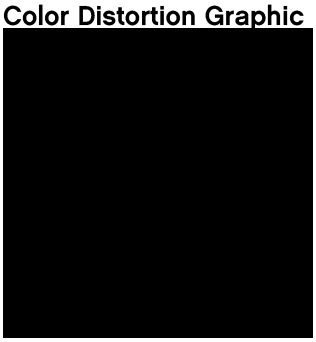
Hue Bin	R_f	Chroma Shift	Hue Shift
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



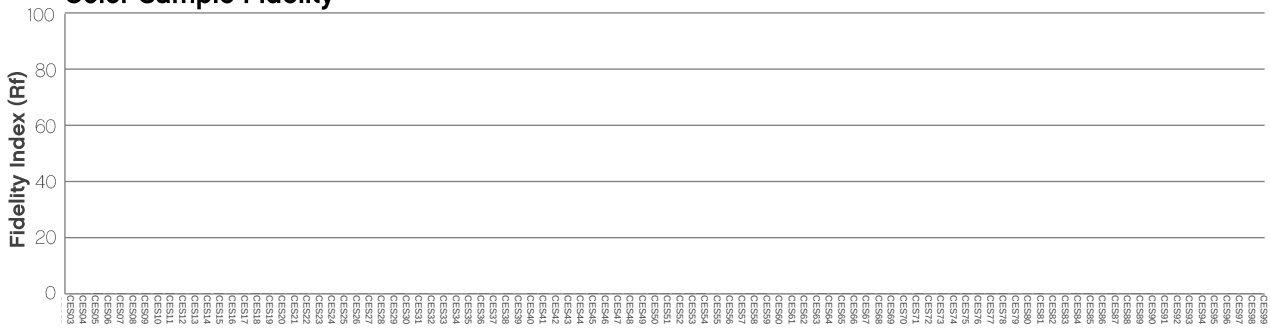
Color Distortion Graphic



Rf by Hue Bin

Local Chroma Shift by Hue Bin

Color Sample Fidelity



Chromaticity Report

COLORado PXL Bar 16: 50% Zoom - Single Pixel - White Only - Calibration Off

Report Summary

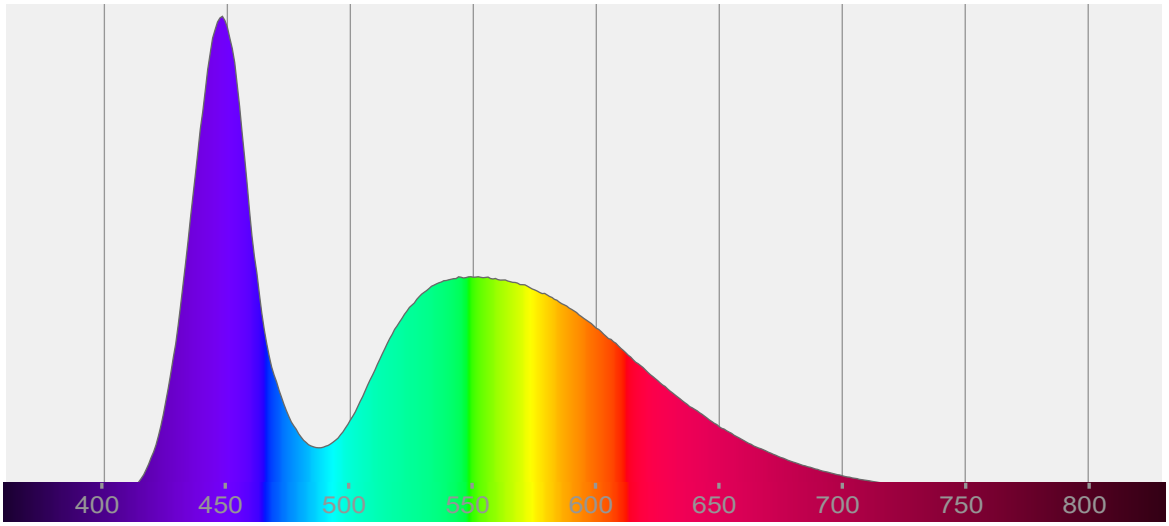
Measurements

Total Lumens: 178 lm
Peak Intensity: 3108 cd
Fixture Efficacy: 3 lm/W

Correlated Color Temperature: 7617K
Δuv: -0.0083

CRI: 74.4 CRI R9 Value: -1.3
CQS: 69.0
TLCI: 49
TM-30-18 Rf: 71.5
TM-30-18 Rg: 96.5
1st Dominant Wavelength: 448 nM
2nd Dominant Wavelength: 549 nM

Spectral Distribution



Tested Color

7617 K
CIE 1931 Coordinates:
X: 0.301 Y: 0.302

Color Temperature

7617 K

Light Quality

CRI: 74.4

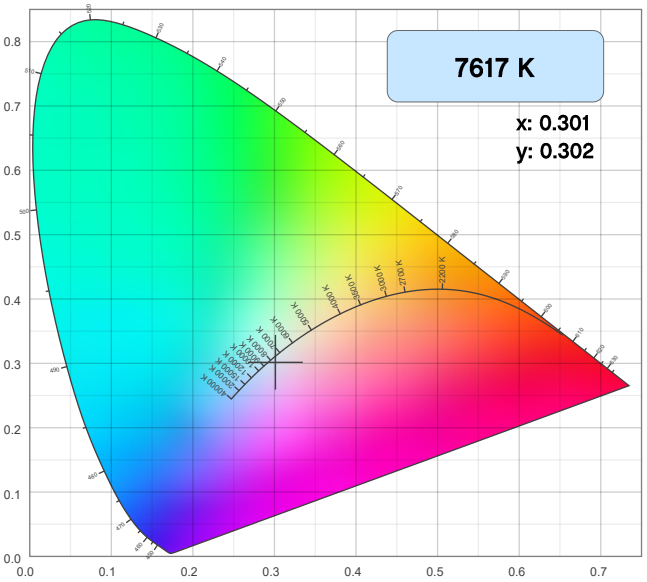
Notes:

Chromaticity Report

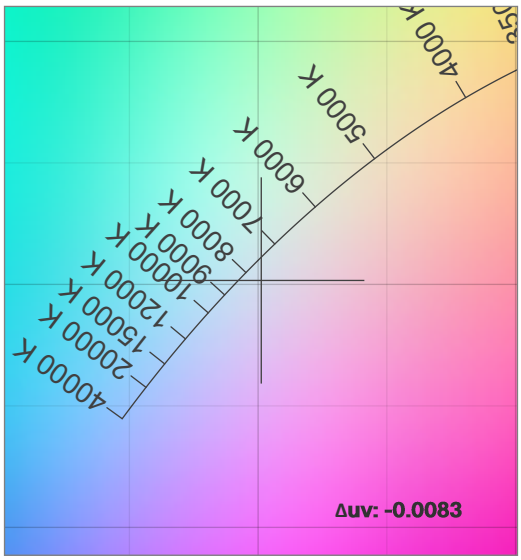
COLORado PXL Bar 16: 50% Zoom - Single Pixel - White Only - Calibration Off

Chromaticity

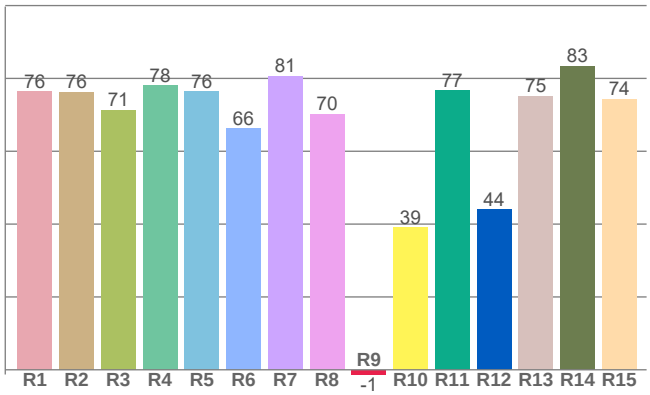
CIE 1931



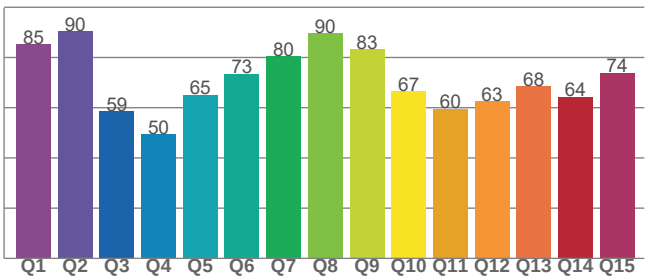
CIE 1931 - Zoom



CRI: 74.4 (R1-R8)



CQS: 69.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7617 K	0.301	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0083	0.302	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.4	-1.3	69.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM-30-18 - Rf	TM-30-18 Rg
49	71.5	96.5

Chromaticity Report

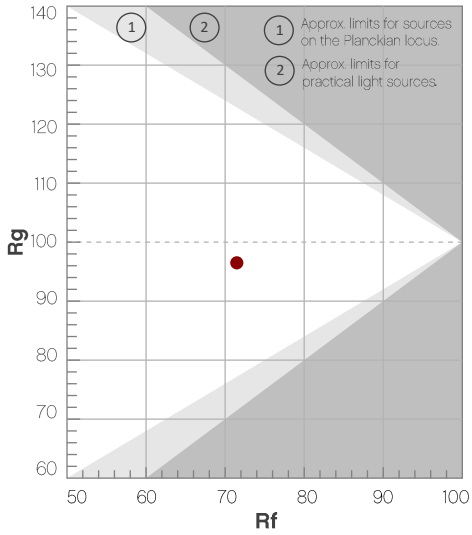
COLORado PXL Bar 16: 50% Zoom - Single Pixel - White Only - Calibration Off

TM-30-18 Details

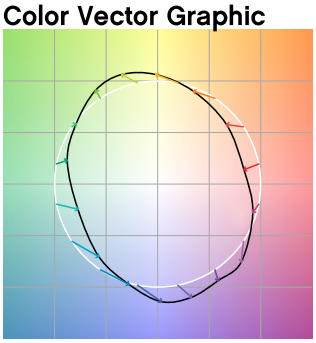
Rf 71.5
Fidelity Index (Rg)

Rg 96.5
Gamut Index (Rg)

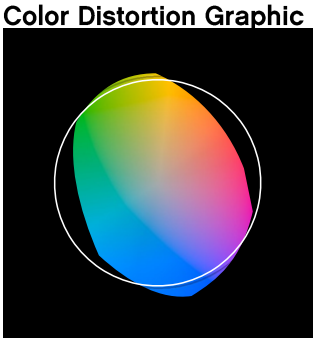
Hue Bin	R_f	Chroma Shift	Hue Shift
1	72	-15%	-3%
2	71	-12%	11%
3	65	-6%	21%
4	63	4%	23%
5	72	11%	14%
6	85	9%	-1%
7	92	-2%	-5%
8	81	-10%	-6%
9	75	-19%	9%
10	58	-13%	27%
11	38	-4%	31%
12	69	11%	26%
13	78	14%	11%
14	80	10%	-3%
15	75	9%	-18%
16	82	-4%	-9%



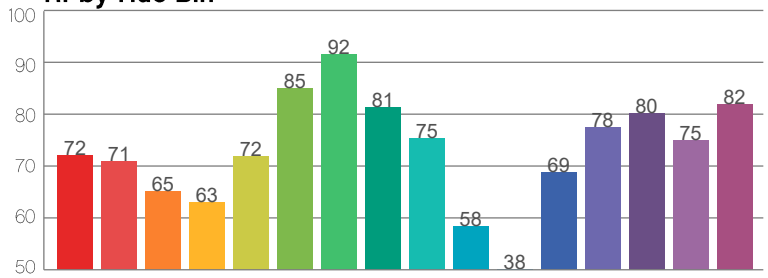
Color Vector Graphic



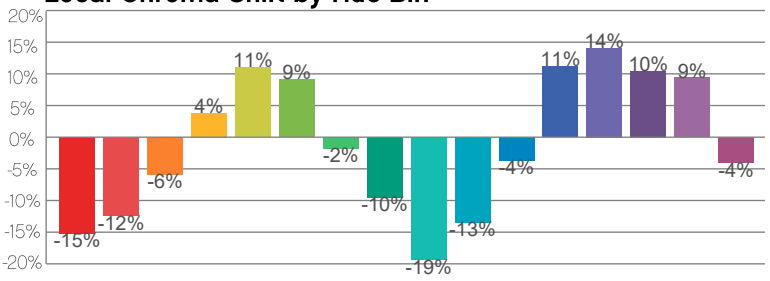
Color Distortion Graphic



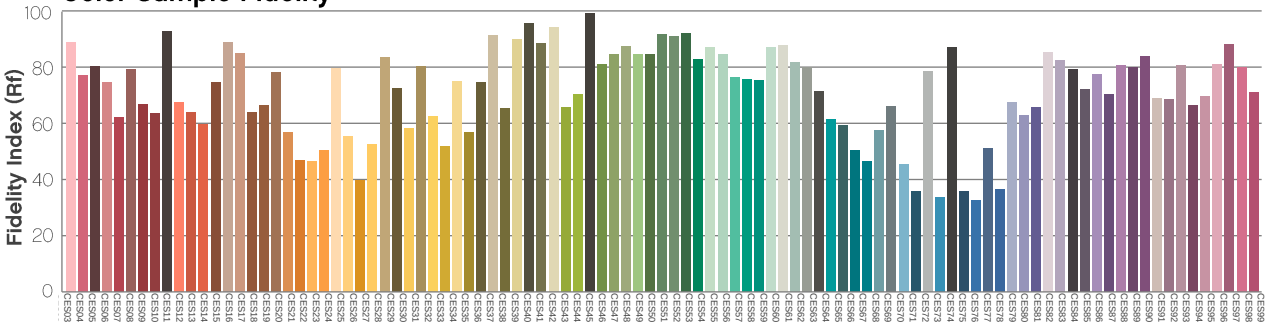
Rf by Hue Bin



Local Chroma Shift by Hue Bin



Color Sample Fidelity



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