

COLORADO *EDGE 1*

PHOTOMETRICS REPORT



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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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



Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Full Power

Report Summary

Measurements

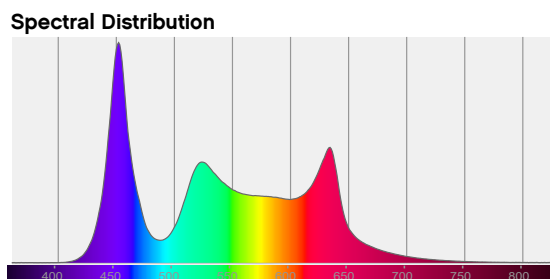
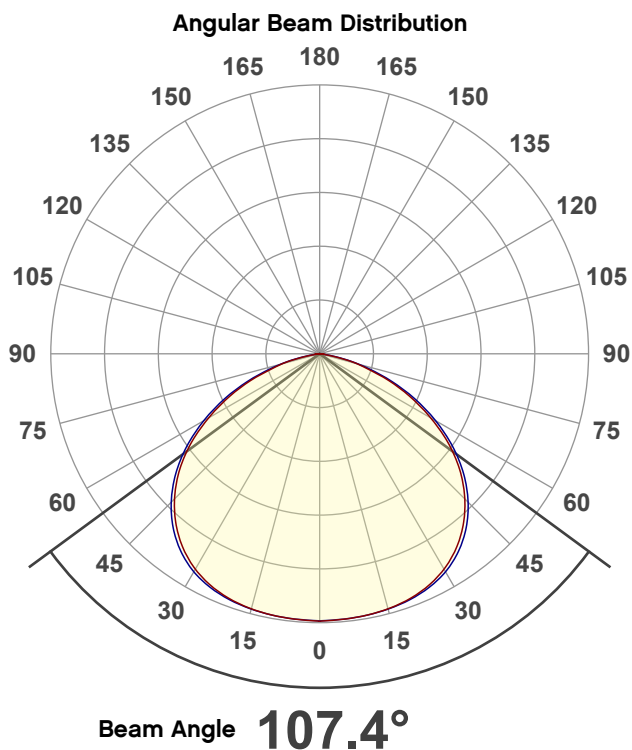
Fixture Output: 6988 lm
Fixture Peak: 2691 cd
Fixture Efficacy: 57 lm/W
Intensity @ 5m: 107 lux
Color Temperature: 6516 K
CRI: 87.4 CRI R9 Value: 63.5
CQS: 87.3
TLCI: 88
TM-30 Rf: 85.2
TM-30 Rg: 108.1
Beam Angle (50%): 107.4°
Field Angle (10%): 142.9°
Cutoff Angle (3%): 152.6°

Conditions

AC Supply: 117 V, 60 Hz
Power: 122.3 W
Current: 1.05 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

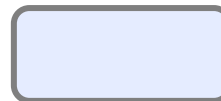
Overall Measurement



Tested Color (CIE 1931):

X: 0.315

Y: 0.309



Light Quality

CRI: 87.4

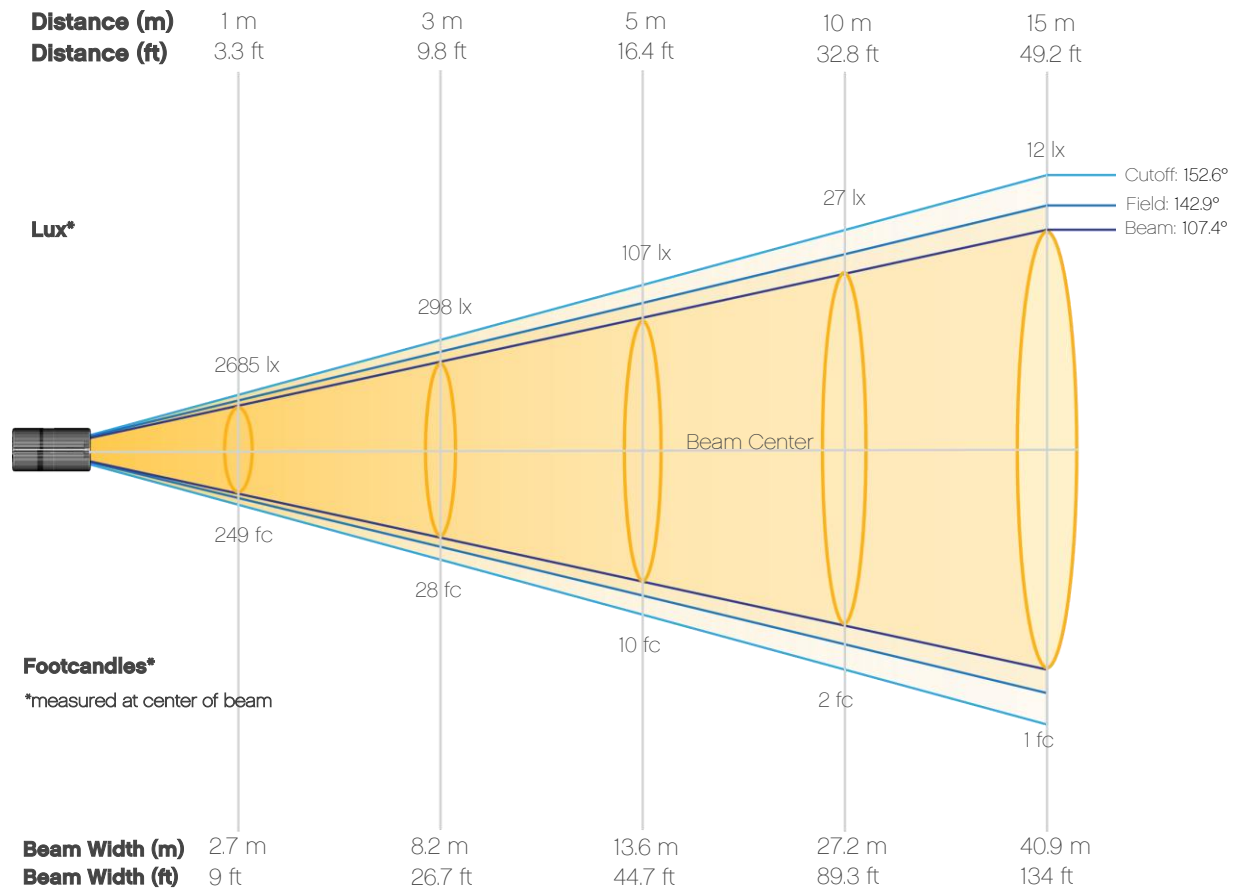
Color Temperature

6516 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Full Power

Beam Details

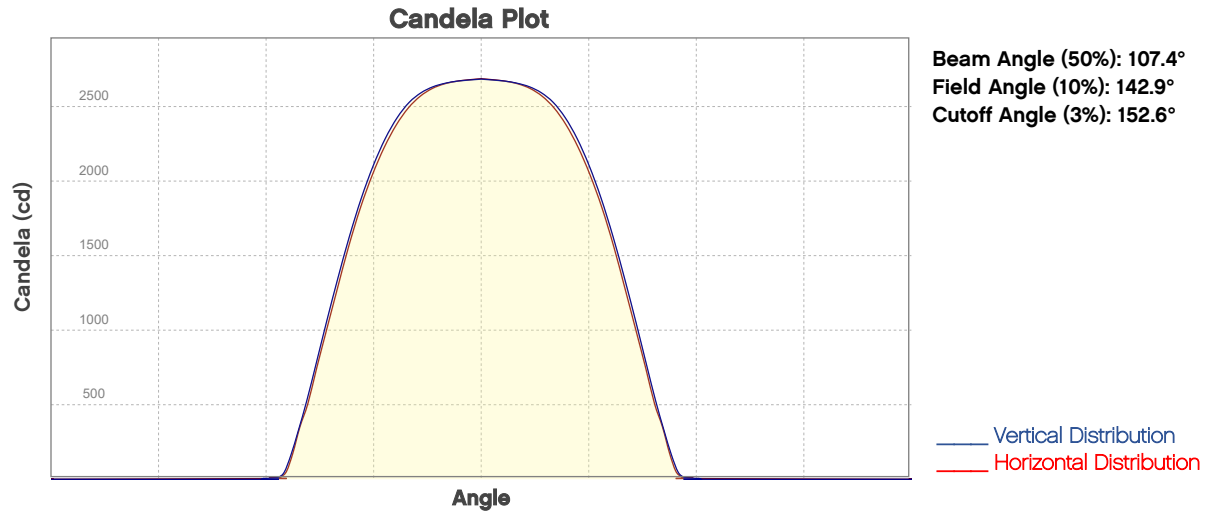


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2685	671	298	168	107	75	55	42	33	27
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	22	19	16	14	12	10	9	8	7	7
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	249	62	28	16	10	7	5	4	3	2
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2	2	1	1	1	1	1	1	1	1

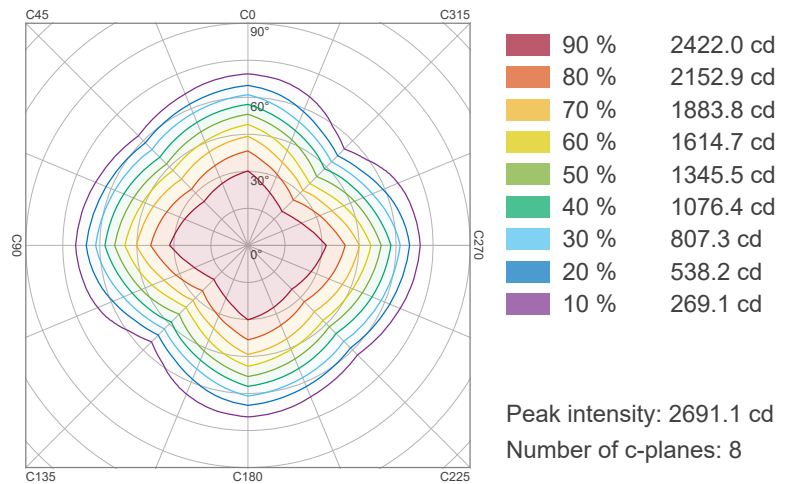
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Full Power

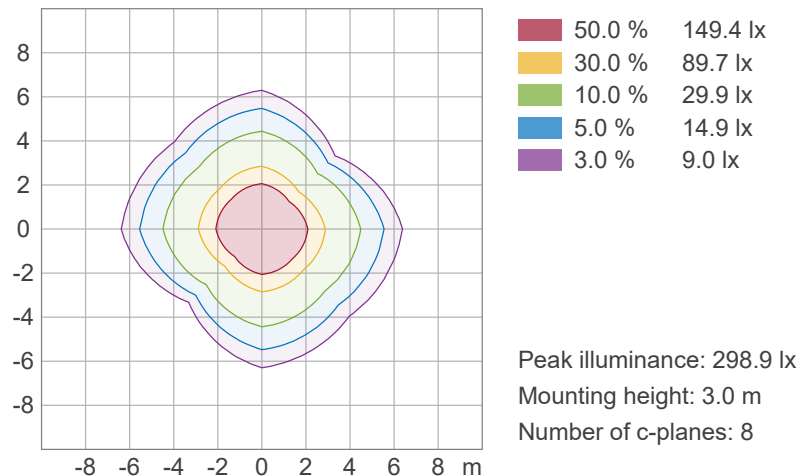


ISO Diagrams

ISO Candela Diagram



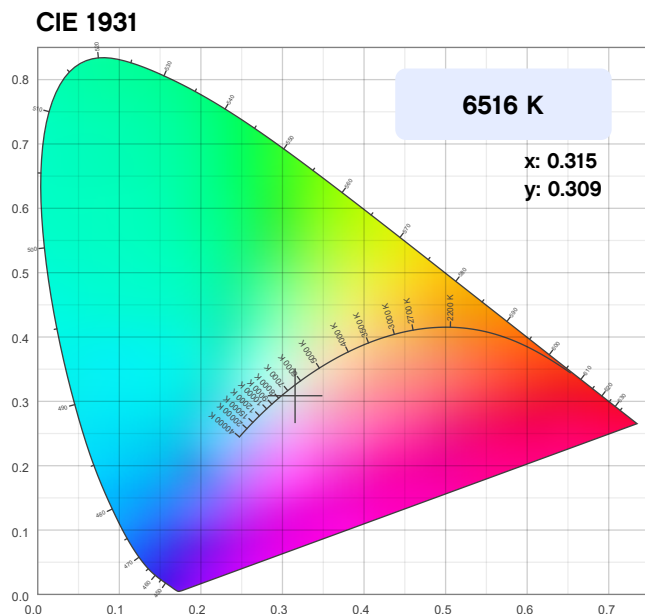
ISO Lux Diagram



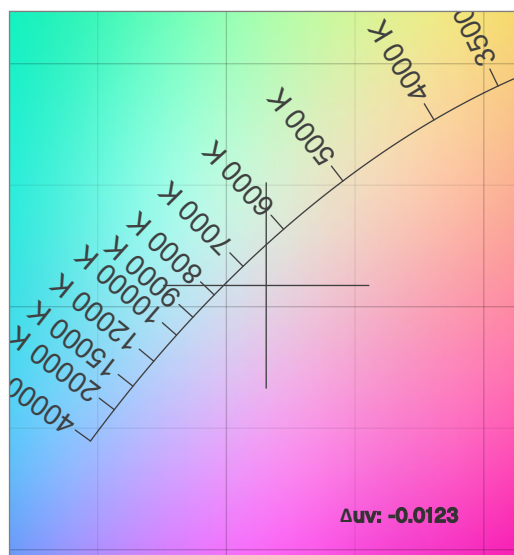
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Full Power

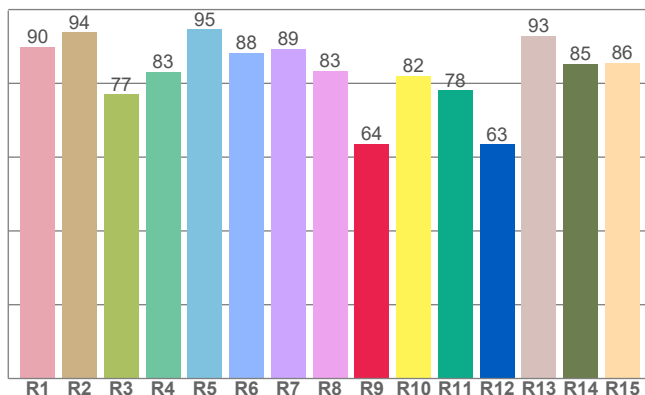
Chromaticity



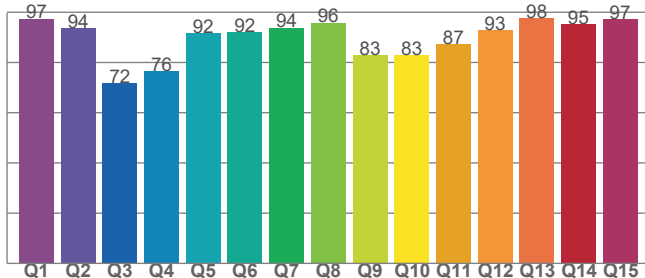
CIE 1931 - Zoom



CRI: 87.4 (R1-R8)



CQS: 87.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6516 K	0.315	0.309

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0123	0.309	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.4	63.5	87.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
88	85.2	108.1

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Full Power

TM-30 Details

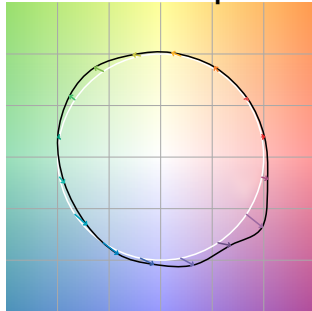
Rf 85.2

Fidelity Index
(R_f)

Rg 108.1

Gamut Index
(R_g)

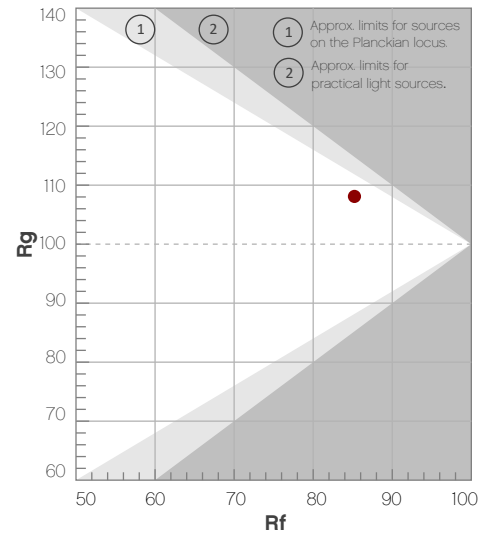
Color Vector Graphic



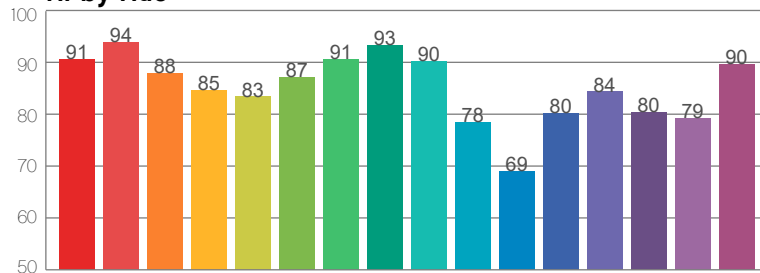
Color Distortion Graphic



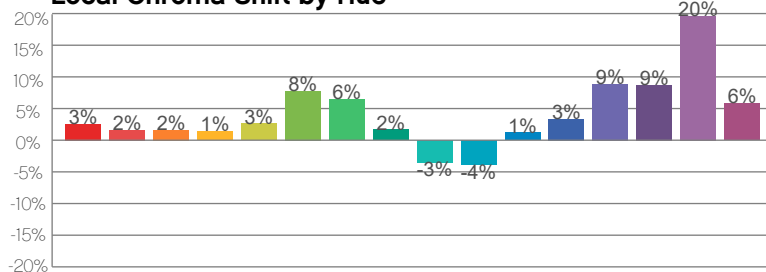
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	91	3%	0%
2	94	2%	1%
3	88	2%	5%
4	85	1%	9%
5	83	3%	7%
6	87	8%	5%
7	91	6%	0%
8	93	2%	1%
9	90	-3%	6%
10	78	-4%	15%
11	69	1%	18%
12	80	3%	13%
13	84	9%	11%
14	80	9%	9%
15	79	20%	-2%
16	90	6%	-1%



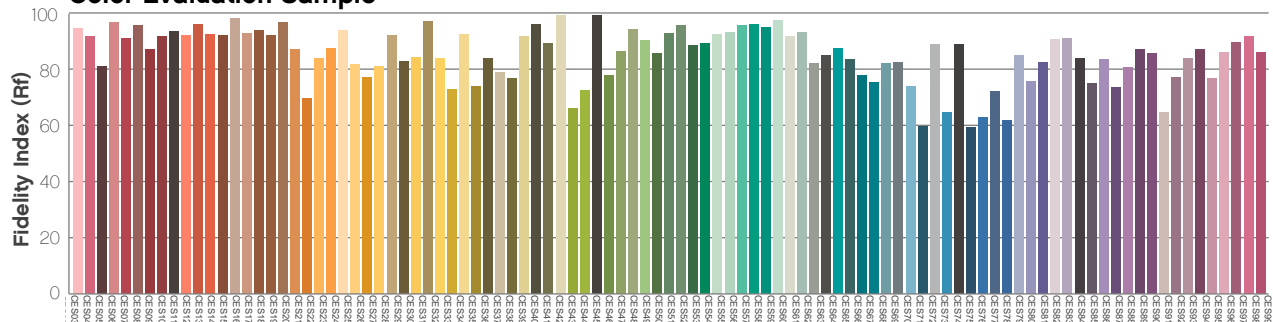
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 3200K

Report Summary

Measurements

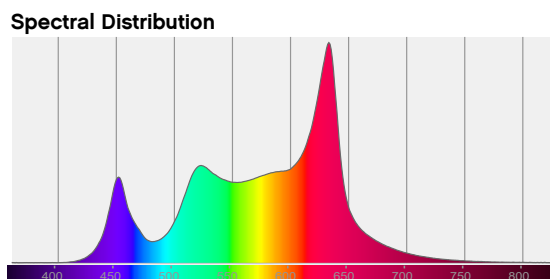
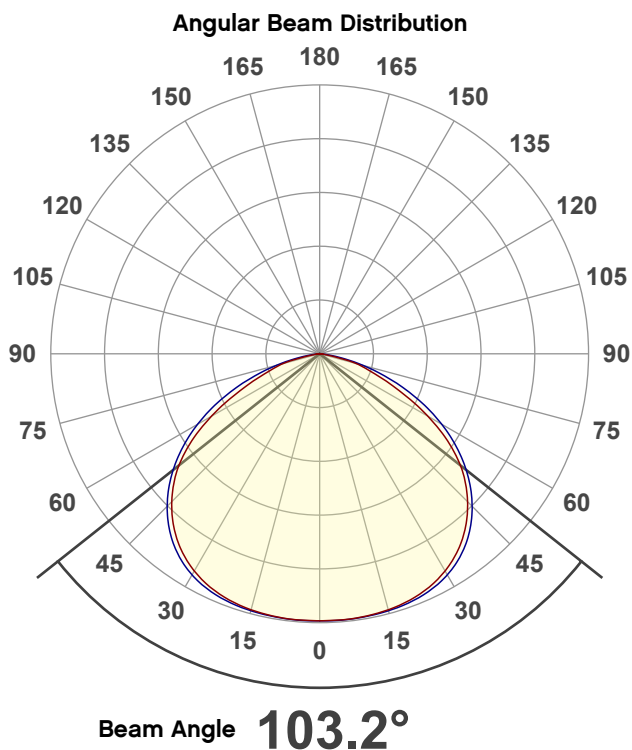
Fixture Output: 4271 lm
Fixture Peak: 1671 cd
Fixture Efficacy: 61 lm/W
Intensity @ 5m: 67 lux
Color Temperature: 3236 K
CRI: 93.2 CRI R9 Value: 91.4
CQS: 93.3
TLCI: 86
TM-30 Rf: 92.4
TM-30 Rg: 105.8
Beam Angle (50%): 103.2°
Field Angle (10%): 143°
Cutoff Angle (3%): 152.6°

Conditions

AC Supply: 119 V, 60 Hz
Power: 70.57 W
Current: 0.591 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/7/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.422

Y: 0.399



Light Quality

CRI: 93.2

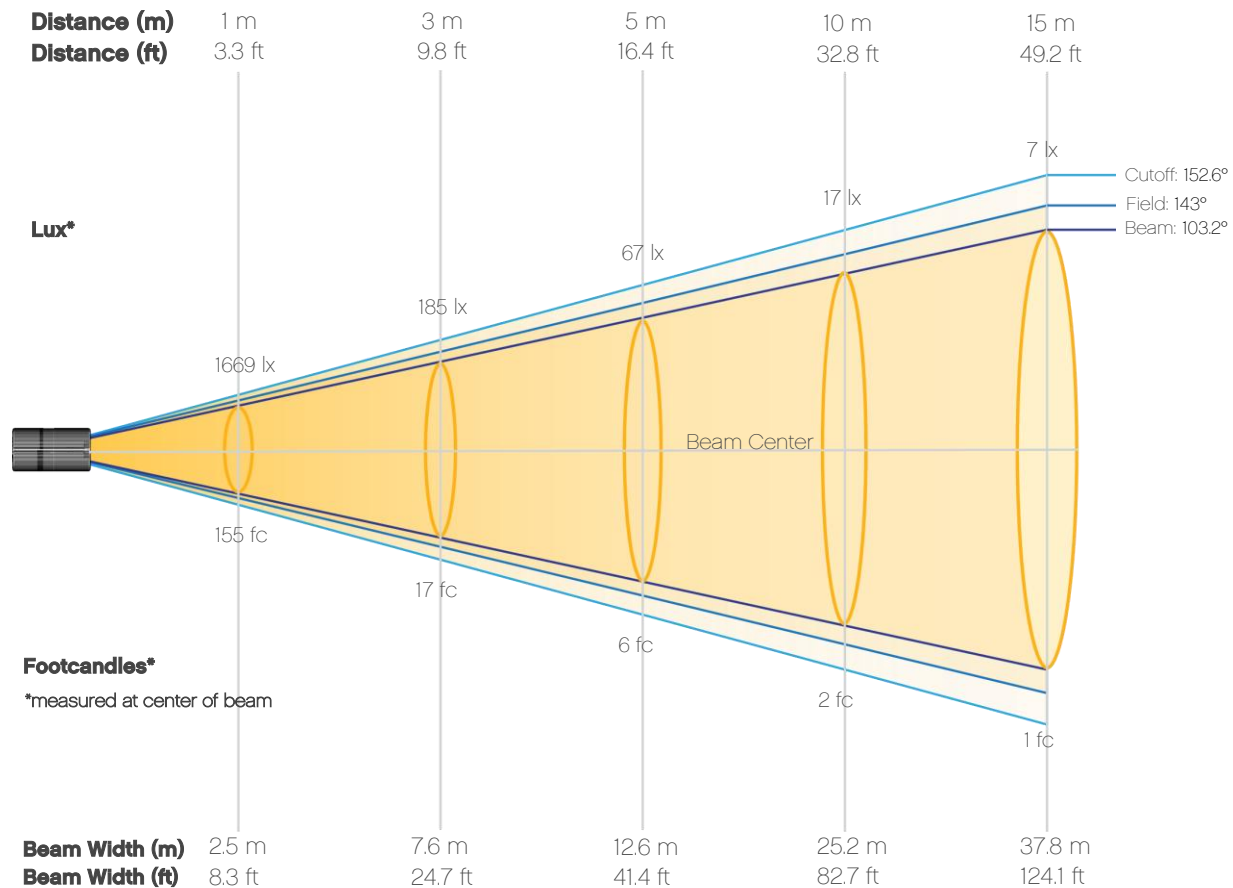
Color Temperature

3236 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 3200K

Beam Details

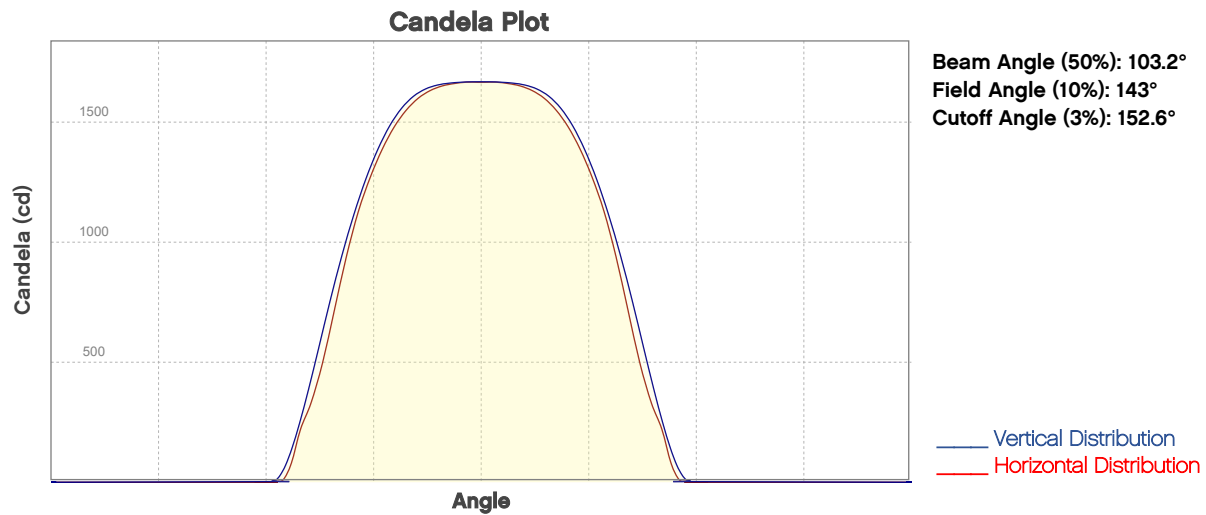


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1669	417	185	104	67	46	34	26	21	17
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	14	12	10	9	7	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	155	39	17	10	6	4	3	2	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	0	0	0

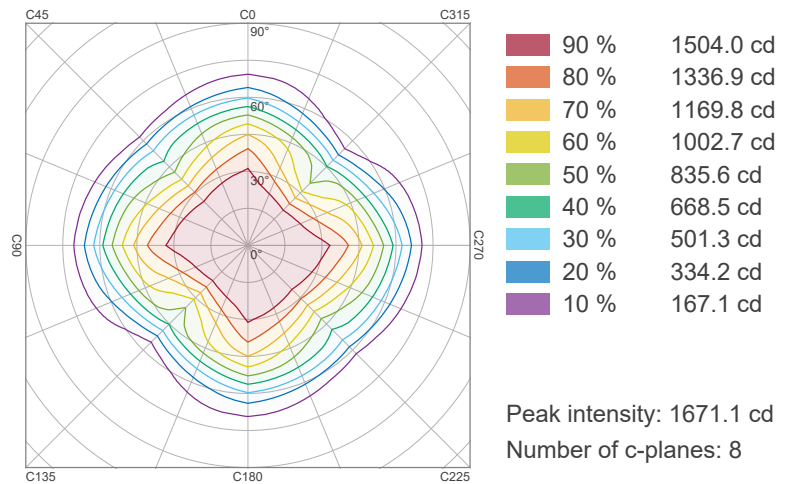
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 3200K

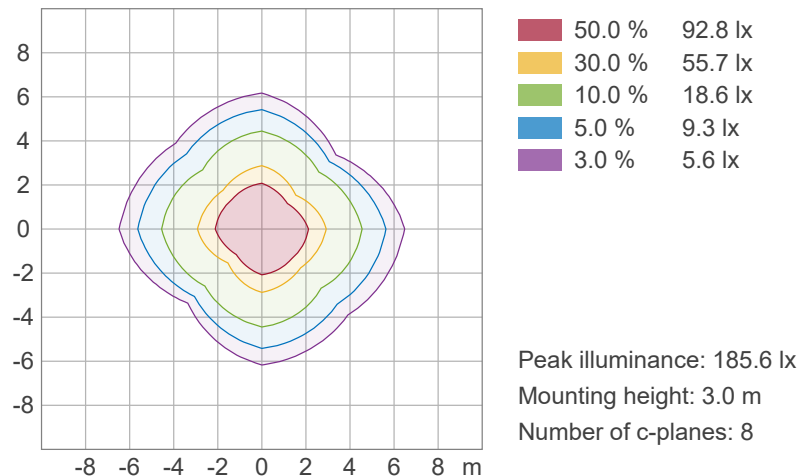


ISO Diagrams

ISO Candela Diagram



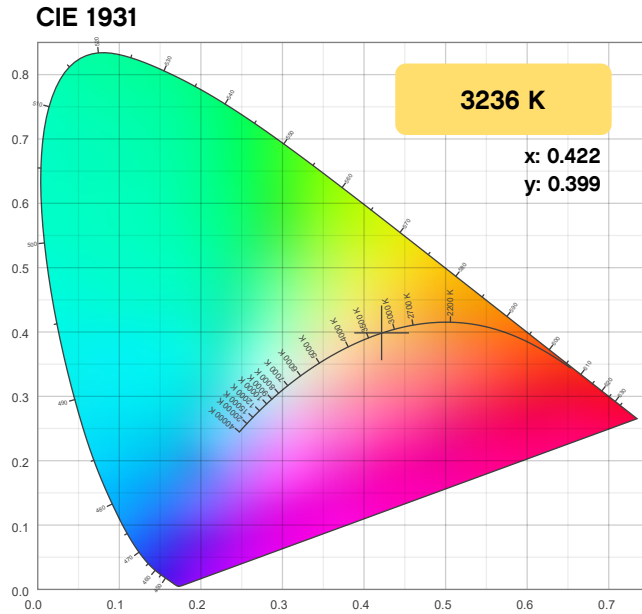
ISO Lux Diagram



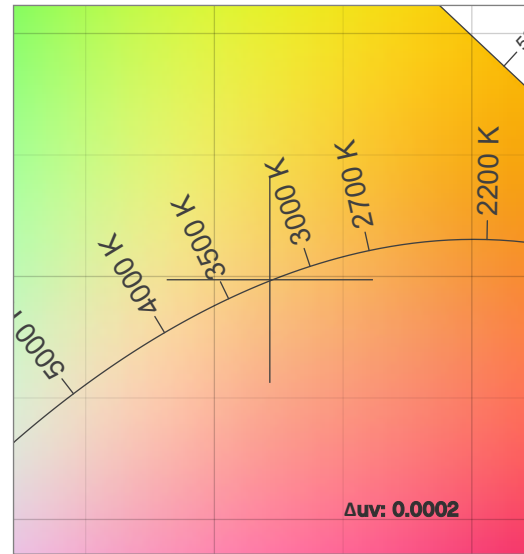
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 3200K

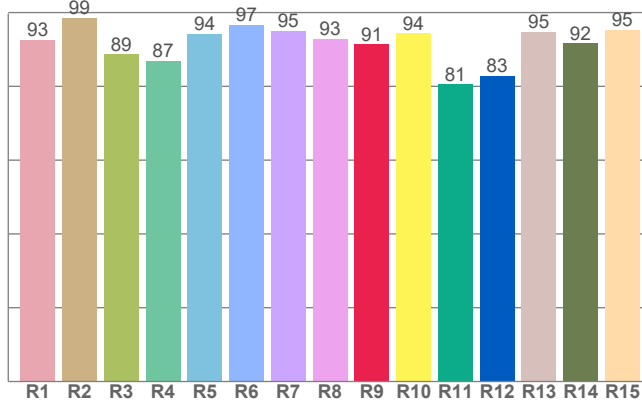
Chromaticity



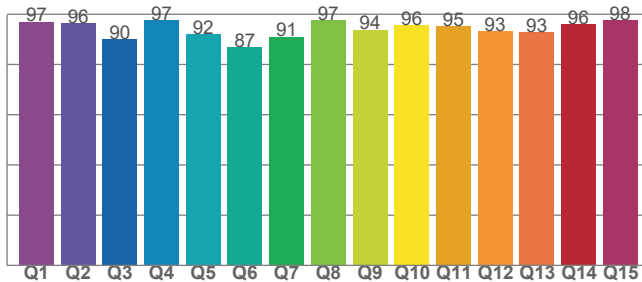
CIE 1931 - Zoom



CRI: 93.2 (R1-R8)



CQS: 93.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3236 K	0.422	0.399

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.399	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.2	91.4	93.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
86	92.4	105.8

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 3200K

TM-30 Details

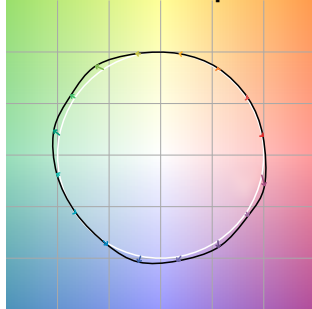
Rf 92.4

Fidelity Index
(Rg)

Rg 105.8

Gammut Index
(Rg)

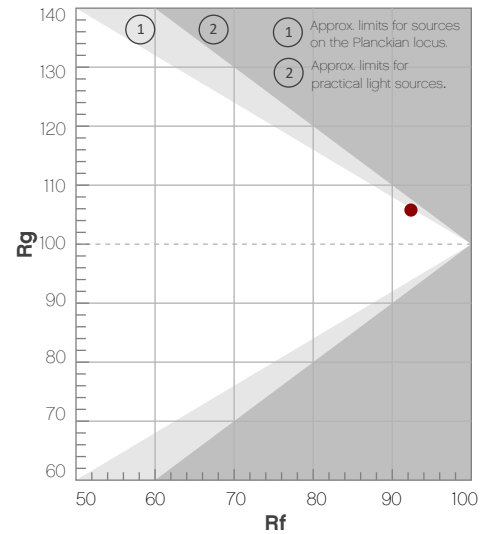
Color Vector Graphic



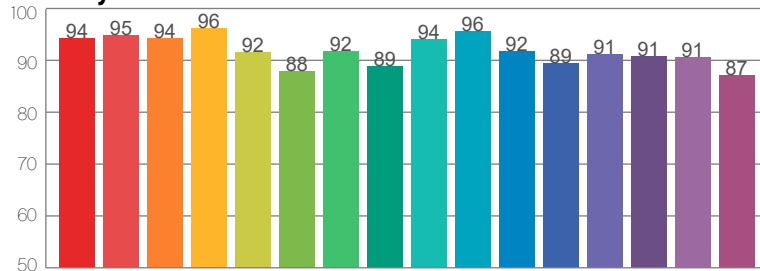
Color Distortion Graphic



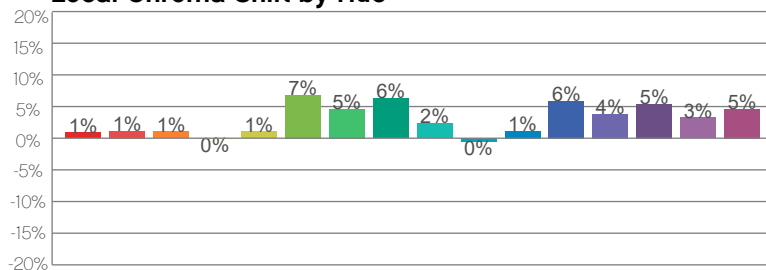
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	94	1%	-1%
2	95	1%	-1%
3	94	1%	1%
4	96	0%	1%
5	92	1%	4%
6	88	7%	4%
7	92	5%	0%
8	89	6%	-3%
9	94	2%	-2%
10	96	0%	1%
11	92	1%	5%
12	89	6%	-1%
13	91	4%	-4%
14	91	5%	-3%
15	91	3%	-2%
16	87	5%	-9%



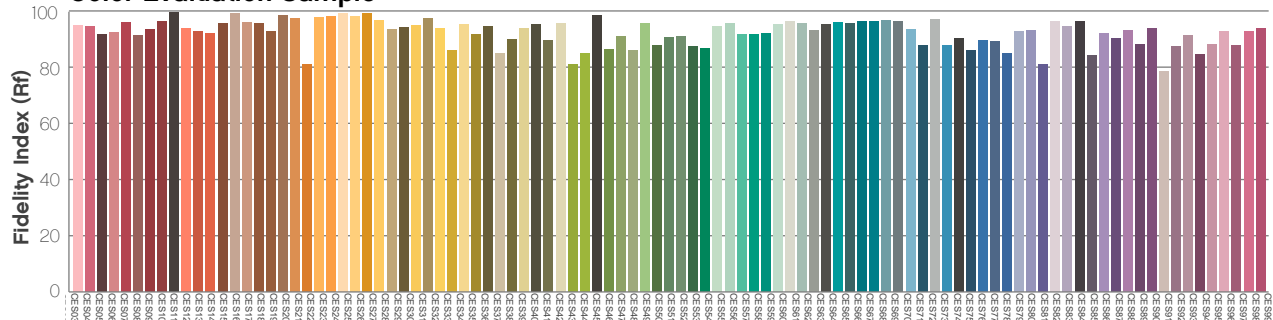
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 4000K

Report Summary

Measurements

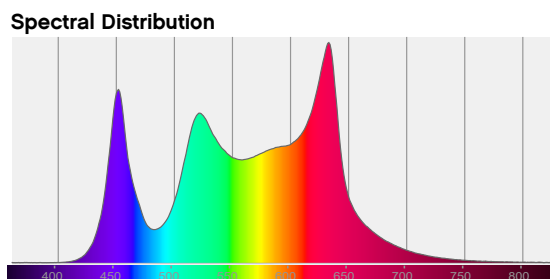
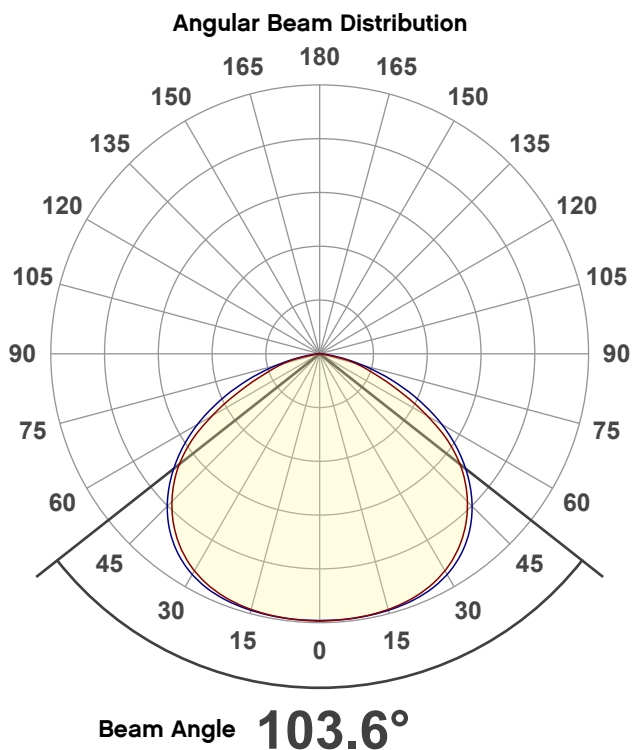
Fixture Output: 4105 lm
Fixture Peak: 1603 cd
Fixture Efficacy: 58 lm/W
Intensity @ 5m: 64 lux
Color Temperature: 4055 K
CRI: 93.6 CRI R9 Value: 94.7
CQS: 94.2
TLCI: 87
TM-30 Rf: 91.8
TM-30 Rg: 105.2
Beam Angle (50%): 103.6°
Field Angle (10%): 143.2°
Cutoff Angle (3%): 152.3°

Conditions

AC Supply: 119 V, 60 Hz
Power: 71.51 W
Current: 0.601 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/7/2026 to LM-63-2002 Standards.

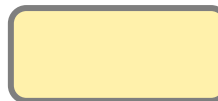
Overall Measurement



Tested Color (CIE 1931):

X: 0.378

Y: 0.376



Light Quality

CRI: 93.6

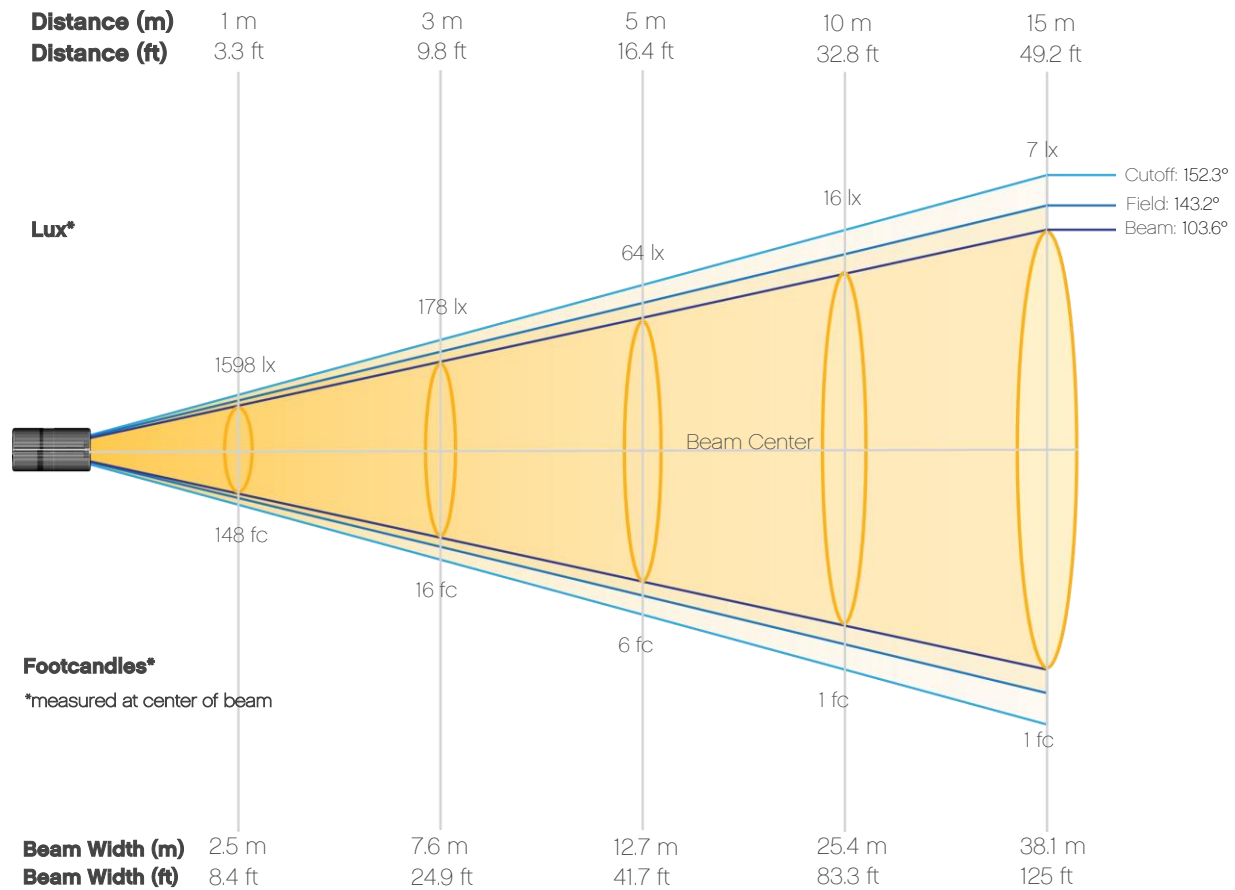
Color Temperature

4055 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 4000K

Beam Details

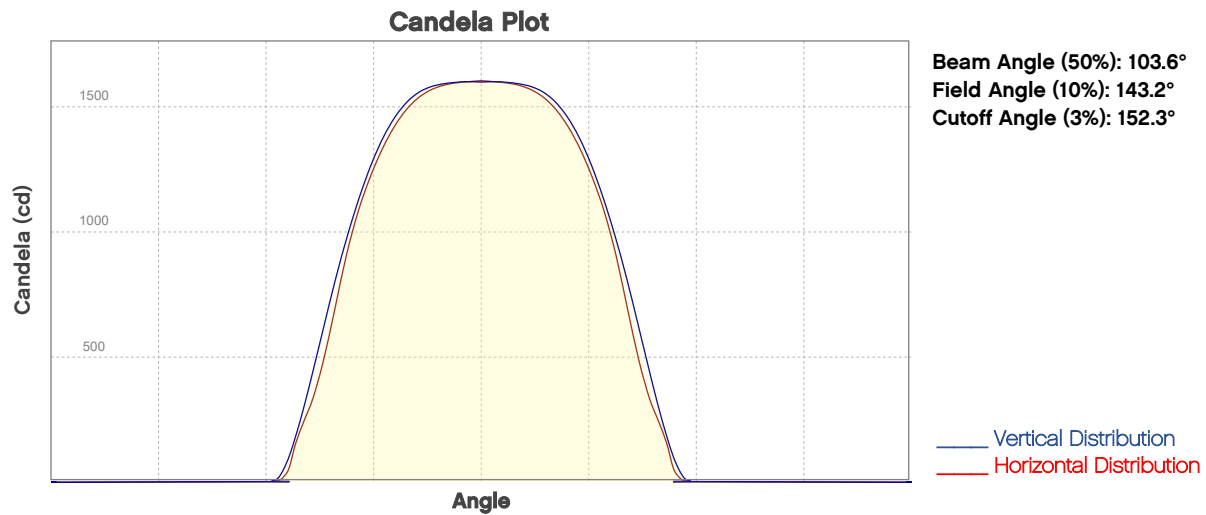


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1598	399	178	100	64	44	33	25	20	16
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	13	11	9	8	7	6	6	5	4	4
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	148	37	16	9	6	4	3	2	2	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	1	1	0	0	0

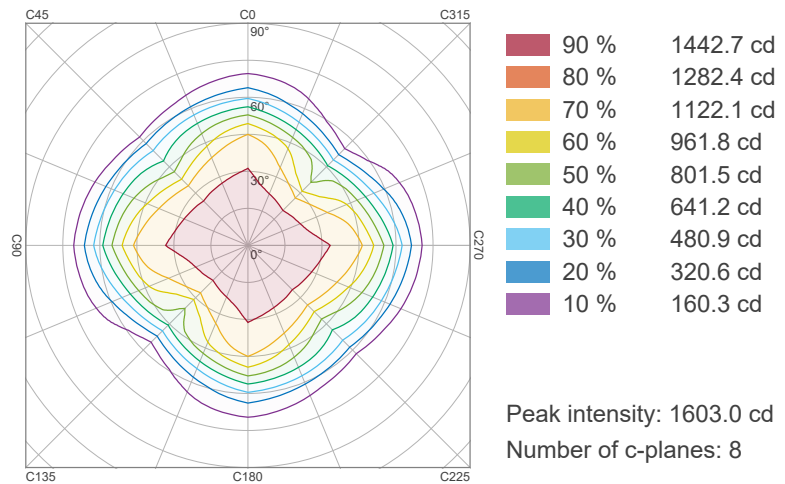
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 4000K

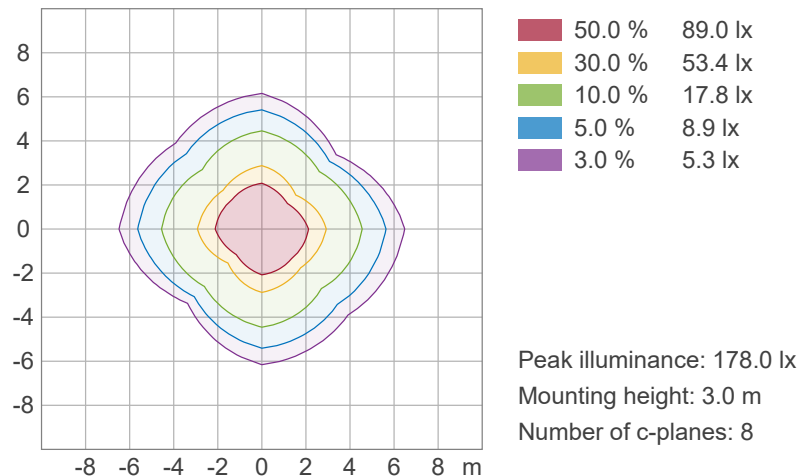


ISO Diagrams

ISO Candela Diagram



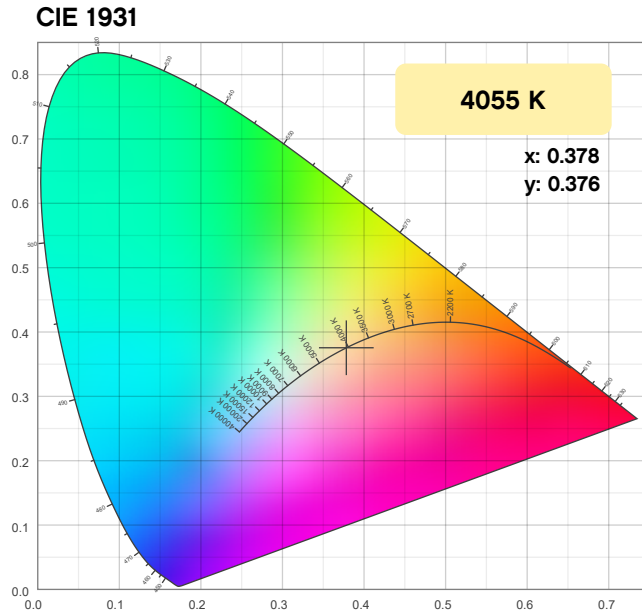
ISO Lux Diagram



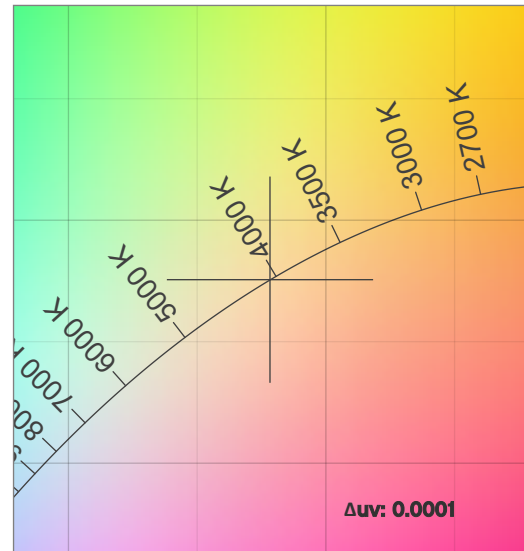
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 4000K

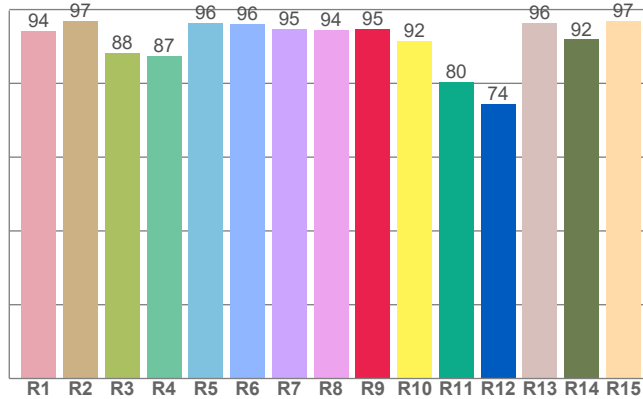
Chromaticity



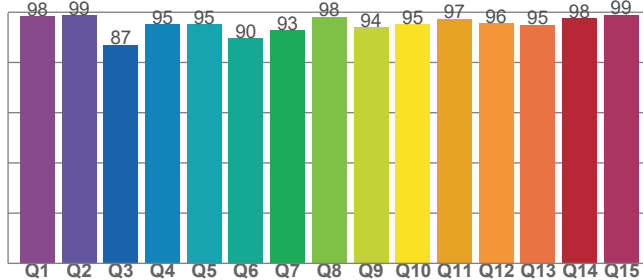
CIE 1931 - Zoom



CRI: 93.6 (R1-R8)



CQS: 94.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4055 K	0.378	0.376

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.376	0.224

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.6	94.7	94.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
87	91.8	105.2

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 4000K

TM-30 Details

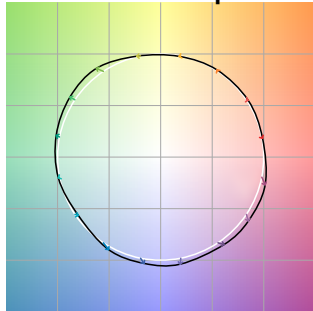
Rf 91.8

Fidelity Index
(Rg)

Rg 105.2

Gammut Index
(Rg)

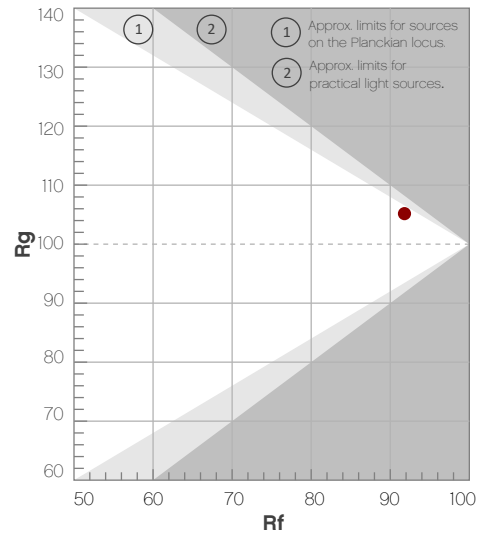
Color Vector Graphic



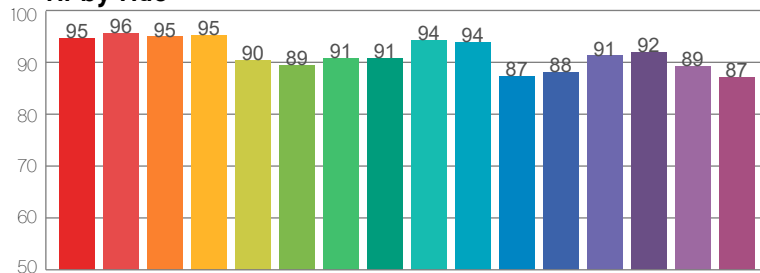
Color Distortion Graphic



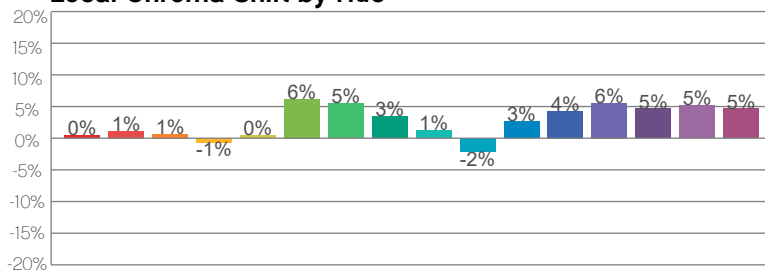
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-1%
2	96	1%	-1%
3	95	1%	2%
4	95	-1%	1%
5	90	0%	4%
6	89	6%	4%
7	91	5%	0%
8	91	3%	-1%
9	94	1%	0%
10	94	-2%	3%
11	87	3%	8%
12	88	4%	4%
13	91	6%	-2%
14	92	5%	4%
15	89	5%	-4%
16	87	5%	-7%



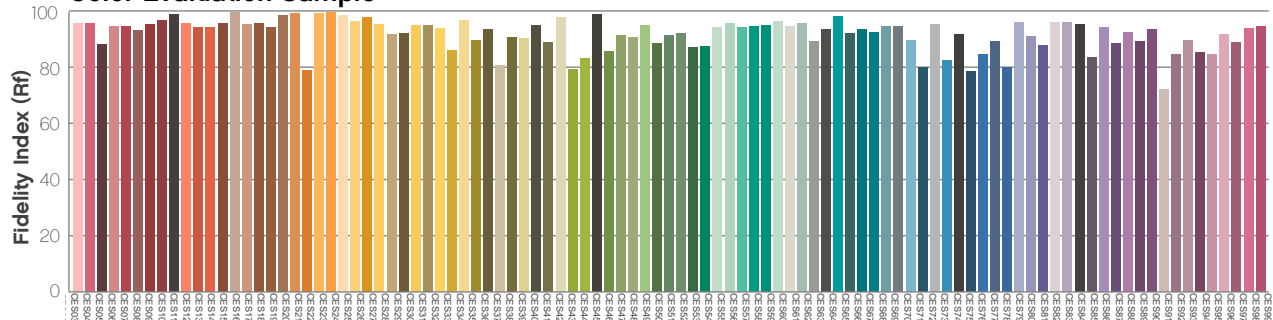
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 5600K

Report Summary

Measurements

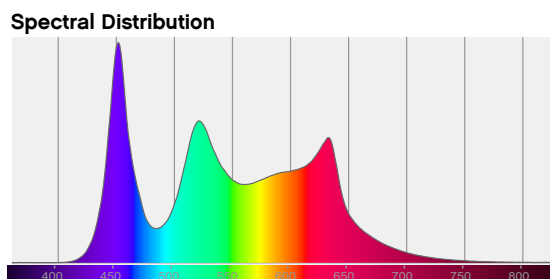
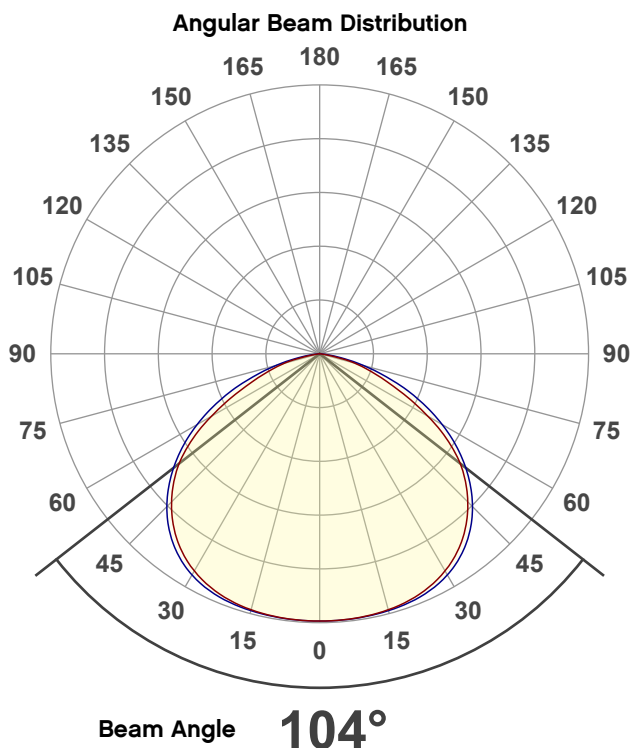
Fixture Output: 3731 lm
Fixture Peak: 1450 cd
Fixture Efficacy: 53 lm/W
Intensity @ 5m: 58 lux
Color Temperature: 5675 K
CRI: 92.5 CRI R9 Value: 95.3
CQS: 93.3
TLCI: 90
TM-30 Rf: 90.7
TM-30 Rg: 106.1
Beam Angle (50%): 104°
Field Angle (10%): 143.1°
Cutoff Angle (3%): 152.6°

Conditions

AC Supply: 119 V, 60 Hz
Power: 71.47 W
Current: 0.600 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/7/2026 to LM-63-2002 Standards.

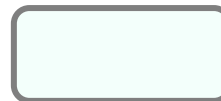
Overall Measurement



Tested Color (CIE 1931):

X: 0.329

Y: 0.337



Light Quality

CRI: 92.5

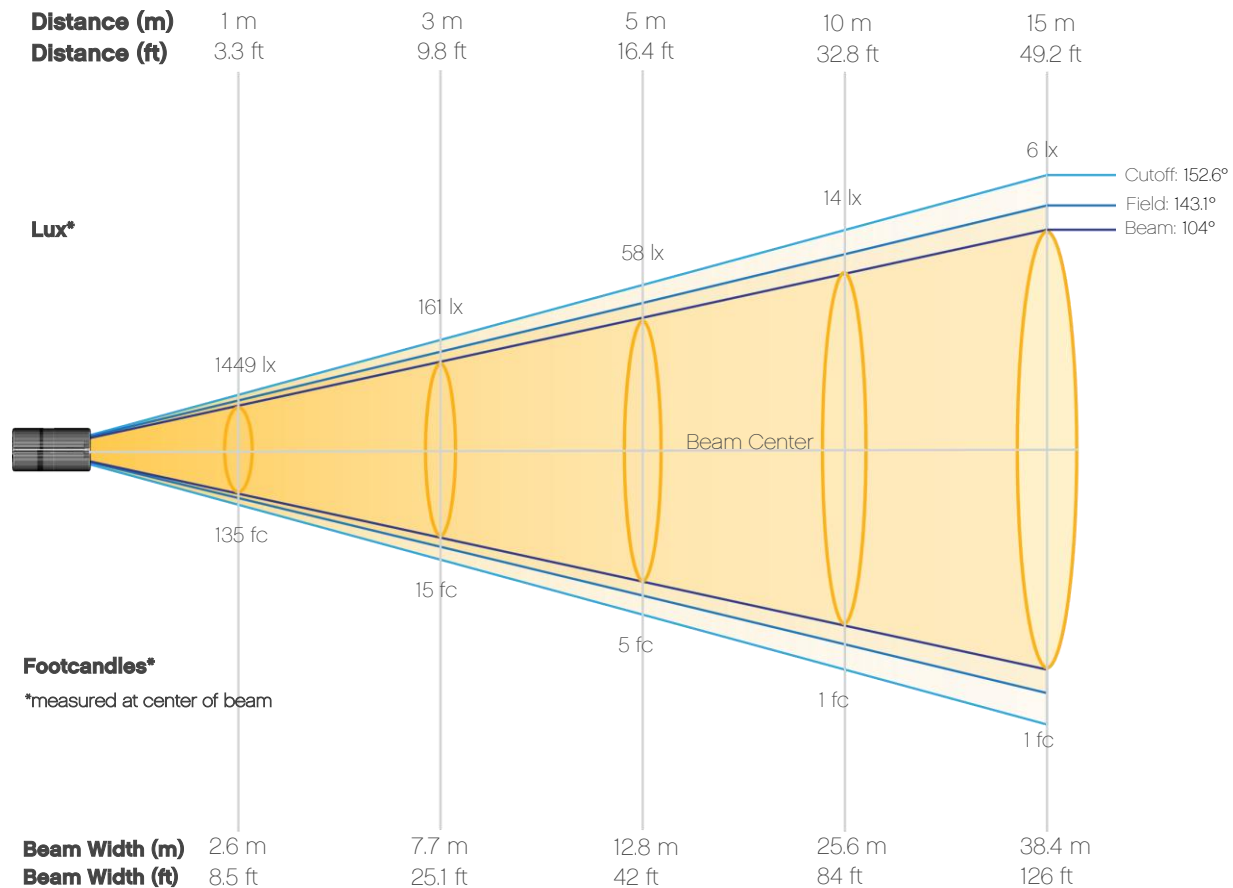
Color Temperature

5675 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 5600K

Beam Details

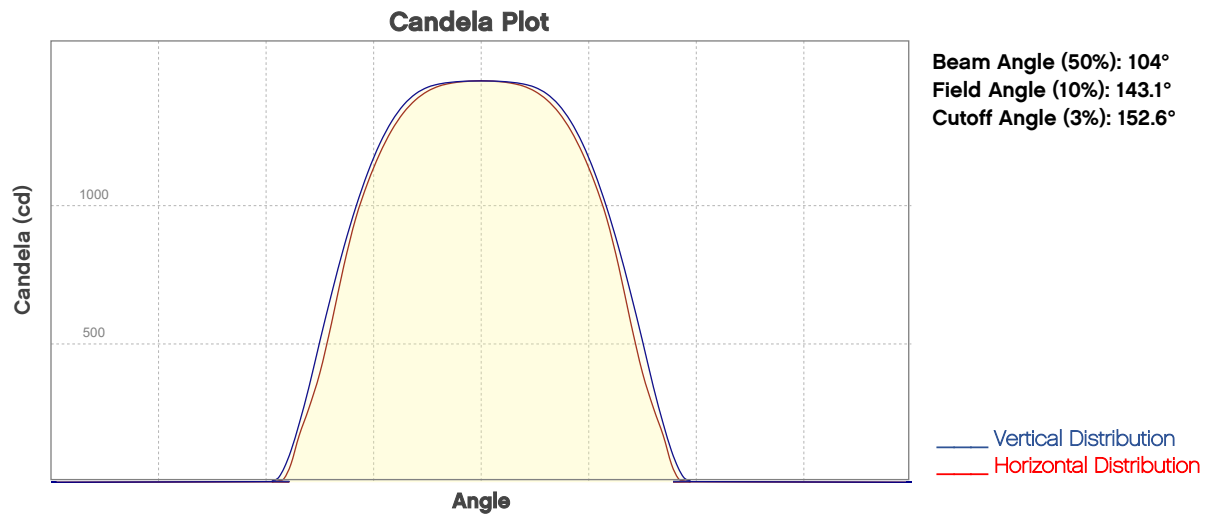


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1449	362	161	91	58	40	30	23	18	14
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	12	10	9	7	6	6	5	4	4	4
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	135	34	15	8	5	4	3	2	2	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	1	0	0	0	0

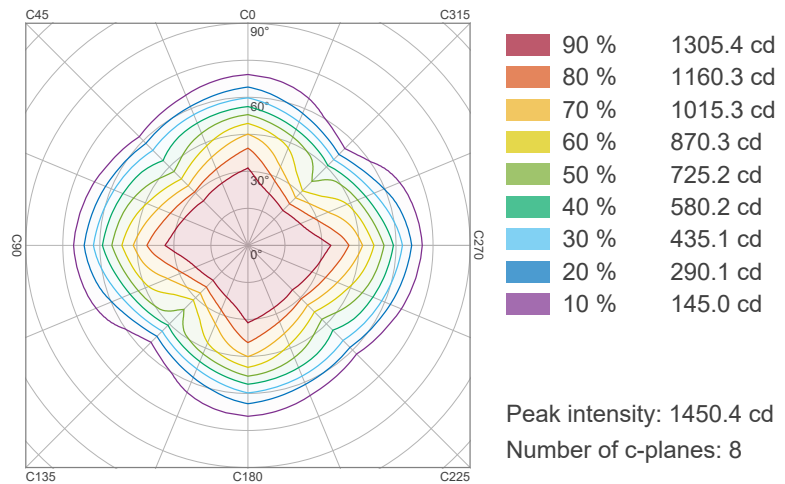
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 5600K

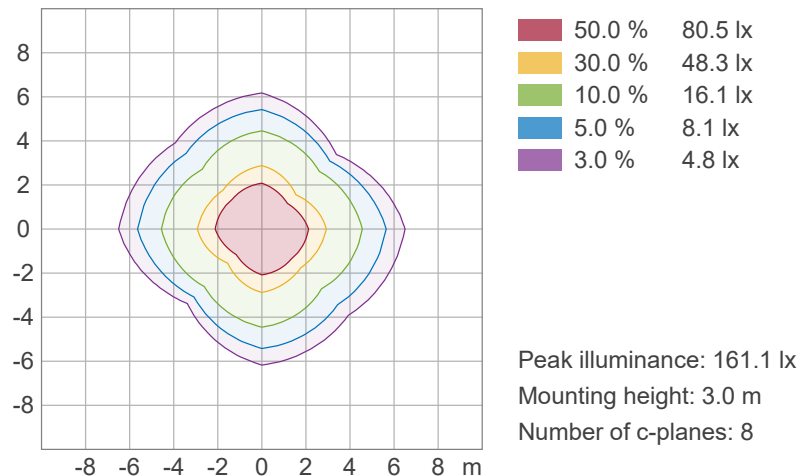


ISO Diagrams

ISO Candela Diagram



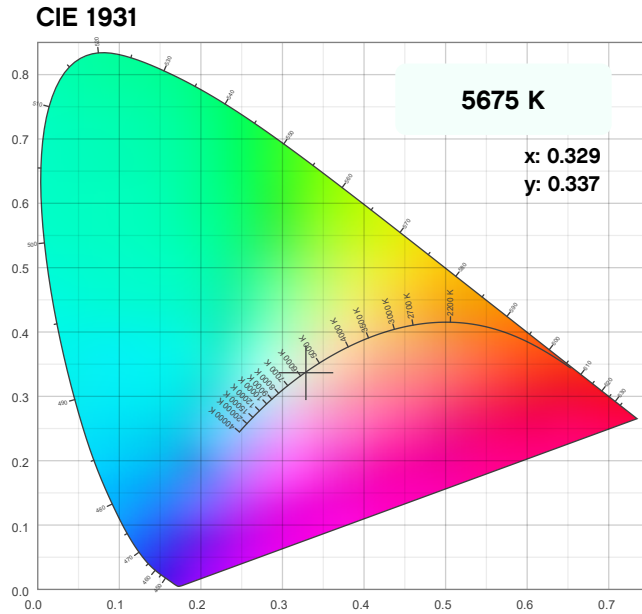
ISO Lux Diagram



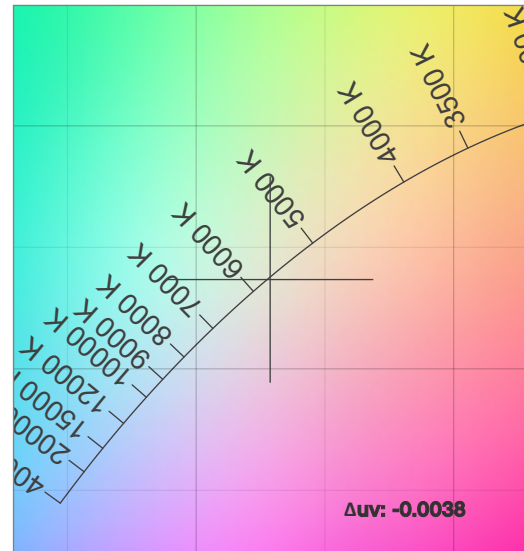
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 5600K

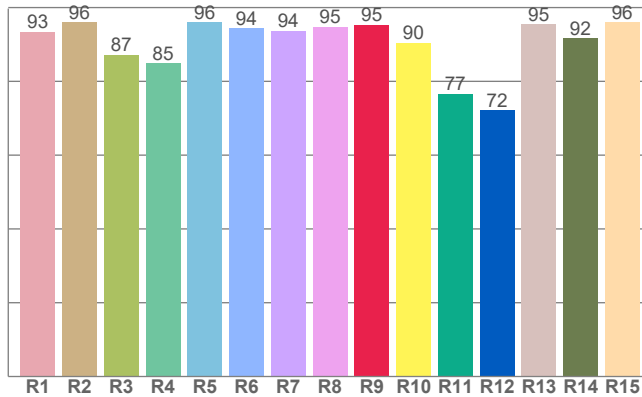
Chromaticity



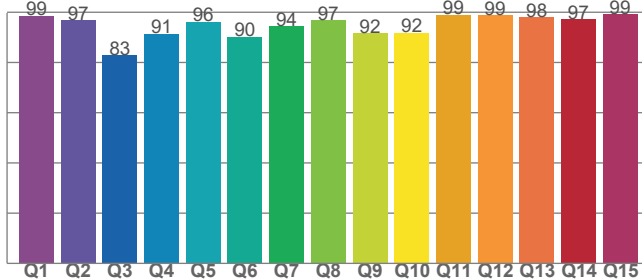
CIE 1931 - Zoom



CRI: 92.5 (R1-R8)



CQS: 93.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5675 K	0.329	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0038	0.337	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.5	95.3	93.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	90.7	106.1

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - 5600K

TM-30 Details

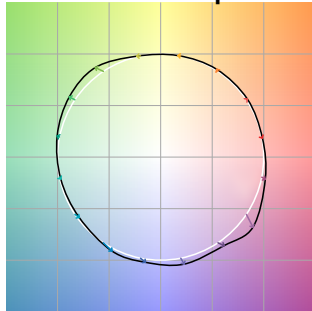
Rf 90.7

Fidelity Index
(Rg)

Rg 106.1

Gammut Index
(Rg)

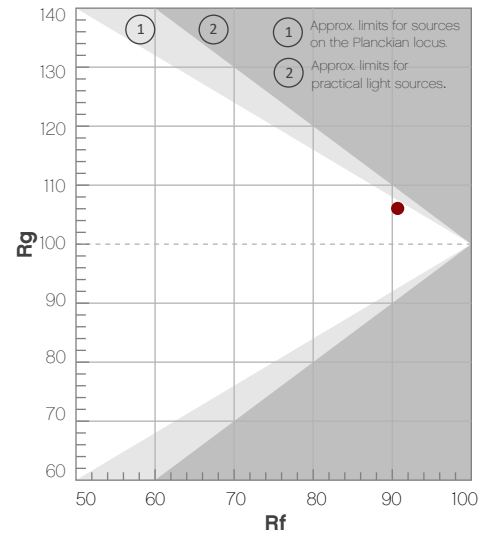
Color Vector Graphic



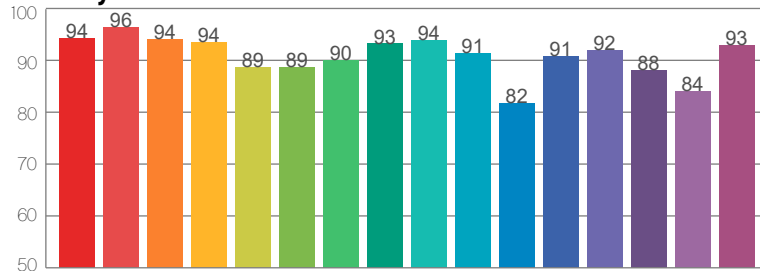
Color Distortion Graphic



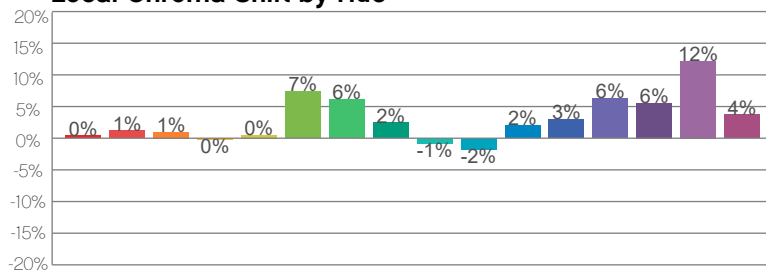
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	-1%
2	96	1%	0%
3	94	1%	2%
4	94	0%	3%
5	89	0%	4%
6	89	7%	4%
7	90	6%	1%
8	93	2%	0%
9	94	-1%	2%
10	91	-2%	5%
11	82	2%	11%
12	91	3%	5%
13	92	6%	2%
14	88	6%	3%
15	84	12%	-7%
16	93	4%	-1%



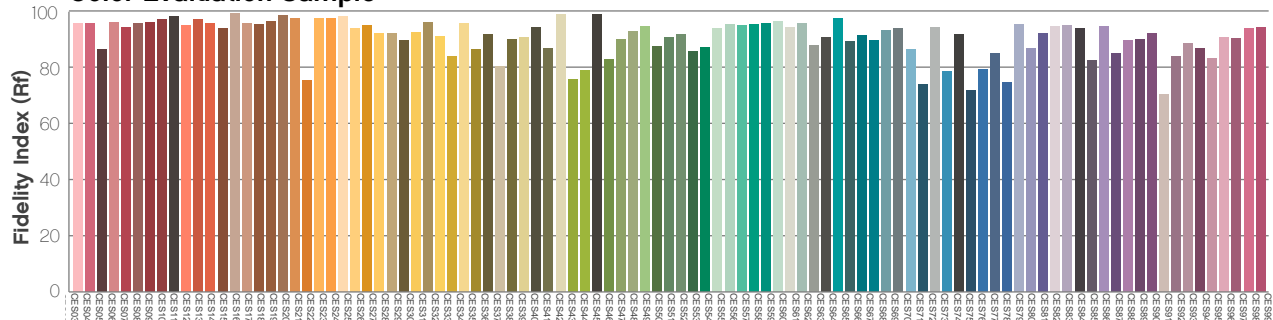
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Red Only

Report Summary

Measurements

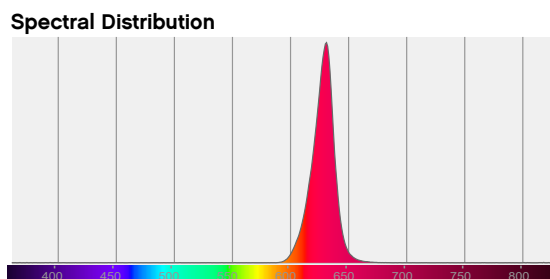
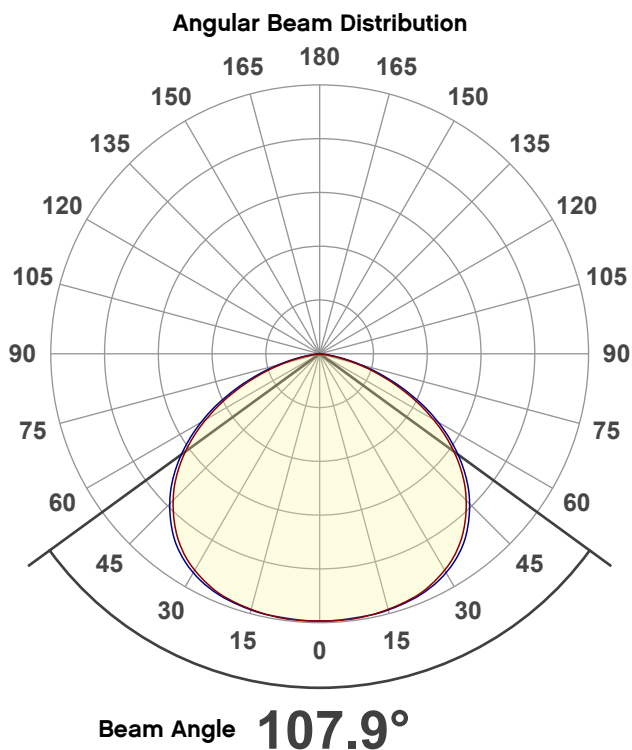
Fixture Output: 645 lm
Fixture Peak: 248 cd
Fixture Efficacy: 33 lm/W
Intensity @ 5m: 10 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 107.9°
Field Angle (10%): 142.3°
Cutoff Angle (3%): 152°

Conditions

AC Supply: 119 V, 60 Hz
Power: 20.85 W
Current: 0.176 A
Power Factor: 0.95

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.695

Y: 0.304



Light Quality

CRI: 0.0

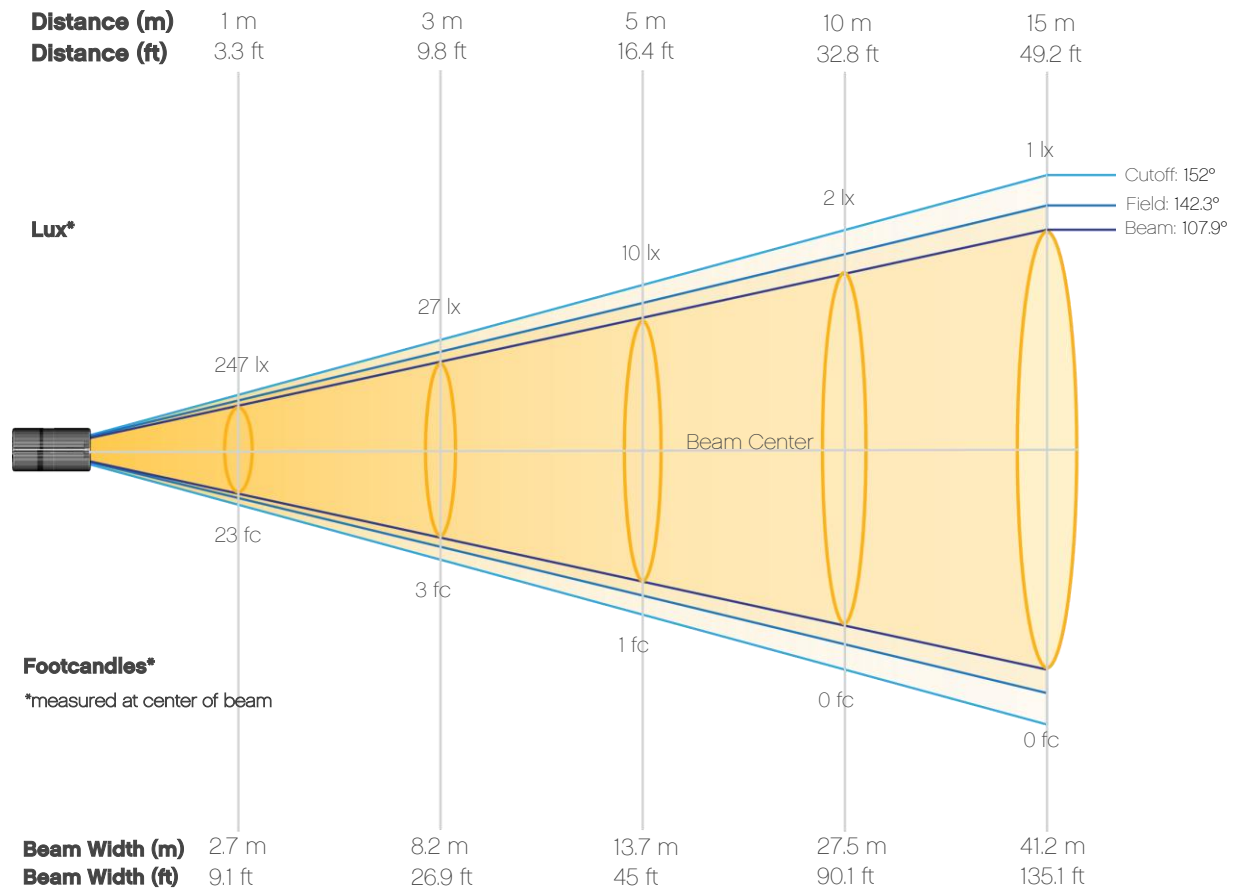
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Red Only

Beam Details

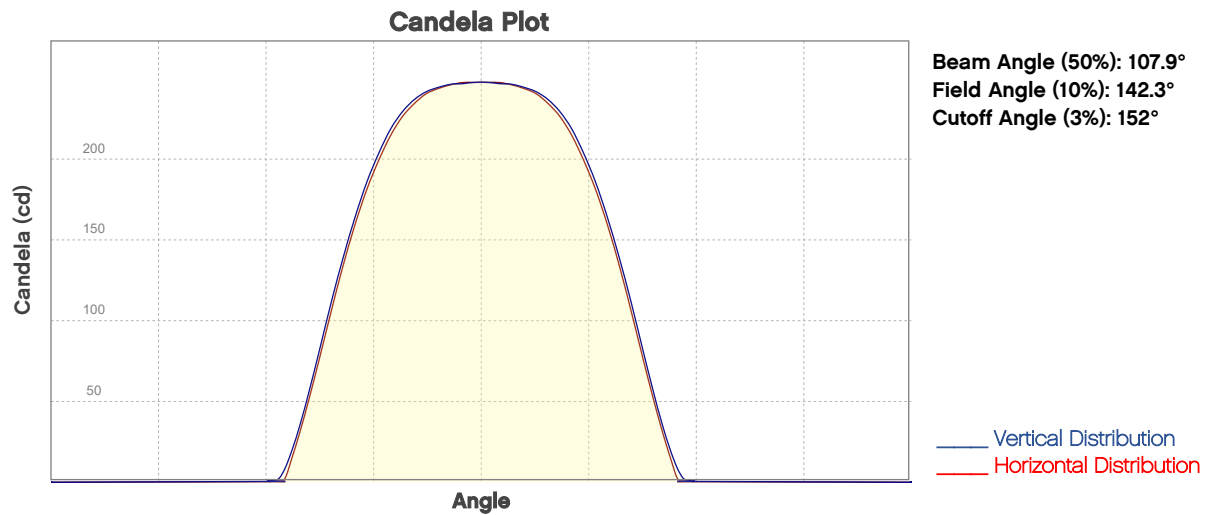


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	247	62	27	15	10	7	5	4	3	2
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2	2	1	1	1	1	1	1	1	1
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	23	6	3	1	1	1	0	0	0	0
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

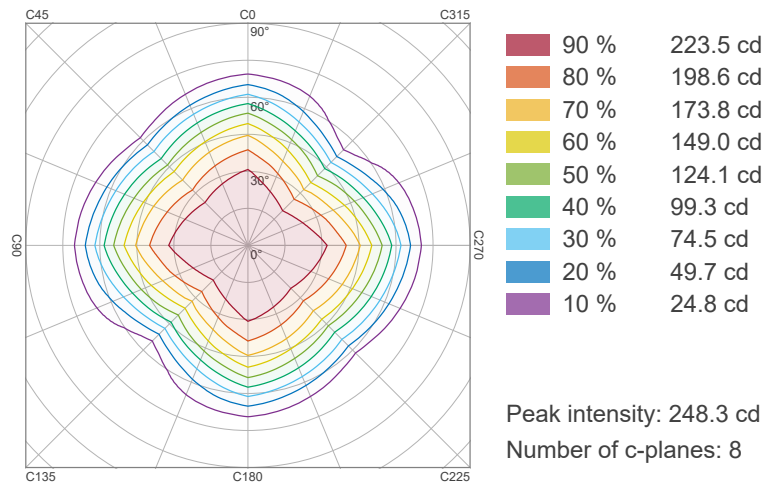
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Red Only

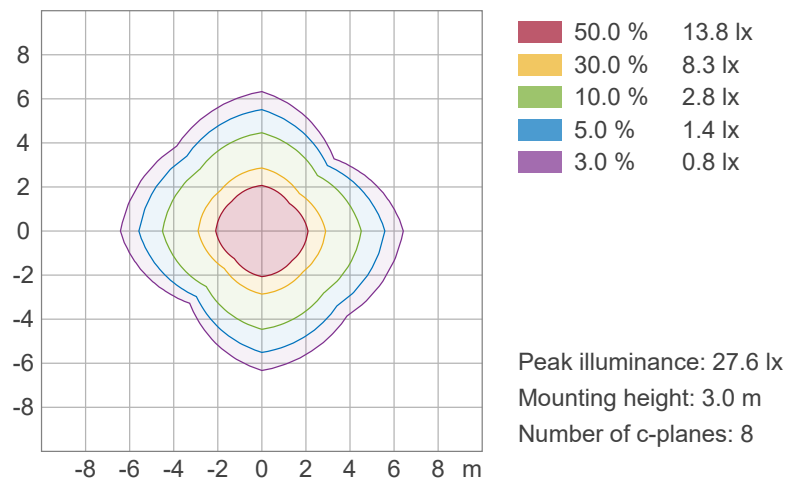


ISO Diagrams

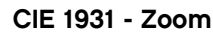
ISO Candela Diagram



ISO Lux Diagram



COLORado Solo Edge 1: Standard Optics - Red Only

CIE 1931

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Red Only

TM-30 Details

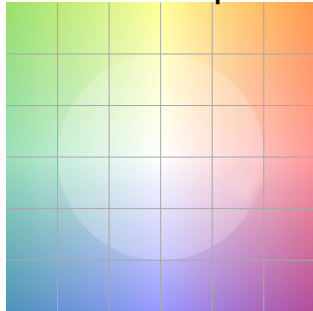
Rf 0.0

Fidelity Index
(Rg)

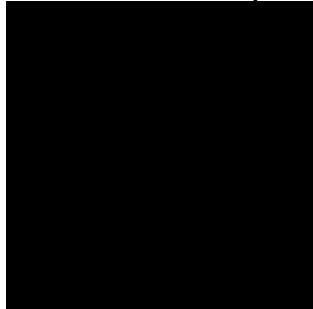
Rg 0.0

Gammut Index
(Rg)

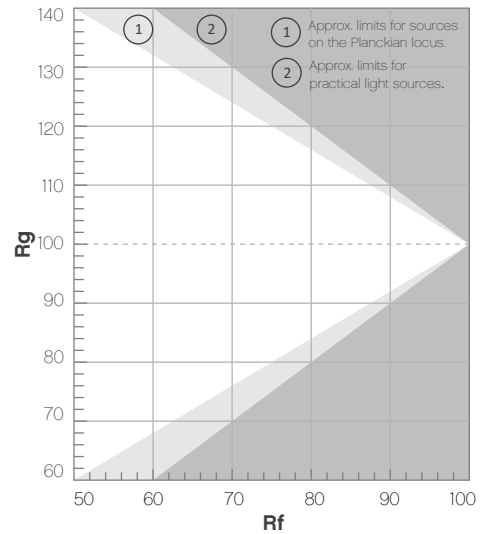
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Green Only

Report Summary

Measurements

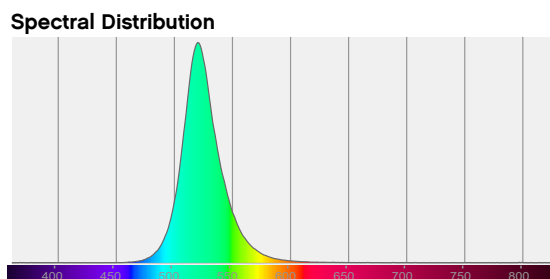
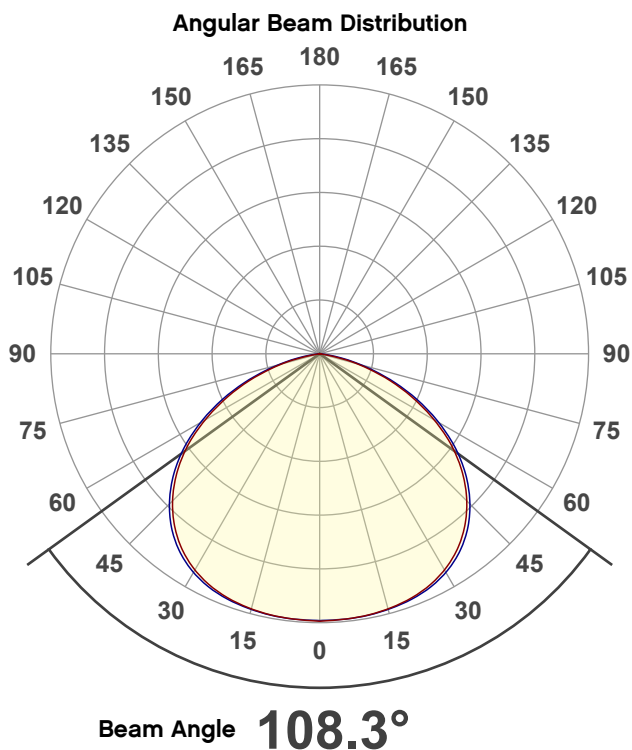
Fixture Output: 1445 lm
Fixture Peak: 551 cd
Fixture Efficacy: 43 lm/W
Intensity @ 5m: 22 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 108.3°
Field Angle (10%): 142.6°
Cutoff Angle (3%): 151.6°

Conditions

AC Supply: 118 V, 60 Hz
Power: 34.15 W
Current: 0.289 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.165

Y: 0.729



Light Quality

CRI: 0.0

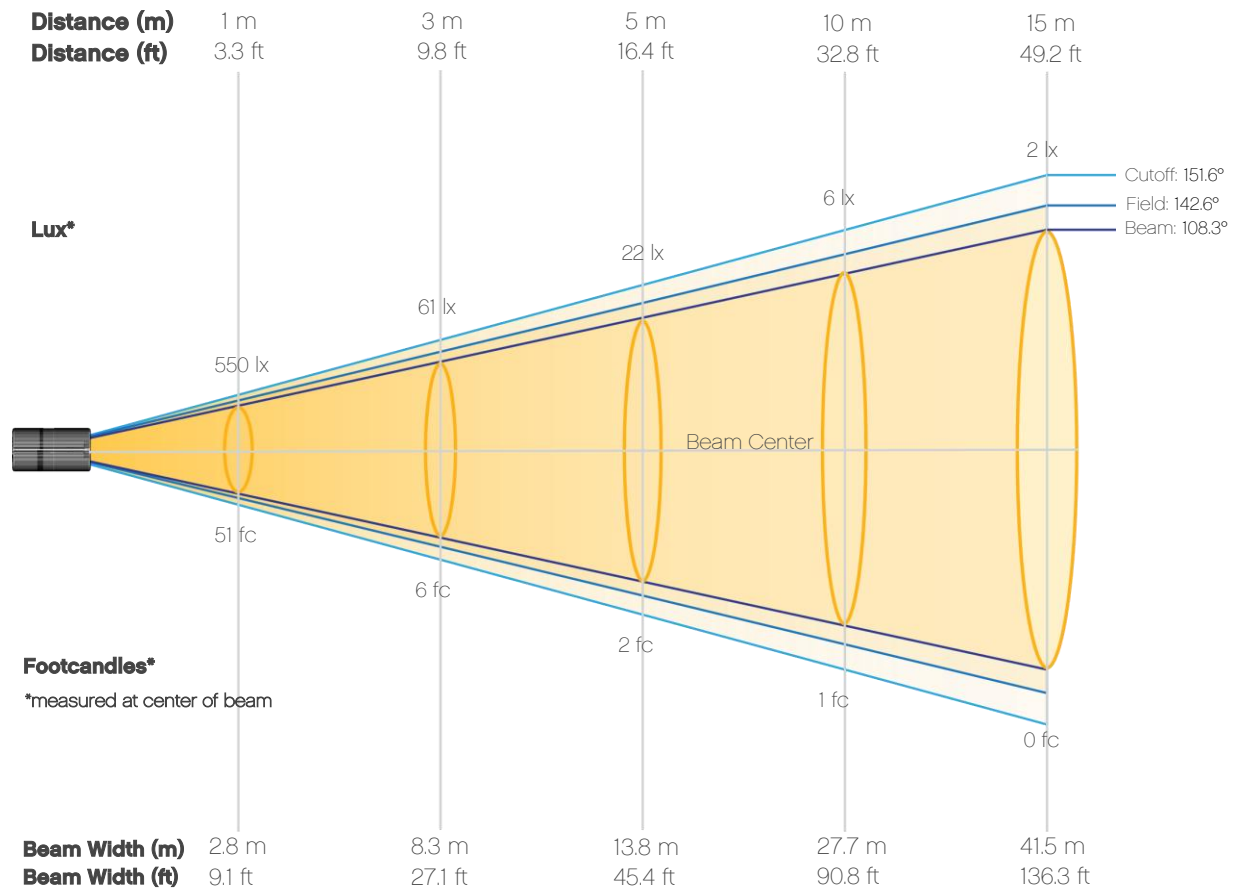
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Green Only

Beam Details

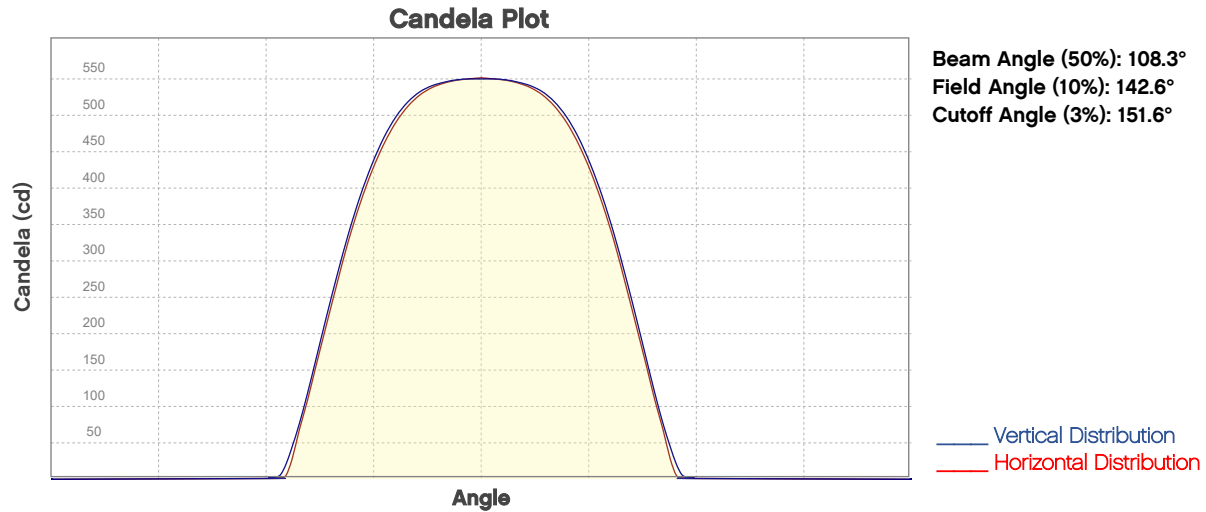


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	550	138	61	34	22	15	11	9	7	6
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	5	4	3	3	2	2	2	2	2	1
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	51	13	6	3	2	1	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

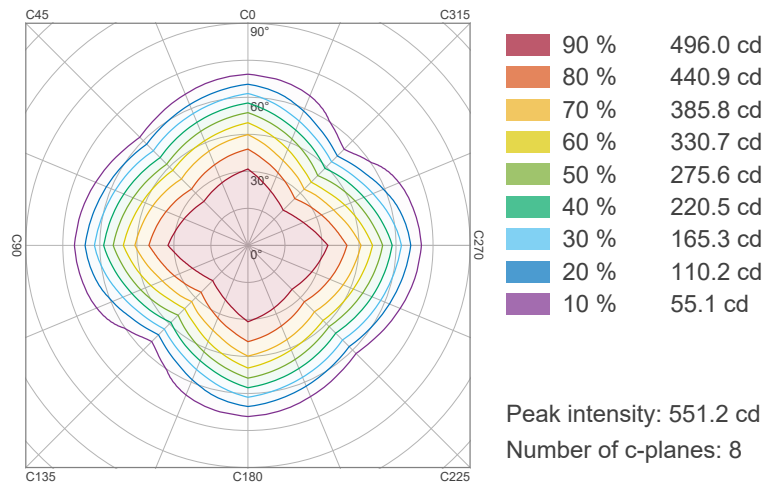
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Green Only

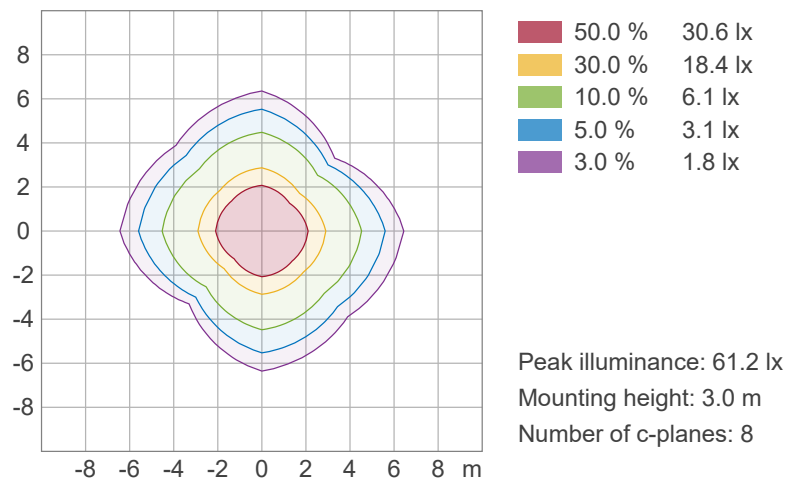


ISO Diagrams

ISO Candela Diagram

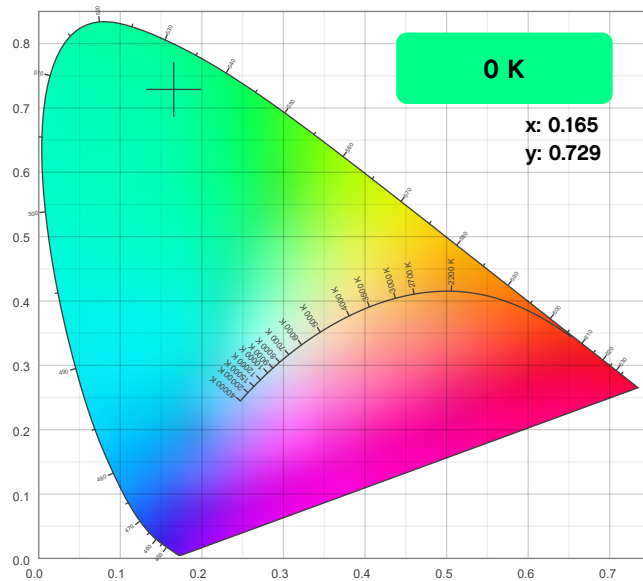


ISO Lux Diagram



COLORado Solo Edge 1: Standard Optics - Green Only

CIE 1931



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

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.165	0.729

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{UV}	y	u
n/a	0.729	0.058

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

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

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Green Only

TM-30 Details

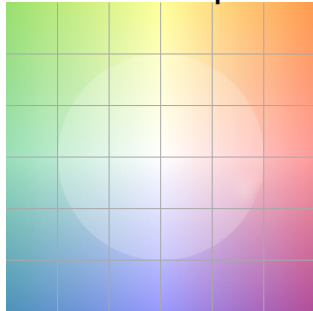
Rf 0.0

Fidelity Index
(Rg)

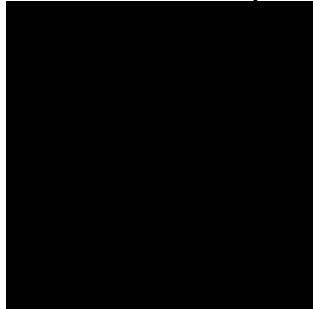
Rg 0.0

Gammut Index
(Rg)

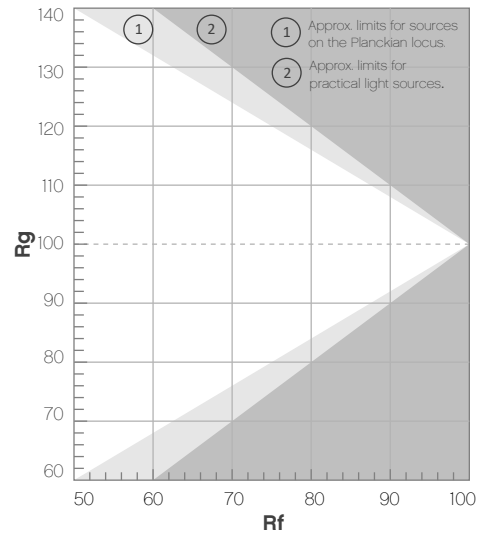
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Blue Only

Report Summary

Measurements

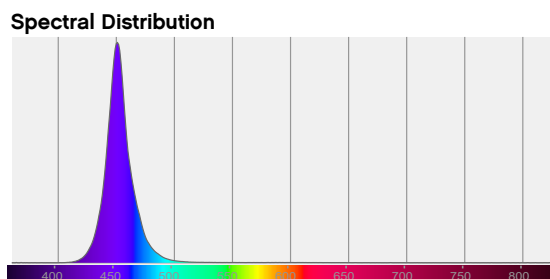
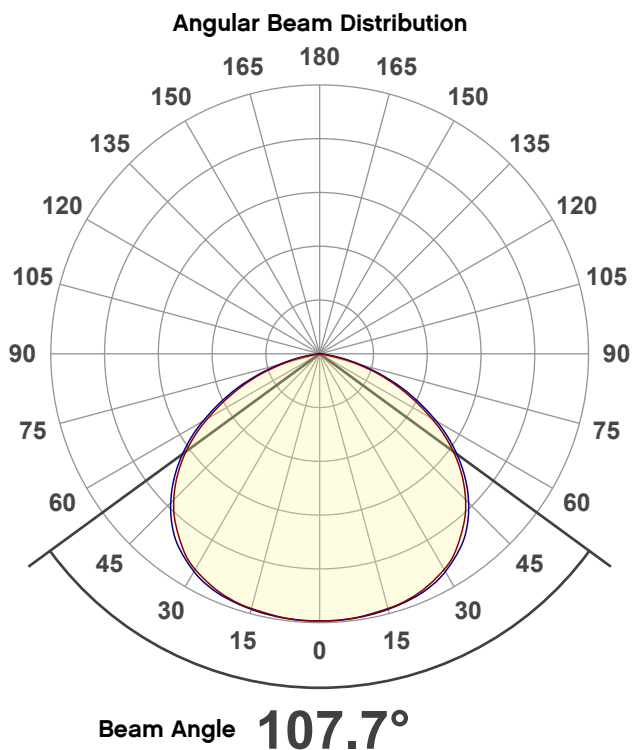
Fixture Output: 320 lm
Fixture Peak: 124 cd
Fixture Efficacy: 9 lm/W
Intensity @ 5m: 5 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 107.7°
Field Angle (10%): 142.6°
Cutoff Angle (3%): 152.1°

Conditions

AC Supply: 118 V, 60 Hz
Power: 34.8 W
Current: 0.295 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.153

Y: 0.028



Light Quality

CRI: 0.0

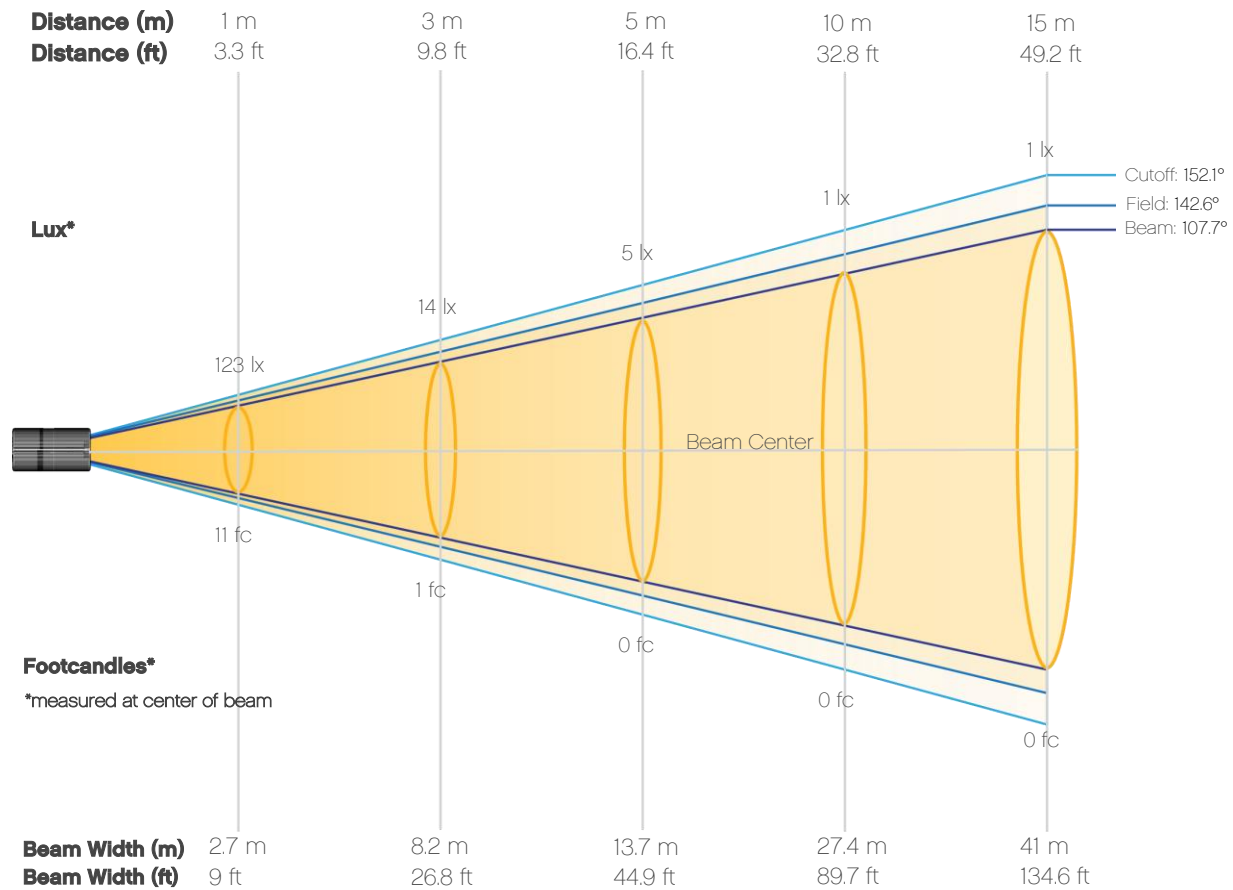
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Blue Only

Beam Details

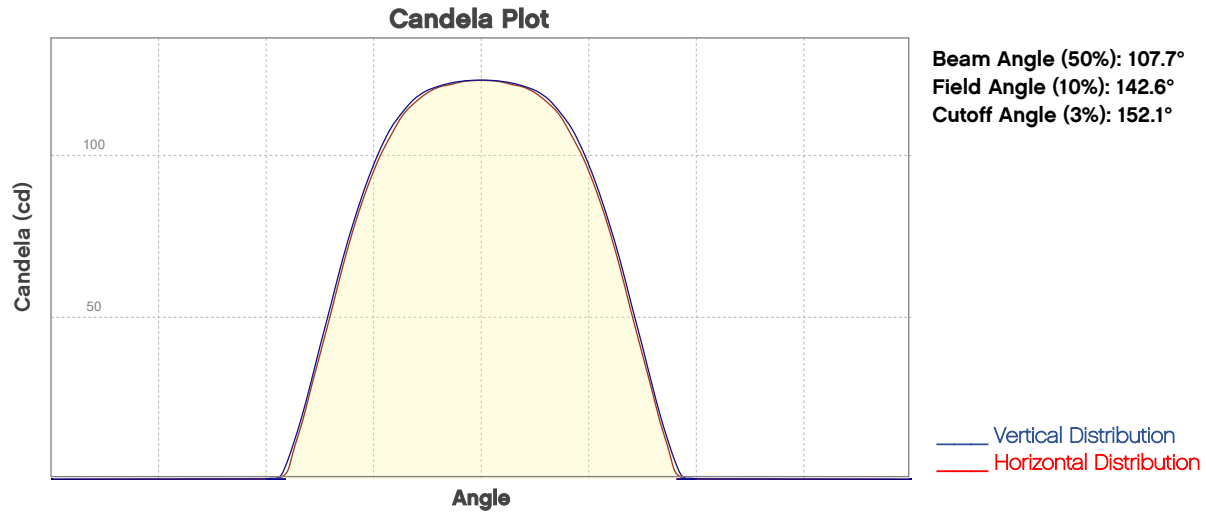


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	123	31	14	8	5	3	3	2	2	1
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1	1	1	1	1	0	0	0	0	0
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11	3	1	1	0	0	0	0	0	0
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

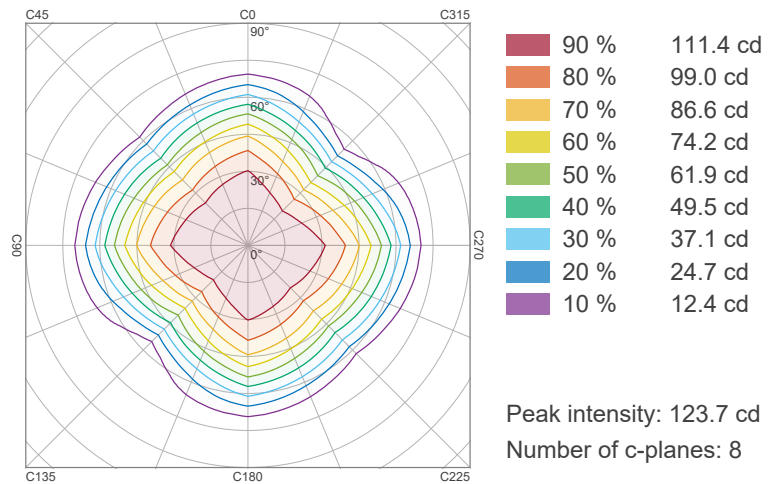
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Blue Only

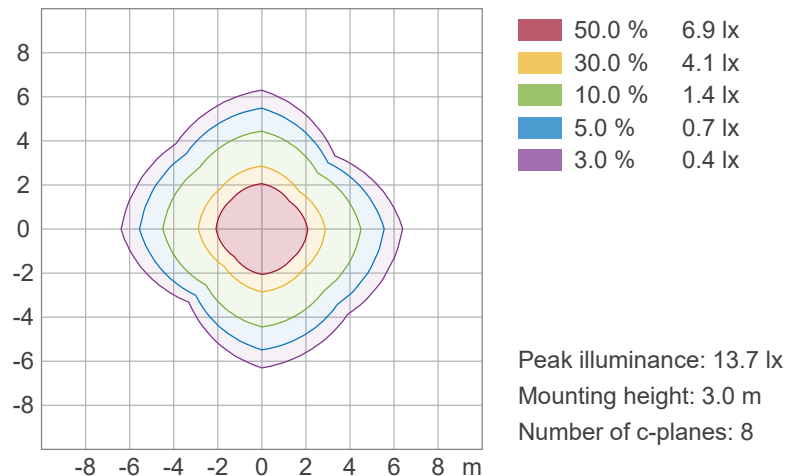


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Blue Only

TM-30 Details

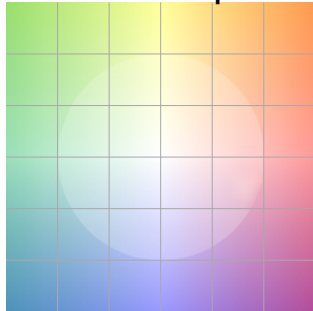
Rf 0.0

Fidelity Index
(Rg)

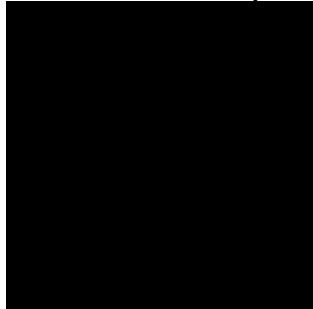
Rg 0.0

Gammut Index
(Rg)

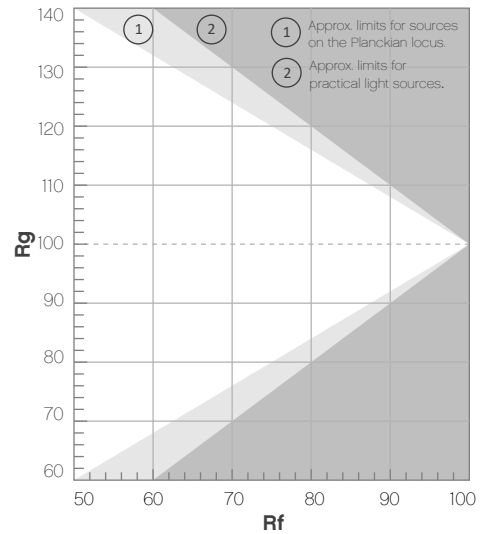
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Warm White Only

Report Summary

Measurements

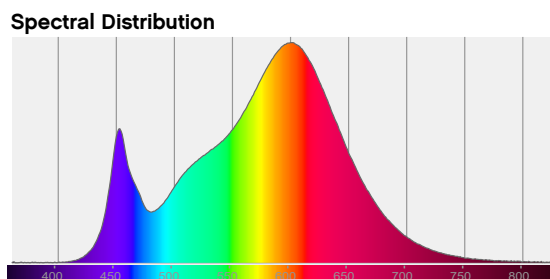
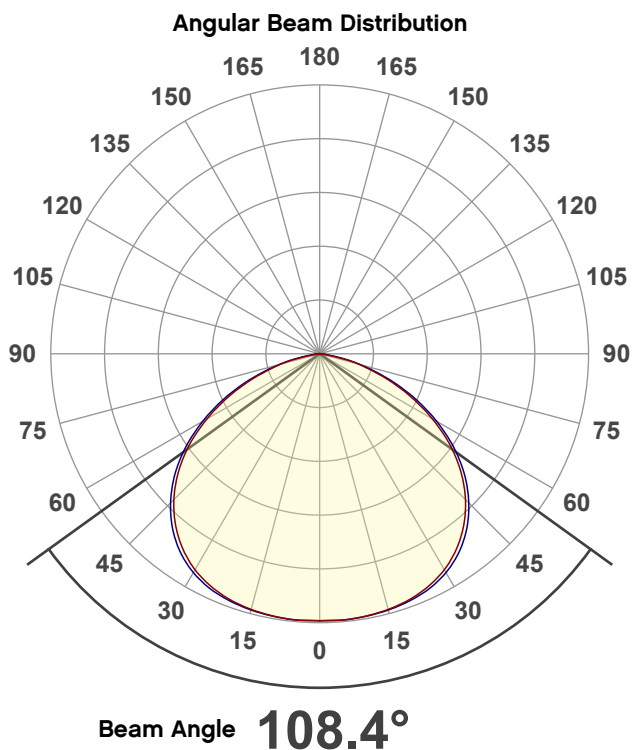
Fixture Output: 2375 lm
Fixture Peak: 905 cd
Fixture Efficacy: 73 lm/W
Intensity @ 5m: 36 lux
Color Temperature: 3162 K
CRI: 81.0 CRI R9 Value: -3.4
CQS: 80.4
TLCI: 64
TM-30 Rf: 83.6
TM-30 Rg: 94.3
Beam Angle (50%): 108.4°
Field Angle (10%): 143.3°
Cutoff Angle (3%): 152.3°

Conditions

AC Supply: 118 V, 60 Hz
Power: 33.61 W
Current: 0.285 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.425

Y: 0.397



Light Quality

CRI: 81.0

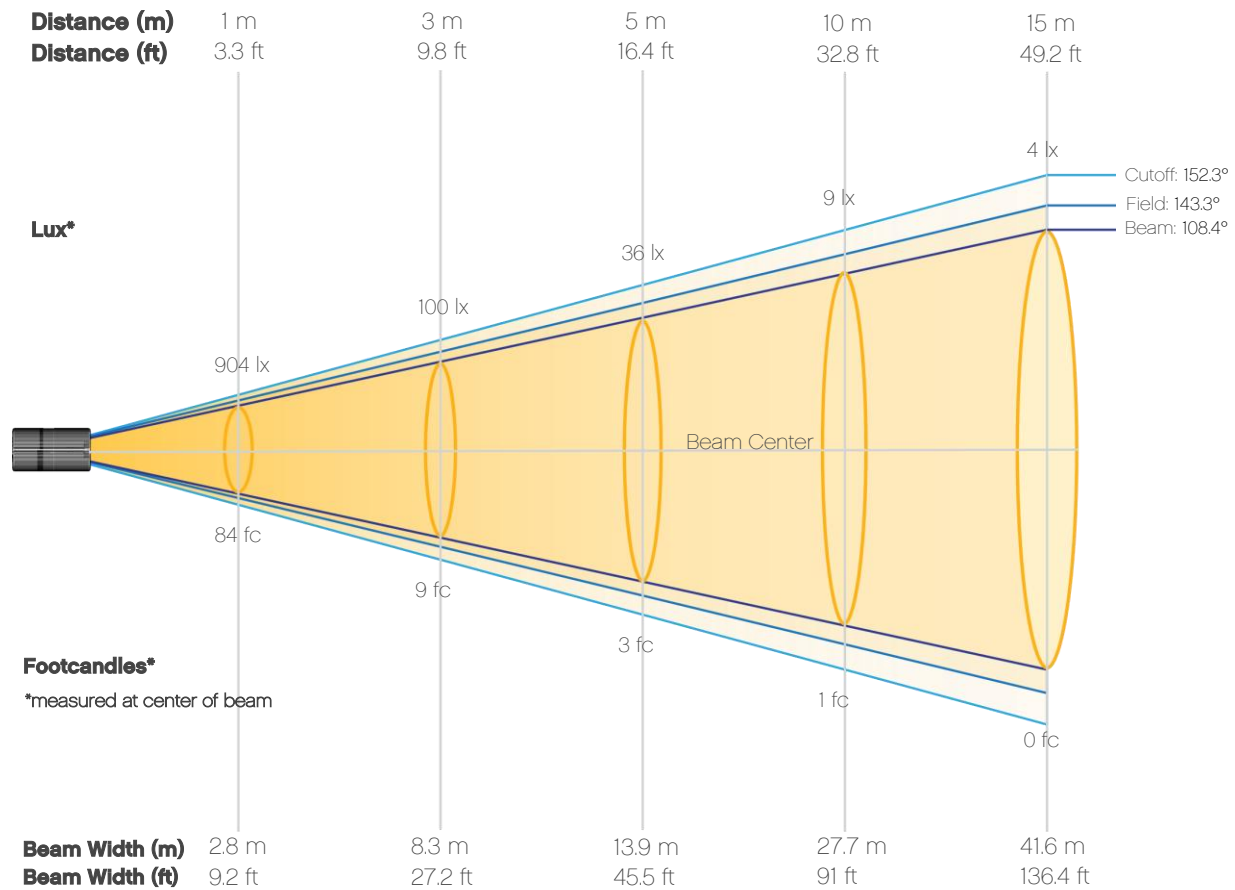
Color Temperature

3162 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Warm White Only

Beam Details

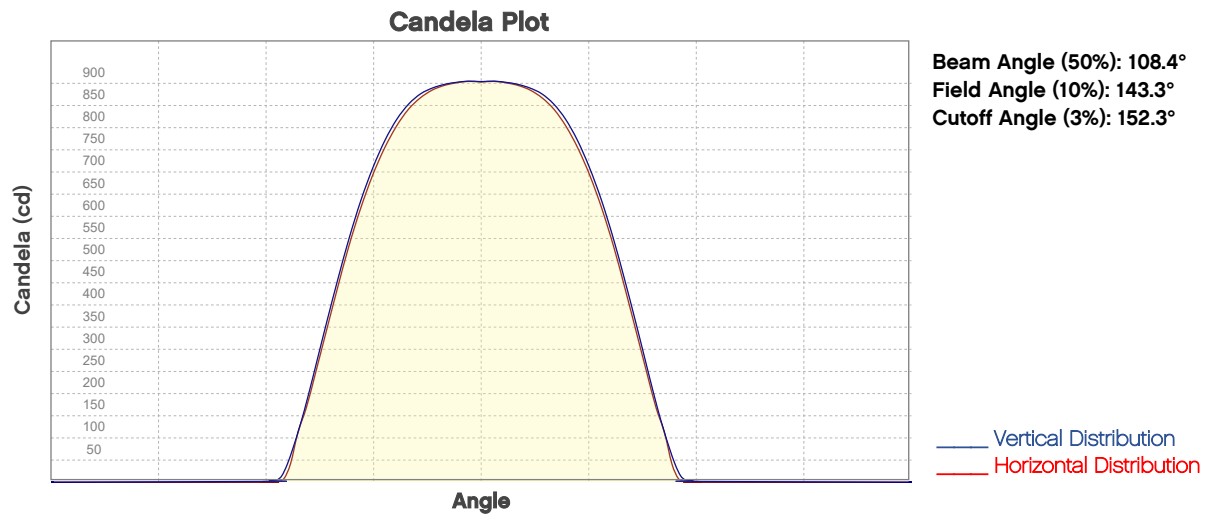


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	904	226	100	57	36	25	18	14	11	9
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7	6	5	5	4	4	3	3	3	2
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	84	21	9	5	3	2	2	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	1	1	0	0	0	0	0	0	0	0

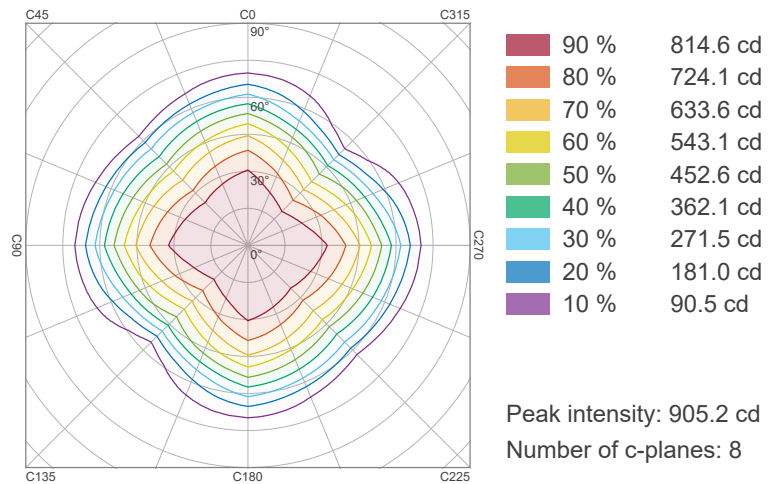
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Warm White Only

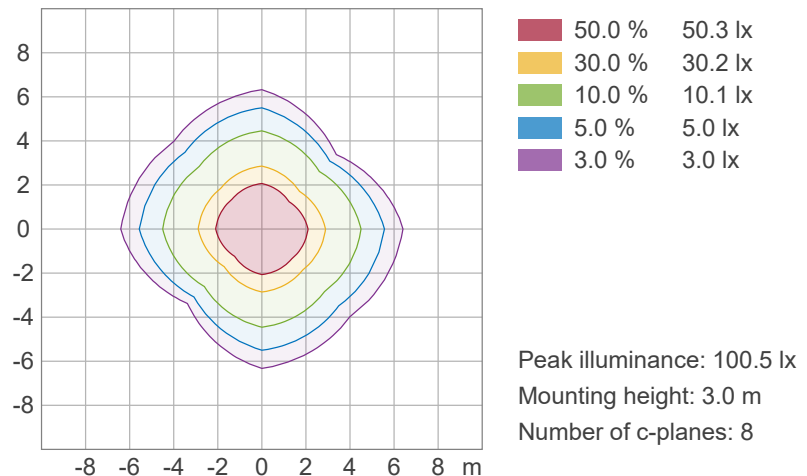


ISO Diagrams

ISO Candela Diagram



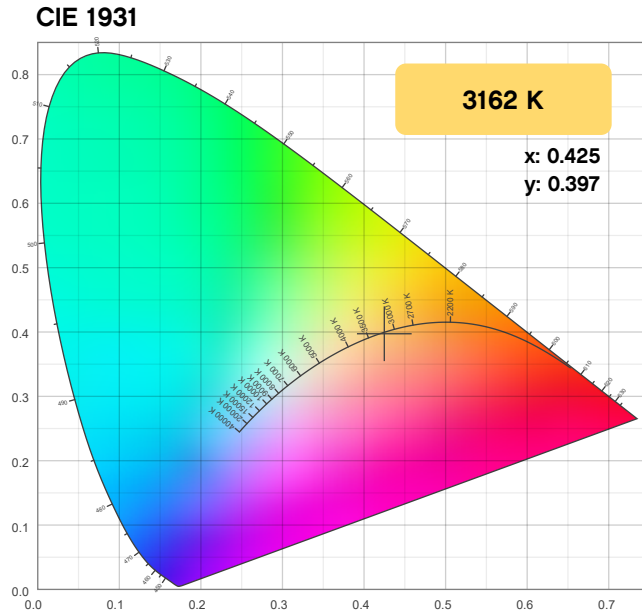
ISO Lux Diagram



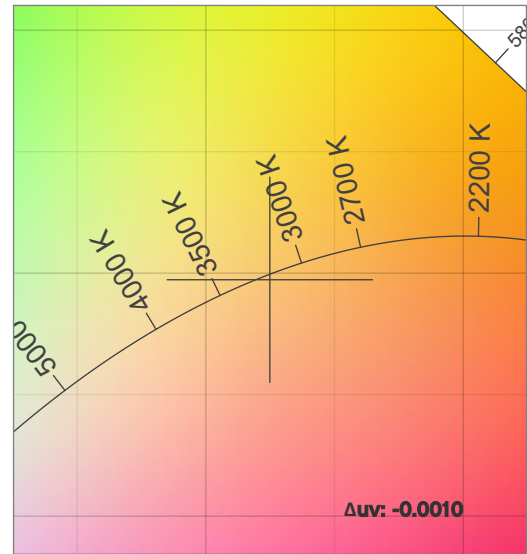
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Warm White Only

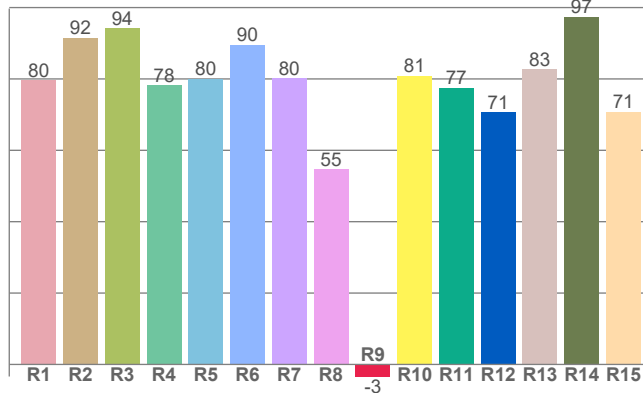
Chromaticity



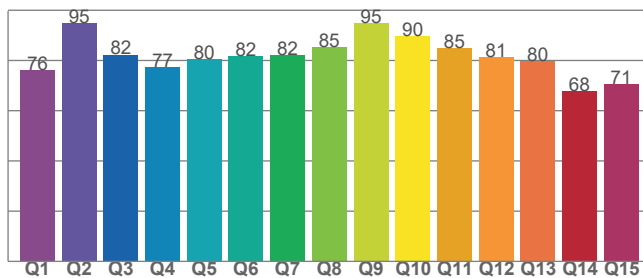
CIE 1931 - Zoom



CRI: 81.0 (R1-R8)



CQS: 80.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3162 K	0.425	0.397

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0010	0.397	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
81.0	-3.4	80.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	83.6	94.3

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Warm White Only

TM-30 Details

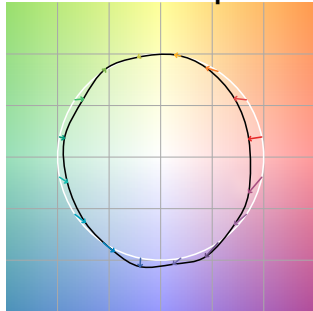
Rf 83.6

Fidelity Index
(R_f)

Rg 94.3

Gammut Index
(R_g)

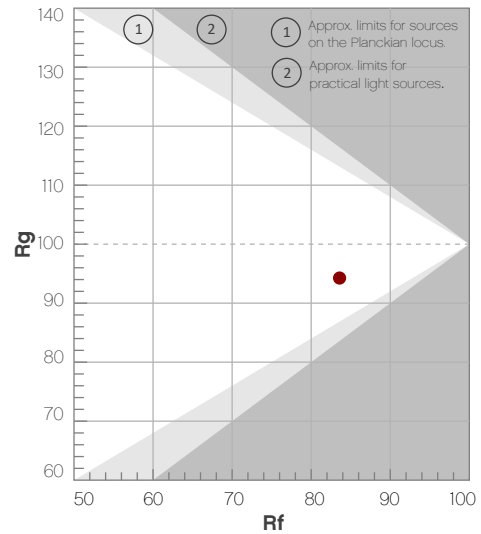
Color Vector Graphic



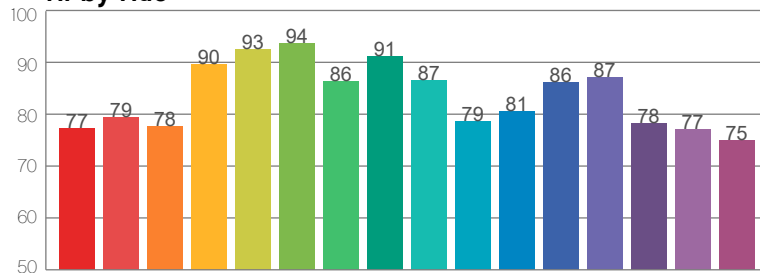
Color Distortion Graphic



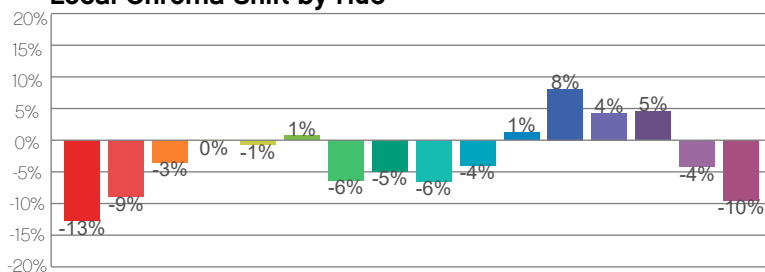
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	77	-13%	1%
2	79	-9%	8%
3	78	-3%	11%
4	90	0%	6%
5	93	-1%	3%
6	94	1%	-3%
7	86	-6%	-5%
8	91	-5%	0%
9	87	-6%	6%
10	79	-4%	12%
11	81	1%	13%
12	86	8%	1%
13	87	4%	-8%
14	78	5%	-17%
15	77	-4%	-14%
16	75	-10%	-17%



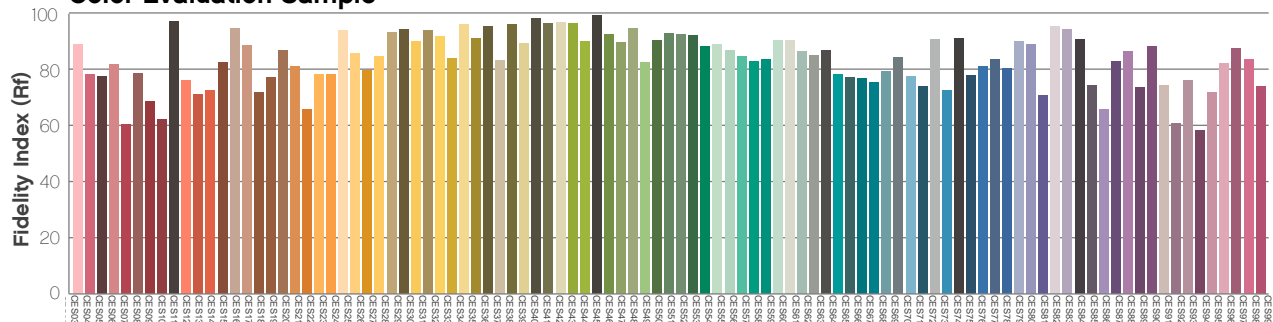
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Lime Only

Report Summary

Measurements

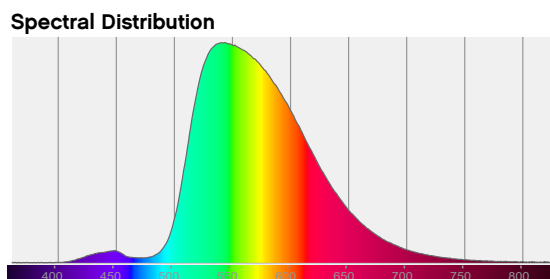
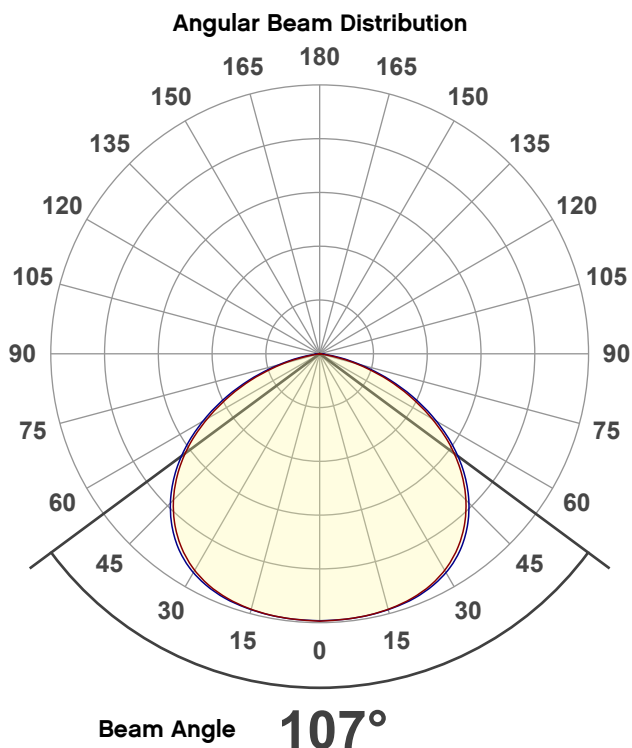
Fixture Output: 3315 lm
Fixture Peak: 1281 cd
Fixture Efficacy: 103 lm/W
Intensity @ 5m: 51 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 107°
Field Angle (10%): 142°
Cutoff Angle (3%): 151.8°

Conditions

AC Supply: 118 V, 60 Hz
Power: 33.21 W
Current: 0.281 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.416

Y: 0.540



Light Quality

CRI: 0.0

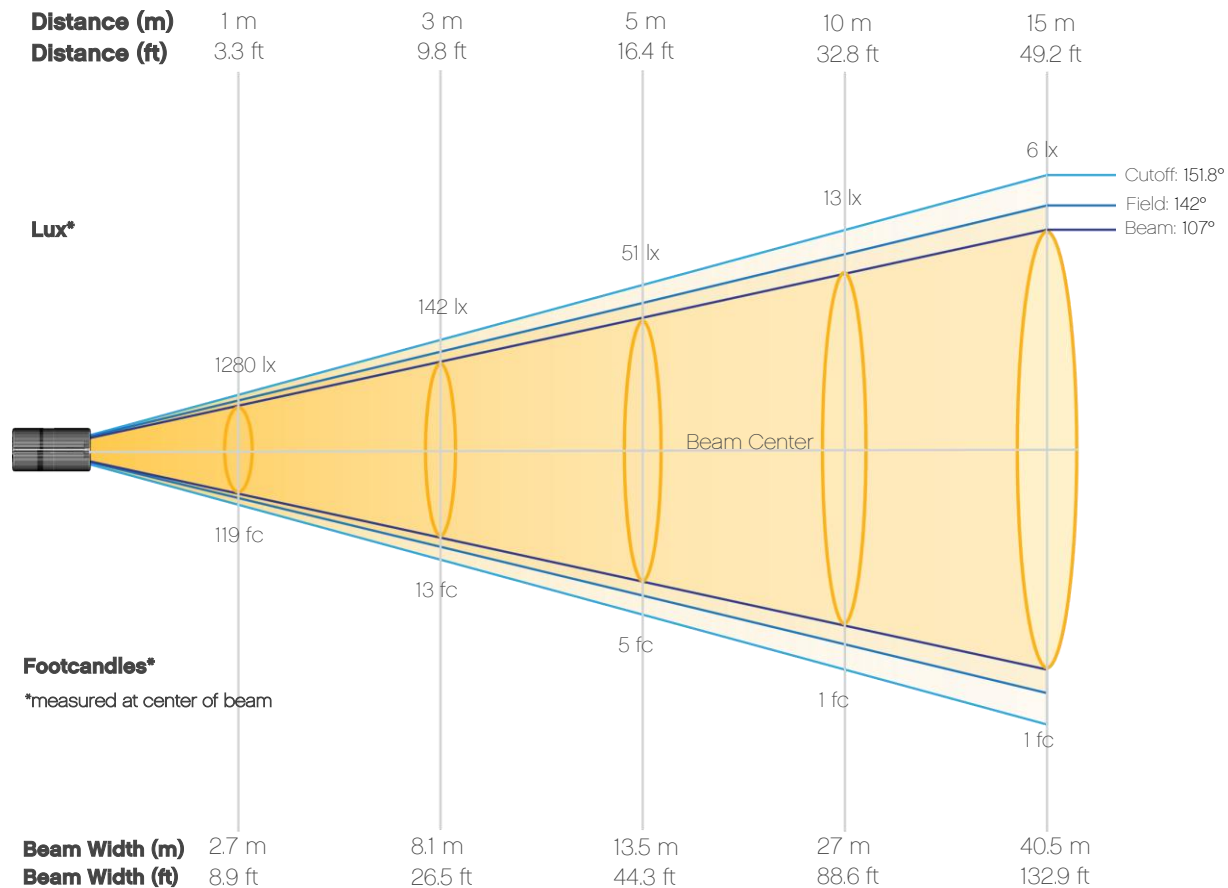
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Lime Only

Beam Details

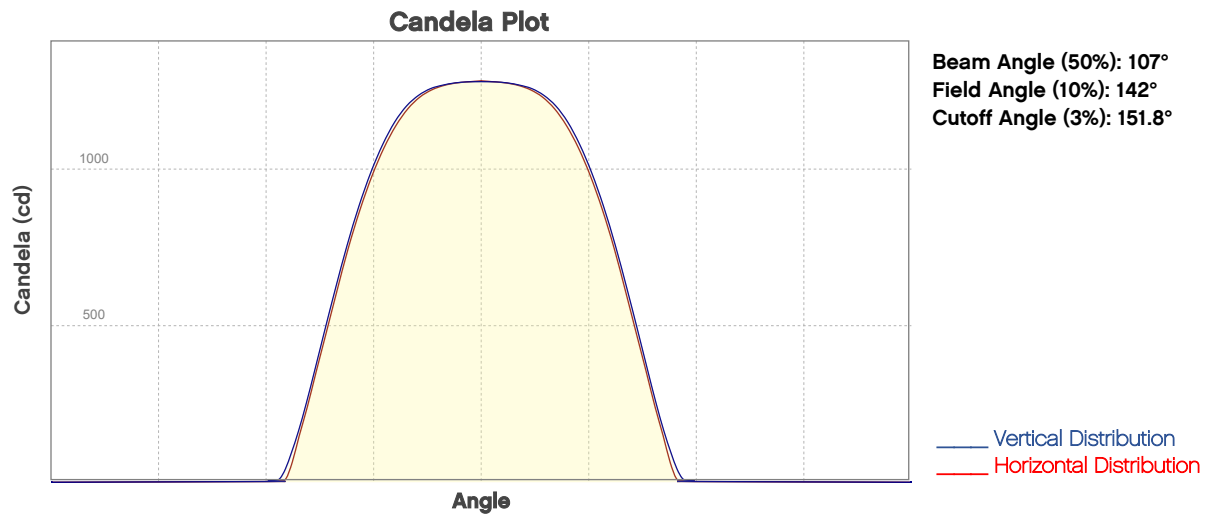


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1280	320	142	80	51	36	26	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	119	30	13	7	5	3	2	2	1	1
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	1	1	1	0	0	0	0	0

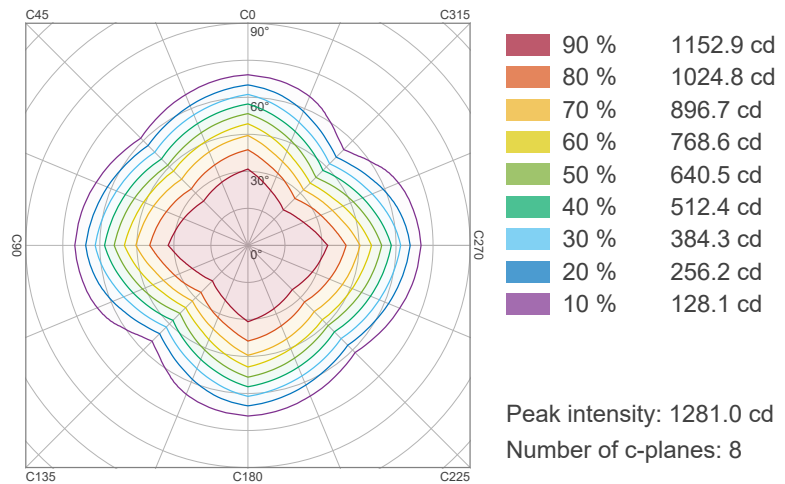
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Lime Only

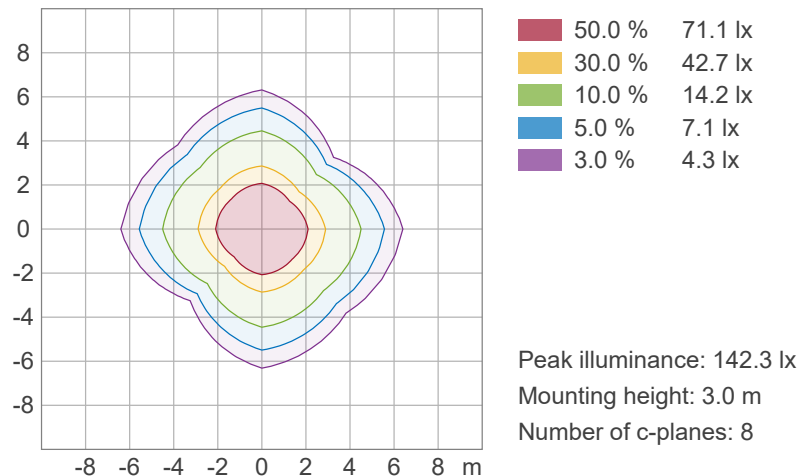


ISO Diagrams

ISO Candela Diagram



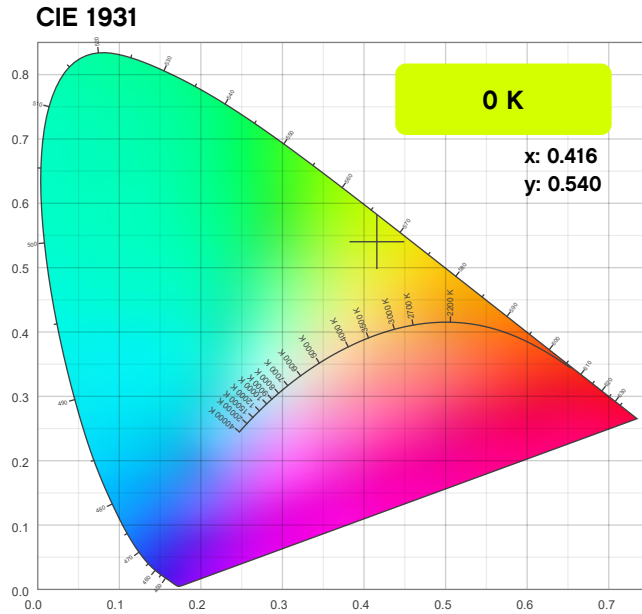
ISO Lux Diagram



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Lime Only

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	d11	d12	d13	d14	d15	

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.416	0.540

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.540	0.192

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

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

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics - Lime Only

TM-30 Details

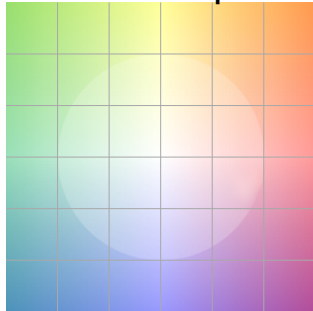
Rf 0.0

Fidelity Index
(Rg)

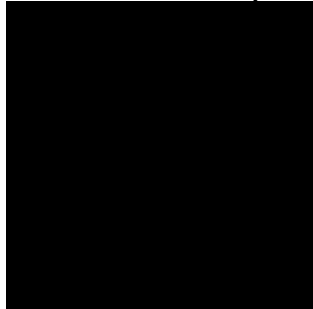
Rg 0.0

Gammut Index
(Rg)

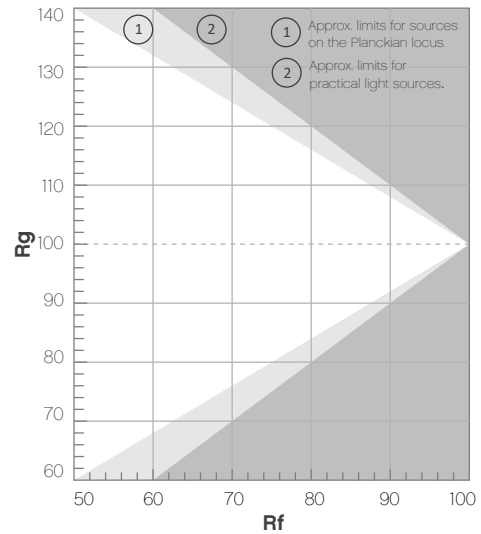
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics-w/Stealth Filter - Full Power

Report Summary

Measurements

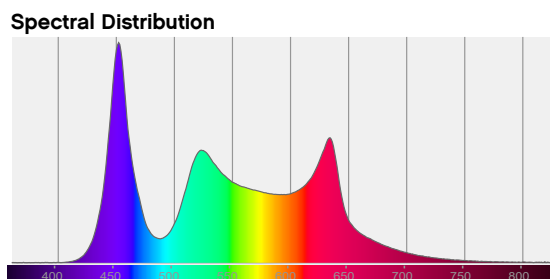
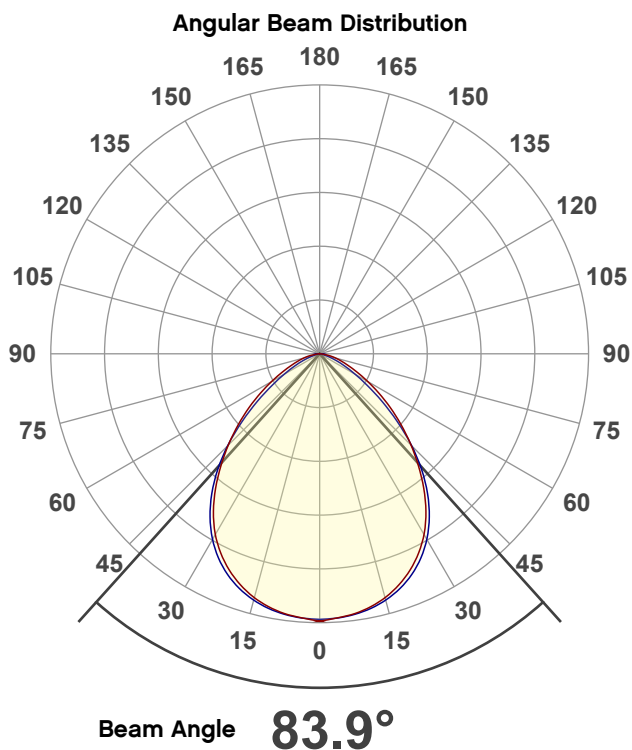
Fixture Output: 1731 lm
Fixture Peak: 923 cd
Fixture Efficacy: 14 lm/W
Intensity @ 5m: 37 lux
Color Temperature: 6089 K
CRI: 88.2 CRI R9 Value: 66.7
CQS: 88.7
TLCI: 88
TM-30 Rf: 86.5
TM-30 Rg: 108.0
Beam Angle (50%): 83.9°
Field Angle (10%): 133.3°
Cutoff Angle (3%): 151.7°

Conditions

AC Supply: 118 V, 60 Hz
Power: 122.41 W
Current: 1.03 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/12/2026 to LM-63-2002 Standards.

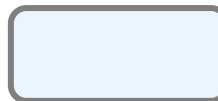
Overall Measurement



Tested Color (CIE 1931):

X: 0.321

Y: 0.321



Light Quality

CRI: 88.2

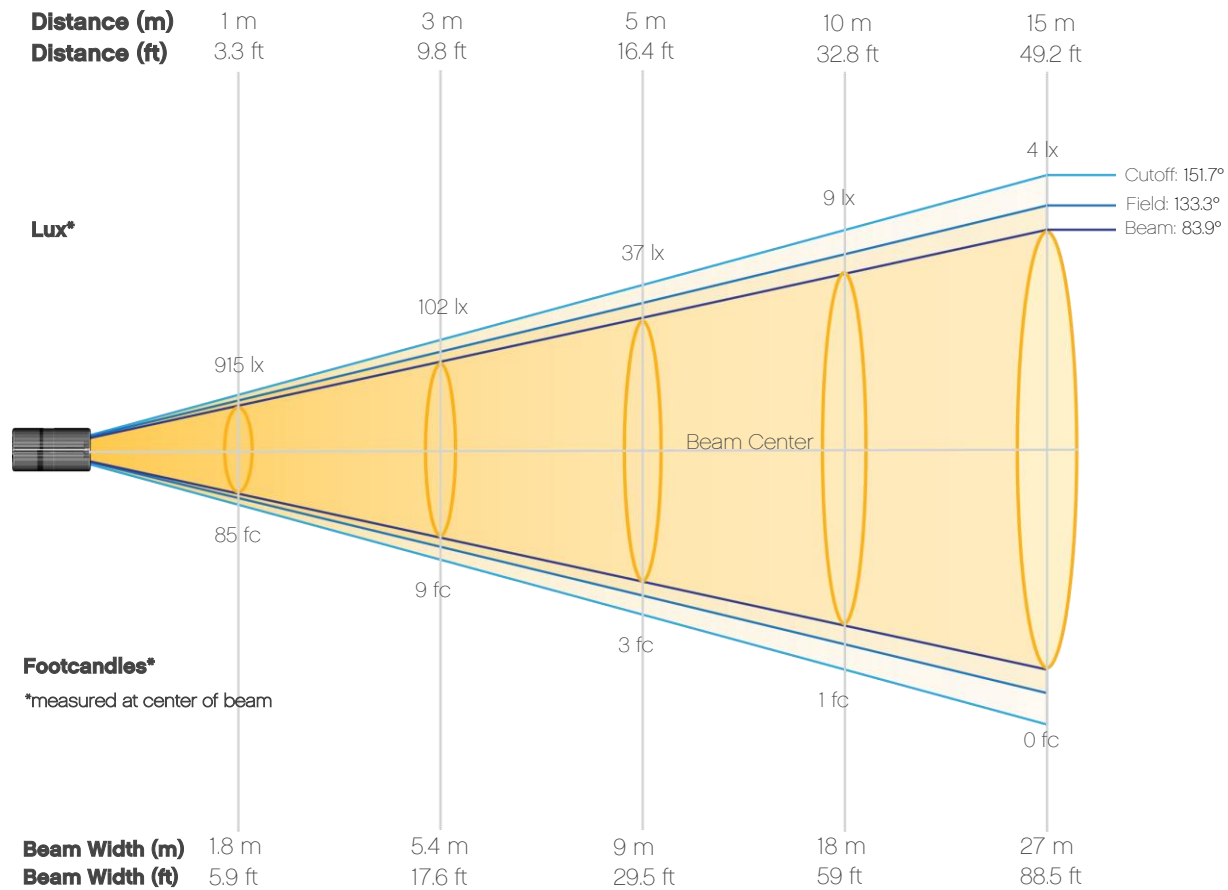
Color Temperature

6089 K

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics-w/Stealth Filter - Full Power

Beam Details

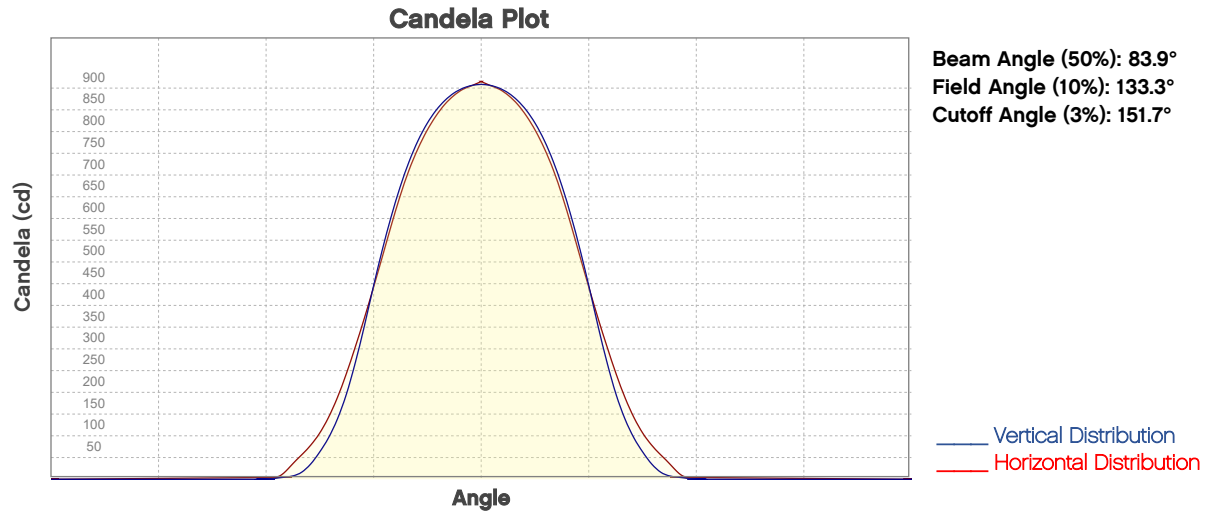


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	915	229	102	57	37	25	19	14	11	9
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	8	6	5	5	4	4	3	3	3	2
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	85	21	9	5	3	2	2	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	1	1	1	0	0	0	0	0	0	0

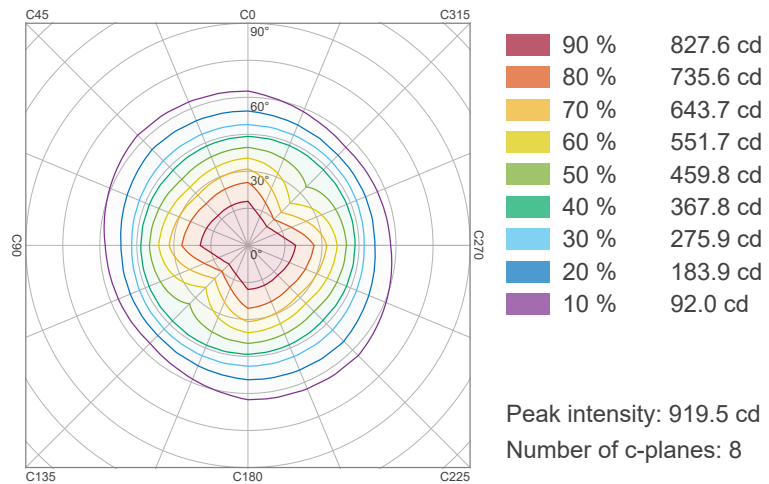
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics-w/Stealth Filter - Full Power

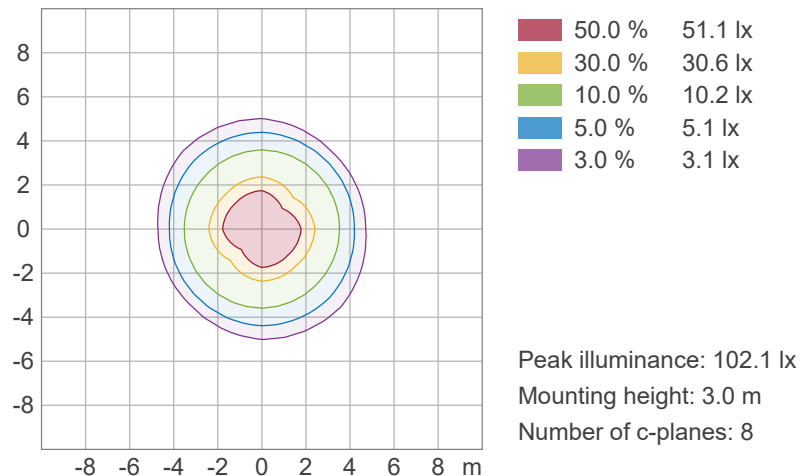


ISO Diagrams

ISO Candela Diagram



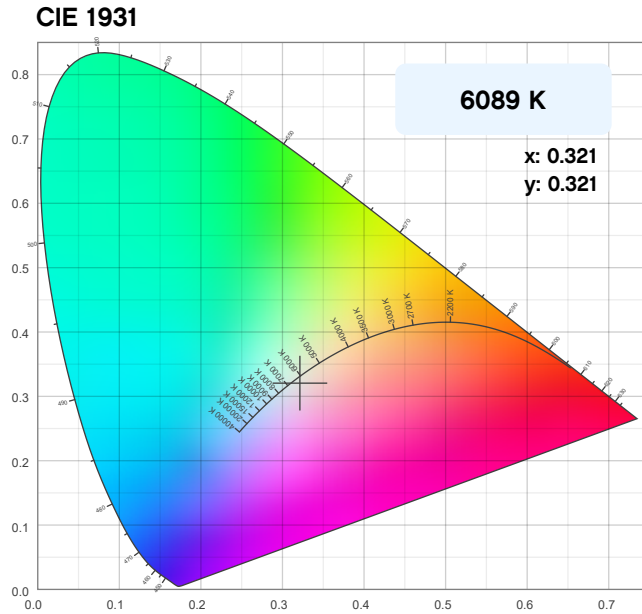
ISO Lux Diagram



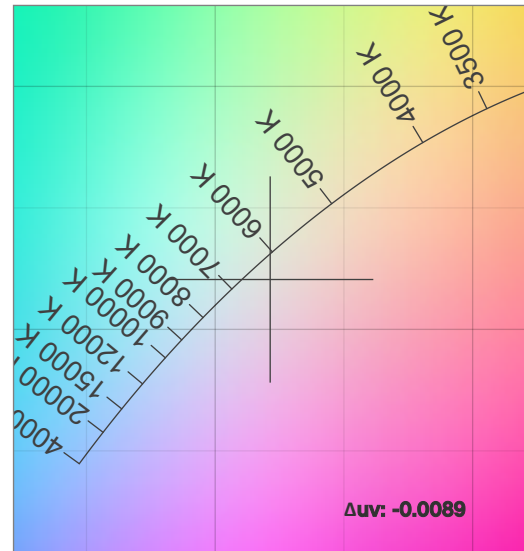
Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics-w/Stealth Filter - Full Power

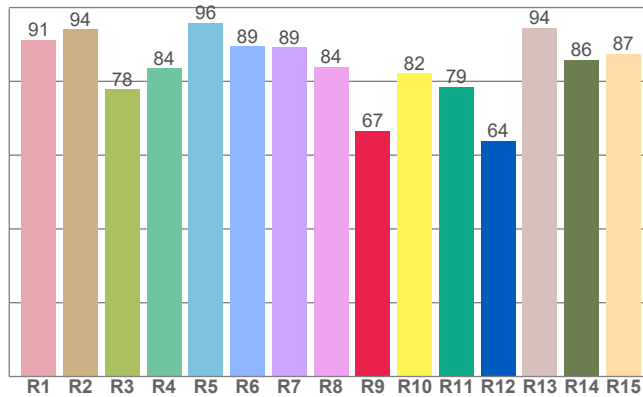
Chromaticity



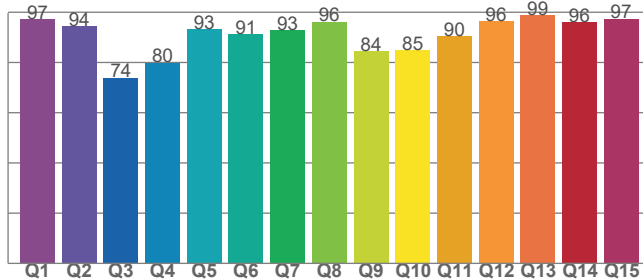
CIE 1931 - Zoom



CRI: 88.2 (R1-R8)



CQS: 88.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6089 K	0.321	0.321

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0089	0.321	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.2	66.7	88.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
88	86.5	108.0

Photometric & Chromaticity Report

COLORado Solo Edge 1: Standard Optics-w/Stealth Filter - Full Power

TM-30 Details

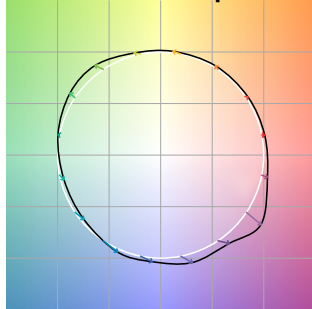
Rf 86.5

Fidelity Index
(R_f)

Rg 108.0

Gammut Index
(R_g)

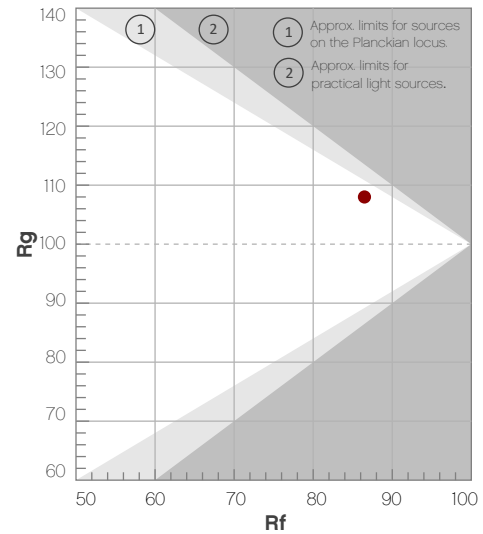
Color Vector Graphic



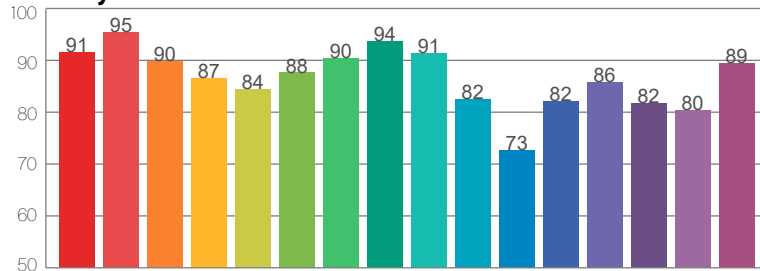
Color Distortion Graphic



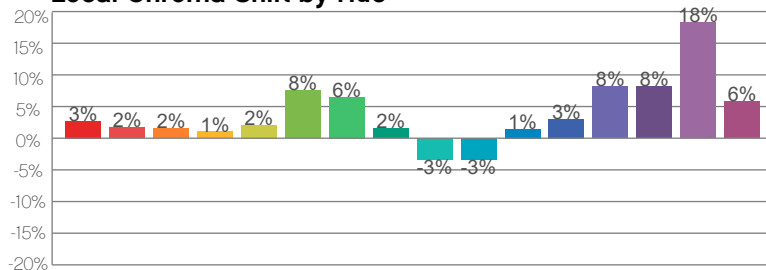
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	91	3%	-1%
2	95	2%	0%
3	90	2%	4%
4	87	1%	8%
5	84	2%	6%
6	88	8%	5%
7	90	6%	-1%
8	94	2%	0%
9	91	-3%	5%
10	82	-3%	10%
11	73	1%	17%
12	82	3%	12%
13	86	8%	10%
14	82	8%	8%
15	80	18%	-2%
16	89	6%	-1%



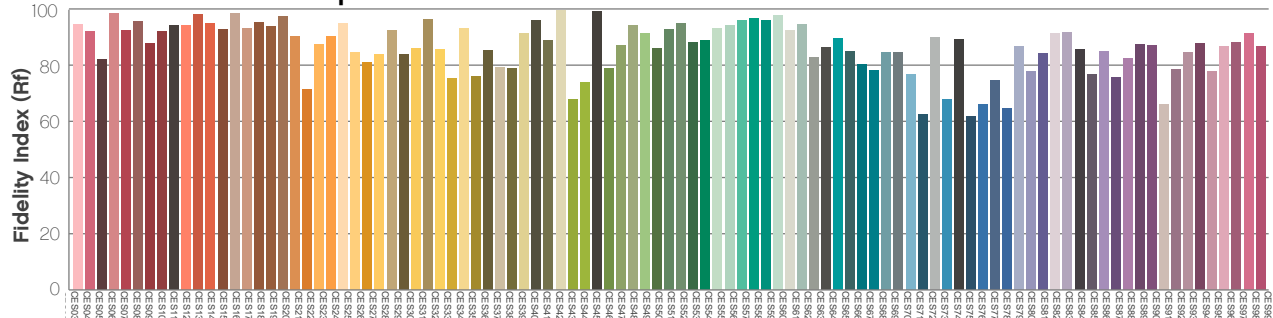
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd., Suite 509 Davie, FL 33314 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Benelux	
Address: Vaartlaan 9 9800 Deinze Belgium Voice: +32 9 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet France	
Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
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Chauvet Mexico	
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.

