

COLORADO *SOLO* *EDGE*₃

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 3: Standard Optics - Full Power

Report Summary

Measurements

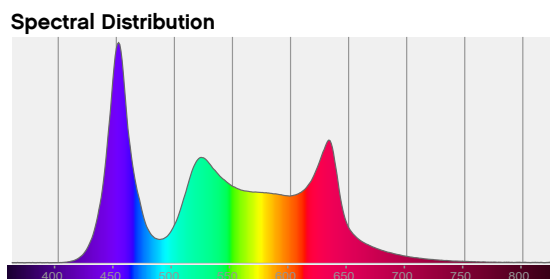
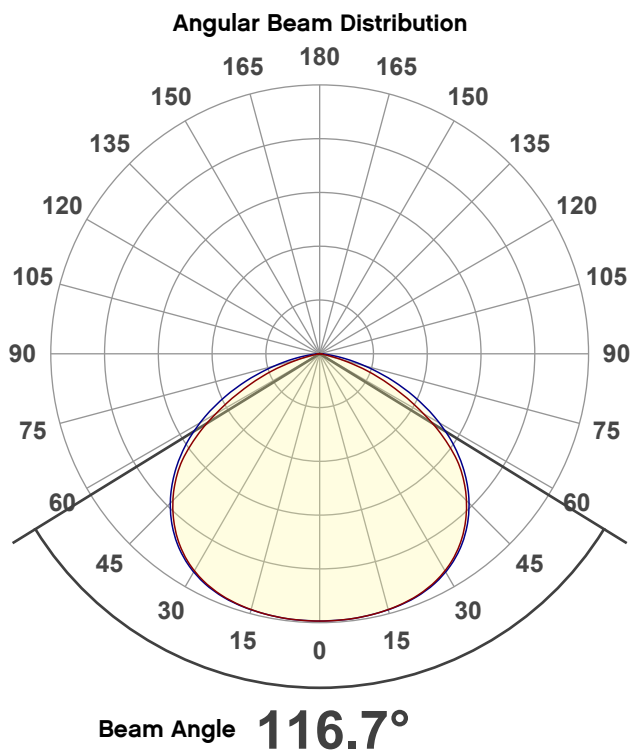
Fixture Output: 17416 lm
Fixture Peak: 5875 cd
Fixture Efficacy: 71 lm/W
Intensity @ 5m: 235 lux
Color Temperature: 6329 K
CRI: 87.9 CRI R9 Value: 66.8
CQS: 87.8
TLCI: 88
TM-30 Rf: 85.7
TM-30 Rg: 108.2
Beam Angle (50%): 116.7°
Field Angle (10%): 150.7°
Cutoff Angle (3%): 161.2°

Conditions

AC Supply: 115 V, 60 Hz
Power: 247.91 W
Current: 2.16 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 1/8/2026 to LM-63-2002 Standards.

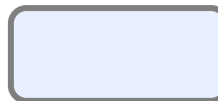
Overall Measurement



Tested Color (CIE 1931):

X: 0.318

Y: 0.312



Light Quality

CRI: 87.9

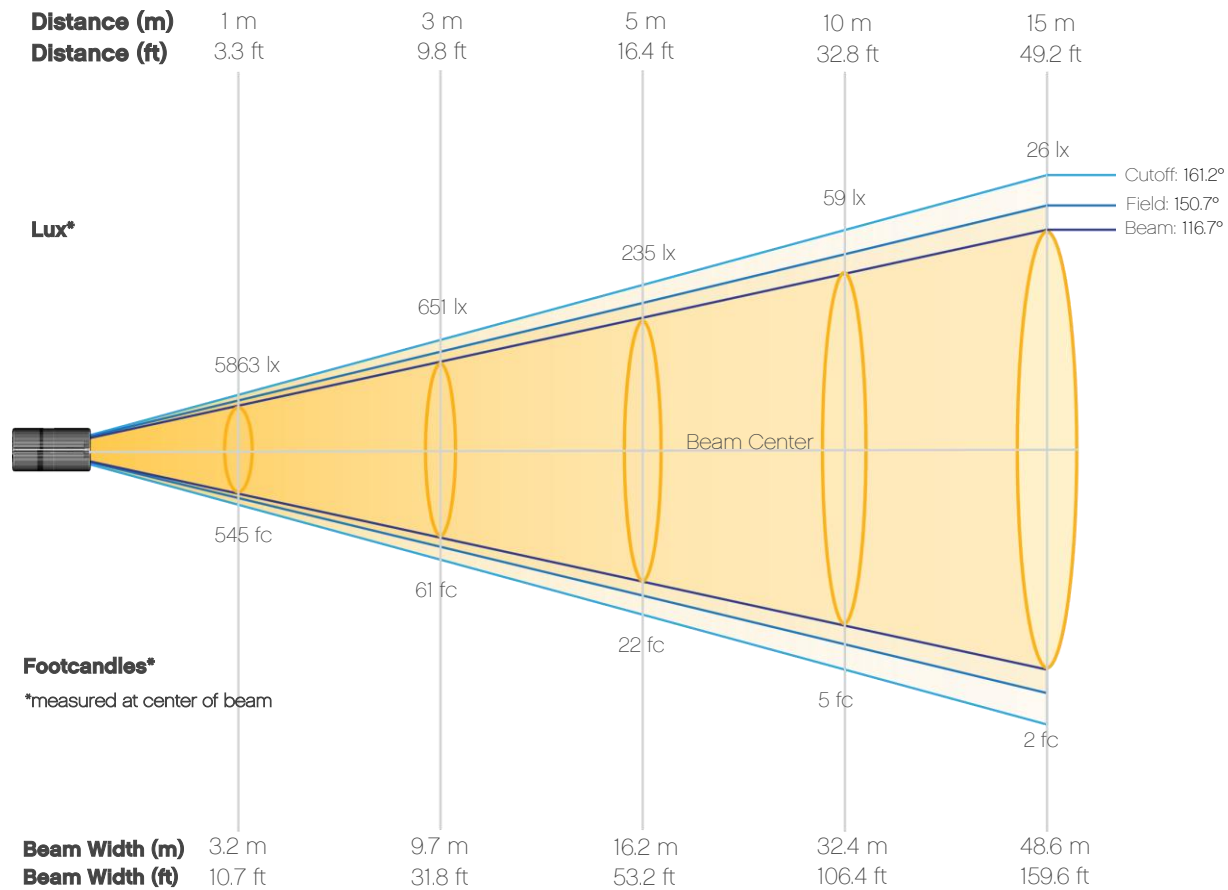
Color Temperature

6329 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Full Power

Beam Details

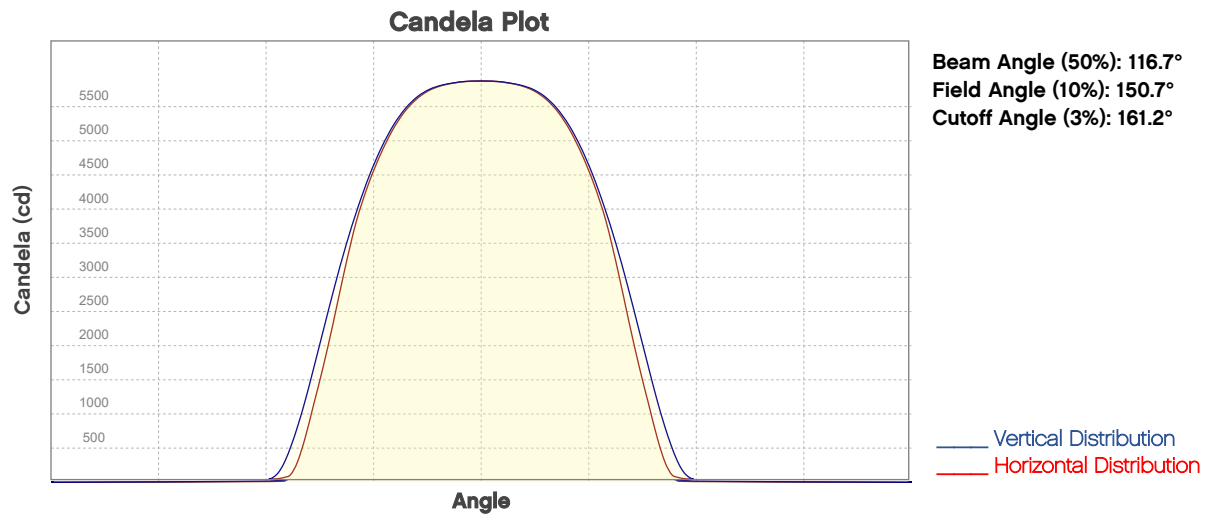


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5863	1466	651	366	235	163	120	92	72	59
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	48	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	545	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

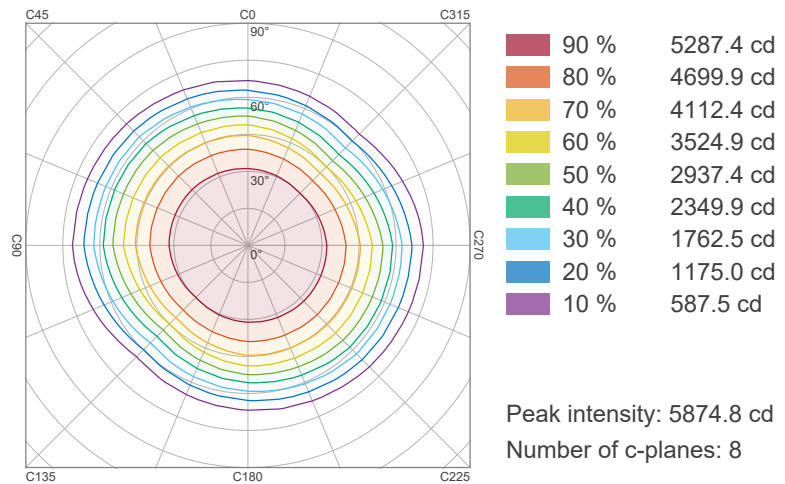
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Full Power

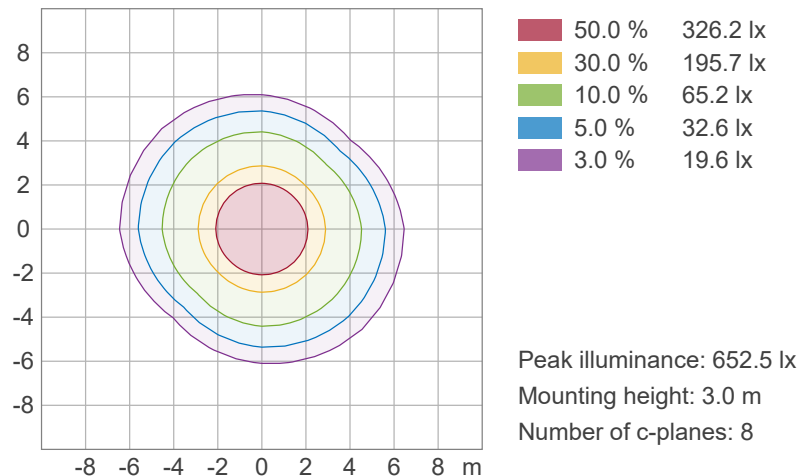


ISO Diagrams

ISO Candela Diagram



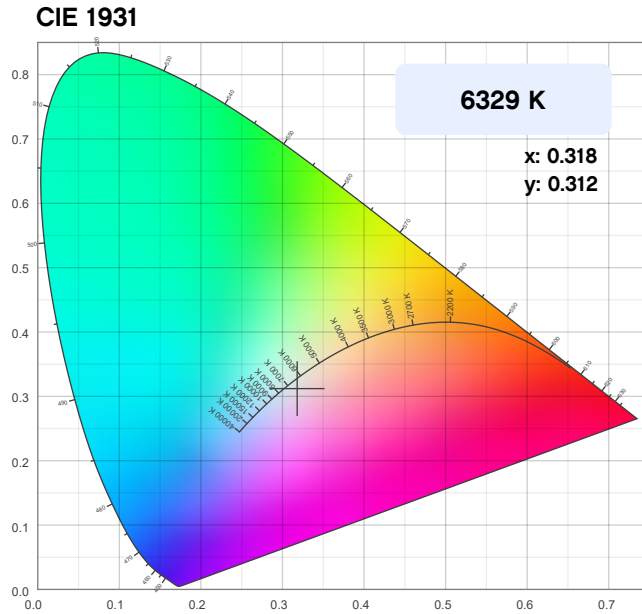
ISO Lux Diagram



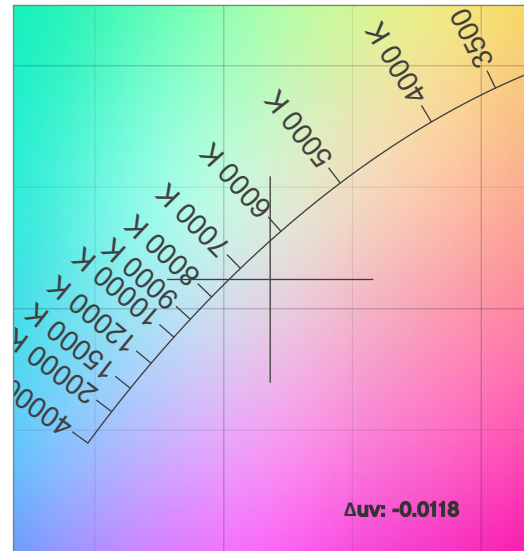
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Full Power

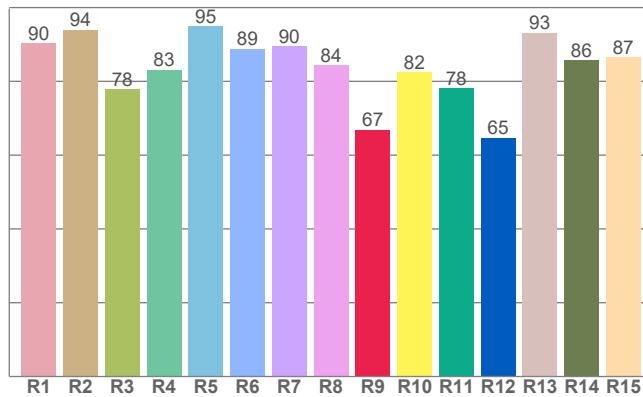
Chromaticity



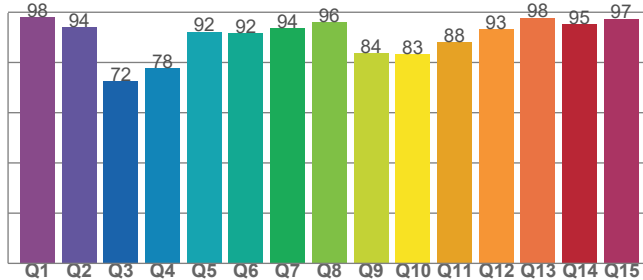
CIE 1931 - Zoom



CRI: 87.9 (R1-R8)



CQS: 87.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6329 K	0.318	0.312

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0118	0.312	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
87.9	66.8	87.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
88	85.7	108.2

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Full Power

TM-30 Details

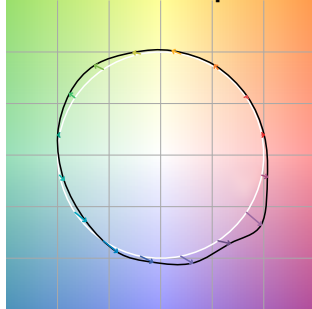
Rf 85.7

Fidelity Index
(Rg)

Rg 108.2

Gammut Index
(Rg)

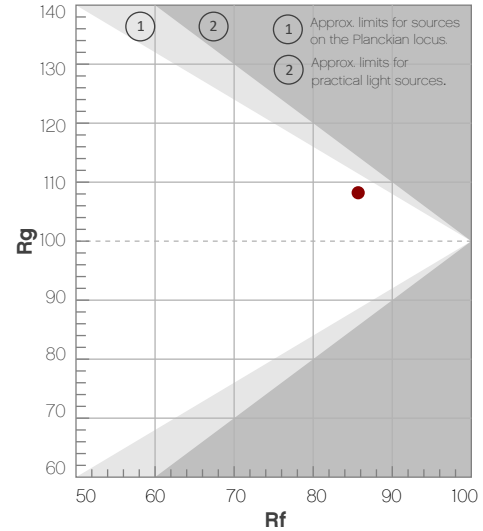
Color Vector Graphic



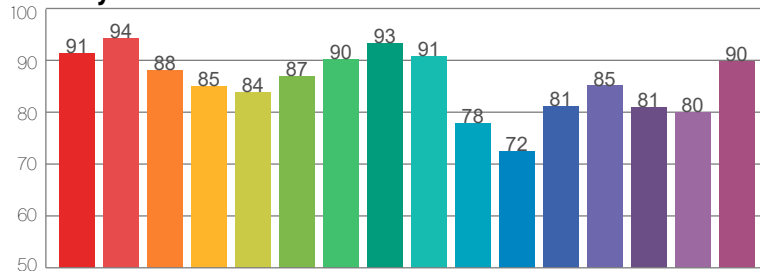
Color Distortion Graphic



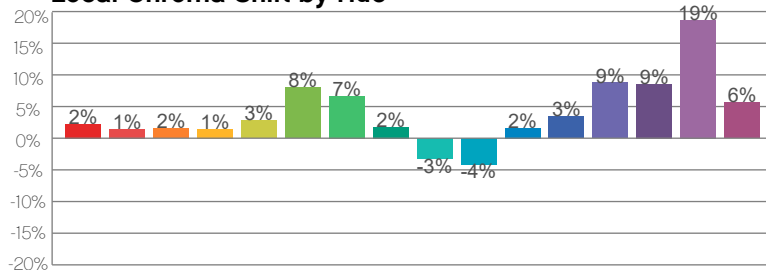
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	91	2%	0%
2	94	1%	1%
3	88	2%	5%
4	85	1%	9%
5	84	3%	7%
6	87	8%	5%
7	90	7%	-1%
8	93	2%	0%
9	91	-3%	5%
10	78	-4%	13%
11	72	2%	17%
12	81	3%	13%
13	85	9%	10%
14	81	9%	8%
15	80	19%	-2%
16	90	6%	-1%



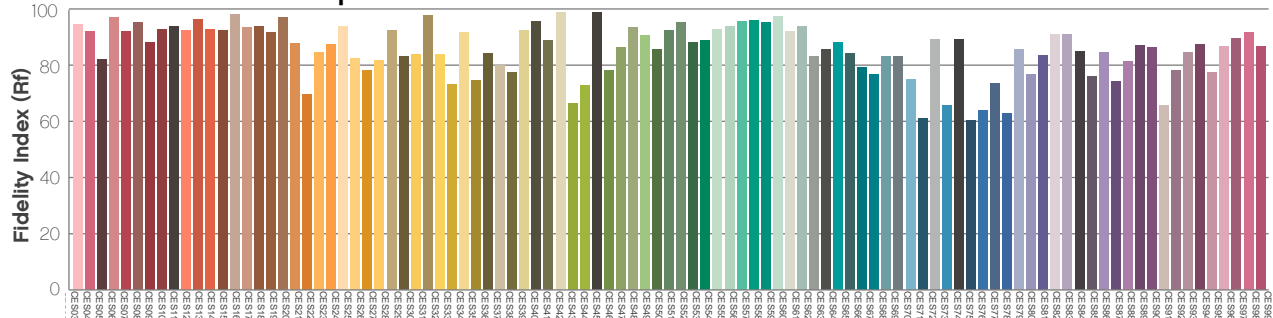
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 3200K

Report Summary

Measurements

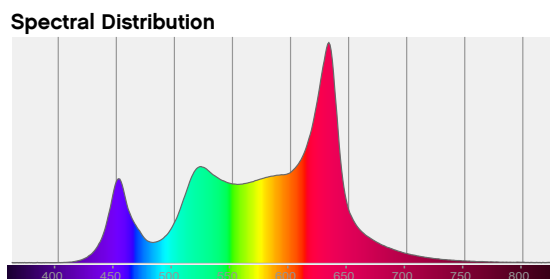
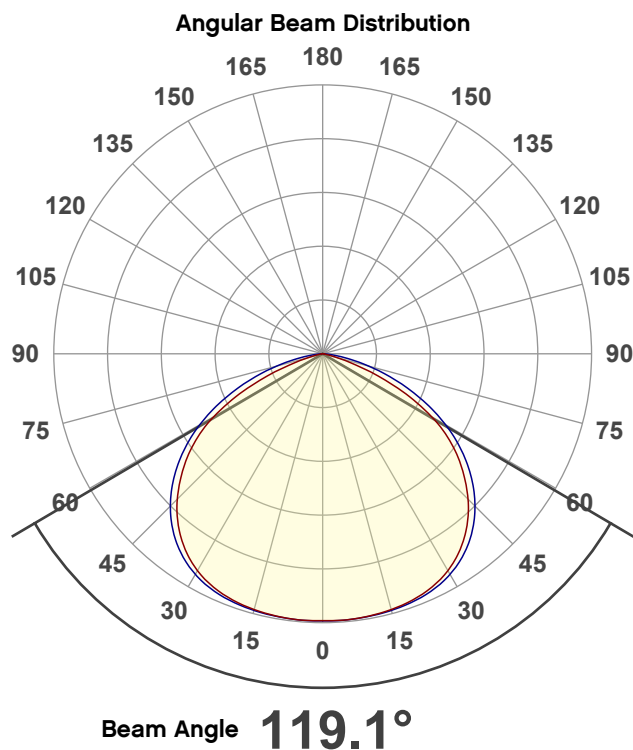
Fixture Output: 11701 lm
Fixture Peak: 3903 cd
Fixture Efficacy: 81 lm/W
Intensity @ 5m: 156 lux
Color Temperature: 3241 K
CRI: 92.5 CRI R9 Value: 87.9
CQS: 93.1
TLCI: 86
TM-30 Rf: 92.2
TM-30 Rg: 106.0
Beam Angle (50%): 119.1°
Field Angle (10%): 149.3°
Cutoff Angle (3%): 159.7°

Conditions

AC Supply: 117 V, 60 Hz
Power: 146.09 W
Current: 1.25 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 Davie, FL on 1/7/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.421

Y: 0.399



Light Quality

CRI: 92.5

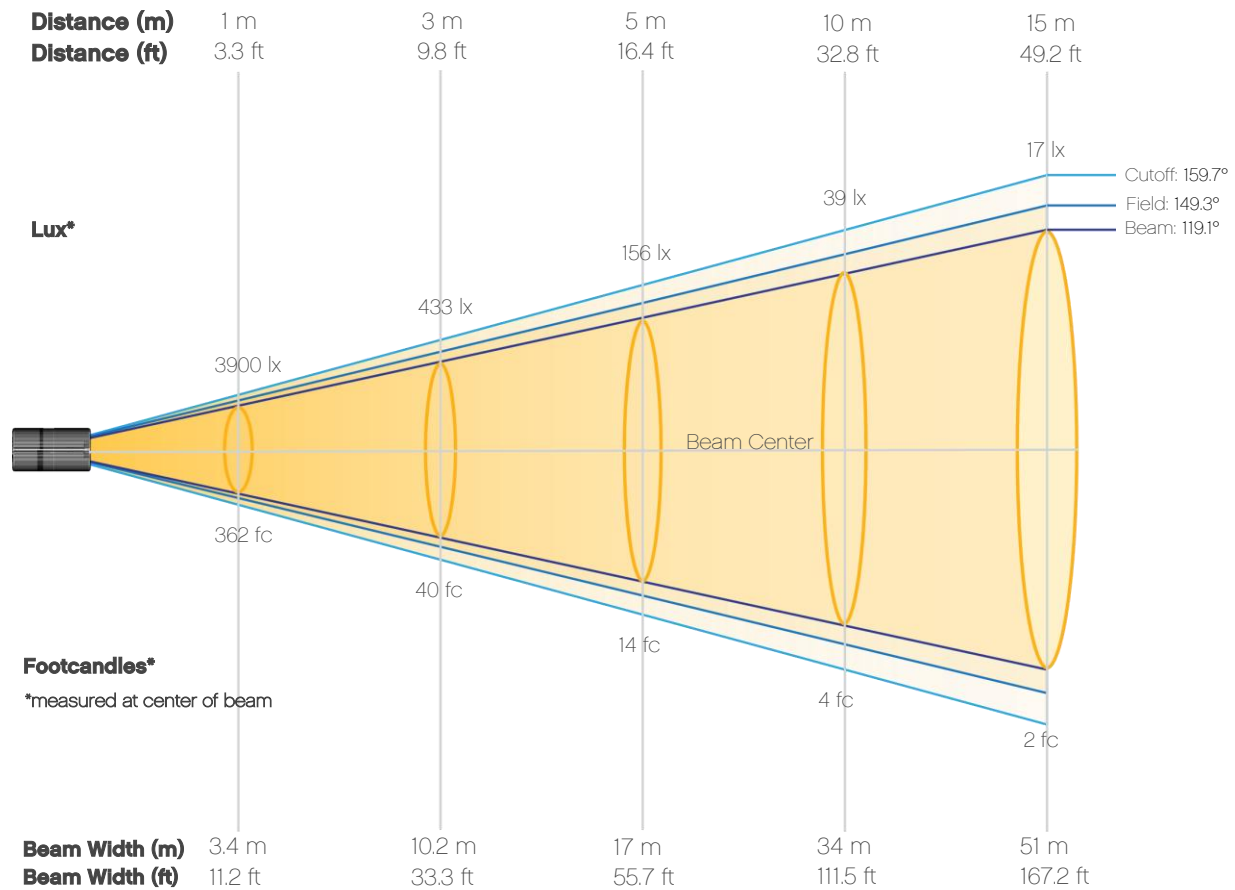
Color Temperature

3241 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 3200K

Beam Details

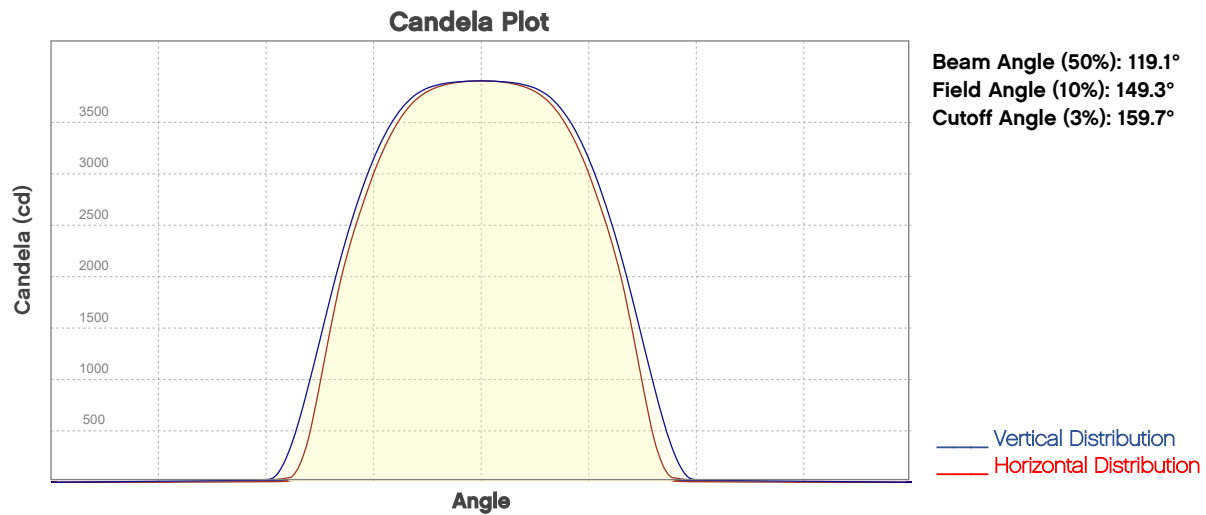


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3900	975	433	244	156	108	80	61	48	39
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	32	27	23	20	17	15	13	12	11	10
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	362	91	40	23	14	10	7	6	4	4
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	3	3	2	2	2	1	1	1	1	1

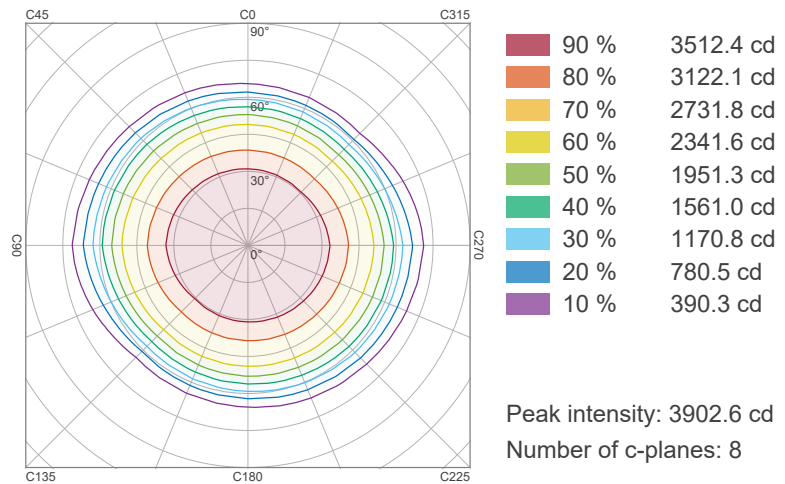
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 3200K

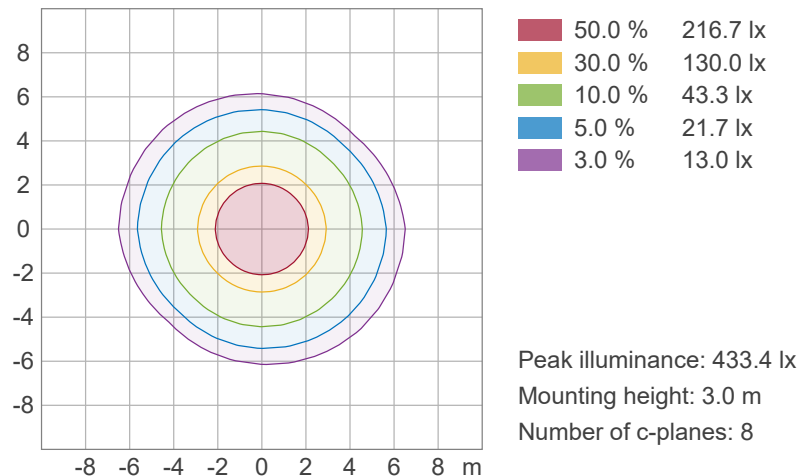


ISO Diagrams

ISO Candela Diagram



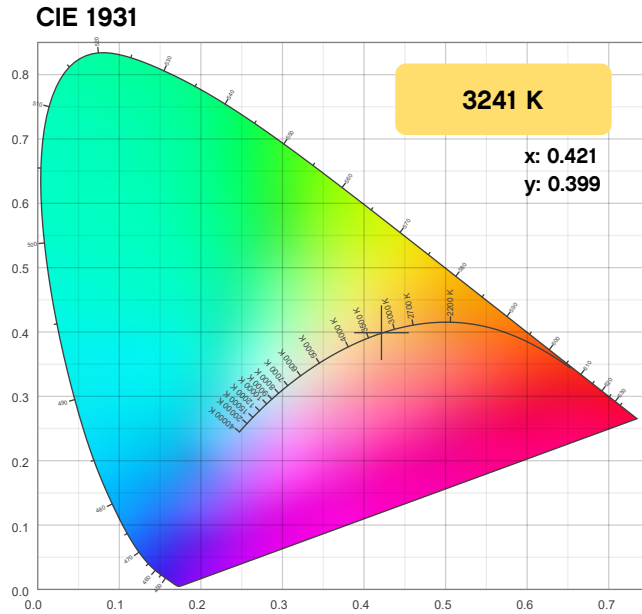
ISO Lux Diagram



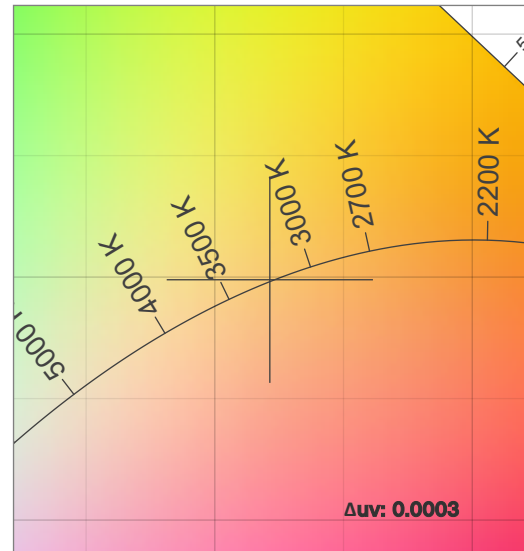
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 3200K

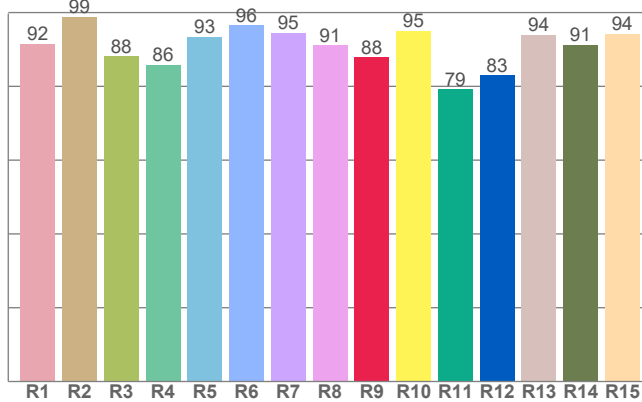
Chromaticity



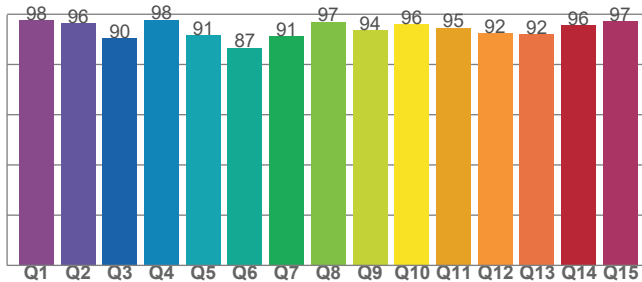
CIE 1931 - Zoom



CRI: 92.5 (R1-R8)



CQS: 93.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3241 K	0.421	0.399

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0003	0.399	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.5	87.9	93.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
86	92.2	106.0

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 3200K

TM-30 Details

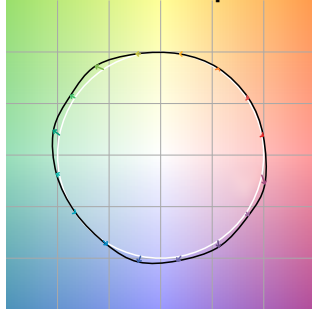
Rf 92.2

Fidelity Index
(Rg)

Rg 106.0

Gammut Index
(Rg)

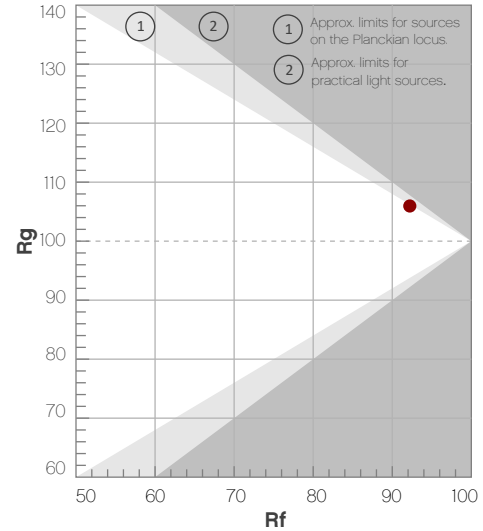
Color Vector Graphic



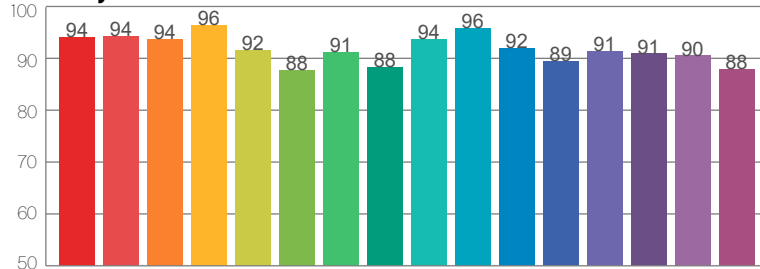
Color Distortion Graphic



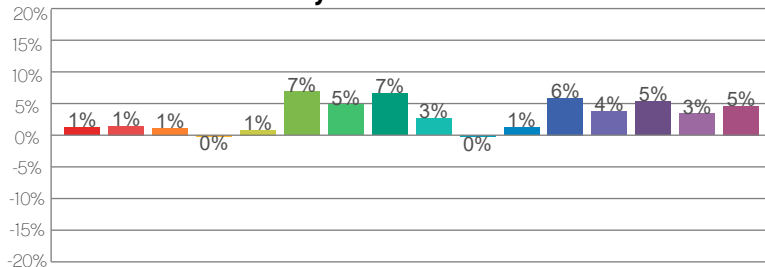
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	1%	-1%
2	94	1%	-2%
3	94	1%	0%
4	96	0%	1%
5	92	1%	4%
6	88	7%	5%
7	91	5%	1%
8	88	7%	-3%
9	94	3%	-2%
10	96	0%	1%
11	92	1%	5%
12	89	6%	-1%
13	91	4%	-4%
14	91	5%	-3%
15	90	3%	-1%
16	88	5%	-7%



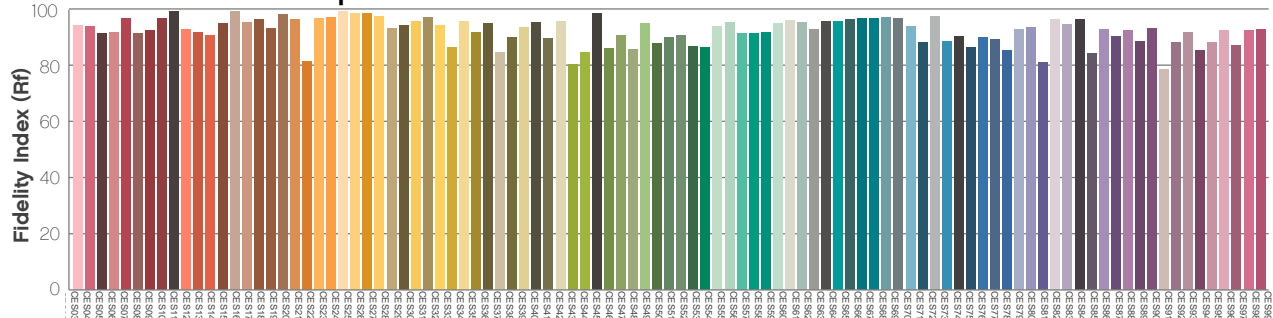
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 4000K

Report Summary

Measurements

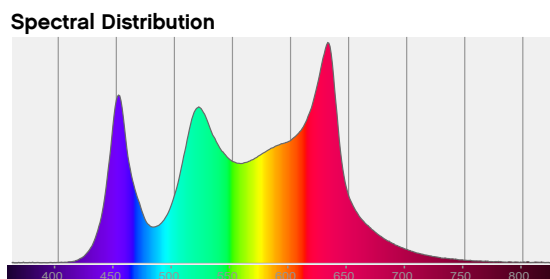
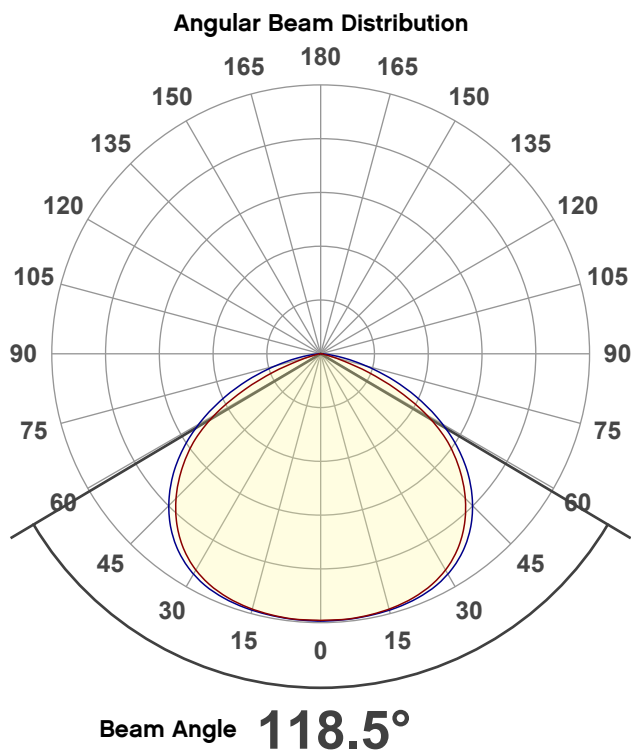
Fixture Output: 9458 lm
Fixture Peak: 3172 cd
Fixture Efficacy: 76 lm/W
Intensity @ 5m: 127 lux
Color Temperature: 4032 K
CRI: 93.7 CRI R9 Value: 94.2
CQS: 94.7
TLCI: 86
TM-30 Rf: 92.2
TM-30 Rg: 104.8
Beam Angle (50%): 118.5°
Field Angle (10%): 148.8°
Cutoff Angle (3%): 159.7°

Conditions

AC Supply: 117 V, 60 Hz
Power: 126.32 W
Current: 1.08 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 Davie, FL on 1/7/2026 to LM-63-2002 Standards.

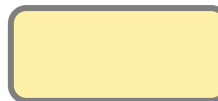
Overall Measurement



Tested Color (CIE 1931):

X: 0.380

Y: 0.378



Light Quality

CRI: 93.7

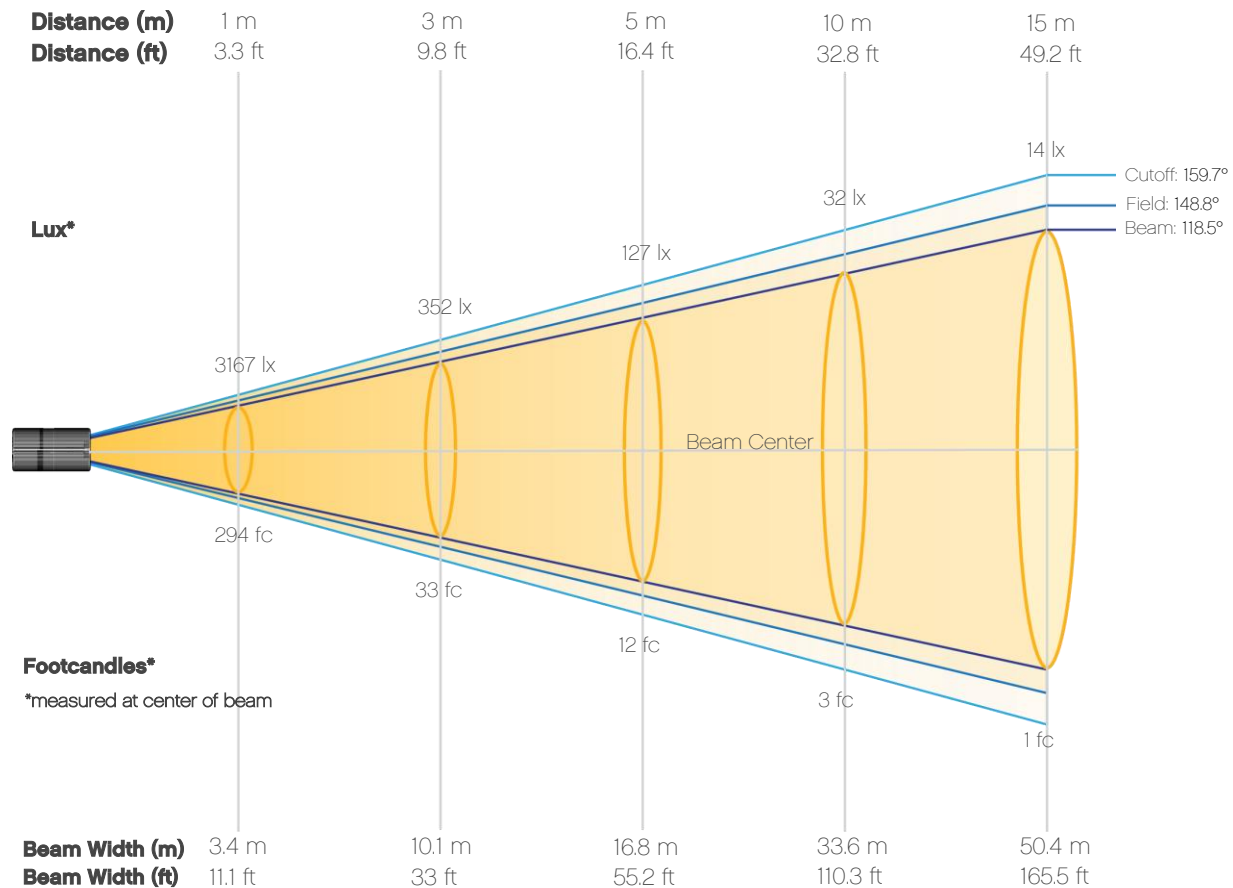
Color Temperature

4032 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 4000K

Beam Details

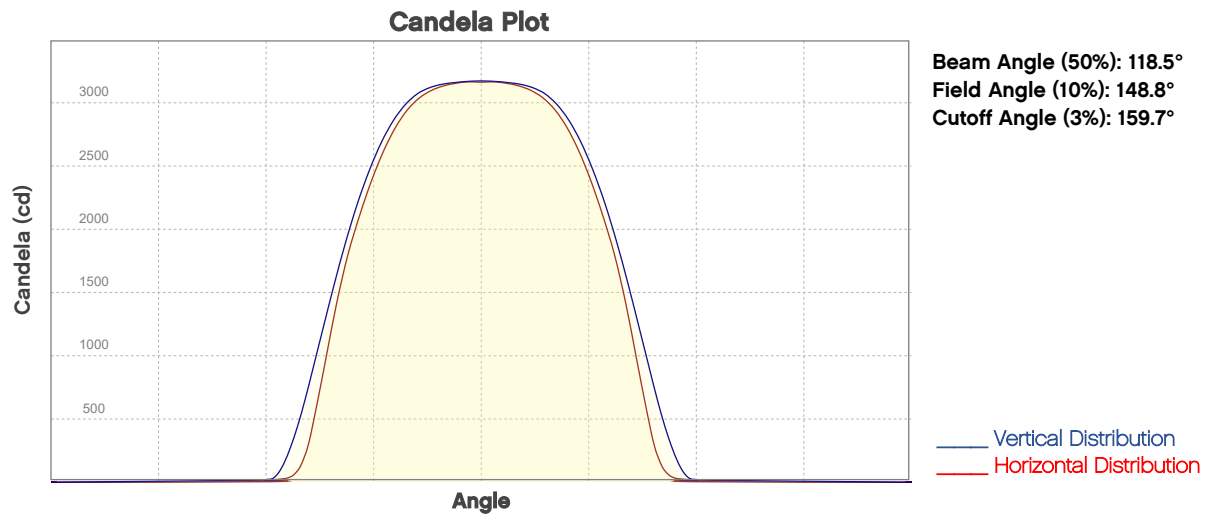


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3167	792	352	198	127	88	65	49	39	32
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	26	22	19	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	294	74	33	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	2	1	1	1	1	1	1

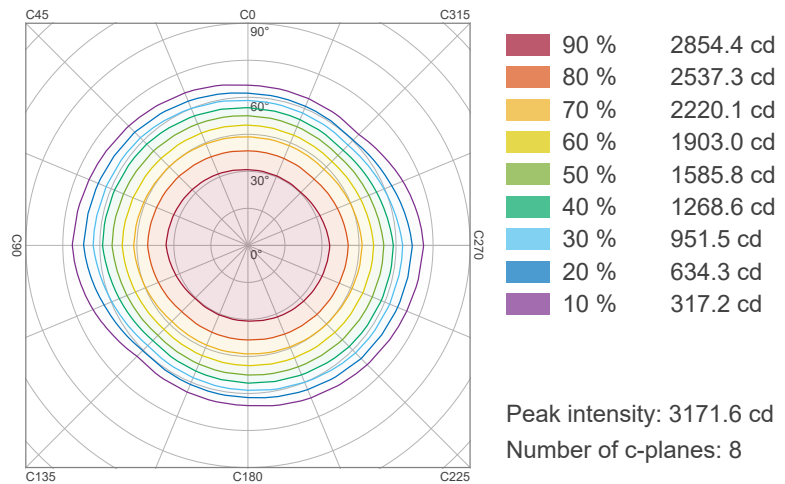
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 4000K

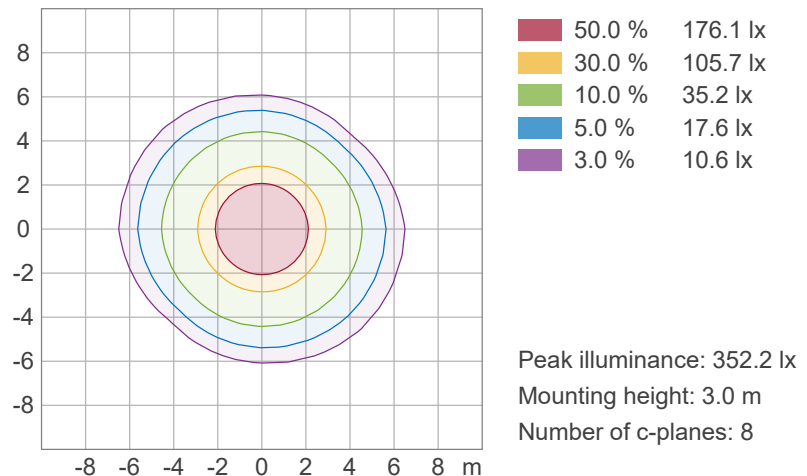


ISO Diagrams

ISO Candela Diagram



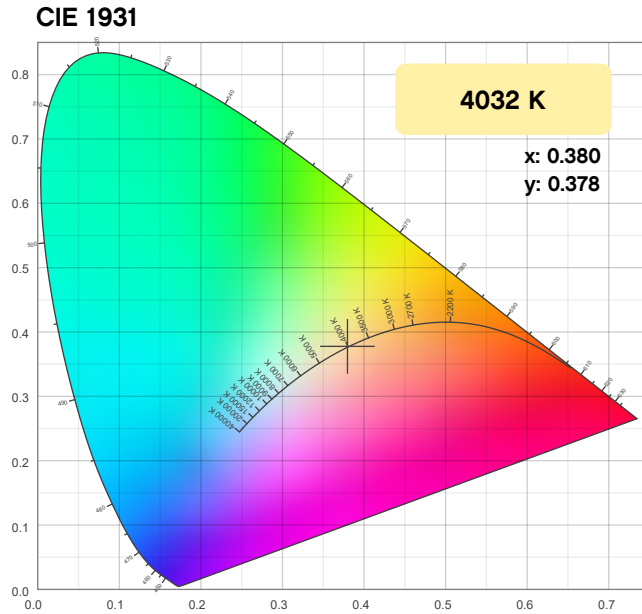
ISO Lux Diagram



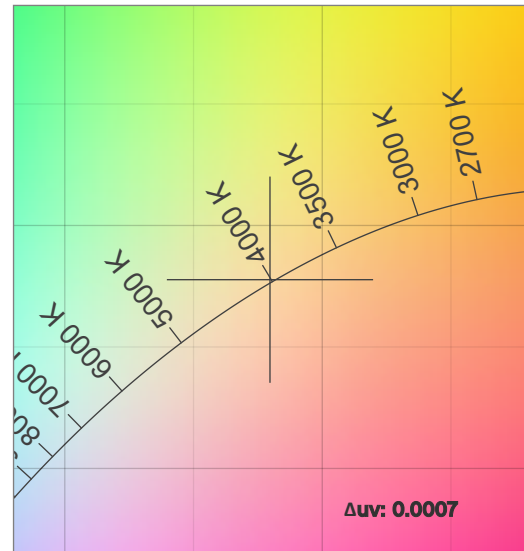
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 4000K

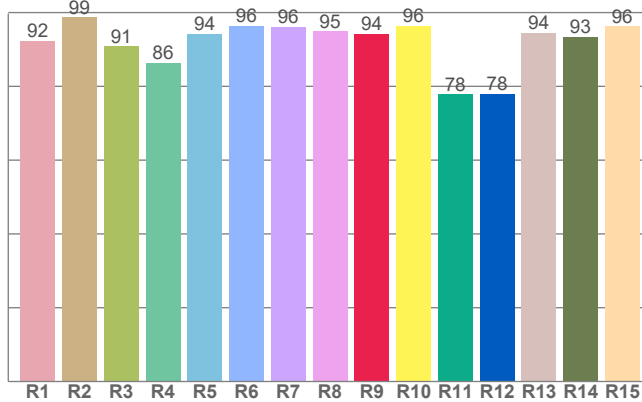
Chromaticity



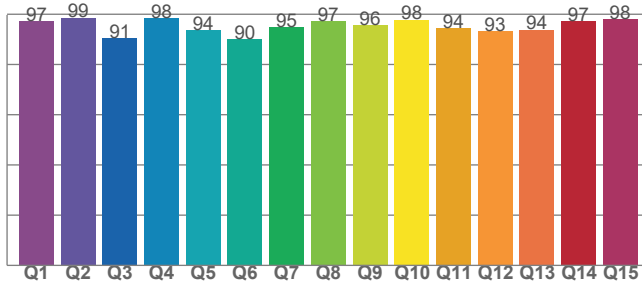
CIE 1931 - Zoom



CRI: 93.7 (R1-R8)



CQS: 94.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4032 K	0.380	0.378

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0007	0.378	0.224

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.7	94.2	94.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
86	92.2	104.8

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 4000K

TM-30 Details

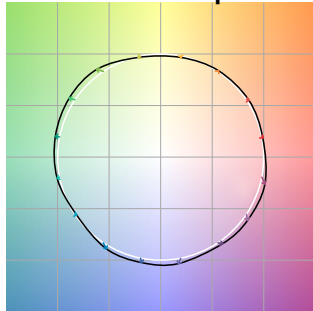
Rf 92.2

Fidelity Index
(Rg)

Rg 104.8

Gammut Index
(Rg)

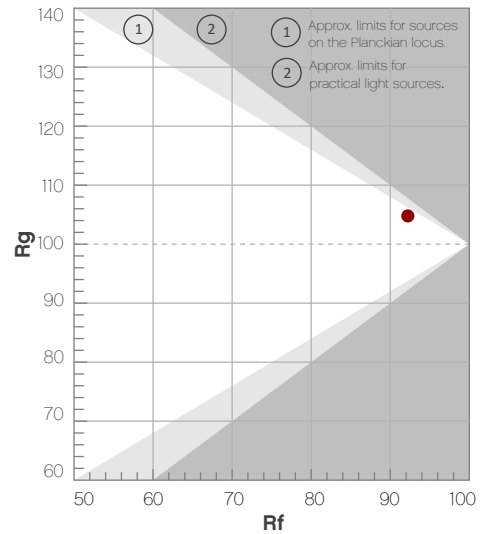
Color Vector Graphic



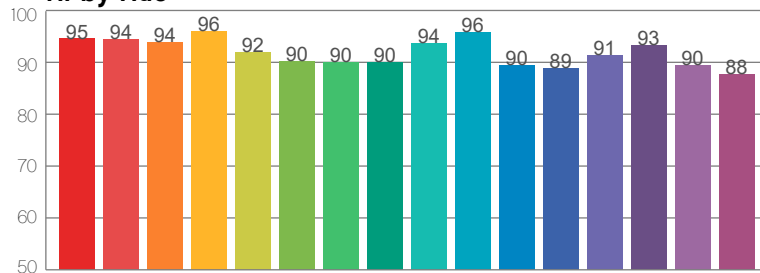
Color Distortion Graphic



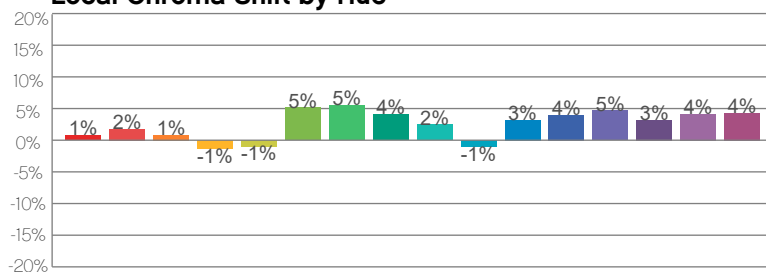
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	1%	-1%
2	94	2%	-2%
3	94	1%	0%
4	96	-1%	-1%
5	92	-1%	3%
6	90	5%	4%
7	90	5%	2%
8	90	4%	0%
9	94	2%	1%
10	96	-1%	1%
11	90	3%	6%
12	89	4%	2%
13	91	5%	-3%
14	93	3%	3%
15	90	4%	-4%
16	88	4%	-6%



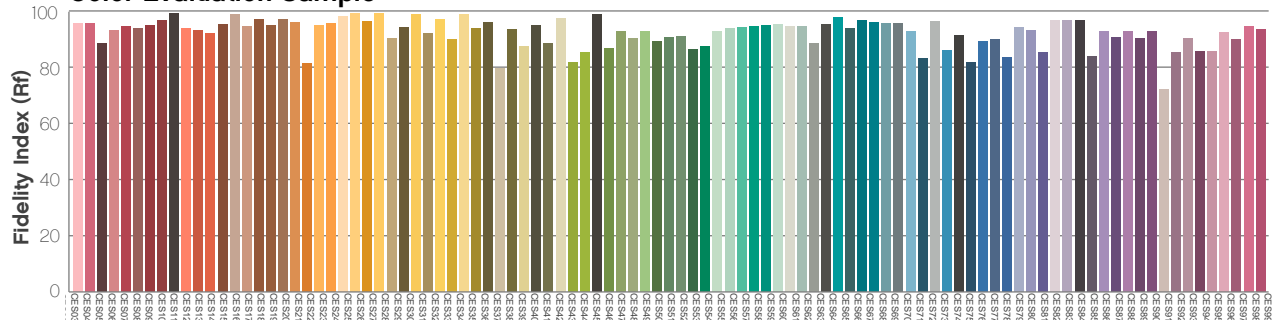
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 5600K

Report Summary

Measurements

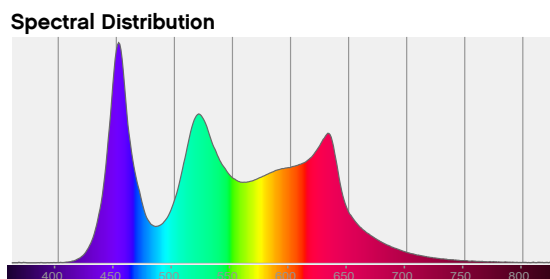
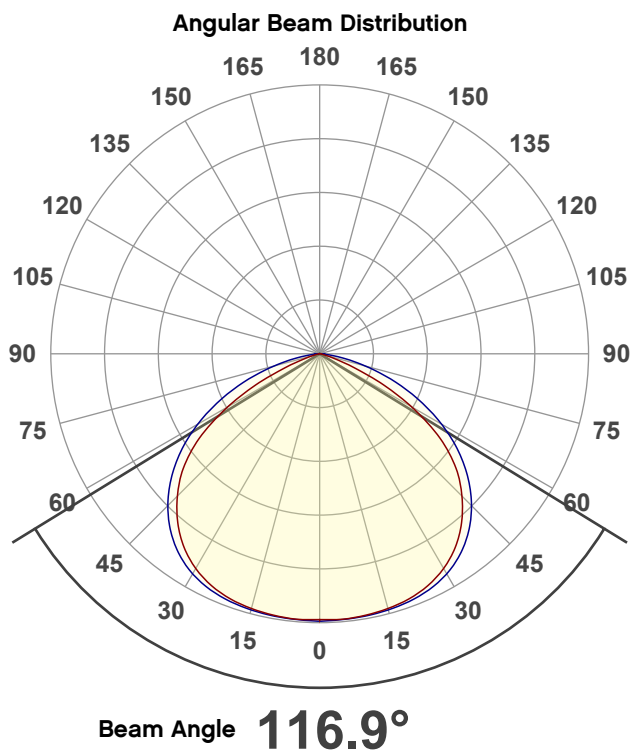
Fixture Output: 9228 lm
Fixture Peak: 3179 cd
Fixture Efficacy: 68 lm/W
Intensity @ 5m: 127 lux
Color Temperature: 5609 K
CRI: 93.2 CRI R9 Value: 96.6
CQS: 93.9
TLCI: 90
TM-30 Rf: 91.3
TM-30 Rg: 105.6
Beam Angle (50%): 116.9°
Field Angle (10%): 146.4°
Cutoff Angle (3%): 157.1°

Conditions

AC Supply: 116 V, 60 Hz
Power: 137.39 W
Current: 1.18 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 Davie, FL on 1/7/2026 to LM-63-2002 Standards.

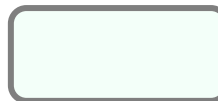
Overall Measurement



Tested Color (CIE 1931):

X: 0.330

Y: 0.340



Light Quality

CRI: 93.2

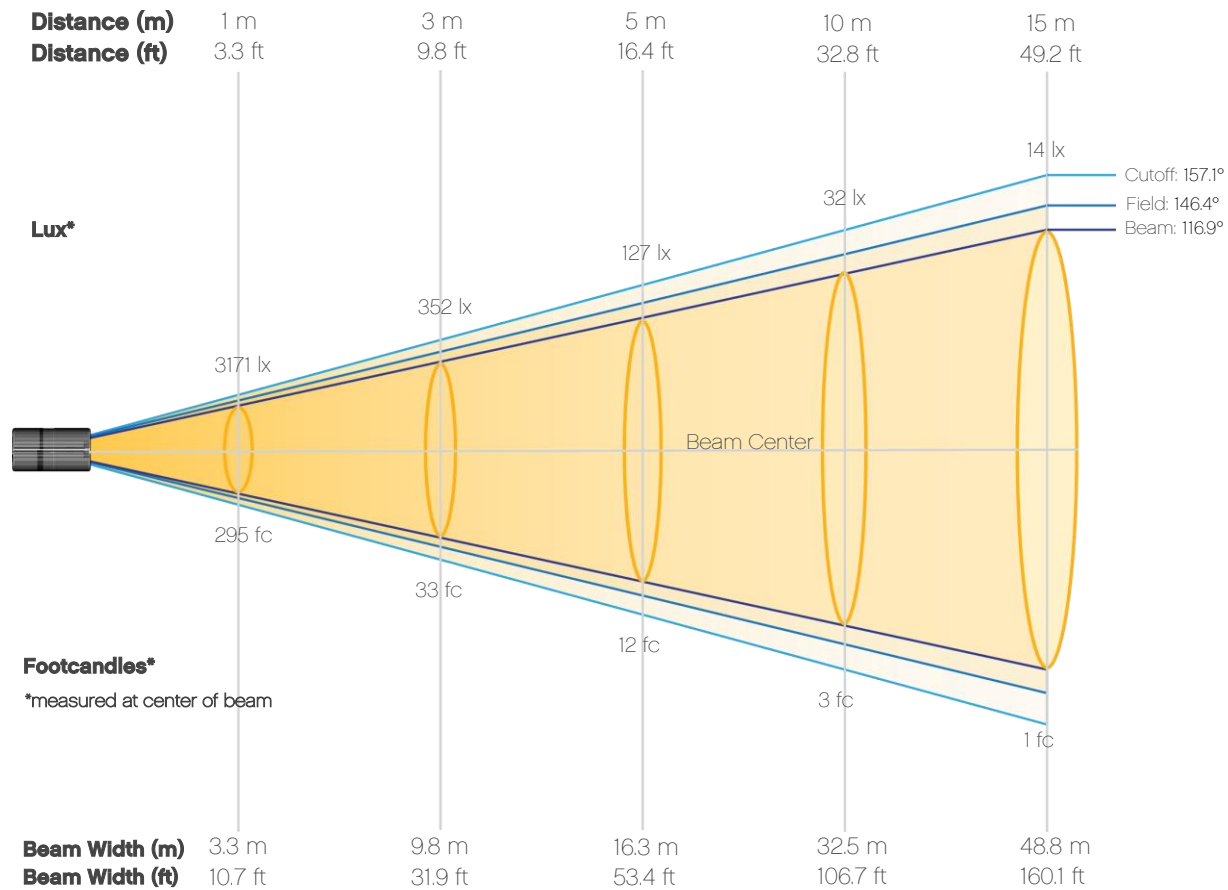
Color Temperature

5609 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 5600K

Beam Details

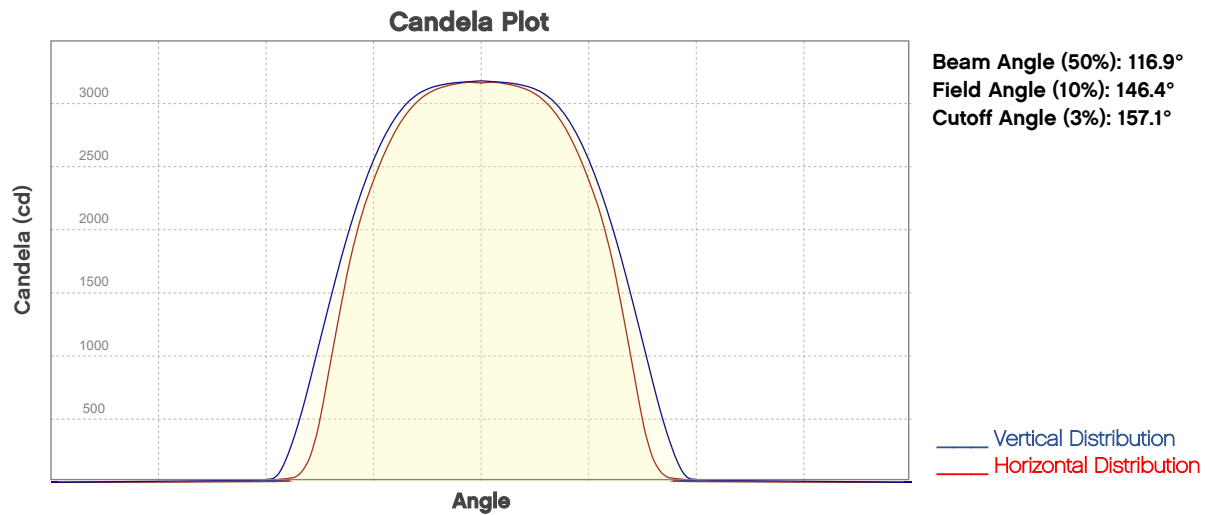


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3171	793	352	198	127	88	65	50	39	32
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	26	22	19	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	295	74	33	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	2	1	1	1	1	1	1

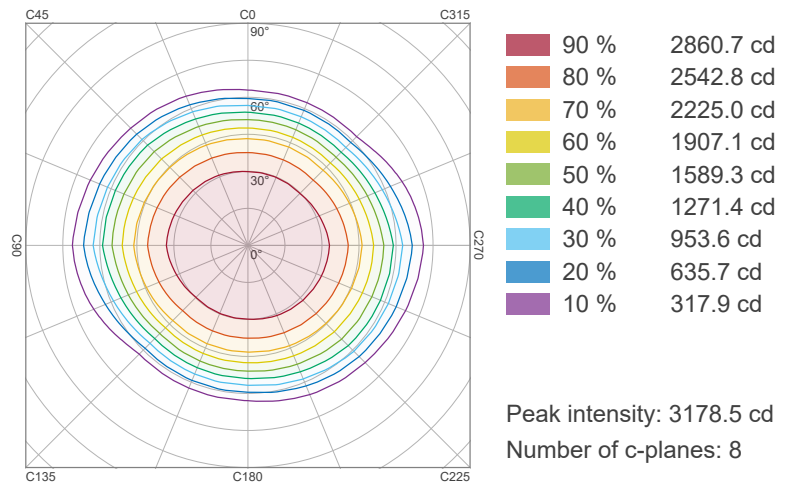
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 5600K

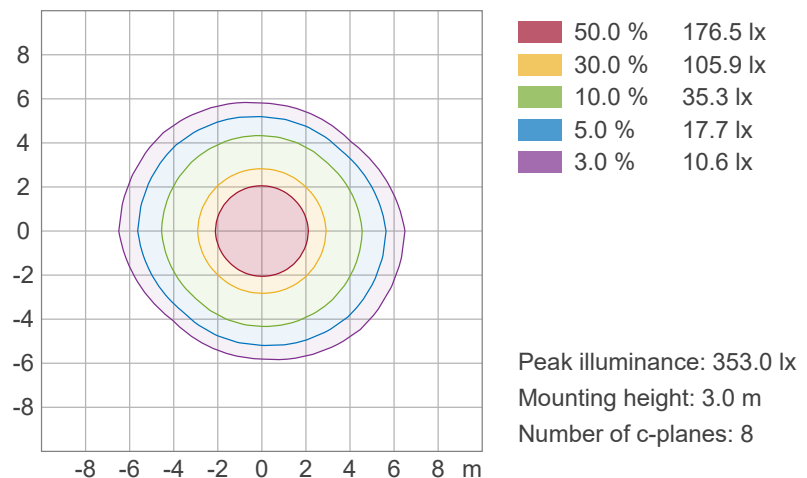


ISO Diagrams

ISO Candela Diagram



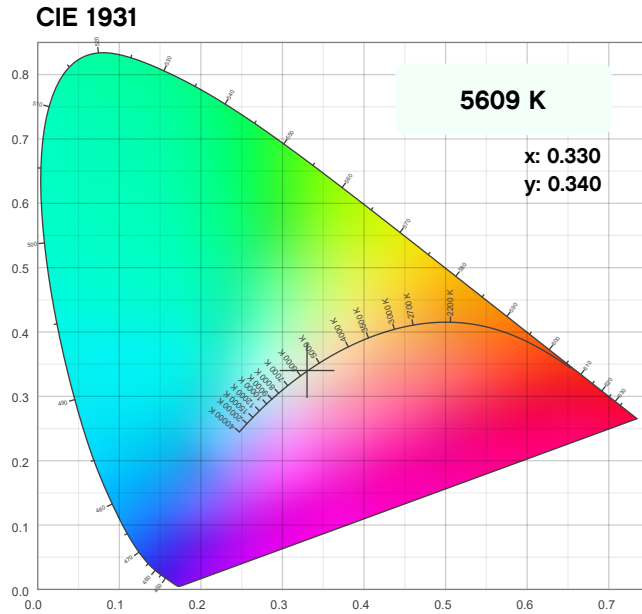
ISO Lux Diagram



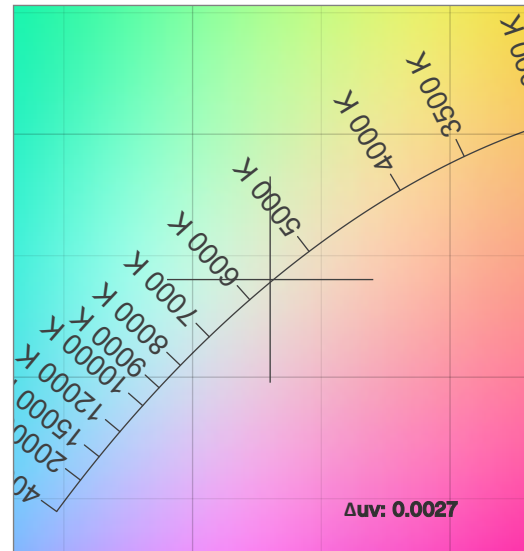
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 5600K

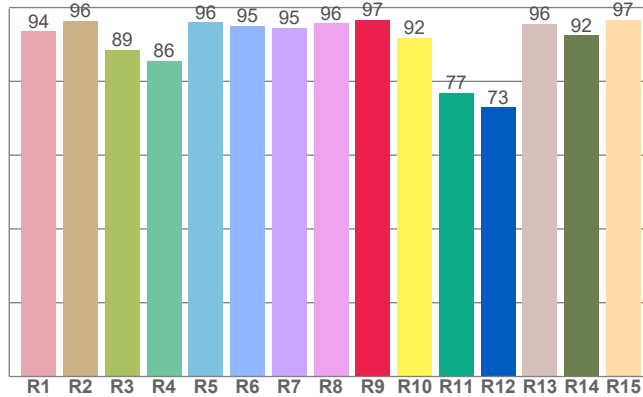
Chromaticity



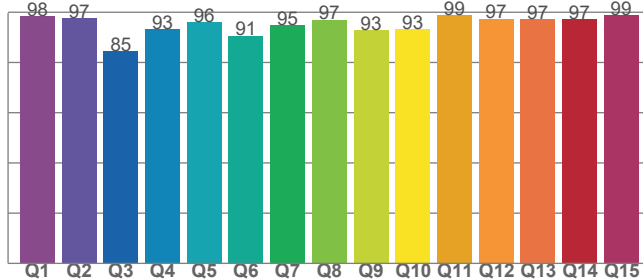
CIE 1931 - Zoom



CRI: 93.2 (R1-R8)



CQS: 93.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5609 K	0.330	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0027	0.340	0.206

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.2	96.6	93.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	91.3	105.6

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - 5600K

TM-30 Details

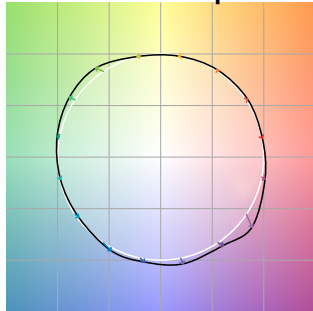
Rf 91.3

Fidelity Index
(Rg)

Rg 105.6

Gammut Index
(Rg)

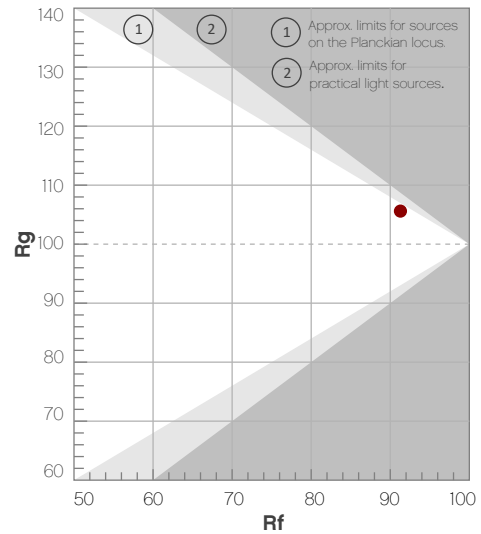
Color Vector Graphic



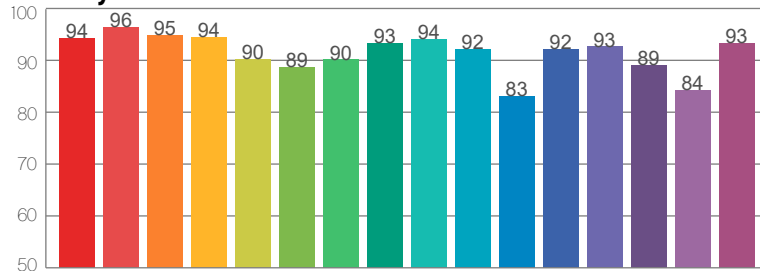
Color Distortion Graphic



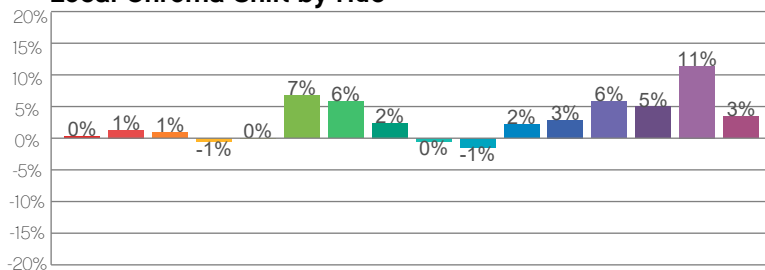
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	94	0%	-1%
2	96	1%	0%
3	95	1%	2%
4	94	-1%	2%
5	90	0%	3%
6	89	7%	4%
7	90	6%	1%
8	93	2%	0%
9	94	0%	2%
10	92	-1%	4%
11	83	2%	10%
12	92	3%	4%
13	93	6%	1%
14	89	5%	3%
15	84	11%	-7%
16	93	3%	-1%



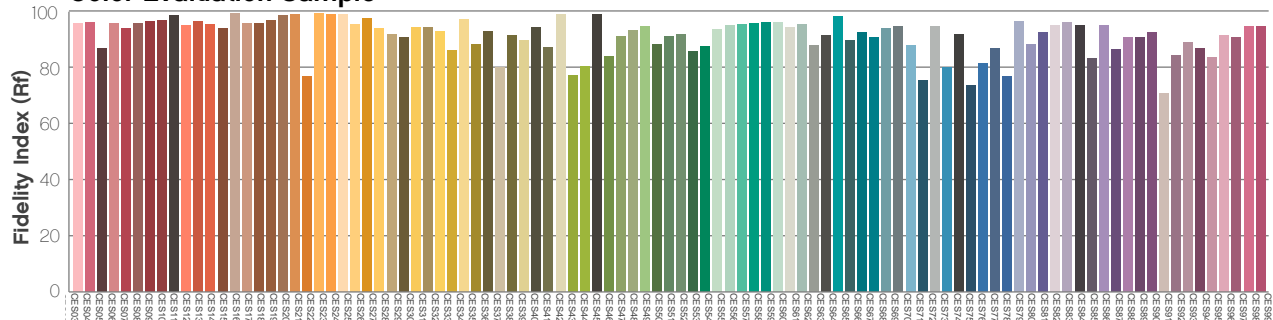
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Red Only

Report Summary

Measurements

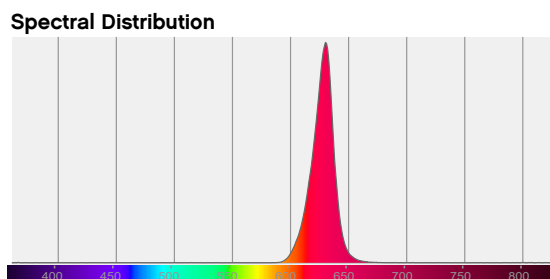
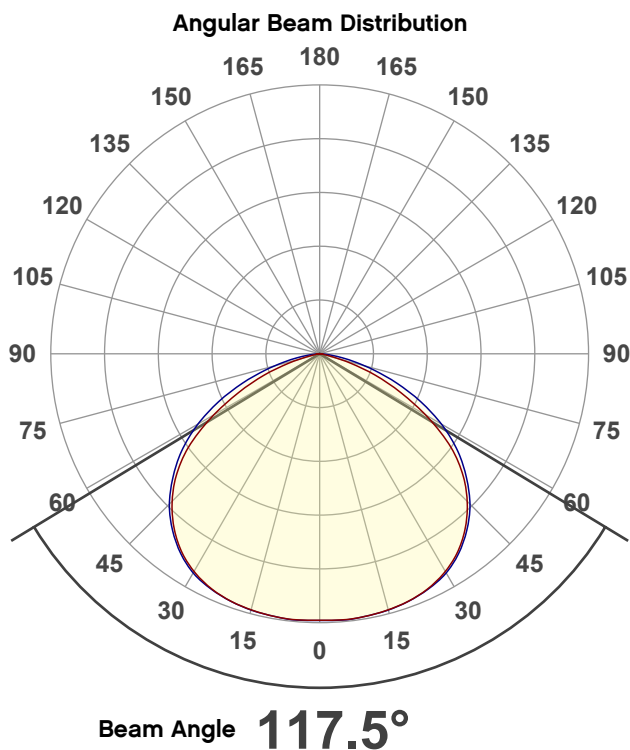
Fixture Output: 1637 lm
Fixture Peak: 546 cd
Fixture Efficacy: 44 lm/W
Intensity @ 5m: 22 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 117.5°
Field Angle (10%): 151.2°
Cutoff Angle (3%): 161.8°

Conditions

AC Supply: 118 V, 60 Hz
Power: 41.71 W
Current: 0.353 A
Power Factor: 0.88

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: 0.694

Y: 0.304



Light Quality

CRI: 0.0

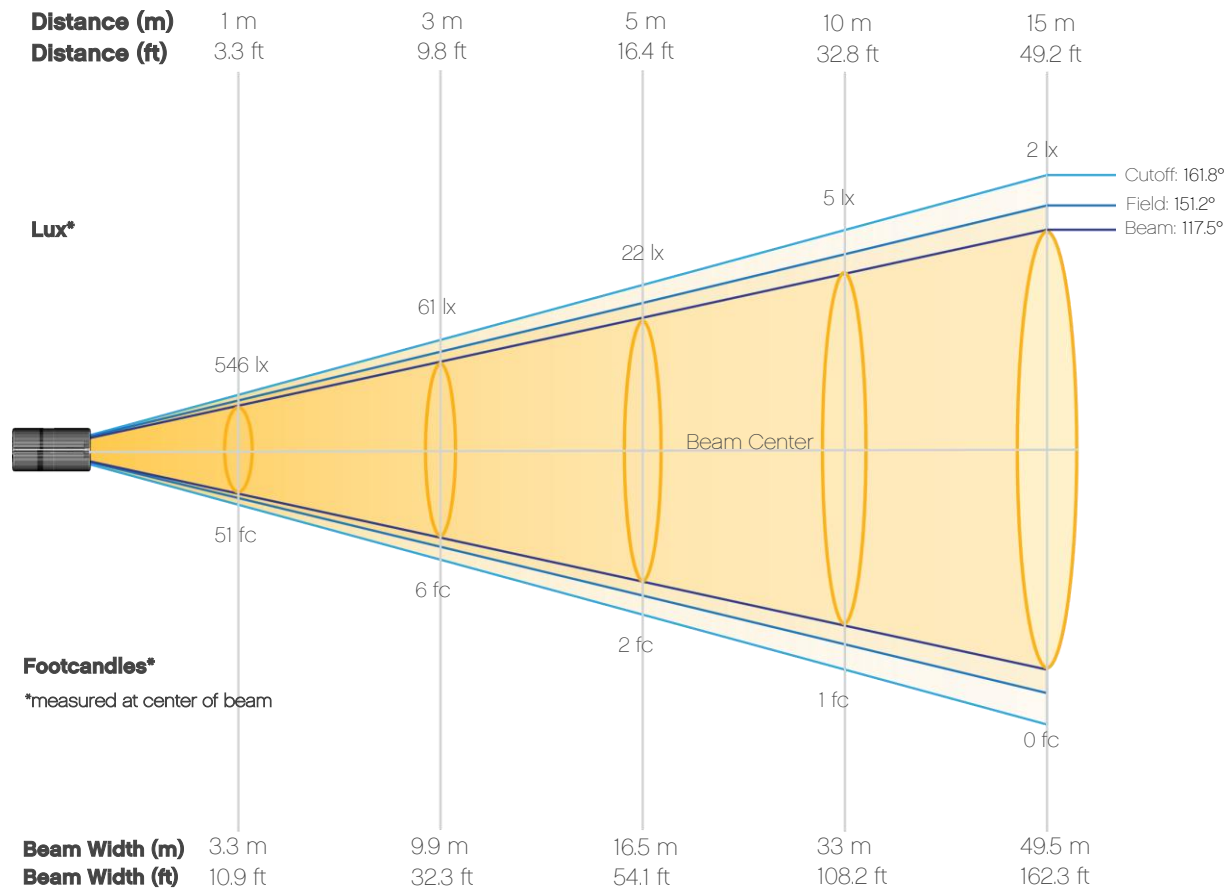
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Red Only

Beam Details

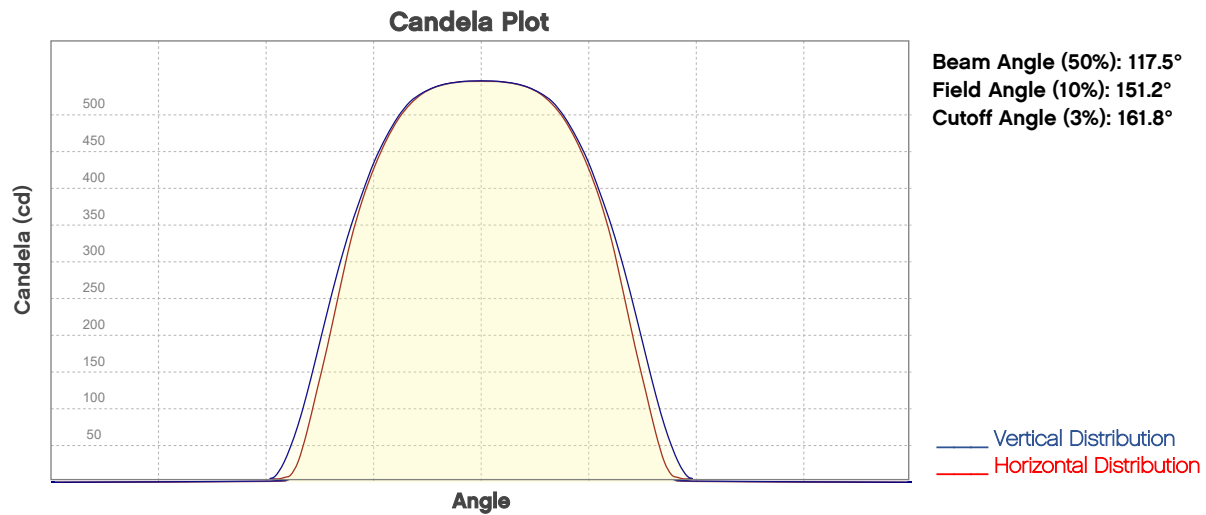


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	546	136	61	34	22	15	11	9	7	5
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

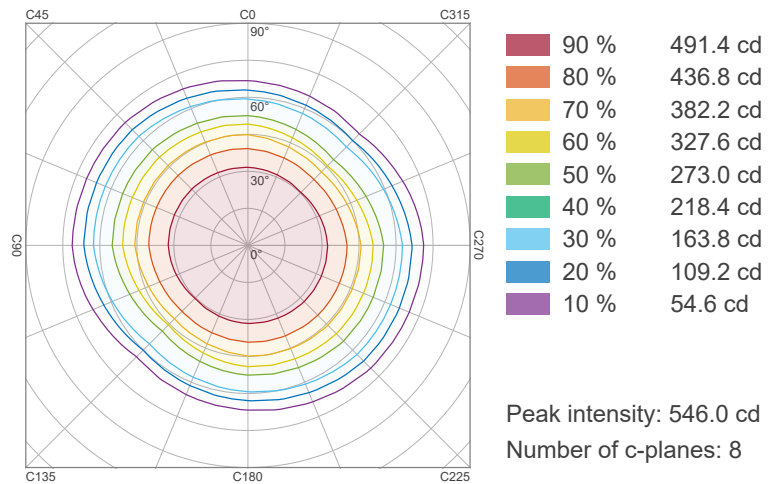
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Red Only

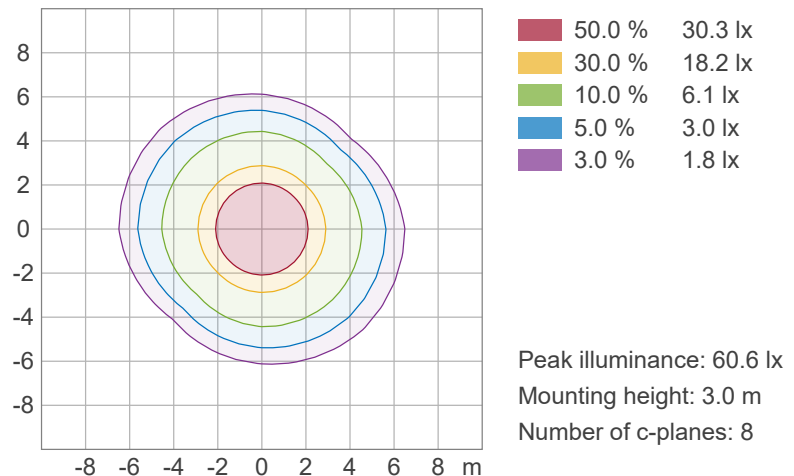


ISO Diagrams

ISO Candela Diagram

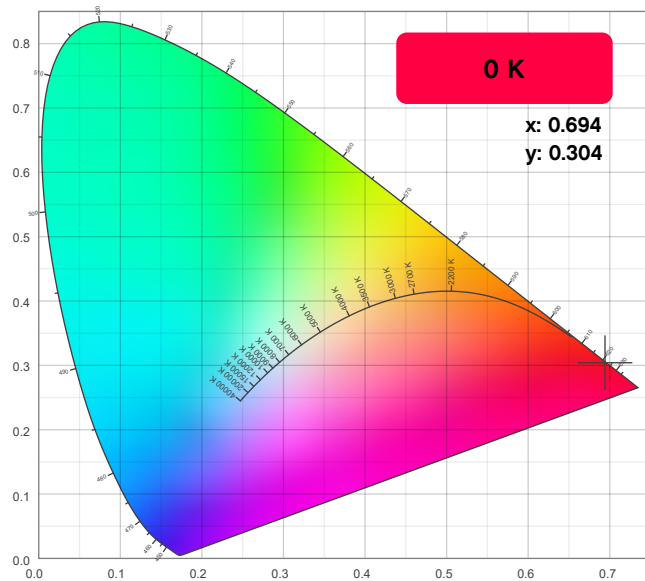


ISO Lux Diagram



COLORado Solo Edge 3: Standard Optics - Red 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	0.694	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{uv}	y	u
n/a	0.304	0.528

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 3: Standard Optics - Red Only

TM-30 Details

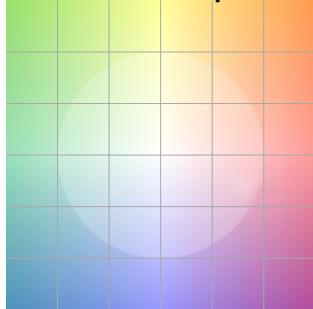
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

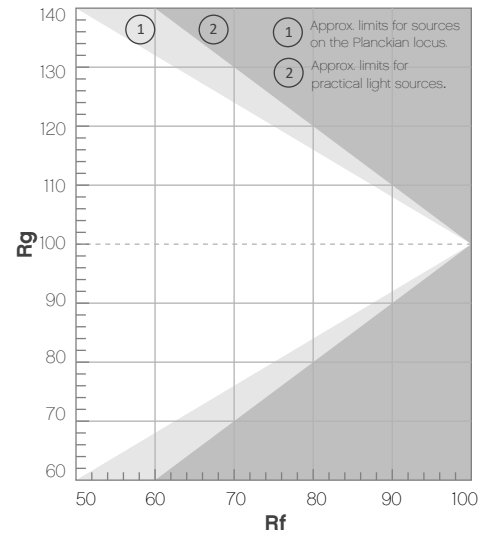
Color Vector Graphic



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 3: Standard Optics - Green Only

Report Summary

Measurements

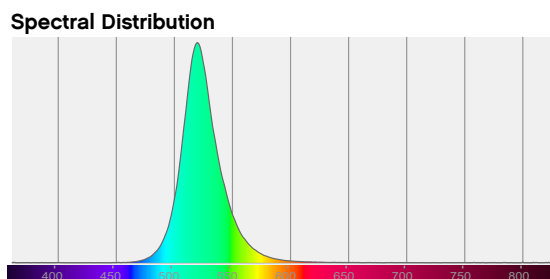
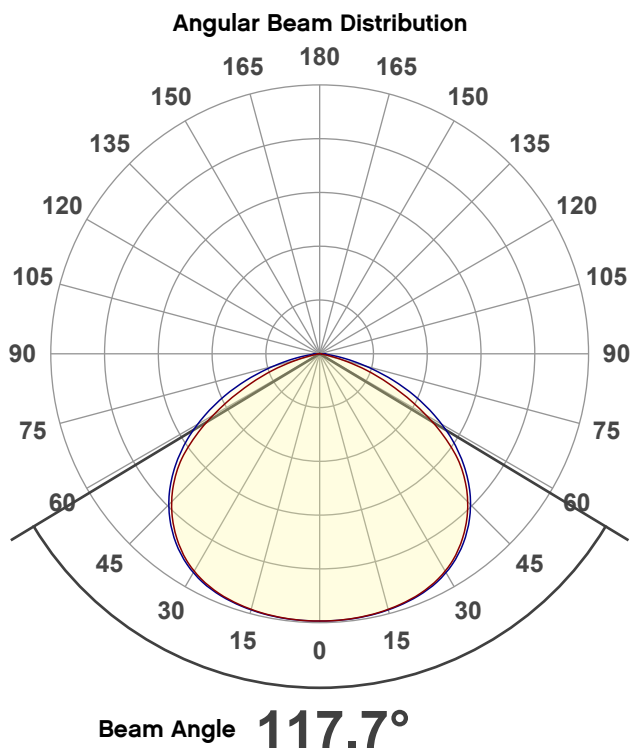
Fixture Output: 3533 lm
Fixture Peak: 1176 cd
Fixture Efficacy: 56 lm/W
Intensity @ 5m: 47 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 117.7°
Field Angle (10%): 151.4°
Cutoff Angle (3%): 162.1°

Conditions

AC Supply: 118 V, 60 Hz
Power: 65.87 W
Current: 0.560 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: 0.162

Y: 0.728



Light Quality

CRI: 0.0

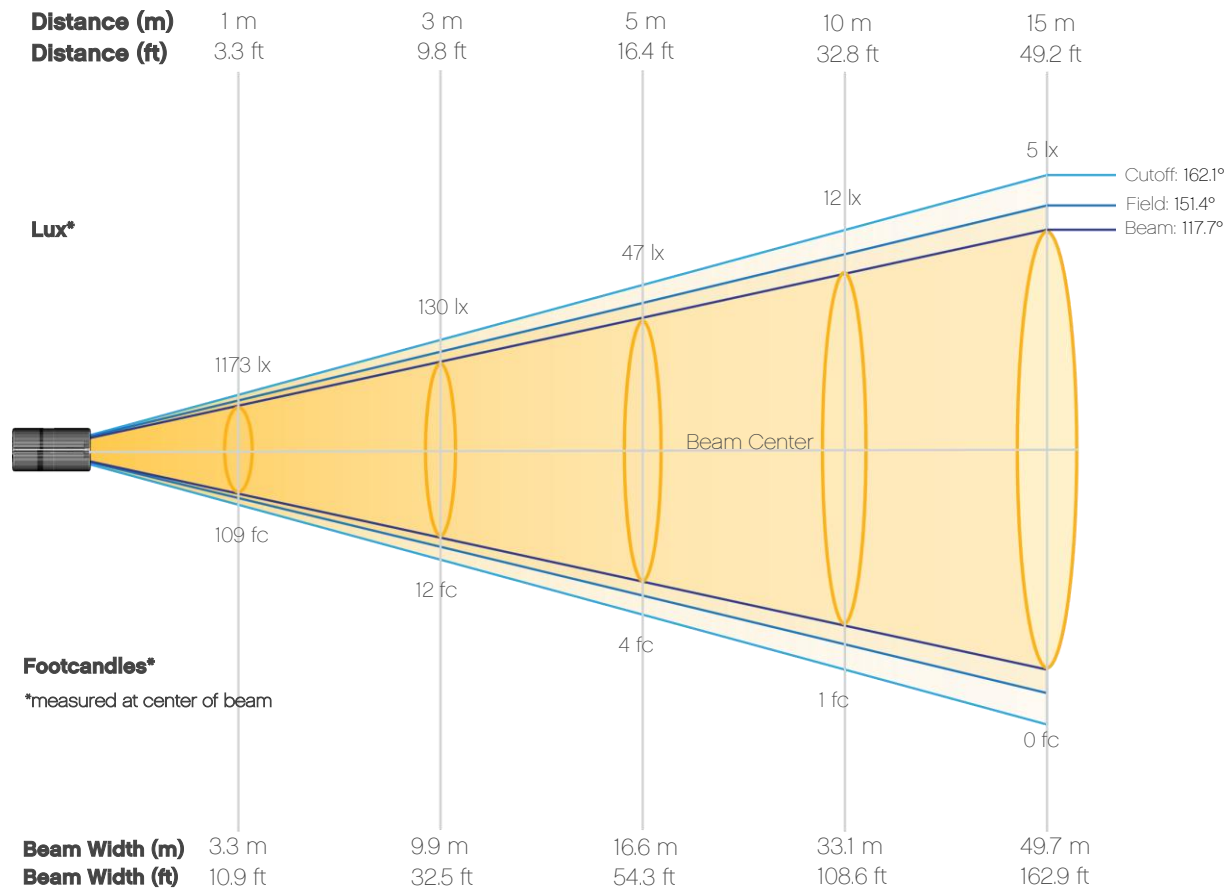
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Green Only

Beam Details

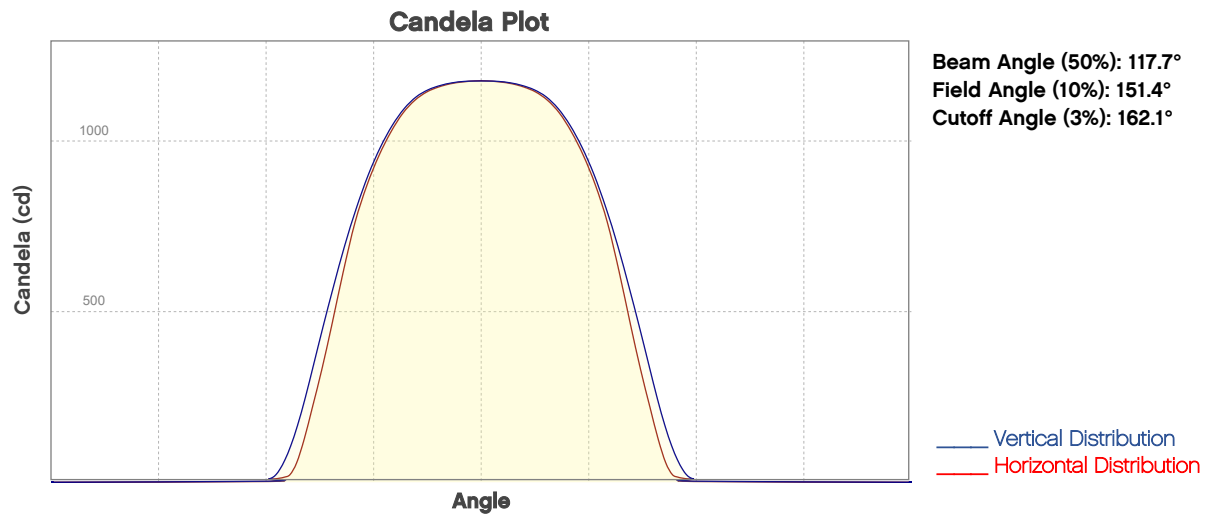


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1173	293	130	73	47	33	24	18	14	12
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	10	8	7	6	5	5	4	4	3	3
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	109	27	12	7	4	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	0	0	0	0	0	0

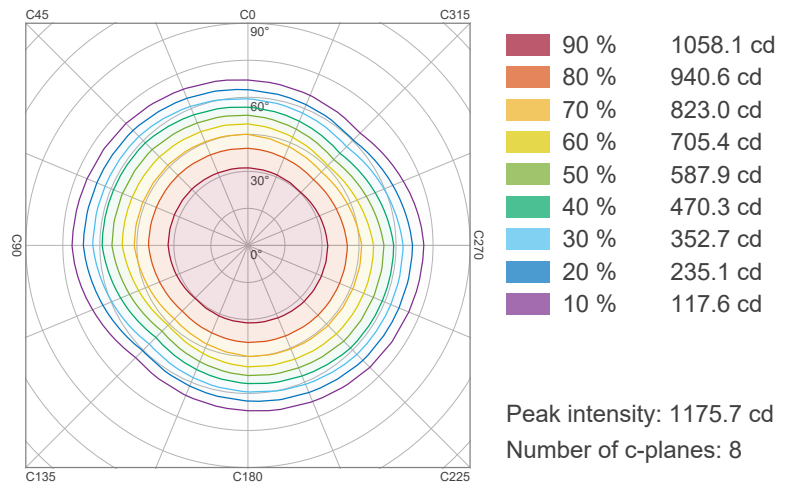
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Green Only

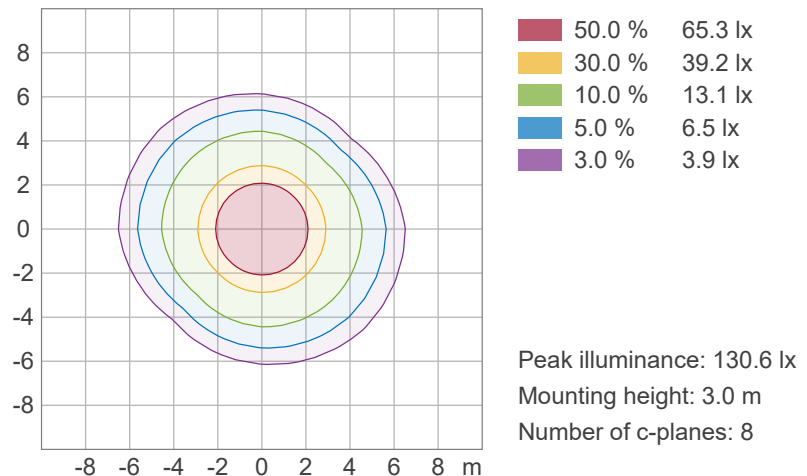


ISO Diagrams

ISO Candela Diagram



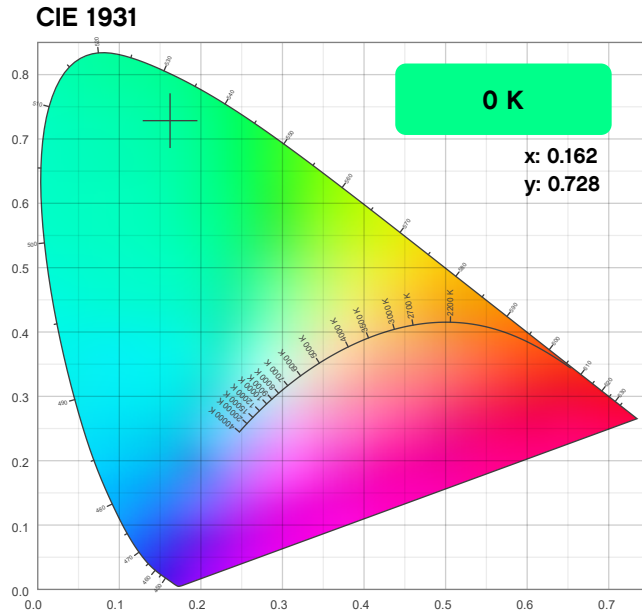
ISO Lux Diagram



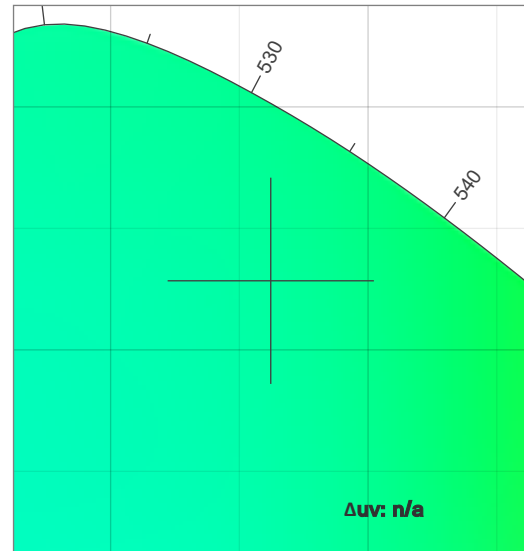
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Green Only

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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	0.162	0.728

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.728	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	TM30 - Rf	TM30 Rg
n/a	0.0	0.0

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Green Only

TM-30 Details

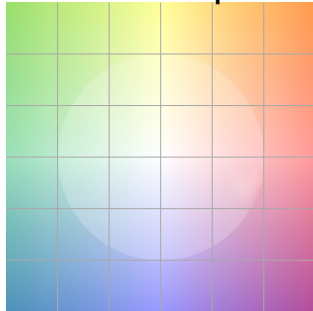
Rf 0.0

Fidelity Index
(Rg)

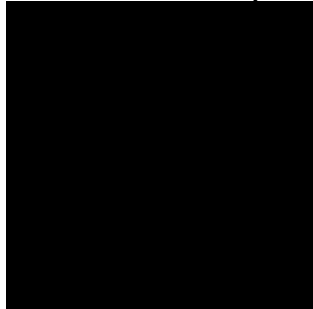
Rg 0.0

Gammut Index
(Rg)

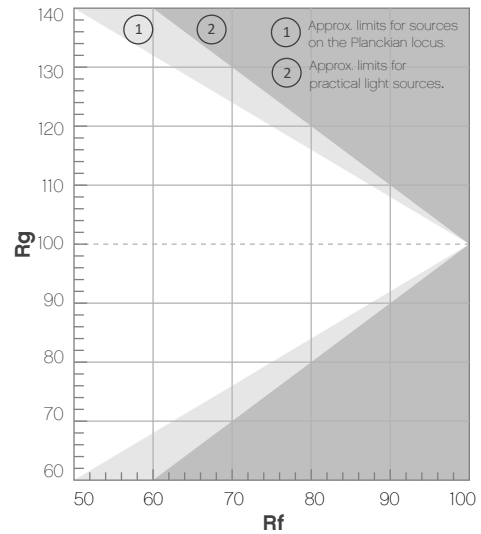
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Blue Only

Report Summary

Measurements

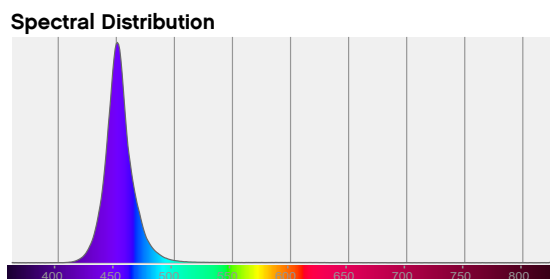
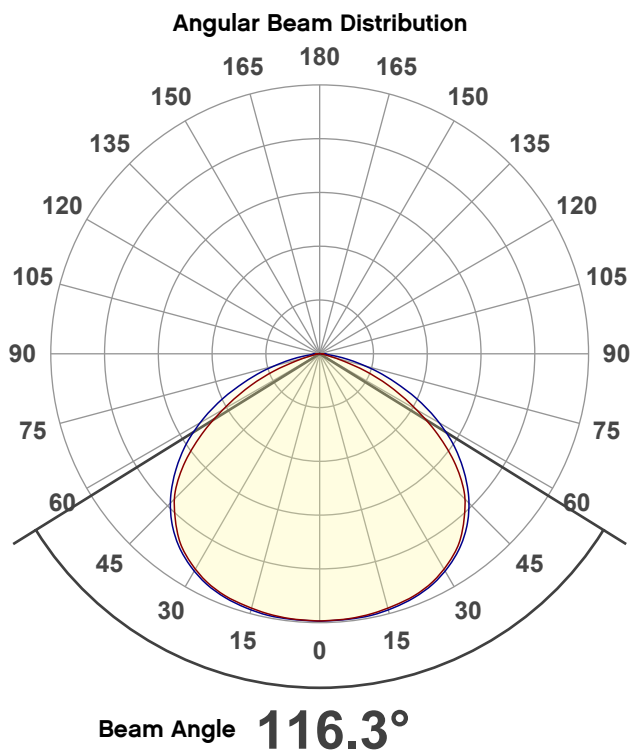
Fixture Output: 783 lm
Fixture Peak: 266 cd
Fixture Efficacy: 12 lm/W
Intensity @ 5m: 11 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 116.3°
Field Angle (10%): 149.5°
Cutoff Angle (3%): 160.6°

Conditions

AC Supply: 118 V, 60 Hz
Power: 68.2 W
Current: 0.580 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 Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.153

Y: 0.029



Light Quality

CRI: 0.0

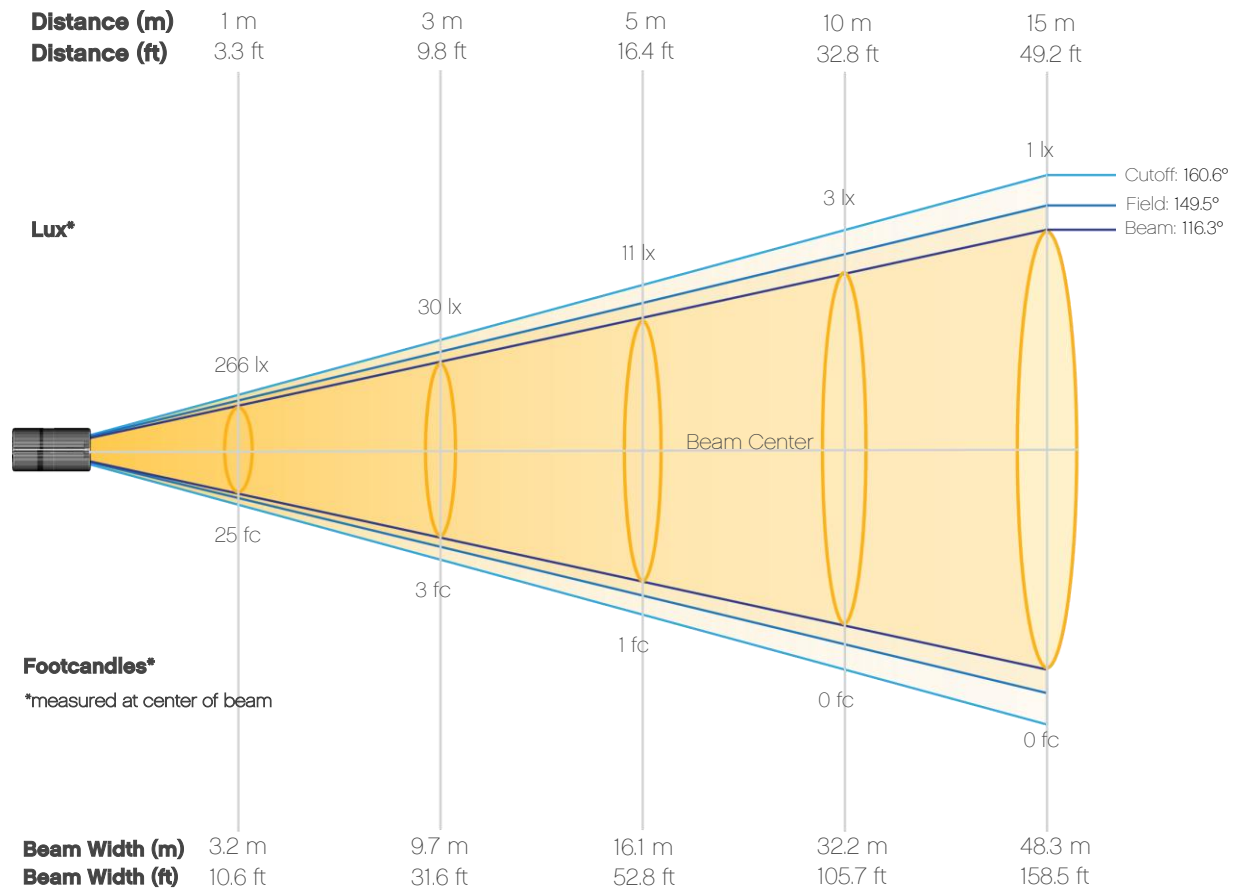
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Blue Only

Beam Details

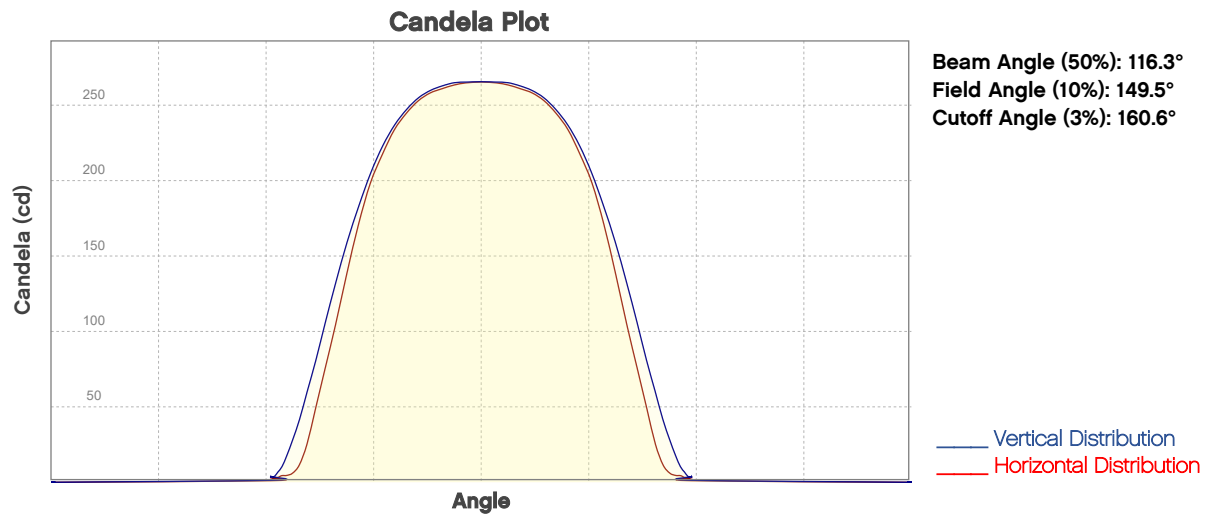


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	266	66	30	17	11	7	5	4	3	3
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2	2	2	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	25	6	3	2	1	1	1	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

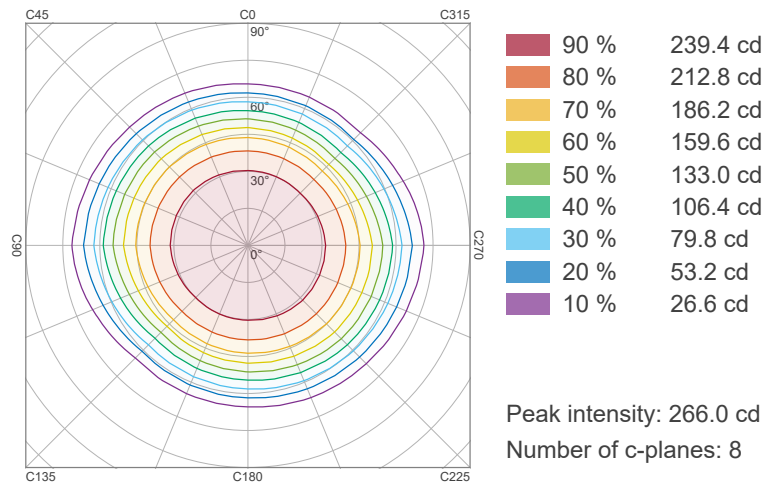
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Blue Only

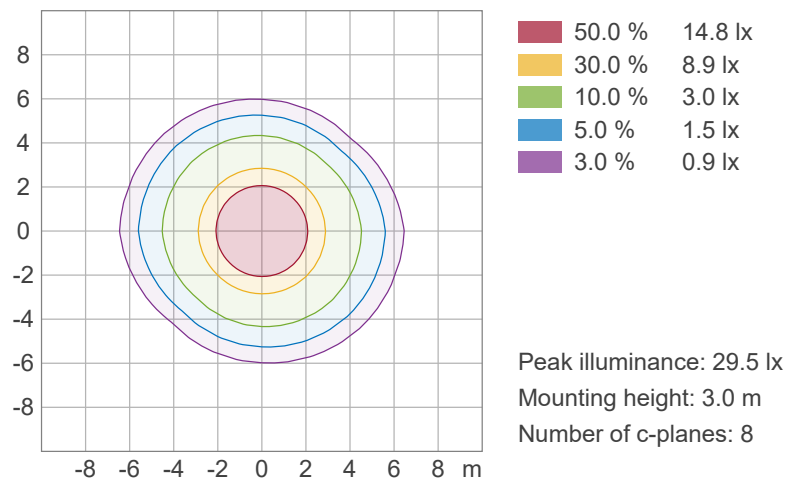


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



COLORado Solo Edge 3: Standard Optics - Blue Only

CIE 1931



x: 0.153
y: 0.029

Δυν: n/a

0	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	0.153	0.029

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{uv}	y	u
n/a	0.029	0.202

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 3: Standard Optics - Blue Only

TM-30 Details

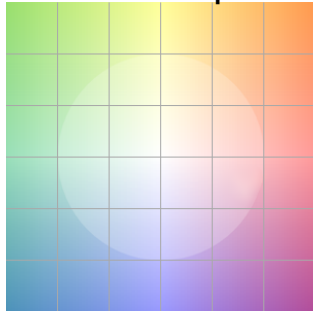
Rf 0.0

Fidelity Index
(Rg)

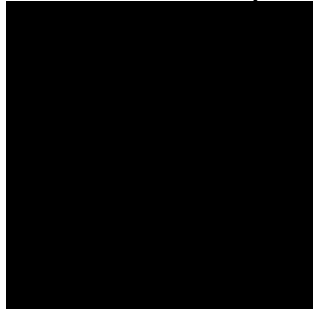
Rg 0.0

Gammut Index
(Rg)

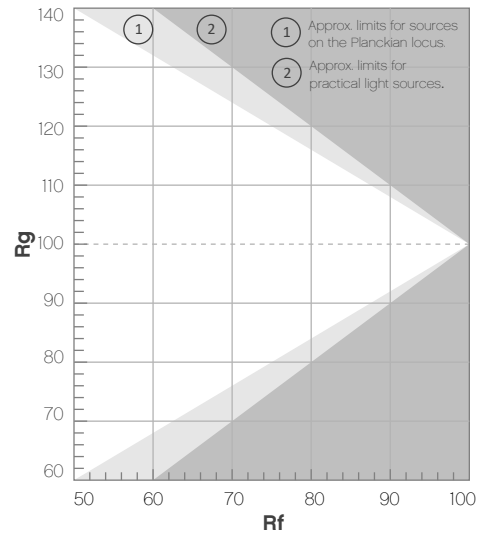
Color Vector Graphic



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 3: Standard Optics - Warm White Only

Report Summary

Measurements

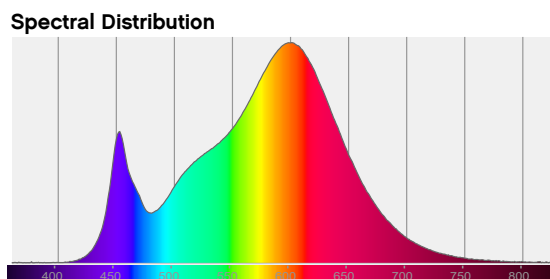
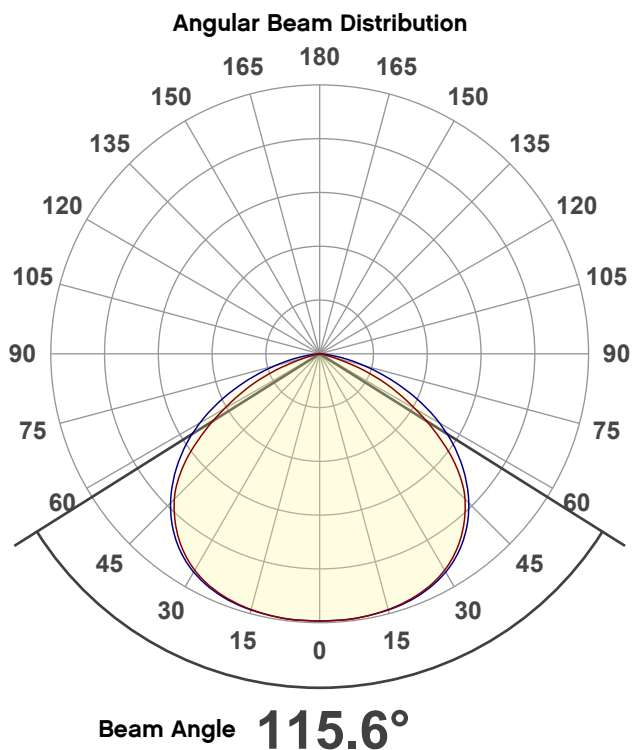
Fixture Output: 5843 lm
Fixture Peak: 2009 cd
Fixture Efficacy: 92 lm/W
Intensity @ 5m: 80 lux
Color Temperature: 3168 K
CRI: 80.5 CRI R9 Value: -6.1
CQS: 80.2
TLCI: 64
TM-30 Rf: 83.4
TM-30 Rg: 93.7
Beam Angle (50%): 115.6°
Field Angle (10%): 148.6°
Cutoff Angle (3%): 158.5°

Conditions

AC Supply: 118 V, 60 Hz
Power: 66.42 W
Current: 0.565 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 Davie, FL on 1/8/2026 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.426

Y: 0.400



Light Quality

CRI: 80.5

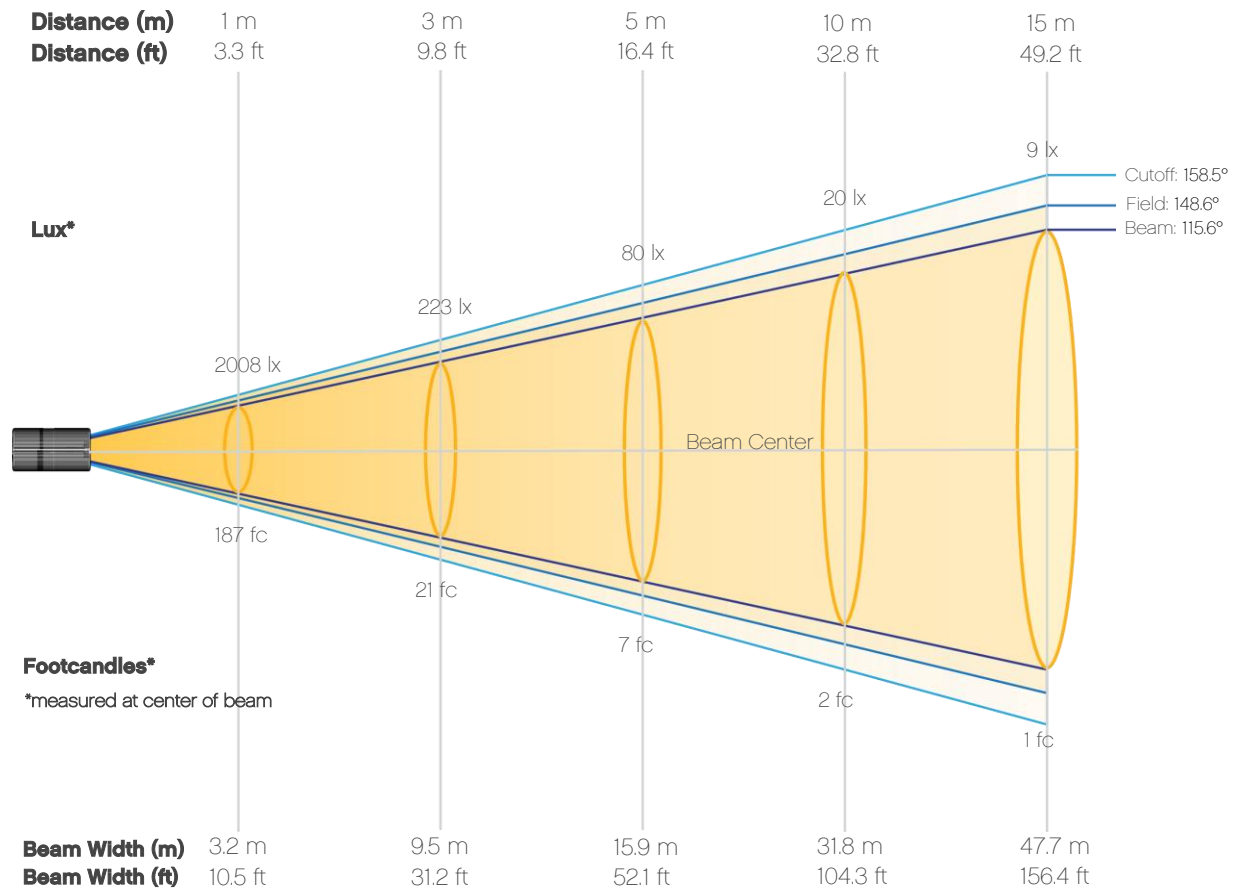
Color Temperature

3168 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Warm White Only

Beam Details

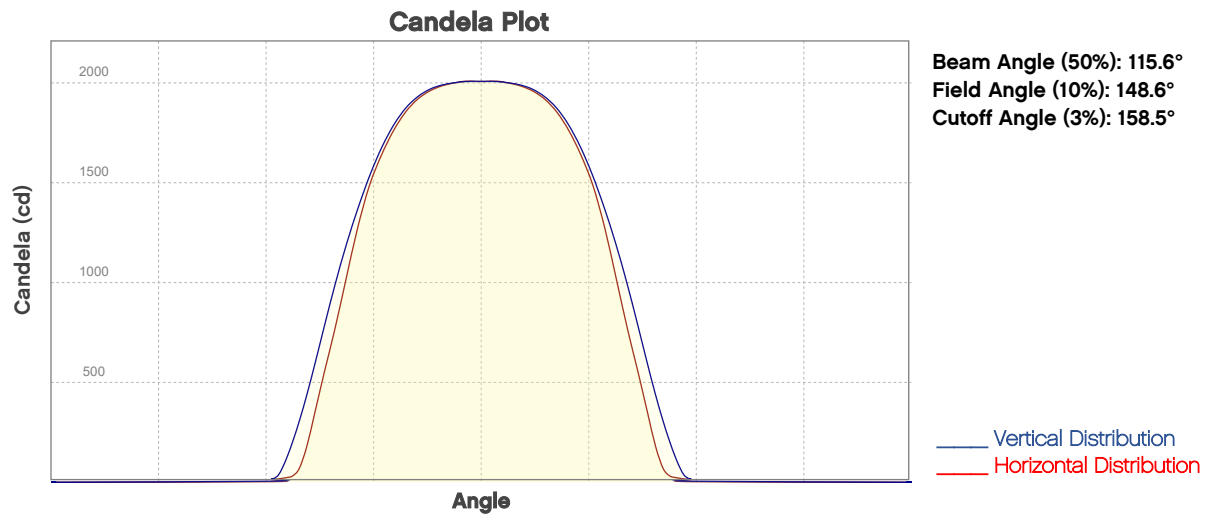


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2008	502	223	125	80	56	41	31	25	20
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	17	14	12	10	9	8	7	6	6	5
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	187	47	21	12	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	2	1	1	1	1	1	1	1	1	0

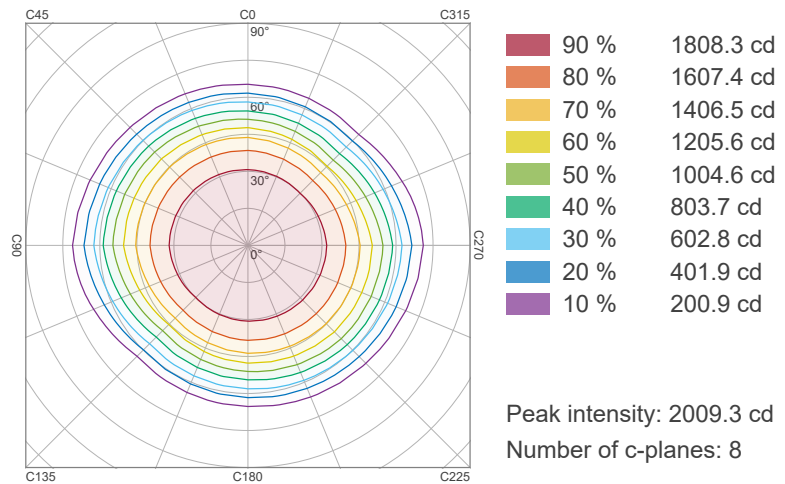
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Warm White Only

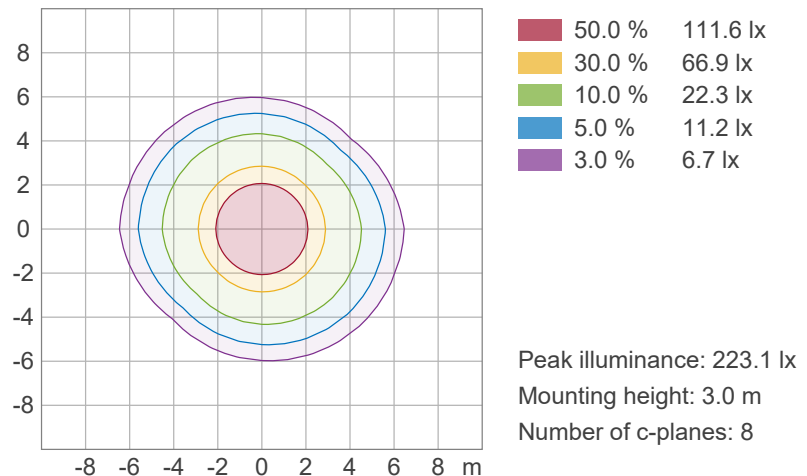


ISO Diagrams

ISO Candela Diagram



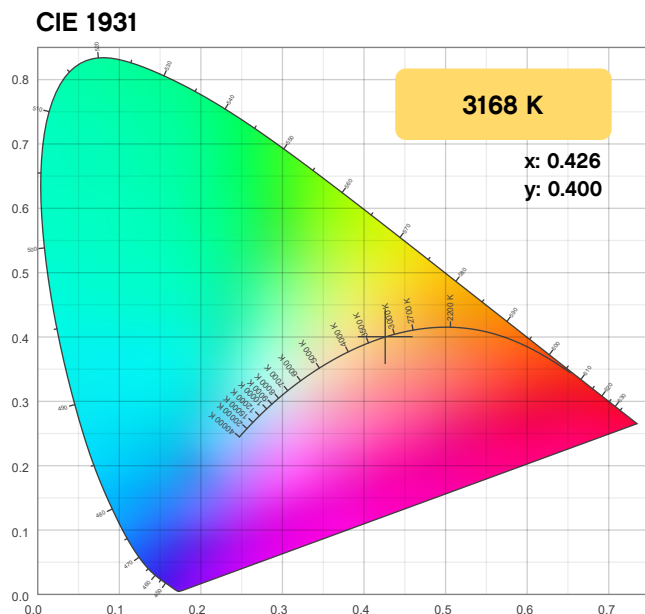
ISO Lux Diagram



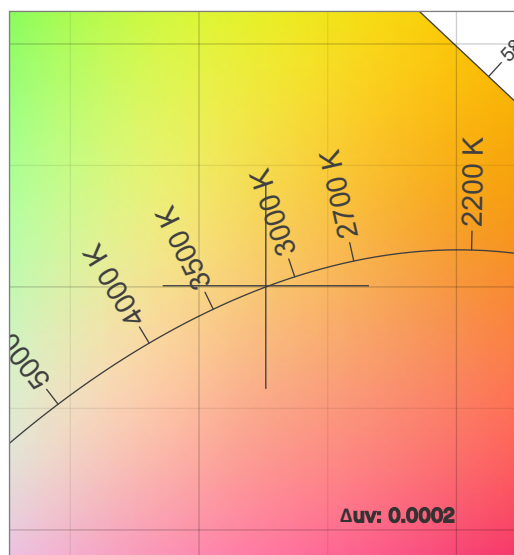
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Warm White Only

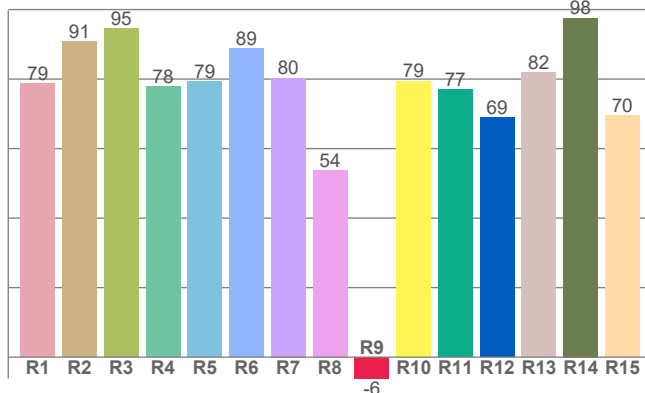
Chromaticity



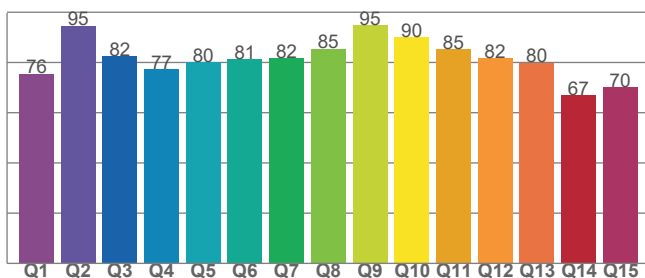
CIE 1931 - Zoom



CRI: 80.5 (R1-R8)



CQS: 80.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3168 K	0.426	0.400

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.400	0.245

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.5	-6.1	80.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	83.4	93.7

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Warm White Only

TM-30 Details

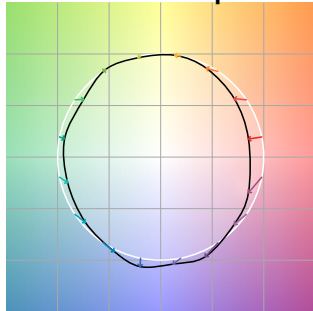
Rf 83.4

Fidelity Index
(R_f)

Rg 93.7

Gammut Index
(R_g)

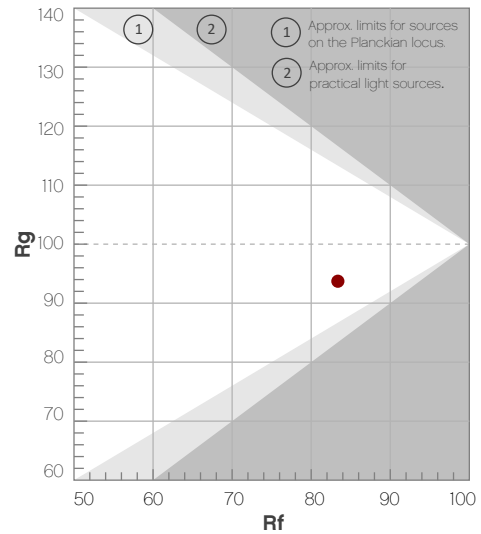
Color Vector Graphic



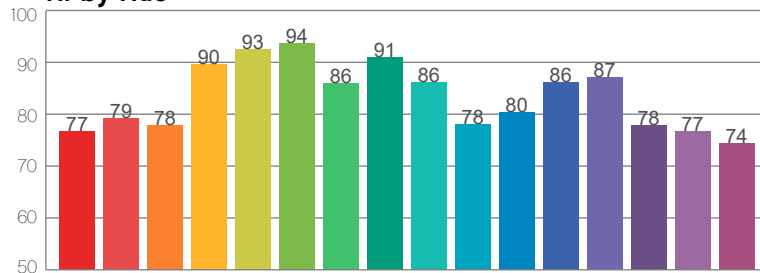
Color Distortion Graphic



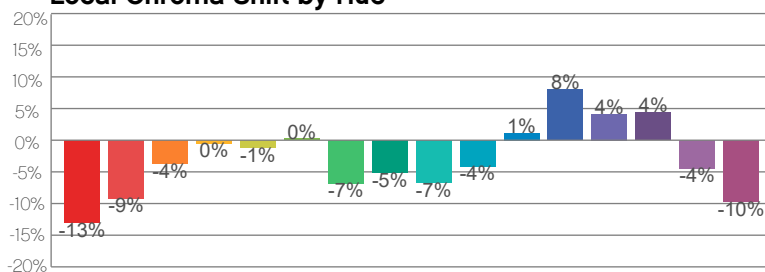
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	77	-13%	1%
2	79	-9%	7%
3	78	-4%	11%
4	90	0%	6%
5	93	-1%	3%
6	94	0%	-3%
7	86	-7%	-5%
8	91	-5%	1%
9	86	-7%	7%
10	78	-4%	12%
11	80	1%	13%
12	86	8%	1%
13	87	4%	-8%
14	78	4%	-18%
15	77	-4%	-15%
16	74	-10%	-17%



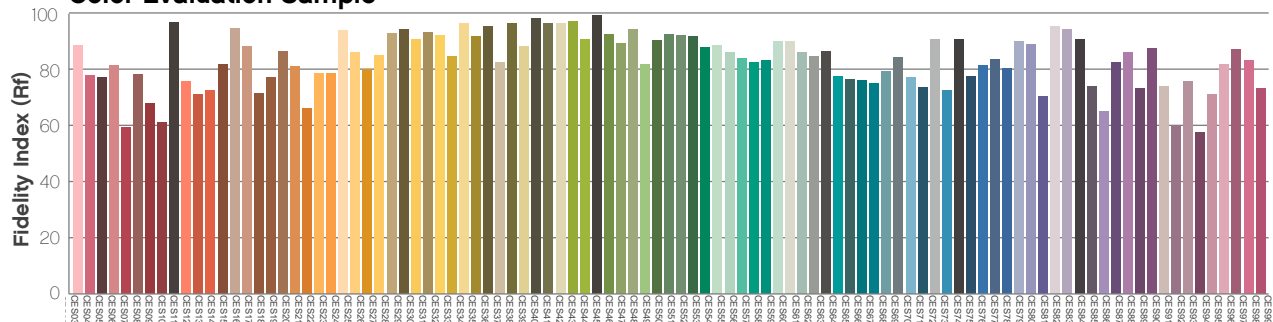
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Lime Only

Report Summary

Measurements

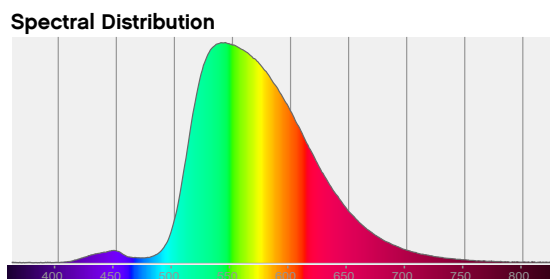
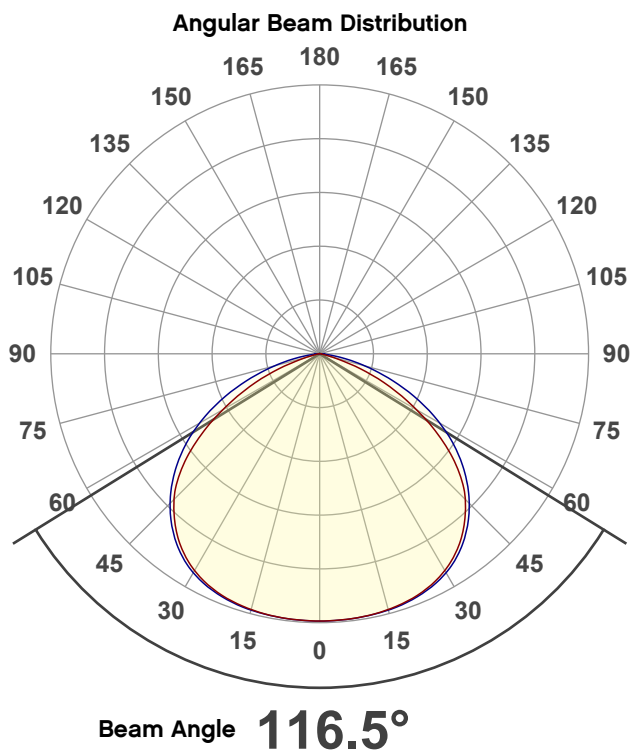
Fixture Output: 8202 lm
Fixture Peak: 2795 cd
Fixture Efficacy: 131 lm/W
Intensity @ 5m: 112 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 116.5°
Field Angle (10%): 148.8°
Cutoff Angle (3%): 159.5°

Conditions

AC Supply: 118 V, 60 Hz
Power: 65.69 W
Current: 0.558 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: 0.415

Y: 0.541



Light Quality

CRI: 0.0

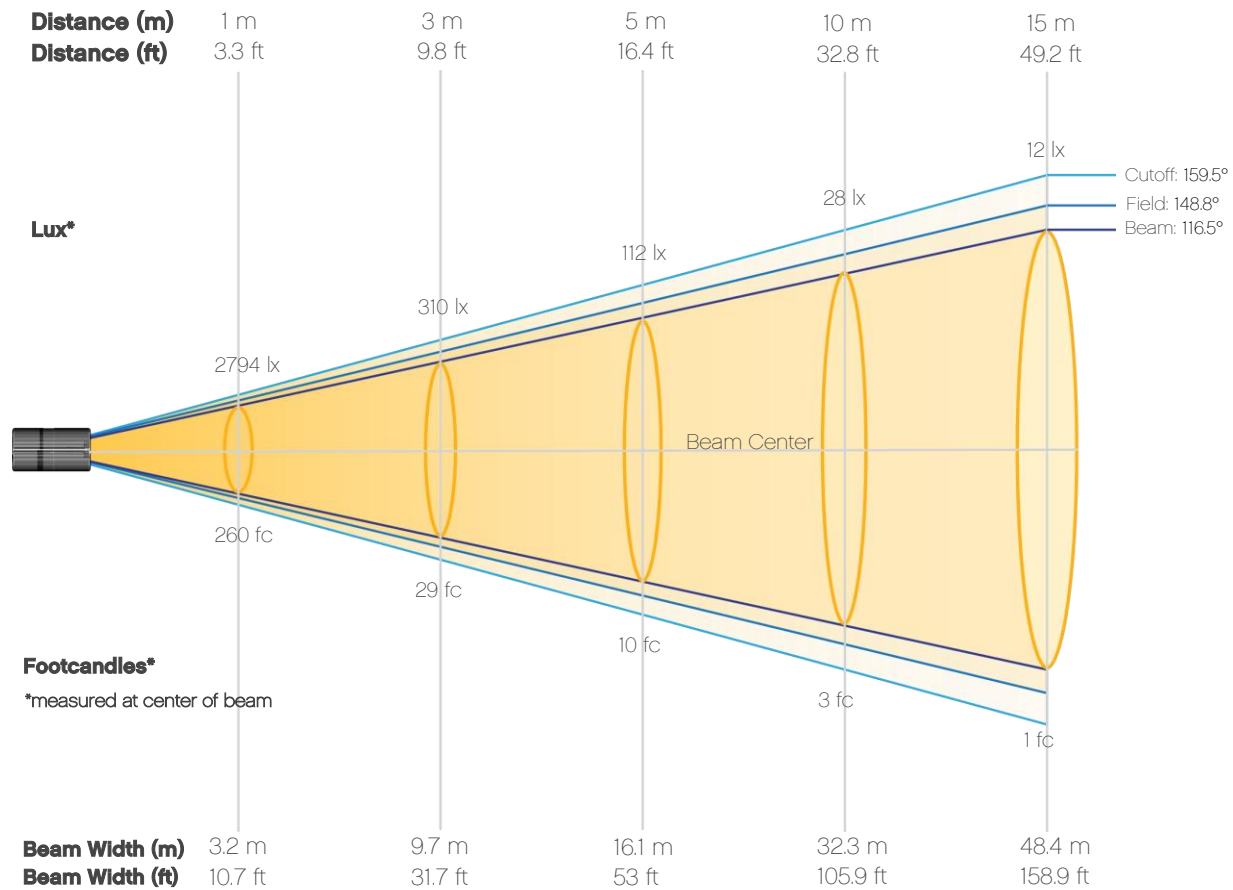
Color Temperature

0 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Lime Only

Beam Details

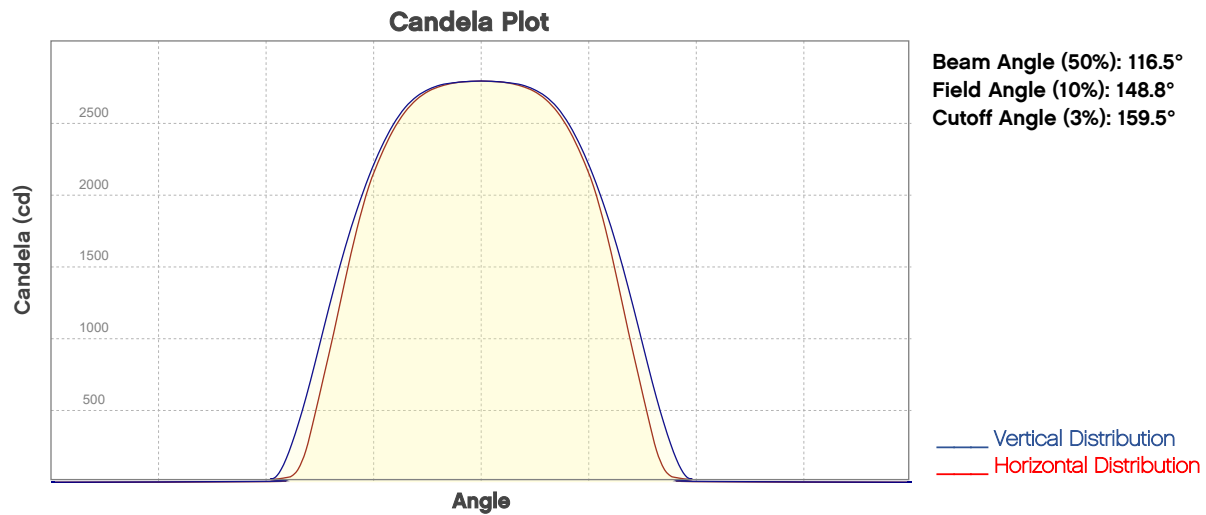


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2794	699	310	175	112	78	57	44	34	28
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	23	19	17	14	12	11	10	9	8	7
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	260	65	29	16	10	7	5	4	3	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

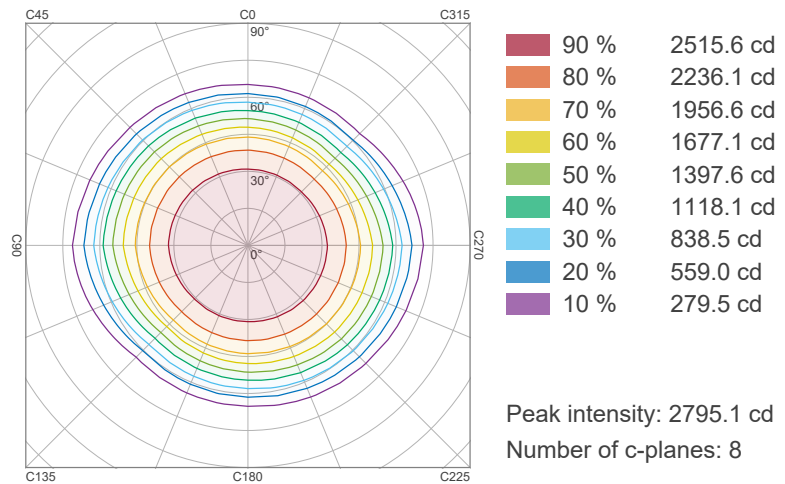
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics - Lime Only

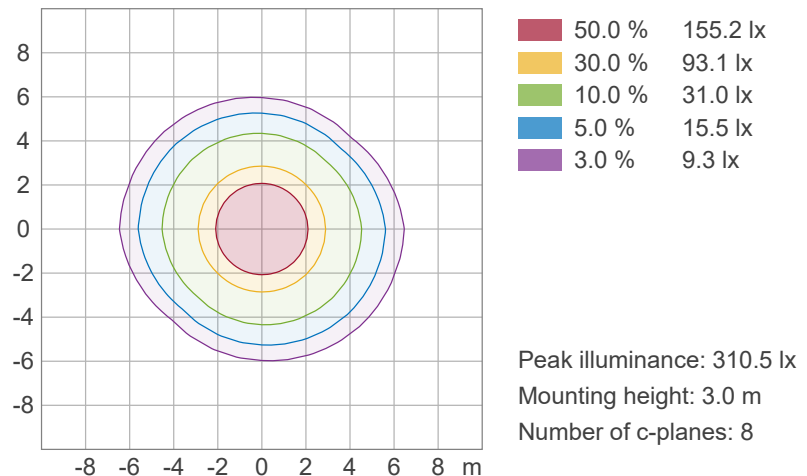


ISO Diagrams

ISO Candela Diagram



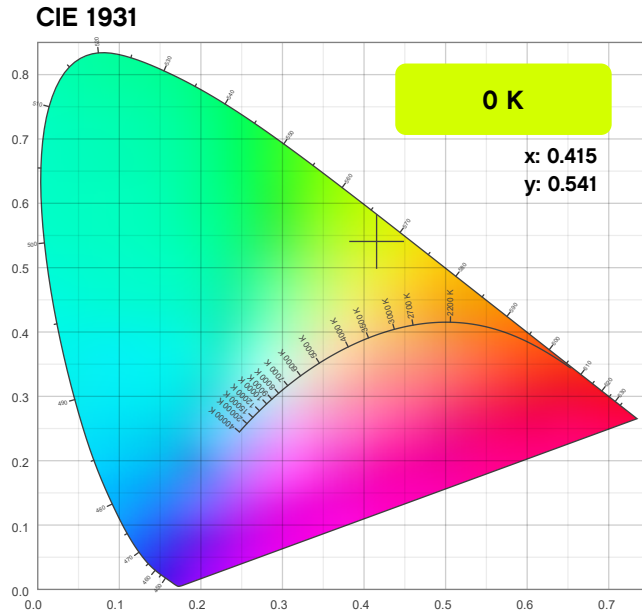
ISO Lux Diagram



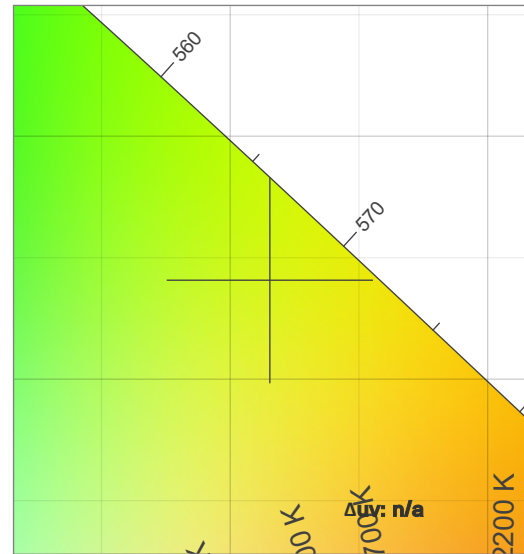
Photometric & Chromaticity Report

COLORado Solo Edge 3: 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	0.415	0.541

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta u v$	y	u
n/a	0.541	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 3: Standard Optics - Lime Only

TM-30 Details

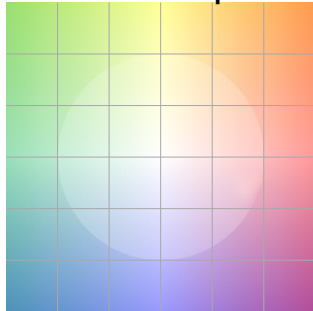
Rf 0.0

Fidelity Index
(Rg)

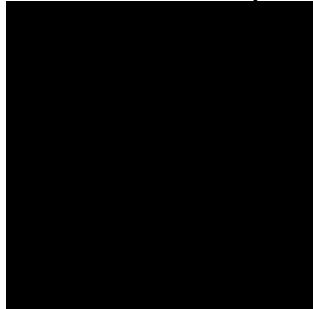
Rg 0.0

Gammut Index
(Rg)

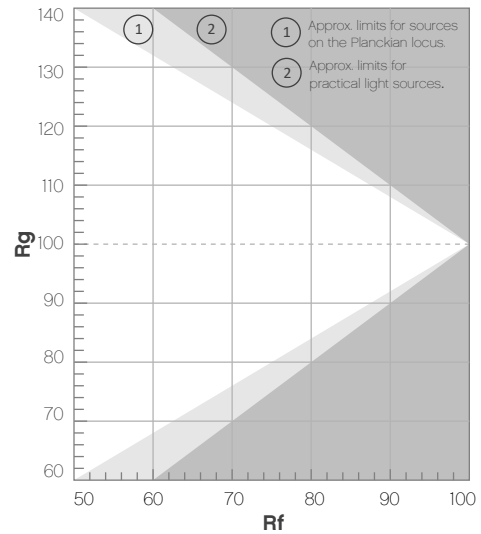
Color Vector Graphic



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 3: Standard Optics-Stealth Filter - Full Power

Report Summary

Measurements

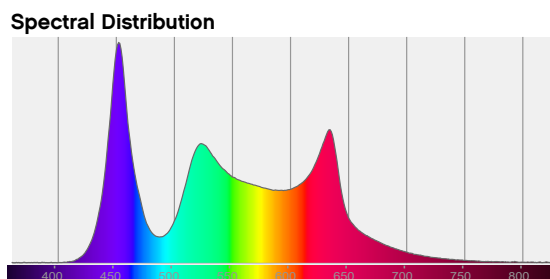
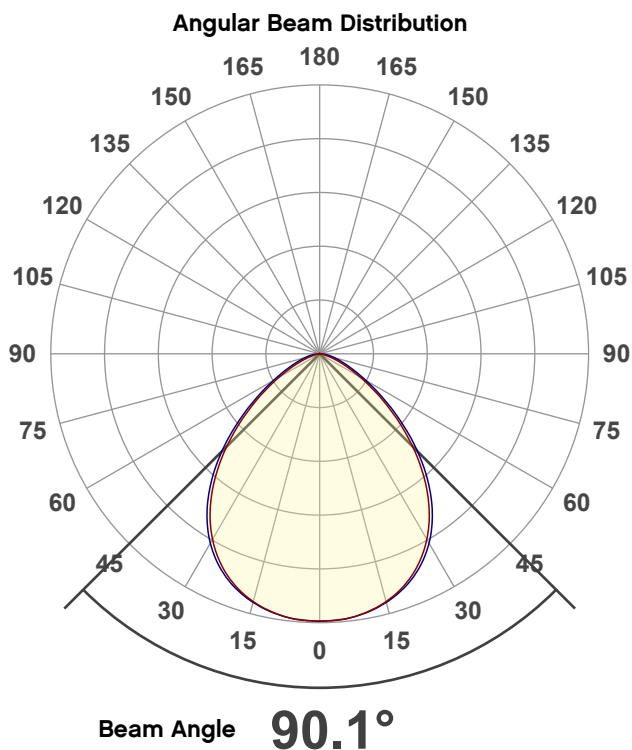
Fixture Output: 4144 lm
Fixture Peak: 2051 cd
Fixture Efficacy: 17 lm/W
Intensity @ 5m: 82 lux
Color Temperature: 5934 K
CRI: 88.8 CRI R9 Value: 70.6
CQS: 89.1
TLCI: 89
TM-30 Rf: 87.0
TM-30 Rg: 107.6
Beam Angle (50%): 90.1°
Field Angle (10%): 133.4°
Cutoff Angle (3%): 155.8°

Conditions

AC Supply: 116 V, 60 Hz
Power: 245.55 W
Current: 2.12 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 1/13/2026 to LM-63-2002 Standards.

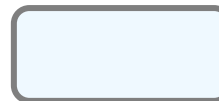
Overall Measurement



Tested Color (CIE 1931):

X: 0.324

Y: 0.325



Light Quality

CRI: 88.8

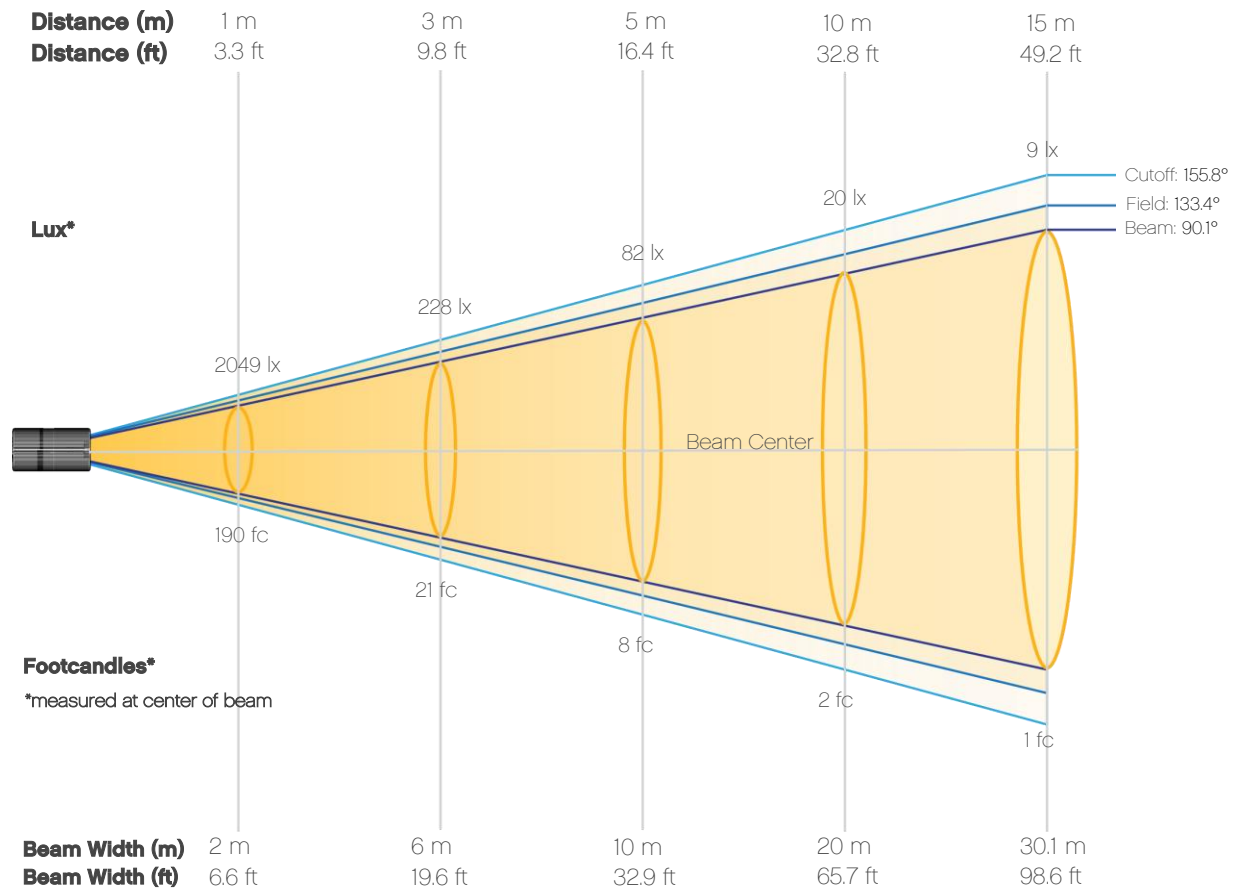
Color Temperature

5934 K

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics-Stealth Filter - Full Power

Beam Details

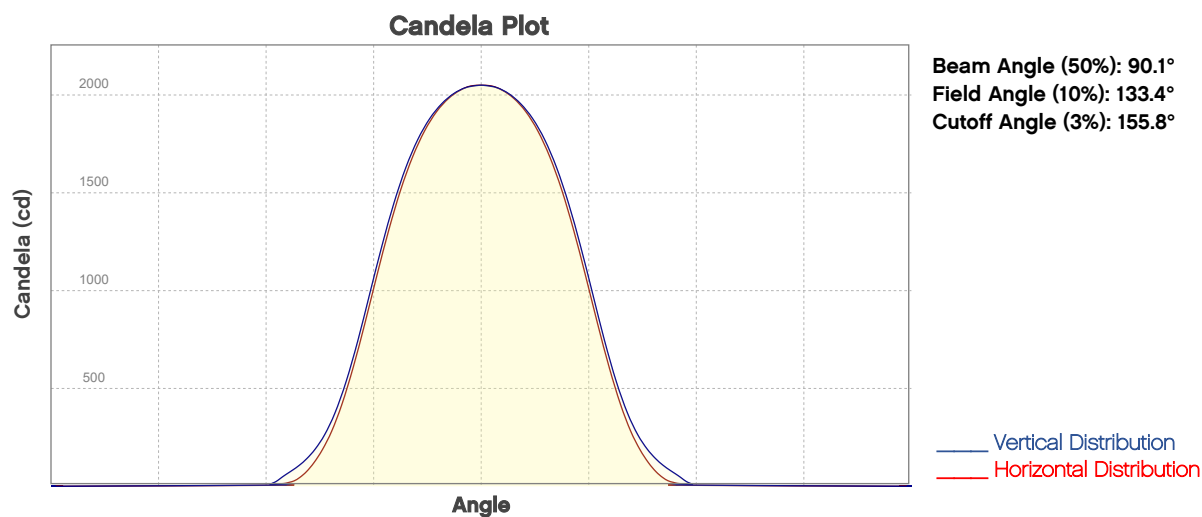


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2049	512	228	128	82	57	42	32	25	20
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	17	14	12	10	9	8	7	6	6	5
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	190	48	21	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

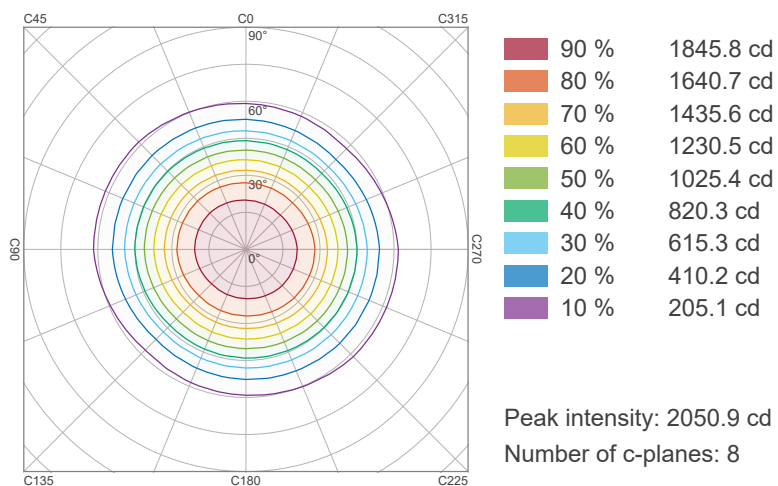
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics-Stealth Filter - Full Power

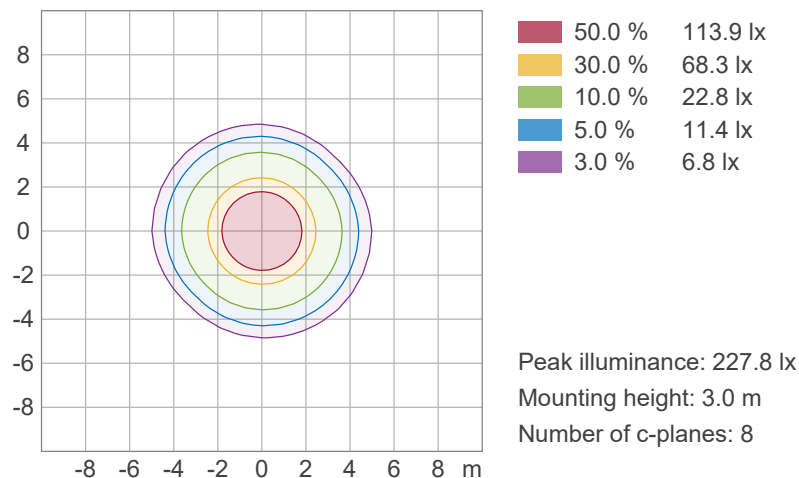


ISO Diagrams

ISO Candela Diagram



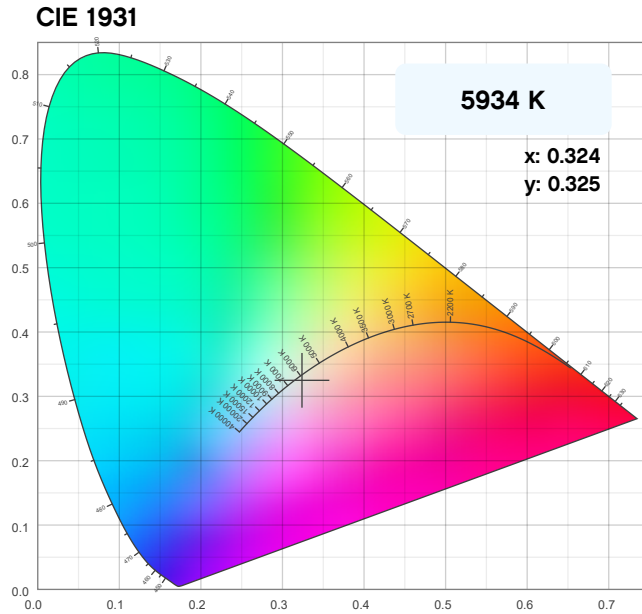
ISO Lux Diagram



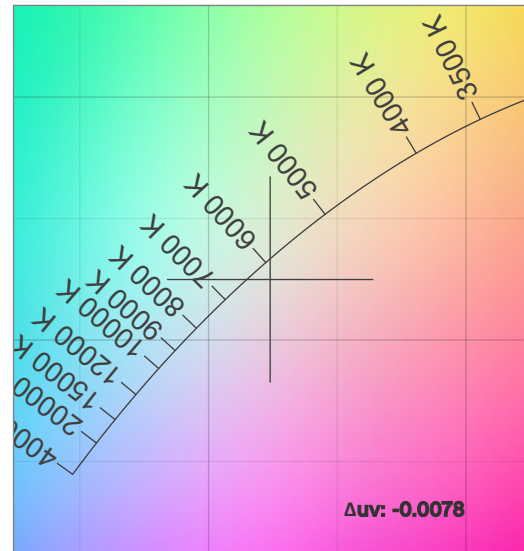
Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics-Stealth Filter - Full Power

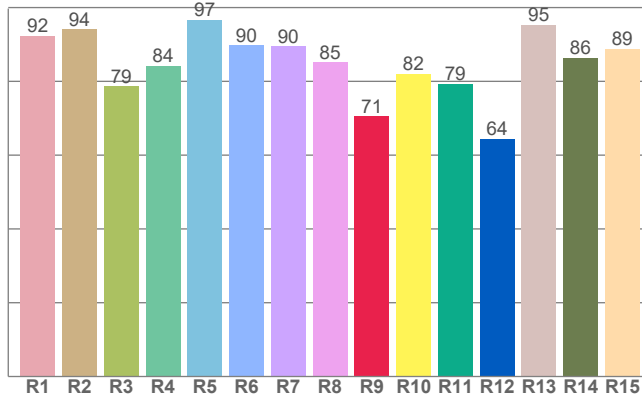
Chromaticity



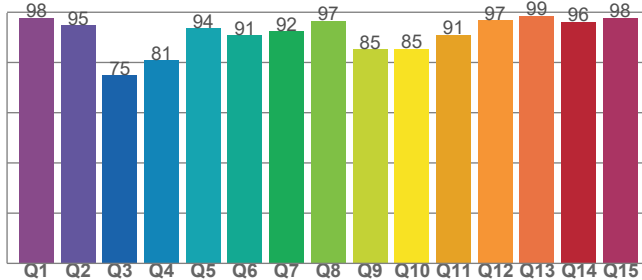
CIE 1931 - Zoom



CRI: 88.8 (R1-R8)



CQS: 89.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5934 K	0.324	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0078	0.325	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
88.8	70.6	89.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
89	87.0	107.6

Photometric & Chromaticity Report

COLORado Solo Edge 3: Standard Optics-Stealth Filter - Full Power

TM-30 Details

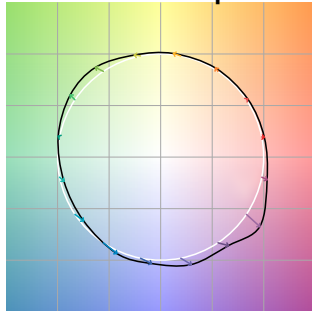
Rf 87.0

Fidelity Index
(Rg)

Rg 107.6

Gammut Index
(Rg)

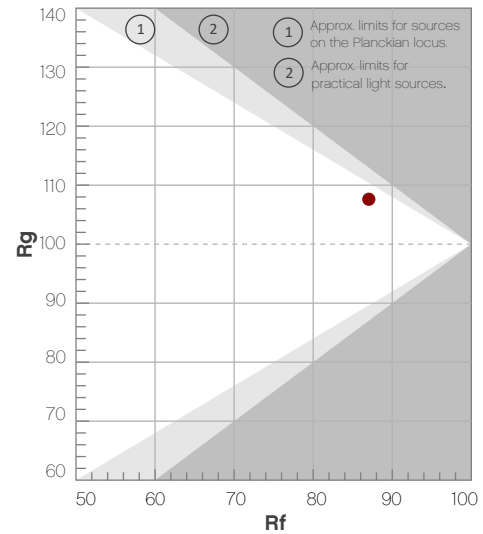
Color Vector Graphic



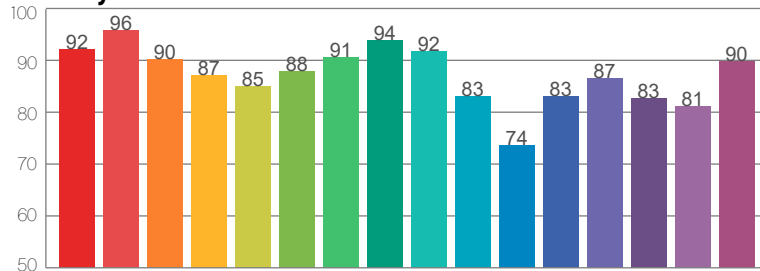
Color Distortion Graphic



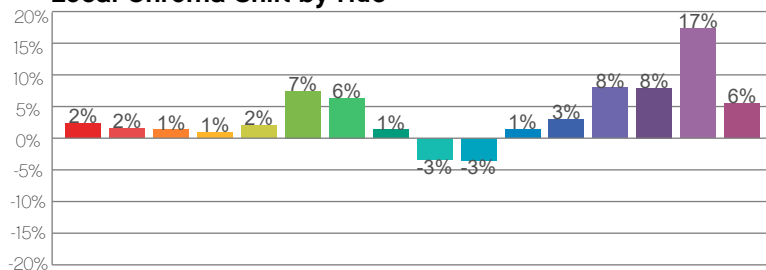
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	92	2%	-1%
2	96	2%	0%
3	90	1%	4%
4	87	1%	7%
5	85	2%	6%
6	88	7%	4%
7	91	6%	-1%
8	94	1%	0%
9	92	-3%	5%
10	83	-3%	10%
11	74	1%	17%
12	83	3%	11%
13	87	8%	9%
14	83	8%	7%
15	81	17%	-3%
16	90	6%	-1%



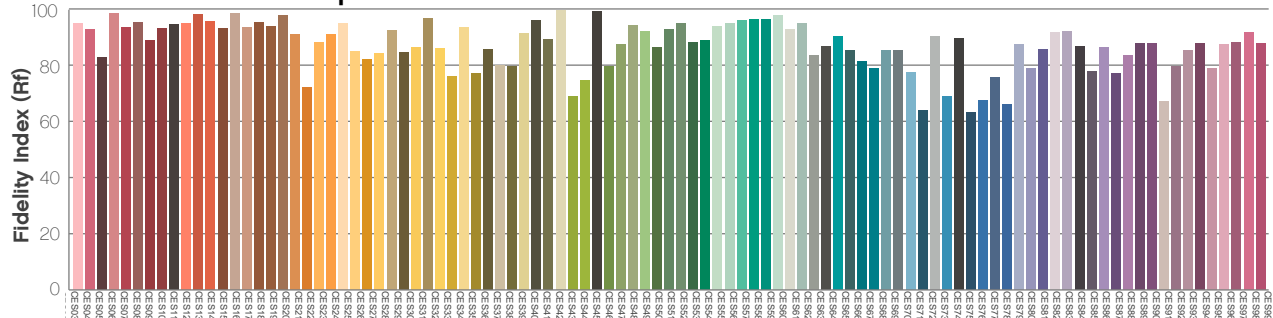
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

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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.

