

COLORDash Par Bar 4

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.

COLOR*dash* Par Bar 4

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Full Power

Report Summary

Measurements

Fixture Output: 17829 lm
Fixture Peak: 139494 cd
Fixture Efficacy: 30 lm/W
Intensity @ 5m: 5578 lux
Color Temperature: 13974 K
CRI: 66.7 CRI R9 Value: -85.6
CQS: 84.5
TLCI: 85
TM-30 Rf: 75.3
TM-30 Rg: 116.0
Beam Angle (50%): 16.6°
Field Angle (10%): 31.5°
Cutoff Angle (3%): 47.7°

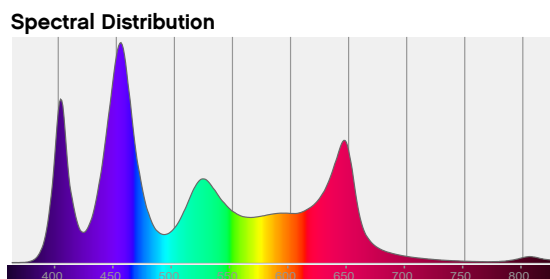
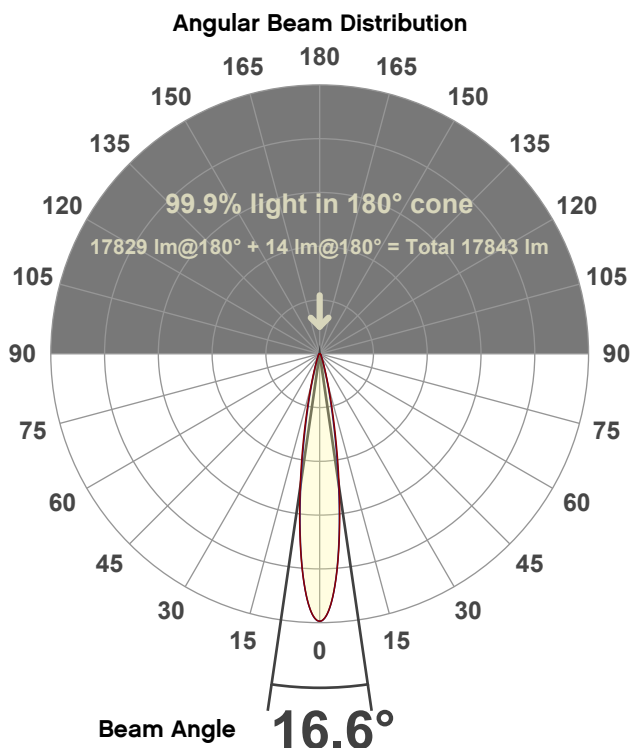


Conditions

AC Supply: 110 V, 60 Hz
Power: 601.57 W
Current: 5.47 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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.284

Y: 0.246



Light Quality

CRI: 66.7

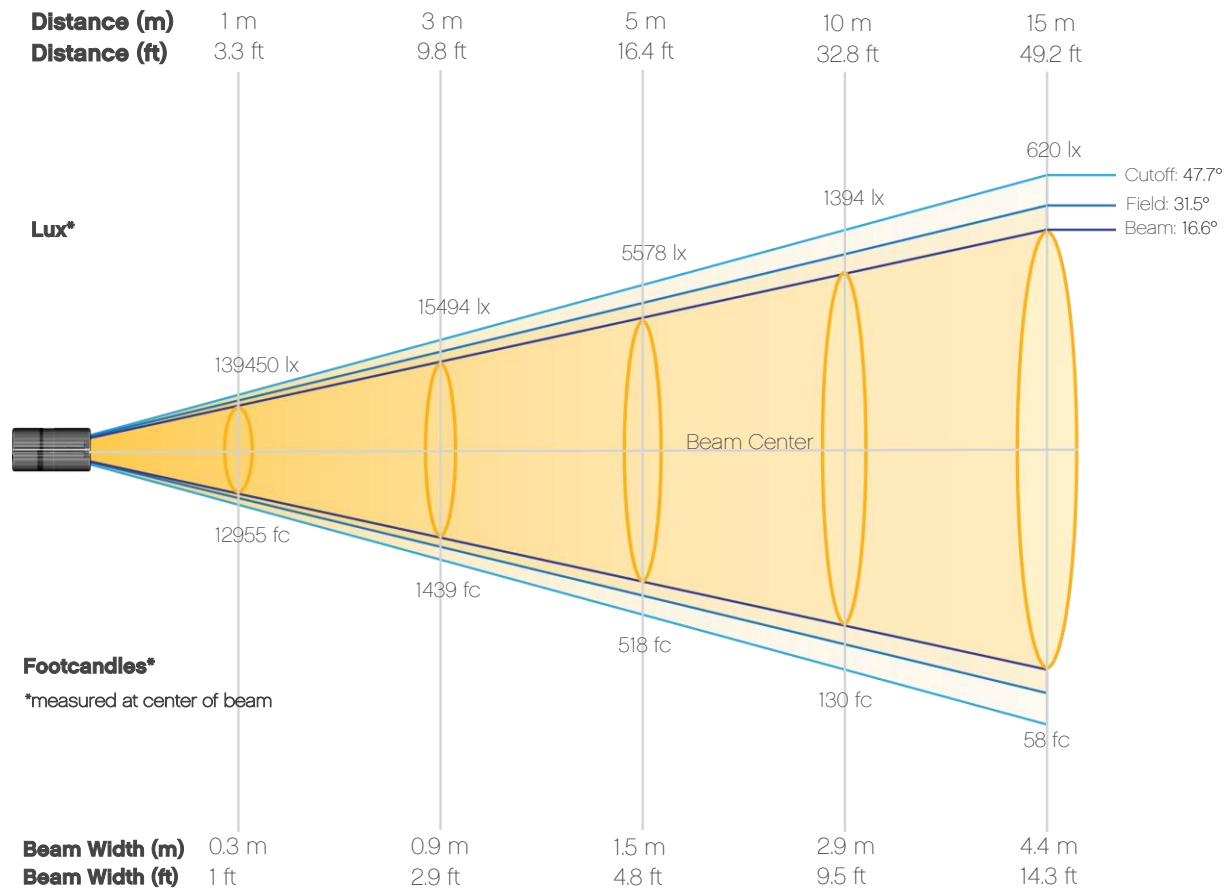
Color Temperature

13974 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power

Beam Details

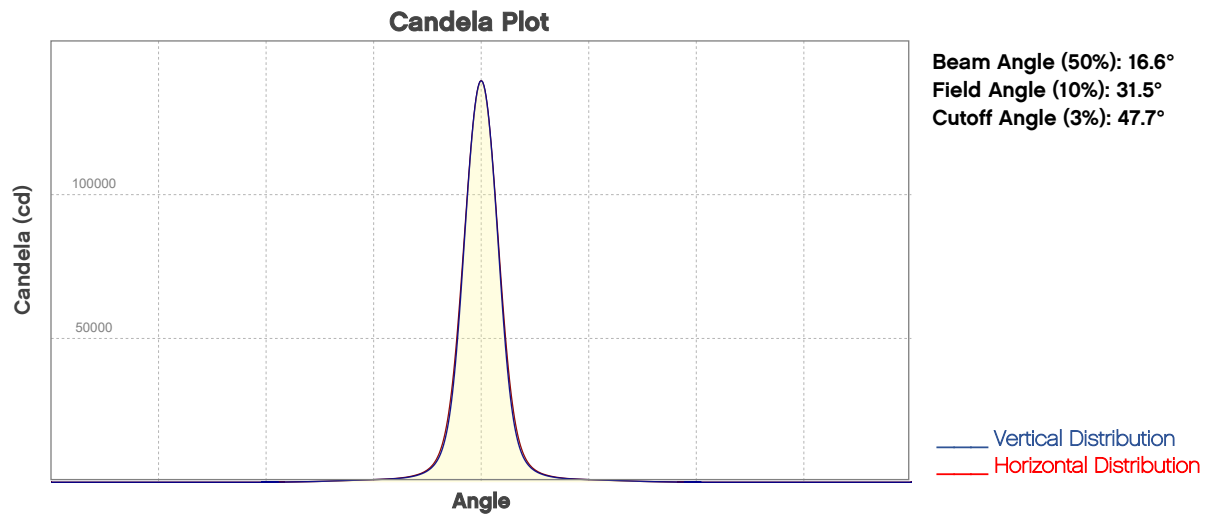


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	139450	34862	15494	8716	5578	3874	2846	2179	1722	1394
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1152	968	825	711	620	545	483	430	386	349
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	12955	3239	1439	810	518	360	264	202	160	130
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	107	90	77	66	58	51	45	40	36	32

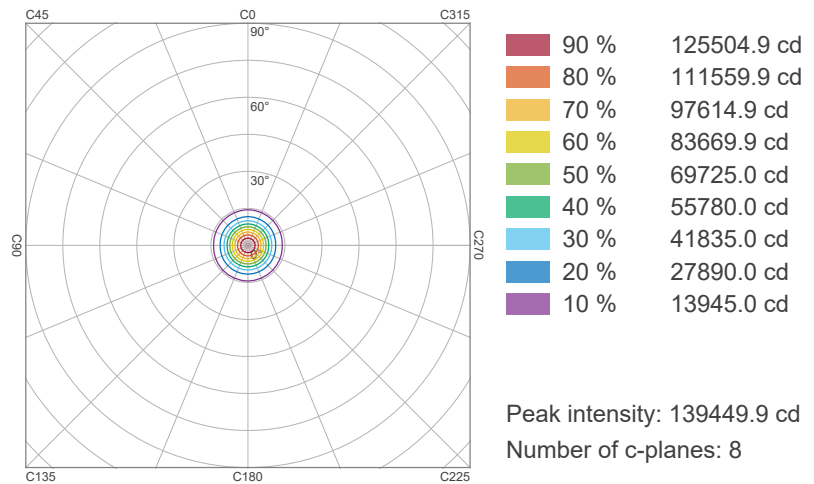
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Full Power

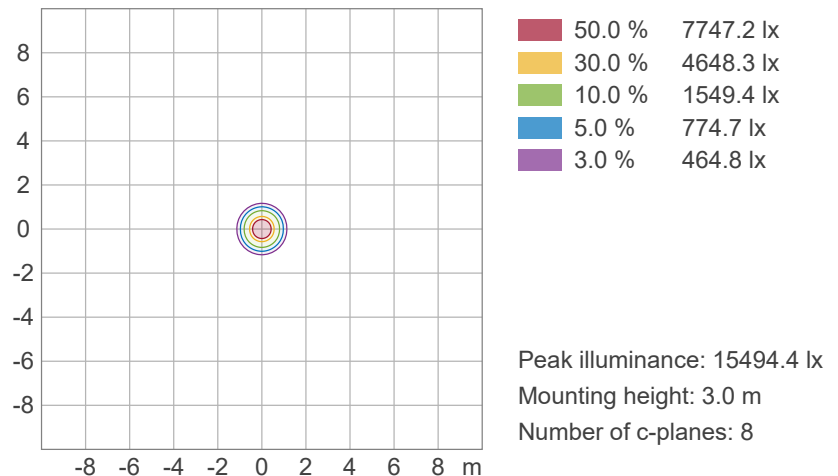


ISO Diagrams

ISO Candela Diagram



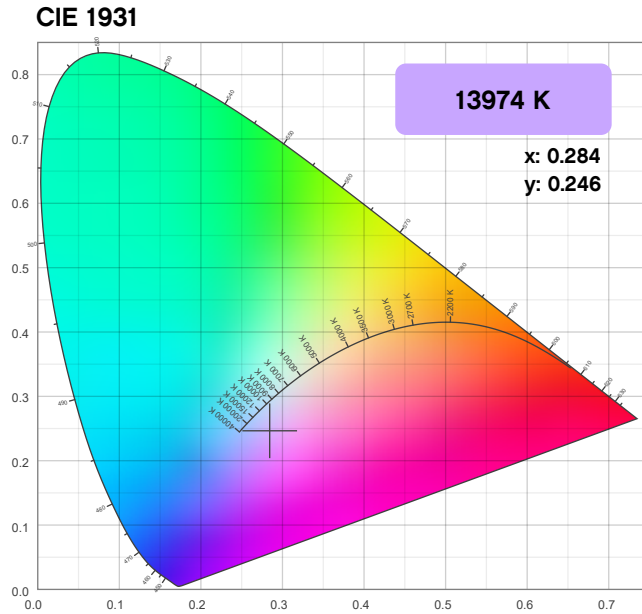
ISO Lux Diagram



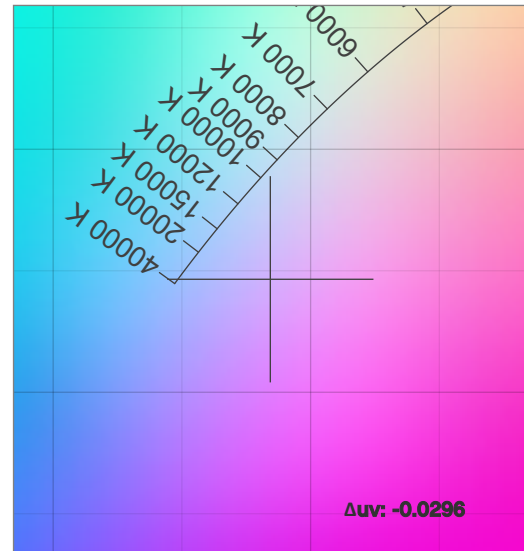
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power

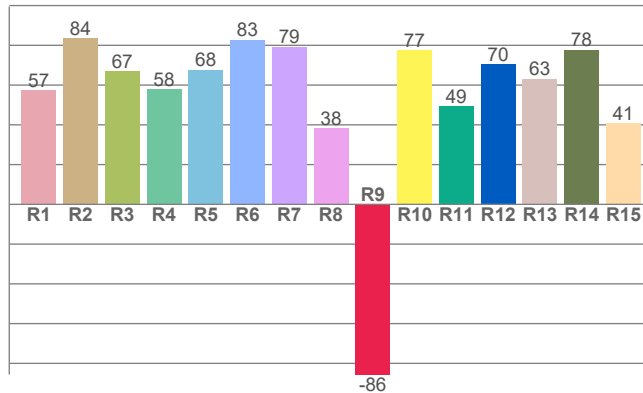
Chromaticity



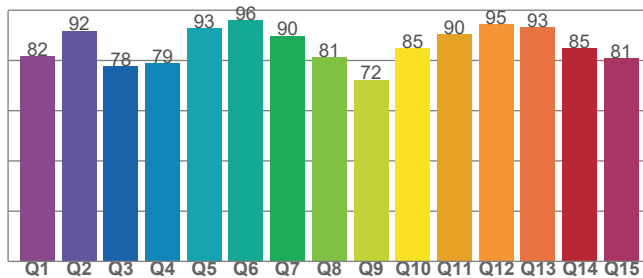
CIE 1931 - Zoom



CRI: 66.7 (R1-R8)



CQS: 84.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
13974 K	0.284	0.246

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0296	0.246	0.211

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.7	-85.6	84.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
85	75.3	116.0

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power

TM-30 Details

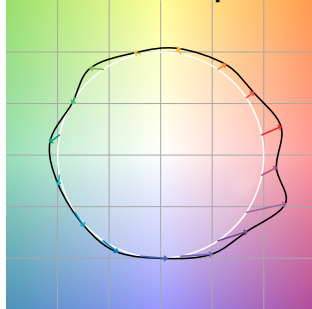
Rf 75.3

Fidelity Index
(R_f)

Rg 116.0

Gammut Index
(R_g)

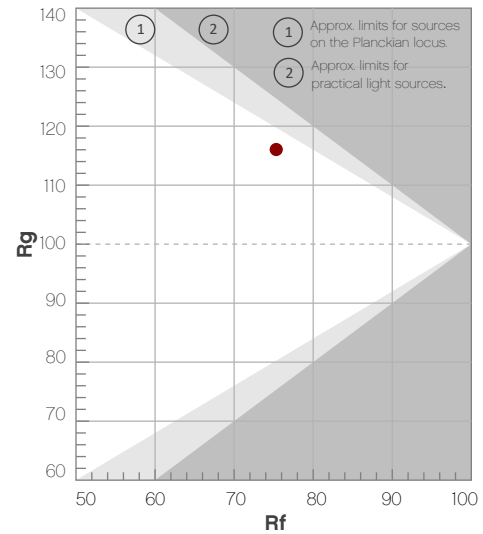
Color Vector Graphic



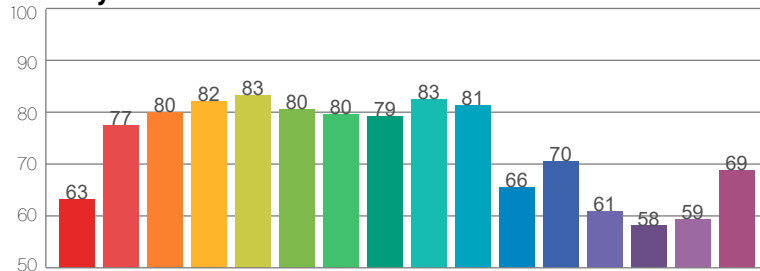
Color Distortion Graphic



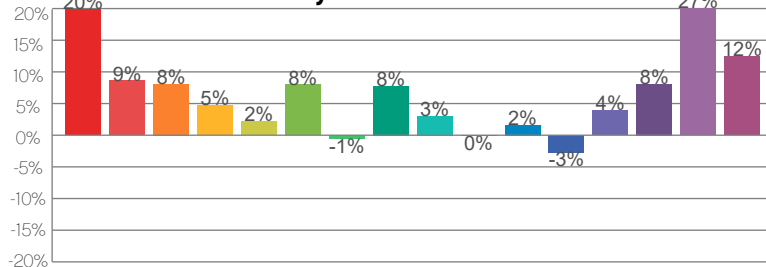
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	63	20%	4%
2	77	9%	1%
3	80	8%	-3%
4	82	5%	4%
5	83	2%	5%
6	80	8%	10%
7	80	-1%	6%
8	79	8%	9%
9	83	3%	9%
10	81	0%	16%
11	66	2%	17%
12	70	-3%	25%
13	61	4%	30%
14	58	8%	28%
15	59	27%	28%
16	69	12%	10%



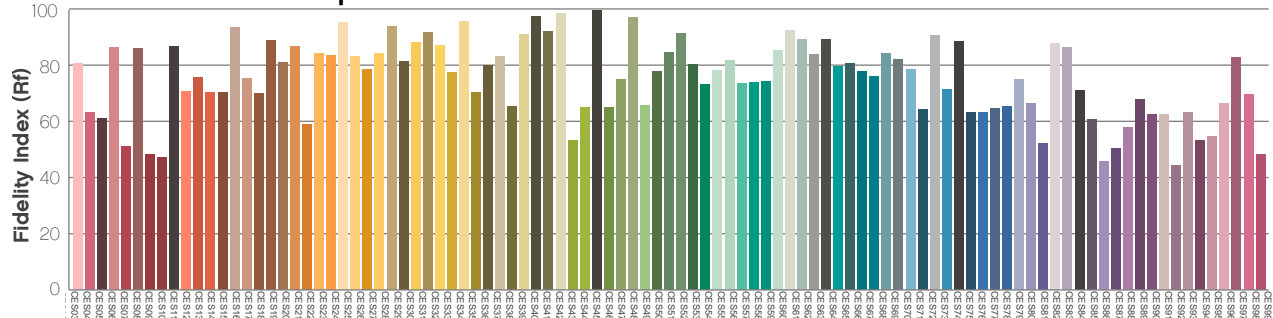
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power

Report Summary

Measurements

Fixture Output: 17930 lm
Fixture Peak: 52412 cd
Fixture Efficacy: 30 lm/W
Intensity @ 5m: 2093 lux
Color Temperature: 13431 K
CRI: 64.4 CRI R9 Value: -96.0
CQS: 83.9
TLCI: 83
TM-30 Rf: 74.3
TM-30 Rg: 117.2
Beam Angle (50%): 31.1°
Field Angle (10%): 49.7°
Cutoff Angle (3%): 80.2°

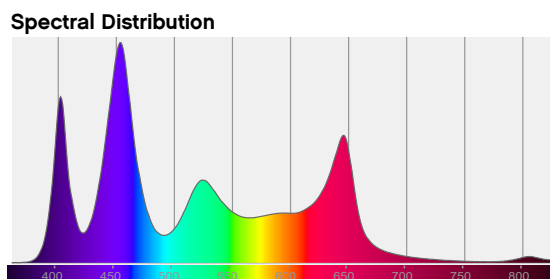
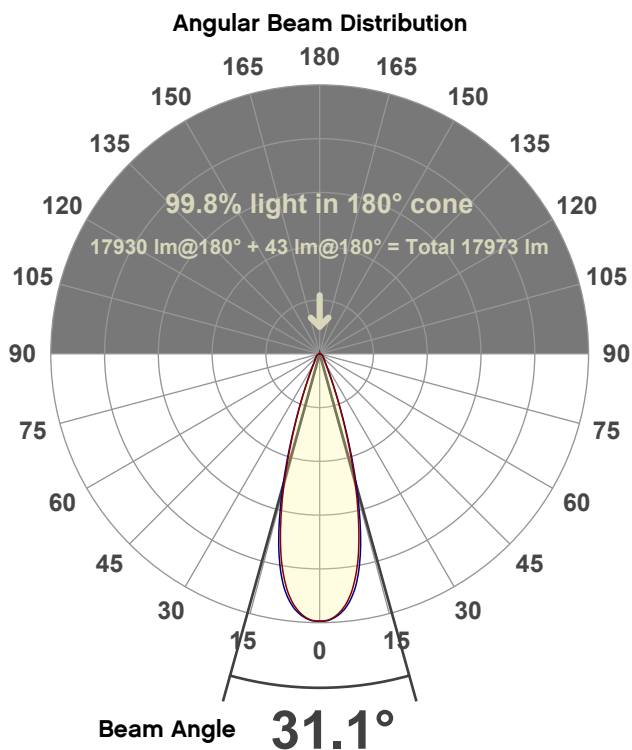


Conditions

AC Supply: 109 V, 60 Hz
Power: 606.06 W
Current: 5.56 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/18/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.287

Y: 0.246



Light Quality

CRI: 64.4

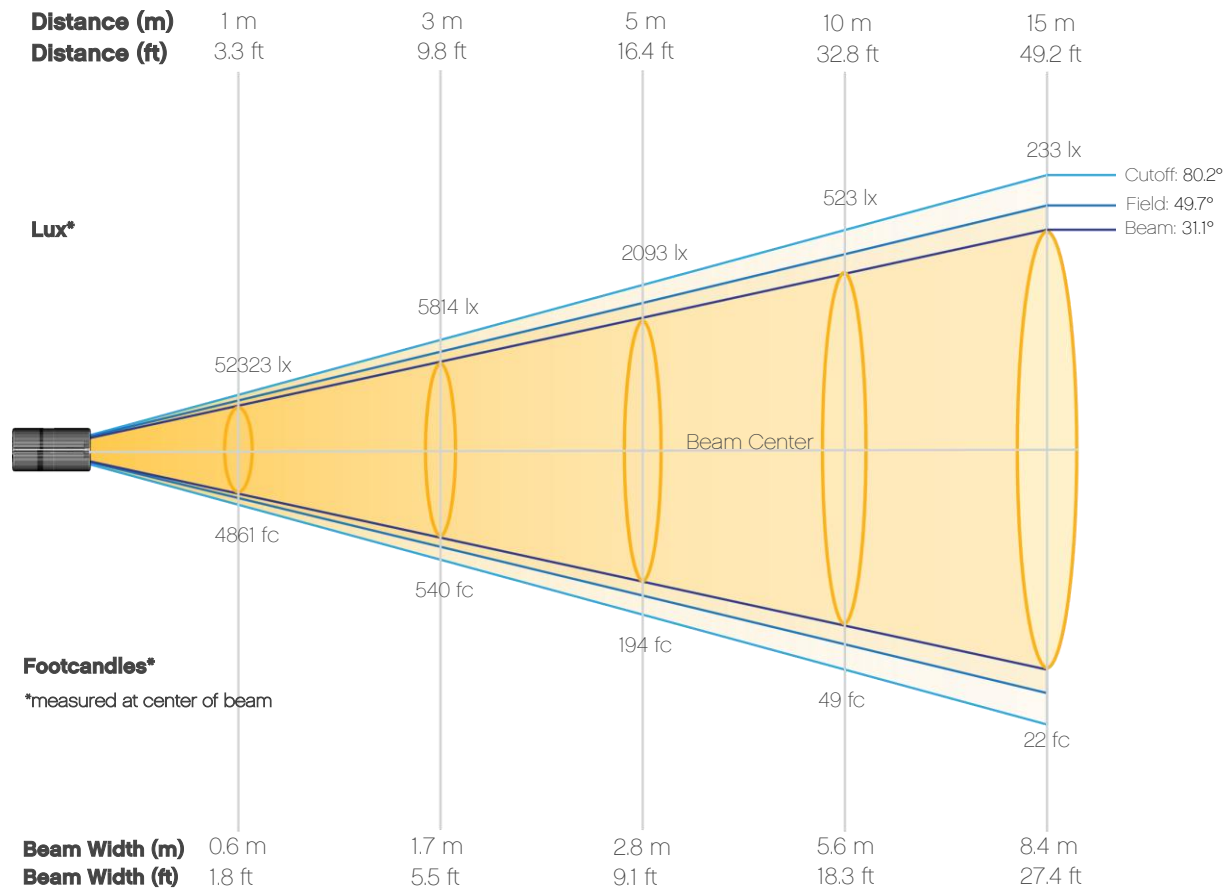
Color Temperature

13431 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power

Beam Details

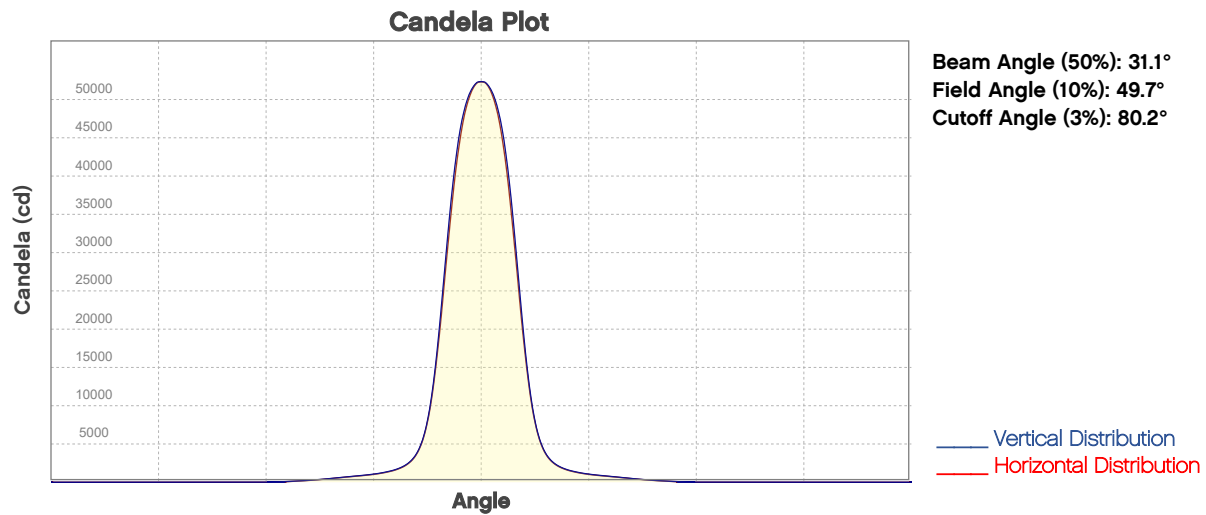


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	52323	13081	5814	3270	2093	1453	1068	818	646	523
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	432	363	310	267	233	204	181	161	145	131
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	4861	1215	540	304	194	135	99	76	60	49
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	40	34	29	25	22	19	17	15	13	12

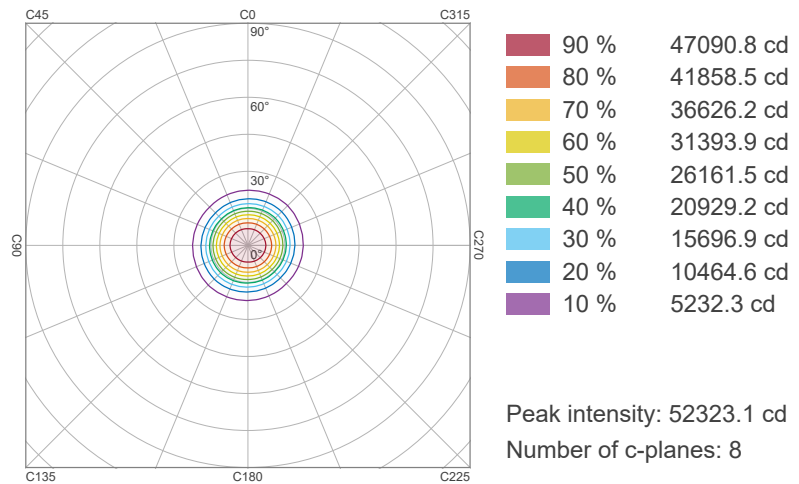
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power

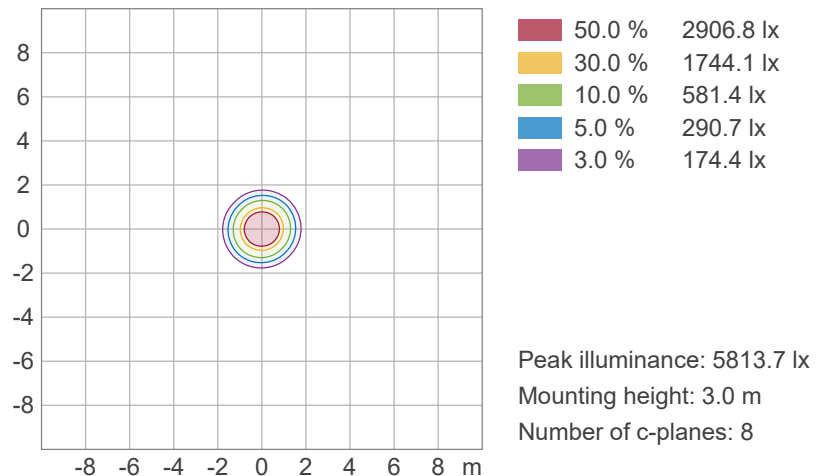


ISO Diagrams

ISO Candela Diagram



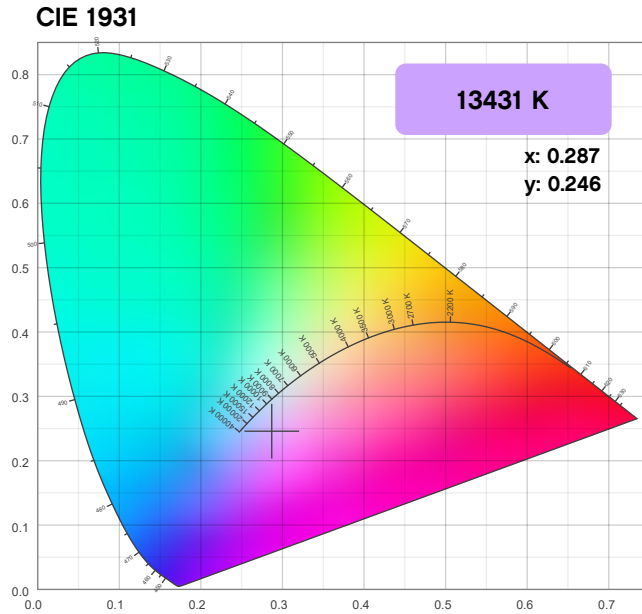
ISO Lux Diagram



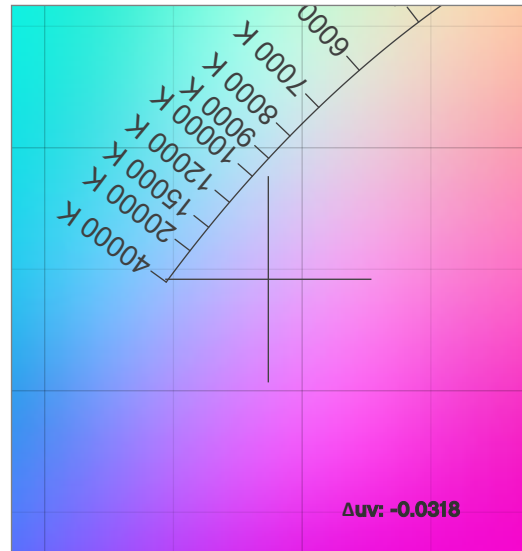
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Full Power

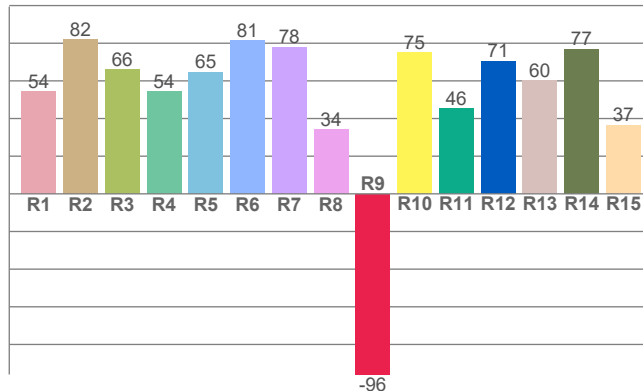
Chromaticity



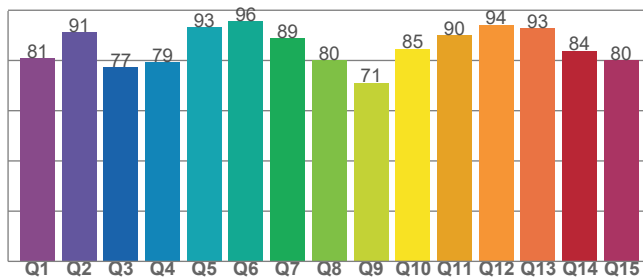
CIE 1931 - Zoom



CRI: 64.4 (R1-R8)



CQS: 83.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
13431 K	0.287	0.246

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0318	0.246	0.213

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
64.4	-96.0	83.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
83	74.3	117.2

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Full Power

TM-30 Details

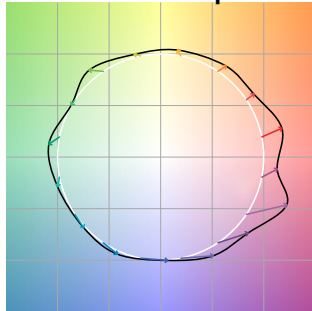
Rf 74.3

Fidelity Index
(Rg)

Rg 117.2

Gammut Index
(Rg)

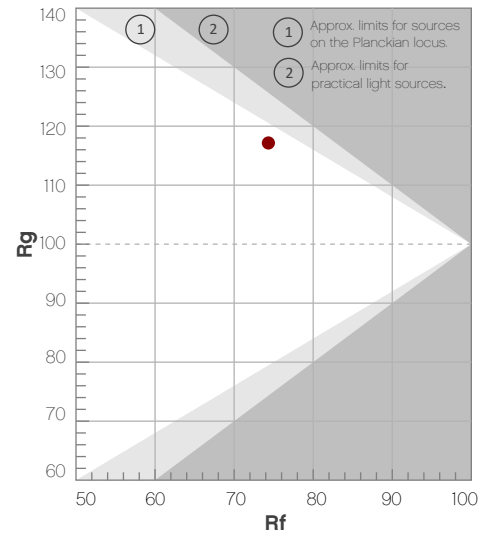
Color Vector Graphic



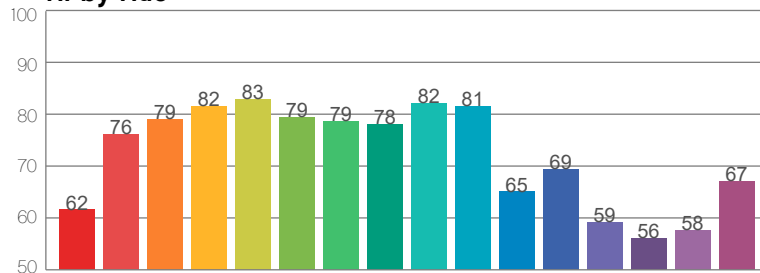
Color Distortion Graphic



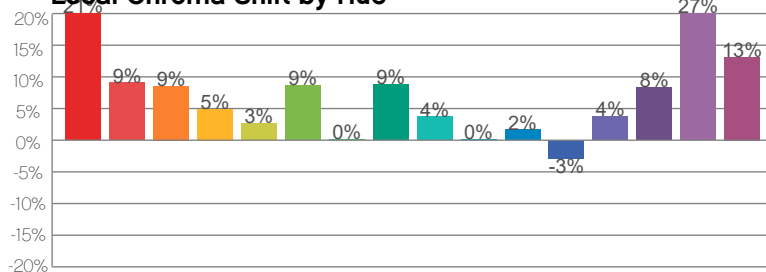
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	62	21%	5%
2	76	9%	1%
3	79	9%	-3%
4	82	5%	4%
5	83	3%	6%
6	79	9%	11%
7	79	0%	6%
8	78	9%	9%
9	82	4%	8%
10	81	0%	15%
11	65	2%	17%
12	69	-3%	26%
13	59	4%	31%
14	56	8%	29%
15	58	27%	29%
16	67	13%	11%



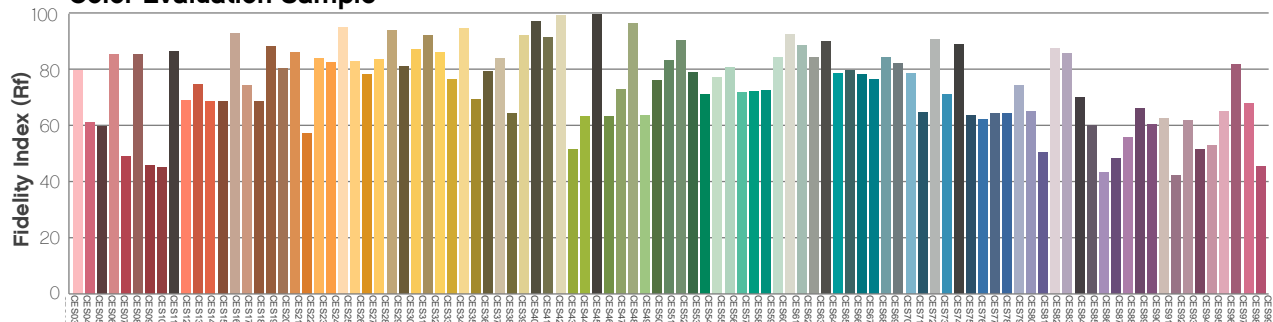
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Full Power-Single Pod

Report Summary

Measurements

Fixture Output: 4305 lm
Fixture Peak: 37079 cd
Fixture Efficacy: 30 lm/W
Intensity @ 5m: 1482 lux
Color Temperature: 13837 K
CRI: 70.7 CRI R9 Value: -63.4
CQS: 85.4
TLCI: 88
TM-30 Rf: 77.2
TM-30 Rg: 114.2
Beam Angle (50%): 15.6°
Field Angle (10%): 29.8°
Cutoff Angle (3%): 46.2°

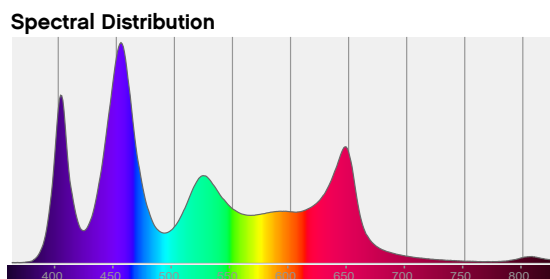
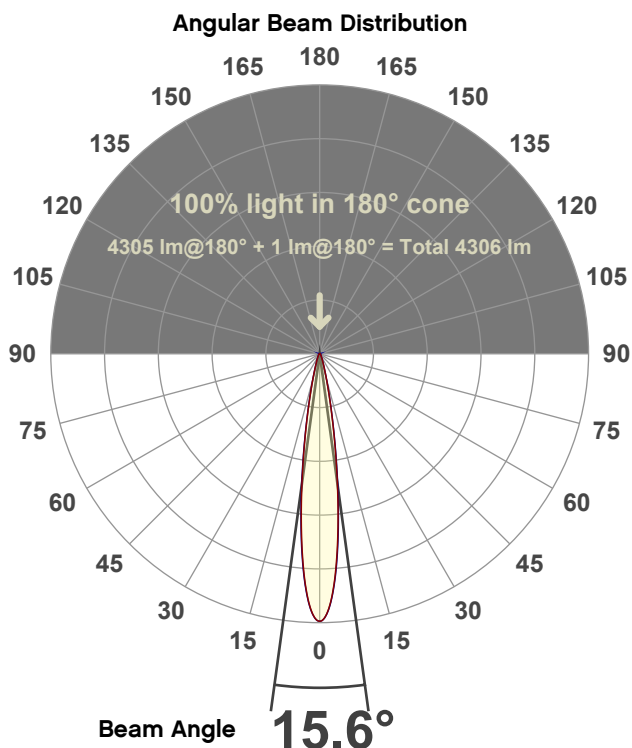


Conditions

AC Supply: 117 V, 60 Hz
Power: 142.83 W
Current: 1.23 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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.283

Y: 0.249



Light Quality

CRI: 70.7

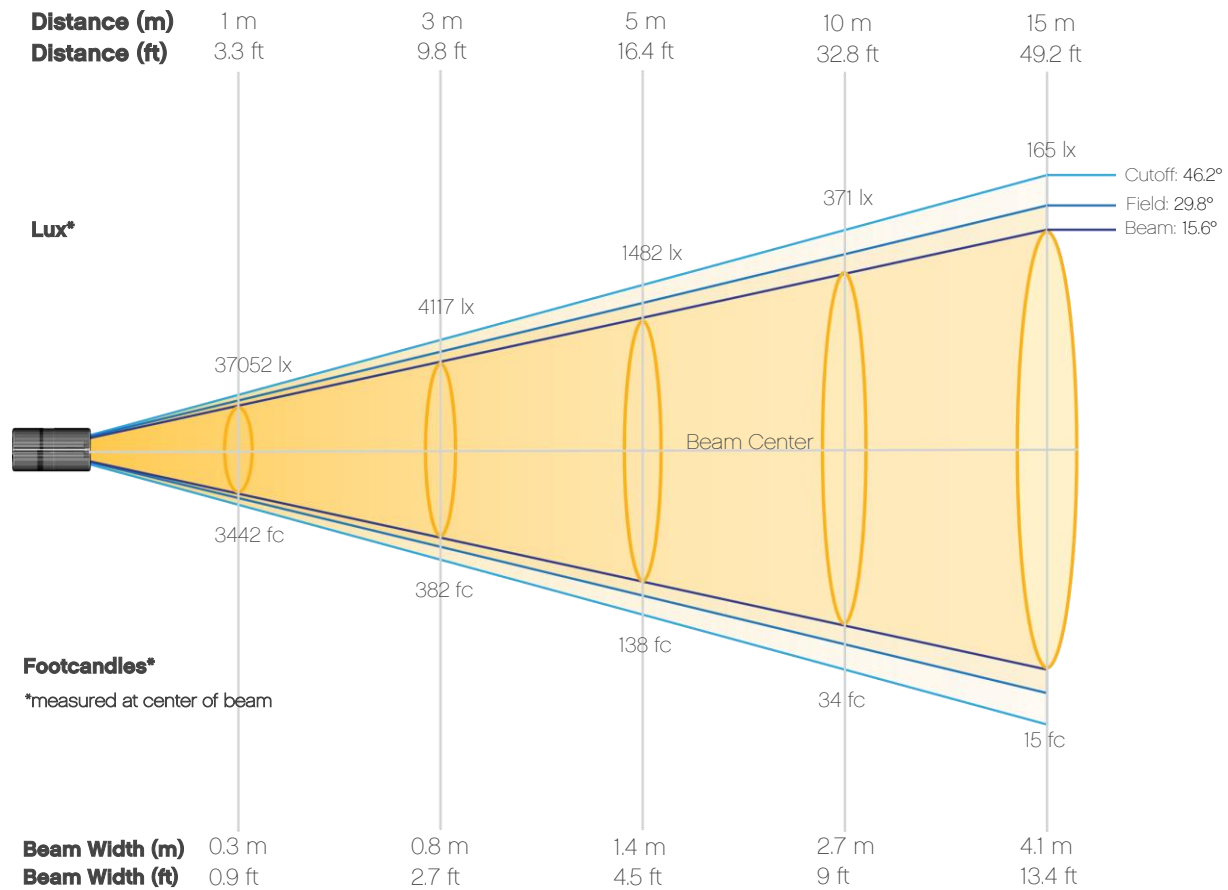
Color Temperature

13837 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power-Single Pod

Beam Details

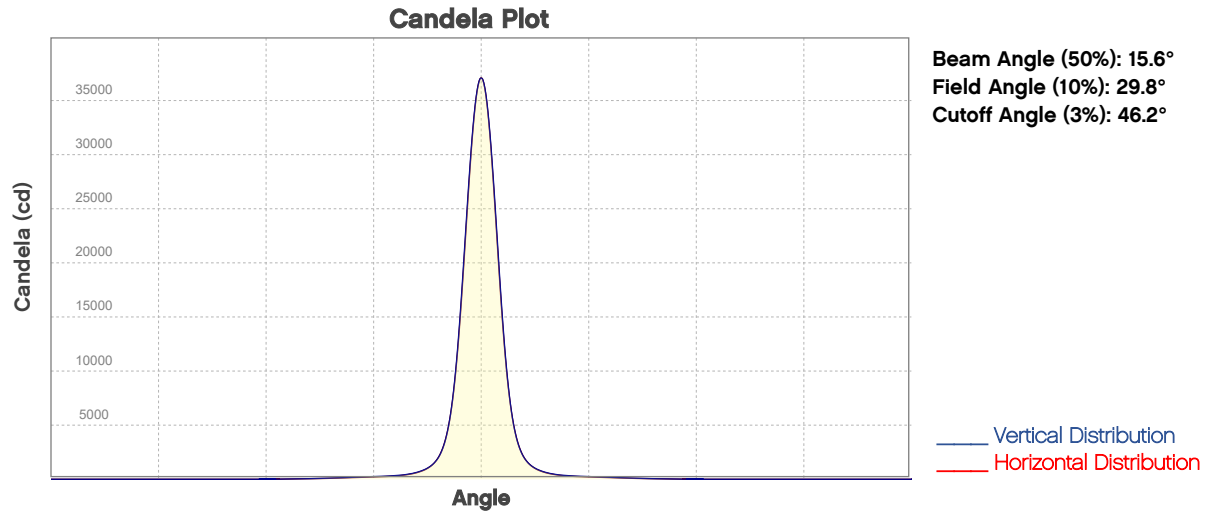


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	37052	9263	4117	2316	1482	1029	756	579	457	371
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	306	257	219	189	165	145	128	114	103	93
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3442	861	382	215	138	96	70	54	42	34
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	28	24	20	18	15	13	12	11	10	9

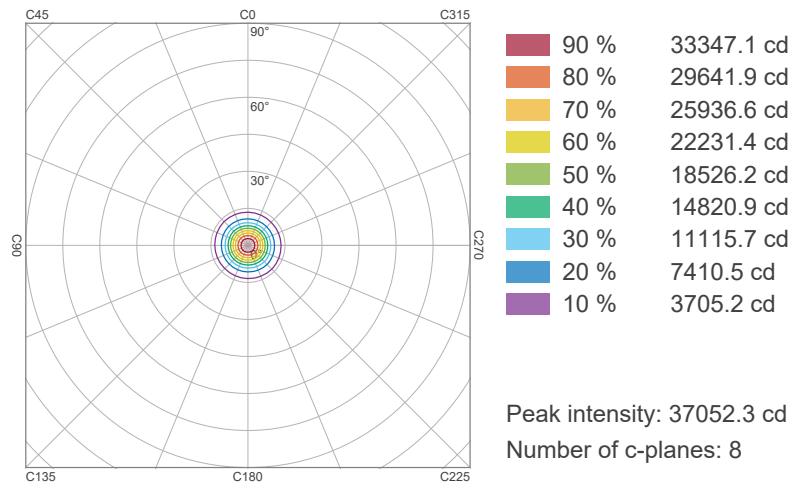
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power-Single Pod

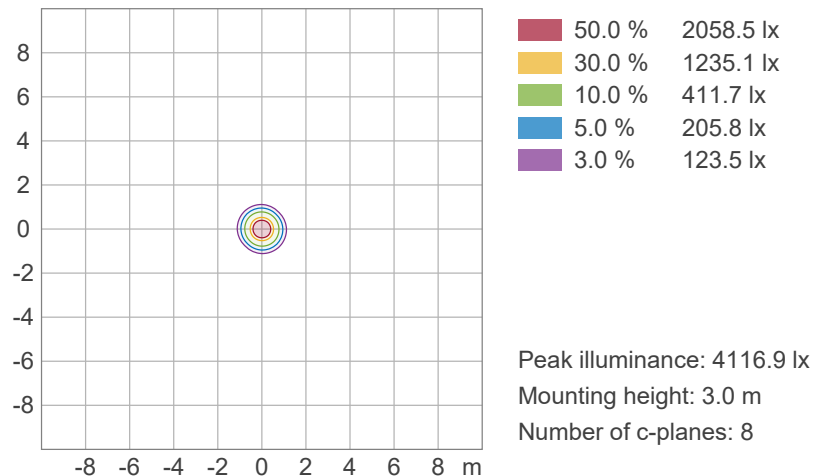


ISO Diagrams

ISO Candela Diagram



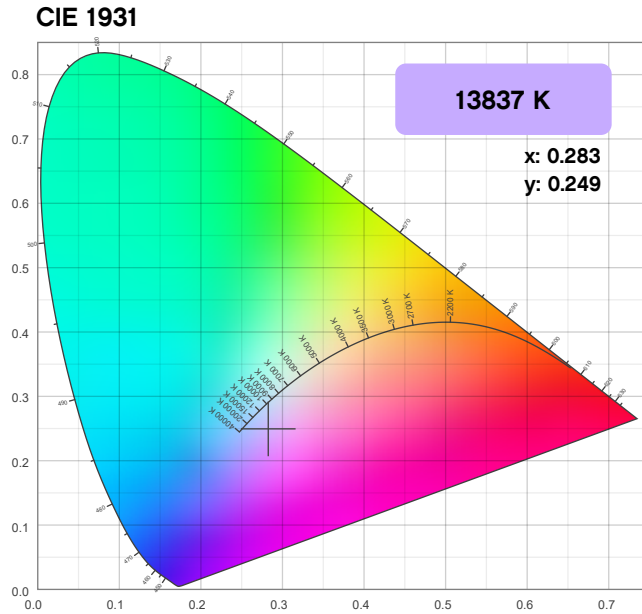
ISO Lux Diagram



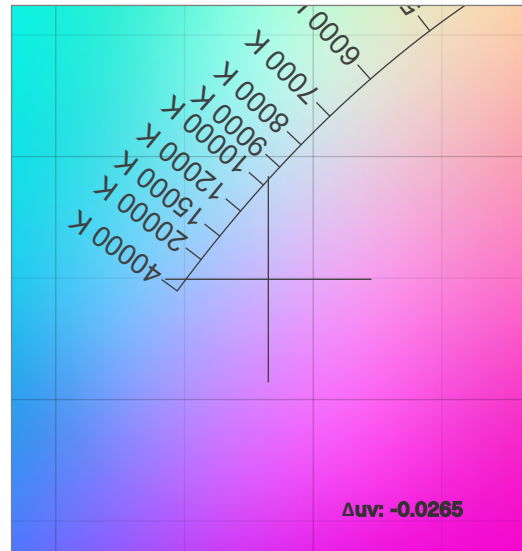
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power-Single Pod

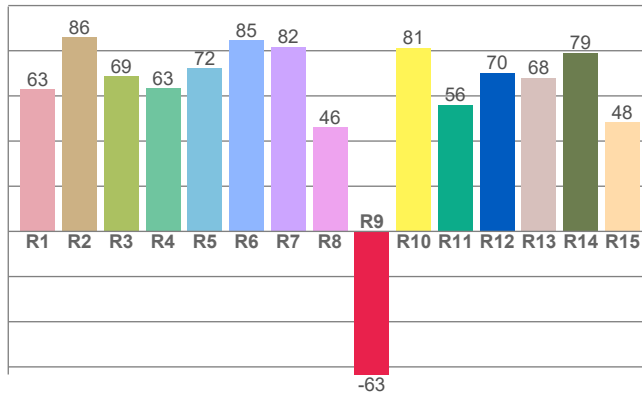
Chromaticity



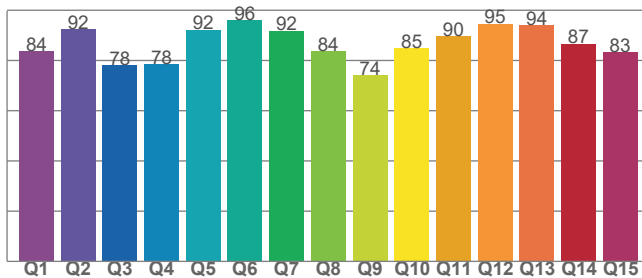
CIE 1931 - Zoom



CRI: 70.7 (R1-R8)



CQS: 85.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
13837 K	0.283	0.249

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0265	0.249	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
70.7	-63.4	85.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
88	77.2	114.2

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Full Power-Single Pod

TM-30 Details

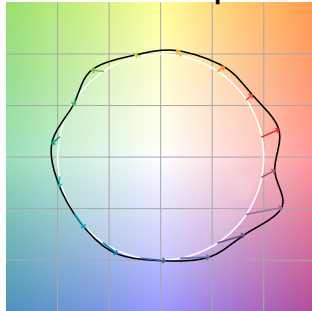
Rf 77.2

Fidelity Index
(R_f)

Rg 114.2

Gammut Index
(R_g)

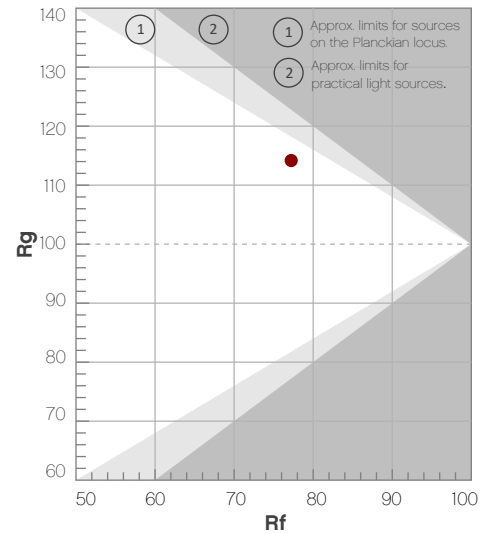
Color Vector Graphic



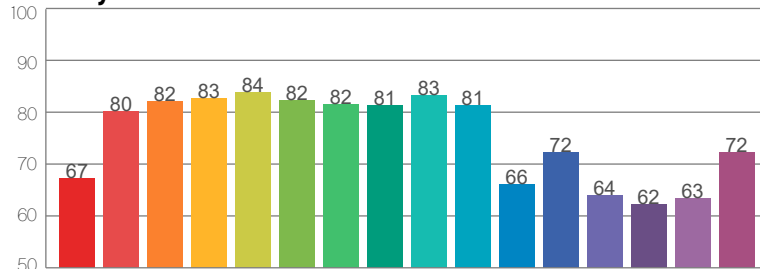
Color Distortion Graphic



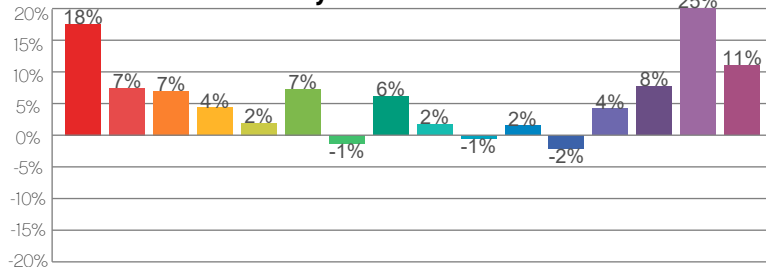
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	67	18%	4%
2	80	7%	1%
3	82	7%	-3%
4	83	4%	4%
5	84	2%	5%
6	82	7%	9%
7	82	-1%	5%
8	81	6%	8%
9	83	2%	9%
10	81	-1%	16%
11	66	2%	17%
12	72	-2%	24%
13	64	4%	27%
14	62	8%	25%
15	63	25%	24%
16	72	11%	9%



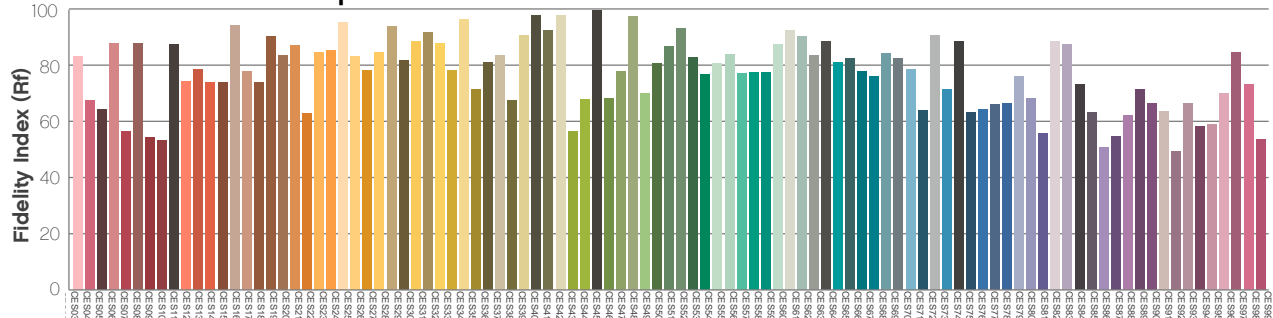
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Red Only-Single Pod

Report Summary

Measurements

Fixture Output: 637 lm
Fixture Peak: 5152 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 206 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%): 16.4°
Field Angle (10%): 30.7°
Cutoff Angle (3%): 47.3°

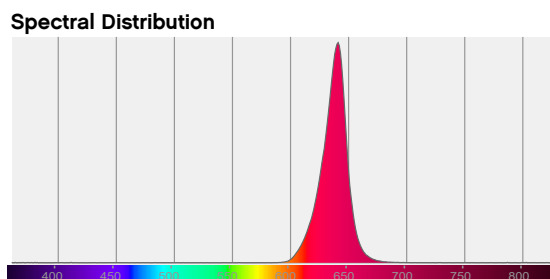
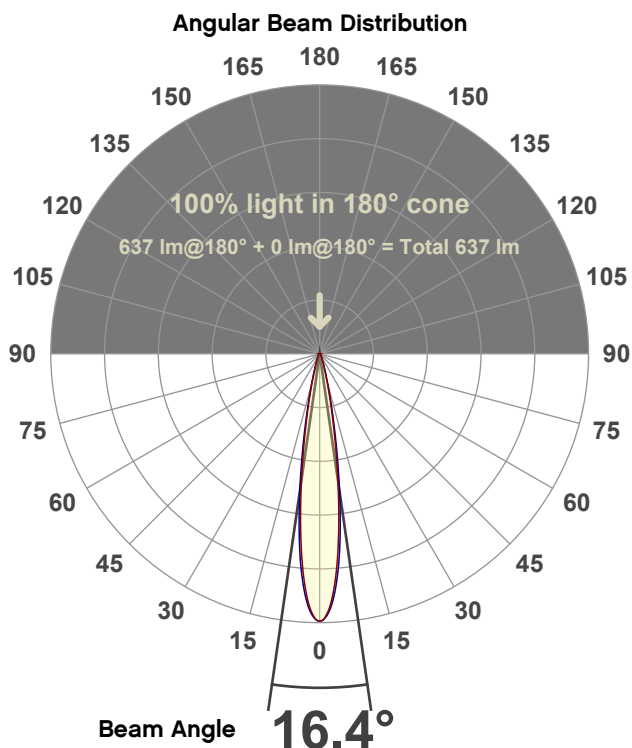


Conditions

AC Supply: 119 V, 60 Hz
Power: 28.49 W
Current: 0.239 A
Power Factor: 0.84

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.705

Y: 0.293



Light Quality

CRI: 0.0

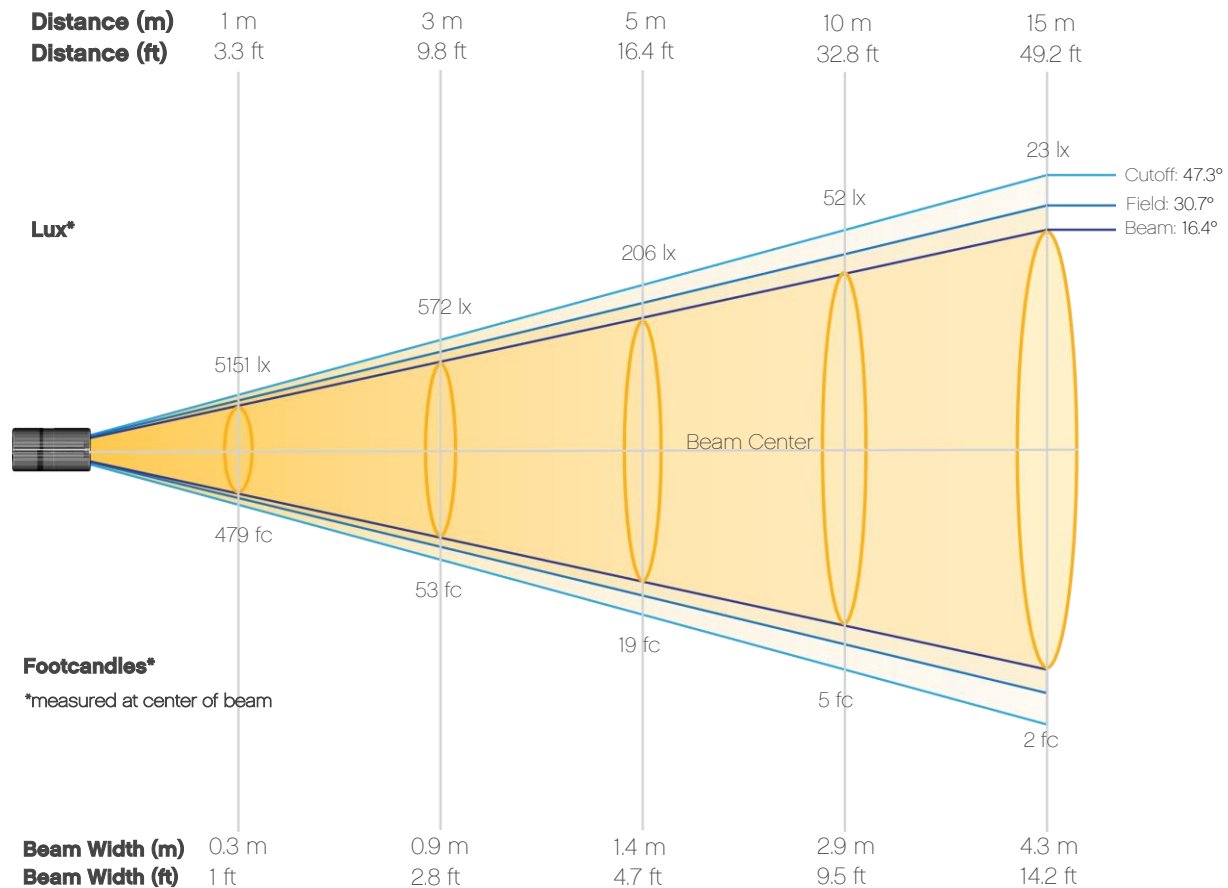
Color Temperature

0 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Red Only-Single Pod

Beam Details

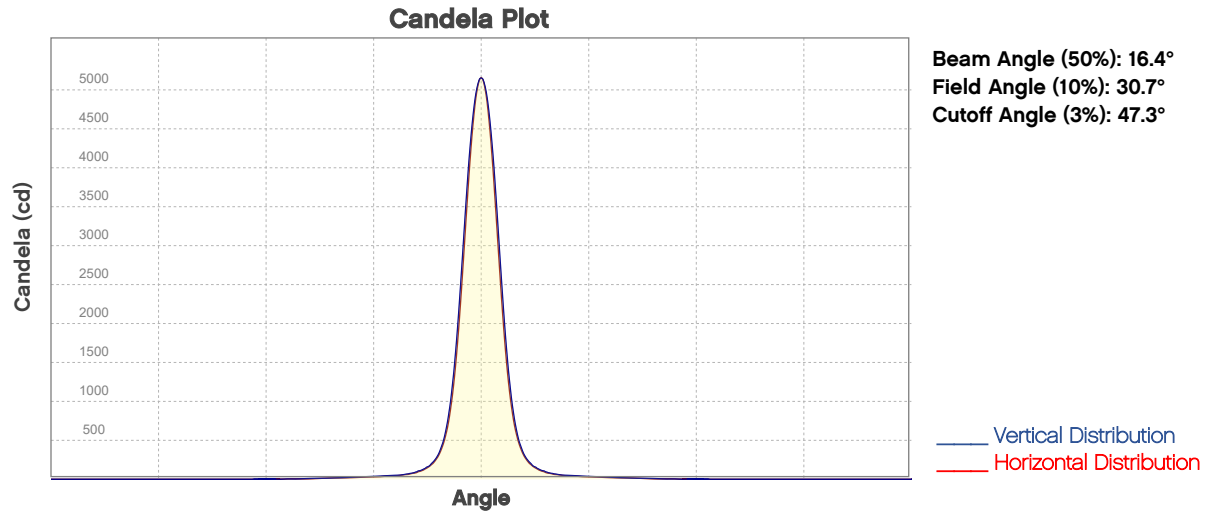


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5151	1288	572	322	206	143	105	80	64	52
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	43	36	30	26	23	20	18	16	14	13
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	479	120	53	30	19	13	10	7	6	5
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	4	3	3	2	2	2	2	1	1	1

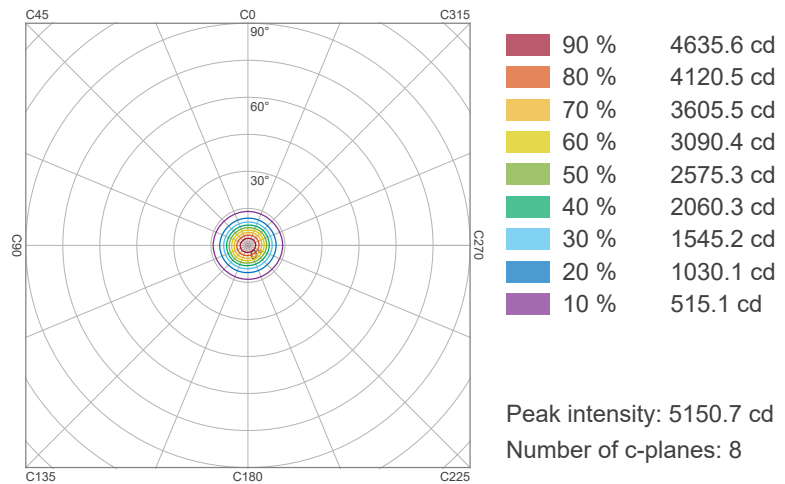
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Red Only-Single Pod

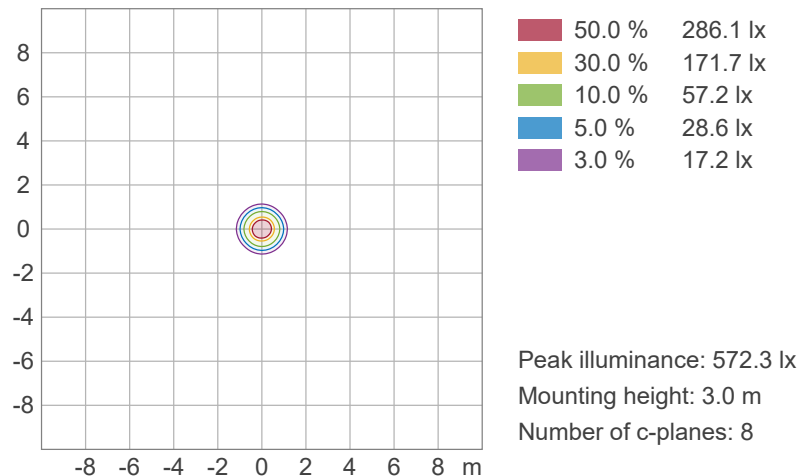


ISO Diagrams

ISO Candela Diagram



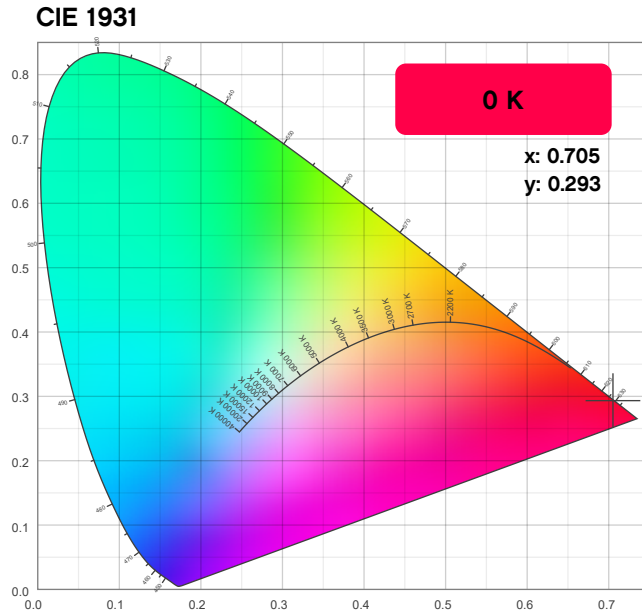
ISO Lux Diagram



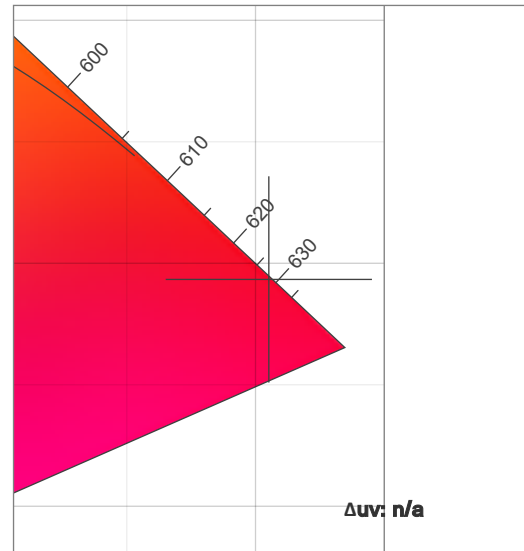
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Red Only-Single Pod

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	0.705	0.293

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.293	0.552

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

COLORdash Par Bar 4: Standard Optics - Red Only-Single Pod

TM-30 Details

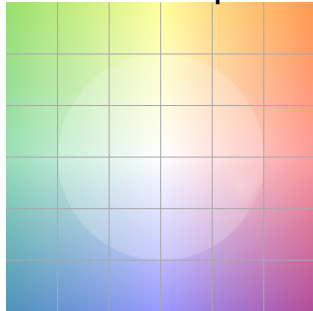
Rf 0.0

Fidelity Index
(Rg)

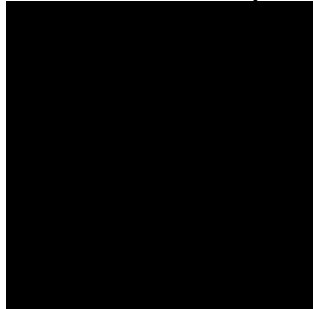
Rg 0.0

Gammut Index
(Rg)

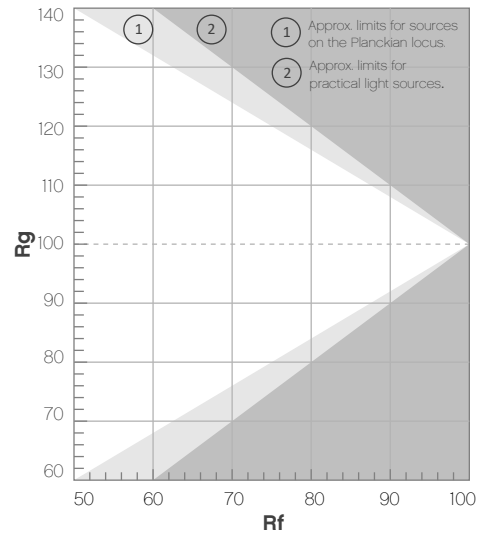
Color Vector Graphic



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

COLORDash Par Bar 4: Standard Optics - Green Only-Single Pod

Report Summary

Measurements

Fixture Output: 1445 lm
Fixture Peak: 12806 cd
Fixture Efficacy: 54 lm/W
Intensity @ 5m: 512 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%): 15.6°
Field Angle (10%): 29.6°
Cutoff Angle (3%): 45.8°

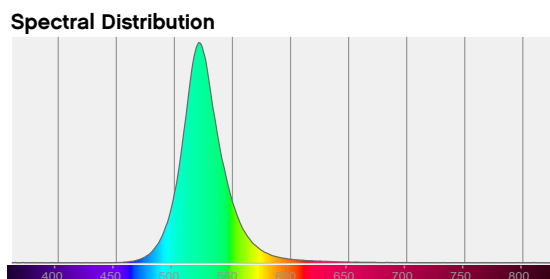
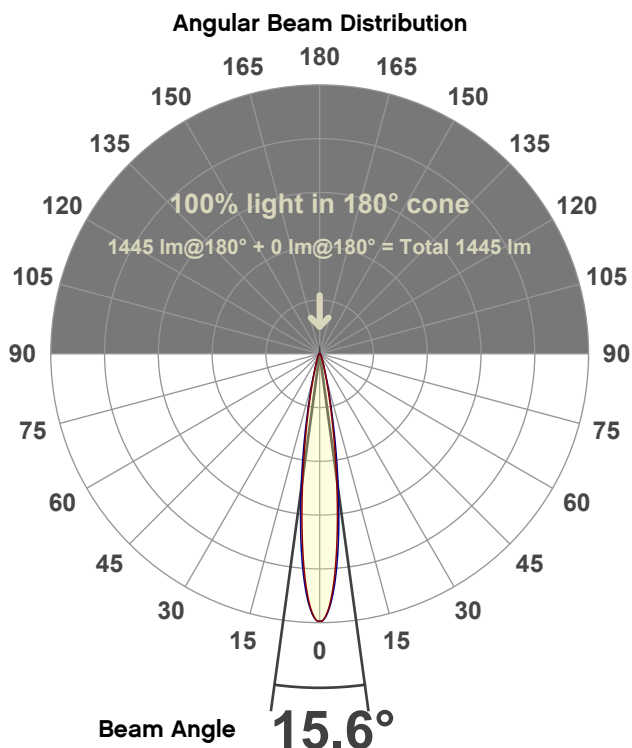


Conditions

AC Supply: 119 V, 60 Hz
Power: 35.16 W
Current: 0.295 A
Power Factor: 0.76

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.180

Y: 0.713



Light Quality

CRI: 0.0

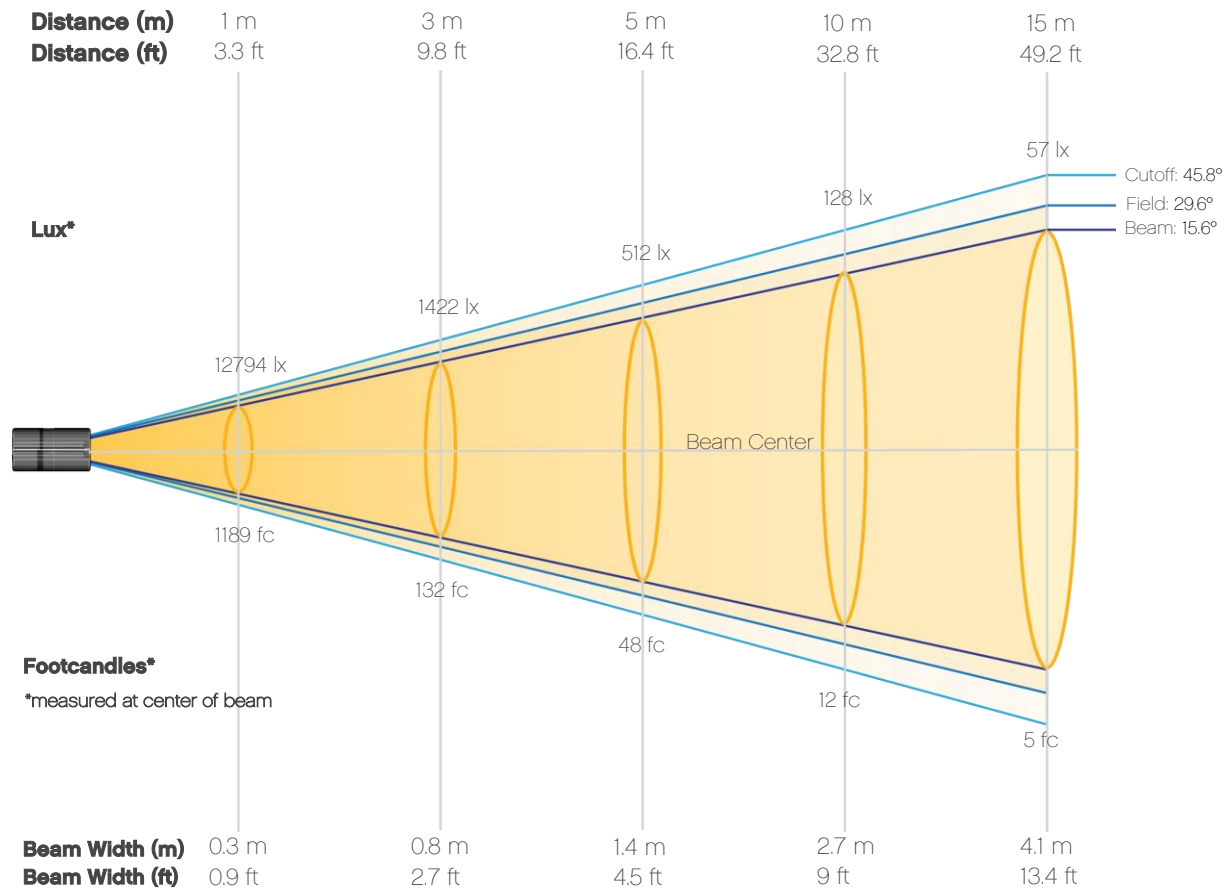
Color Temperature

0 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Green Only-Single Pod

Beam Details

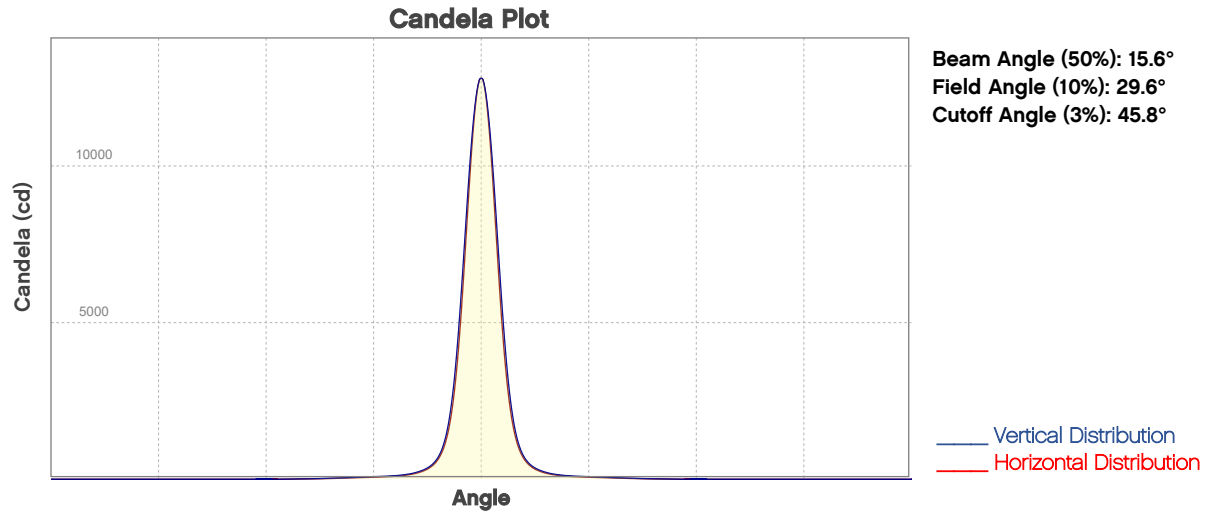


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12794	3198	1422	800	512	355	261	200	158	128
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	106	89	76	65	57	50	44	39	35	32
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1189	297	132	74	48	33	24	19	15	12
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	10	8	7	6	5	5	4	4	3	3

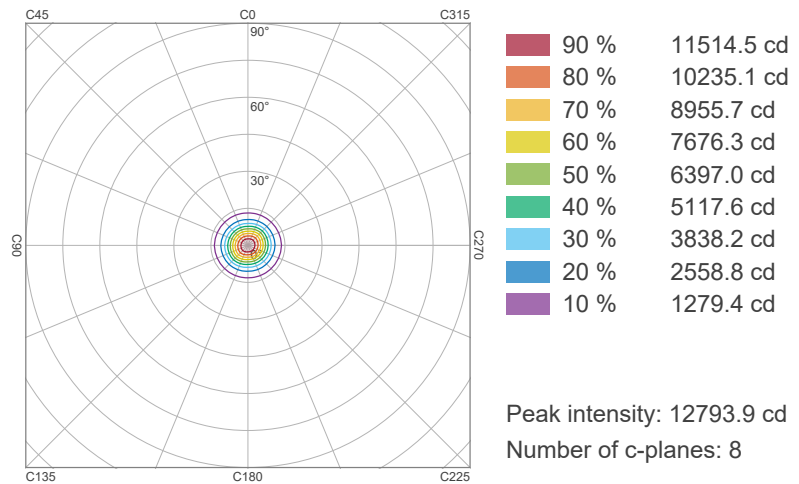
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Green Only-Single Pod

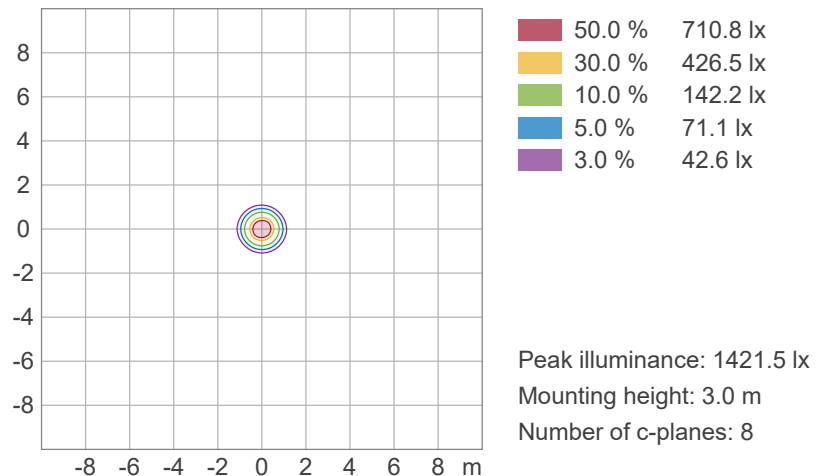


ISO Diagrams

ISO Candela Diagram



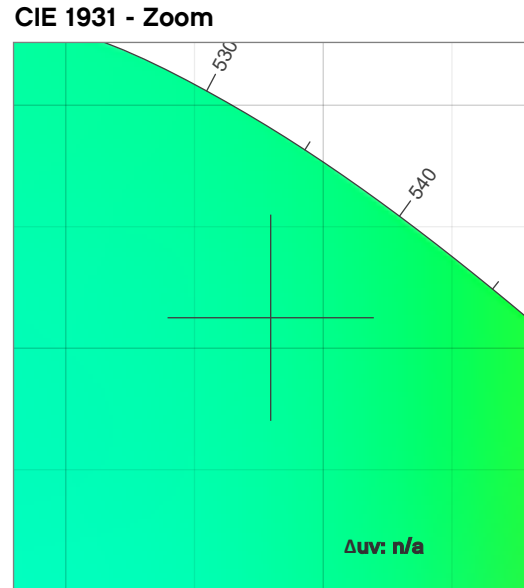
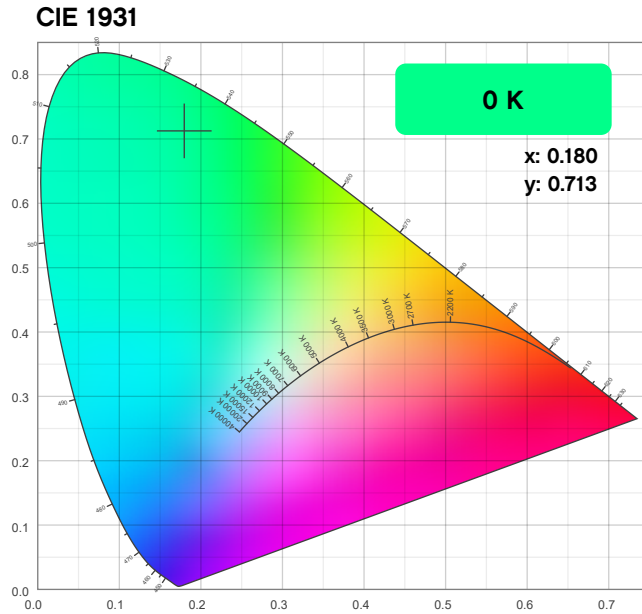
ISO Lux Diagram



Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Green Only-Single Pod

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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	0.180	0.713

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.713	0.064

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

COLORdash Par Bar 4: Standard Optics - Green Only-Single Pod

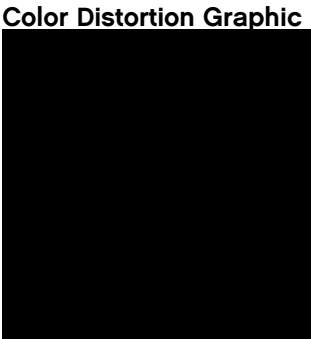
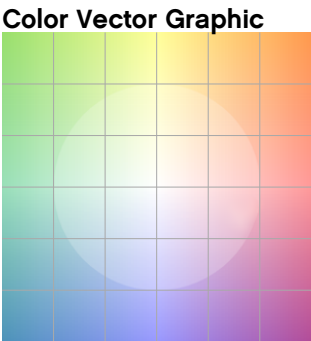
TM-30 Details

Rf 0.0

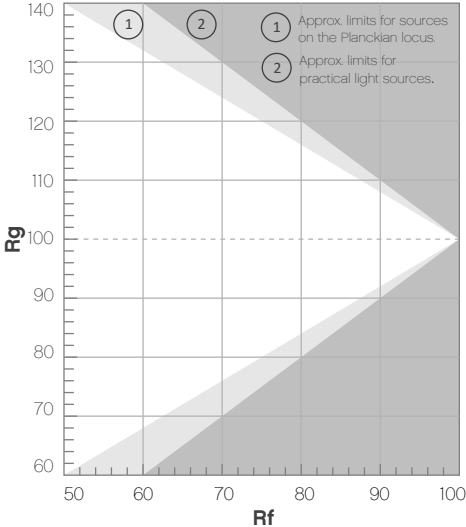
Fidelity Index
(Rg)

Rg 0.0

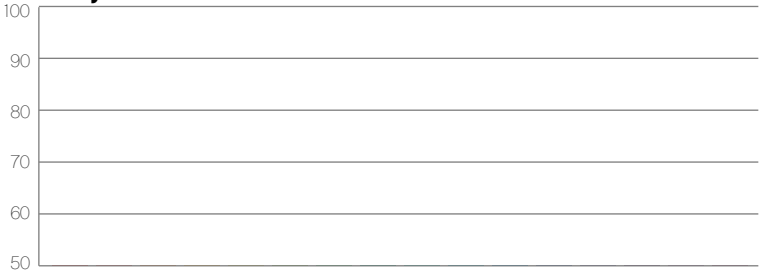
Gammut Index
(Rg)



		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%



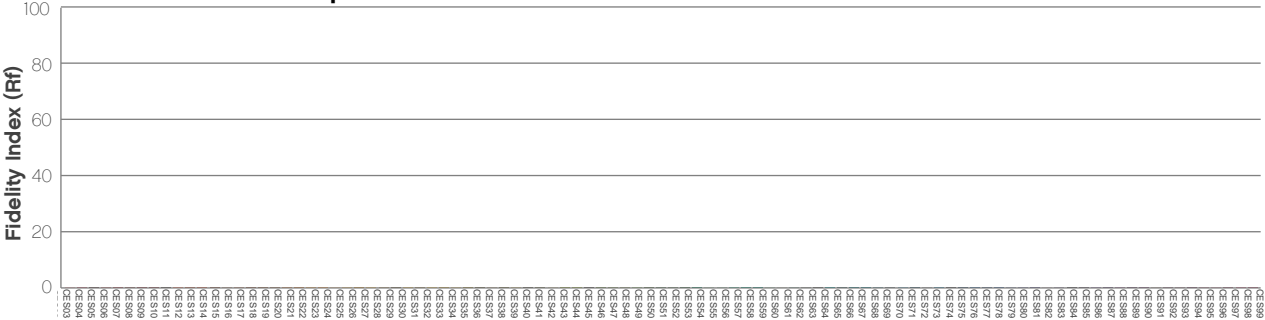
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Blue Only-Single Pod

Report Summary

Measurements

Fixture Output: 433 lm
Fixture Peak: 3820 cd
Fixture Efficacy: 15 lm/W
Intensity @ 5m: 153 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%): 15°
Field Angle (10%): 29.4°
Cutoff Angle (3%): 46.5°

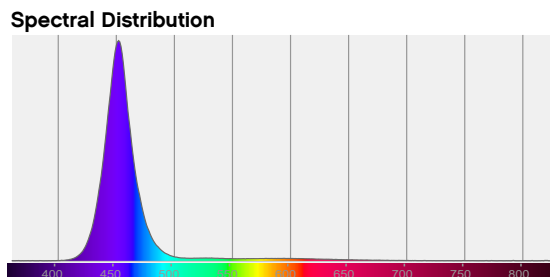
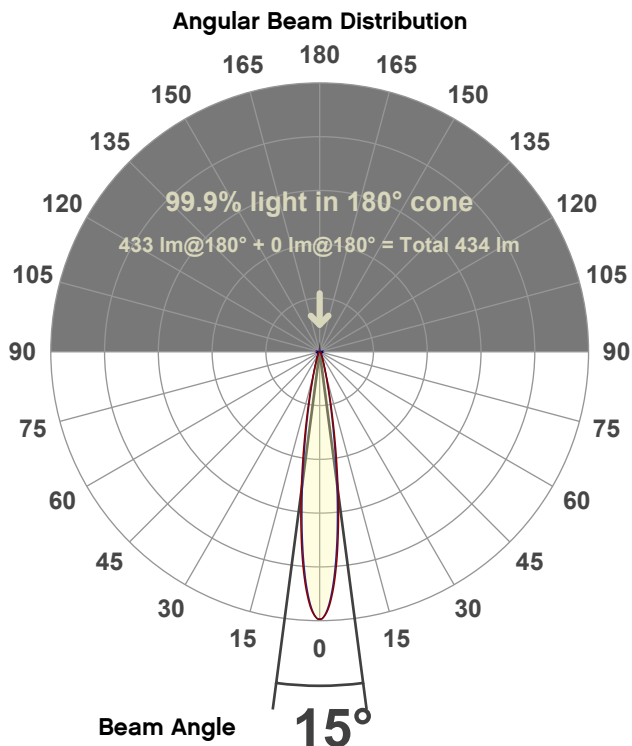


Conditions

AC Supply: 119 V, 60 Hz
Power: 35.18 W
Current: 0.296 A
Power Factor: 0.84

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.160

Y: 0.044



Light Quality

CRI: 0.0

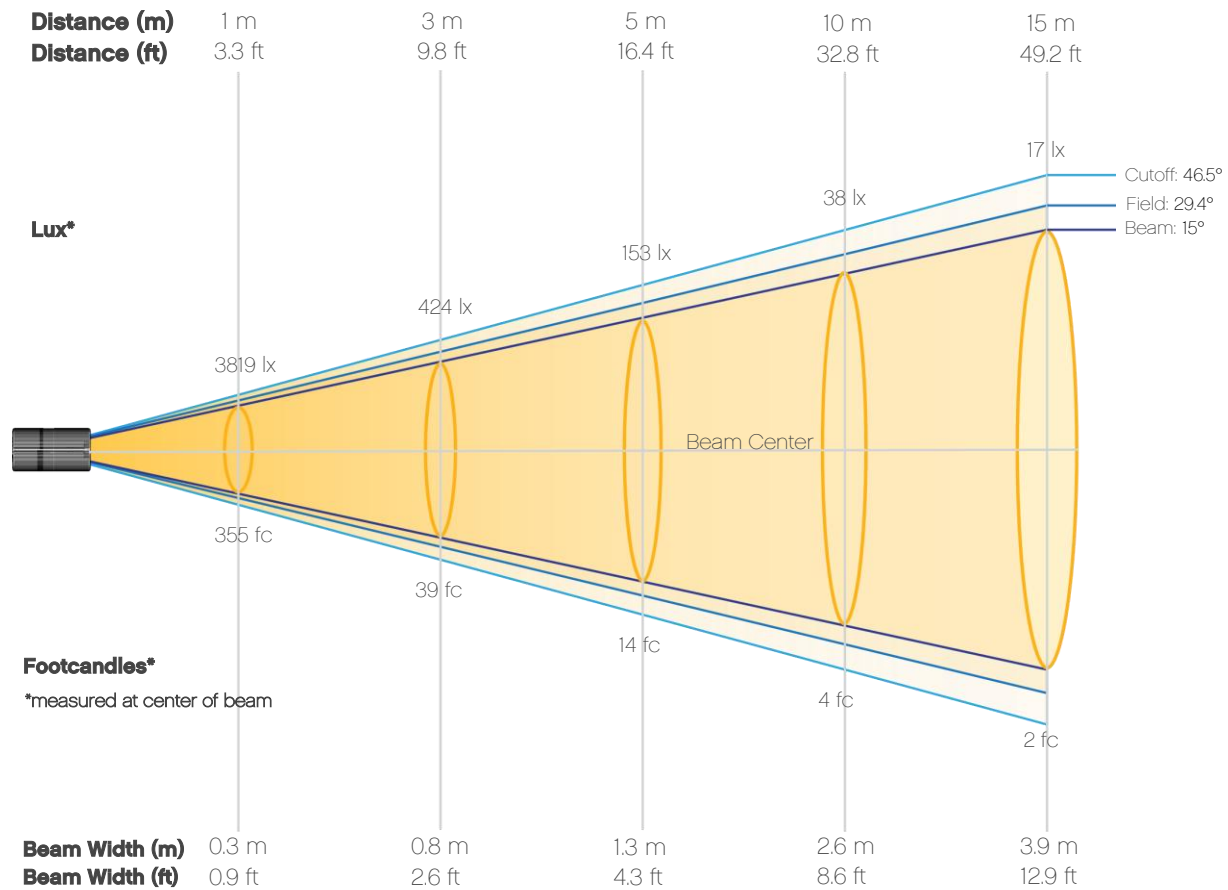
Color Temperature

0 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Blue Only-Single Pod

Beam Details

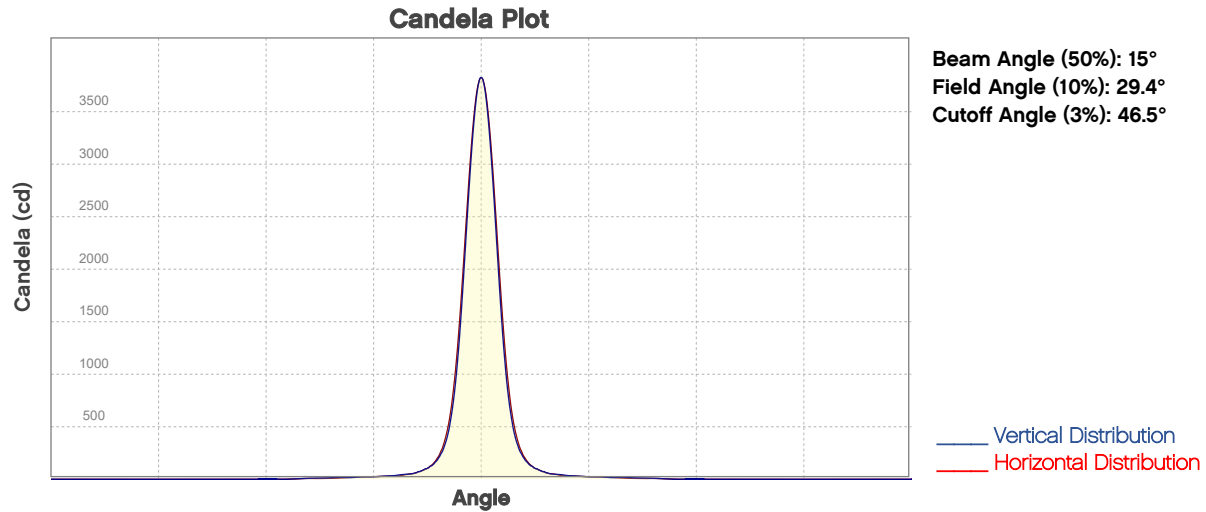


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3819	955	424	239	153	106	78	60	47	38
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	32	27	23	19	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	355	89	39	22	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	2	2	2	2	1	1	1	1	1

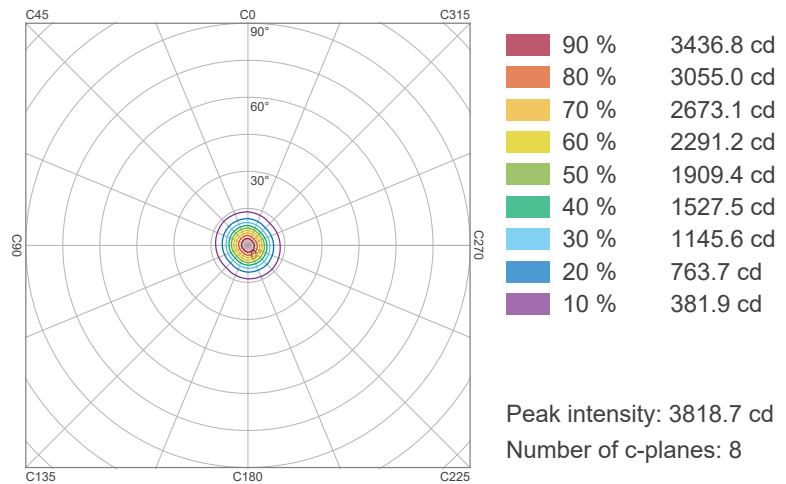
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Blue Only-Single Pod

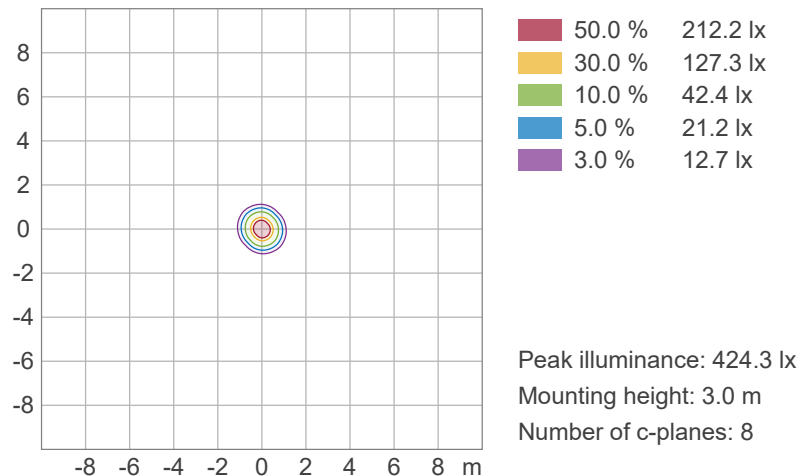


ISO Diagrams

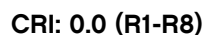
ISO Candela Diagram



ISO Lux Diagram



COLORdash Par Bar 4: Standard Optics - Blue Only-Single Pod



Color Parameters

CQS: 0.0

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

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Blue Only-Single Pod

TM-30 Details

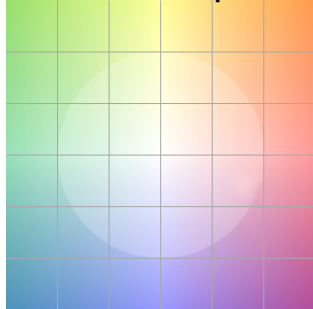
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

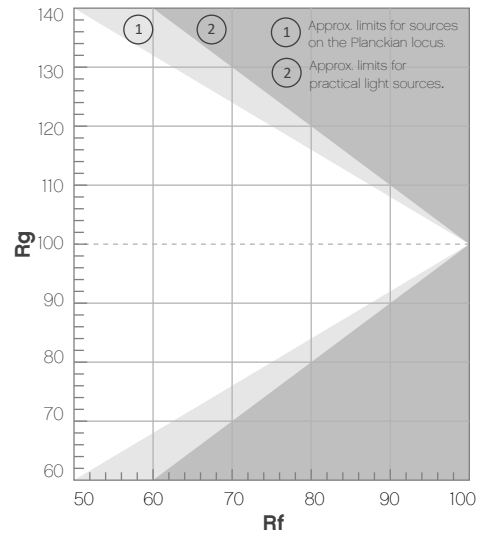
Color Vector Graphic



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

COLORDash Par Bar 4: Standard Optics - Amber Only-Single Pod

Report Summary

Measurements

Fixture Output: 1213 lm
Fixture Peak: 10844 cd
Fixture Efficacy: 43 lm/W
Intensity @ 5m: 433 lux
Color Temperature: 1822 K
CRI: 53.3 CRI R9 Value: -72.4
CQS: 49.8
TLCI: 23
TM-30 Rf: 59.7
TM-30 Rg: 86.1
Beam Angle (50%): 15.2°
Field Angle (10%): 29.3°
Cutoff Angle (3%): 45.5°

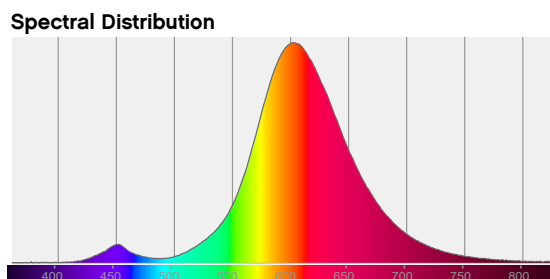
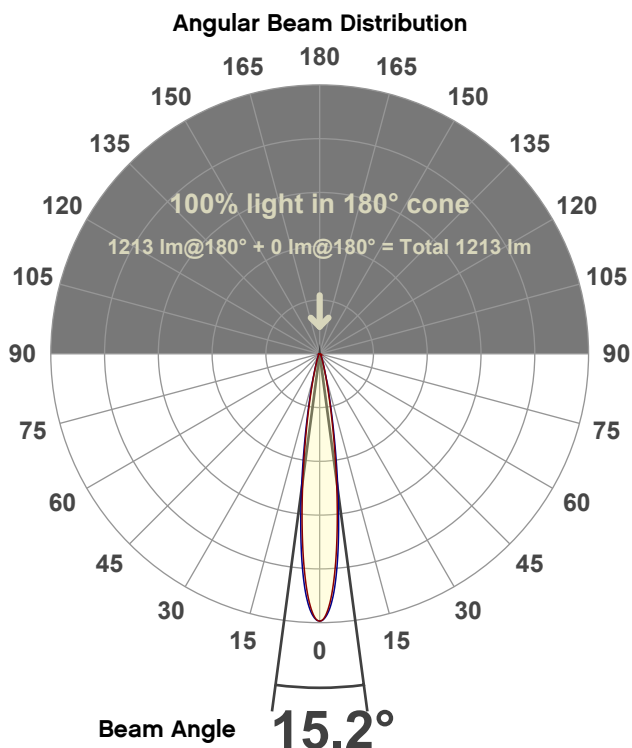


Conditions

AC Supply: 118 V, 60 Hz
Power: 34.3 W
Current: 0.290 A
Power Factor: 0.83

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.548

Y: 0.411



Light Quality

CRI: 53.3

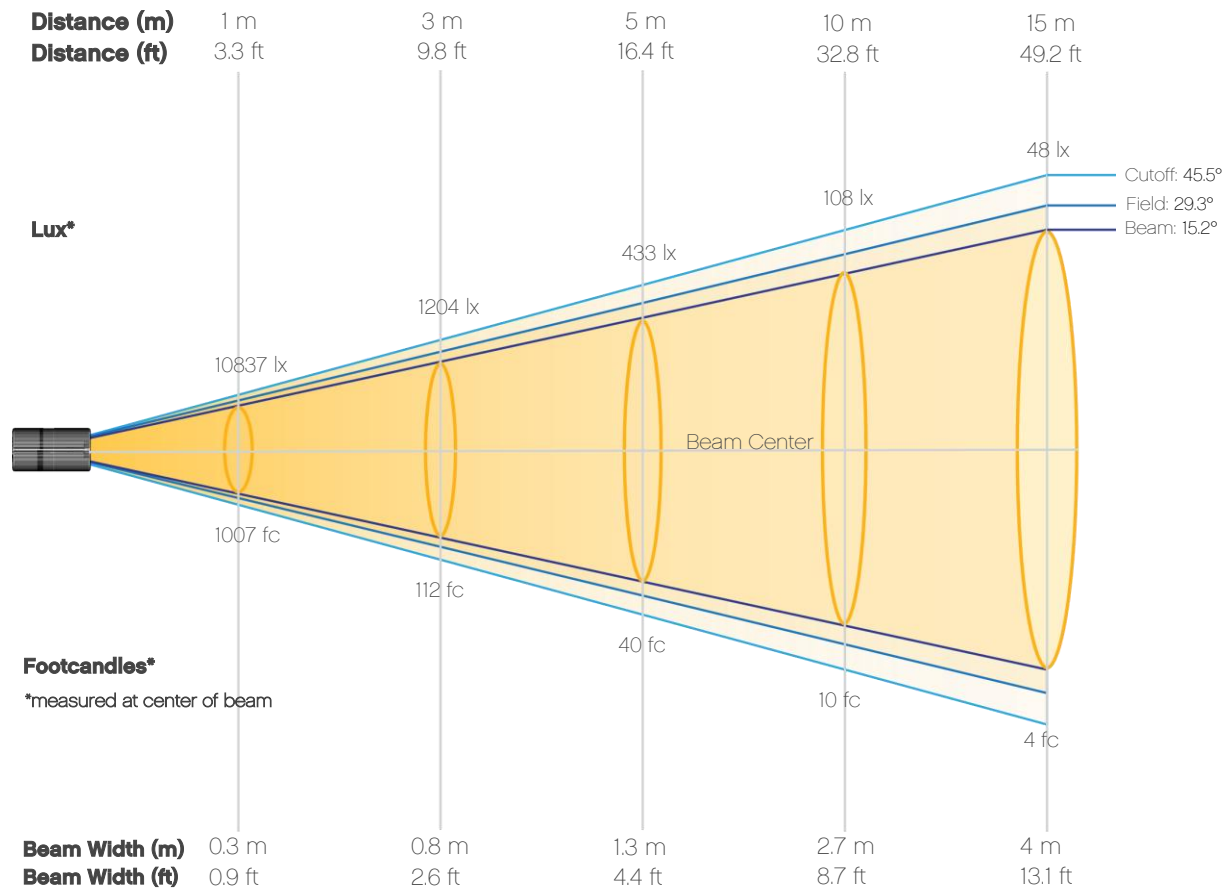
Color Temperature

1822 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Amber Only-Single Pod

Beam Details

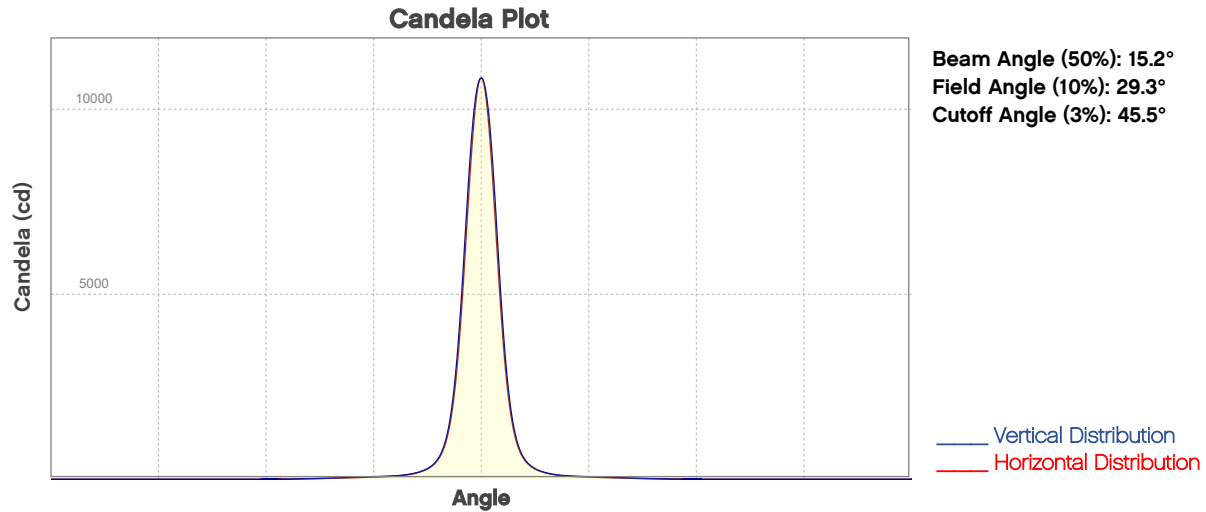


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10837	2709	1204	677	433	301	221	169	134	108
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	90	75	64	55	48	42	37	33	30	27
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1007	252	112	63	40	28	21	16	12	10
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	8	7	6	5	4	4	3	3	3	3

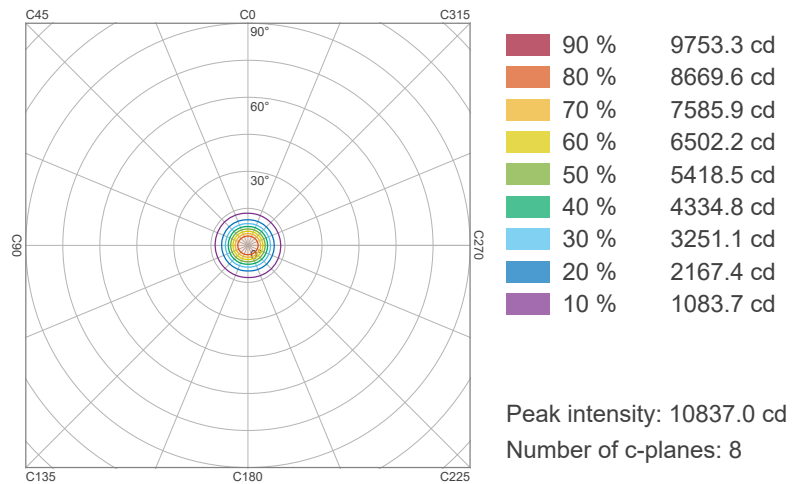
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - Amber Only-Single Pod

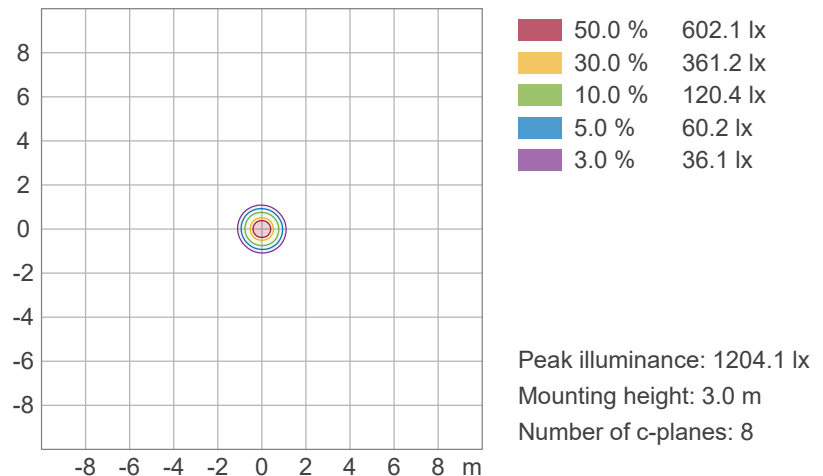


ISO Diagrams

ISO Candela Diagram



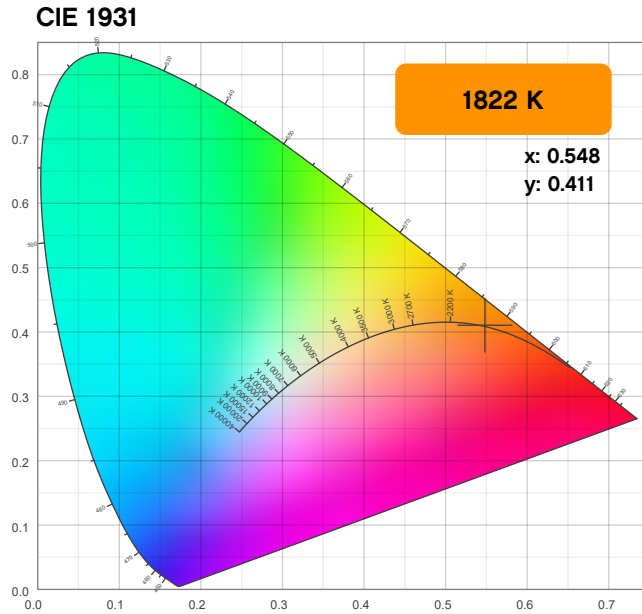
ISO Lux Diagram



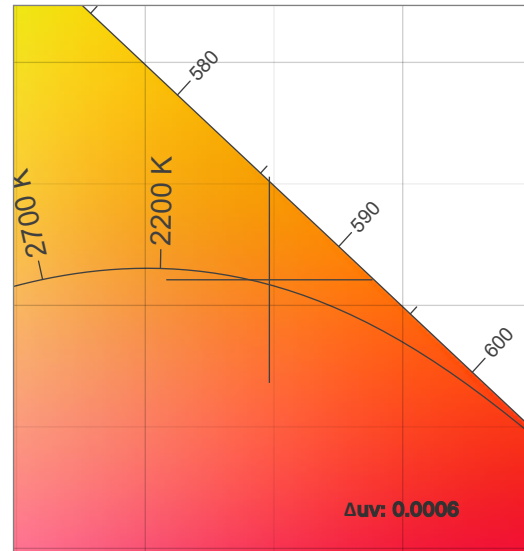
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Amber Only-Single Pod

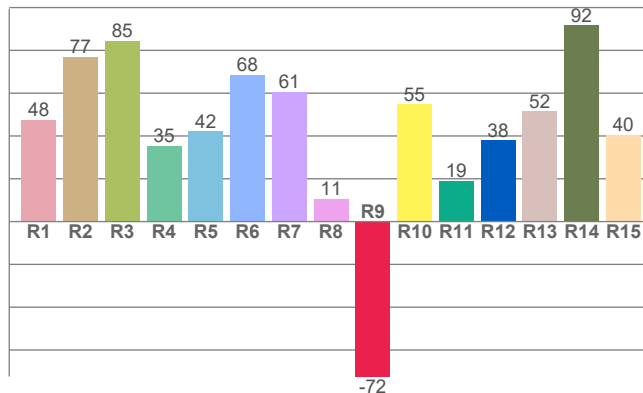
Chromaticity



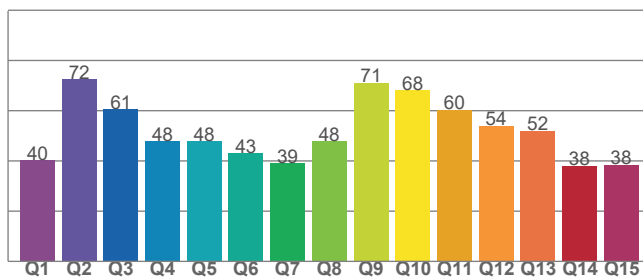
CIE 1931 - Zoom



CRI: 53.3 (R1-R8)



CQS: 49.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1822 K	0.548	0.411

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0006	0.411	0.321

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.3	-72.4	49.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	59.7	86.1

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - Amber Only-Single Pod

TM-30 Details

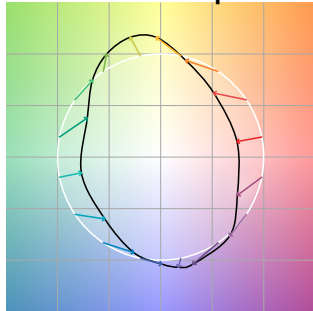
Rf 59.7

Fidelity Index
(R_f)

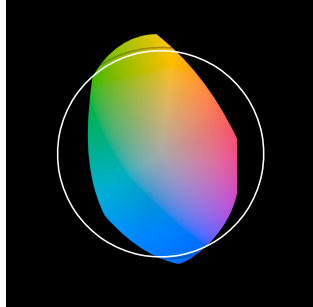
Rg 86.1

Gammut Index
(R_g)

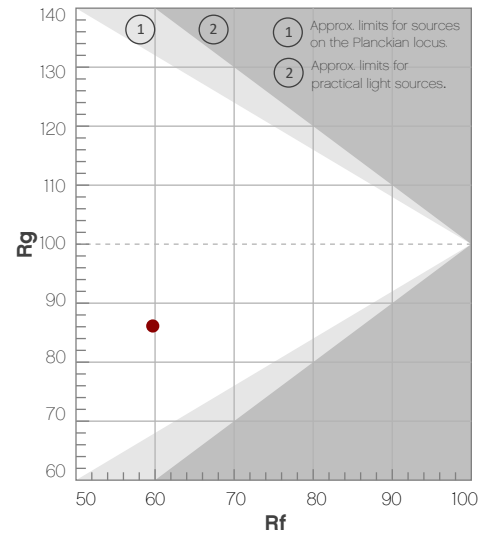
Color Vector Graphic



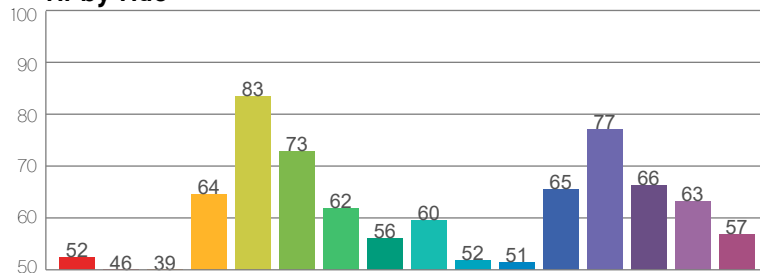
Color Distortion Graphic



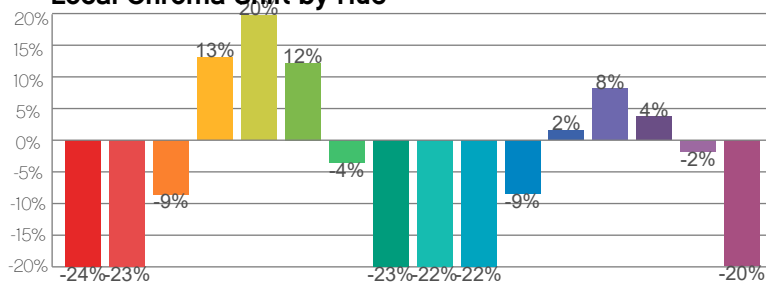
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	52	-24%	0%
2	46	-23%	23%
3	39	-9%	32%
4	64	13%	27%
5	83	20%	6%
6	73	12%	-12%
7	62	-4%	-25%
8	56	-23%	-23%
9	60	-22%	0%
10	52	-22%	20%
11	51	-9%	30%
12	65	2%	21%
13	77	8%	-4%
14	66	4%	-32%
15	63	-2%	-27%
16	57	-20%	-22%



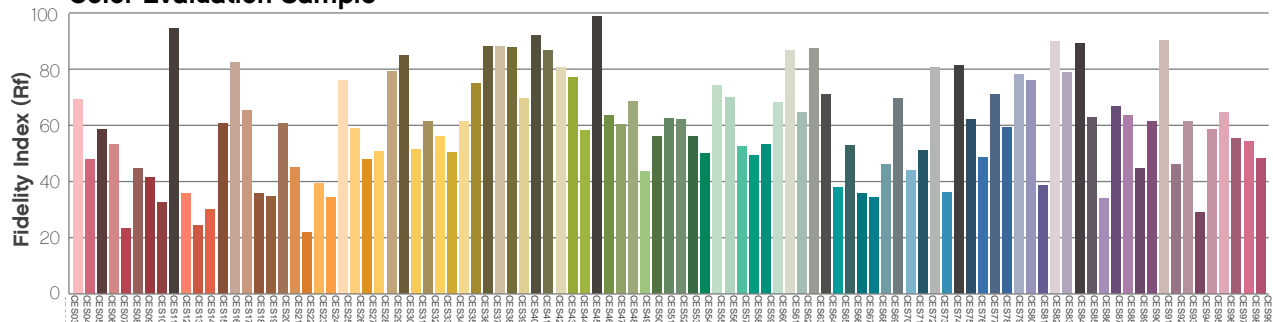
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - White Only-Single Pod

Report Summary

Measurements

Fixture Output: 1539 lm
Fixture Peak: 13393 cd
Fixture Efficacy: 54 lm/W
Intensity @ 5m: 536 lux
Color Temperature: 6934 K
CRI: 74.2 CRI R9 Value: -20.7
CQS: 71.9
TLCI: 54
TM-30 Rf: 75.0
TM-30 Rg: 93.7
Beam Angle (50%): 15.4°
Field Angle (10%): 29.6°
Cutoff Angle (3%): 46.2°

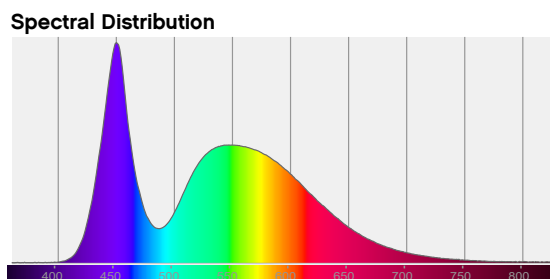
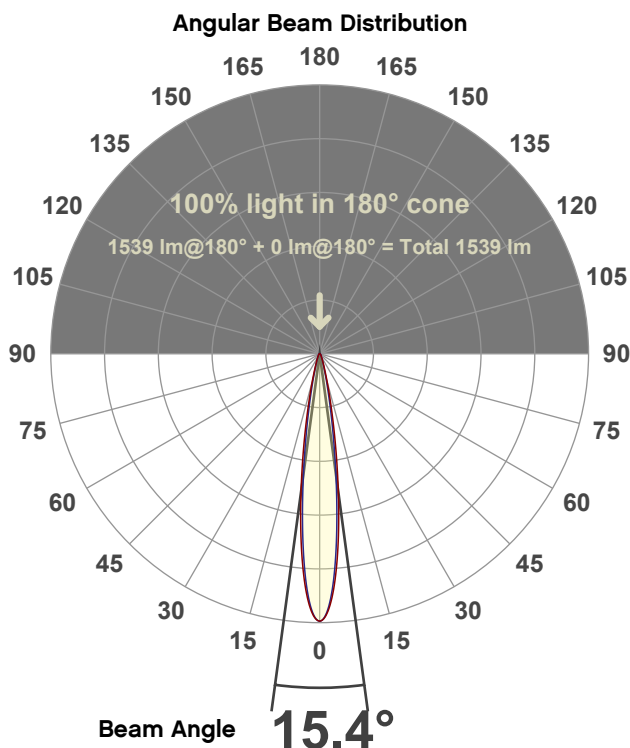


Conditions

AC Supply: 119 V, 60 Hz
Power: 33.58 W
Current: 0.283 A
Power Factor: 0.85

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 4/17/2025 to LM-63-2002 Standards.

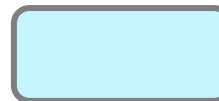
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.323



Light Quality

CRI: 74.2

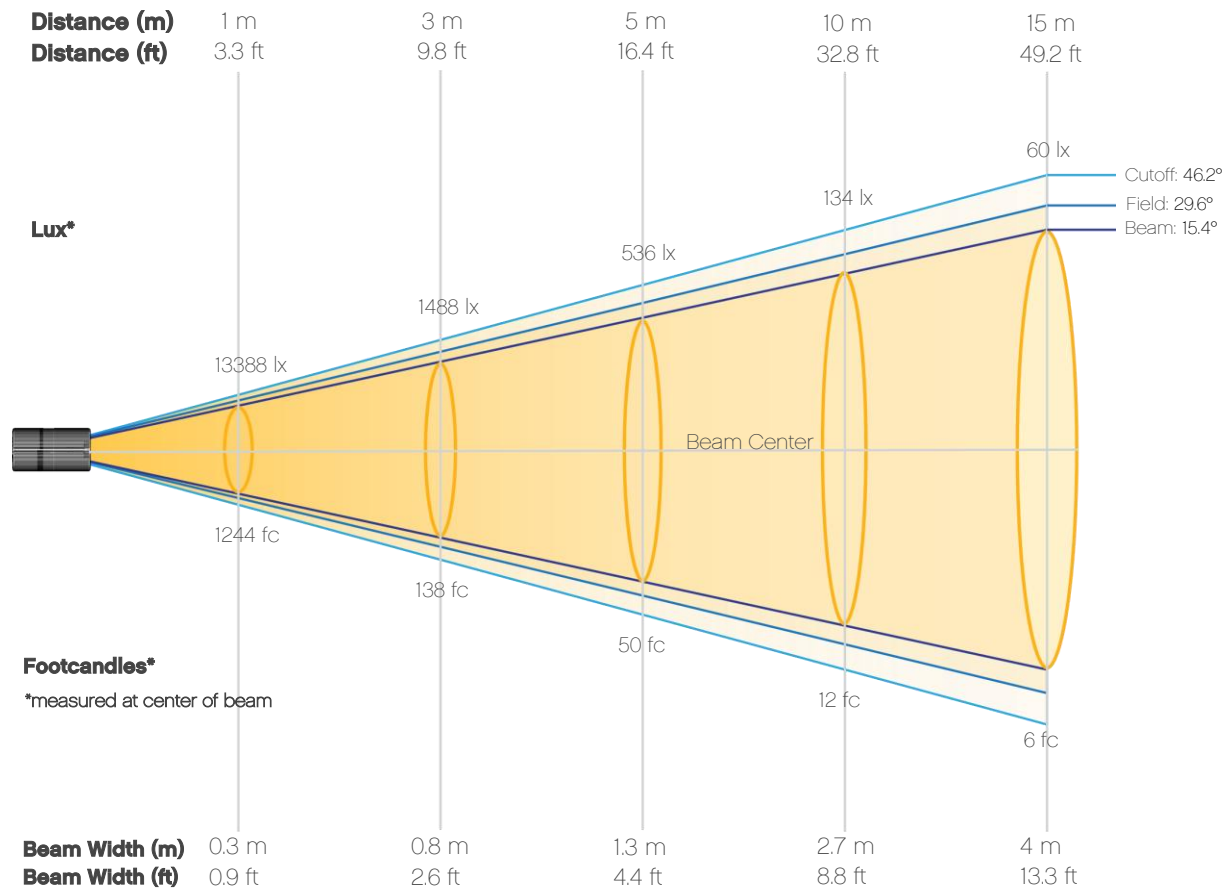
Color Temperature

6934 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - White Only-Single Pod

Beam Details

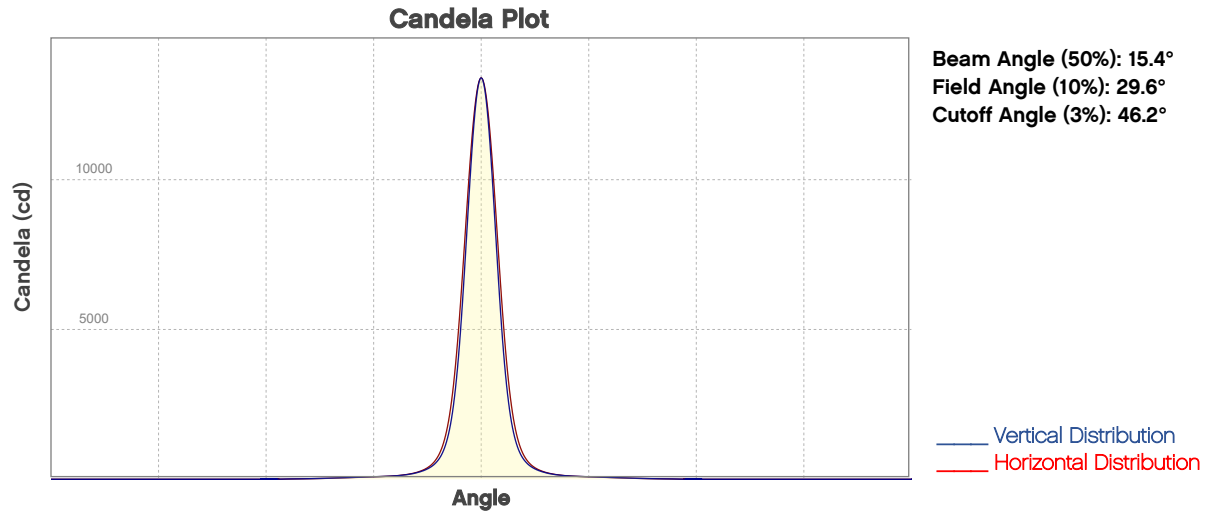


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13388	3347	1488	837	536	372	273	209	165	134
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	111	93	79	68	60	52	46	41	37	33
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1244	311	138	78	50	35	25	19	15	12
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	10	9	7	6	6	5	4	4	3	3

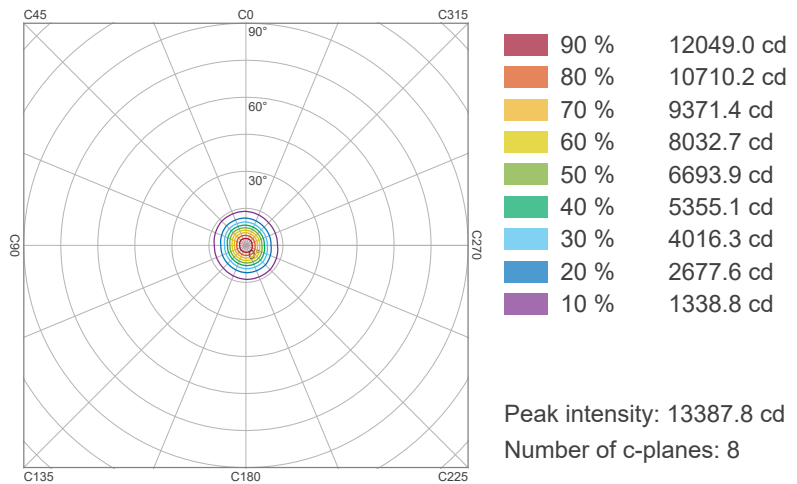
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - White Only-Single Pod

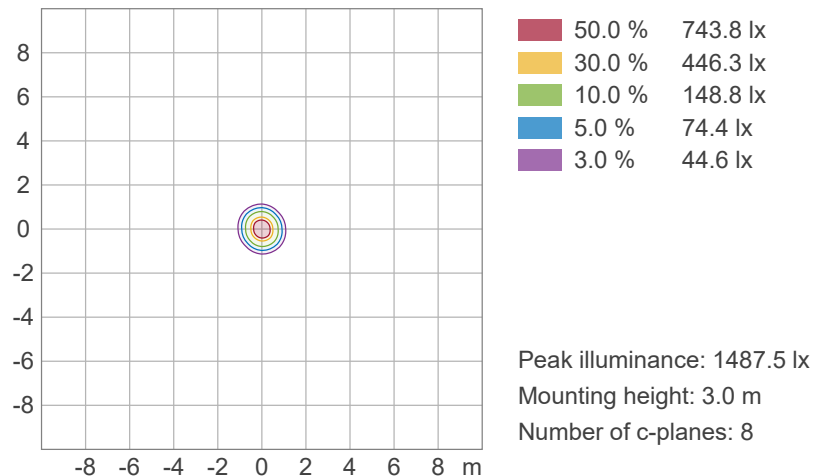


ISO Diagrams

ISO Candela Diagram



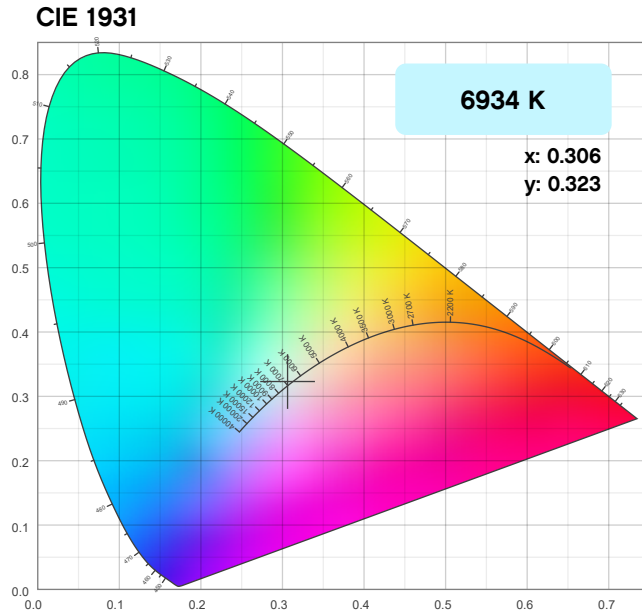
ISO Lux Diagram



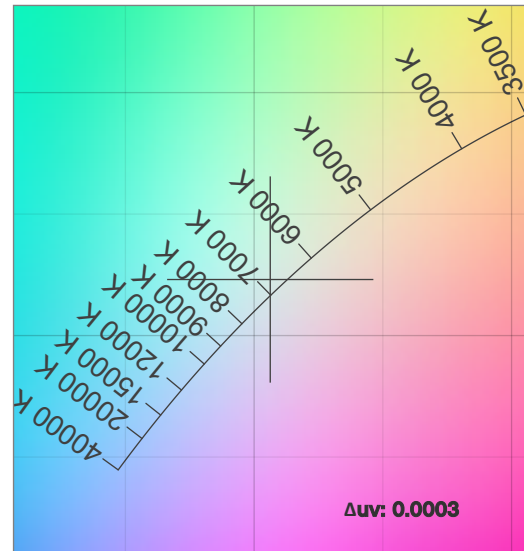
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - White Only-Single Pod

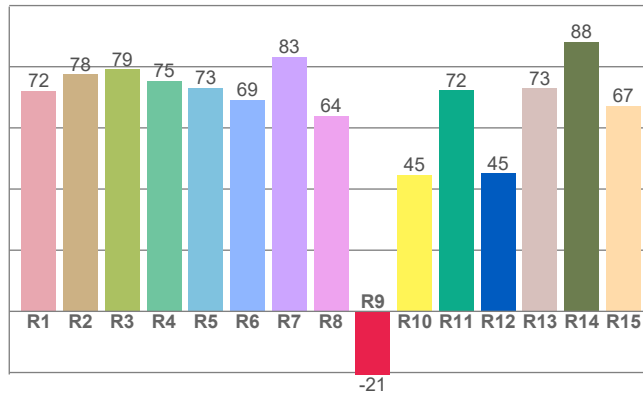
Chromaticity



CIE 1931 - Zoom



CRI: 74.2 (R1-R8)

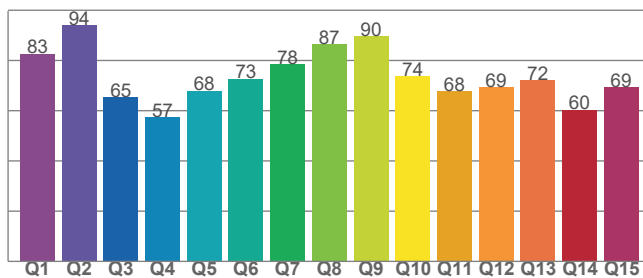


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6934 K	0.306	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0003	0.323	0.196

CQS: 71.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.2	-20.7	71.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
54	75.0	93.7

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - White Only-Single Pod

TM-30 Details

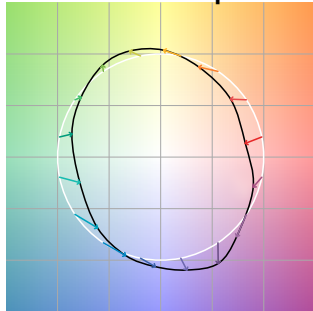
Rf 75.0

Fidelity Index
(Rg)

Rg 93.7

Gammut Index
(Rg)

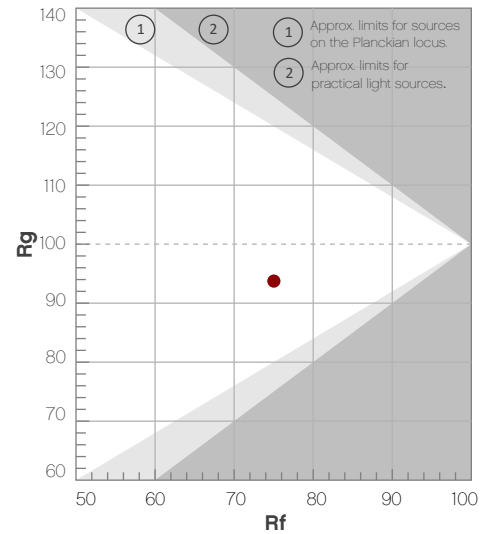
Color Vector Graphic



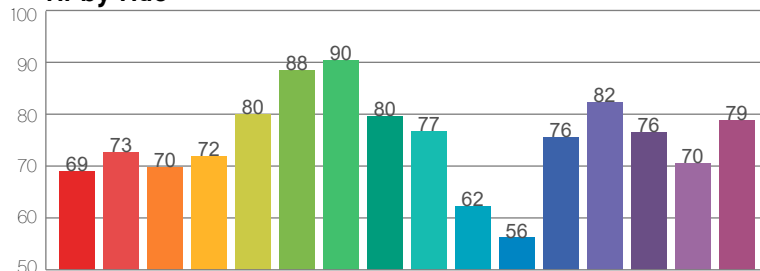
Color Distortion Graphic



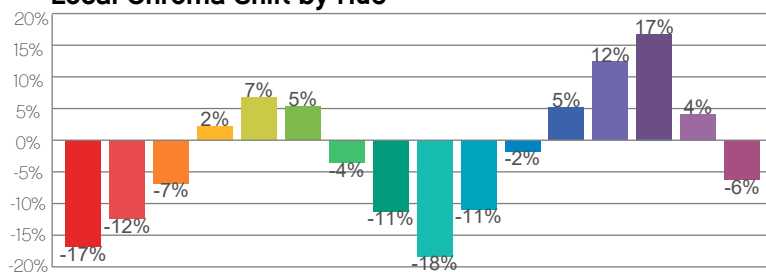
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	69	-17%	-3%
2	73	-12%	9%
3	70	-7%	18%
4	72	2%	17%
5	80	7%	10%
6	88	5%	-3%
7	90	-4%	-5%
8	80	-11%	-5%
9	77	-18%	9%
10	62	-11%	23%
11	56	-2%	25%
12	76	5%	15%
13	82	12%	4%
14	76	17%	-11%
15	70	4%	-23%
16	79	-6%	-11%



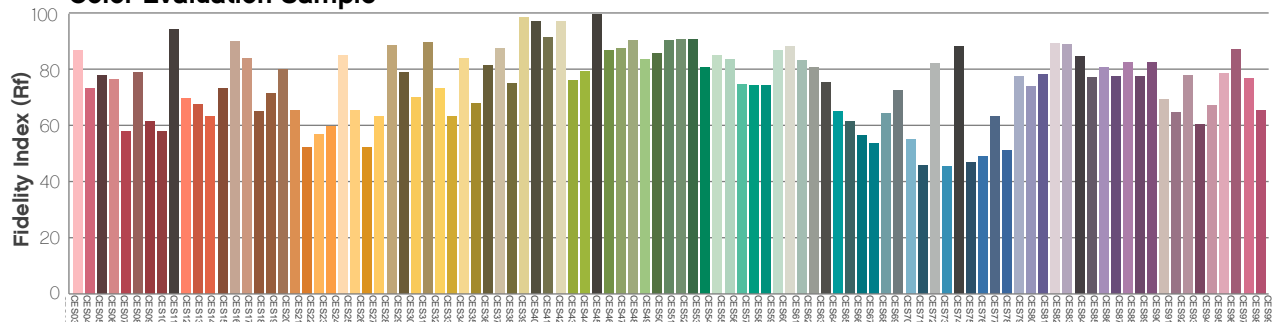
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics - UV Only-Single Pod

Report Summary

Measurements

Fixture Output: 66.7 lm
Fixture Peak: 648 cd
Fixture Efficacy: 4 lm/W
Intensity @ 5m: 26 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 14.8°
Field Angle (10%): 29.1°
Cutoff Angle (3%): 44.3°

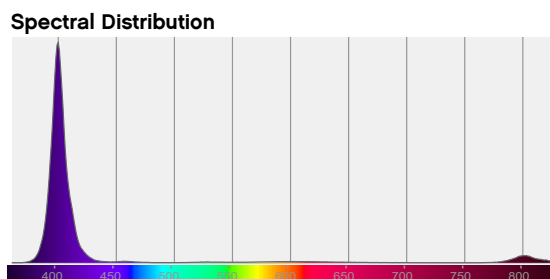
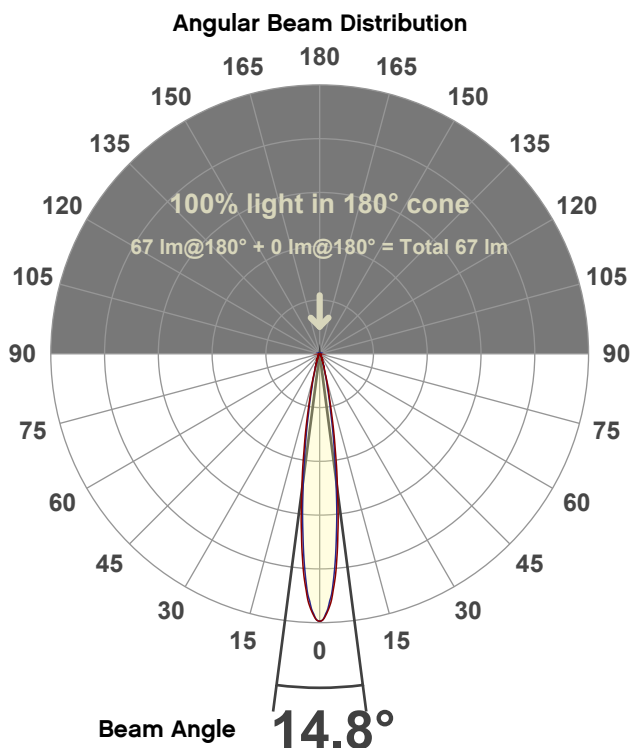


Conditions

AC Supply: 119 V, 60 Hz
Power: 24.57 W
Current: 0.206 A
Power Factor: 0.77

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.240

Y: 0.109



Light Quality

CRI: 0.0

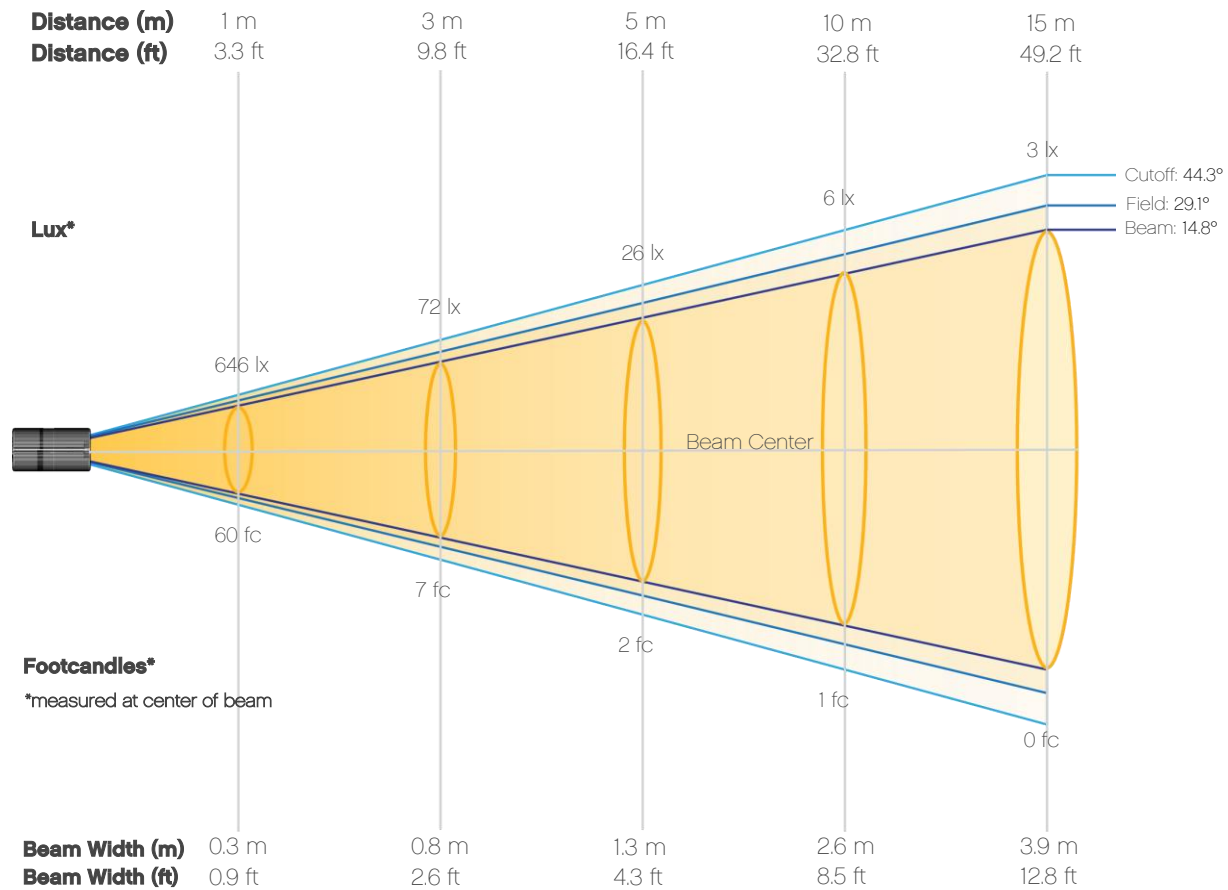
Color Temperature

0 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - UV Only-Single Pod

Beam Details

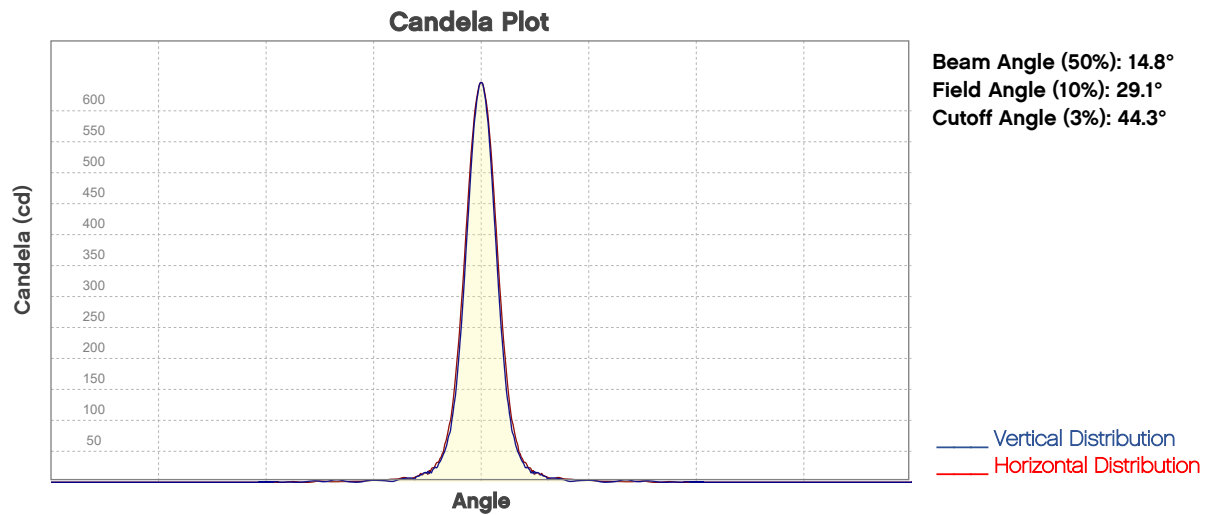


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	646	161	72	40	26	18	13	10	8	6
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	5	4	4	3	3	3	2	2	2	2
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	60	15	7	4	2	2	1	1	1	1
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	0	0	0	0	0	0	0	0	0	0

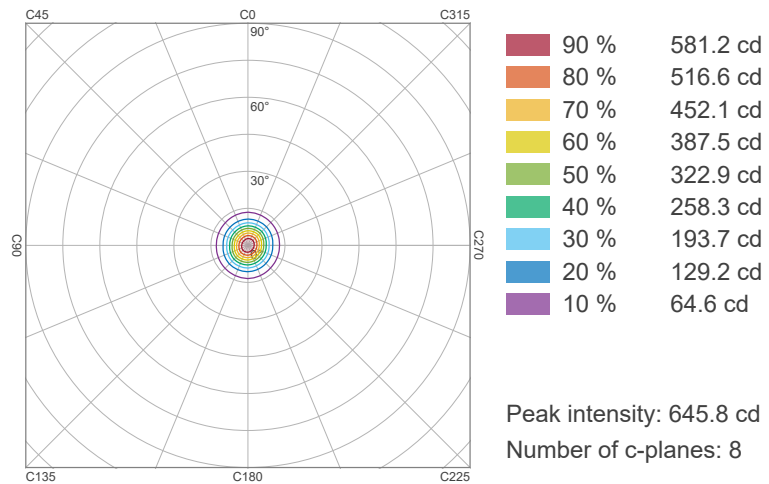
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - UV Only-Single Pod

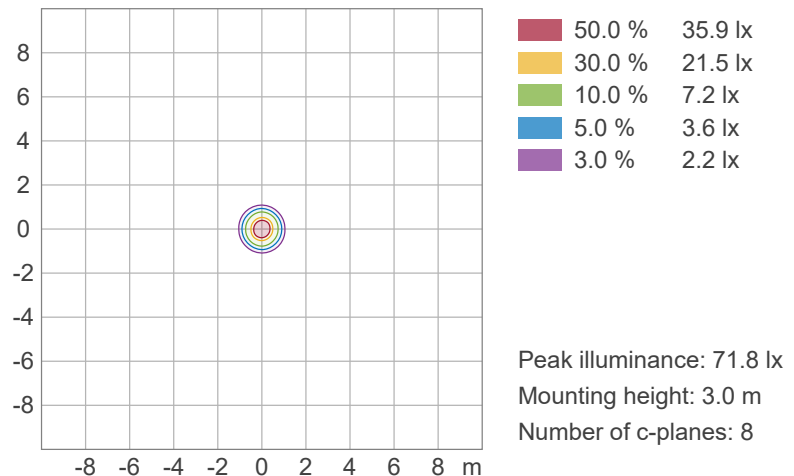


ISO Diagrams

ISO Candela Diagram



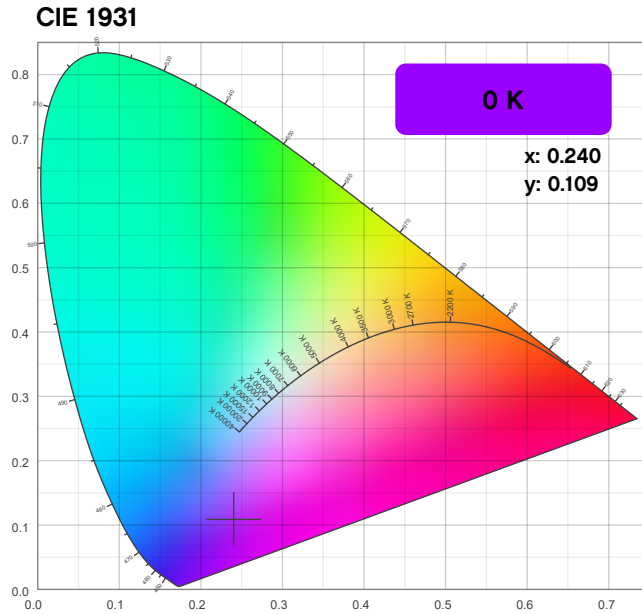
ISO Lux Diagram



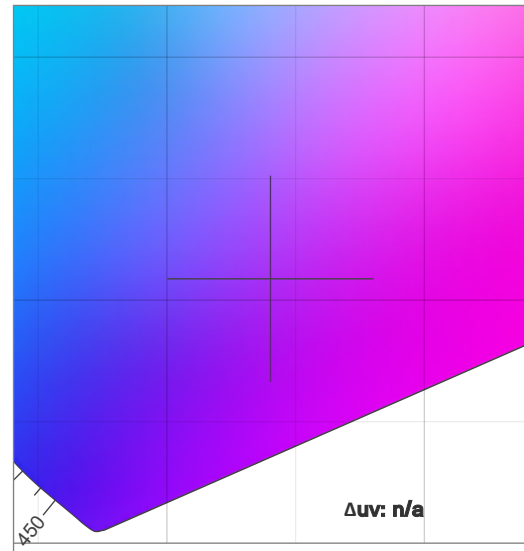
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics - UV Only-Single Pod

Chromaticity



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.240	0.109

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.109	0.251

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

COLORdash Par Bar 4: Standard Optics - UV Only-Single Pod

TM-30 Details

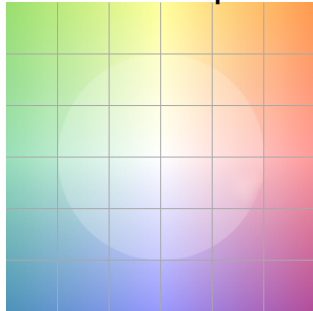
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

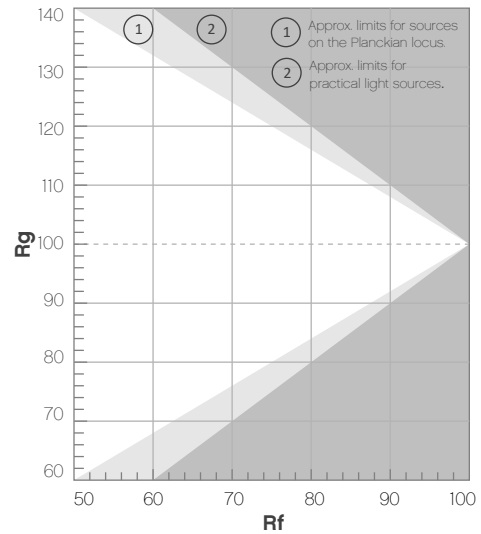
Color Vector Graphic



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

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power-Single Pod

Report Summary

Measurements

Fixture Output: 4280 lm
Fixture Peak: 12759 cd
Fixture Efficacy: 30 lm/W
Intensity @ 5m: 510 lux
Color Temperature: 13789 K
CRI: 68.0 CRI R9 Value: -77.7
CQS: 84.8
TLCI: 86
TM-30 Rf: 75.9
TM-30 Rg: 115.5
Beam Angle (50%): 30.9°
Field Angle (10%): 48.6°
Cutoff Angle (3%): 78.7°

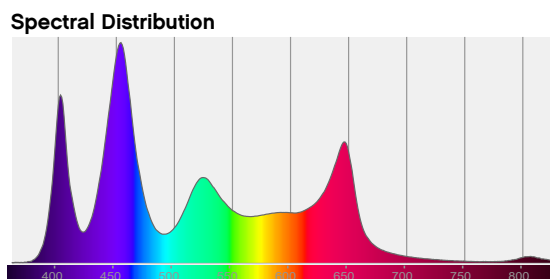
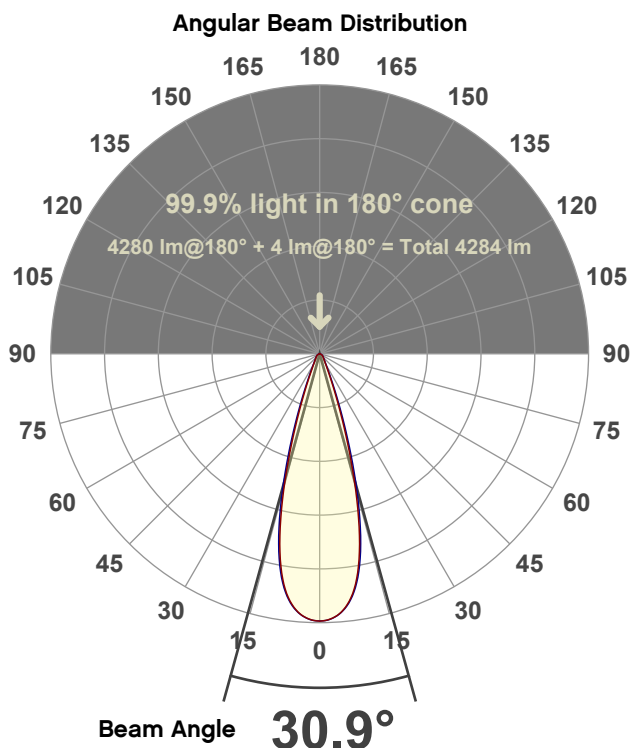


Conditions

AC Supply: 117 V, 60 Hz
Power: 143.58 W
Current: 1.23 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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.284

Y: 0.248



Light Quality

CRI: 68.0

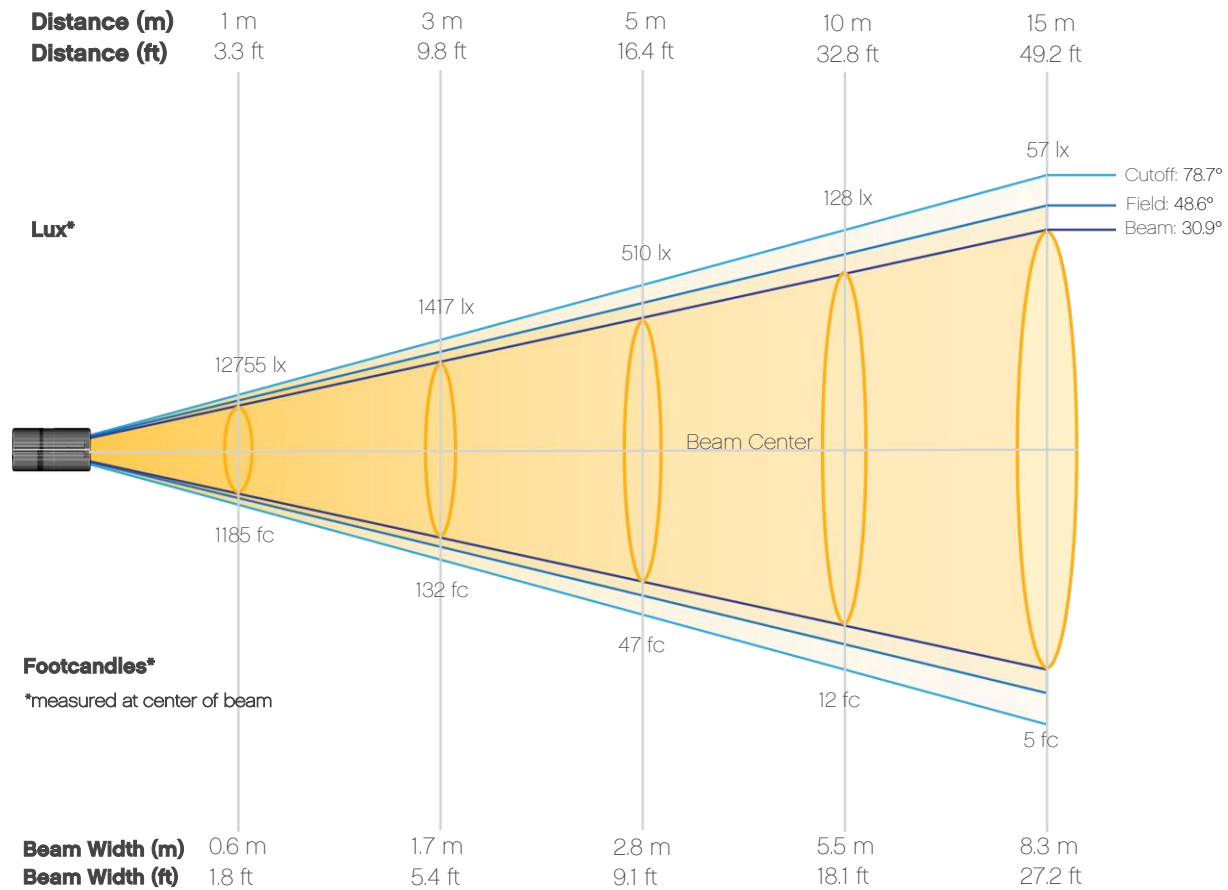
Color Temperature

13789 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power-Single Pod

Beam Details

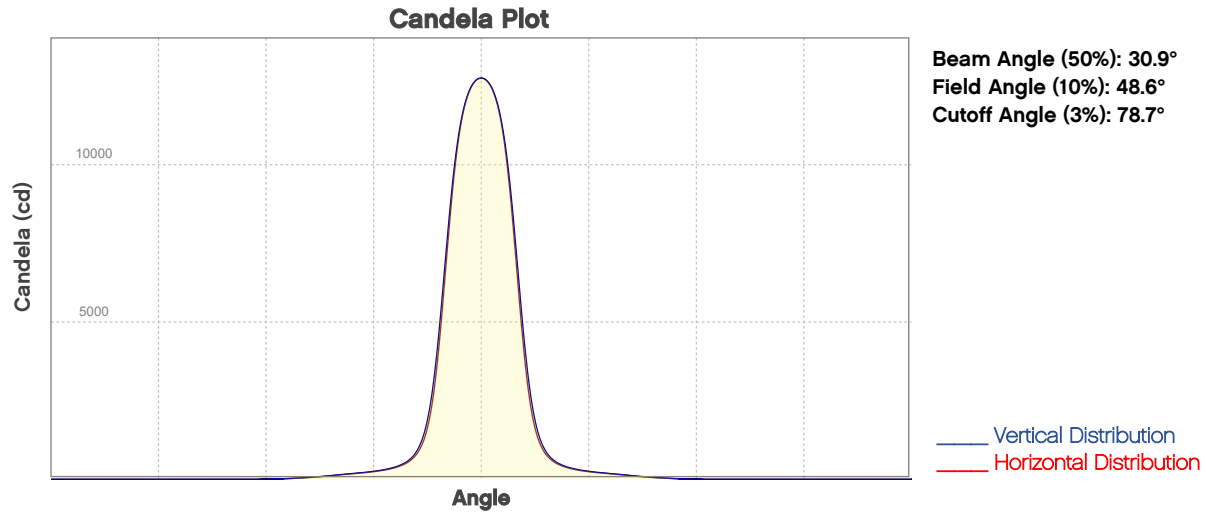


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12755	3189	1417	797	510	354	260	199	157	128
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	105	89	75	65	57	50	44	39	35	32
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1185	296	132	74	47	33	24	19	15	12
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	10	8	7	6	5	5	4	4	3	3

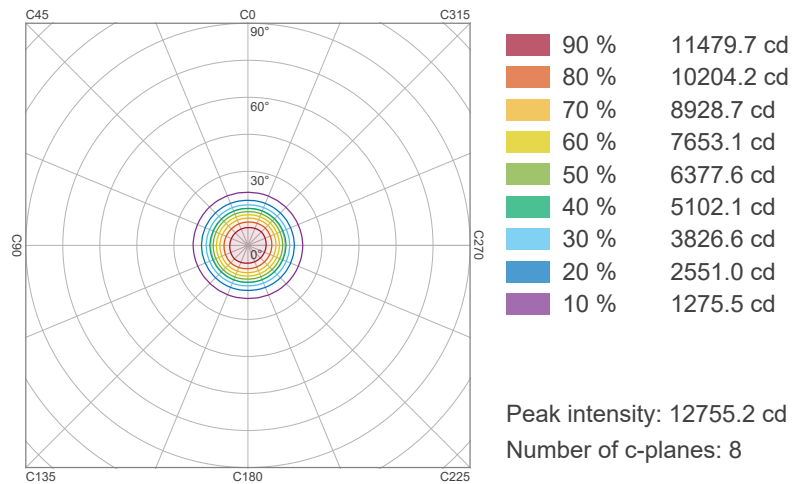
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Full Power-Single Pod

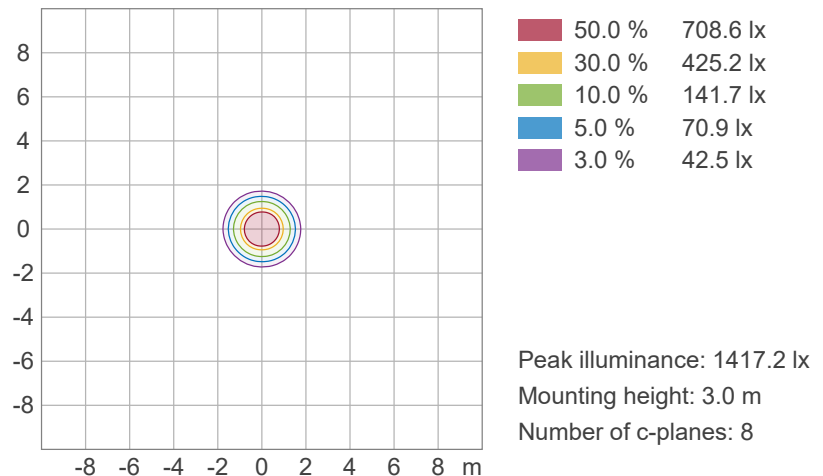


ISO Diagrams

ISO Candela Diagram



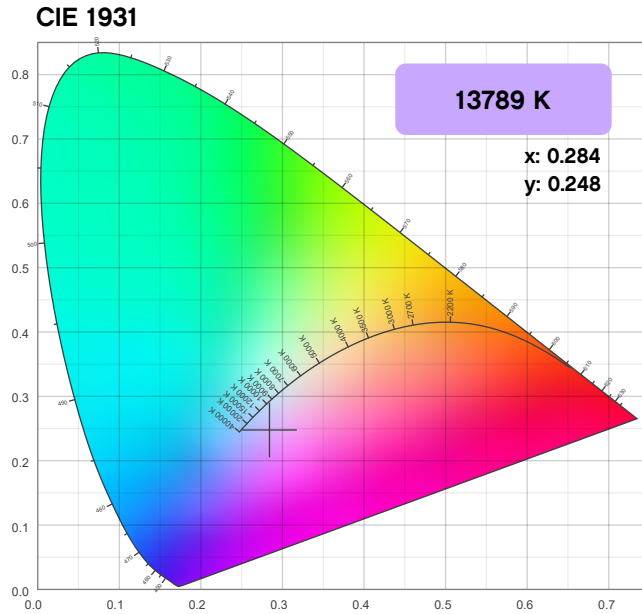
ISO Lux Diagram



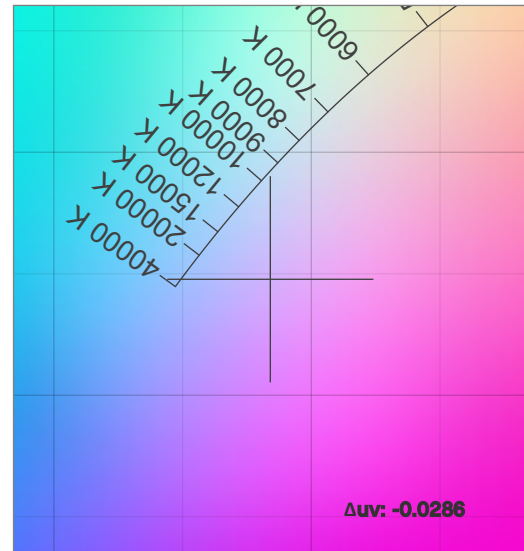
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Full Power-Single Pod

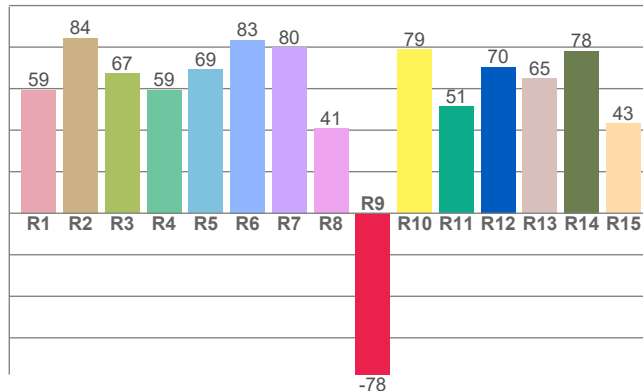
Chromaticity



CIE 1931 - Zoom



CRI: 68.0 (R1-R8)

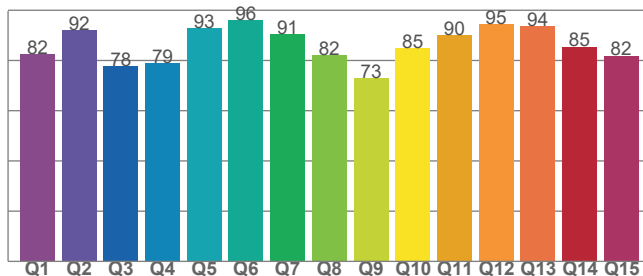


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
13789 K	0.284	0.248

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0286	0.248	0.210

CQS: 84.8



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
68.0	-77.7	84.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
86	75.9	115.5

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Full Power-Single Pod

TM-30 Details

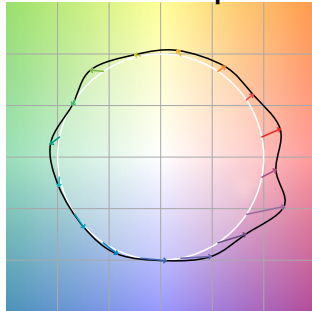
Rf 75.9

Fidelity Index
(R_f)

Rg 115.5

Gammut Index
(R_g)

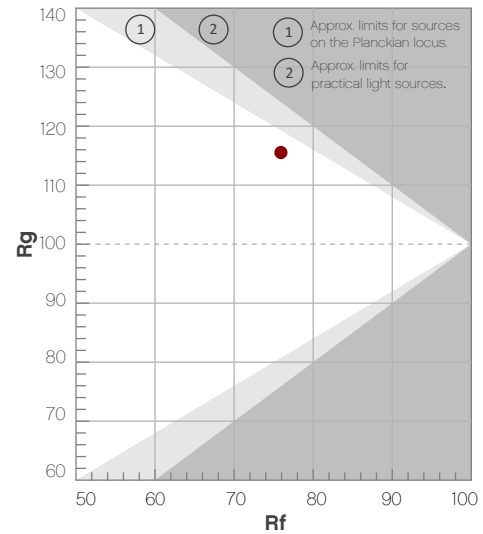
Color Vector Graphic



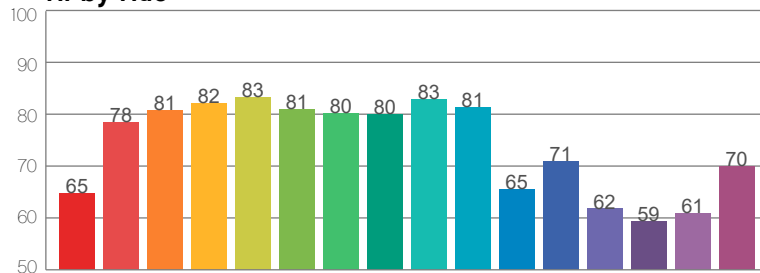
Color Distortion Graphic



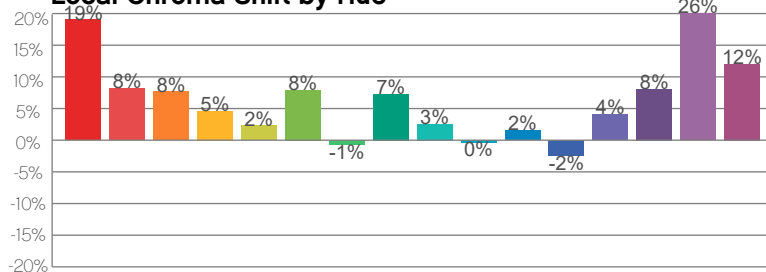
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	65	19%	4%
2	78	8%	1%
3	81	8%	-3%
4	82	5%	4%
5	83	2%	5%
6	81	8%	10%
7	80	-1%	6%
8	80	7%	8%
9	83	3%	9%
10	81	0%	16%
11	65	2%	17%
12	71	-2%	25%
13	62	4%	29%
14	59	8%	27%
15	61	26%	27%
16	70	12%	10%



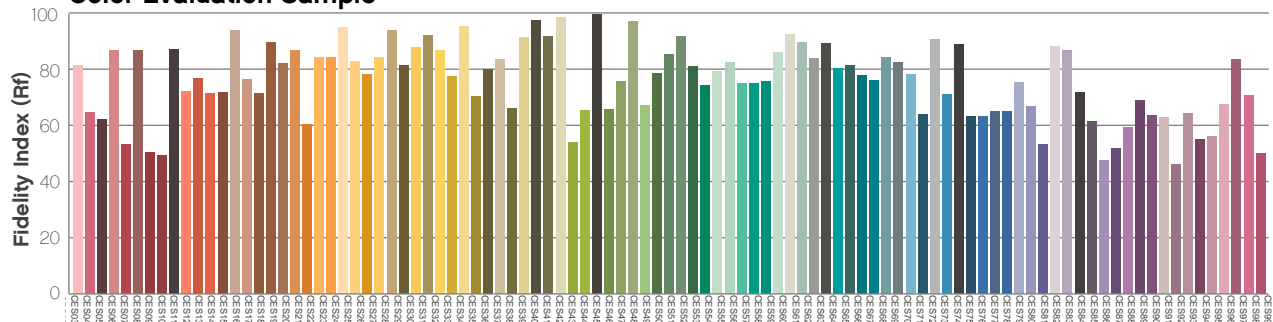
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Red Only-Single Pod

Report Summary

Measurements

Fixture Output: 686 lm
Fixture Peak: 1953 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 78 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%): 31.7°
Field Angle (10%): 49.5°
Cutoff Angle (3%): 81°

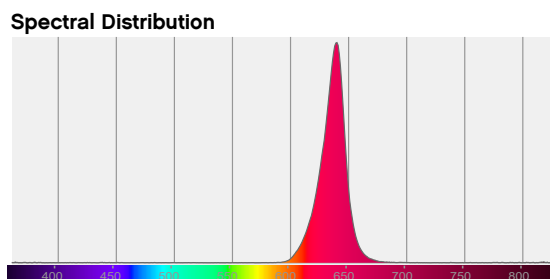
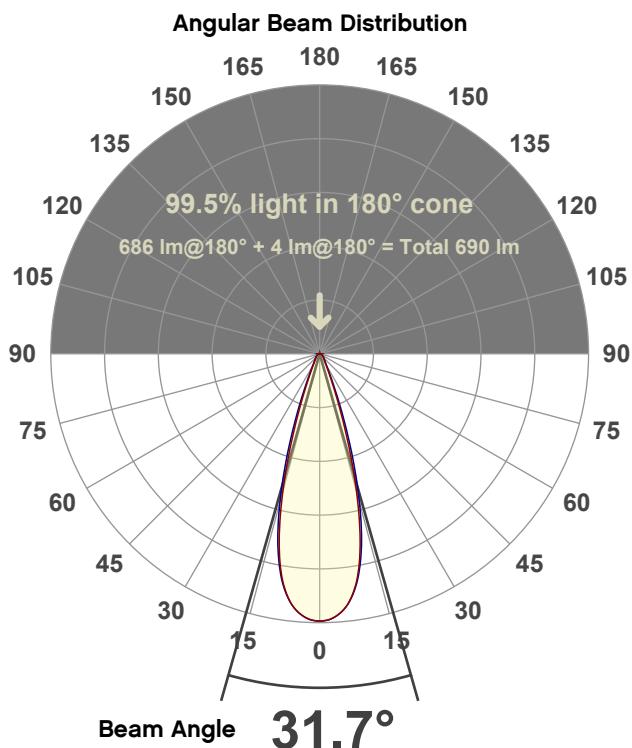


Conditions

AC Supply: 120 V, 60 Hz
Power: 33.27 W
Current: 0.278 A
Power Factor: 0.81

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.703

Y: 0.294



Light Quality

CRI: 0.0

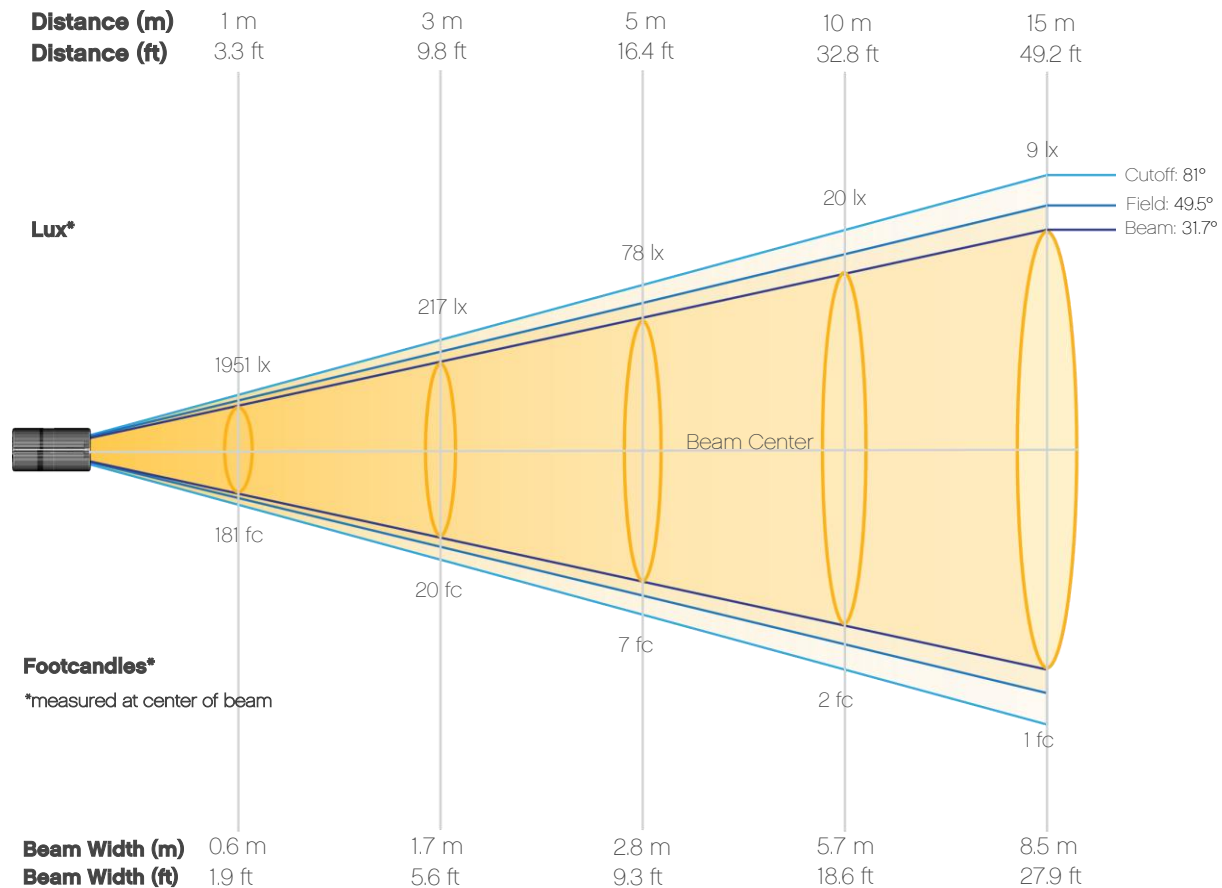
Color Temperature

0 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Red Only-Single Pod

Beam Details

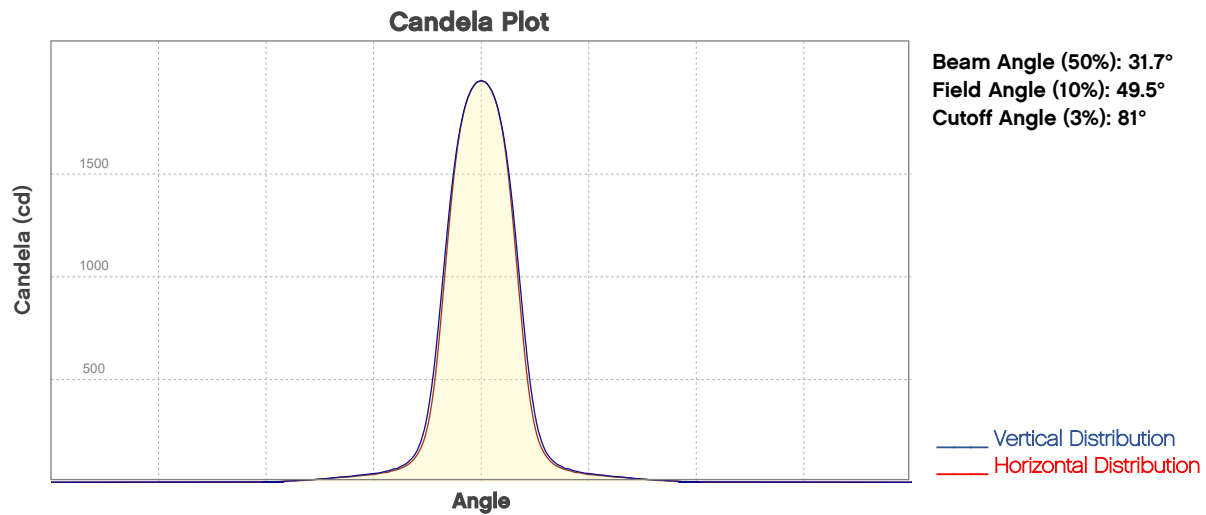


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1951	488	217	122	78	54	40	30	24	20
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	16	14	12	10	9	8	7	6	5	5
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	181	45	20	11	7	5	4	3	2	2
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	1	1	1	1	1	1	1	0

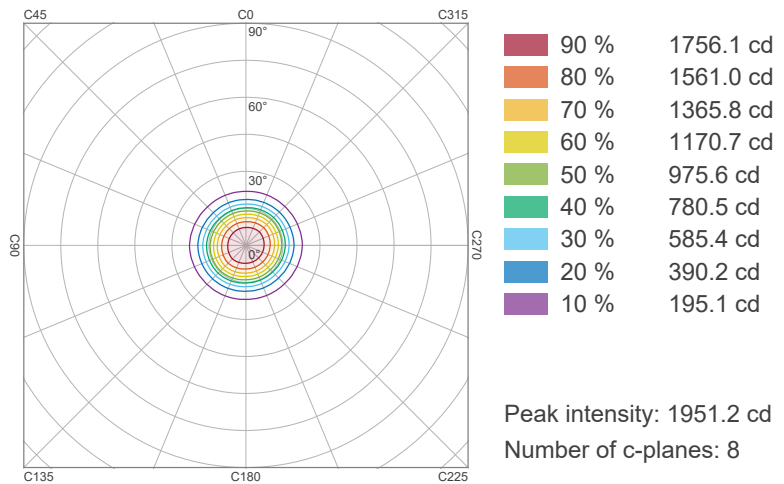
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Red Only-Single Pod

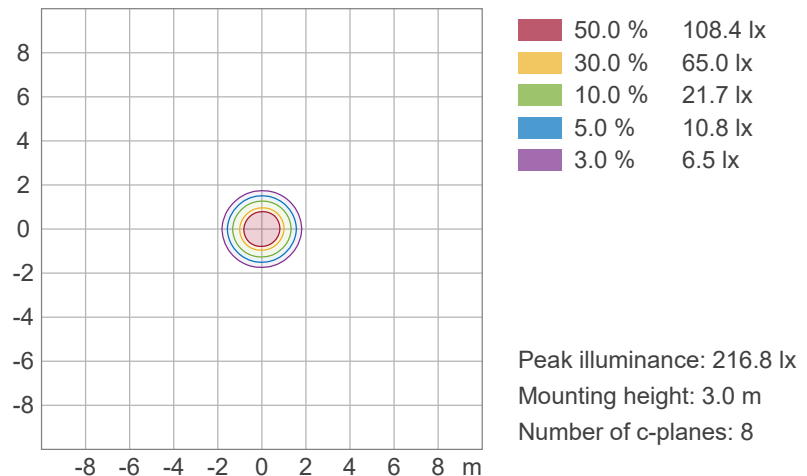


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Red Only-Single Pod

TM-30 Details

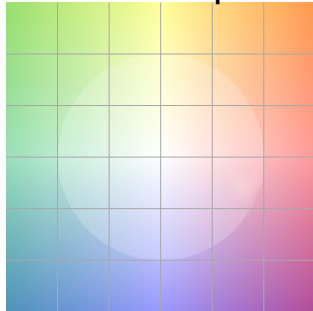
Rf 0.0

Fidelity Index
(Rg)

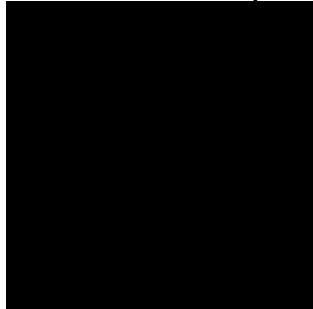
Rg 0.0

Gammut Index
(Rg)

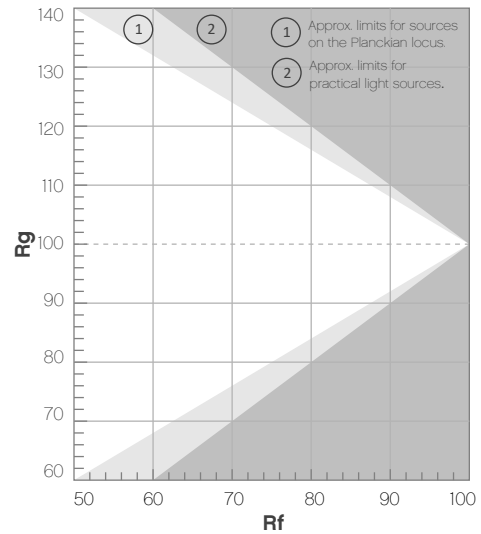
Color Vector Graphic



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

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Green Only-Single Pod

Report Summary

Measurements

Fixture Output: 1420 lm
Fixture Peak: 4238 cd
Fixture Efficacy: 53 lm/W
Intensity @ 5m: 169 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%): 31.2°
Field Angle (10%): 48.6°
Cutoff Angle (3%): 77°

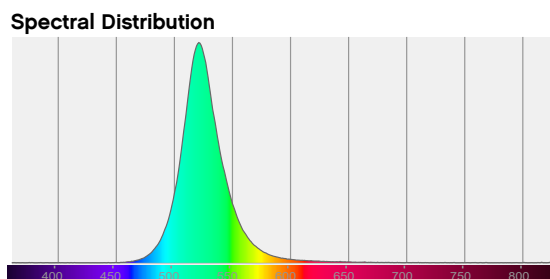
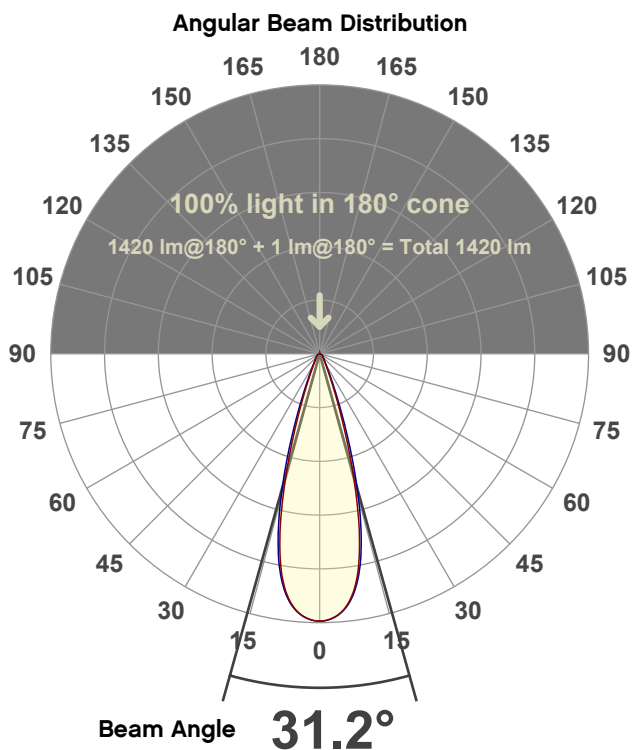


Conditions

AC Supply: 119 V, 60 Hz
Power: 32.61 W
Current: 0.273 A
Power Factor: 0.83

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.178

Y: 0.714



Light Quality

CRI: 0.0

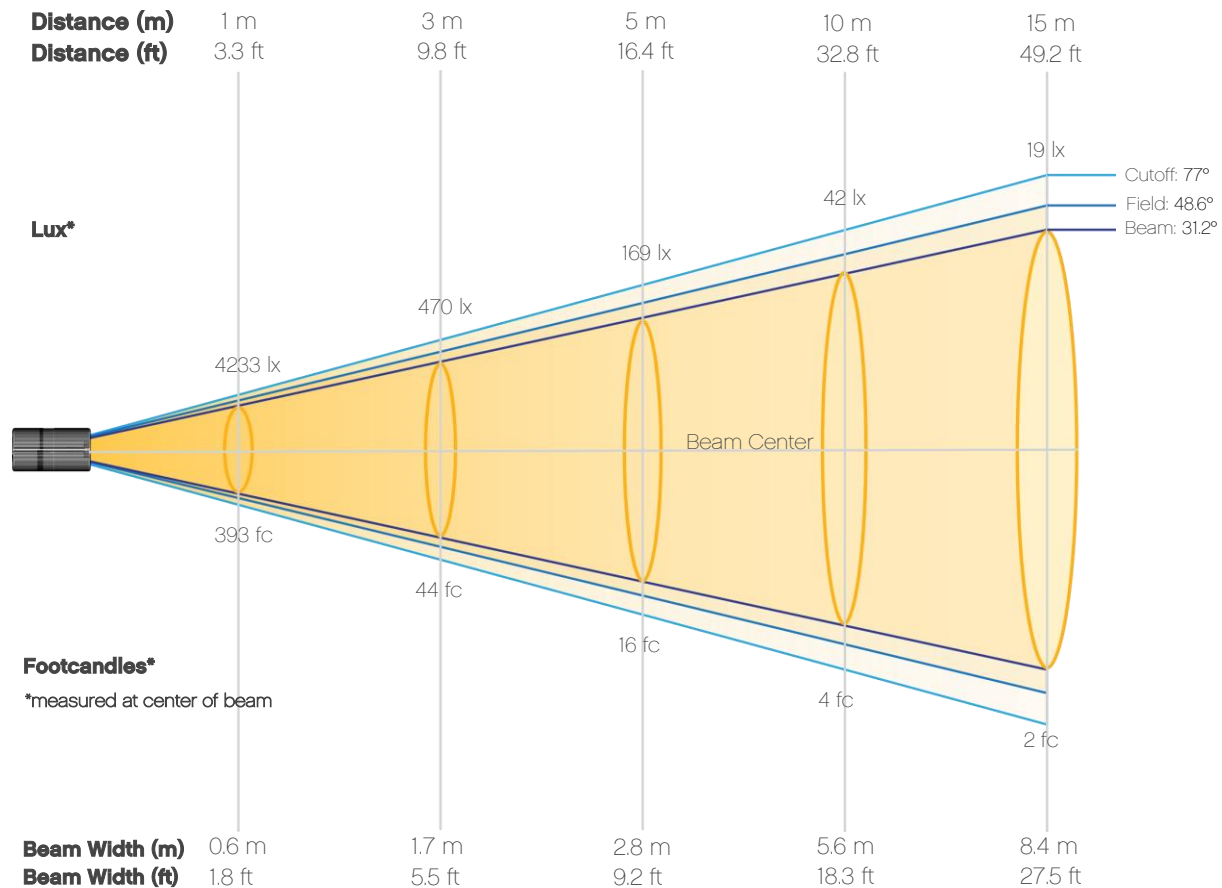
Color Temperature

0 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Green Only-Single Pod

Beam Details

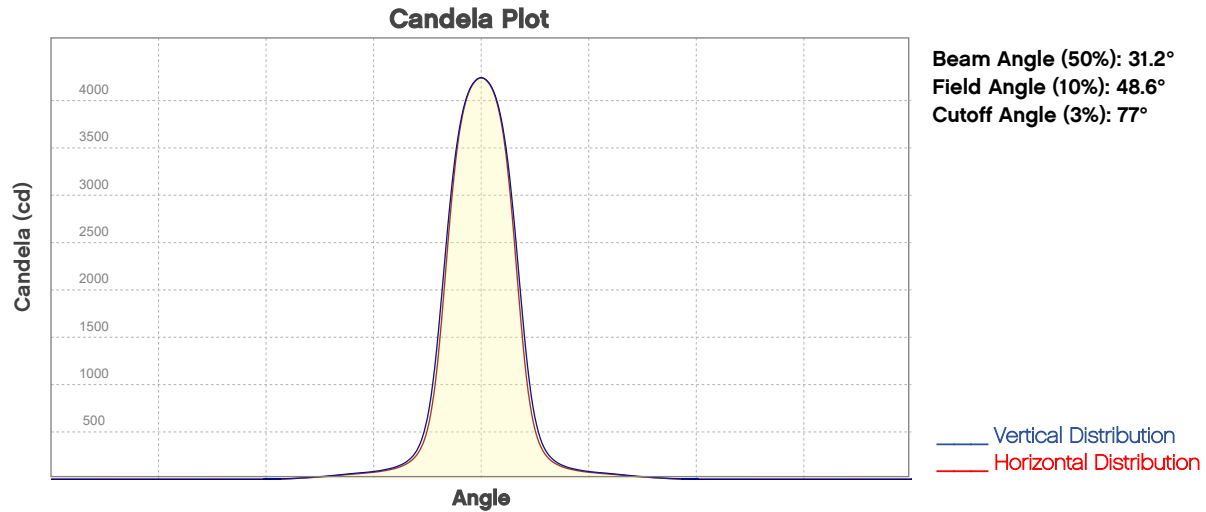


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4233	1058	470	265	169	118	86	66	52	42
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	35	29	25	22	19	17	15	13	12	11
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	393	98	44	25	16	11	8	6	5	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	2	1	1	1	1

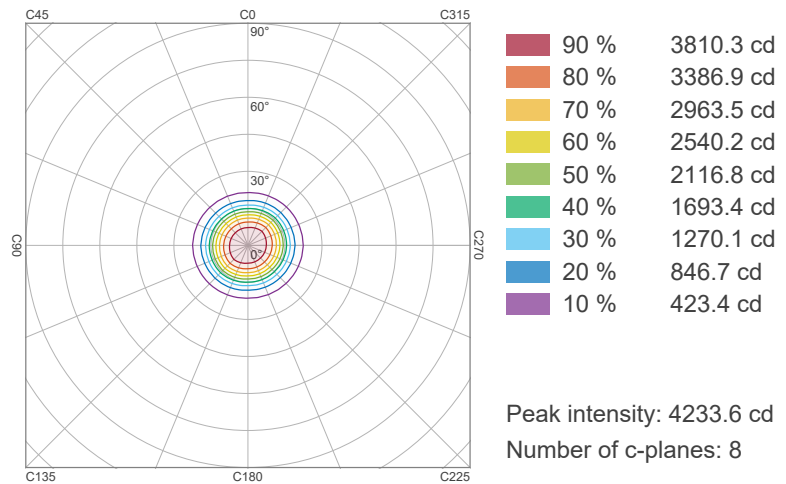
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Green Only-Single Pod

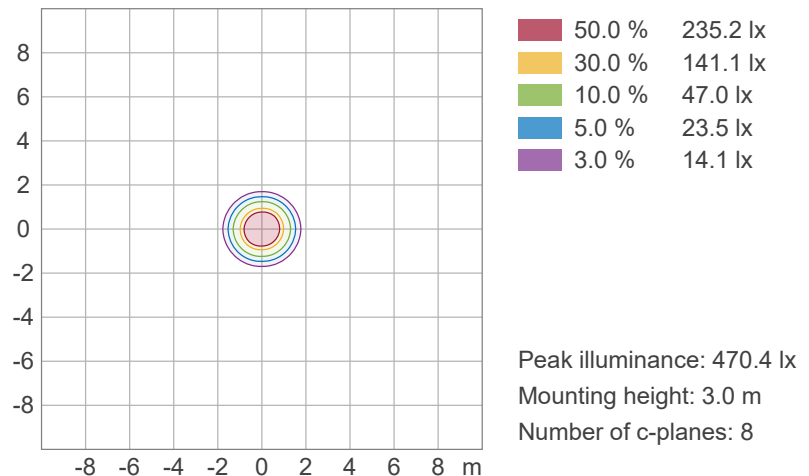


ISO Diagrams

ISO Candela Diagram



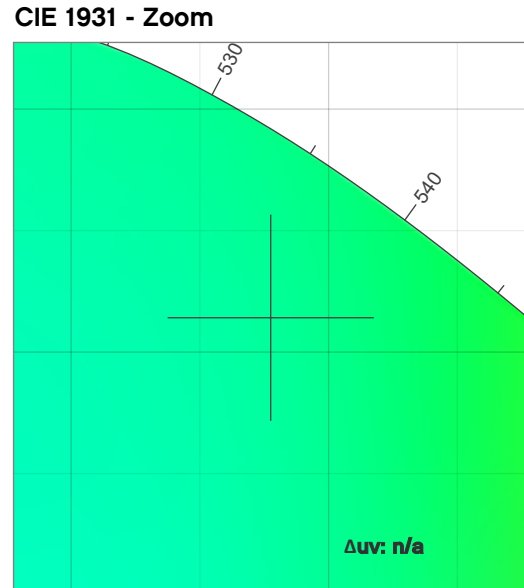
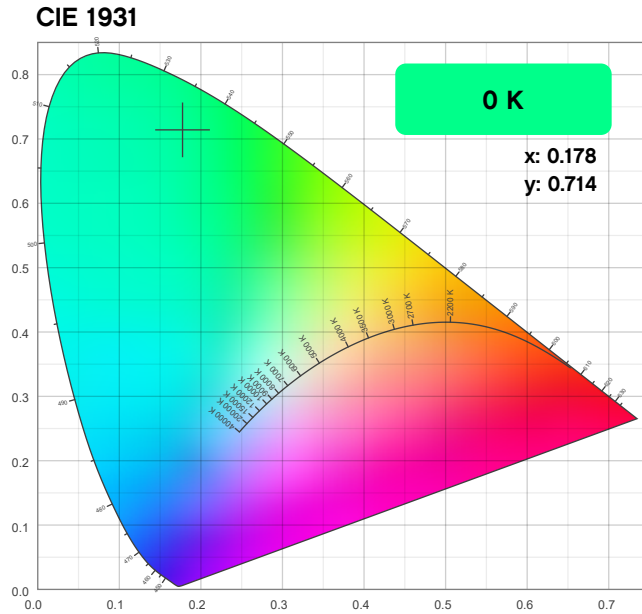
ISO Lux Diagram



Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Green Only-Single Pod

Chromaticity



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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	0.178	0.714

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.714	0.063

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

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Green Only-Single Pod

TM-30 Details

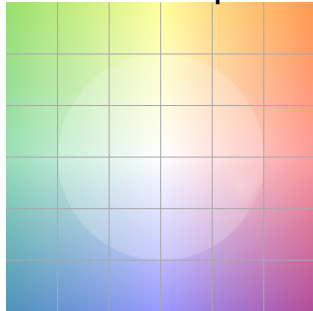
Rf 0.0

Fidelity Index
(Rg)

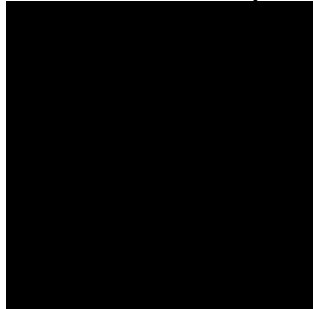
Rg 0.0

Gammut Index
(Rg)

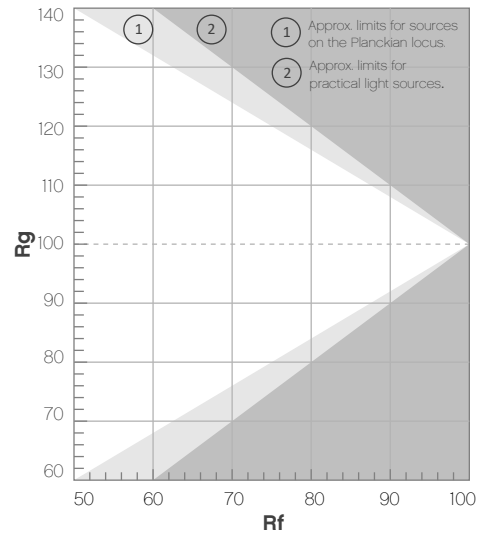
Color Vector Graphic



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

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Blue Only-Single Pod

Report Summary

Measurements

Fixture Output: 384 lm
Fixture Peak: 1190 cd
Fixture Efficacy: 15 lm/W
Intensity @ 5m: 48 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%): 30.1°
Field Angle (10%): 48°
Cutoff Angle (3%): 77.4°

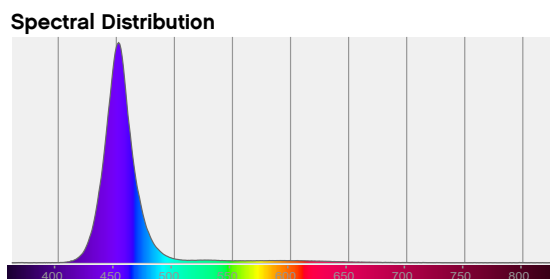
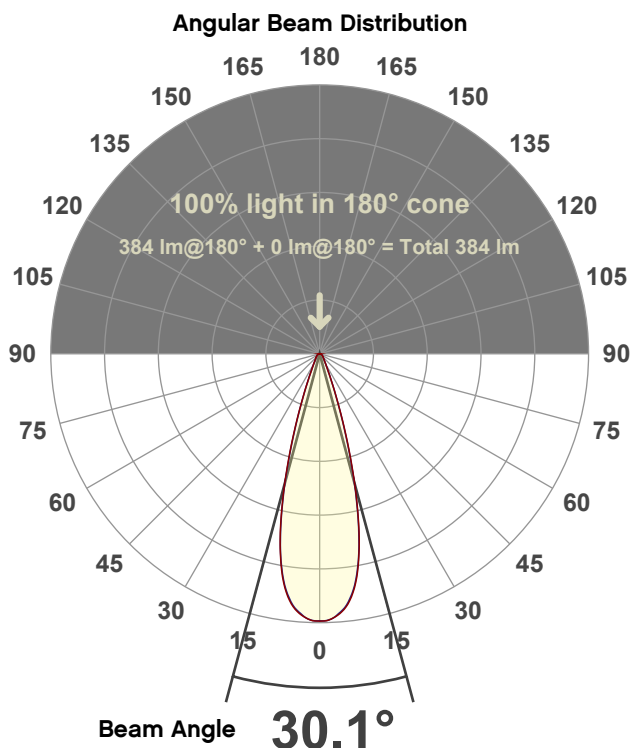


Conditions

AC Supply: 119 V, 60 Hz
Power: 30.75 W
Current: 0.258 A
Power Factor: 0.83

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.160

Y: 0.043



Light Quality

CRI: 0.0

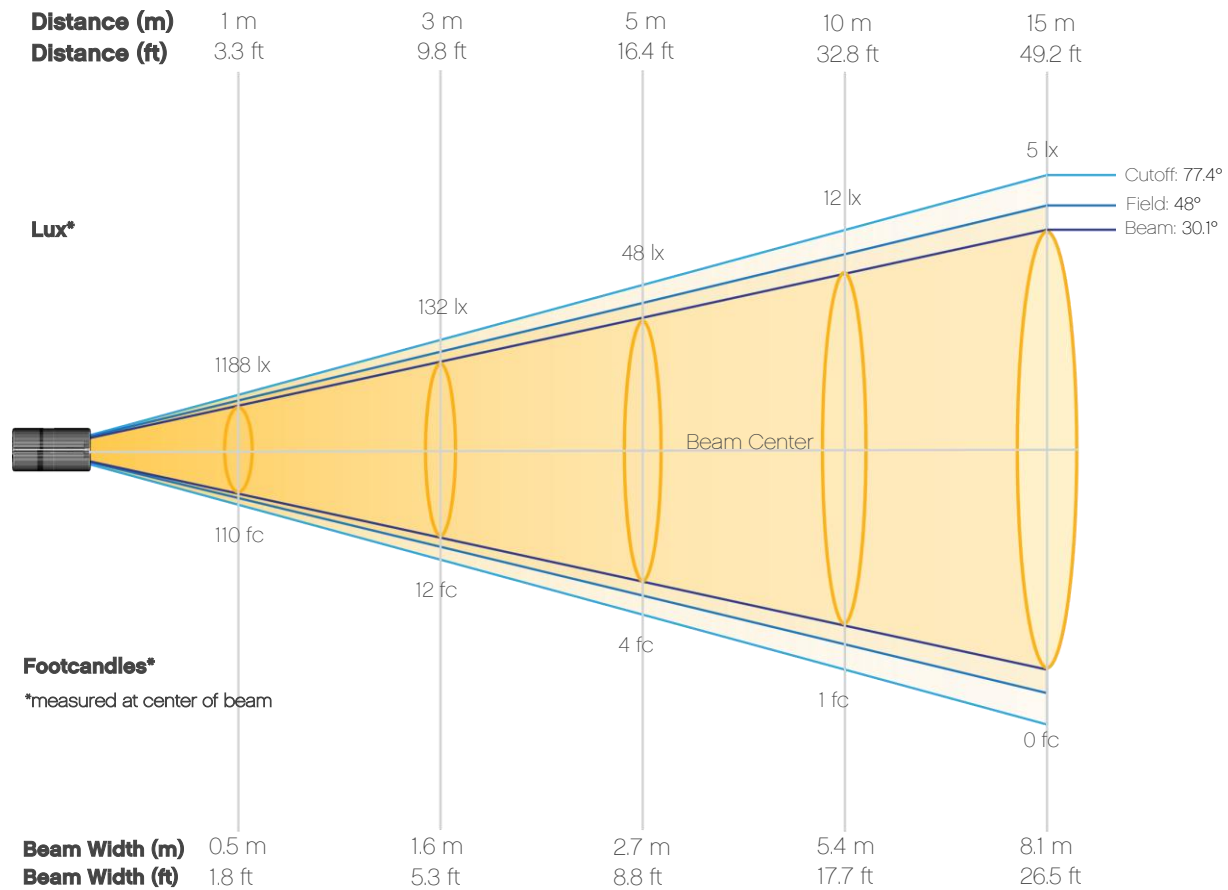
Color Temperature

0 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Blue Only-Single Pod

Beam Details

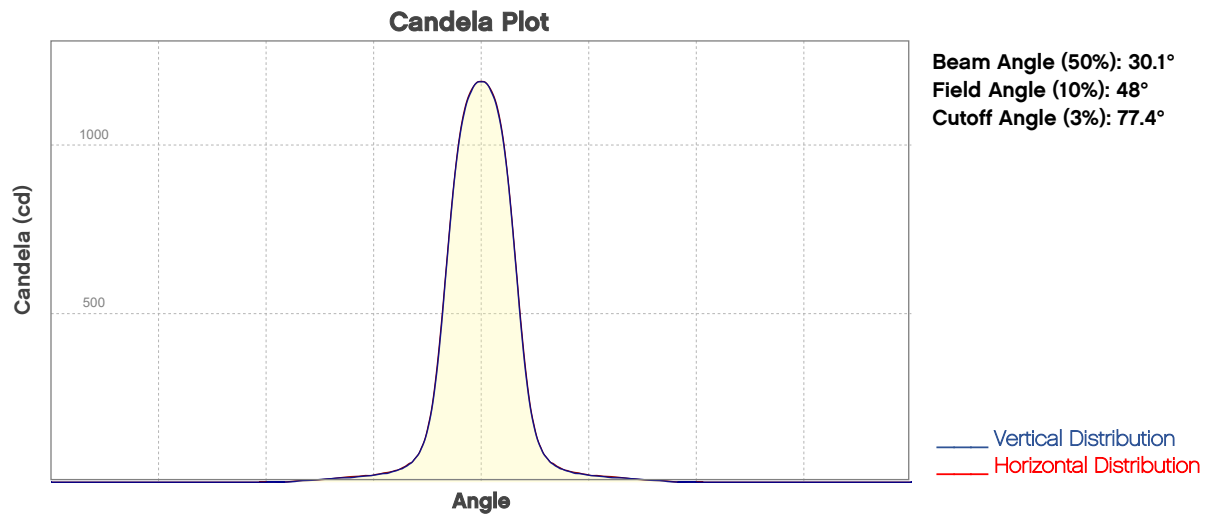


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1188	297	132	74	48	33	24	19	15	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	110	28	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

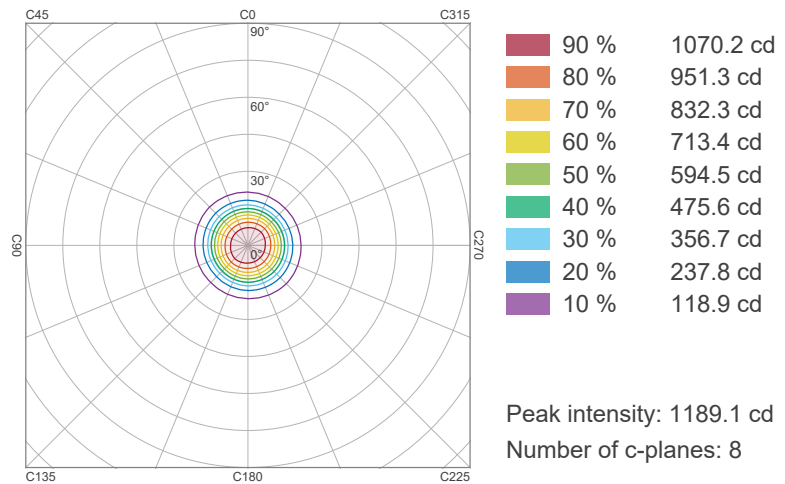
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Blue Only-Single Pod

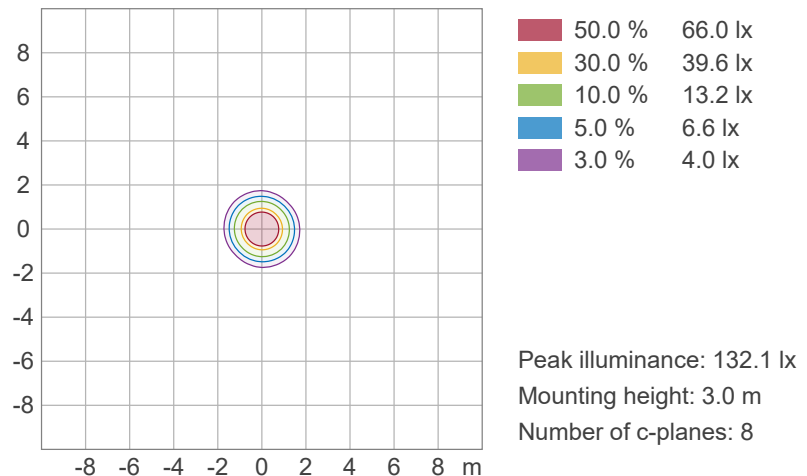


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Blue Only-Single Pod

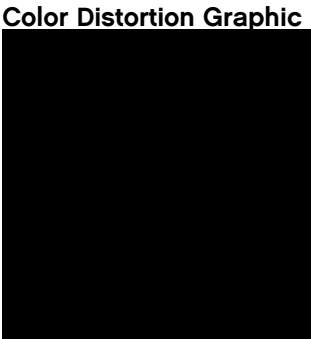
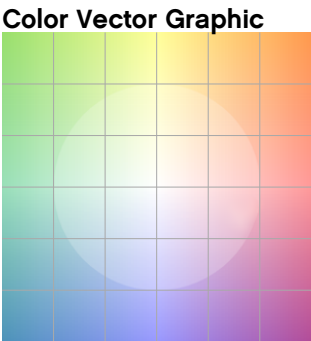
TM-30 Details

Rf 0.0

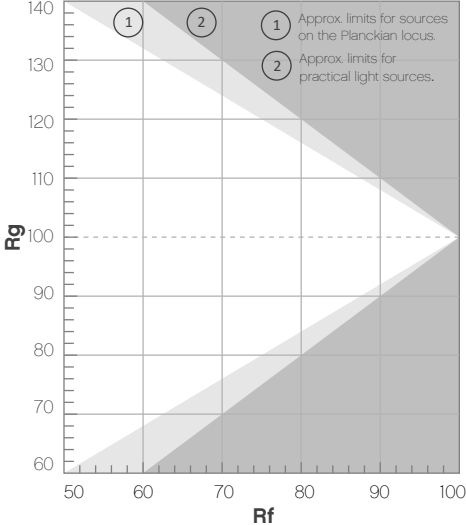
Fidelity Index
(Rg)

Rg 0.0

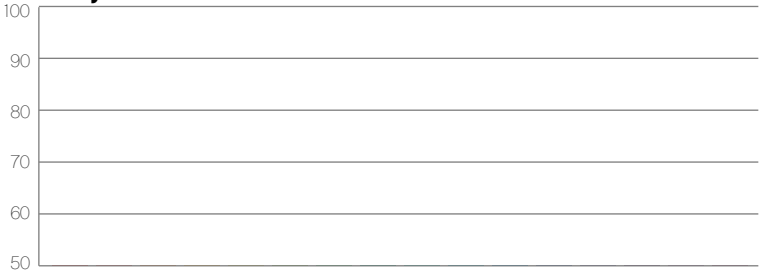
Gammut Index
(Rg)



		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%



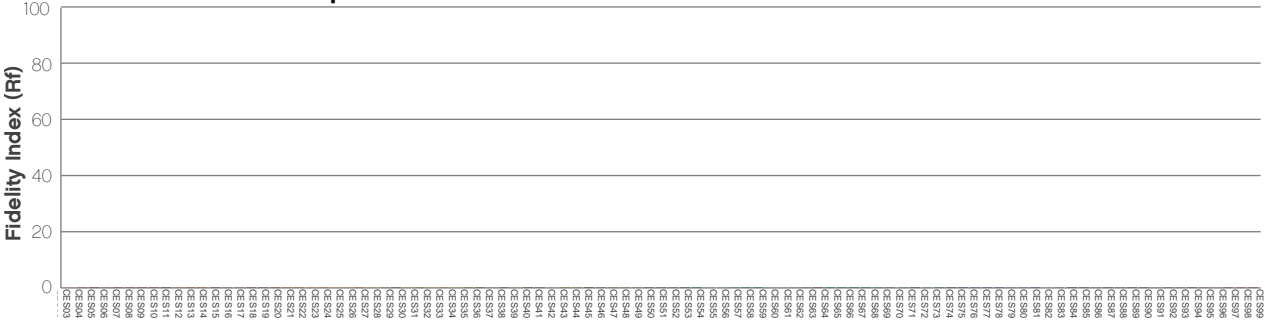
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Amber Only-Single Pod

Report Summary

Measurements

Fixture Output: 1177 lm
Fixture Peak: 3573 cd
Fixture Efficacy: 41 lm/W
Intensity @ 5m: 143 lux
Color Temperature: 1825 K
CRI: 53.4 CRI R9 Value: -71.9
CQS: 49.9
TLCI: 23
TM-30 Rf: 59.8
TM-30 Rg: 86.1
Beam Angle (50%): 30.7°
Field Angle (10%): 48.2°
Cutoff Angle (3%): 78°

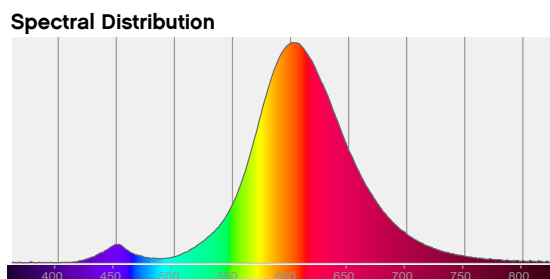
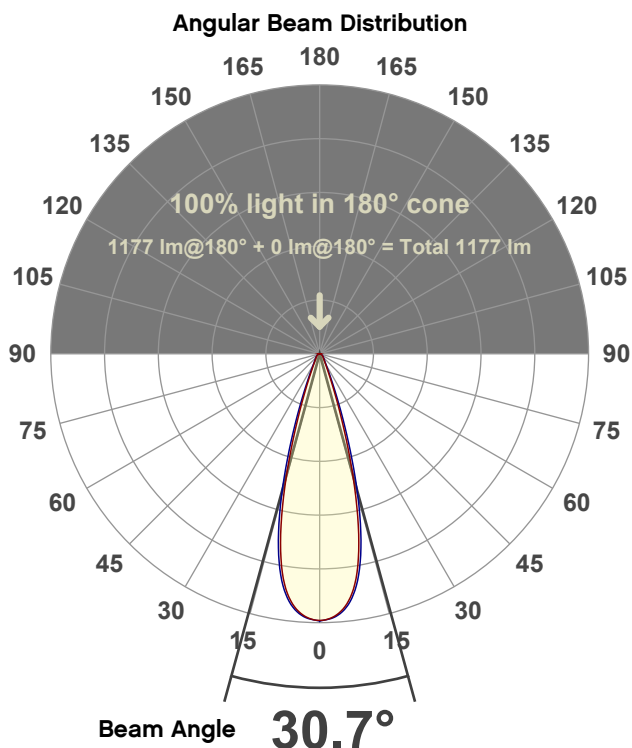


Conditions

AC Supply: 119 V, 60 Hz
Power: 51.97 W
Current: 0.436 A
Power Factor: 0.55

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.548

Y: 0.411



Light Quality

CRI: 53.4

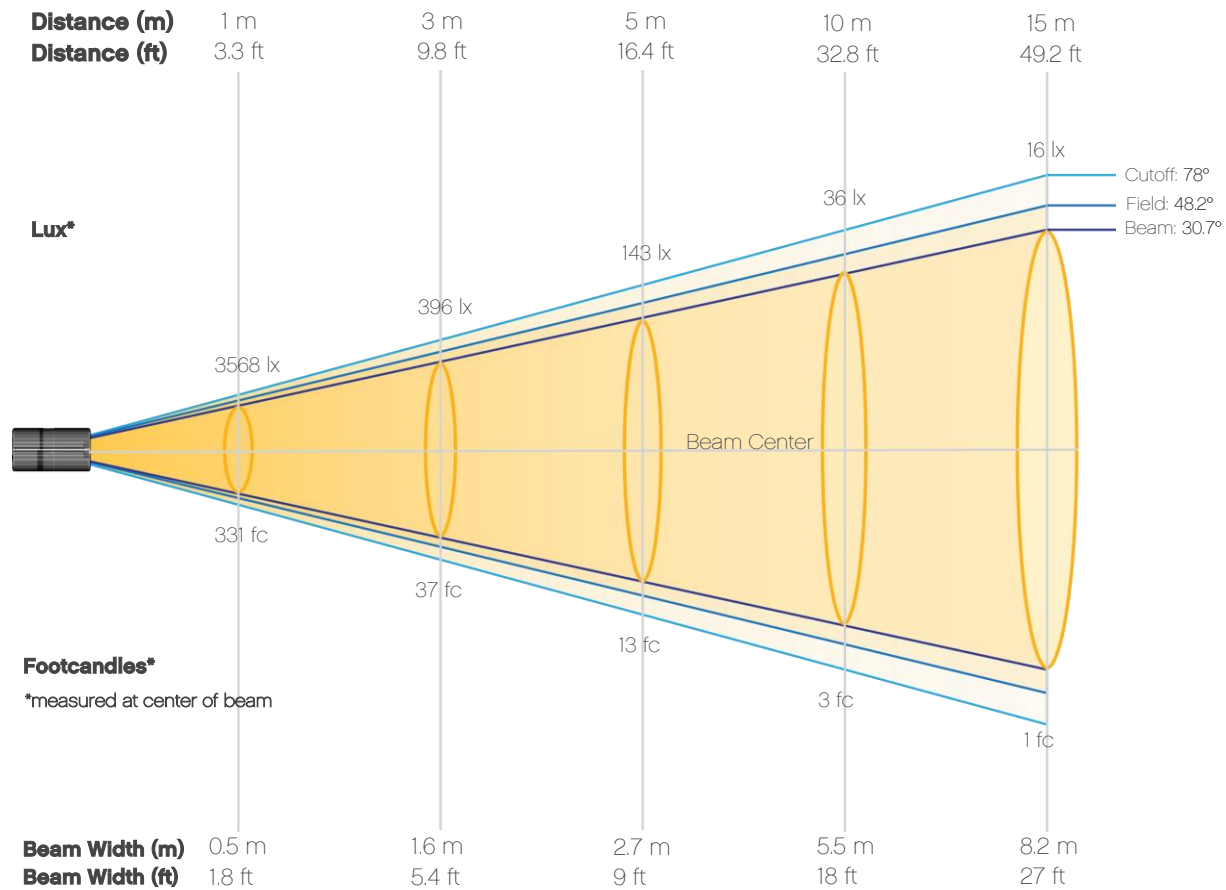
Color Temperature

1825 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Amber Only-Single Pod

Beam Details

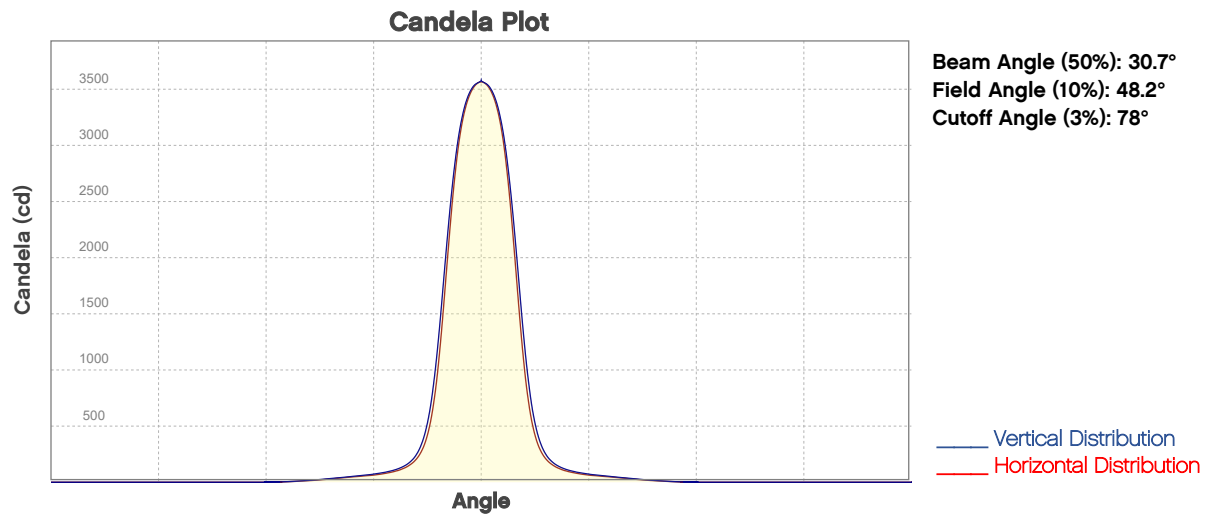


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3568	892	396	223	143	99	73	56	44	36
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	29	25	21	18	16	14	12	11	10	9
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	331	83	37	21	13	9	7	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	3	2	2	2	1	1	1	1	1	1

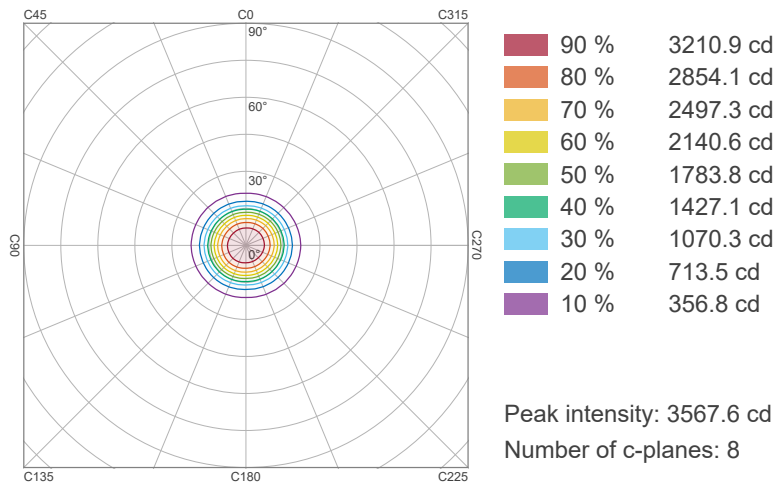
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - Amber Only-Single Pod

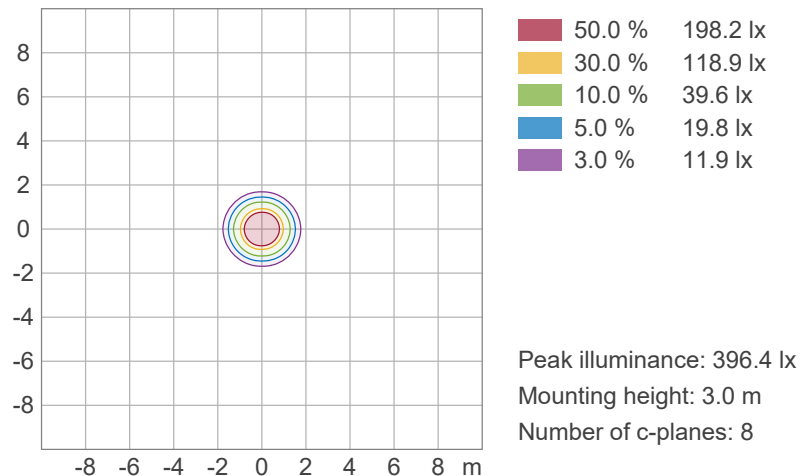


ISO Diagrams

ISO Candela Diagram



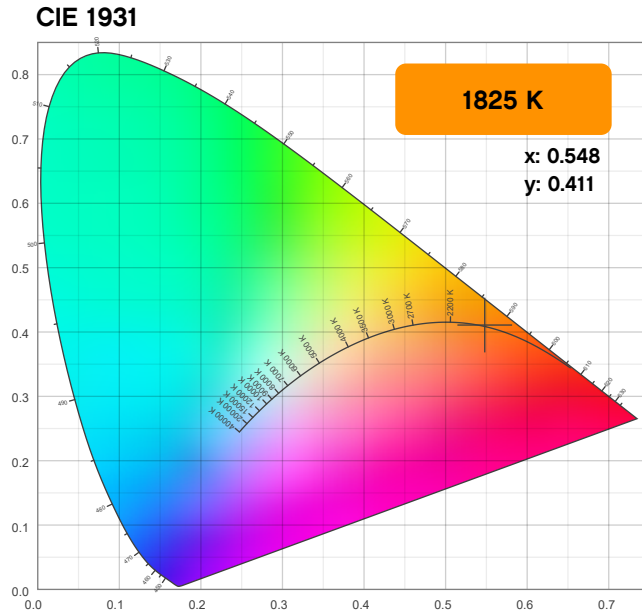
ISO Lux Diagram



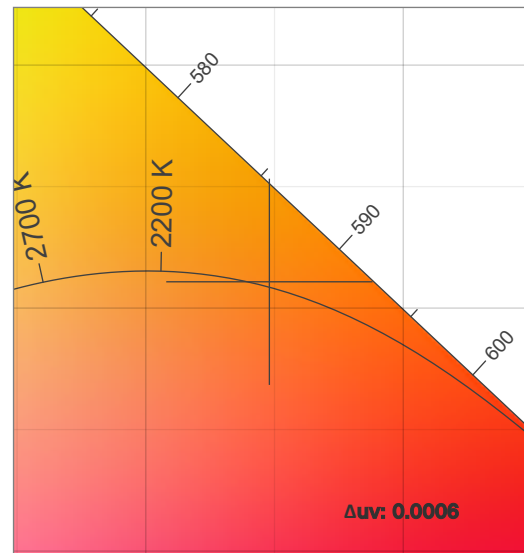
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Amber Only-Single Pod

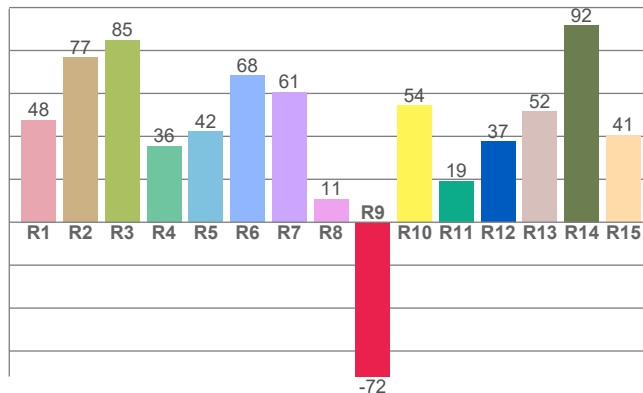
Chromaticity



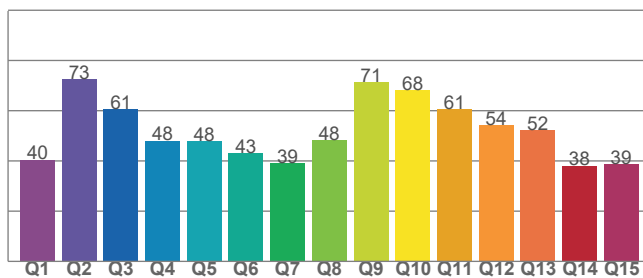
CIE 1931 - Zoom



CRI: 53.4 (R1-R8)



CQS: 49.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1825 K	0.548	0.411

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0006	0.411	0.321

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
53.4	-71.9	49.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
23	59.8	86.1

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - Amber Only-Single Pod

TM-30 Details

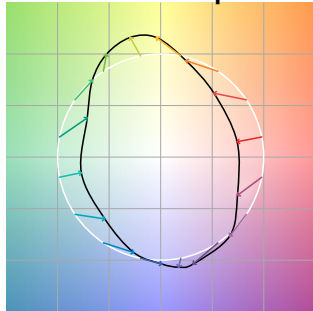
Rf 59.8

Fidelity Index
(Rg)

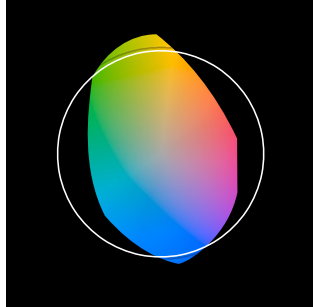
Rg 86.1

Gammut Index
(Rg)

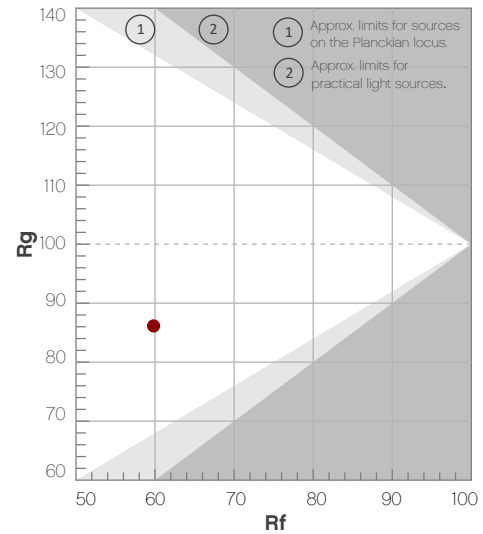
Color Vector Graphic



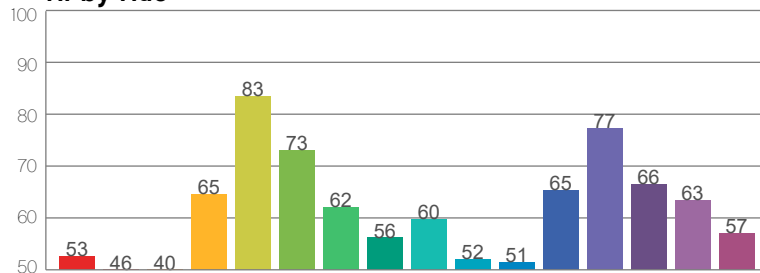
Color Distortion Graphic



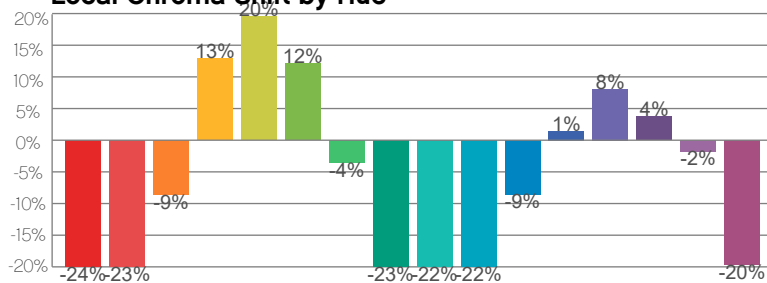
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	53	-24%	0%
2	46	-23%	23%
3	40	-9%	32%
4	65	13%	27%
5	83	20%	6%
6	73	12%	-12%
7	62	-4%	-25%
8	56	-23%	-23%
9	60	-22%	0%
10	52	-22%	20%
11	51	-9%	30%
12	65	1%	21%
13	77	8%	-4%
14	66	4%	-31%
15	63	-2%	-27%
16	57	-20%	-22%



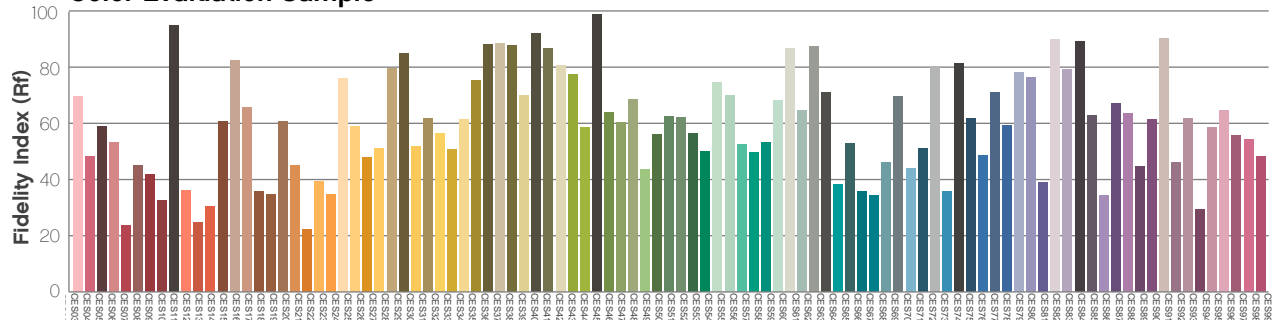
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - White Only-Single Pod

Report Summary

Measurements

Fixture Output: 1462 lm
Fixture Peak: 4343 cd
Fixture Efficacy: 43 lm/W
Intensity @ 5m: 174 lux
Color Temperature: 6972 K
CRI: 74.0 CRI R9 Value: -21.4
CQS: 71.9
TLCI: 54
TM-30 Rf: 74.9
TM-30 Rg: 93.3
Beam Angle (50%): 30.9°
Field Angle (10%): 48.6°
Cutoff Angle (3%): 79.9°

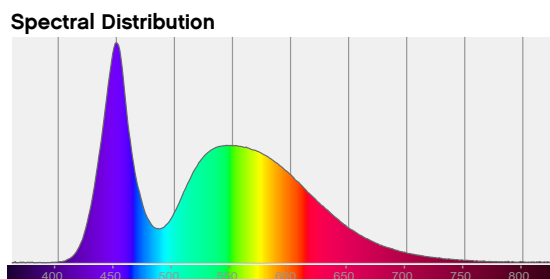
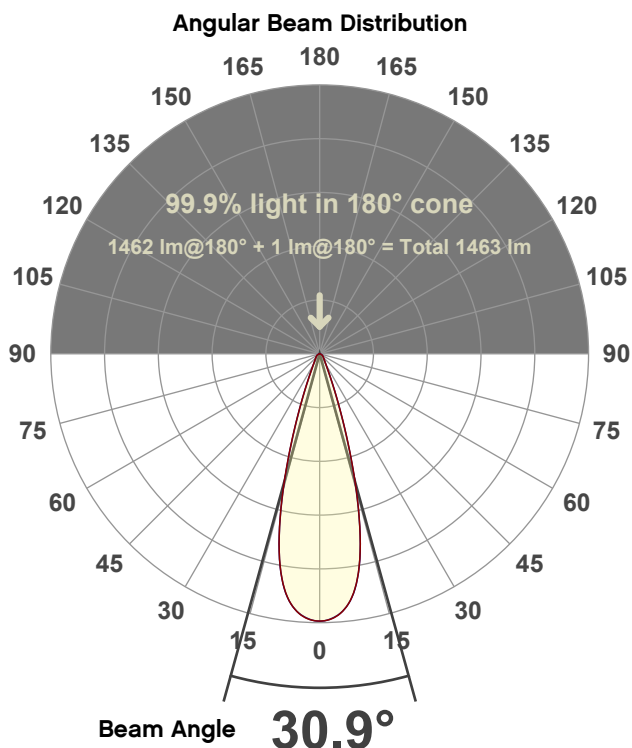


Conditions

AC Supply: 119 V, 60 Hz
Power: 39.09 W
Current: 0.328 A
Power Factor: 0.87

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 4/17/2025 to LM-63-2002 Standards.

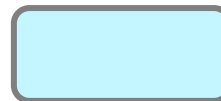
Overall Measurement



Tested Color (CIE 1931):

X: 0.306

Y: 0.323



Light Quality

CRI: 74.0

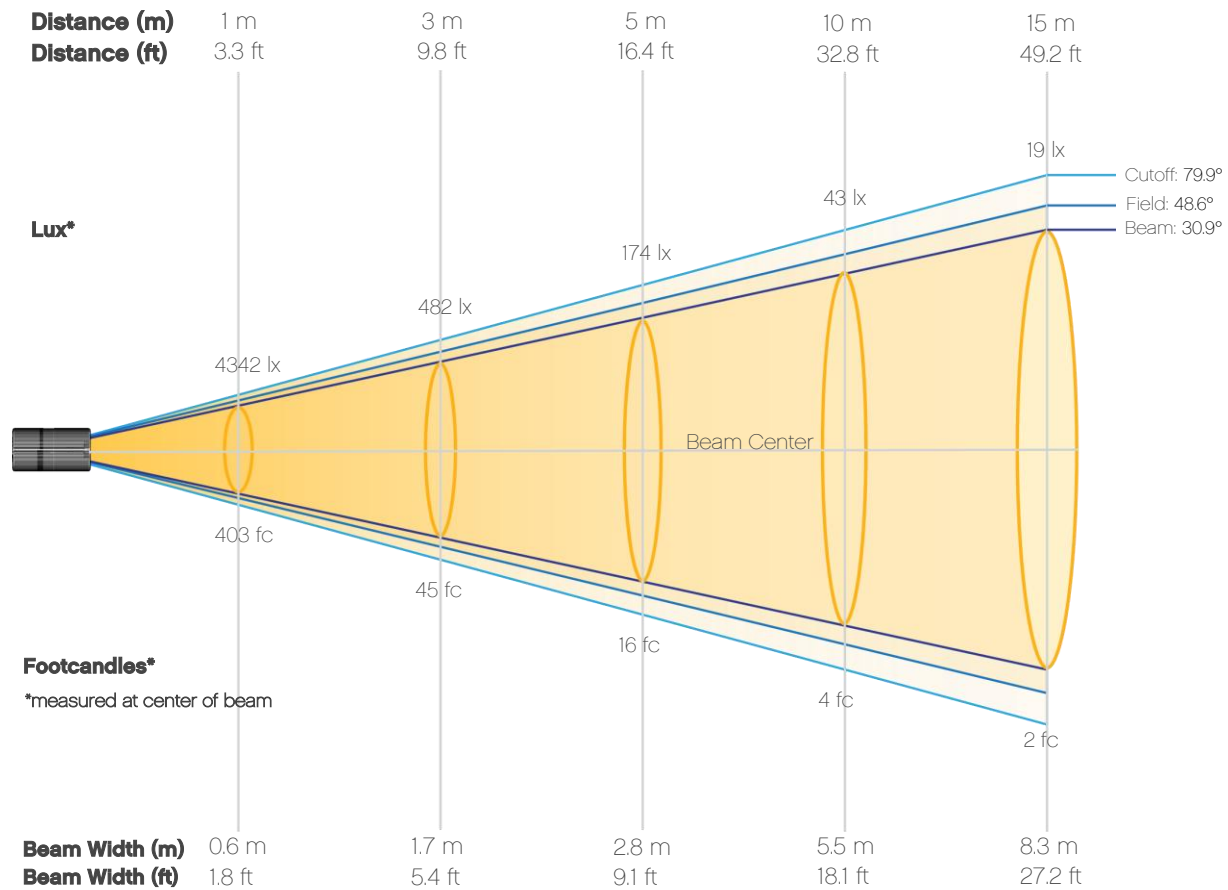
Color Temperature

6972 K

Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - White Only-Single Pod

Beam Details

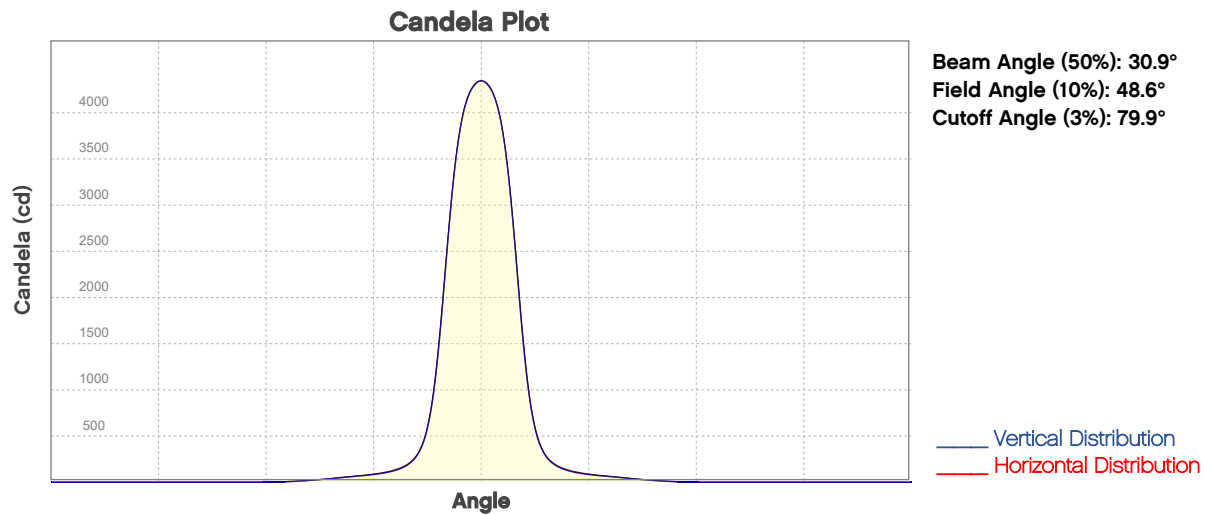


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4342	1085	482	271	174	121	89	68	54	43
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	36	30	26	22	19	17	15	13	12	11
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	403	101	45	25	16	11	8	6	5	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	2	1	1	1	1

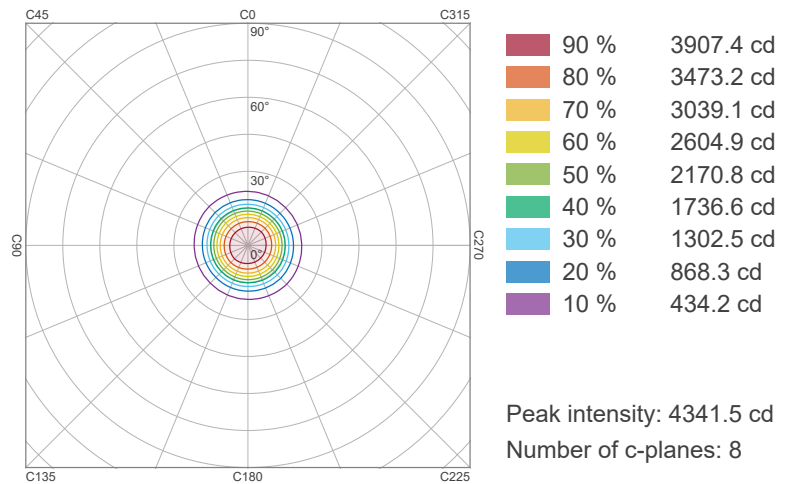
Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - White Only-Single Pod

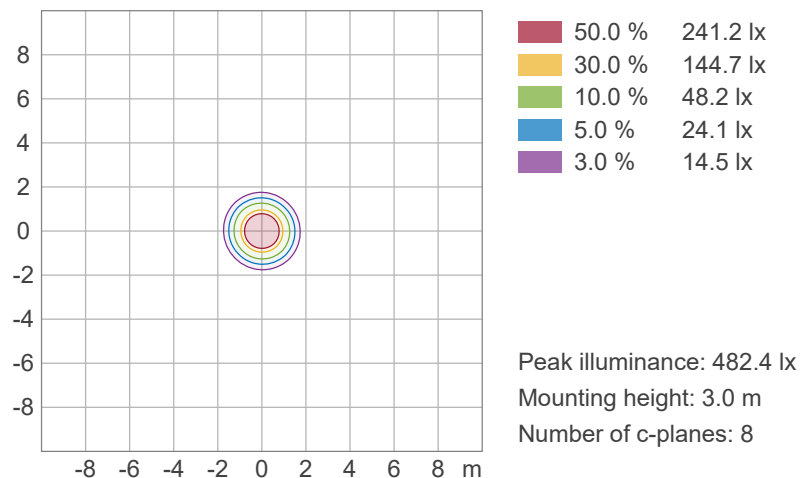


ISO Diagrams

ISO Candela Diagram



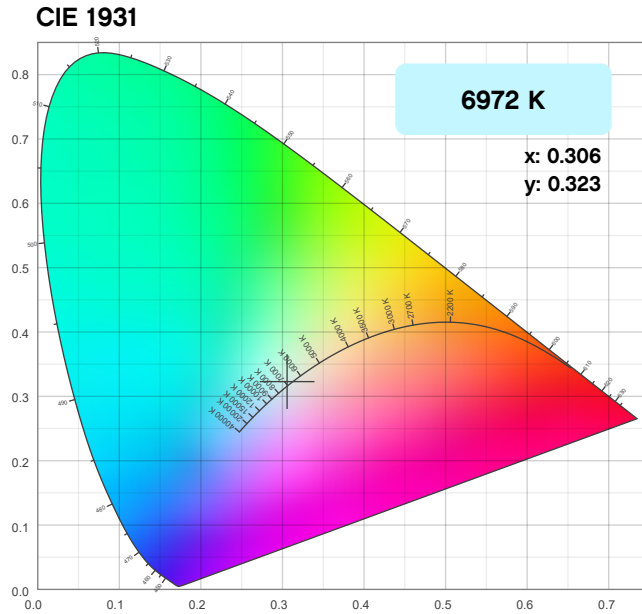
ISO Lux Diagram



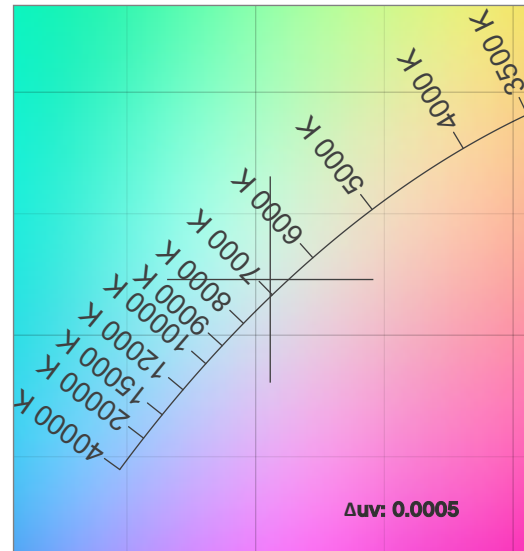
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - White Only-Single Pod

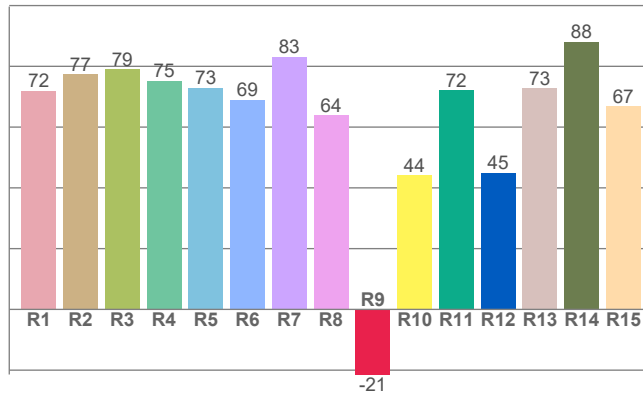
Chromaticity



CIE 1931 - Zoom



CRI: 74.0 (R1-R8)

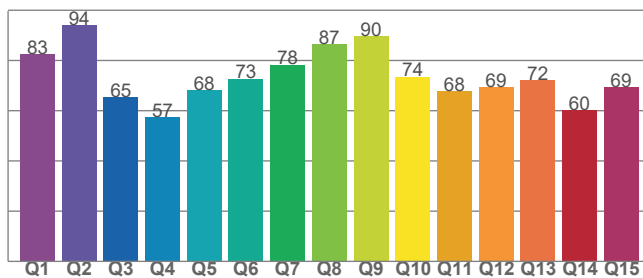


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6972 K	0.306	0.323

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0005	0.323	0.195

CQS: 71.9



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
74.0	-21.4	71.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
54	74.9	93.3

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - White Only-Single Pod

TM-30 Details

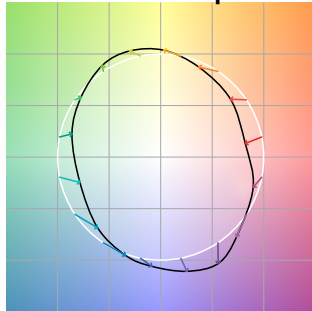
Rf 74.9

Fidelity Index
(Rg)

Rg 93.3

Gammut Index
(Rg)

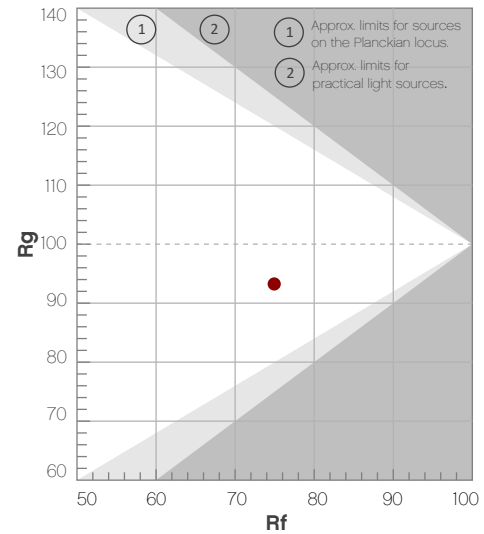
Color Vector Graphic



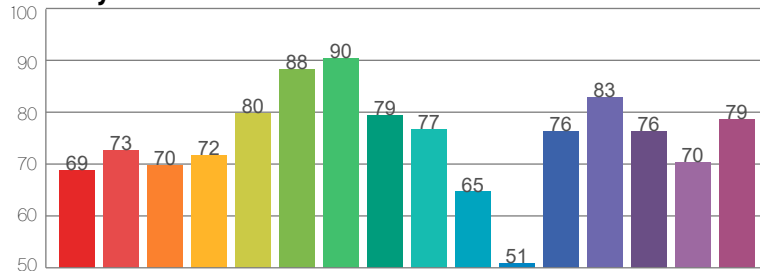
Color Distortion Graphic



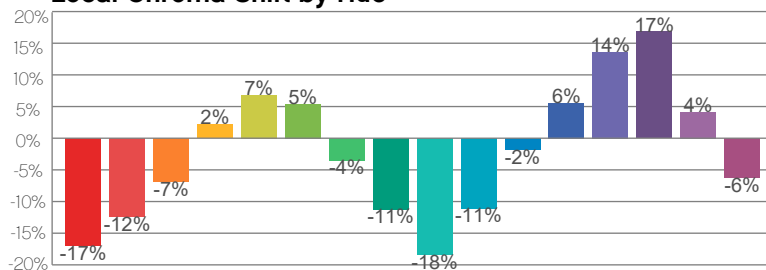
Hue Bin	Graphic shifts (%)		
	R _f	Chroma	Hue
1	69	-17%	-3%
2	73	-12%	9%
3	70	-7%	18%
4	72	2%	17%
5	80	7%	10%
6	88	5%	-3%
7	90	-4%	-5%
8	79	-11%	-5%
9	77	-18%	9%
10	65	-11%	23%
11	51	-2%	25%
12	76	6%	12%
13	83	14%	3%
14	76	17%	-11%
15	70	4%	-23%
16	79	-6%	-11%



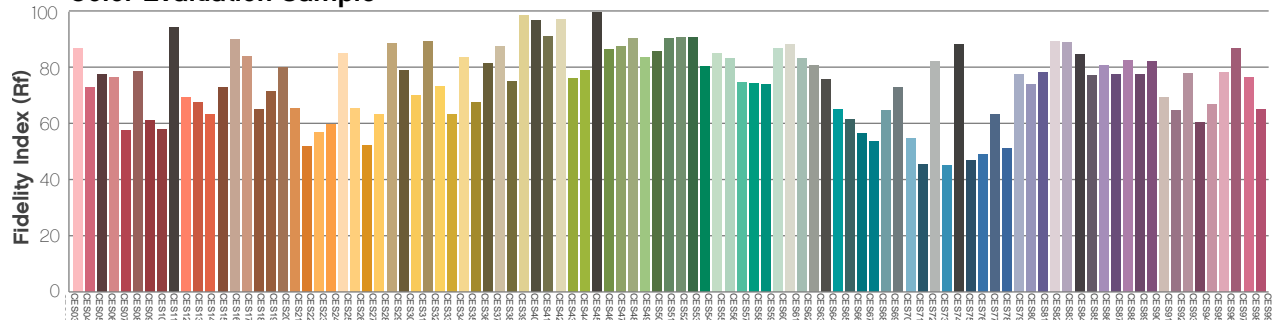
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

COLORDash Par Bar 4: Standard Optics-w/Wide Lens - UV Only-Single Pod

Report Summary

Measurements

Fixture Output: 68.0 lm
Fixture Peak: 204 cd
Fixture Efficacy: 4 lm/W
Intensity @ 5m: 8 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%): 30.6°
Field Angle (10%): 47.8°
Cutoff Angle (3%): 83.1°

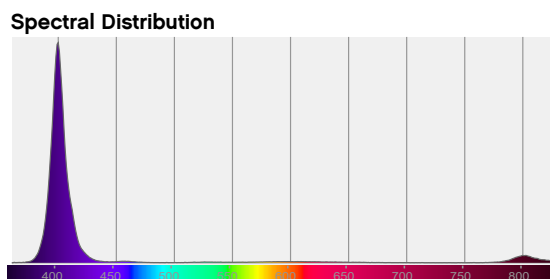
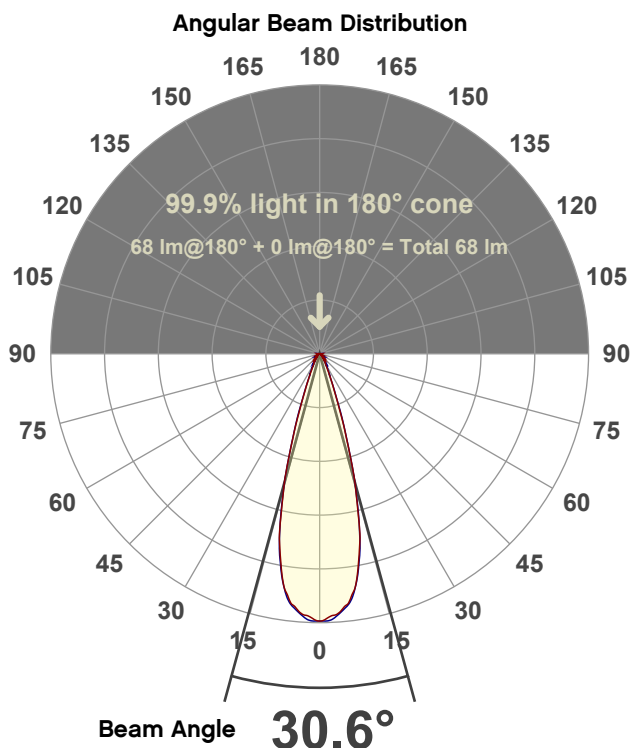


Conditions

AC Supply: 119 V, 60 Hz
Power: 27.11 W
Current: 0.228 A
Power Factor: 0.72

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 4/17/2025 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.239

Y: 0.107



Light Quality

CRI: 0.0

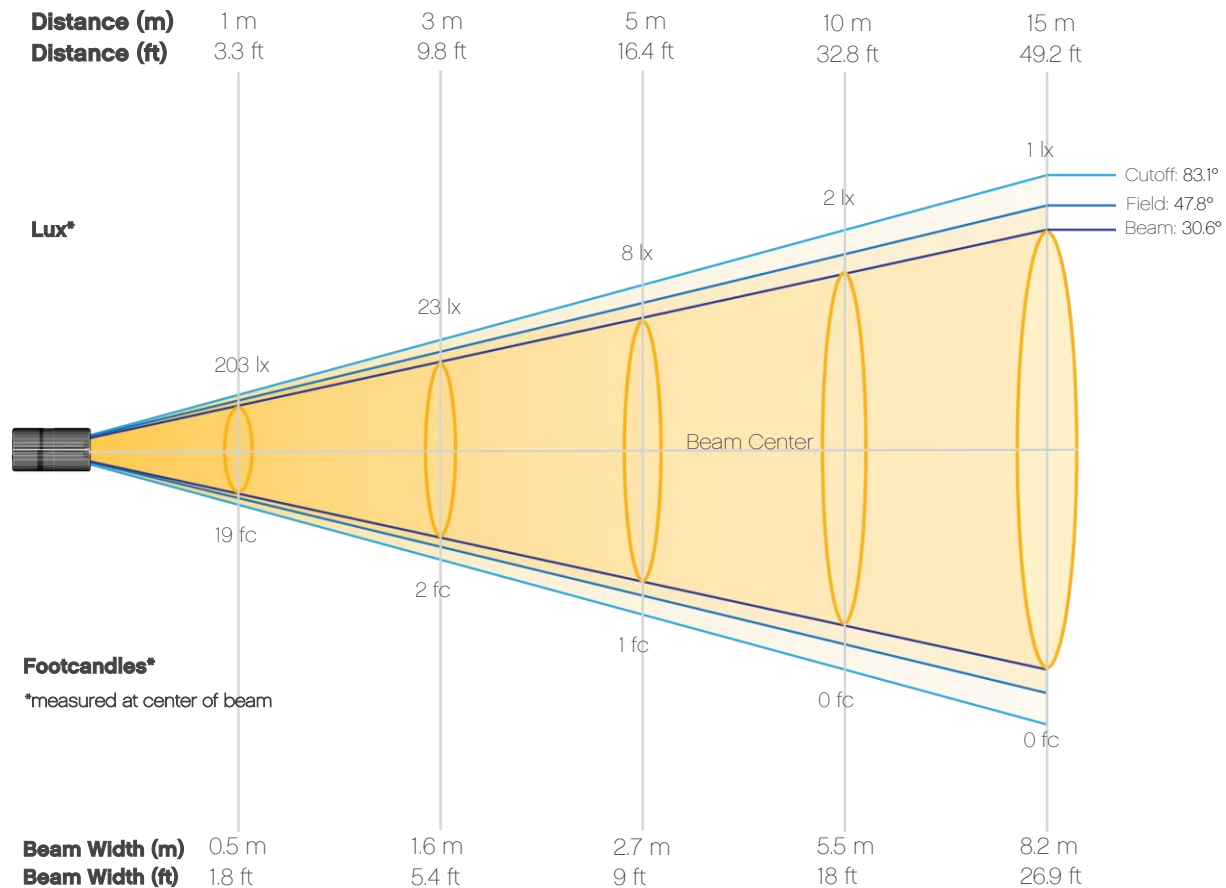
Color Temperature

0 K

Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - UV Only-Single Pod

Beam Details

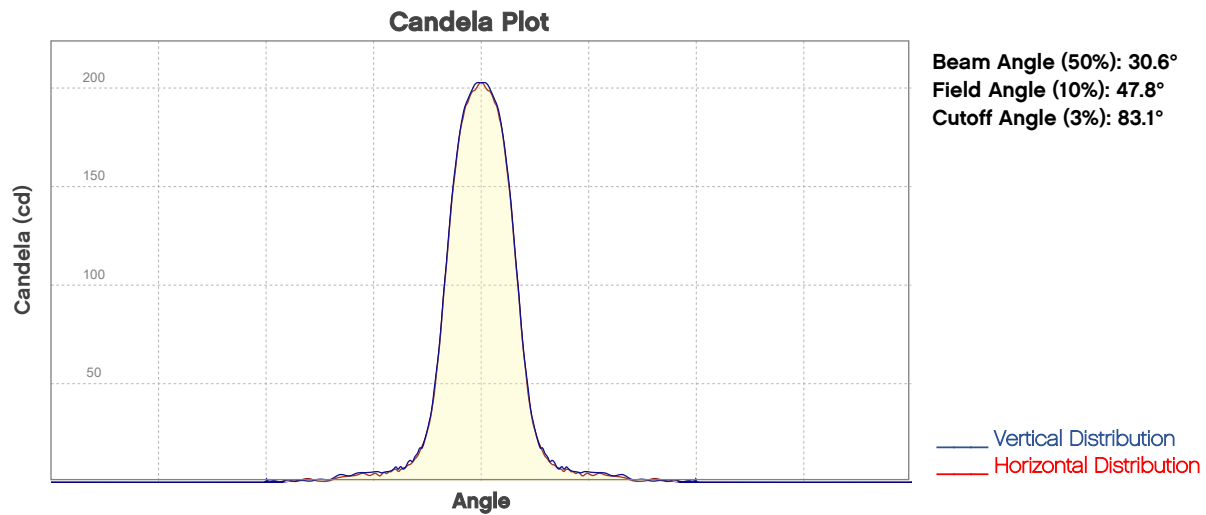


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	203	51	23	13	8	6	4	3	3	2
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2	1	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	19	5	2	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

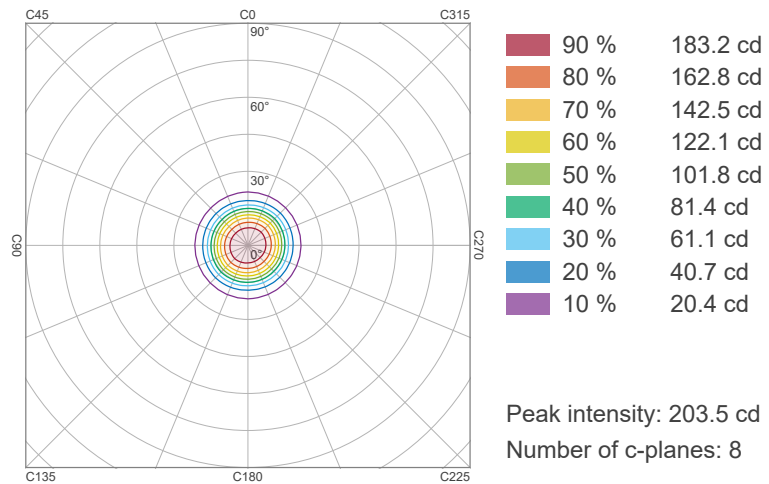
Photometric & Chromaticity Report

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - UV Only-Single Pod

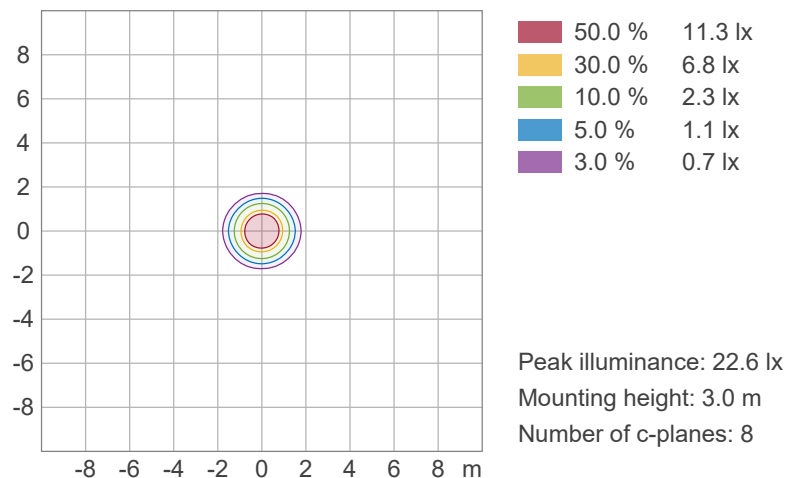


ISO Diagrams

ISO Candela Diagram

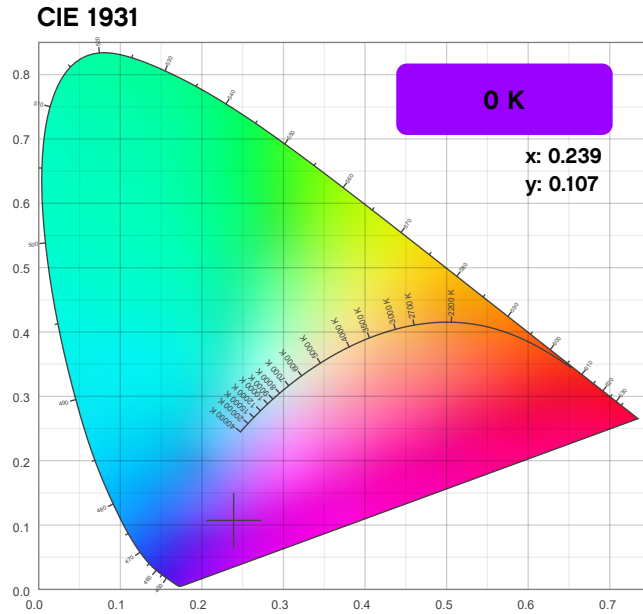


ISO Lux Diagram

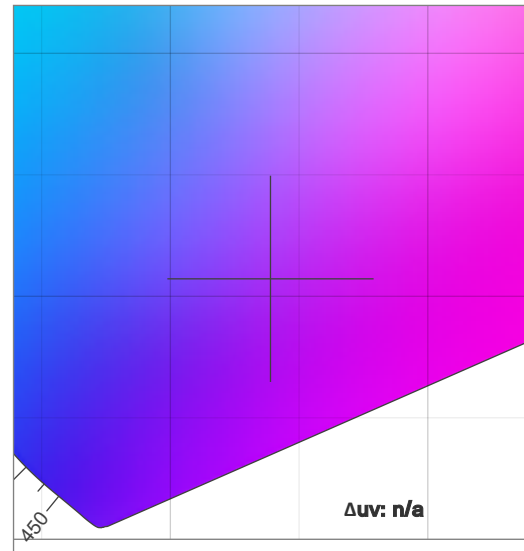


COLORdash Par Bar 4: Standard Optics-w/Wide Lens - UV Only-Single Pod

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

CQS: 0.0

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.239	0.107

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{uv}	y	u
n/a	0.107	0.251

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

COLORdash Par Bar 4: Standard Optics-w/Wide Lens - UV Only-Single Pod

TM-30 Details

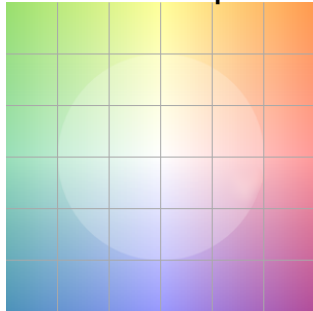
Rf 0.0

Fidelity Index
(Rg)

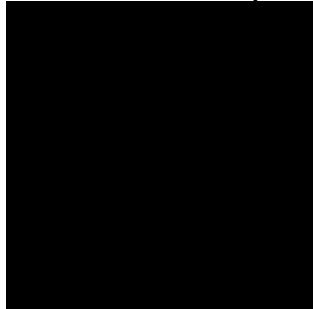
Rg 0.0

Gammut Index
(Rg)

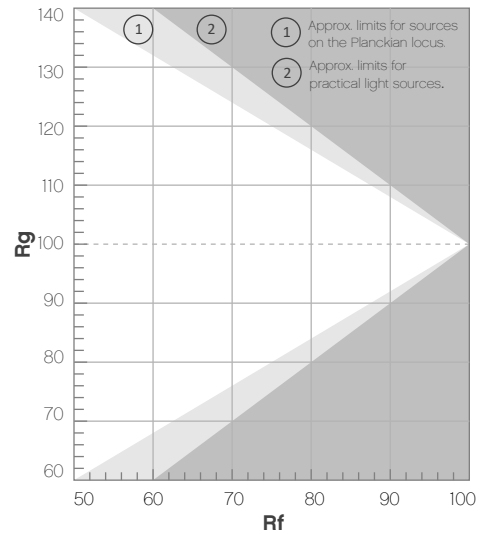
Color Vector Graphic



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



Contact Us

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Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvet.com.mx Website: www.chauvetdj.mx

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

