

OVATION P-56FC

PHOTOMETRICS REPORT



CHAUVENT
PROFESSIONAL

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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.

OVATION
P-56FC

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Full Power

Report Summary

Measurements

Fixture Output: 7320 lm
Fixture Peak: 85132 cd
Fixture Efficacy: 41 lm/W
Intensity @ 5m: 3404 lux
Color Temperature: 6036 K
CRI: 65.9 CRI R9 Value: -29.3
CQS: 76.4
TLCI: 63
TM-30 Rf: 66.5
TM-30 Rg: 124.9
Beam Angle (50%): 12.9°
Field Angle (10%): 24.9°
Cutoff Angle (3%): 37.4°

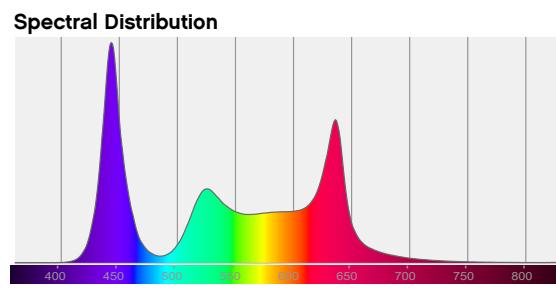
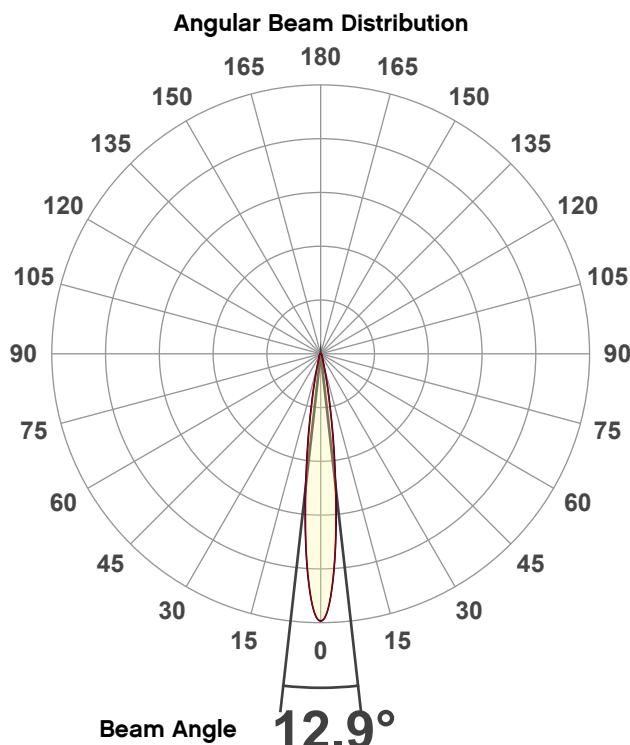


Conditions

AC Supply: 115 V, 60 Hz
Power: 178.77 W
Current: 1.56 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.326
Y: 0.274

Light Quality



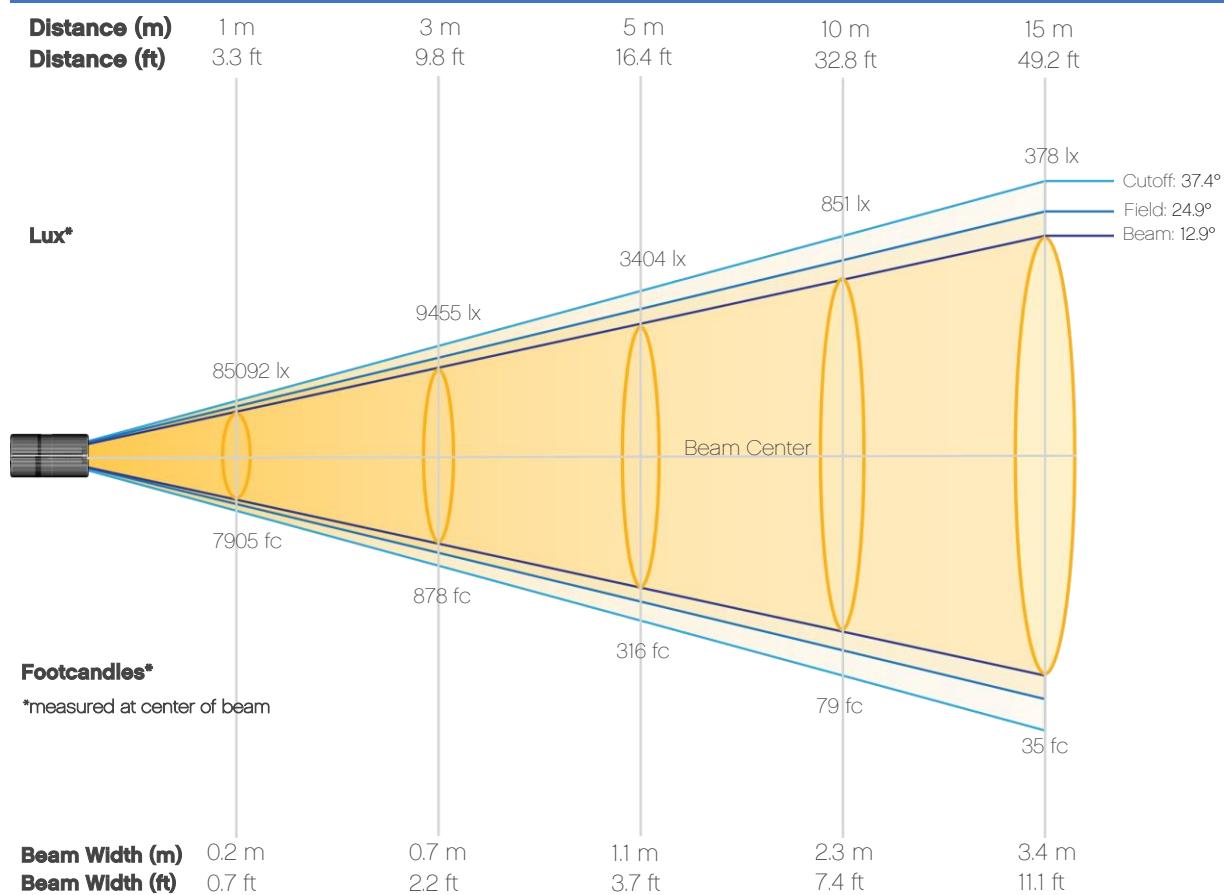
Color Temperature



Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Full Power

Beam Details



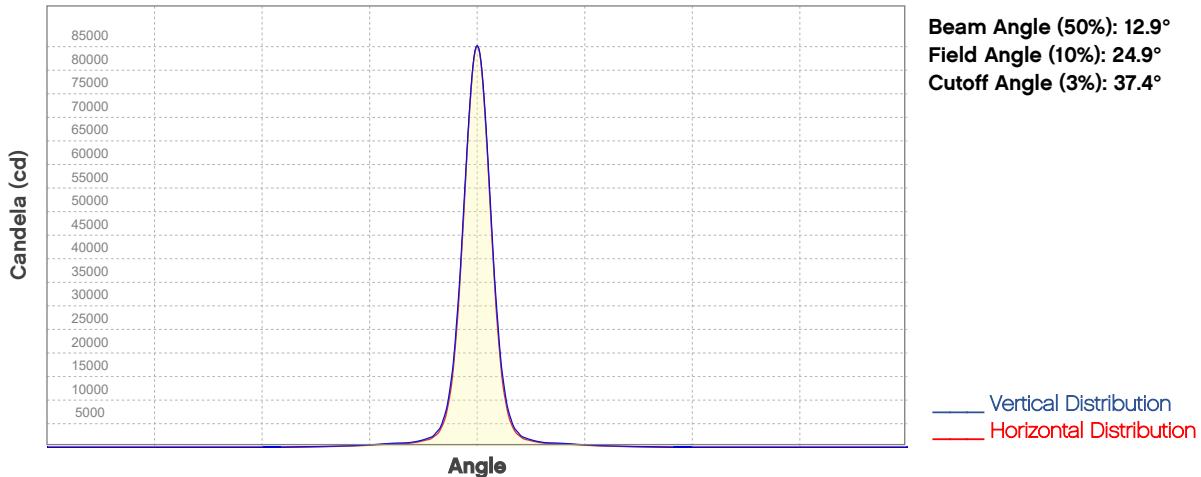
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	85092	21273	9455	5318	3404	2364	1737	1330	1051	851
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	703	591	504	434	378	332	294	263	236	213
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7905	1976	878	494	316	220	161	124	98	79
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	65	55	47	40	35	31	27	24	22	20

Photometric & Chromaticity Report

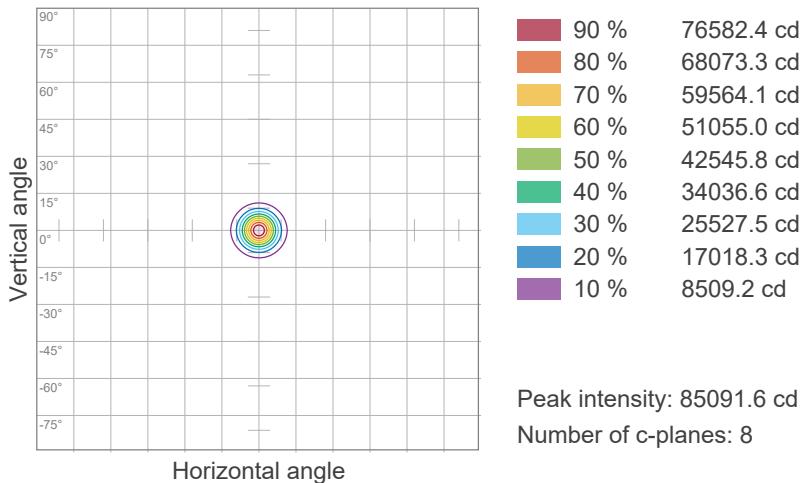
Ovation P-56FC-2: Narrow LENS - Full Power

Candela Plot

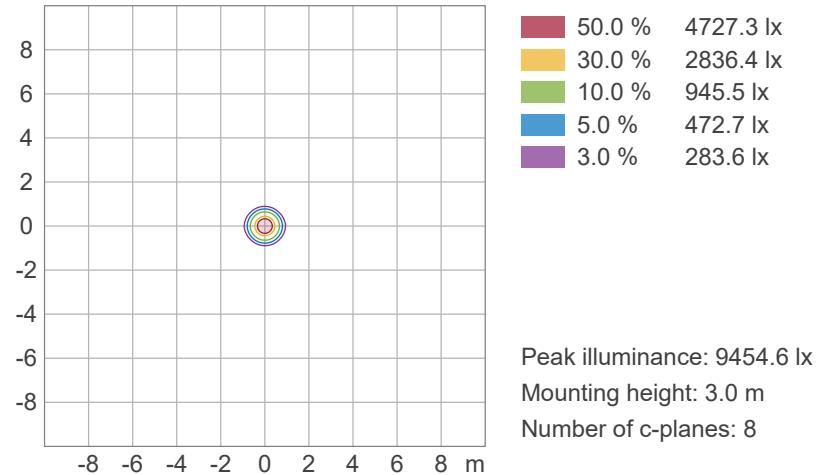


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

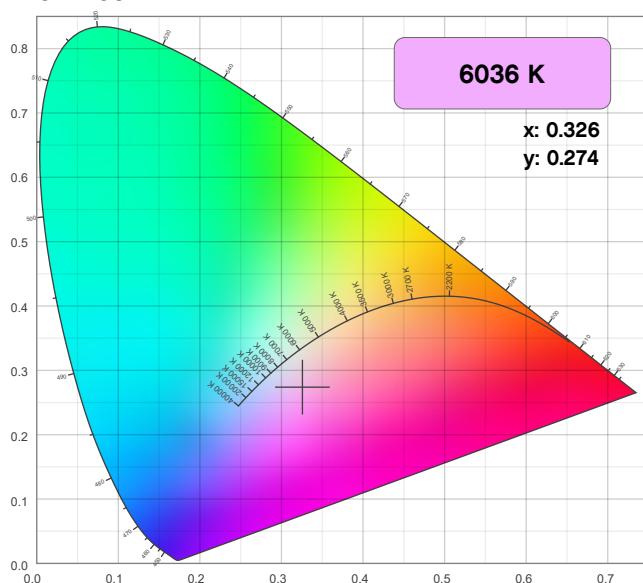


Photometric & Chromaticity Report

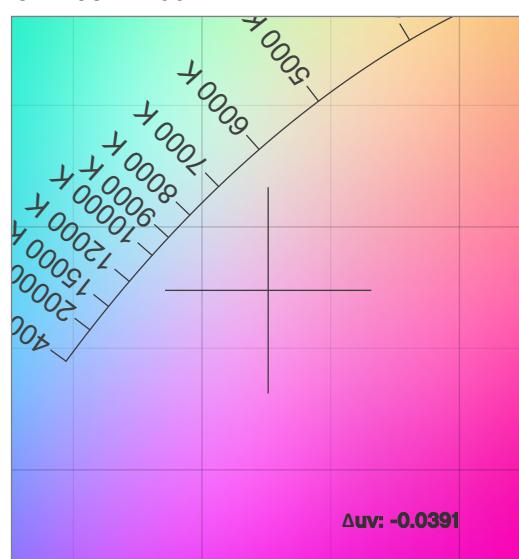
Ovation P-56FC-2: Narrow LENS - Full Power

Chromaticity

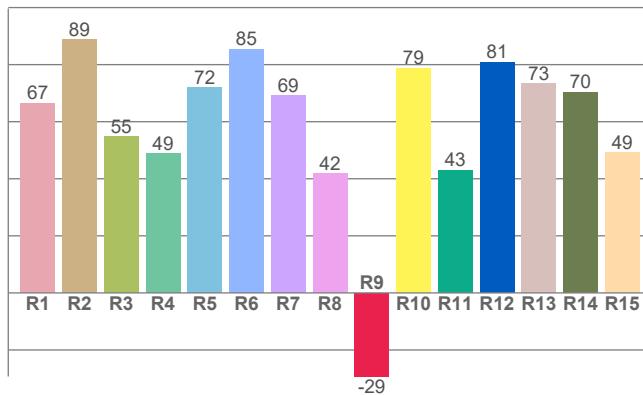
CIE 1931



CIE 1931 - Zoom



CRI: 65.9 (R1-R8)

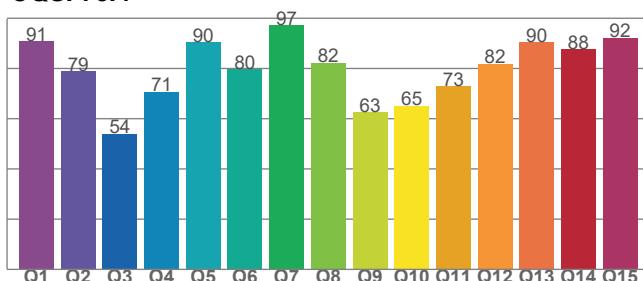


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6036 K	0.326	0.274

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0391	0.274	0.231

CQS: 76.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.9	-29.3	76.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
63	66.5	124.9

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Full Power

TM-30 Details

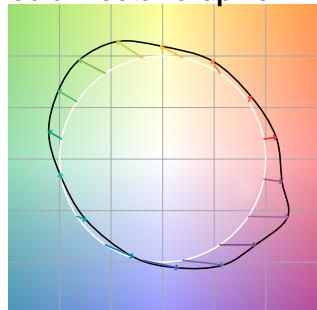
Rf 66.5

Fidelity Index
(Rg)

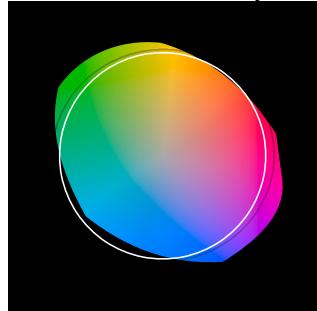
Rg 124.9

Gammut Index
(Rg)

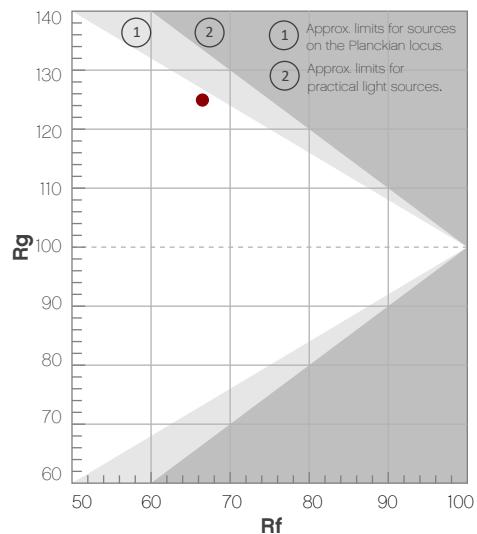
Color Vector Graphic



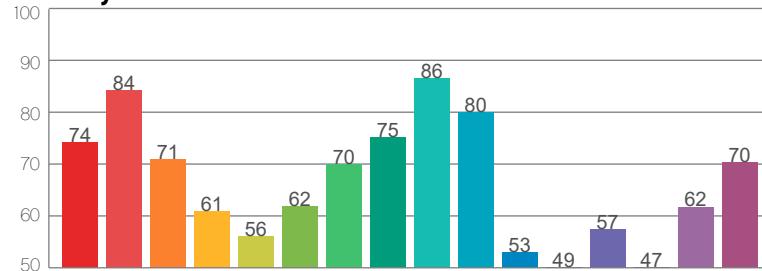
Color Distortion Graphic



Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	74	12%	-1%
2	84	5%	3%
3	71	6%	13%
4	61	7%	23%
5	56	20%	21%
6	62	25%	14%
7	70	21%	1%
8	75	14%	-5%
9	86	1%	-6%
10	80	-5%	7%
11	53	-5%	29%
12	49	1%	35%
13	57	12%	37%
14	47	19%	29%
15	62	32%	20%
16	70	18%	1%



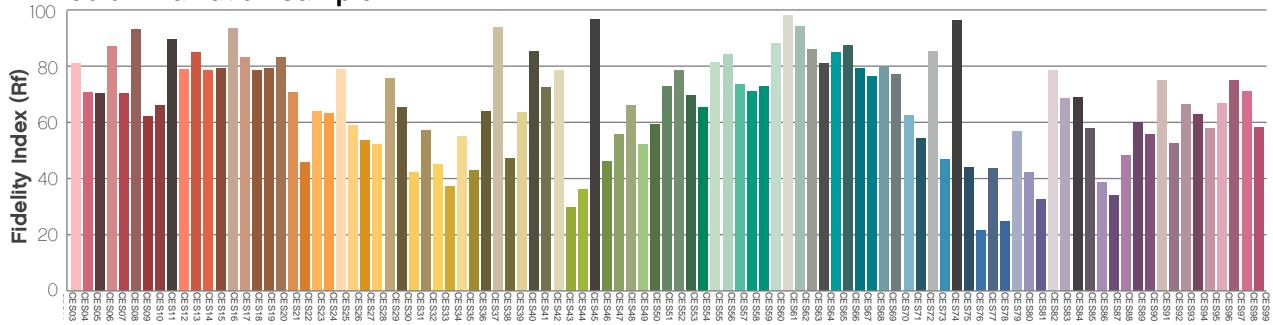
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Chauvet Professional – www.chauvetprofessional.com

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All product specifications, measurements and dimensions are subject to change without notice

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Red

Report Summary

Measurements

Fixture Output: 1274 lm
Fixture Peak: 15329 cd
Fixture Efficacy: 34 lm/W
Intensity @ 5m: 613 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%): 12.6°
Field Angle (10%): 24.6°
Cutoff Angle (3%): 36.7°

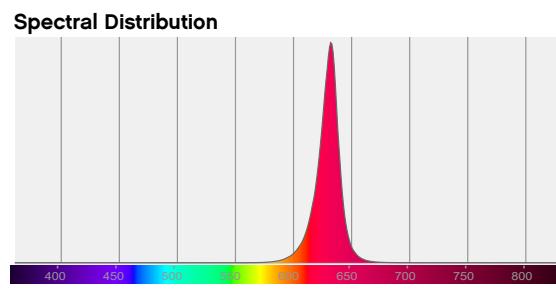
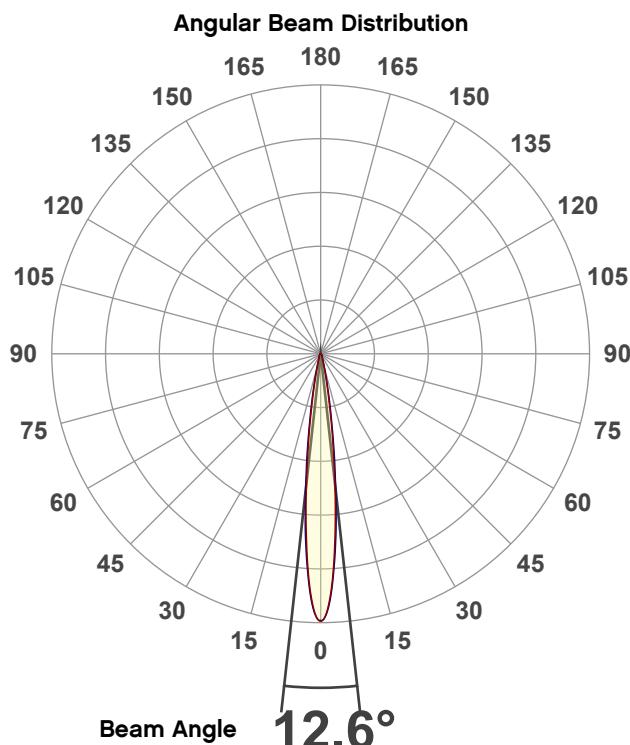
Conditions

AC Supply: 117 V, 60 Hz
Power: 38.82 W
Current: 0.331 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.695
Y: 0.304

Light Quality

CRI: 0.0

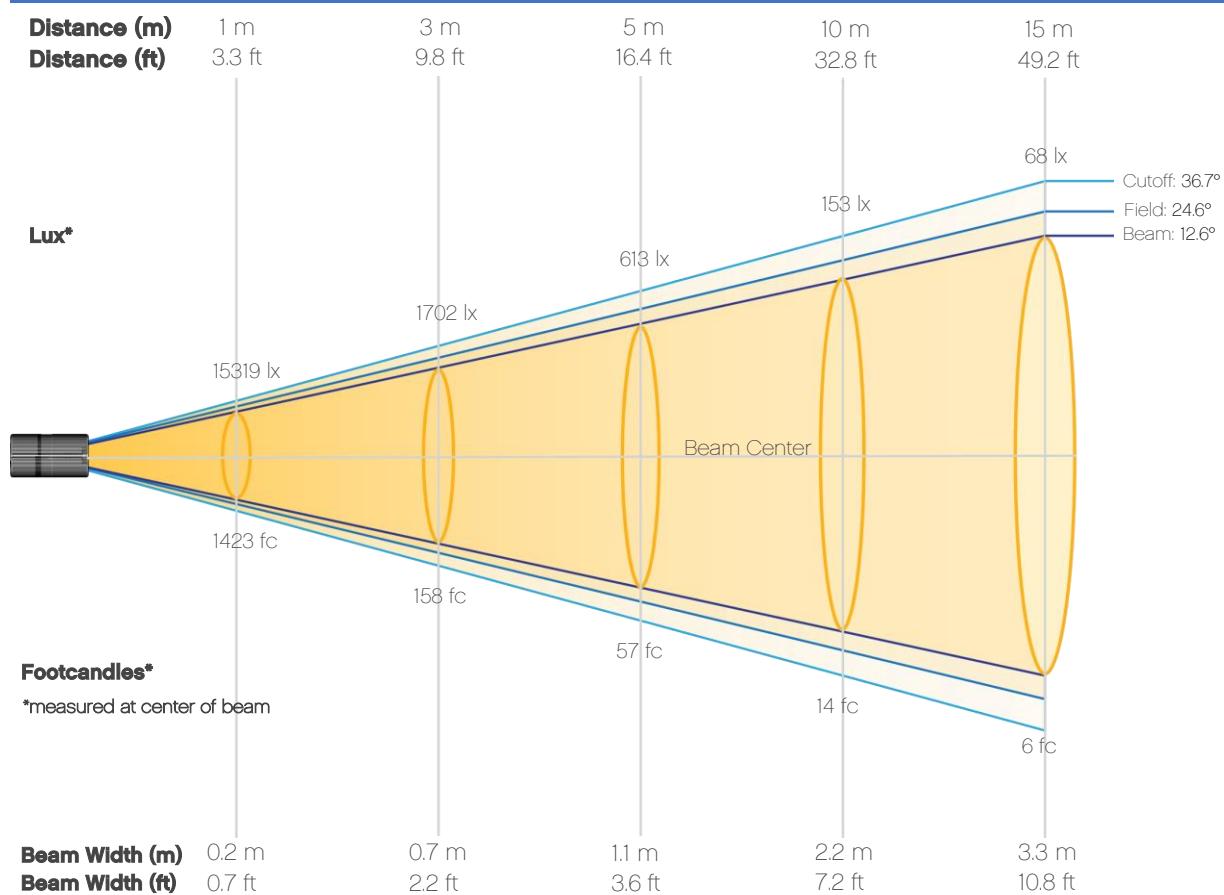
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Red

Beam Details



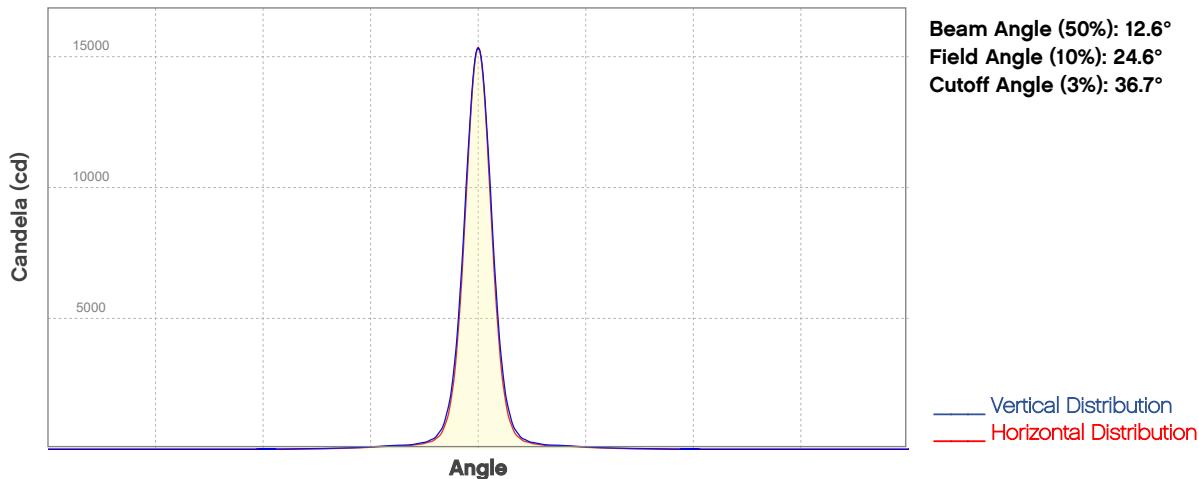
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15319	3830	1702	957	613	426	313	239	189	153
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	127	106	91	78	68	60	53	47	42	38
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1423	356	158	89	57	40	29	22	18	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	6	5	4	4	4

Photometric & Chromaticity Report

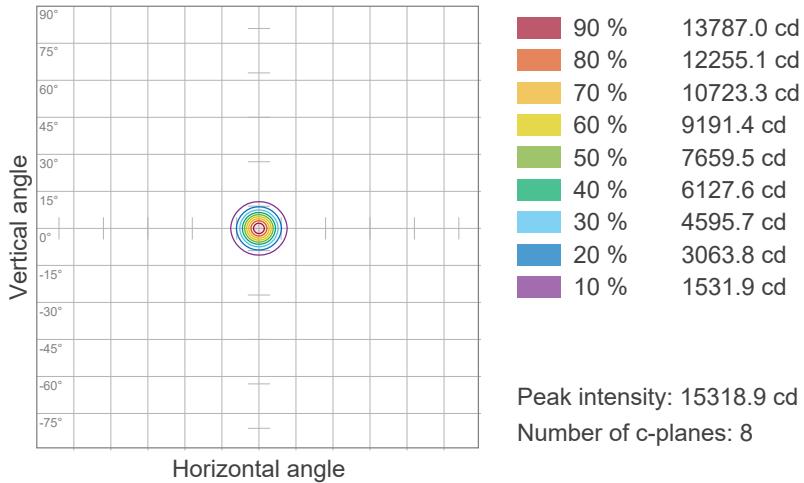
Ovation P-56FC-2: Narrow LENS - Red

Candela Plot

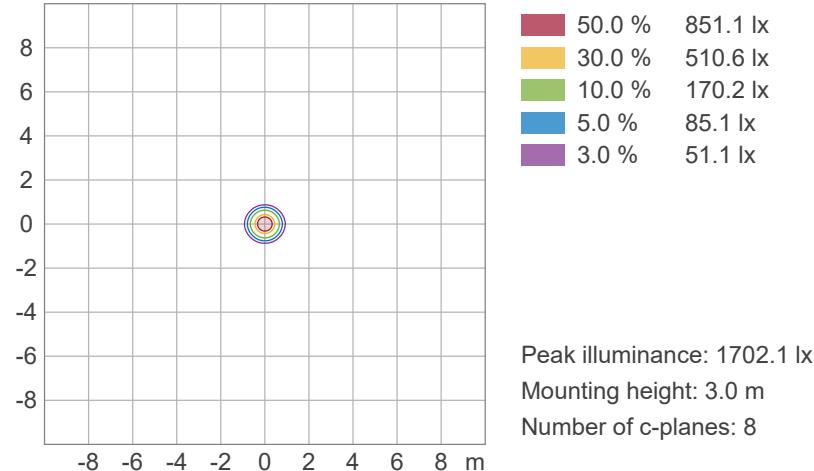


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

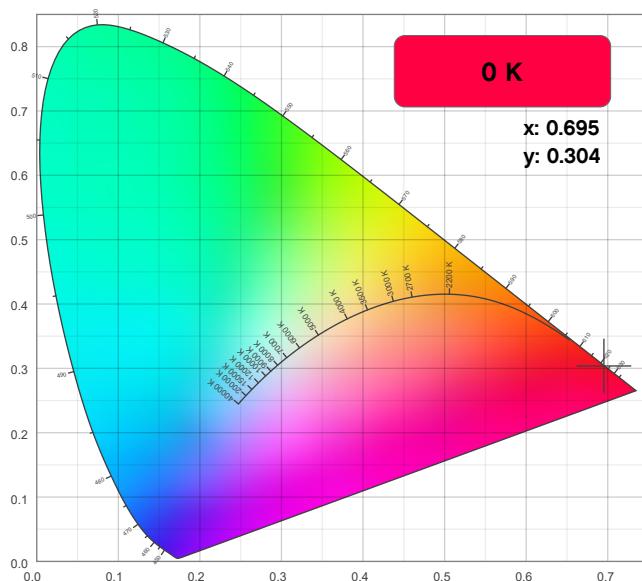


Photometric & Chromaticity Report

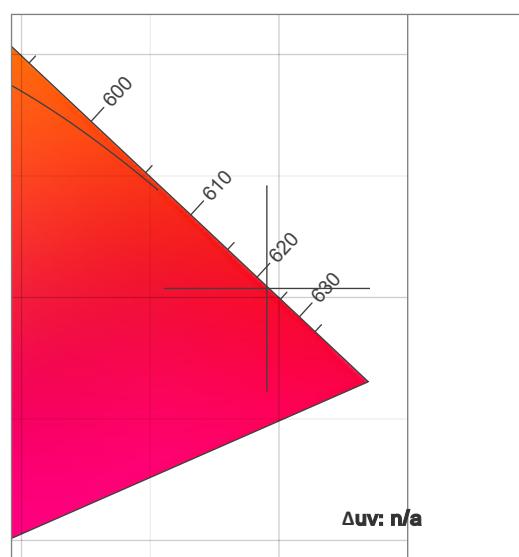
Ovation P-56FC-2: Narrow LENS - Red

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.695	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.304	0.529

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

Ovation P-56FC-2: Narrow LENS - Red

TM-30 Details

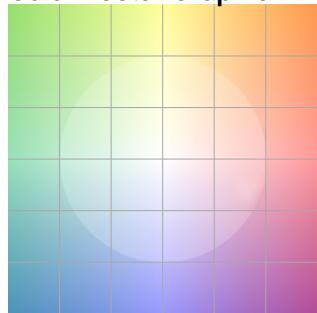
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

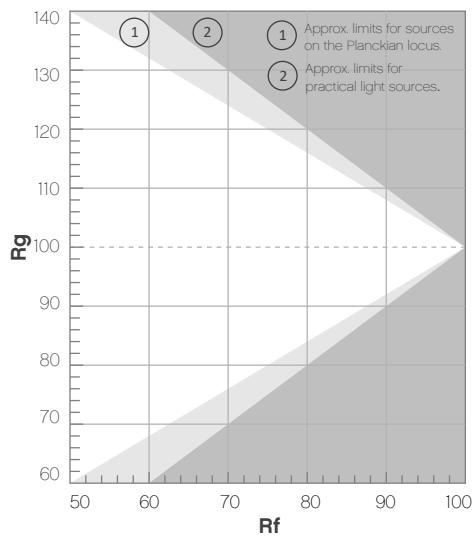
Color Vector Graphic



Color Distortion Graphic



Hue Bin	R _f	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%



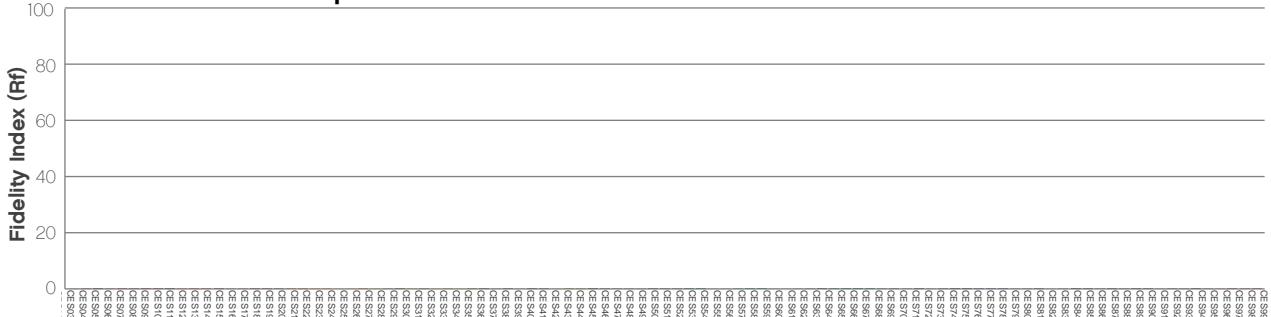
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Green

Report Summary

Measurements

Fixture Output: 2170 lm
Fixture Peak: 26301 cd
Fixture Efficacy: 49 lm/W
Intensity @ 5m: 1051 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%): 12.5°
Field Angle (10%): 24.5°
Cutoff Angle (3%): 36.9°

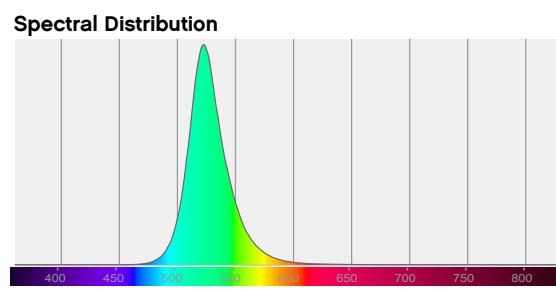
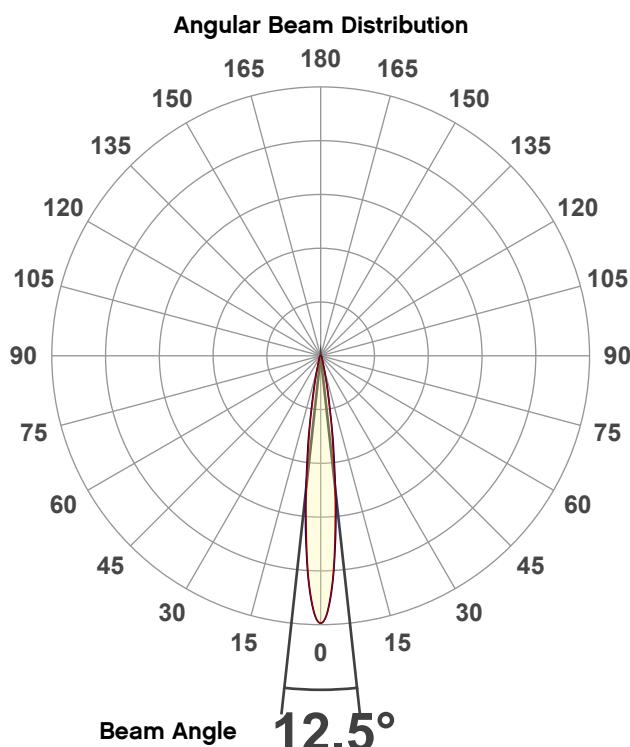


Conditions

AC Supply: 116 V, 60 Hz
Power: 45.21 W
Current: 0.388 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.183
Y: 0.733

Light Quality

CRI: 0.0

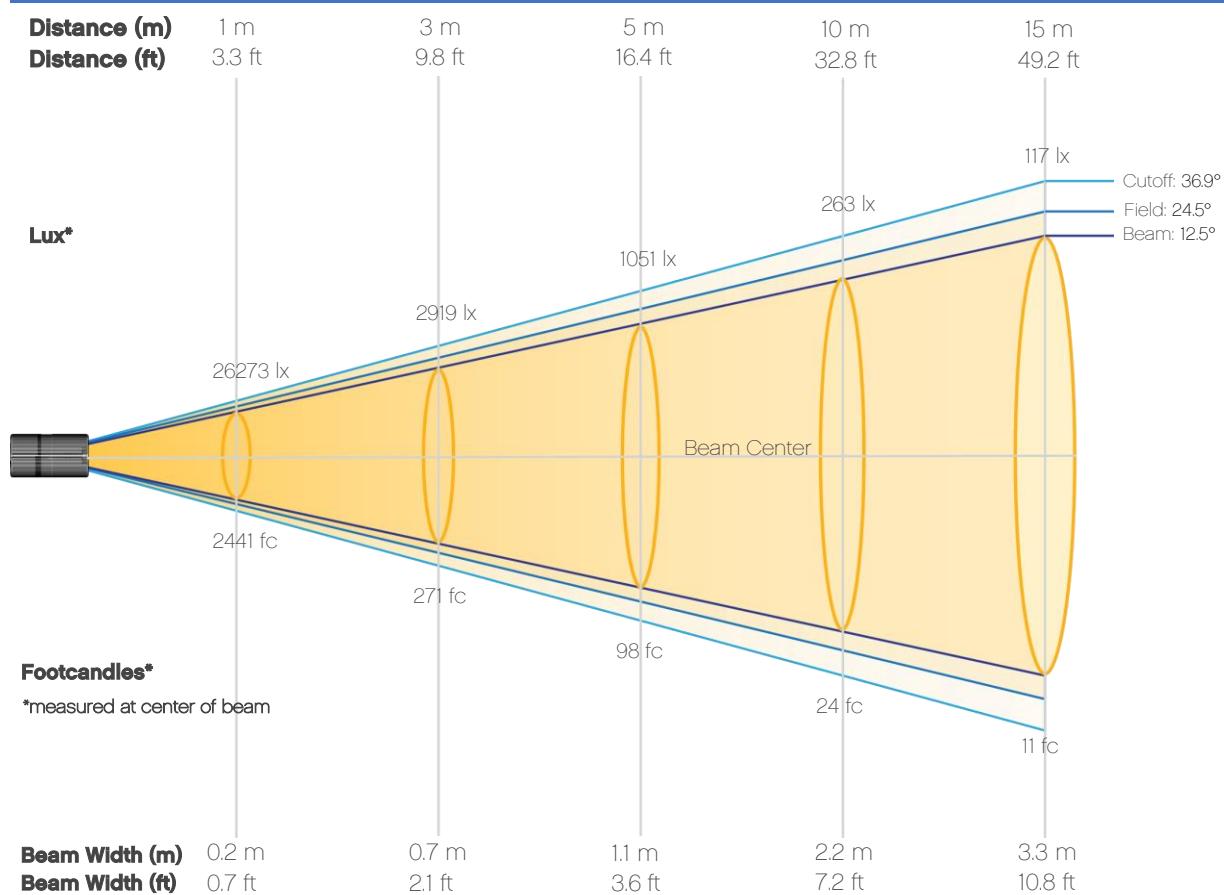
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Green

Beam Details



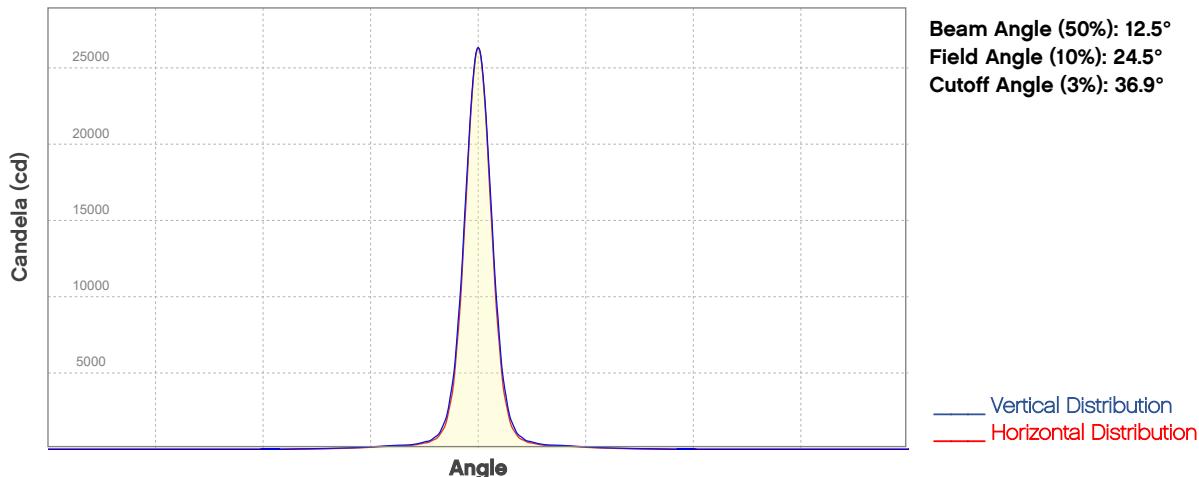
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26273	6568	2919	1642	1051	730	536	411	324	263
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	217	182	155	134	117	103	91	81	73	66
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2441	610	271	153	98	68	50	38	30	24
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	20	17	14	12	11	10	8	8	7	6

Photometric & Chromaticity Report

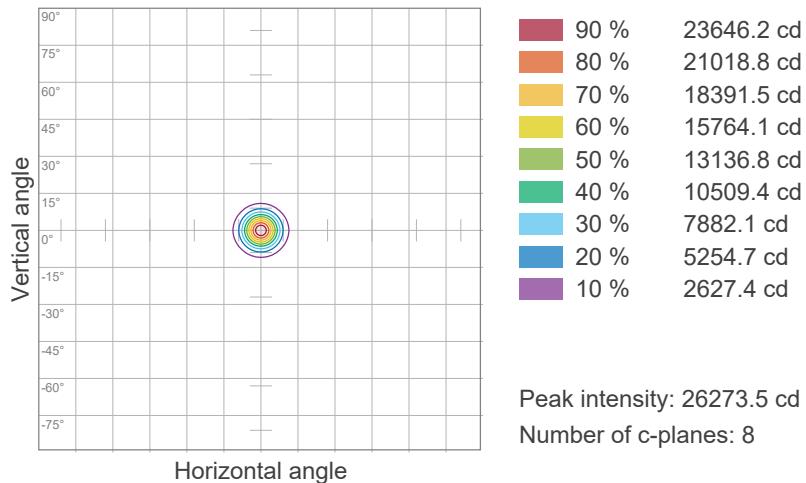
Ovation P-56FC-2: Narrow LENS - Green

Candela Plot

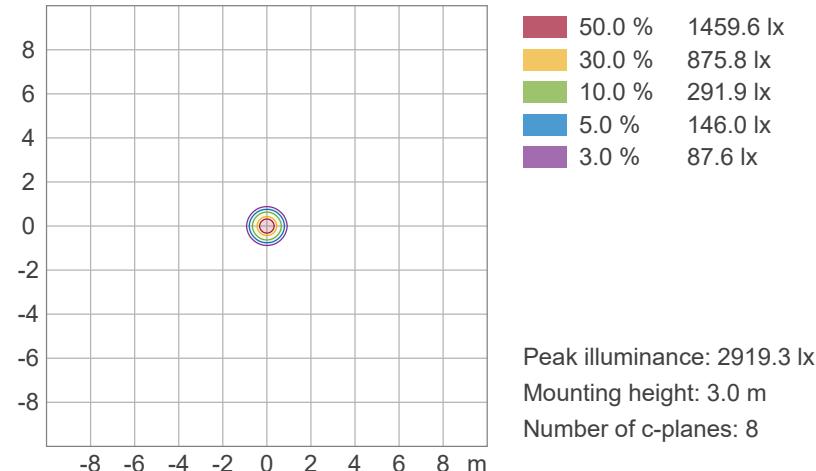


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

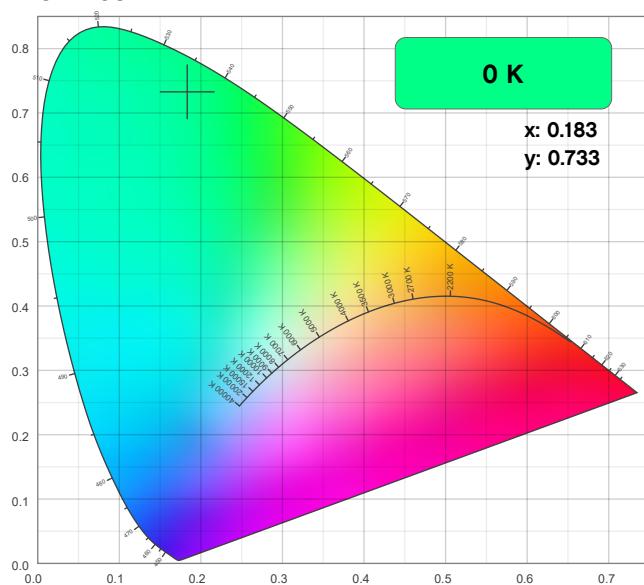


Photometric & Chromaticity Report

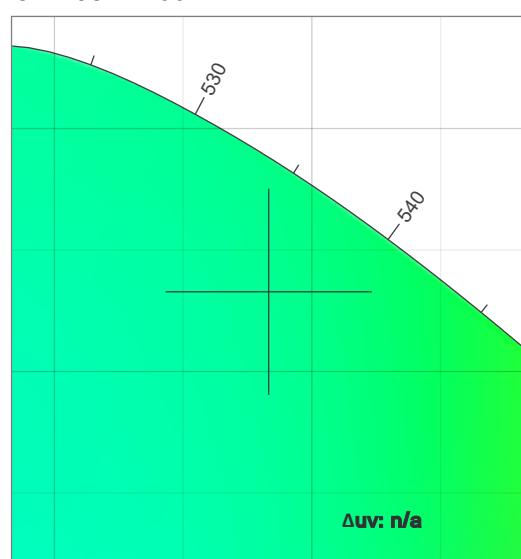
Ovation P-56FC-2: Narrow LENS - Green

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.183	0.733

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.733	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

Ovation P-56FC-2: Narrow LENS - Green

TM-30 Details

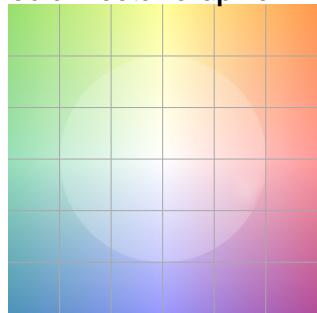
Rf 0.0

Fidelity Index
(Rg)

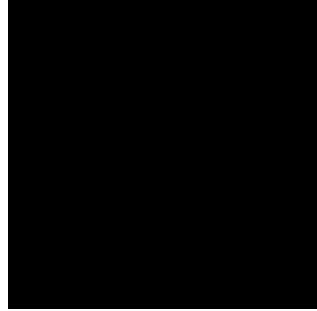
Rg 0.0

Gammut Index
(Rg)

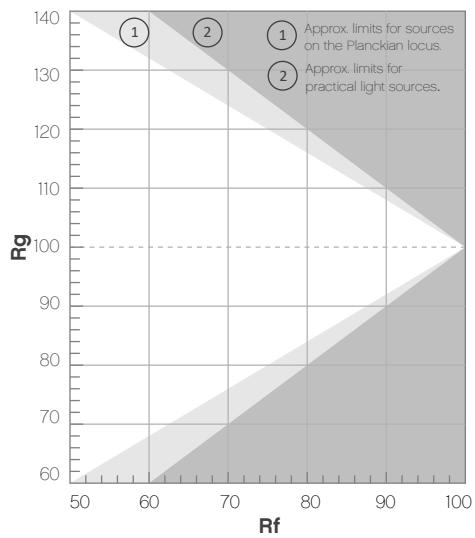
Color Vector Graphic



Color Distortion Graphic



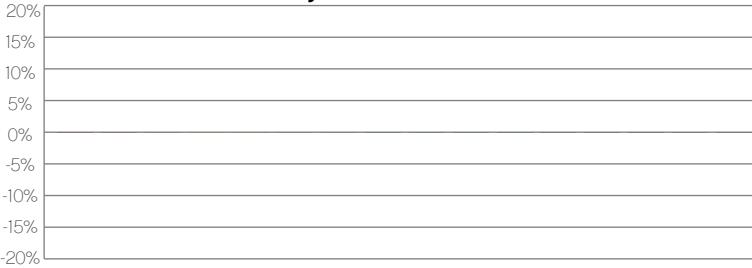
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



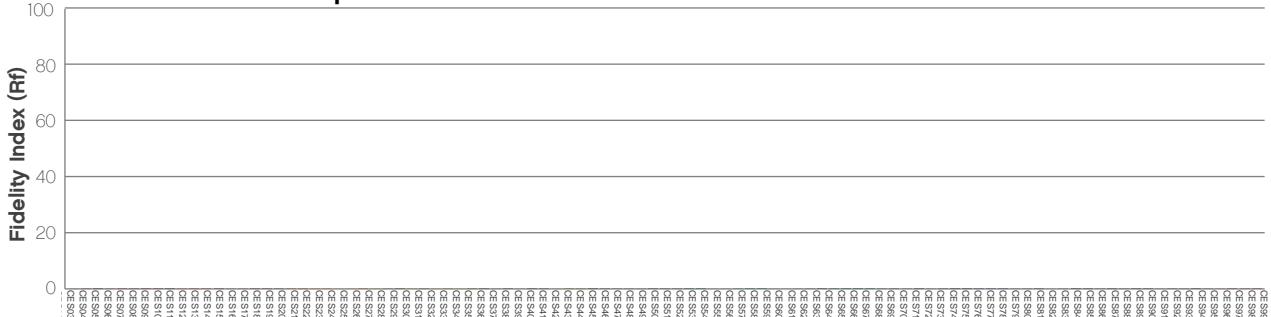
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Blue

Report Summary

Measurements

Fixture Output: 441 lm
Fixture Peak: 5204 cd
Fixture Efficacy: 10 lm/W
Intensity @ 5m: 208 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%): 12.5°
Field Angle (10%): 24.6°
Cutoff Angle (3%): 37.3°

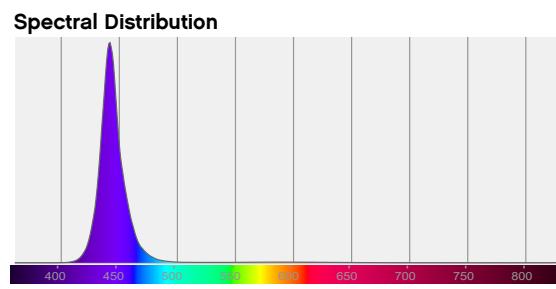
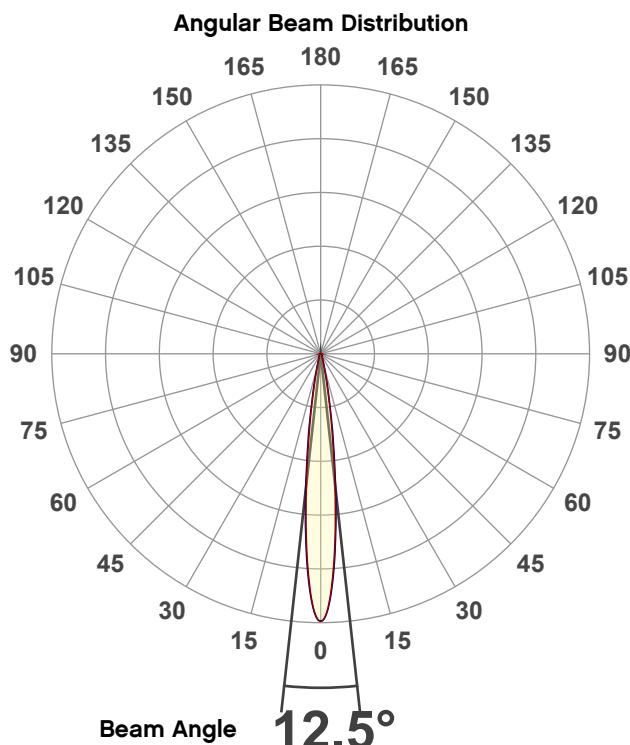


Conditions

AC Supply: 116 V, 60 Hz
Power: 45.39 W
Current: 0.390 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpiron Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.163
Y: 0.022

Light Quality

CRI: 0.0

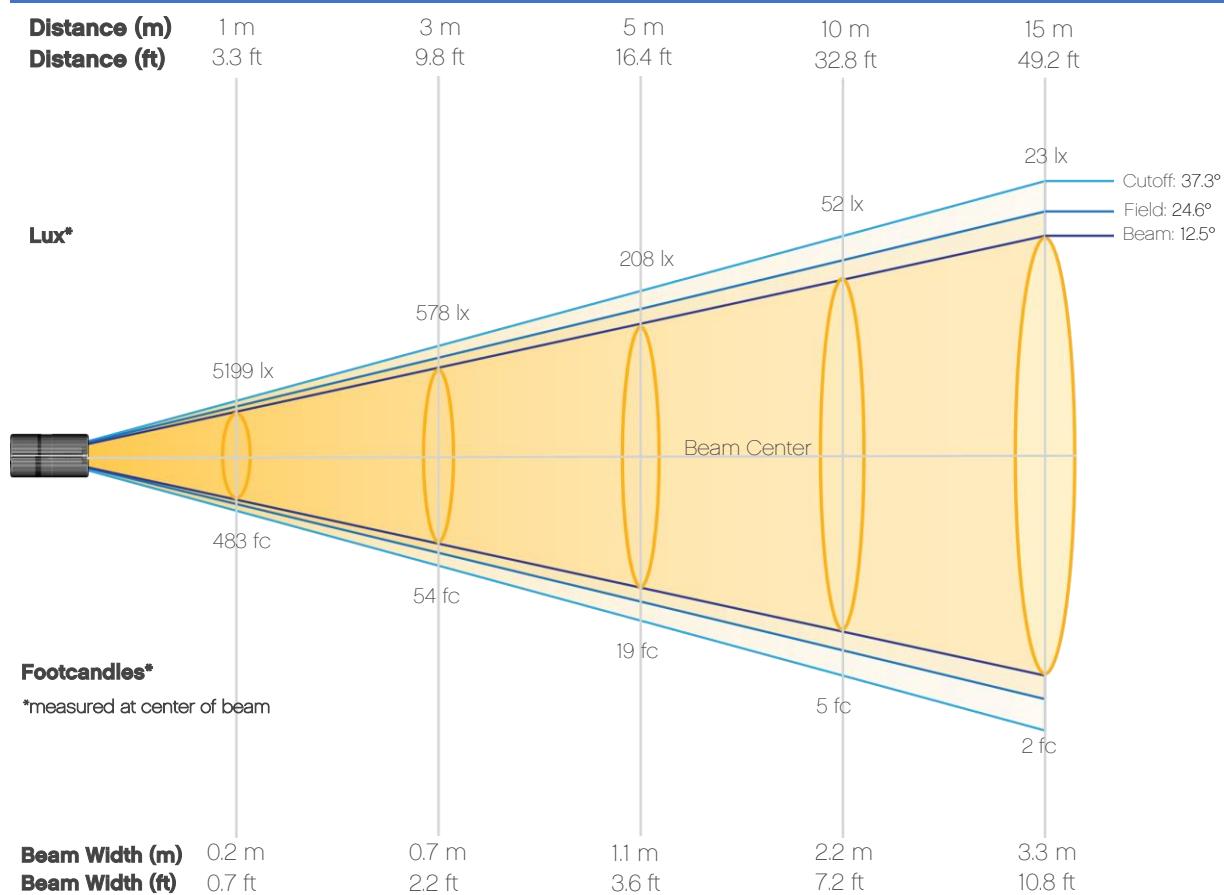
Color Temperature

OK

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Blue

Beam Details



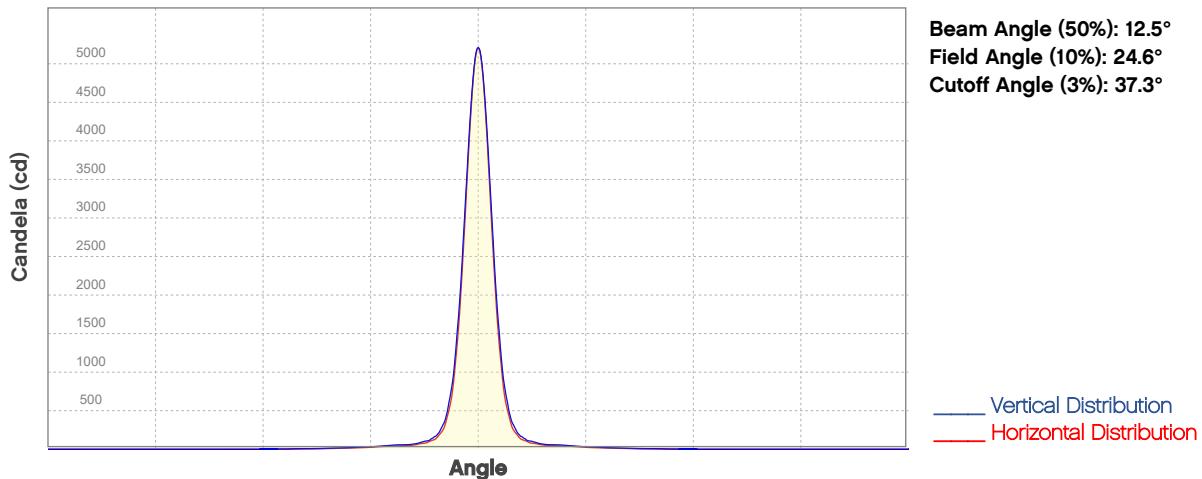
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5199	1300	578	325	208	144	106	81	64	52
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	43	36	31	27	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	483	121	54	30	19	13	10	8	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

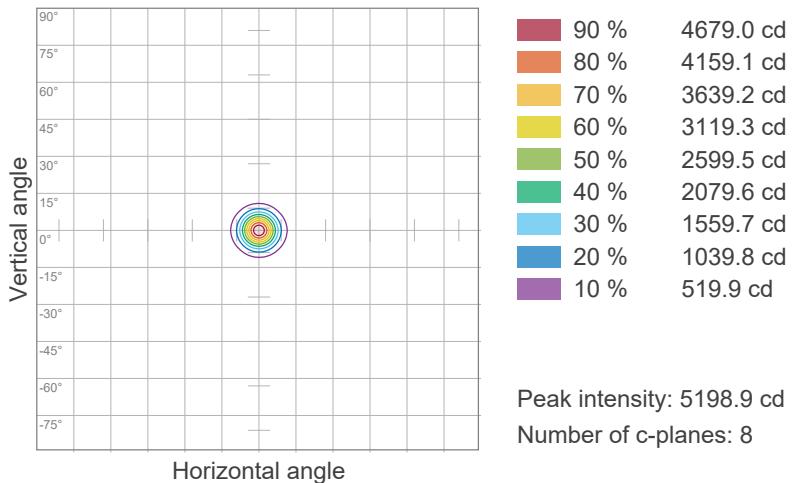
Ovation P-56FC-2: Narrow LENS - Blue

Candela Plot

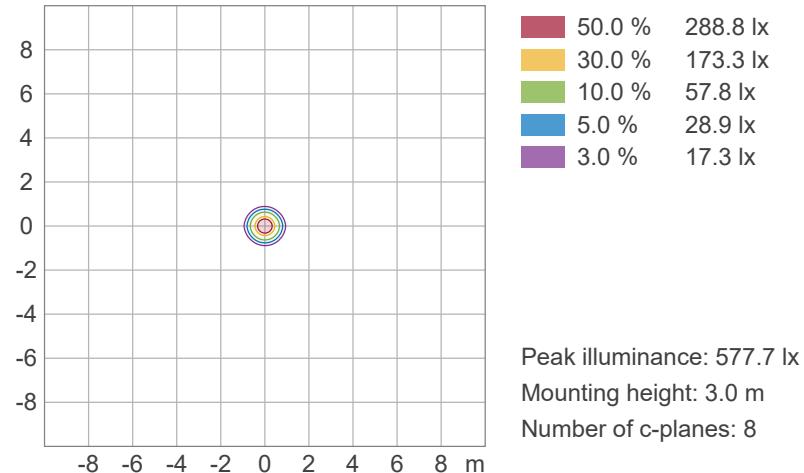


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

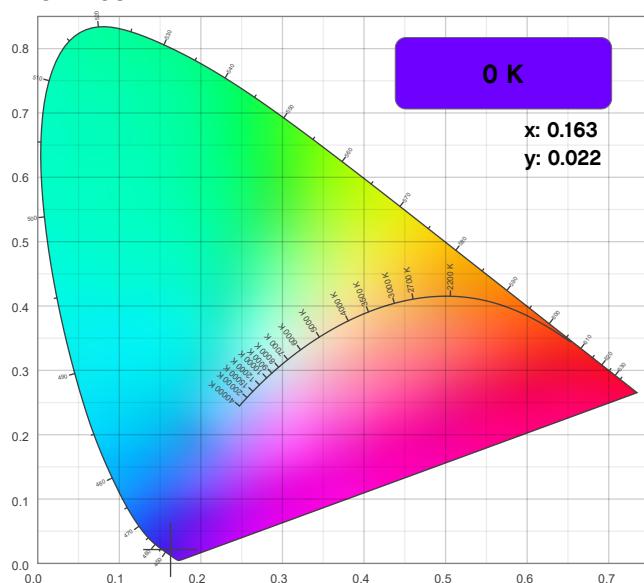


Photometric & Chromaticity Report

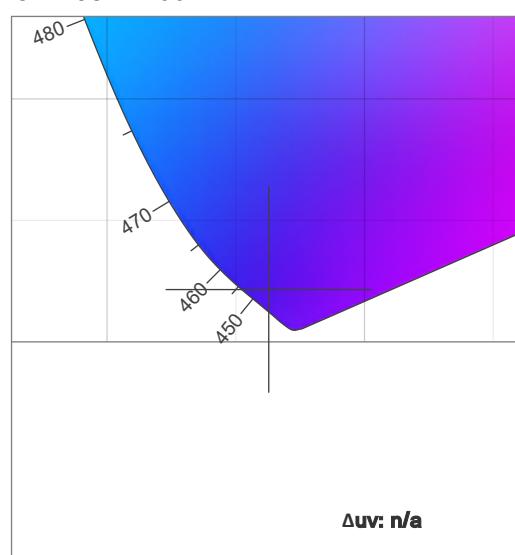
Ovation P-56FC-2: Narrow LENS - Blue

Chromaticity

CIE 1931



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	0.163	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.022	0.222

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

Ovation P-56FC-2: Narrow LENS - Blue

TM-30 Details

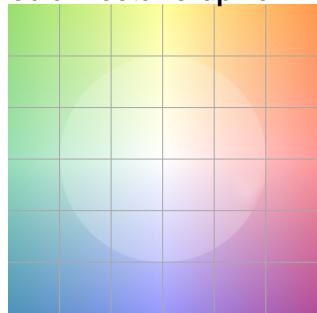
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

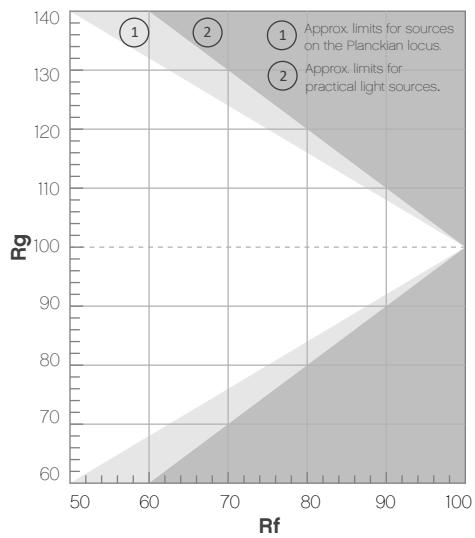
Color Vector Graphic



Color Distortion Graphic



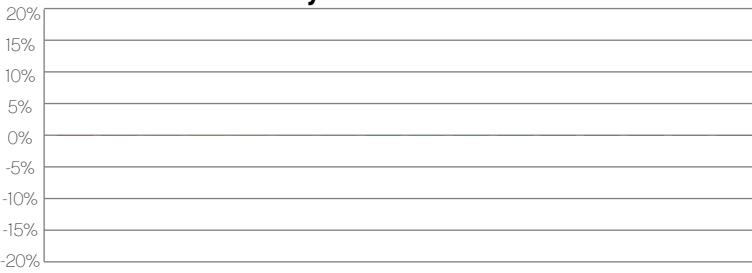
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



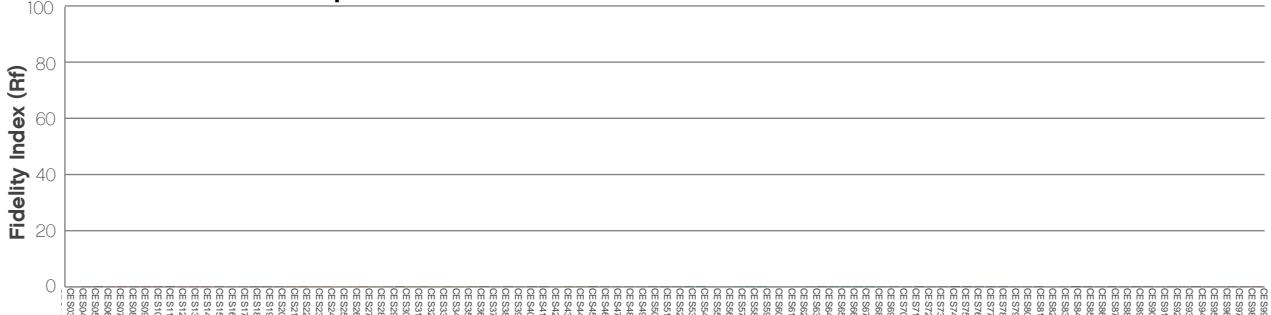
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Amber

Report Summary

Measurements

Fixture Output: 1930 lm
Fixture Peak: 22235 cd
Fixture Efficacy: 38 lm/W
Intensity @ 5m: 888 lux
Color Temperature: 1759 K
CRI: 41.5 CRI R9 Value: -97.8
CQS: 35.5
TLCI: 15
TM-30 Rf: 52.7
TM-30 Rg: 72.2
Beam Angle (50%): 13°
Field Angle (10%): 25.1°
Cutoff Angle (3%): 37.5°

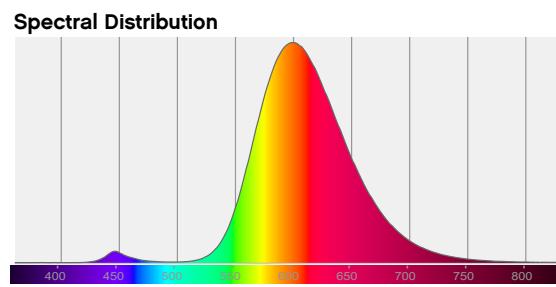
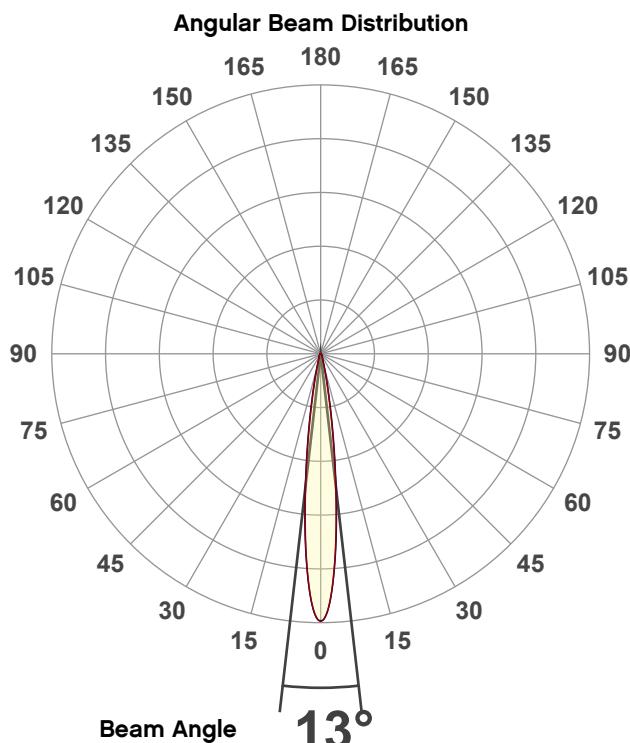


Conditions

AC Supply: 117 V, 60 Hz
Power: 52.6 W
Current: 0.449 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.563
Y: 0.417

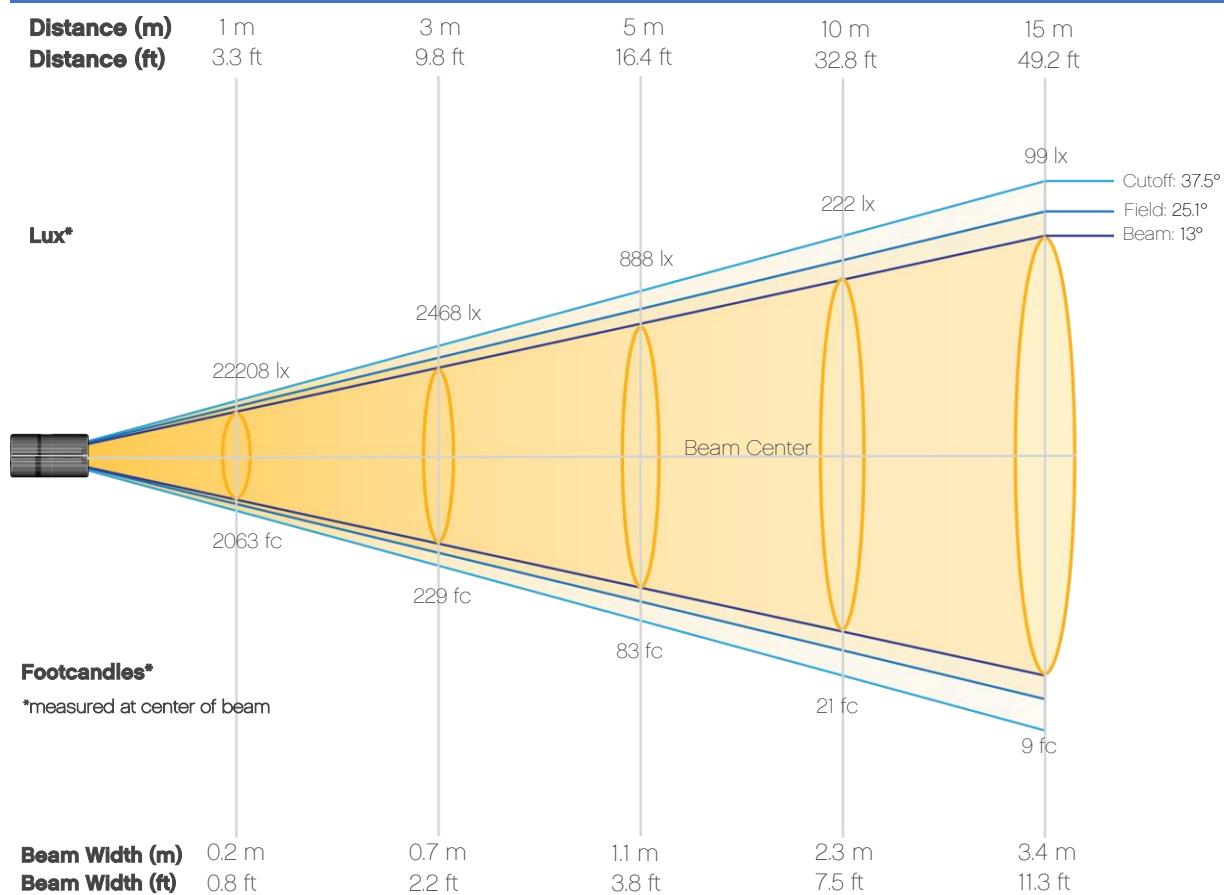
Light Quality
CRI: 41.5

Color Temperature
1759 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Amber

Beam Details



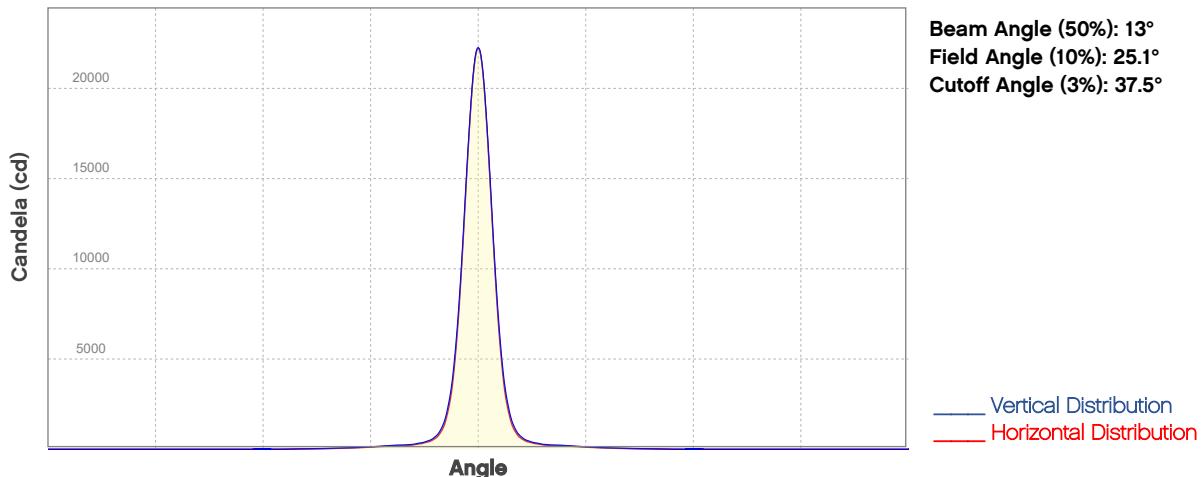
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	22208	5552	2468	1388	888	617	453	347	274	222
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	184	154	131	113	99	87	77	69	62	56
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2063	516	229	129	83	57	42	32	25	21
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	17	14	12	11	9	8	7	6	6	5

Photometric & Chromaticity Report

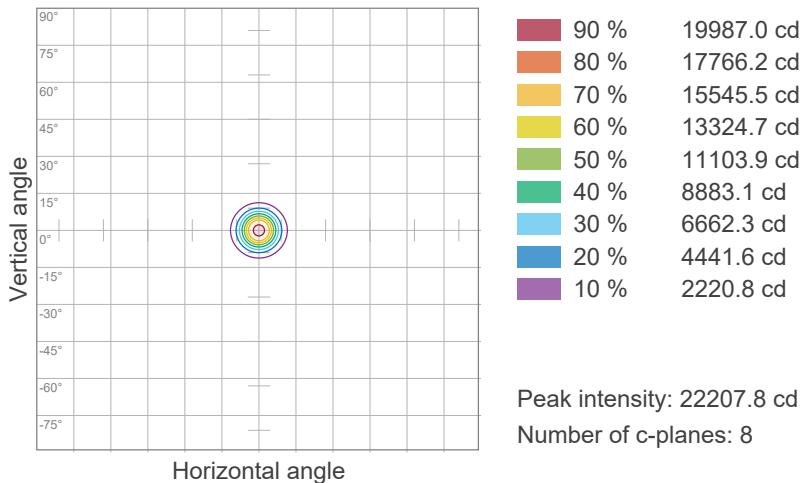
Ovation P-56FC-2: Narrow LENS - Amber

Candela Plot

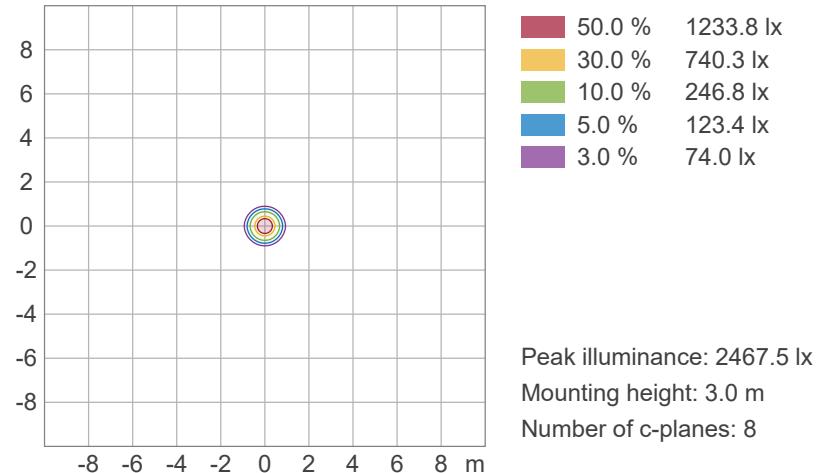


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

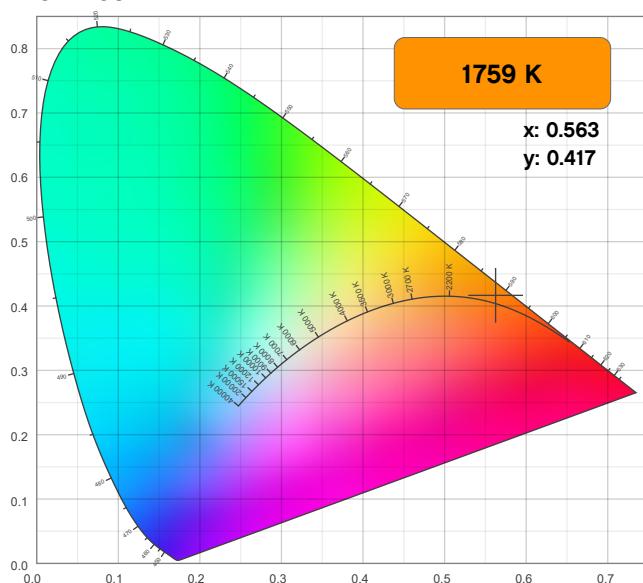


Photometric & Chromaticity Report

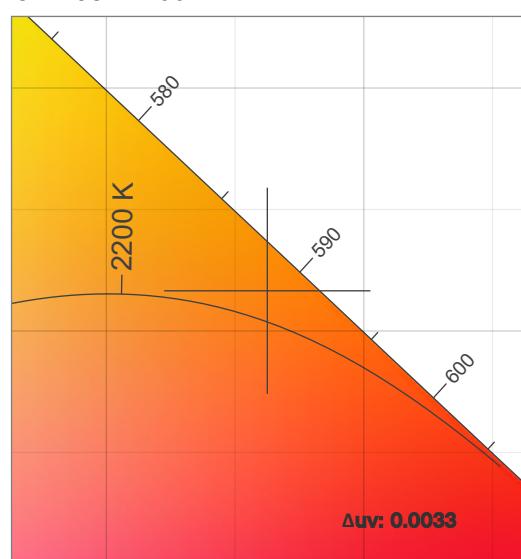
Ovation P-56FC-2: Narrow LENS - Amber

Chromaticity

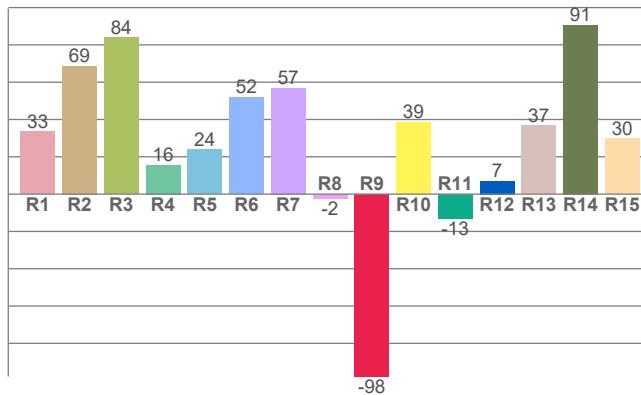
CIE 1931



CIE 1931 - Zoom



CRI: 41.5 (R1-R8)

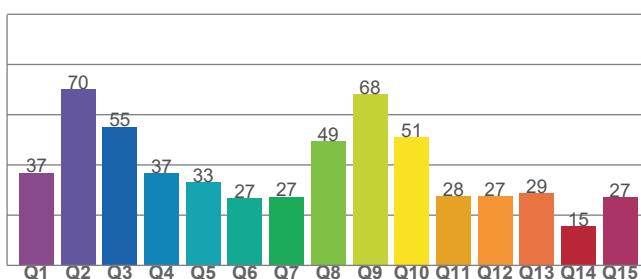


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1759 K	0.563	0.417

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0033	0.417	0.327

CQS: 35.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
41.5	-97.8	35.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
15	52.7	72.2

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Amber

TM-30 Details

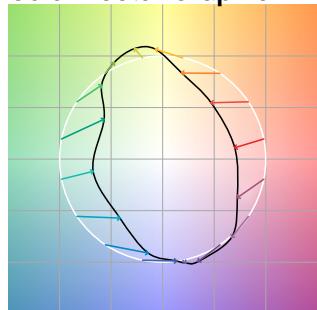
Rf 52.7

Fidelity Index
(Rg)

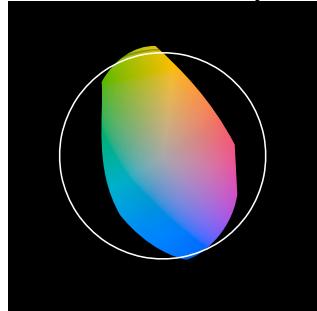
Rg 72.2

Gammut Index
(Rg)

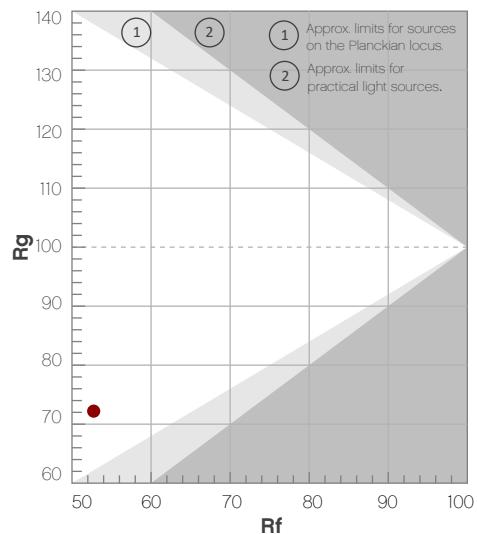
Color Vector Graphic



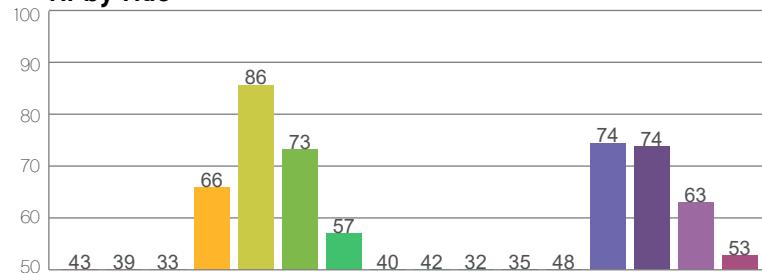
Color Distortion Graphic



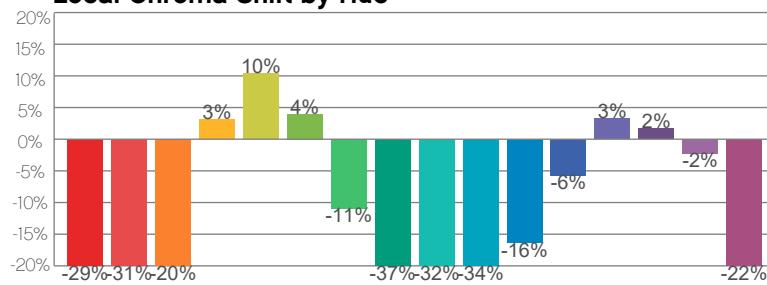
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	43	-29%	-3%
2	39	-31%	19%
3	33	-20%	31%
4	66	3%	28%
5	86	10%	6%
6	73	4%	-13%
7	57	-11%	-27%
8	40	-37%	-27%
9	42	-32%	-1%
10	32	-34%	25%
11	35	-16%	39%
12	48	-6%	33%
13	74	3%	2%
14	74	2%	-27%
15	63	-2%	-26%
16	53	-22%	-23%



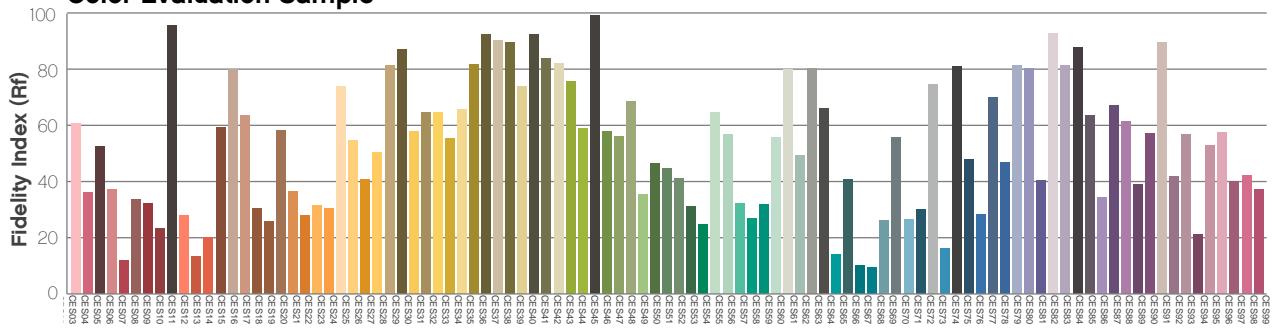
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Chauvet Professional – www.chauvetprofessional.com

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All product specifications, measurements and dimensions are subject to change without notice

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Lime

Report Summary

Measurements

Fixture Output: 3603 lm
Fixture Peak: 40721 cd
Fixture Efficacy: 71 lm/W
Intensity @ 5m: 1628 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%): 13.2°
Field Angle (10%): 25.3°
Cutoff Angle (3%): 38°

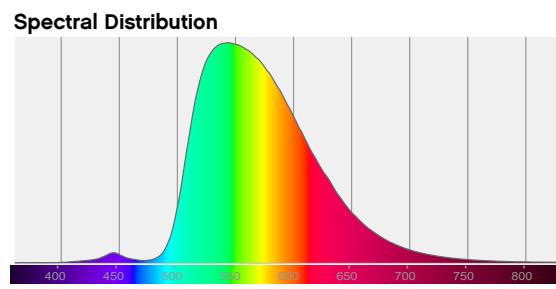
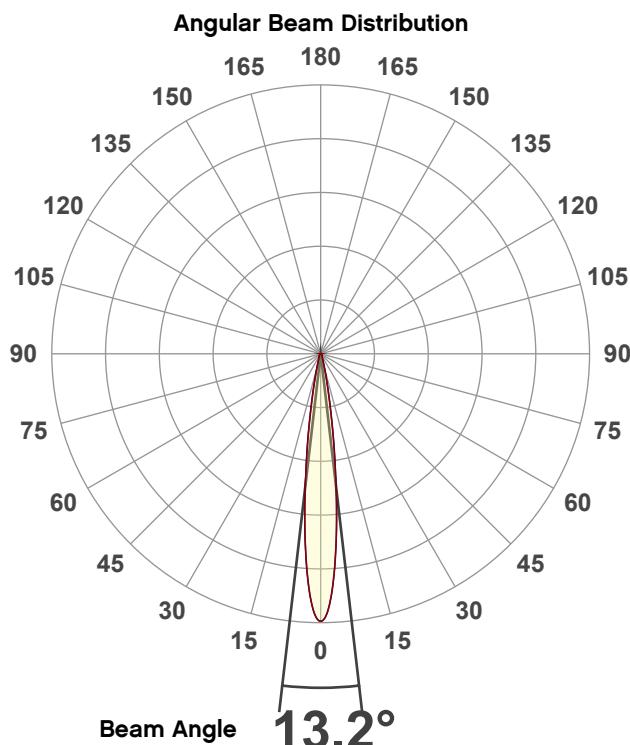


Conditions

AC Supply: 117 V, 60 Hz
Power: 51.96 W
Current: 0.443 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.412
Y: 0.550

Light Quality

CRI: 0.0

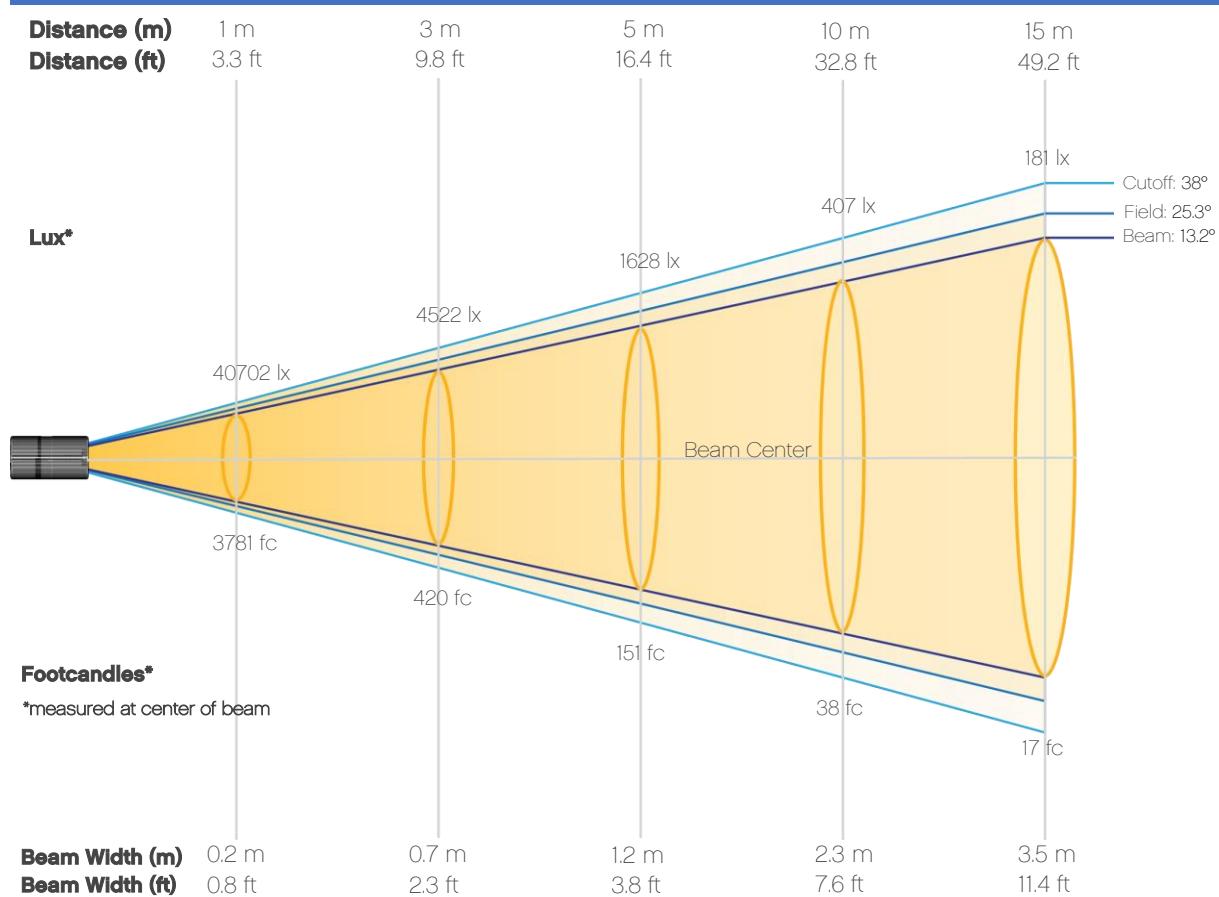
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Narrow LENS - Lime

Beam Details



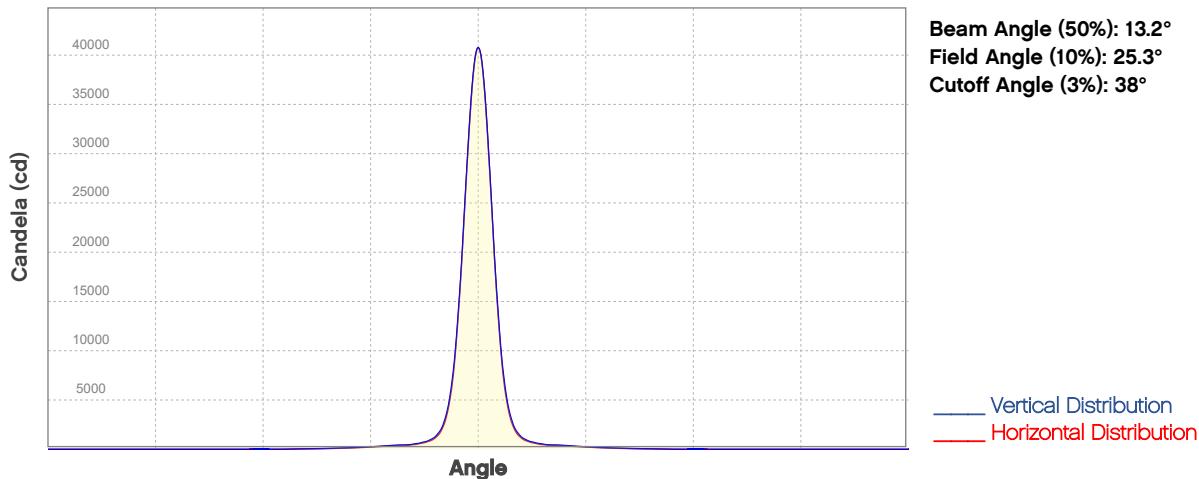
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	40702	10176	4522	2544	1628	1131	831	636	502	407
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	336	283	241	208	181	159	141	126	113	102
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3781	945	420	236	151	105	77	59	47	38
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	31	26	22	19	17	15	13	12	10	9

Photometric & Chromaticity Report

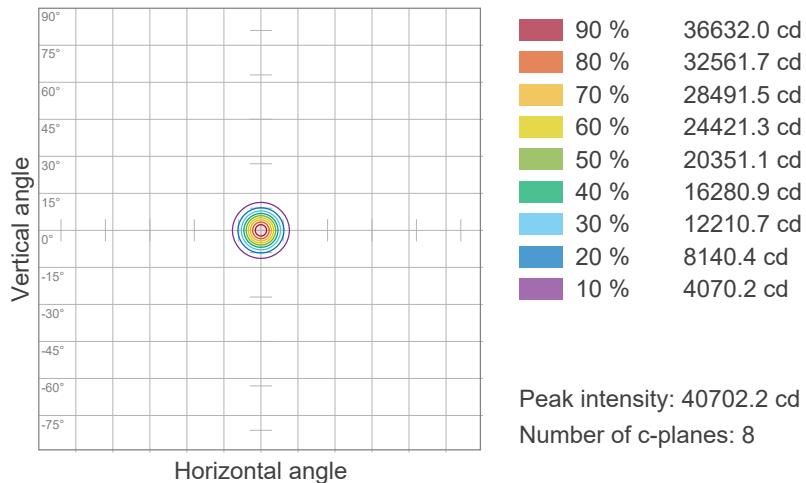
Ovation P-56FC-2: Narrow LENS - Lime

Candela Plot

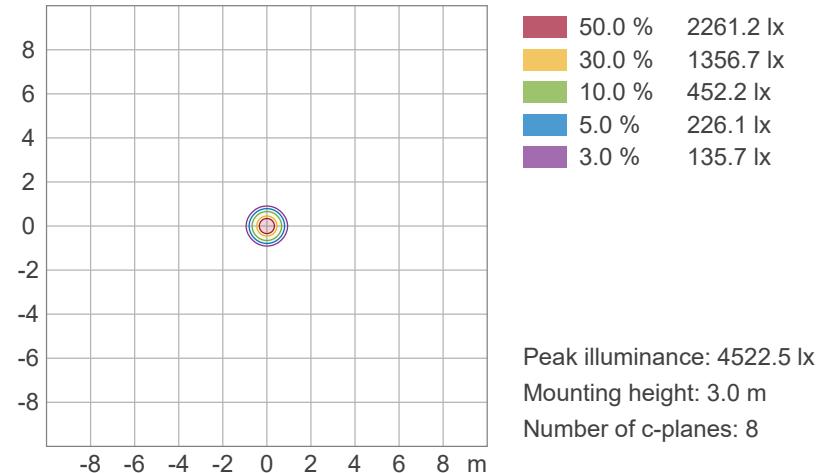


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

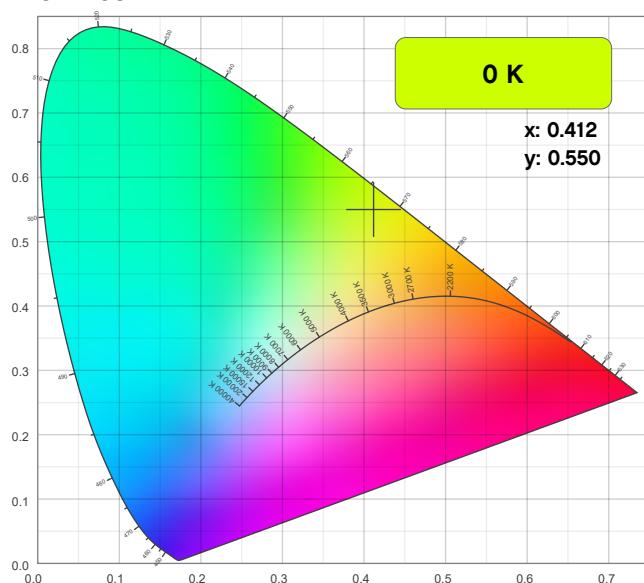


Photometric & Chromaticity Report

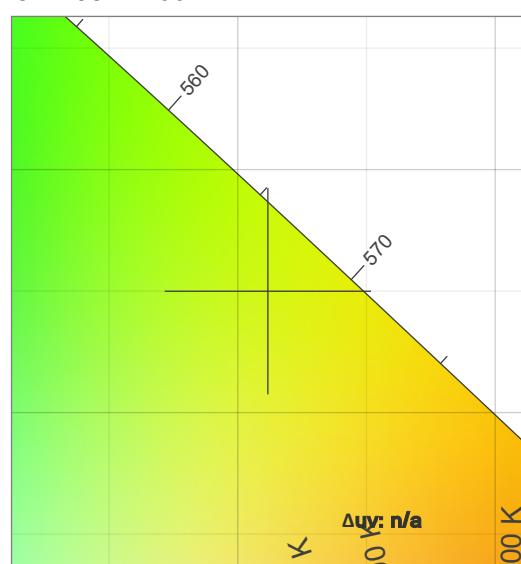
Ovation P-56FC-2: Narrow LENS - Lime

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.412	0.550

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.550	0.188

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

Ovation P-56FC-2: Narrow LENS - Lime

TM-30 Details

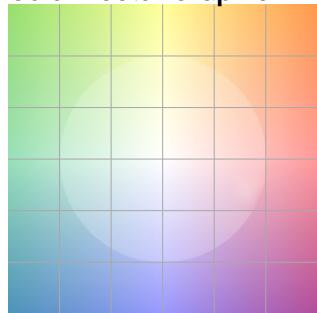
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

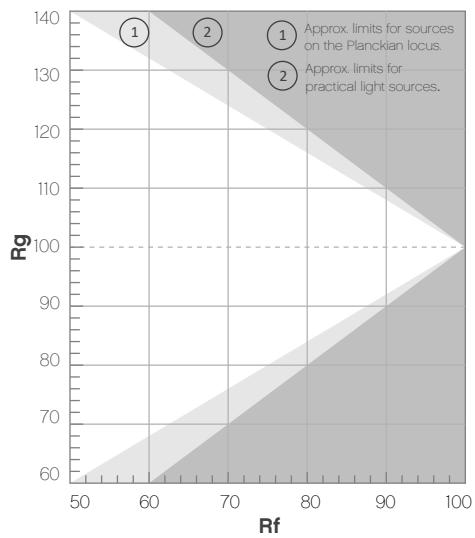
Color Vector Graphic



Color Distortion Graphic



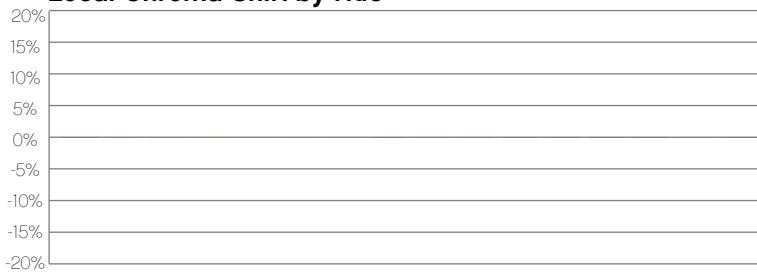
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



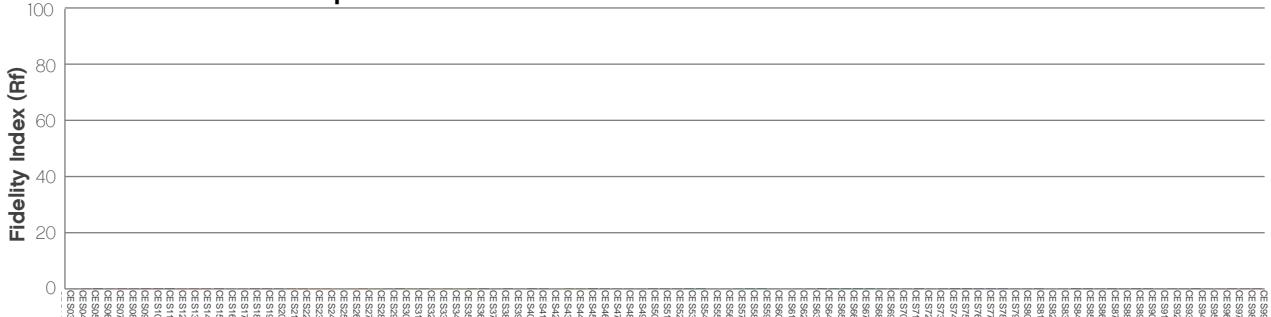
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Full Power

Report Summary

Measurements

Fixture Output: 7051 lm
Fixture Peak: 31300 cd
Fixture Efficacy: 39 lm/W
Intensity @ 5m: 1251 lux
Color Temperature: 6209 K
CRI: 65.5 CRI R9 Value: -31.3
CQS: 76.1
TLCI: 64
TM-30 Rf: 66.1
TM-30 Rg: 124.8
Beam Angle (50%): 22.7°
Field Angle (10%): 41°
Cutoff Angle (3%): 72.5°

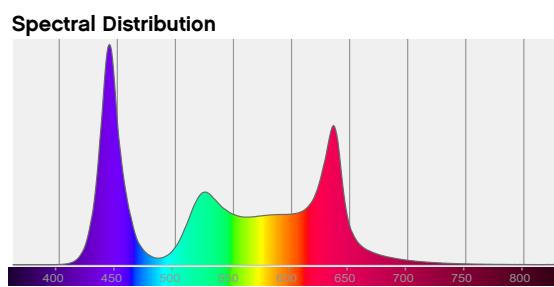
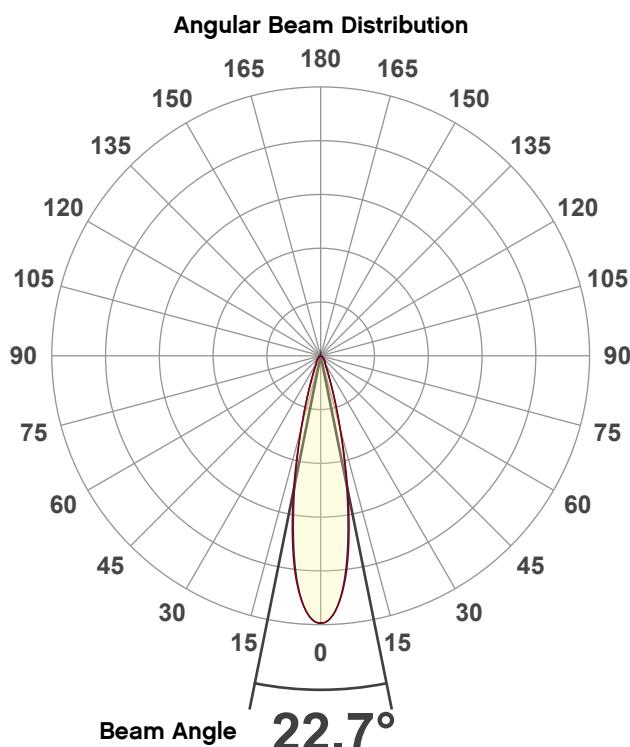
Conditions

AC Supply: 116 V, 60 Hz
Power: 180.19 W
Current: 1.55 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.324
Y: 0.272

Light Quality

CRI: 65.5

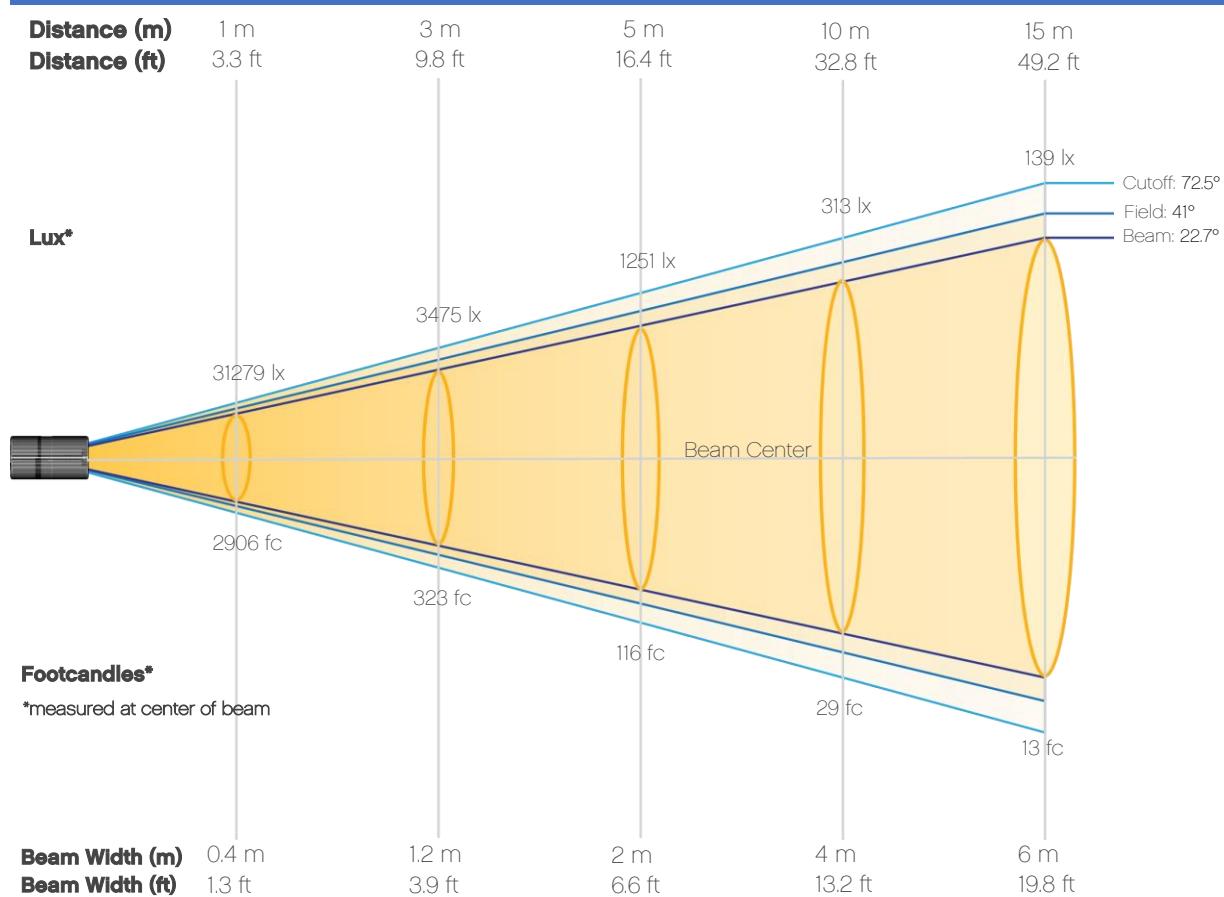
Color Temperature

6209 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Full Power

Beam Details



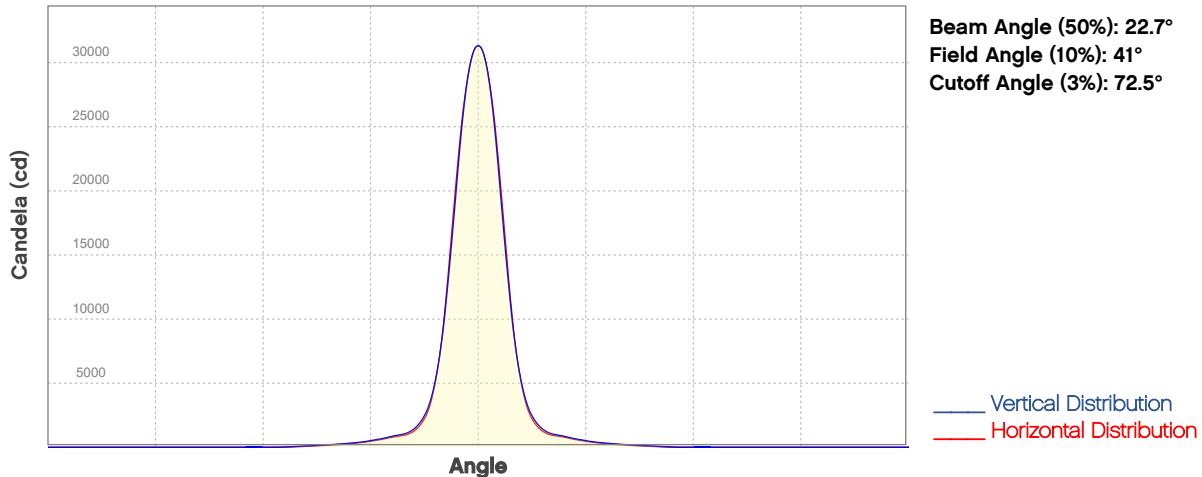
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31279	7820	3475	1955	1251	869	638	489	386	313
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	259	217	185	160	139	122	108	97	87	78
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2906	726	323	182	116	81	59	45	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

Photometric & Chromaticity Report

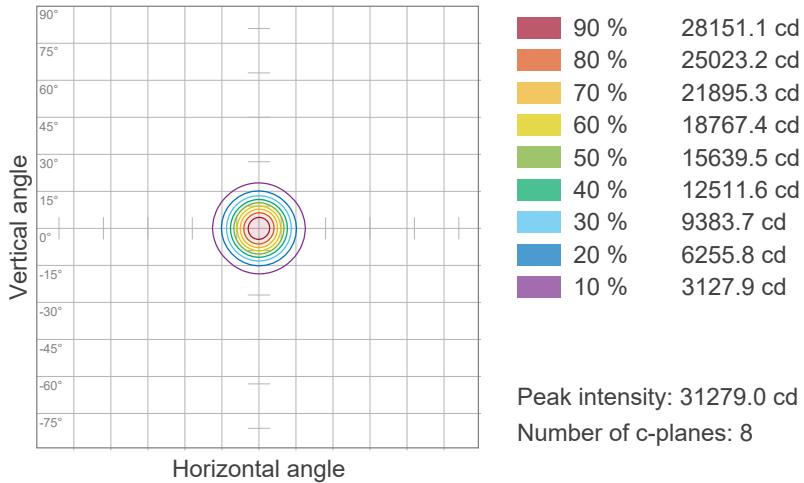
Ovation P-56FC-2: Medium LENS - Full Power

Candela Plot

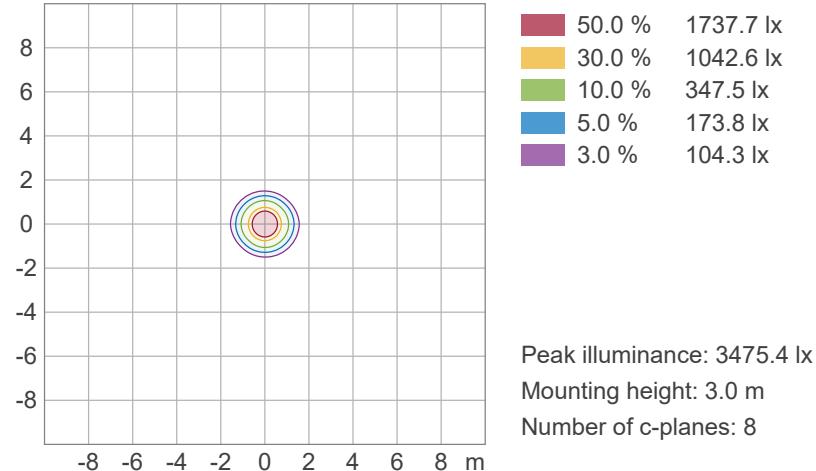


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

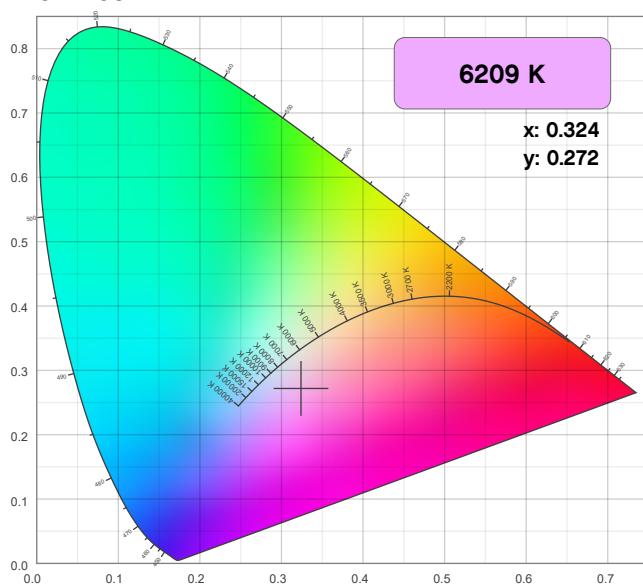


Photometric & Chromaticity Report

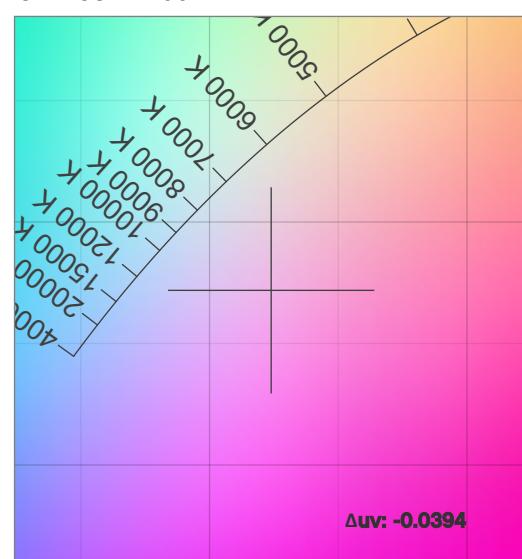
Ovation P-56FC-2: Medium LENS - Full Power

Chromaticity

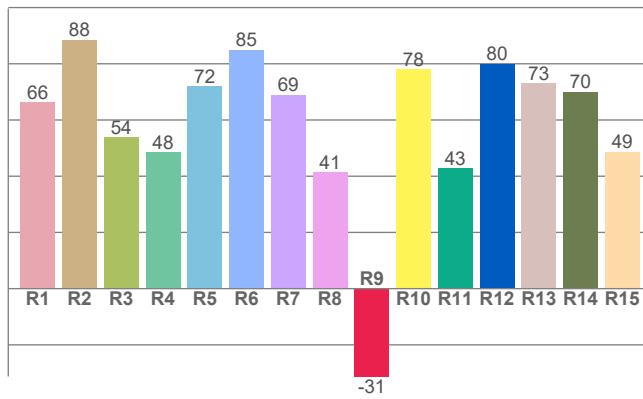
CIE 1931



CIE 1931 - Zoom



CRI: 65.5 (R1-R8)

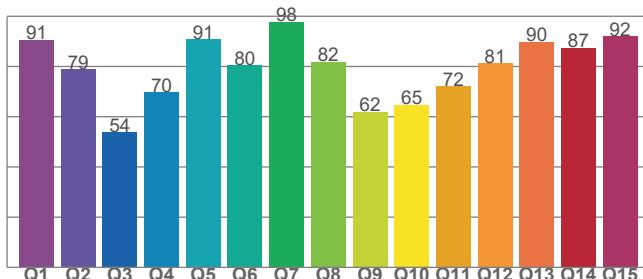


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6209 K	0.324	0.272

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0394	0.272	0.231

CQS: 76.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.5	-31.3	76.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
64	66.1	124.8

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Full Power

TM-30 Details

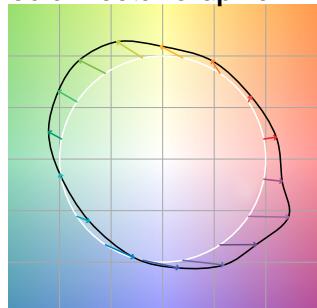
Rf 66.1

Fidelity Index
(Rg)

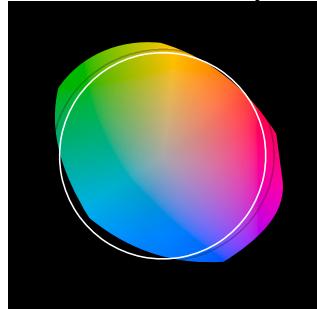
Rg 124.8

Gammut Index
(Rg)

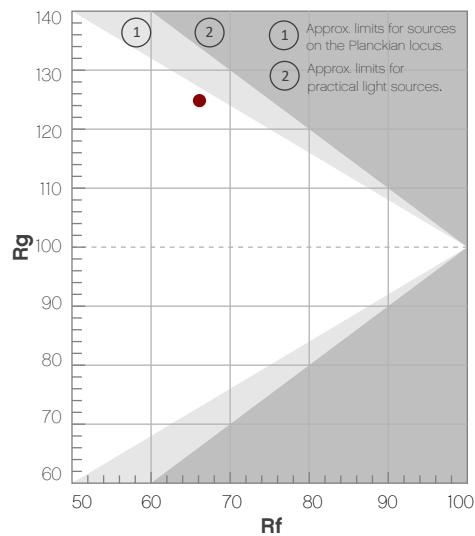
Color Vector Graphic



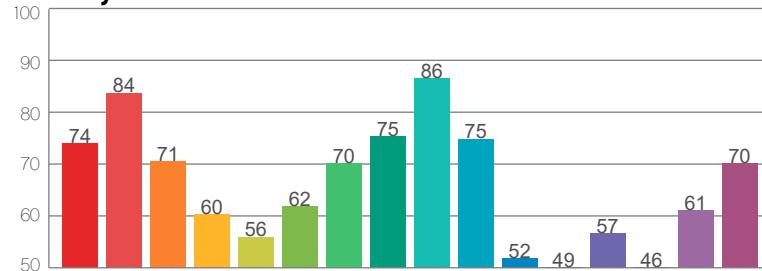
Color Distortion Graphic



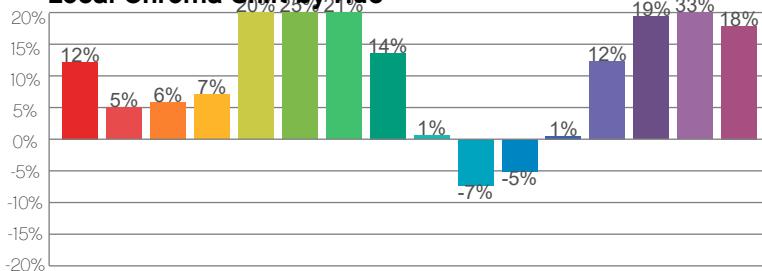
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	74	12%	-1%
2	84	5%	3%
3	71	6%	13%
4	60	7%	23%
5	56	20%	21%
6	62	25%	14%
7	70	21%	1%
8	75	14%	-4%
9	86	1%	-5%
10	75	-7%	11%
11	52	-5%	30%
12	49	1%	36%
13	57	12%	38%
14	46	19%	29%
15	61	33%	21%
16	70	18%	1%



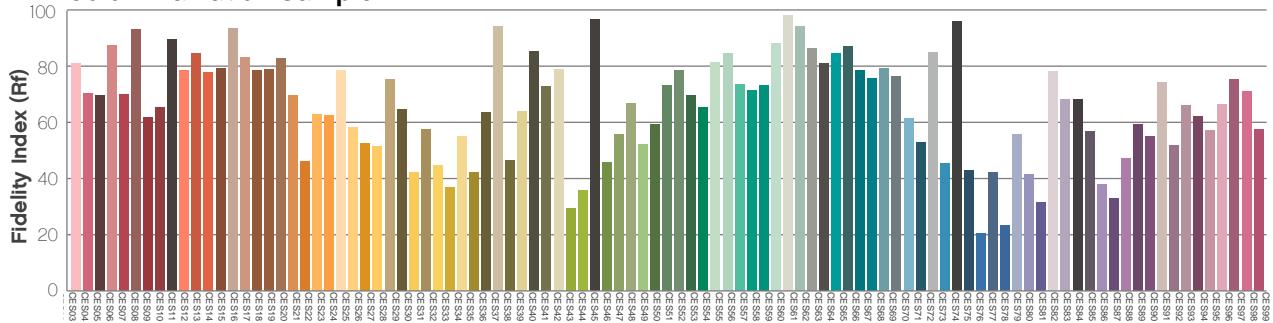
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Red

Report Summary

Measurements

Fixture Output: 1212 lm
Fixture Peak: 5449 cd
Fixture Efficacy: 33 lm/W
Intensity @ 5m: 218 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%): 22.7°
Field Angle (10%): 40.7°
Cutoff Angle (3%): 71.6°

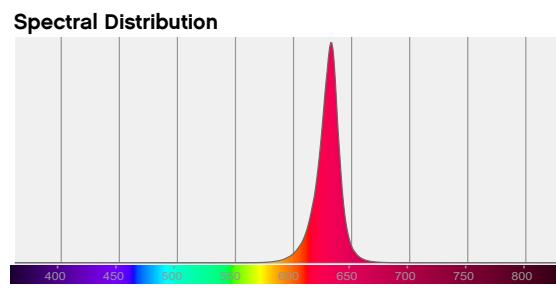
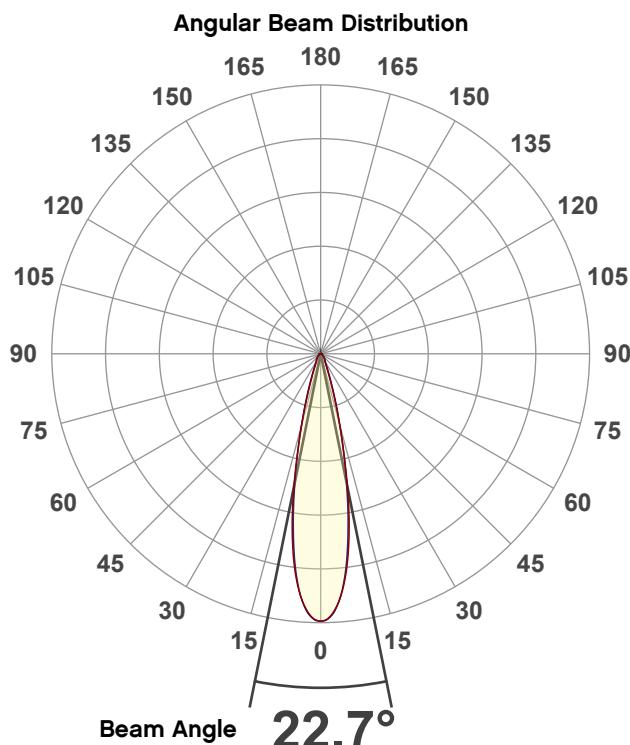


Conditions

AC Supply: 118 V, 60 Hz
Power: 38.82 W
Current: 0.329 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.696
Y: 0.304

Light Quality

CRI: 0.0

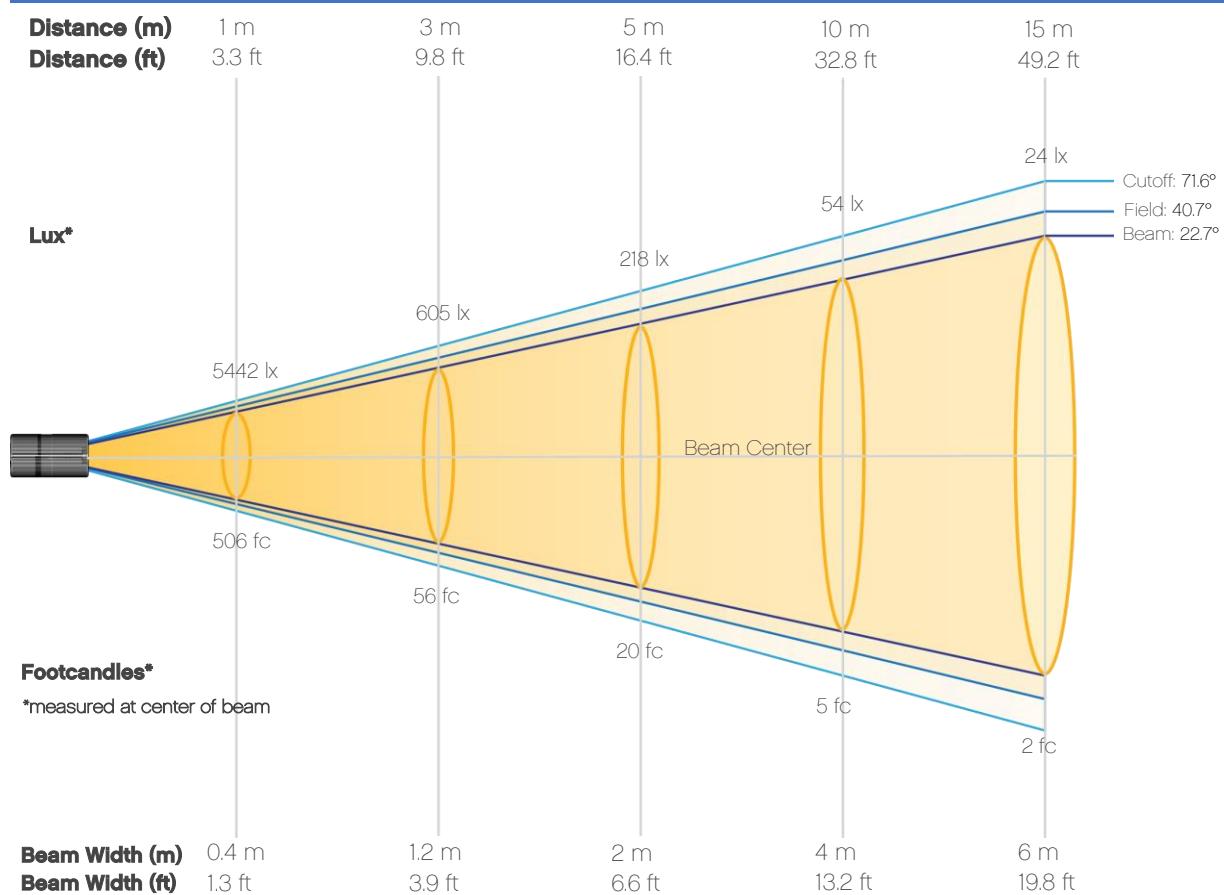
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Red

Beam Details



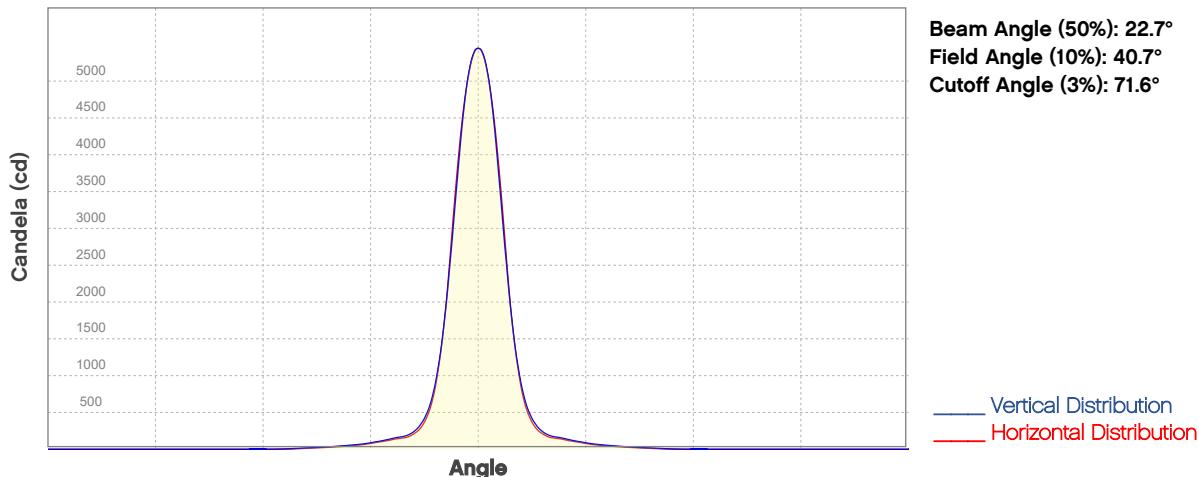
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5442	1360	605	340	218	151	111	85	67	54
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	45	38	32	28	24	21	19	17	15	14
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	506	126	56	32	20	14	10	8	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	4	3	3	2	2	2	2	1	1

Photometric & Chromaticity Report

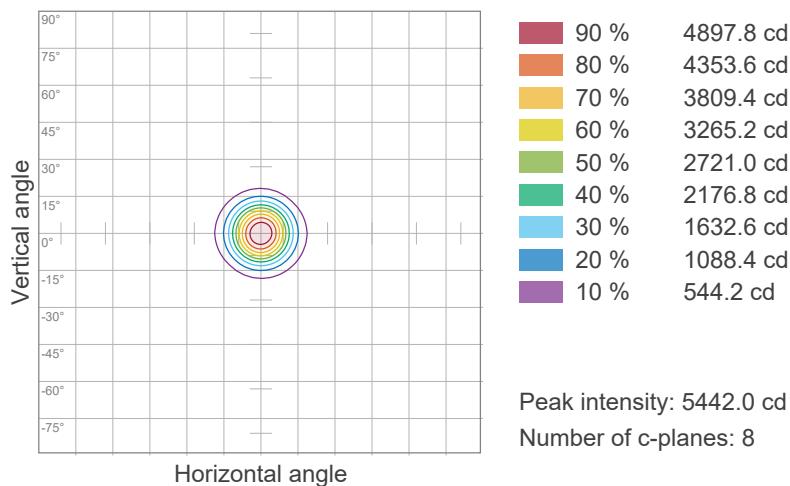
Ovation P-56FC-2: Medium LENS - Red

Candela Plot

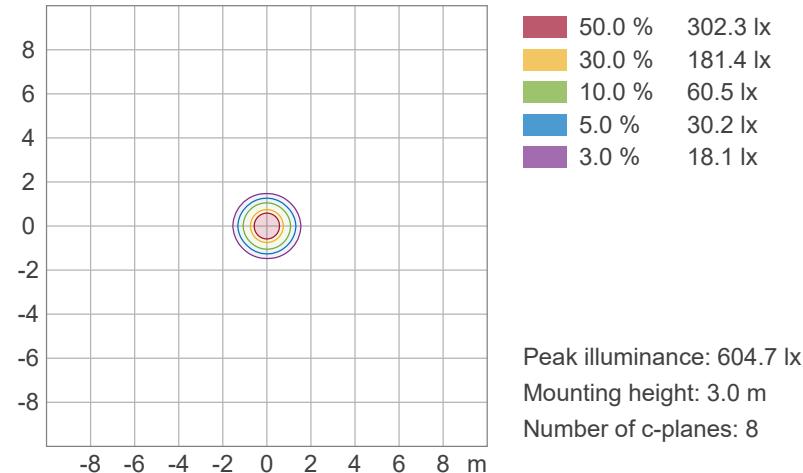


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

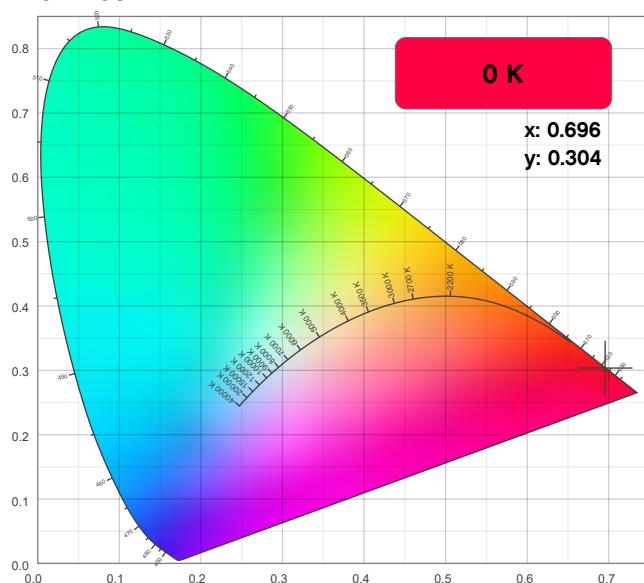


Photometric & Chromaticity Report

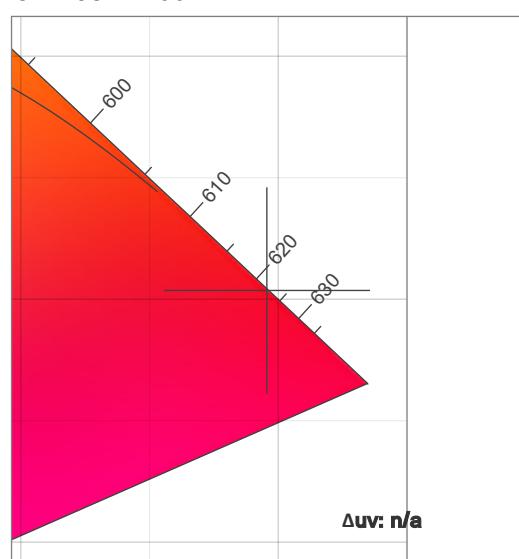
Ovation P-56FC-2: Medium LENS - Red

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.696	0.304

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.304	0.530

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

Ovation P-56FC-2: Medium LENS - Red

TM-30 Details

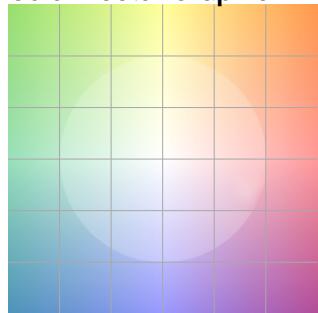
Rf 0.0

Fidelity Index (Rg)

Rg 0.0

Gammut Index (Rg)

Color Vector Graphic



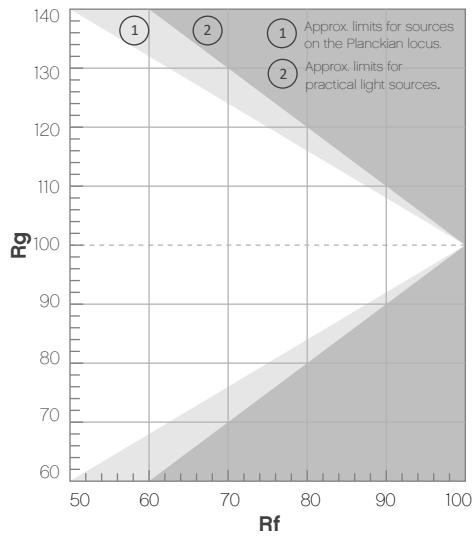
Color Distortion Graphic



Color Evaluation Sample



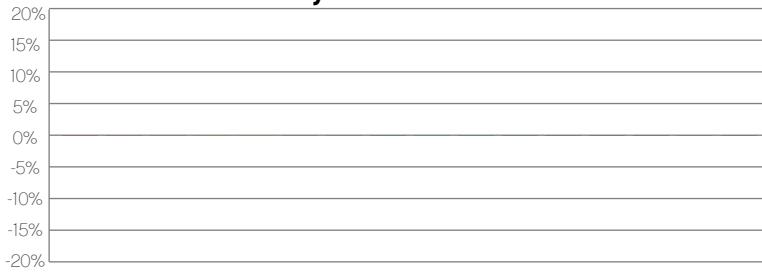
		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue



Local Chroma Shift by Hue



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All product specifications, measurements and dimensions are subject to change without notice



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Green

Report Summary

Measurements

Fixture Output: 2111 lm
Fixture Peak: 9382 cd
Fixture Efficacy: 48 lm/W
Intensity @ 5m: 374 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%): 22.7°
Field Angle (10%): 41.2°
Cutoff Angle (3%): 73.4°

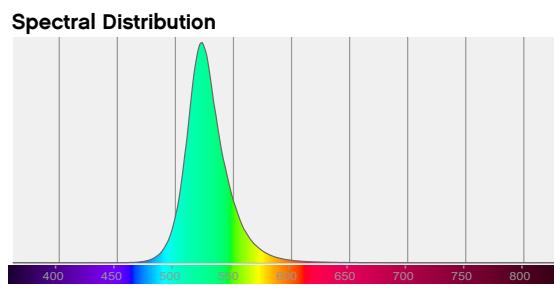
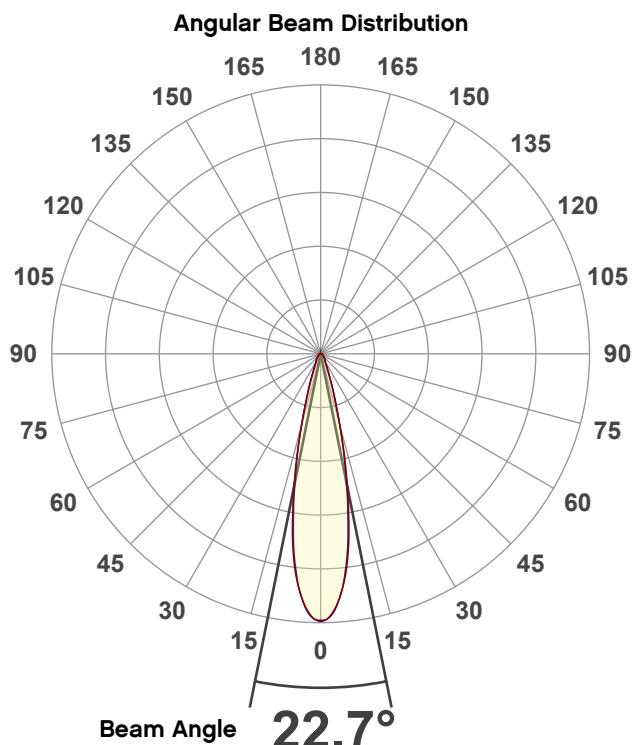


Conditions

AC Supply: 118 V, 60 Hz
Power: 45.3 W
Current: 0.385 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.183
Y: 0.733

Light Quality

CRI: 0.0

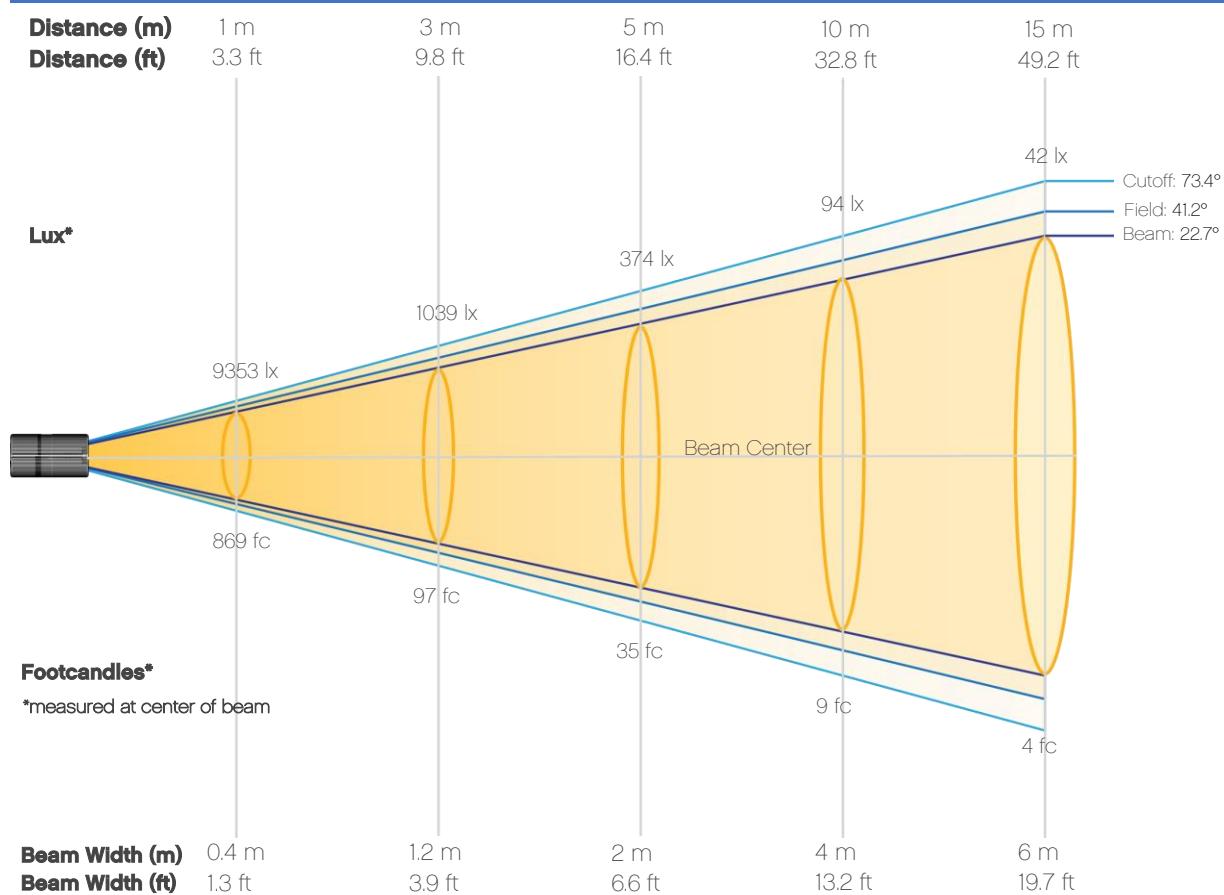
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Green

Beam Details



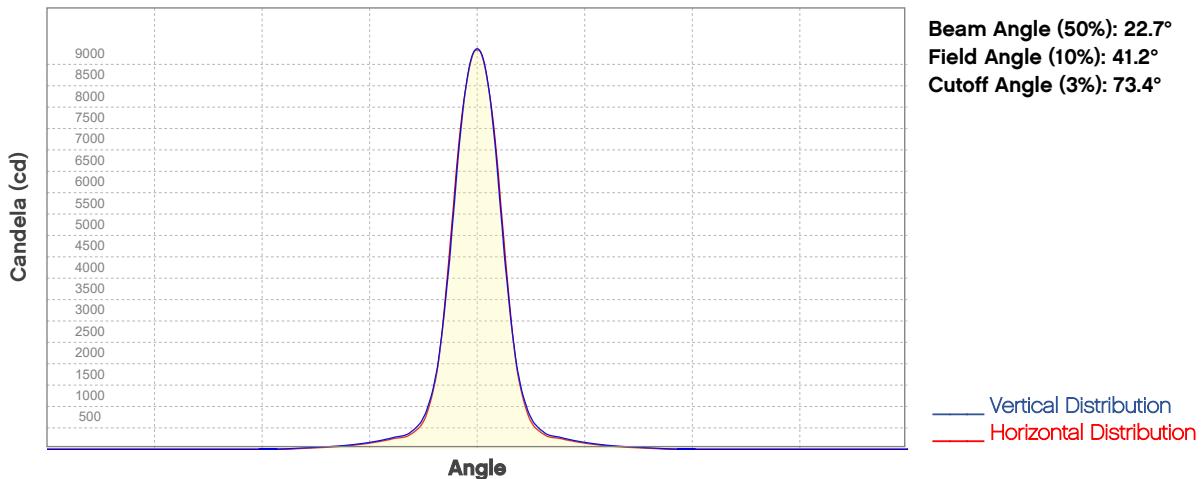
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9353	2338	1039	585	374	260	191	146	115	94
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	77	65	55	48	42	37	32	29	26	23
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	869	217	97	54	35	24	18	14	11	9
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	7	6	5	4	4	3	3	3	2	2

Photometric & Chromaticity Report

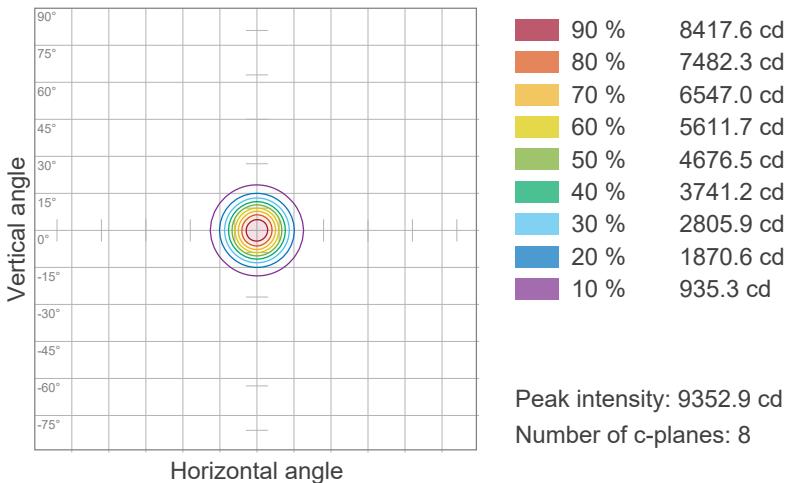
Ovation P-56FC-2: Medium LENS - Green

Candela Plot

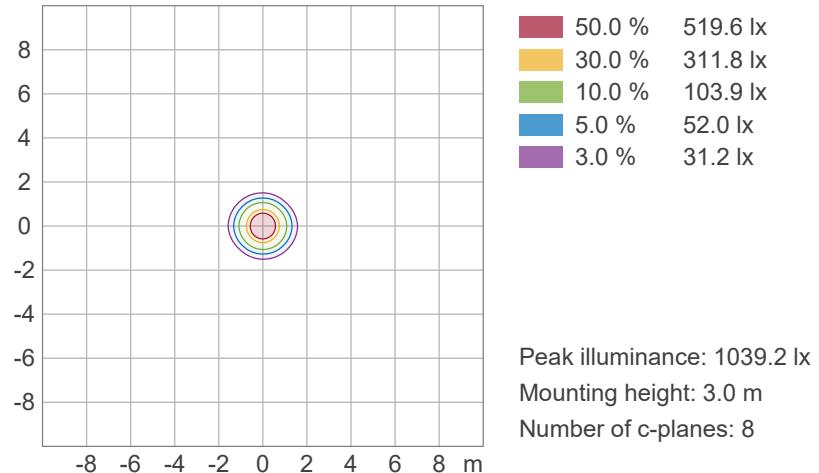


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

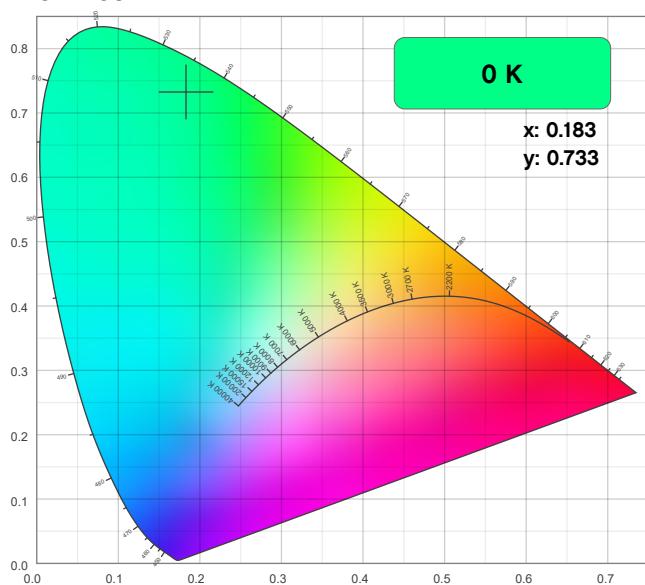


Photometric & Chromaticity Report

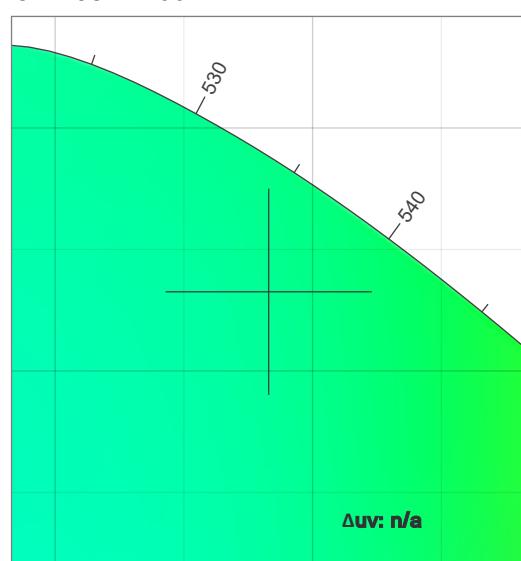
Ovation P-56FC-2: Medium LENS - Green

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.183	0.733

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.733	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

Ovation P-56FC-2: Medium LENS - Green

TM-30 Details

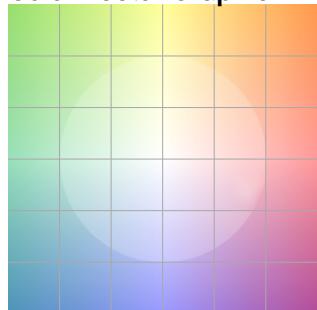
Rf 0.0

Fidelity Index
(Rg)

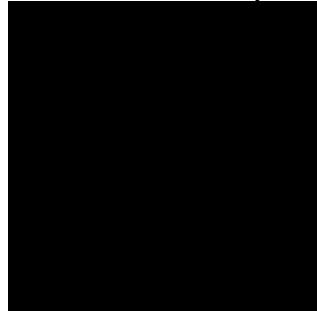
Rg 0.0

Gammut Index
(Rg)

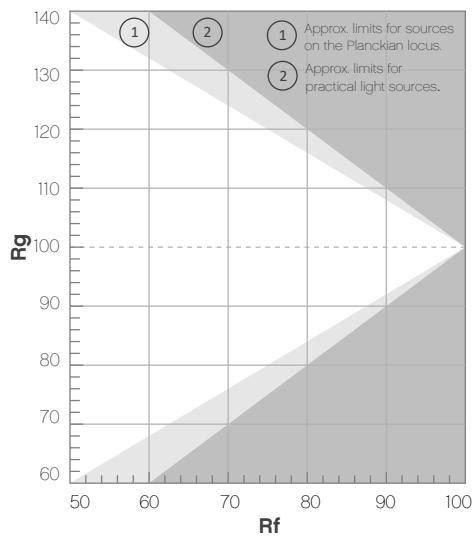
Color Vector Graphic



Color Distortion Graphic



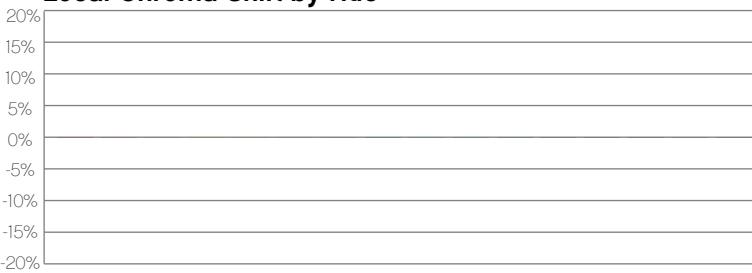
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Blue

Report Summary

Measurements

Fixture Output: 419 lm
Fixture Peak: 1823 cd
Fixture Efficacy: 10 lm/W
Intensity @ 5m: 73 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%): 22.8°
Field Angle (10%): 41.5°
Cutoff Angle (3%): 74°

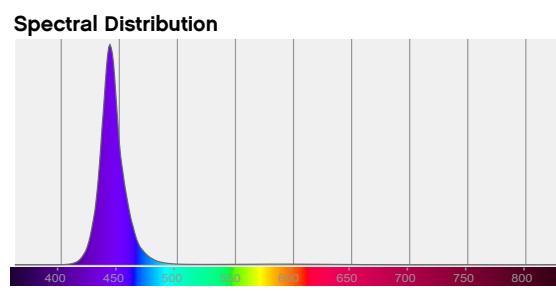
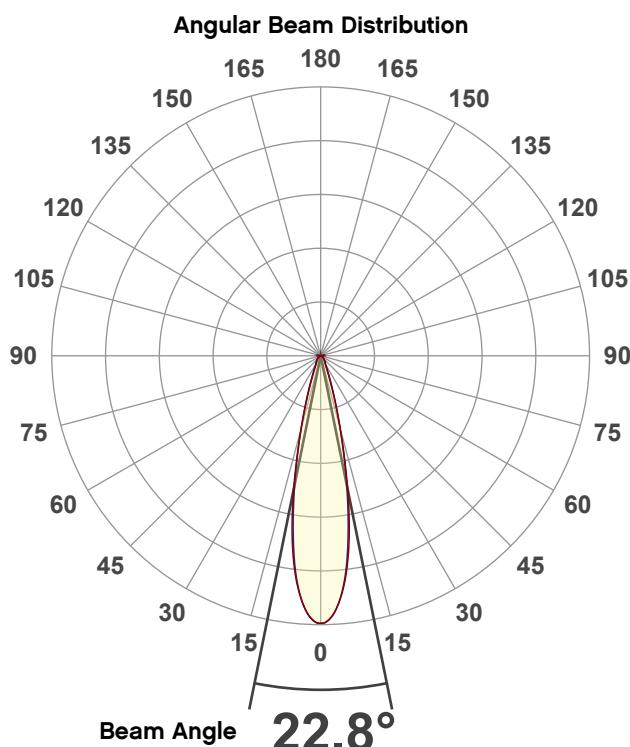


Conditions

AC Supply: 118 V, 60 Hz
Power: 44.02 W
Current: 0.374 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.163
Y: 0.022

Light Quality

CRI: 0.0

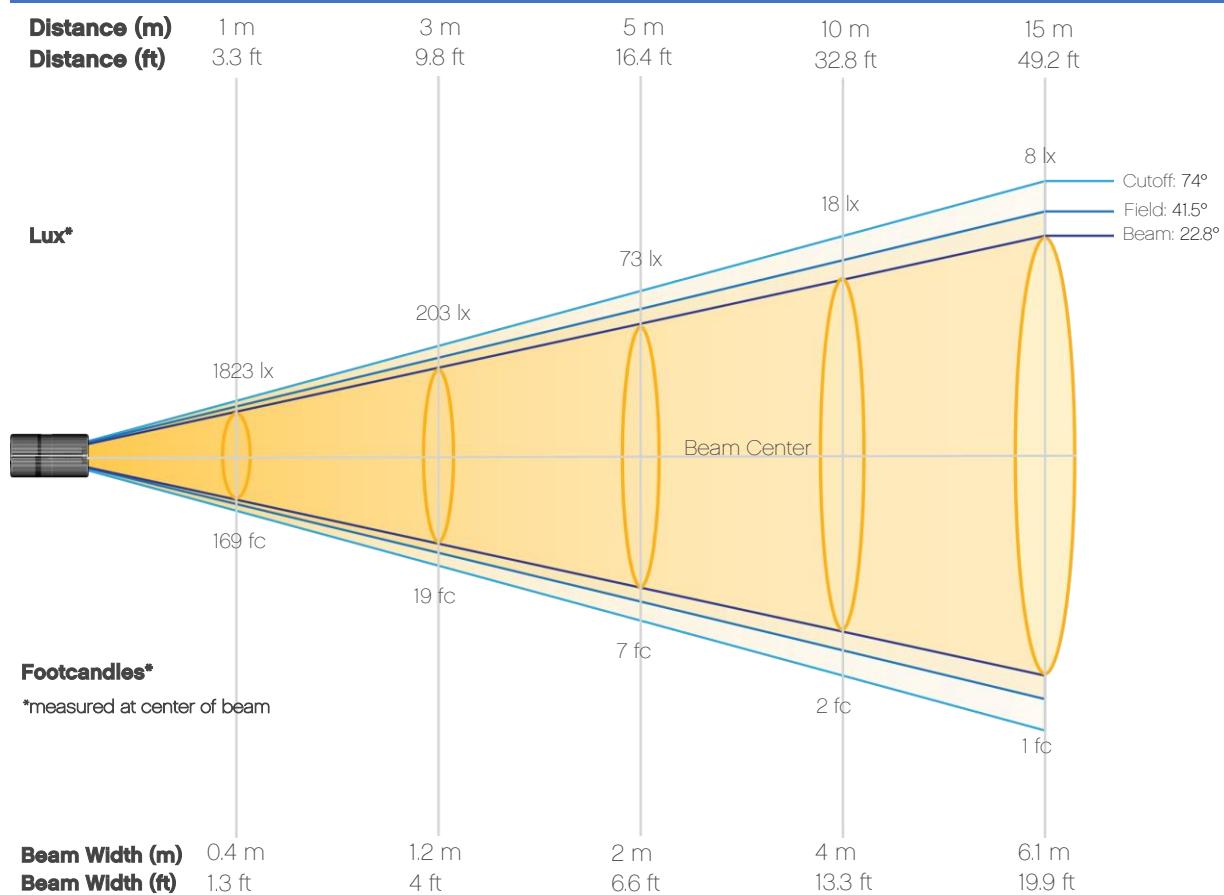
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Blue

Beam Details



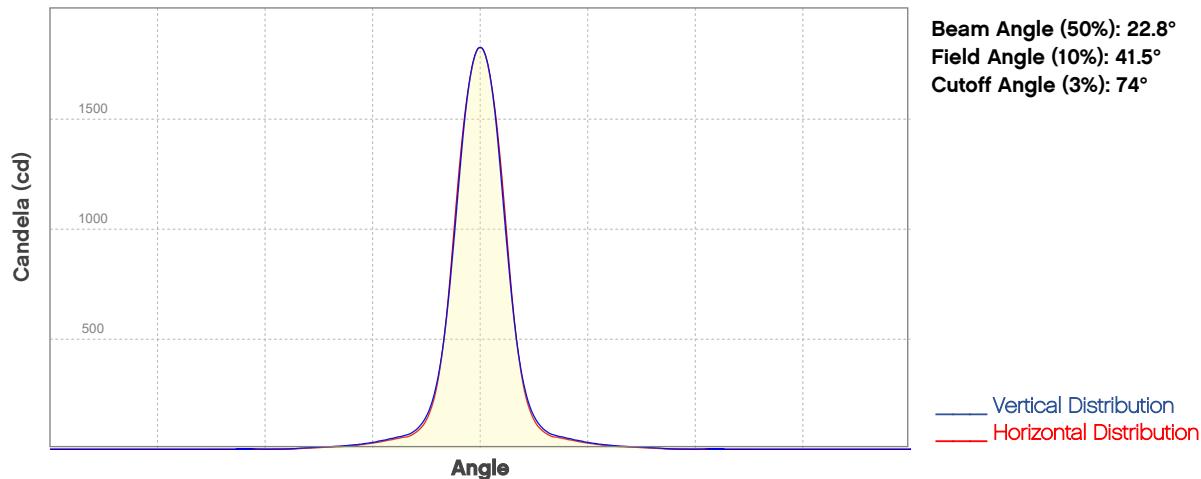
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1823	456	203	114	73	51	37	28	23	18
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	15	13	11	9	8	7	6	6	5	5
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	169	42	19	11	7	5	3	3	2	2
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	1	1	1	1	1	1	0	0

Photometric & Chromaticity Report

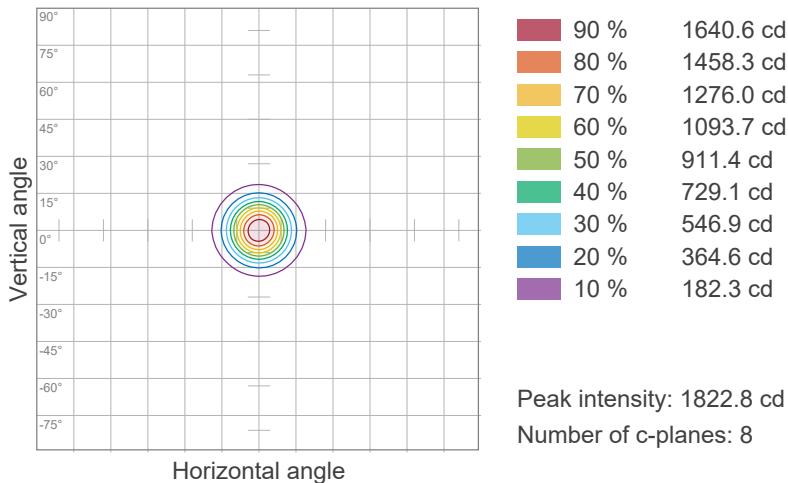
Ovation P-56FC-2: Medium LENS - Blue

Candela Plot

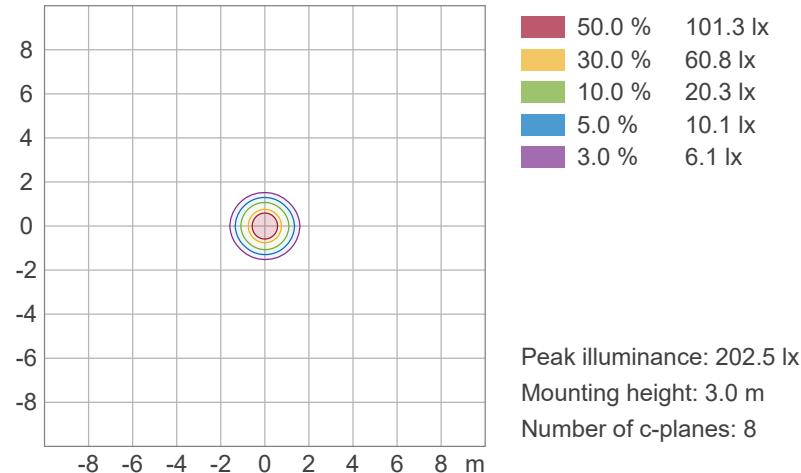


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

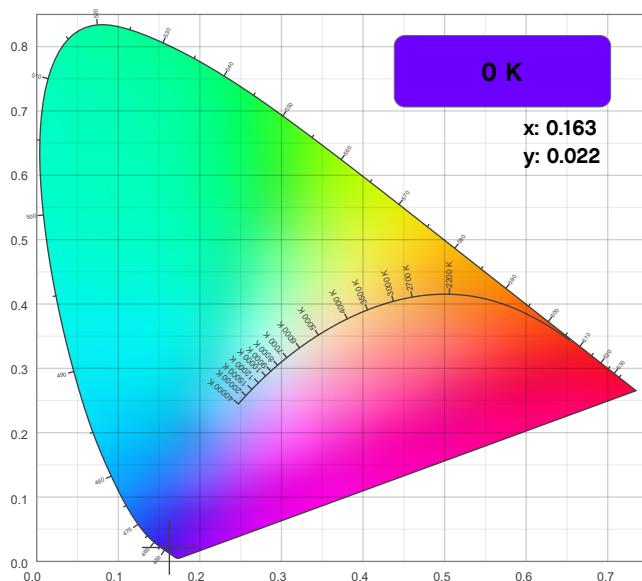


Photometric & Chromaticity Report

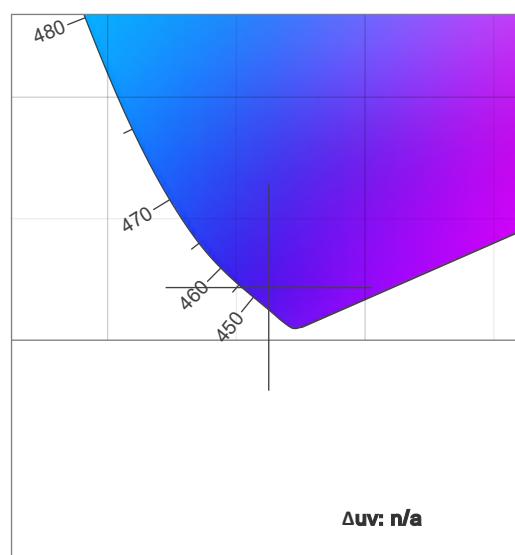
Ovation P-56FC-2: Medium LENS - Blue

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.163	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.022	0.222

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

Ovation P-56FC-2: Medium LENS - Blue

TM-30 Details

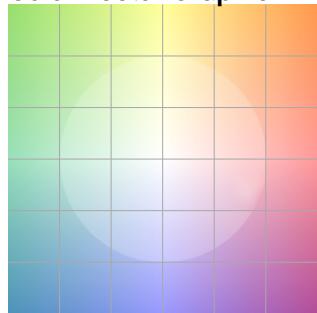
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

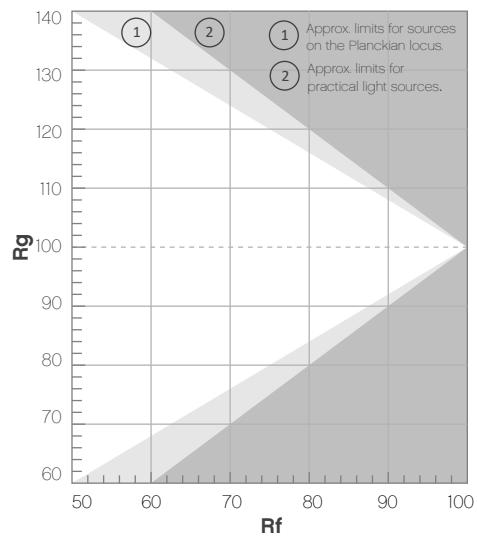
Color Vector Graphic



Color Distortion Graphic



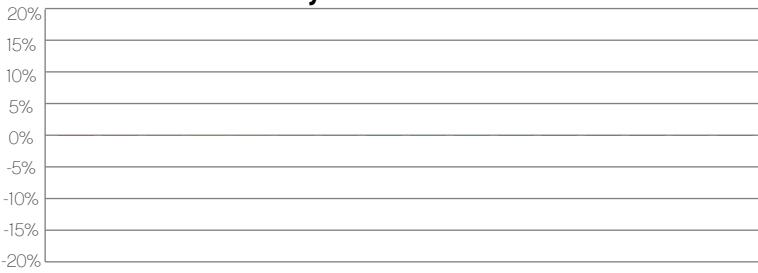
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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All product specifications, measurements and dimensions are subject to change without notice

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Amber

Report Summary

Measurements

Fixture Output: 1874 lm
Fixture Peak: 8316 cd
Fixture Efficacy: 37 lm/W
Intensity @ 5m: 332 lux
Color Temperature: 1760 K
CRI: 41.5 CRI R9 Value: -97.8
CQS: 35.6
TLCI: 15
TM-30 Rf: 52.7
TM-30 Rg: 72.3
Beam Angle (50%): 22.9°
Field Angle (10%): 41.1°
Cutoff Angle (3%): 72.3°

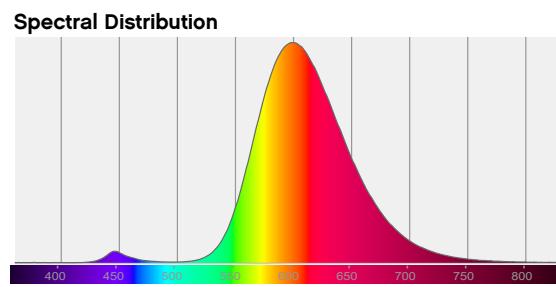
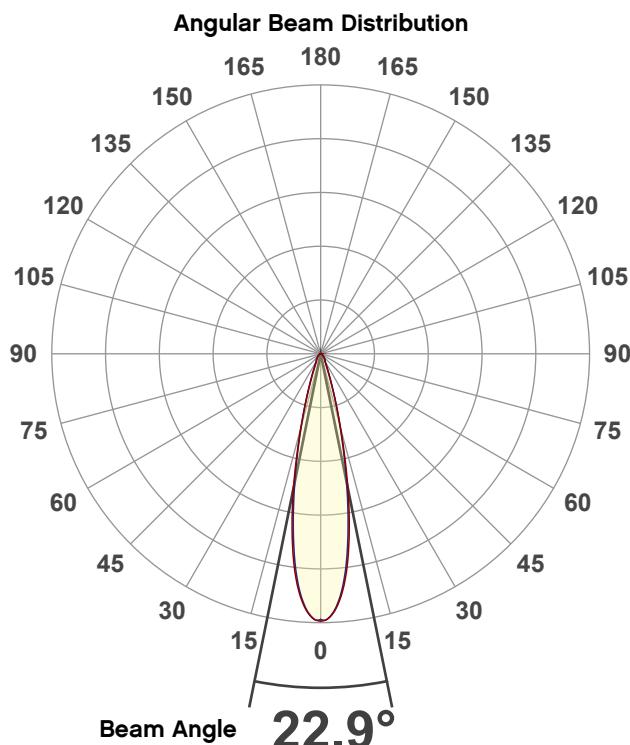


Conditions

AC Supply: 118 V, 60 Hz
Power: 52.86 W
Current: 0.448 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.562
Y: 0.417

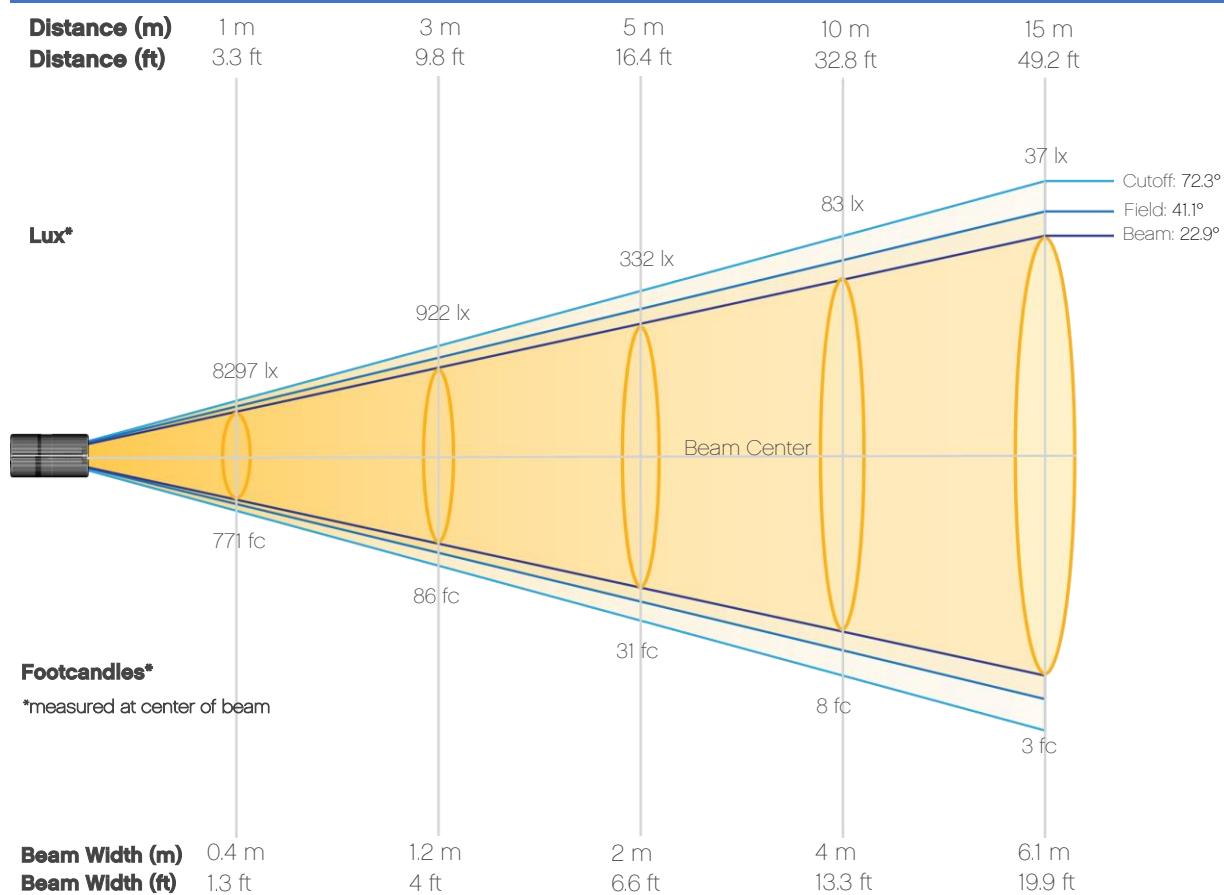
Light Quality
CRI: 41.5

Color Temperature
1760 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Amber

Beam Details



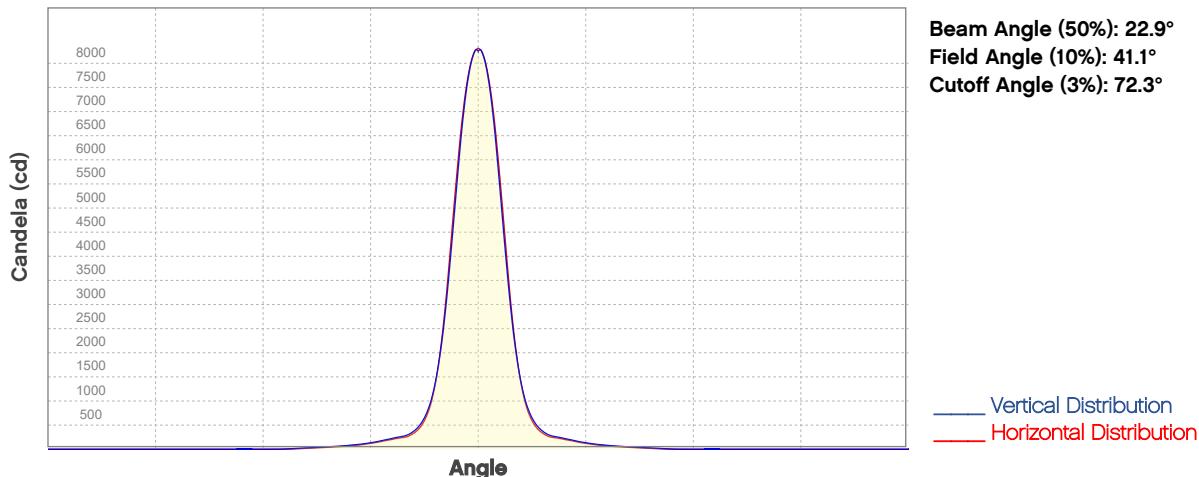
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8297	2074	922	519	332	230	169	130	102	83
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	69	58	49	42	37	32	29	26	23	21
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	771	193	86	48	31	21	16	12	10	8
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	6	5	5	4	3	3	3	2	2	2

Photometric & Chromaticity Report

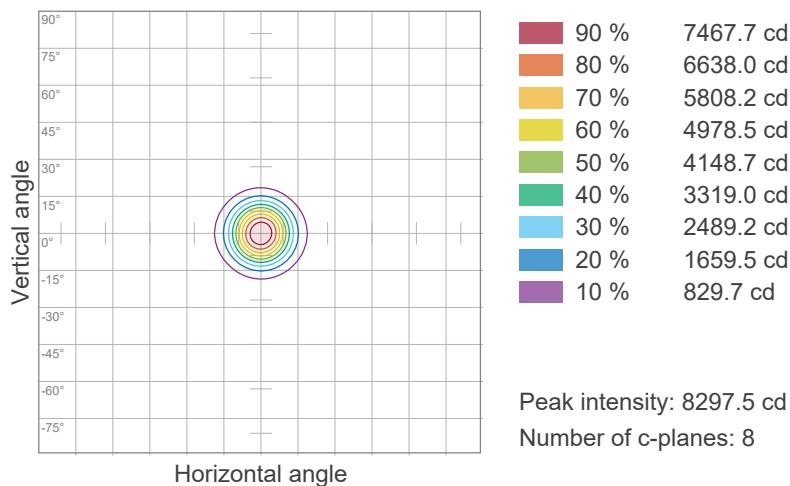
Ovation P-56FC-2: Medium LENS - Amber

Candela Plot

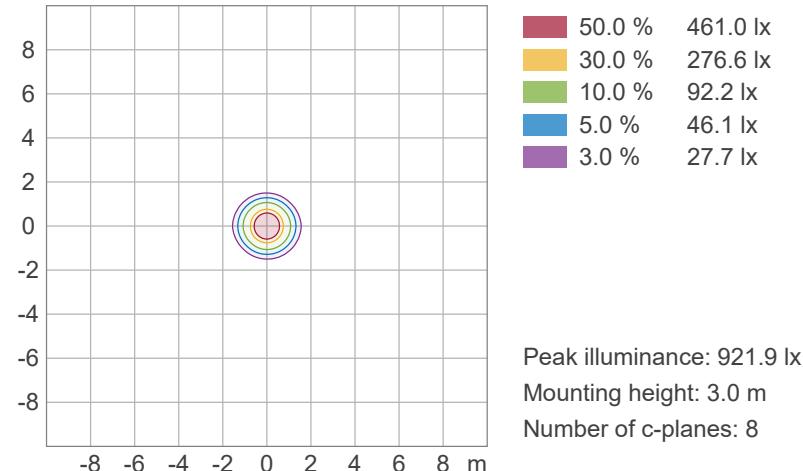


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

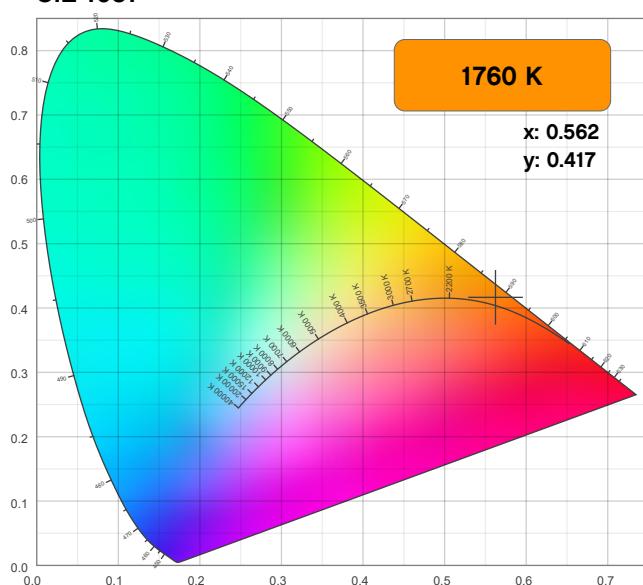


Photometric & Chromaticity Report

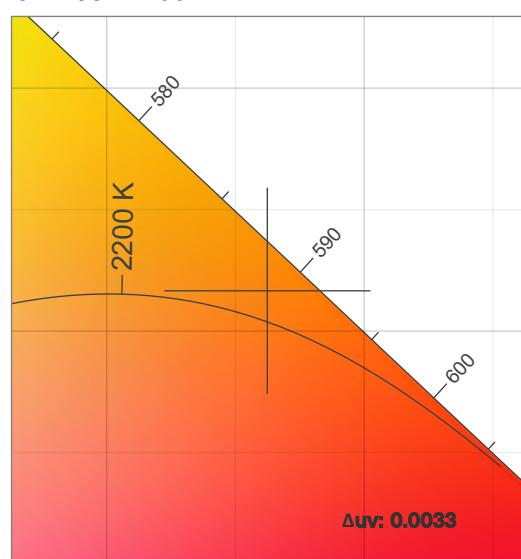
Ovation P-56FC-2: Medium LENS - Amber

Chromaticity

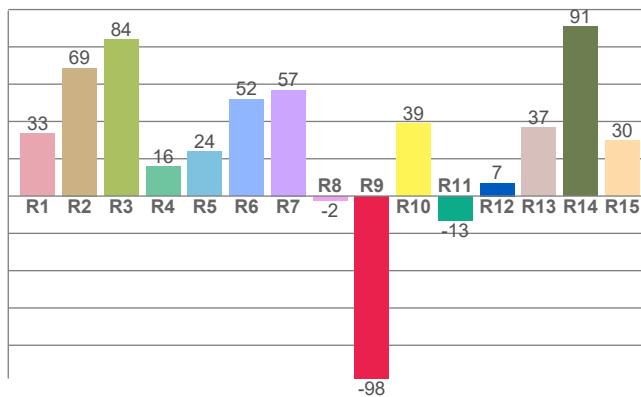
CIE 1931



CIE 1931 - Zoom



CRI: 41.5 (R1-R8)

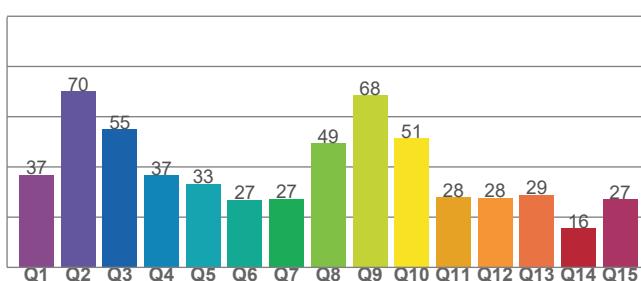


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1760 K	0.562	0.417

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0033	0.417	0.327

CQS: 35.6



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
41.5	-97.8	35.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
15	52.7	72.3

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Amber

TM-30 Details

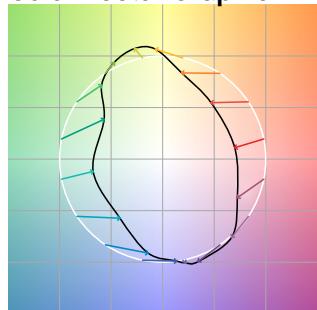
Rf 52.7

Fidelity Index
(Rg)

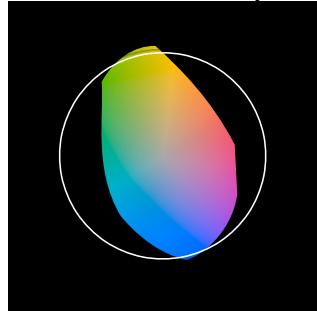
Rg 72.3

Gammut Index
(Rg)

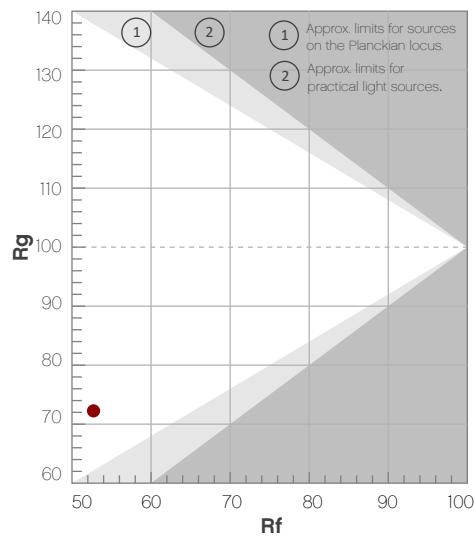
Color Vector Graphic



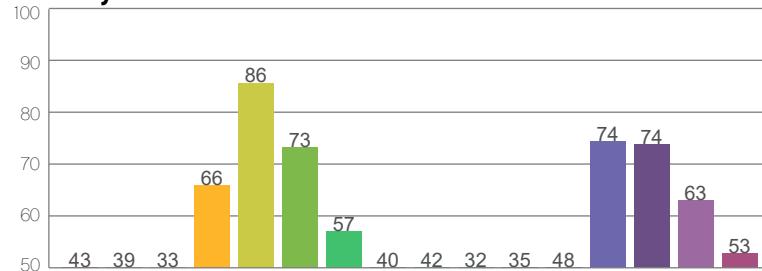
Color Distortion Graphic



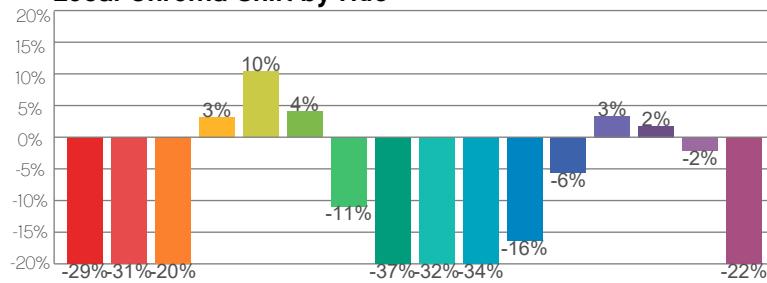
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	43	-29%	-3%
2	39	-31%	19%
3	33	-20%	31%
4	66	3%	28%
5	86	10%	6%
6	73	4%	-13%
7	57	-11%	-27%
8	40	-37%	-27%
9	42	-32%	-1%
10	32	-34%	25%
11	35	-16%	39%
12	48	-6%	33%
13	74	3%	2%
14	74	2%	-27%
15	63	-2%	-26%
16	53	-22%	-23%



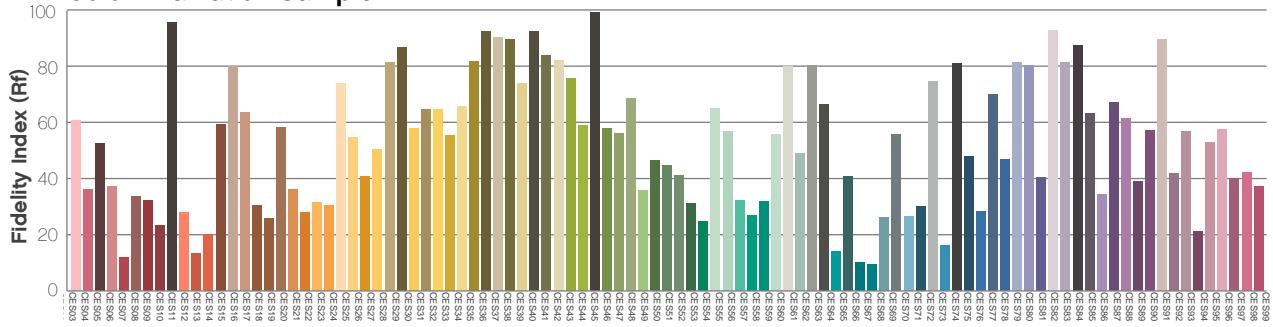
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Lime

Report Summary

Measurements

Fixture Output: 3502 lm
Fixture Peak: 15418 cd
Fixture Efficacy: 70 lm/W
Intensity @ 5m: 616 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%): 22.9°
Field Angle (10%): 41.3°
Cutoff Angle (3%): 73°

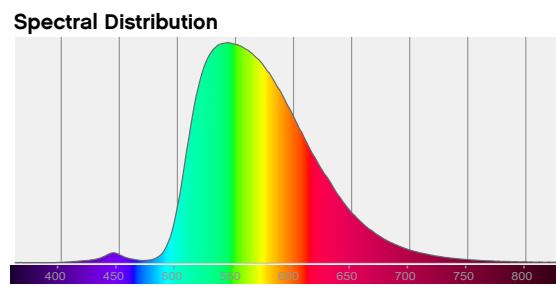
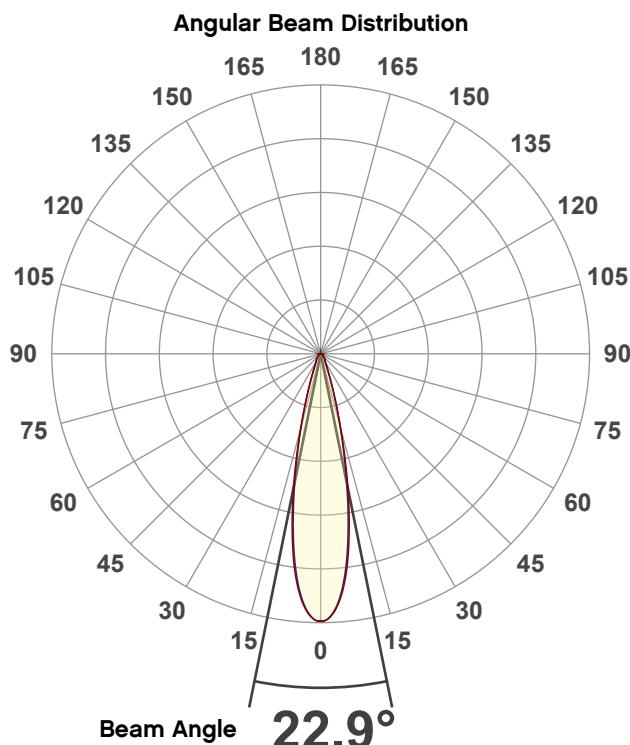


Conditions

AC Supply: 118 V, 60 Hz
Power: 51.88 W
Current: 0.439 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.412
Y: 0.550

Light Quality

CRI: 0.0

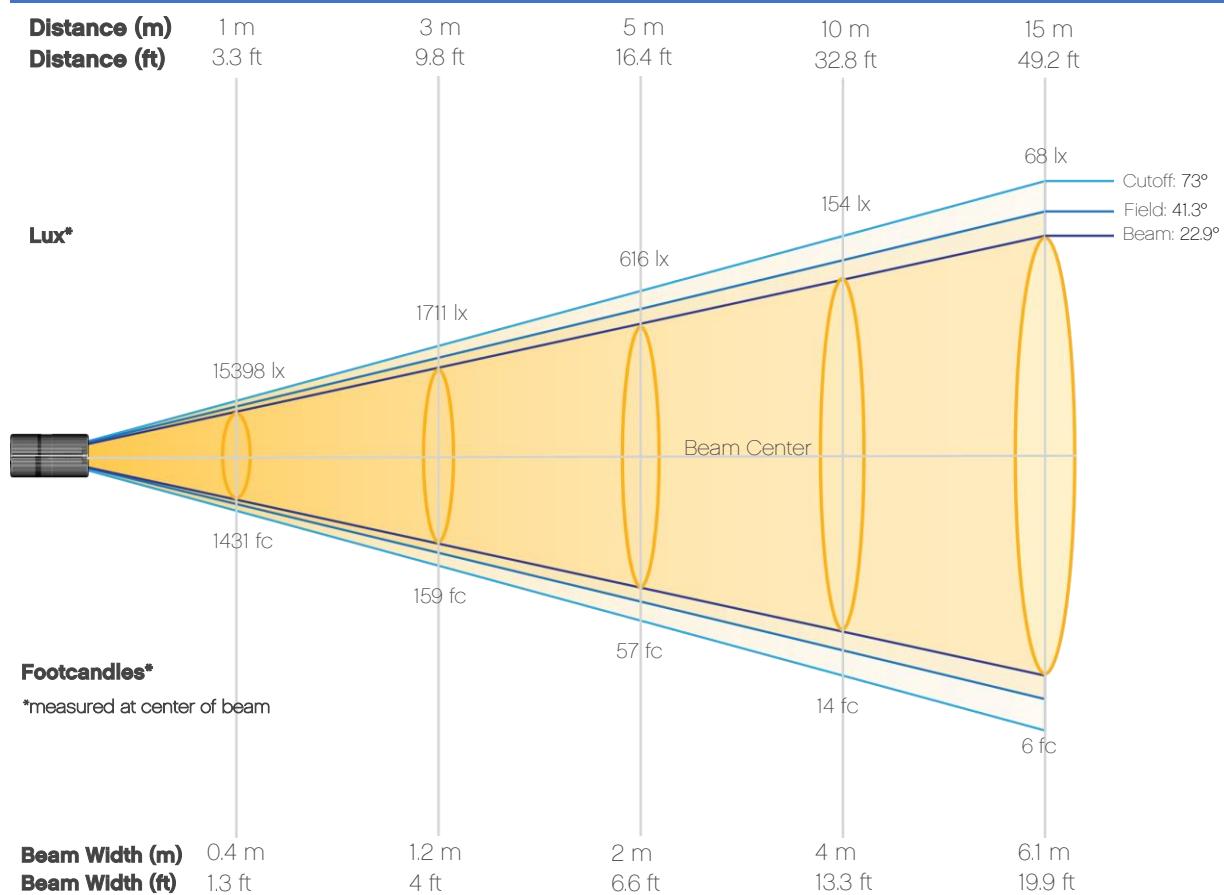
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Lime

Beam Details



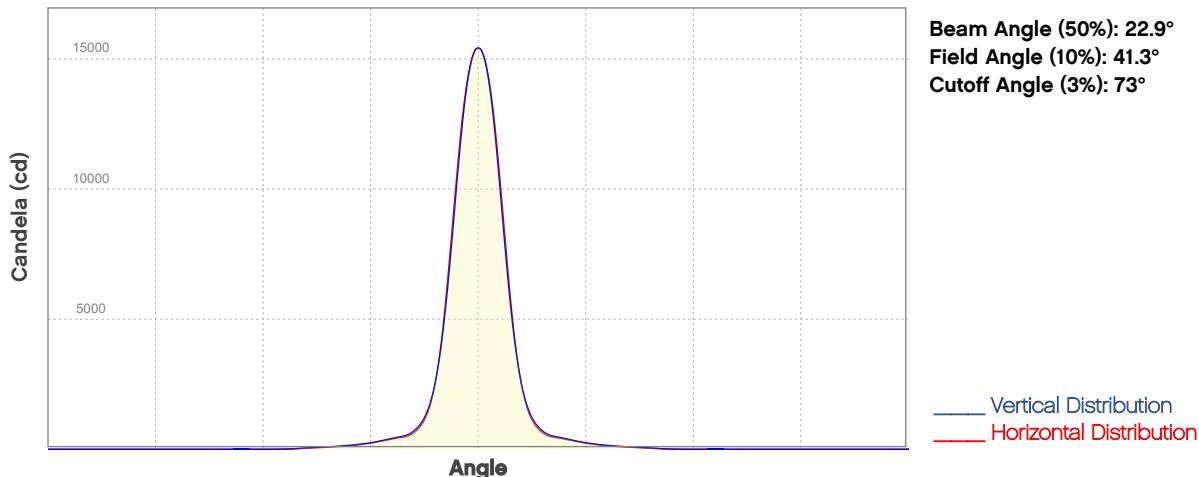
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	15398	3850	1711	962	616	428	314	241	190	154
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	127	107	91	79	68	60	53	48	43	38
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1431	358	159	89	57	40	29	22	18	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	6	5	4	4	4

Photometric & Chromaticity Report

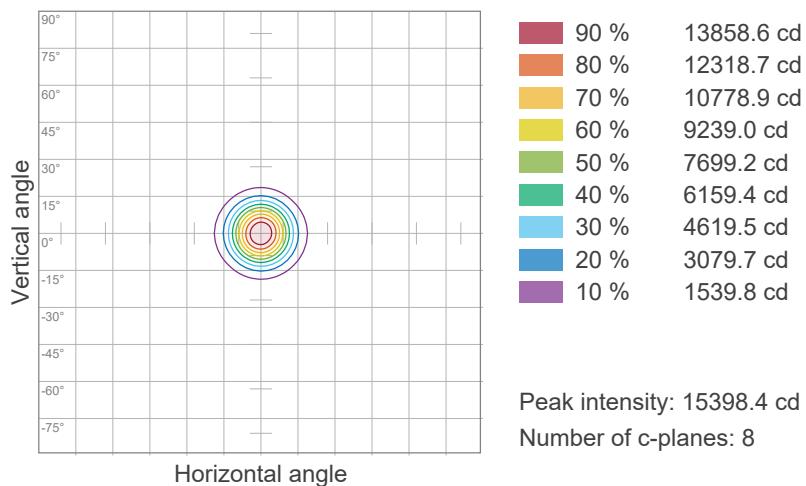
Ovation P-56FC-2: Medium LENS - Lime

Candela Plot

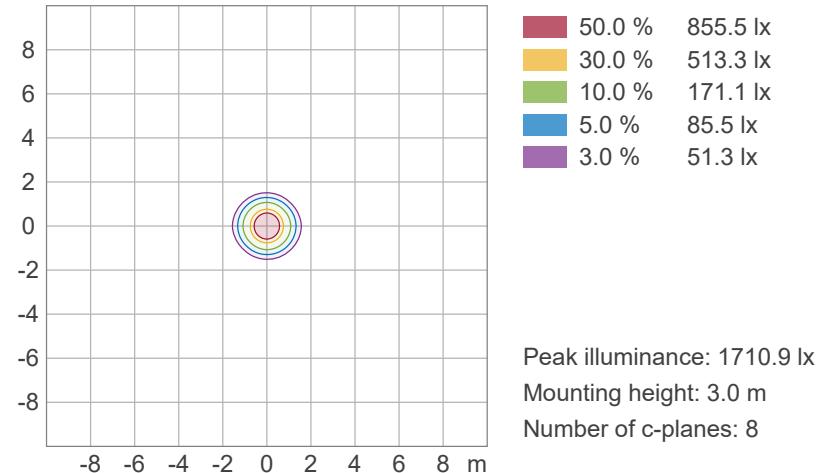


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

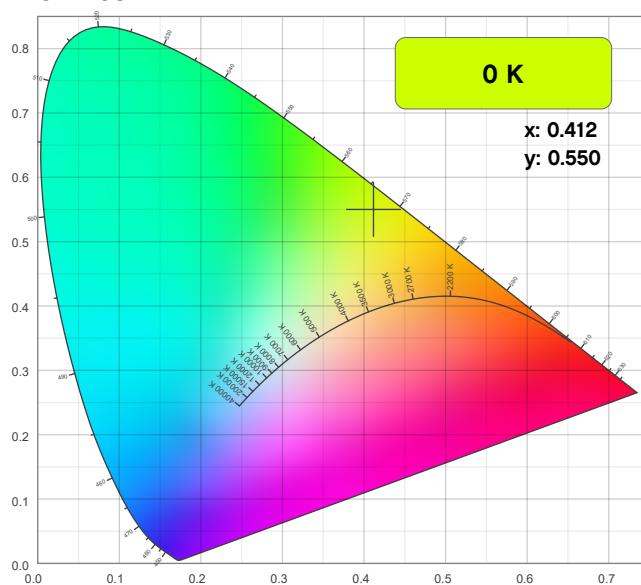


Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - Lime

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.412	0.550

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta u'v'$	y	u
n/a	0.550	0.188

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

Ovation P-56FC-2: Medium LENS - Lime

TM-30 Details

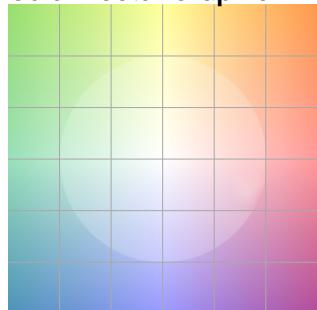
Rf 0.0

Fidelity Index
(Rg)

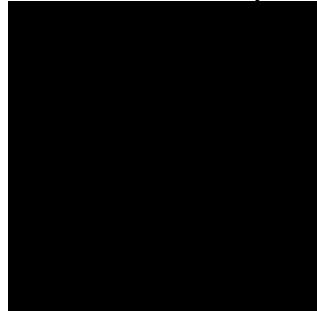
Rg 0.0

Gammut Index
(Rg)

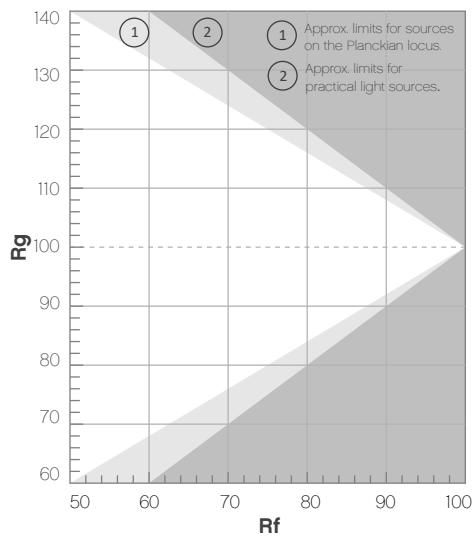
Color Vector Graphic



Color Distortion Graphic



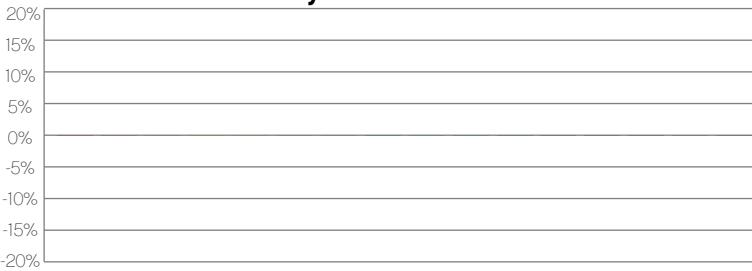
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 3200K

Report Summary

Measurements

Fixture Output: 6717 lm
Fixture Peak: 29749 cd
Fixture Efficacy: 47 lm/W
Intensity @ 5m: 1189 lux
Color Temperature: 3212 K
CRI: 87.9 CRI R9 Value: 97.6
CQS: 84.8
TLCI: 56
TM-30 Rf: 81.6
TM-30 Rg: 111.0
Beam Angle (50%): 22.8°
Field Angle (10%): 41.2°
Cutoff Angle (3%): 72.5°

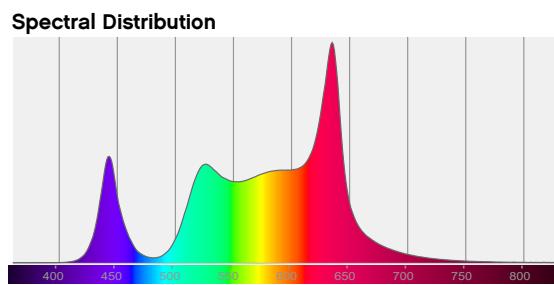
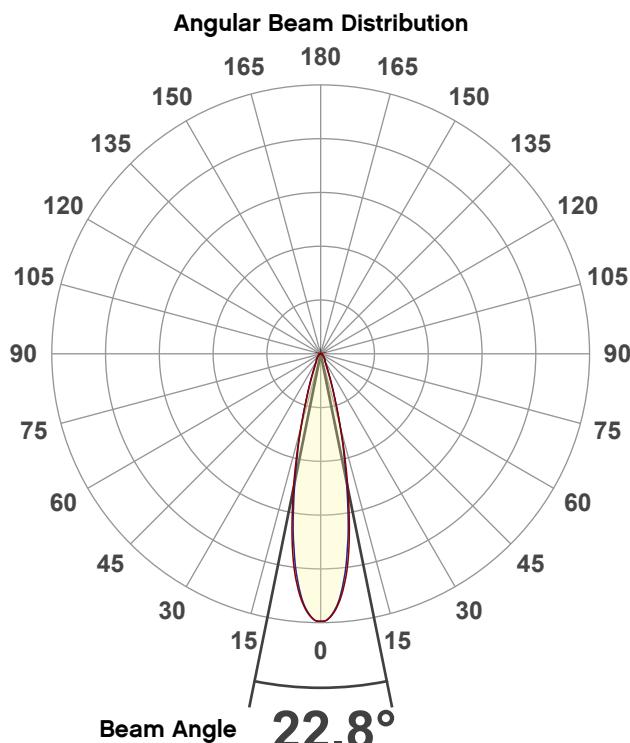


Conditions

AC Supply: 116 V, 60 Hz
Power: 143.54 W
Current: 1.24 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.420
Y: 0.393

Light Quality



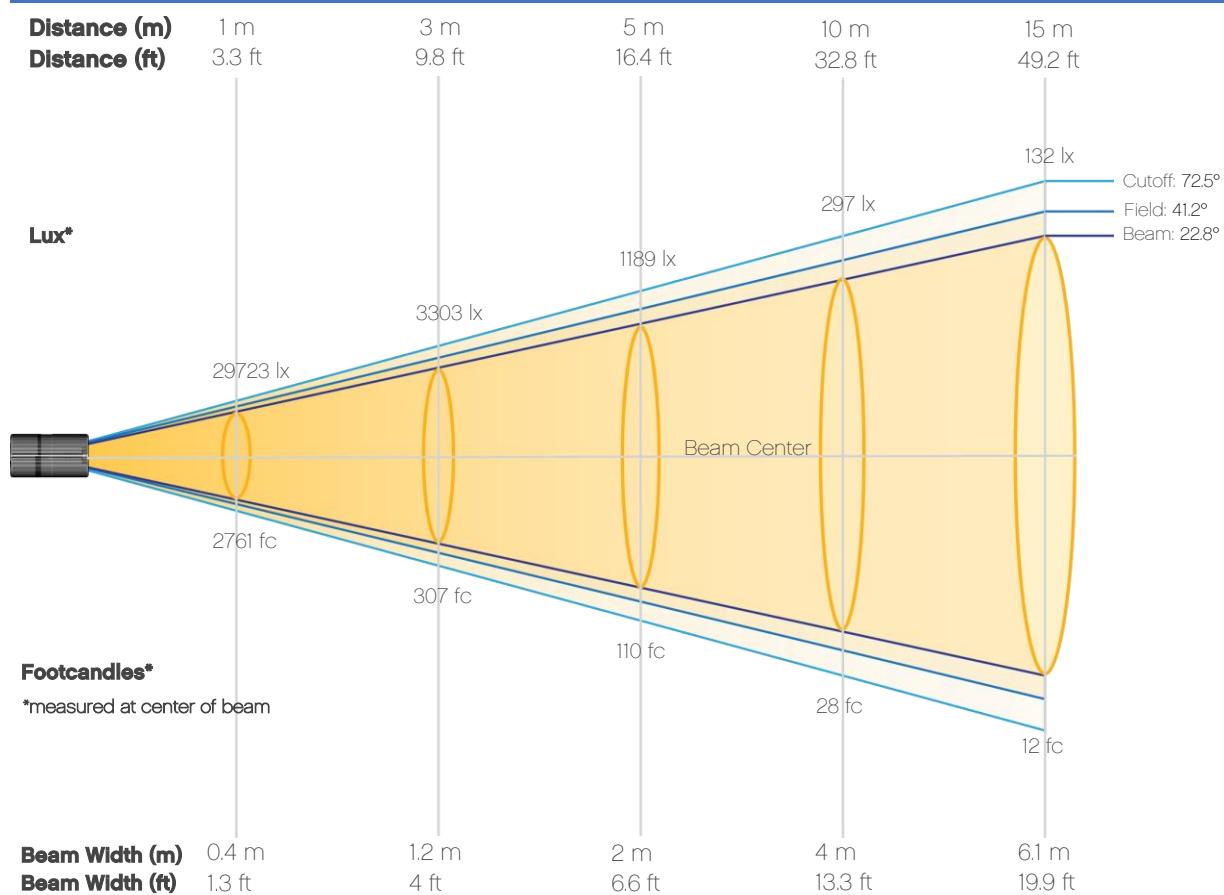
Color Temperature



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 3200K

Beam Details



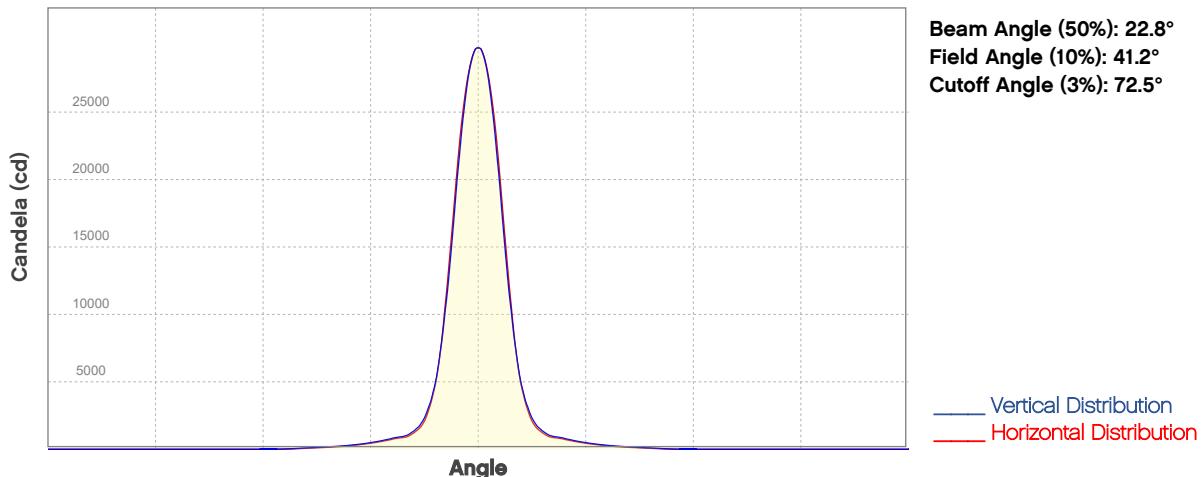
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	29723	7431	3303	1858	1189	826	607	464	367	297
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	246	206	176	152	132	116	103	92	82	74
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2761	690	307	173	110	77	56	43	34	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	19	16	14	12	11	10	9	8	7

Photometric & Chromaticity Report

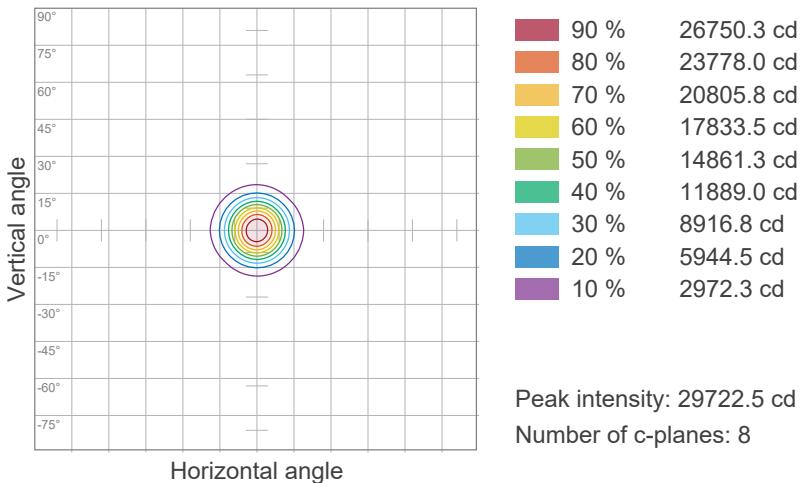
Ovation P-56FC-2: Medium LENS - 3200K

Candela Plot

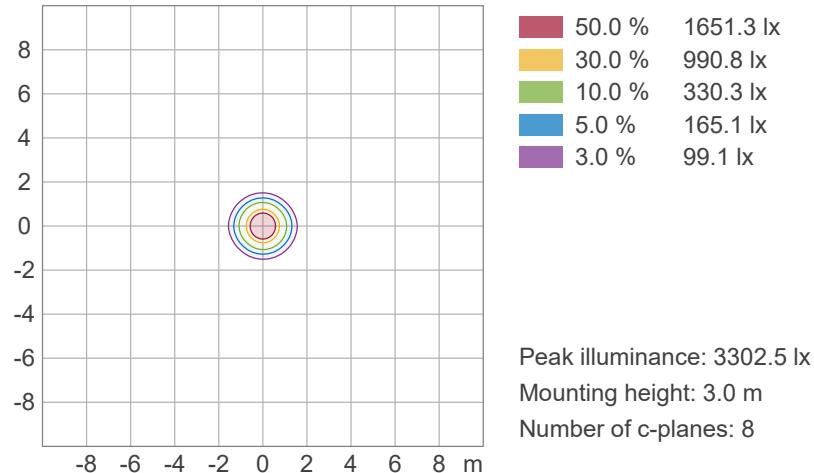


ISO Diagrams

ISO Candela Diagram



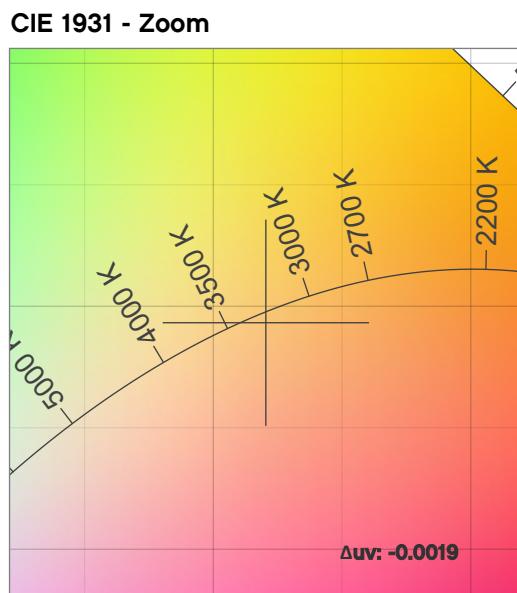
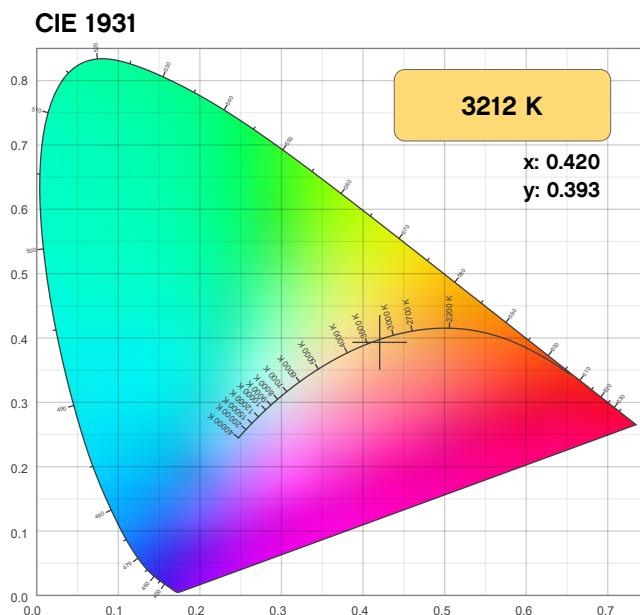
ISO Lux Diagram



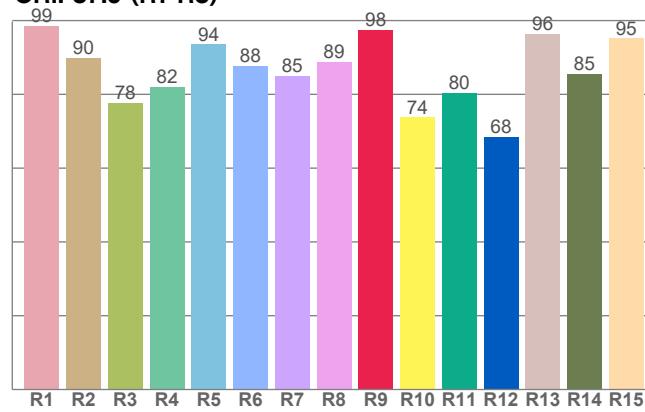
Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 3200K

Chromaticity



CRI: 87.9 (R1-R8)



Color Parameters

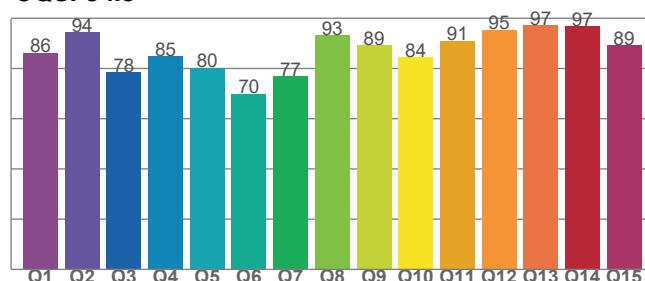
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

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

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

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

CQS: 84.8



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Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 3200K

TM-30 Details

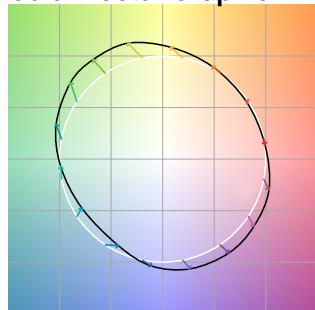
Rf 81.6

Fidelity Index
(Rg)

Rg 111.0

Gammut Index
(Rg)

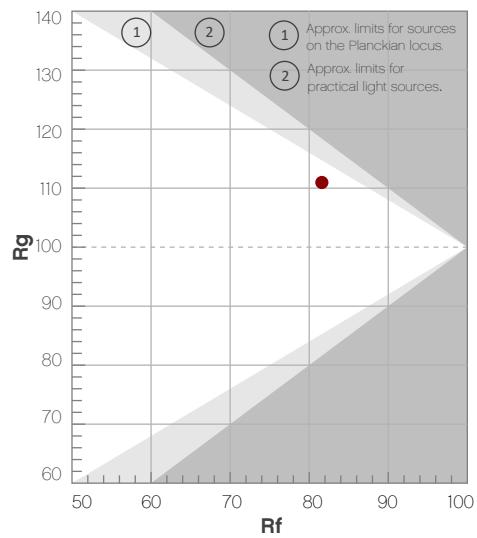
Color Vector Graphic



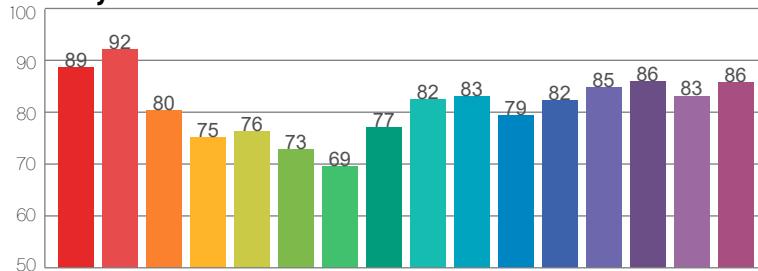
Color Distortion Graphic



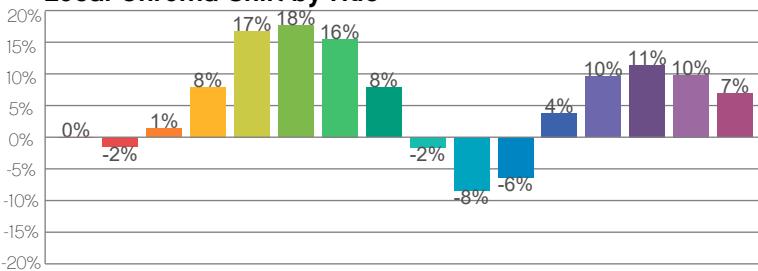
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	89	0%	-6%
2	92	-2%	2%
3	80	1%	10%
4	75	8%	13%
5	76	17%	11%
6	73	18%	3%
7	69	16%	-12%
8	77	8%	-13%
9	82	-2%	-12%
10	83	-8%	-4%
11	79	-6%	11%
12	82	4%	10%
13	85	10%	5%
14	86	11%	3%
15	83	10%	-5%
16	86	7%	-9%



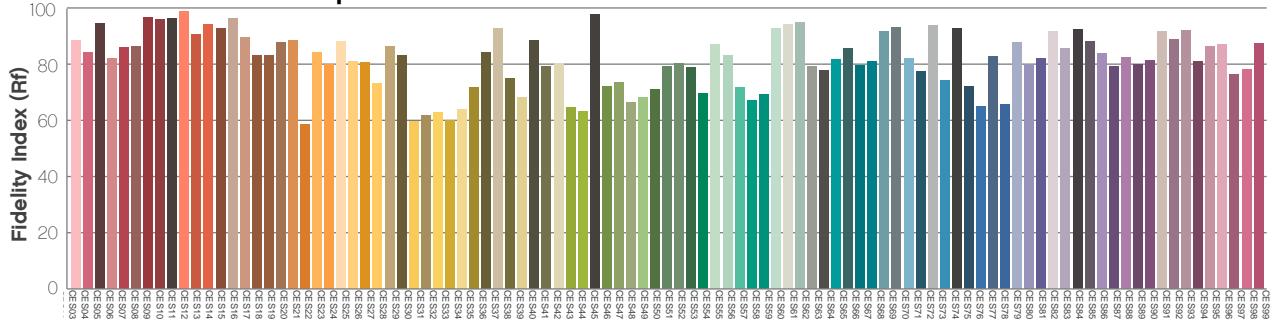
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 4000K

Report Summary

Measurements

Fixture Output: 7040 lm
Fixture Peak: 31220 cd
Fixture Efficacy: 47 lm/W
Intensity @ 5m: 1247 lux
Color Temperature: 3992 K
CRI: 84.9 CRI R9 Value: 94.9
CQS: 85.2
TLCI: 59
TM-30 Rf: 80.8
TM-30 Rg: 109.7
Beam Angle (50%): 22.8°
Field Angle (10%): 41.1°
Cutoff Angle (3%): 72.1°

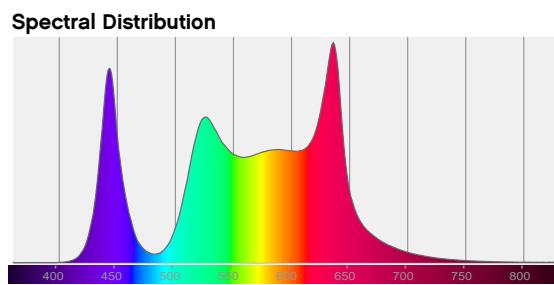
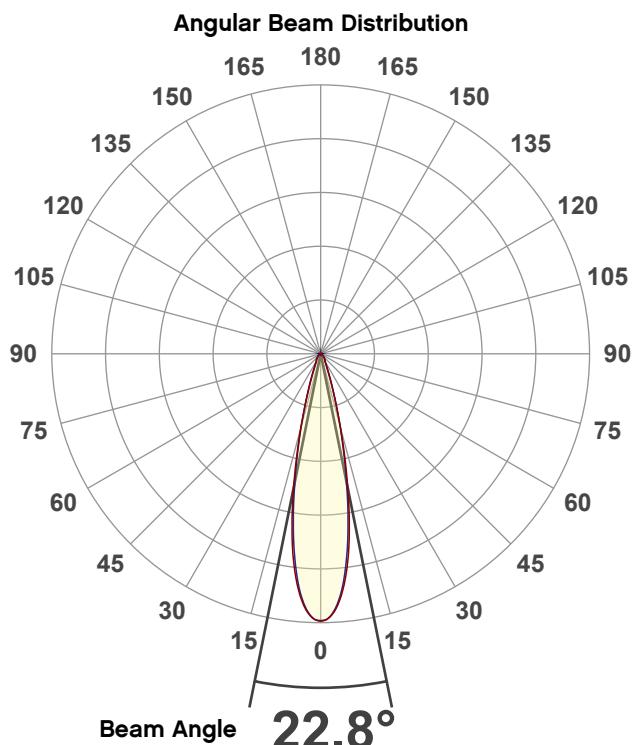


Conditions

AC Supply: 116 V, 60 Hz
Power: 152.35 W
Current: 1.31 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 LabSpiron Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.379
Y: 0.371

Light Quality

CRI: 84.9

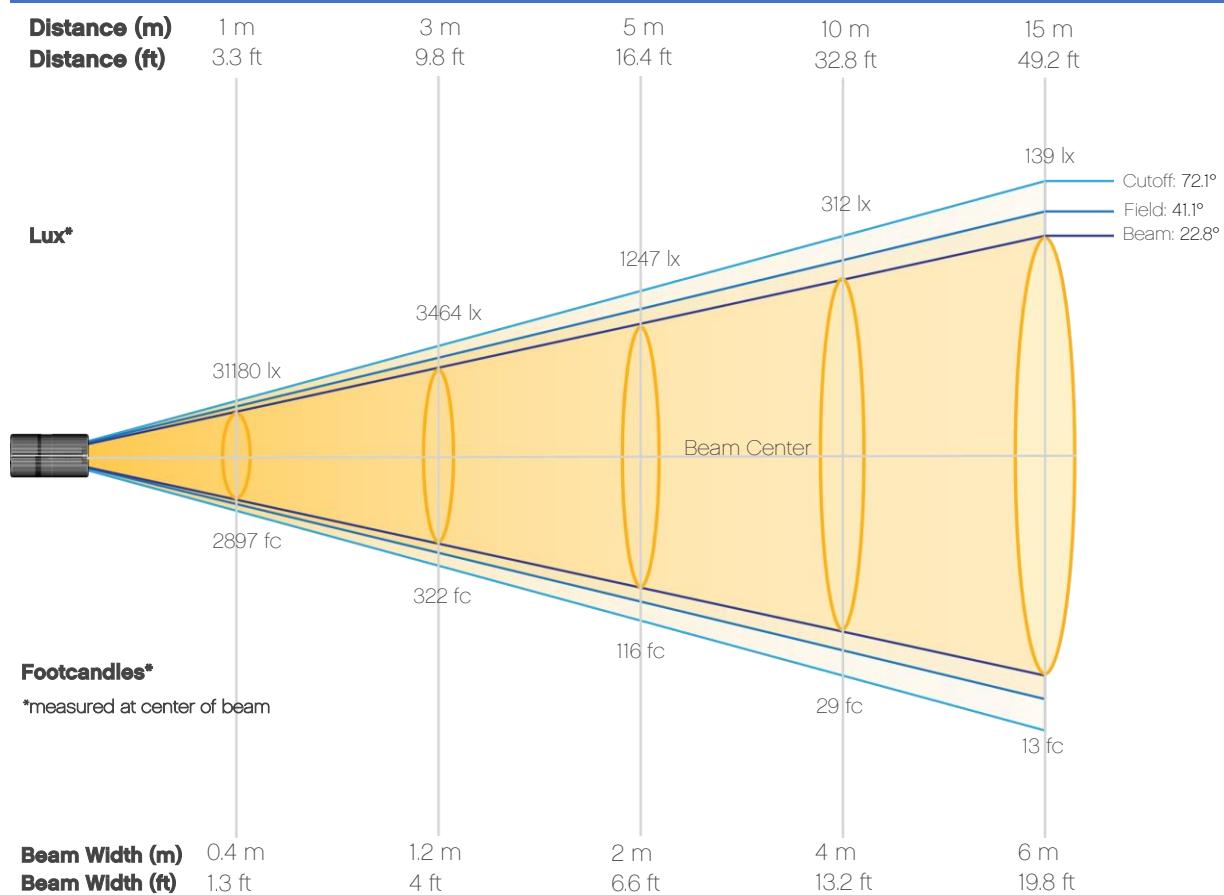
Color Temperature

3992 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 4000K

Beam Details



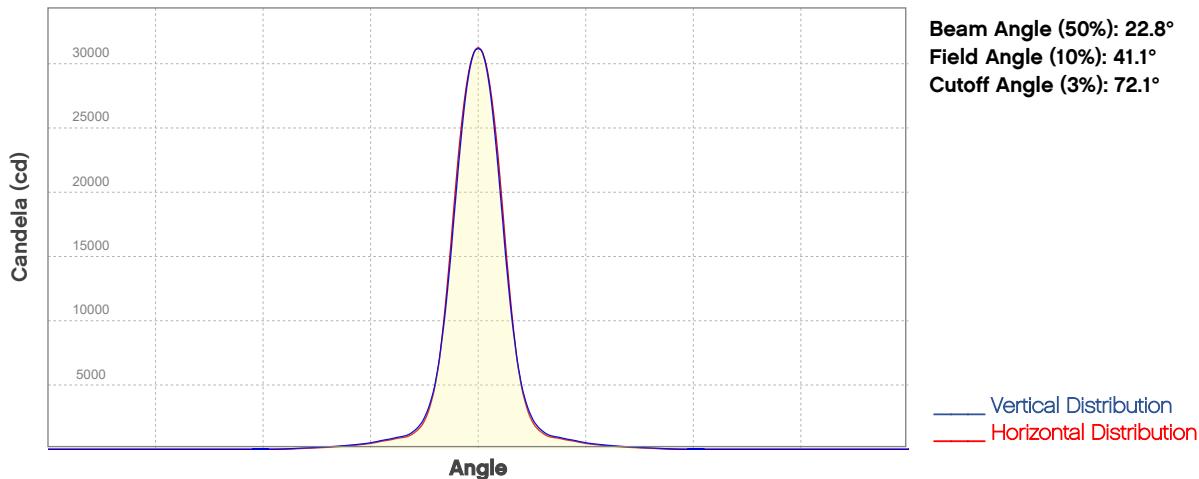
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31180	7795	3464	1949	1247	866	636	487	385	312
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	258	217	184	159	139	122	108	96	86	78
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2897	724	322	181	116	80	59	45	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

Photometric & Chromaticity Report

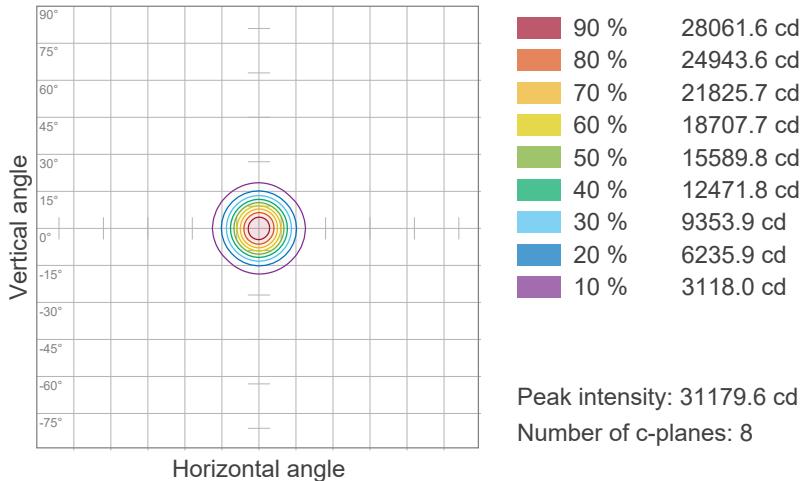
Ovation P-56FC-2: Medium LENS - 4000K

Candela Plot

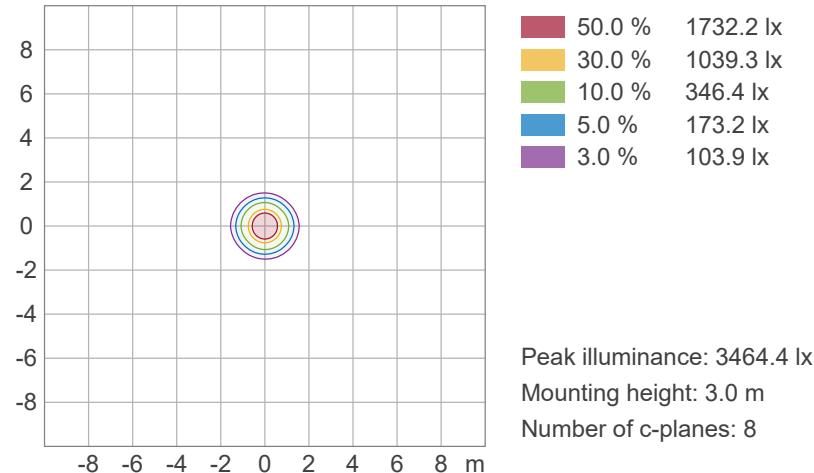


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

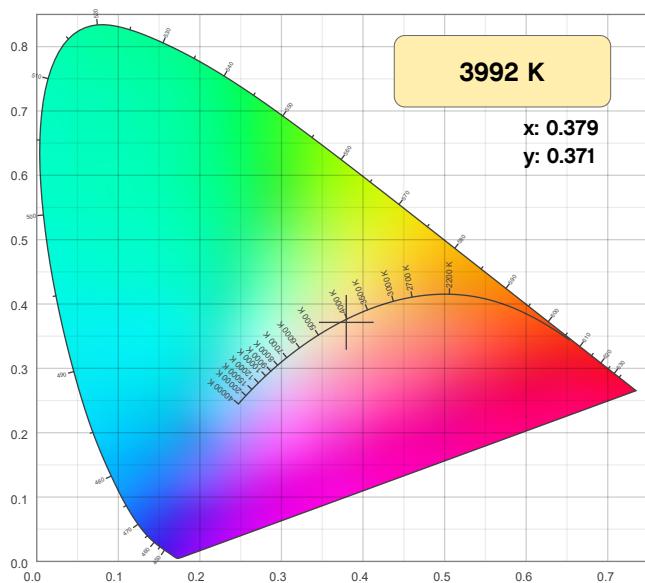


Photometric & Chromaticity Report

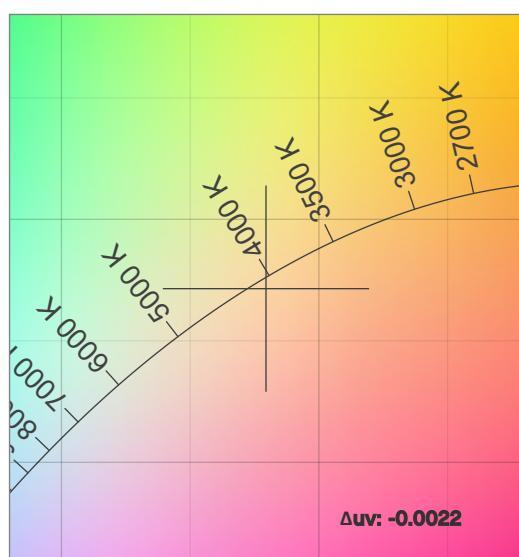
Ovation P-56FC-2: Medium LENS - 4000K

Chromaticity

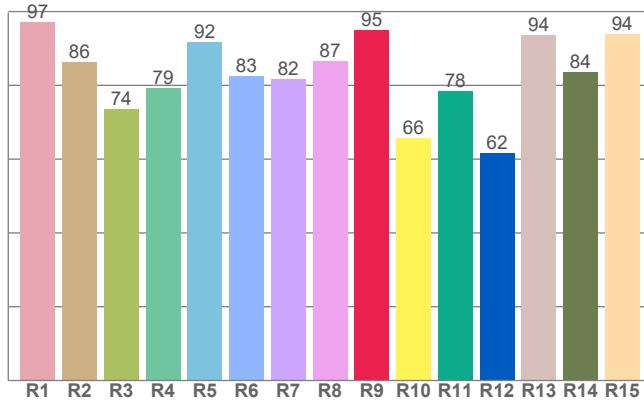
CIE 1931



CIE 1931 - Zoom



CRI: 84.9 (R1-R8)



Color Parameters

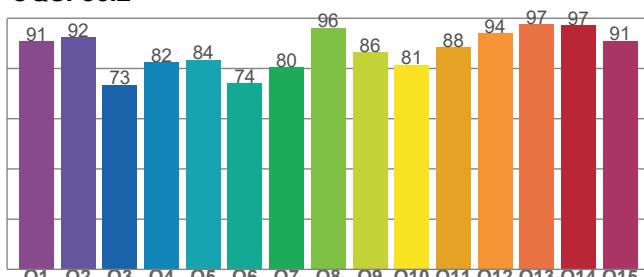
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

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

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

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

CQS: 85.2



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 4000K

TM-30 Details

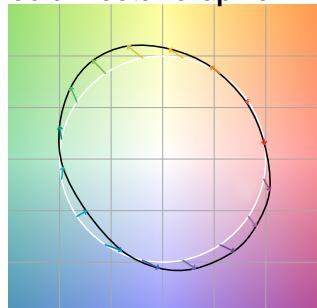
Rf 80.8

Fidelity Index
(Rg)

Rg 109.7

Gammut Index
(Rg)

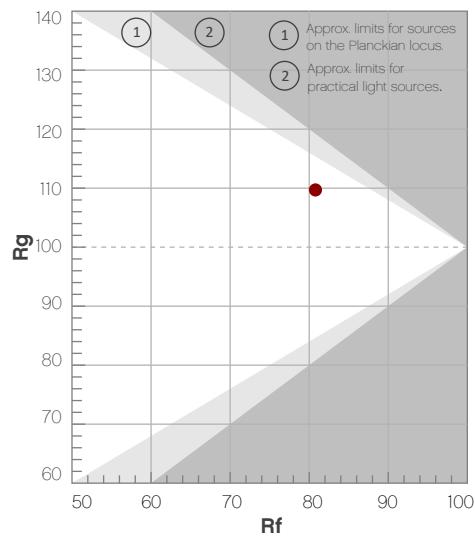
Color Vector Graphic



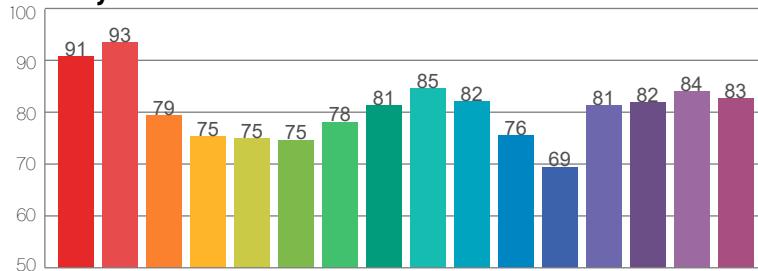
Color Distortion Graphic



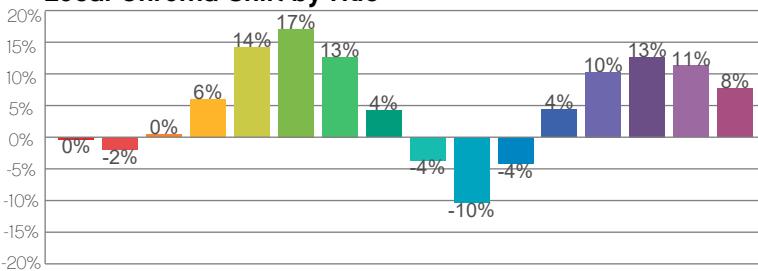
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	91	0%	-5%
2	93	-2%	1%
3	79	0%	11%
4	75	6%	14%
5	75	14%	12%
6	75	17%	3%
7	78	13%	-8%
8	81	4%	-11%
9	85	-4%	-11%
10	82	-10%	1%
11	76	-4%	16%
12	69	4%	17%
13	81	10%	10%
14	82	13%	8%
15	84	11%	-4%
16	83	8%	-9%



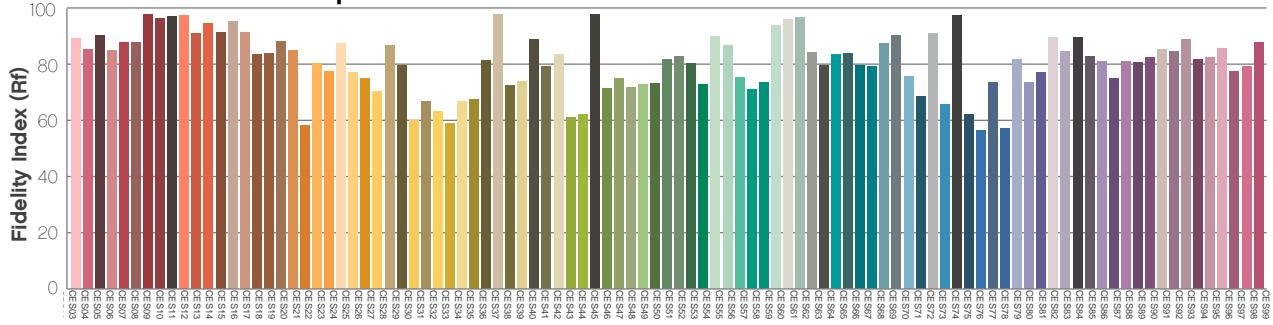
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 5600K

Report Summary

Measurements

Fixture Output: 6616 lm
Fixture Peak: 29449 cd
Fixture Efficacy: 46 lm/W
Intensity @ 5m: 1175 lux
Color Temperature: 5641 K
CRI: 80.6 CRI R9 Value: 95.3
CQS: 82.7
TLCI: 64
TM-30 Rf: 77.2
TM-30 Rg: 110.4
Beam Angle (50%): 22.8°
Field Angle (10%): 41°
Cutoff Angle (3%): 72°

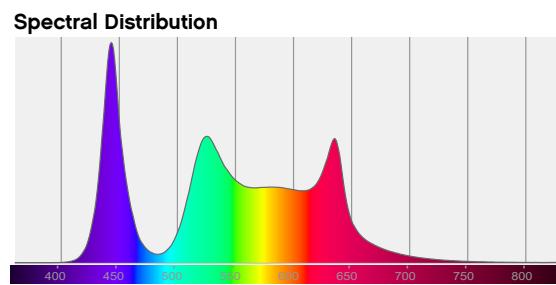
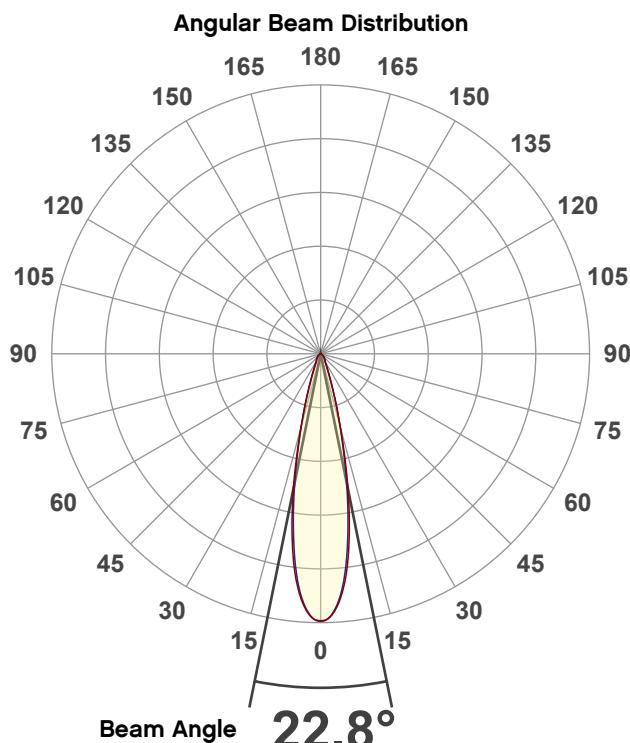


Conditions

AC Supply: 116 V, 60 Hz
Power: 146.26 W
Current: 1.26 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 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.329
Y: 0.334

Light Quality



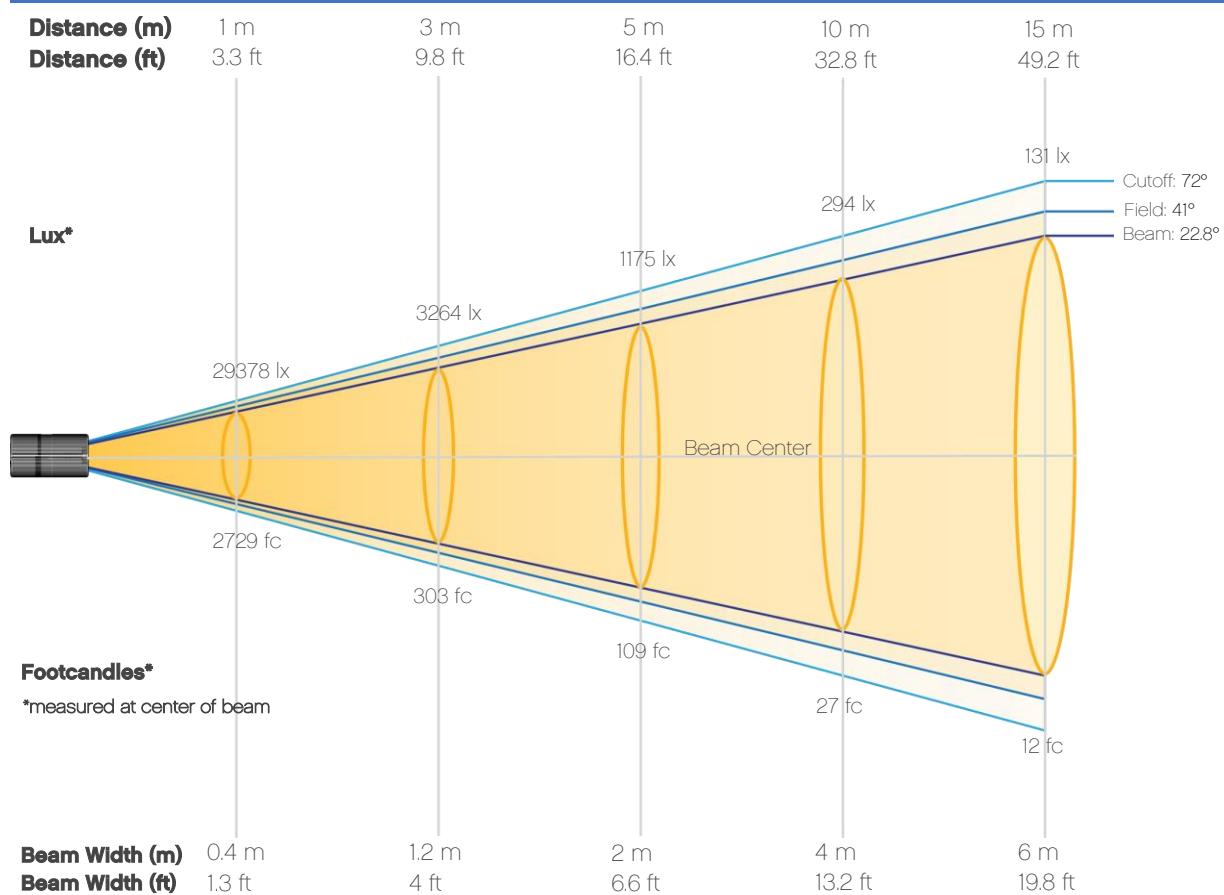
Color Temperature



Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 5600K

Beam Details



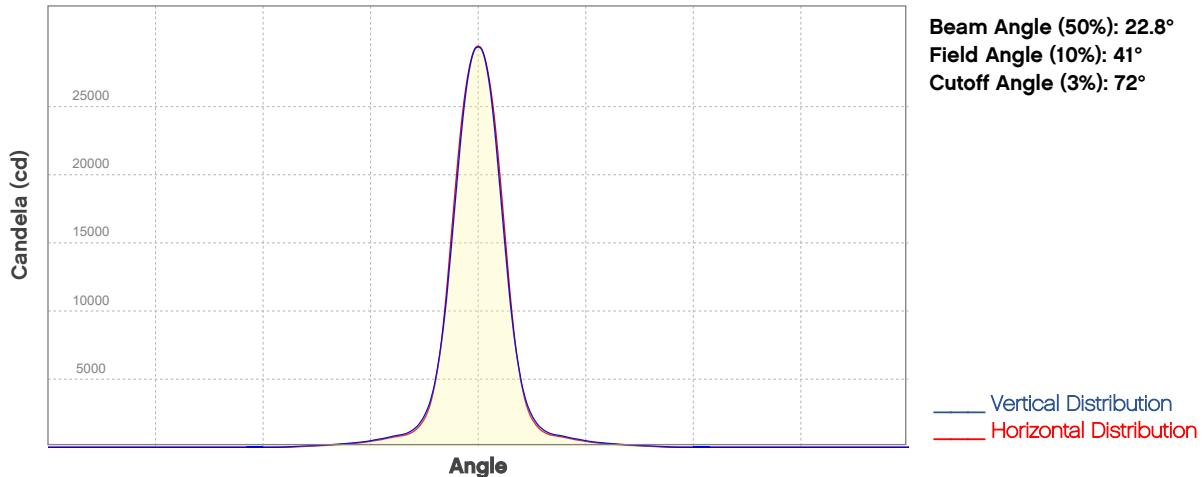
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	29378	7344	3264	1836	1175	816	600	459	363	294
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	243	204	174	150	131	115	102	91	81	73
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2729	682	303	171	109	76	56	43	34	27
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	19	16	14	12	11	9	8	8	7

Photometric & Chromaticity Report

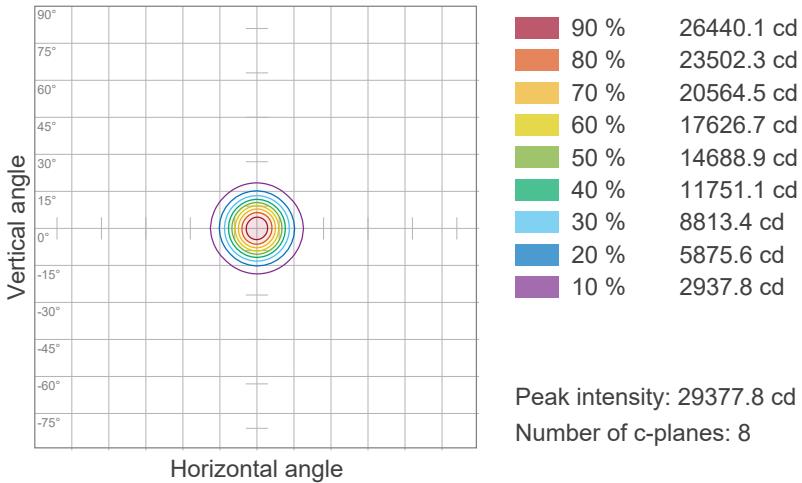
Ovation P-56FC-2: Medium LENS - 5600K

Candela Plot

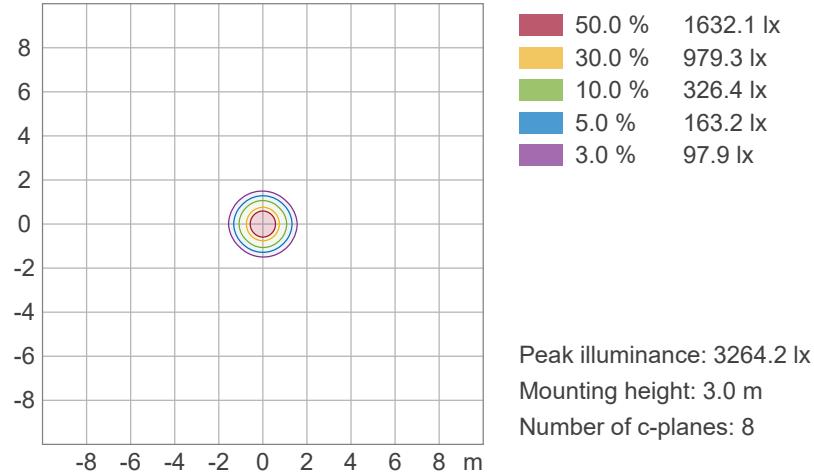


ISO Diagrams

ISO Candela Diagram



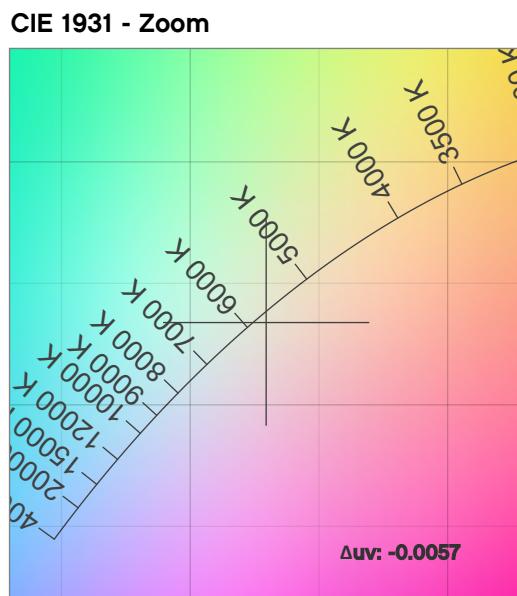
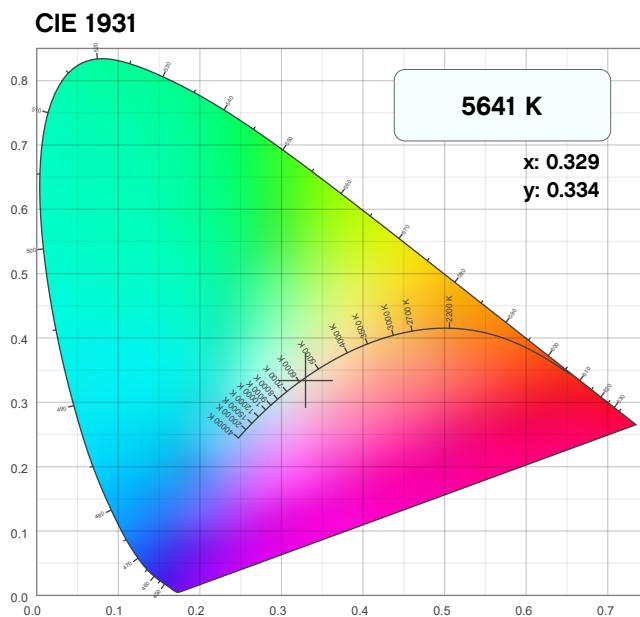
ISO Lux Diagram



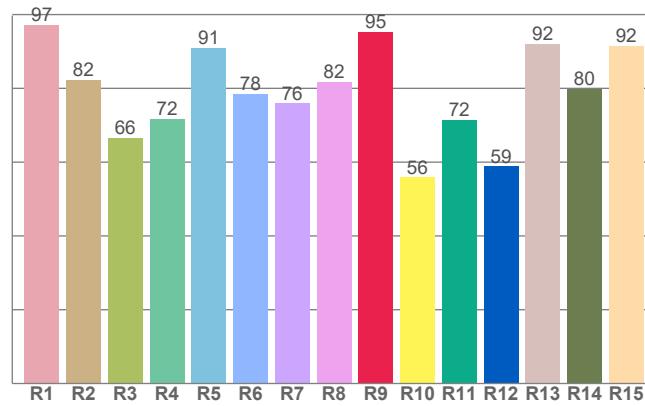
Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 5600K

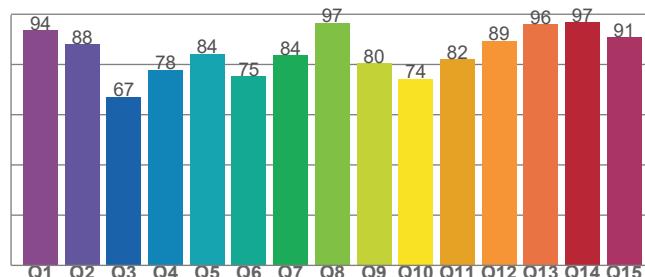
Chromaticity



CRI: 80.6 (R1-R8)



CQS: 82.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

5641 K 0.329 0.334

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

-0.0057 0.334 0.208

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

80.6 95.3 82.7

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

64 77.2 110.4

Photometric & Chromaticity Report

Ovation P-56FC-2: Medium LENS - 5600K

TM-30 Details

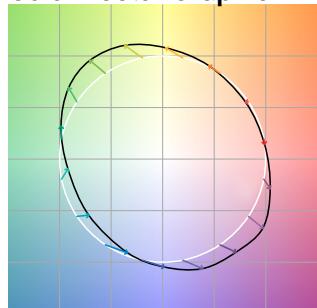
Rf 77.2

Fidelity Index
(Rg)

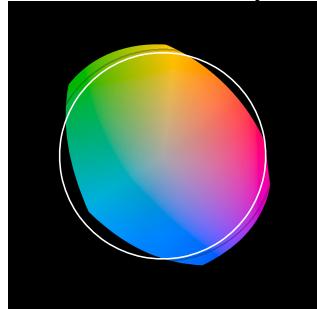
Rg 110.4

Gammut Index
(Rg)

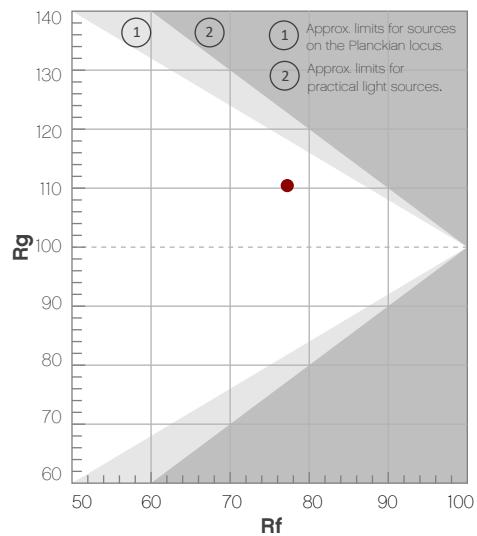
Color Vector Graphic



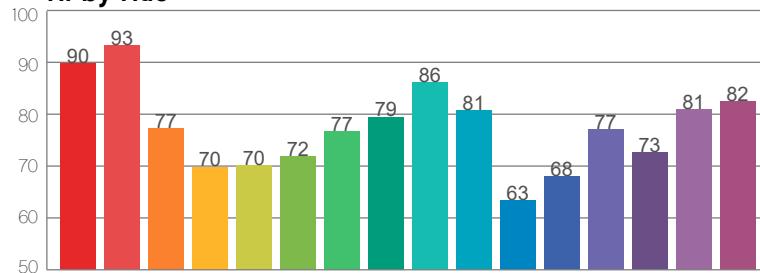
Color Distortion Graphic



Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	90	0%	-5%
2	93	-2%	1%
3	77	0%	13%
4	70	6%	18%
5	70	15%	15%
6	72	19%	6%
7	77	14%	-7%
8	79	3%	-12%
9	86	-8%	-9%
10	81	-10%	5%
11	63	-6%	22%
12	68	2%	22%
13	77	12%	17%
14	73	15%	9%
15	81	18%	-2%
16	82	8%	-8%



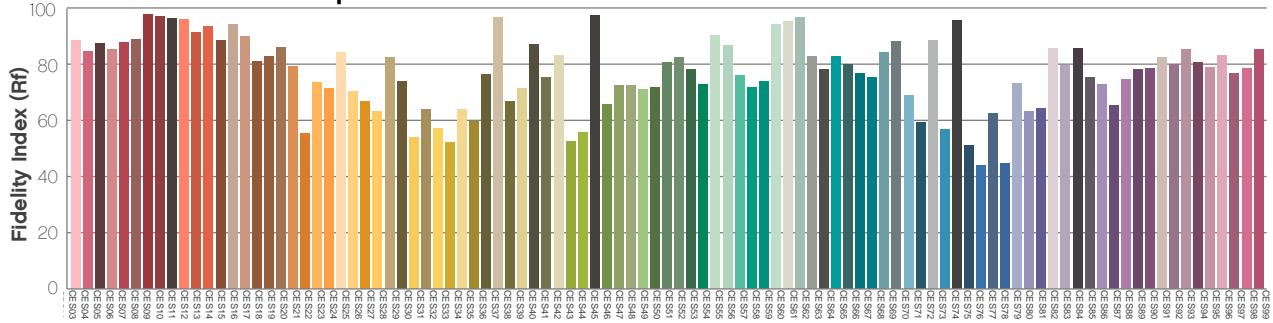
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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All product specifications, measurements and dimensions are subject to change without notice

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Full Power

Report Summary

Measurements

Fixture Output: 6817 lm
Fixture Peak: 4937 cd
Fixture Efficacy: 38 lm/W
Intensity @ 5m: 197 lux
Color Temperature: 6229 K
CRI: 65.2 CRI R9 Value: -32.6
CQS: 76.2
TLCI: 64
TM-30 Rf: 66.1
TM-30 Rg: 125.0
Beam Angle (50%): 73.5°
Field Angle (10%): 107.5°
Cutoff Angle (3%): 128.7°

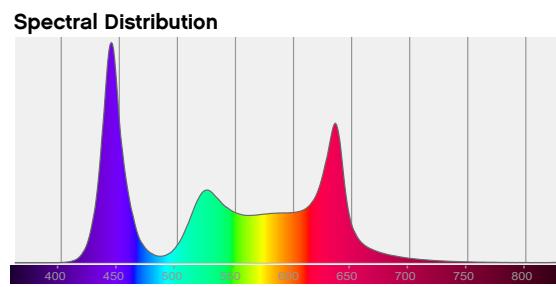
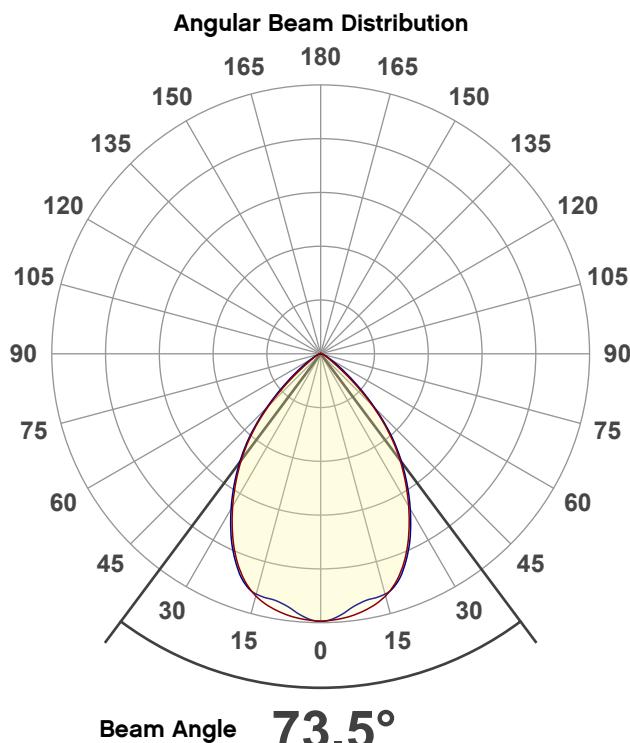


Conditions

AC Supply: 116 V, 60 Hz
Power: 181.0 W
Current: 1.56 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.324
Y: 0.272

Light Quality



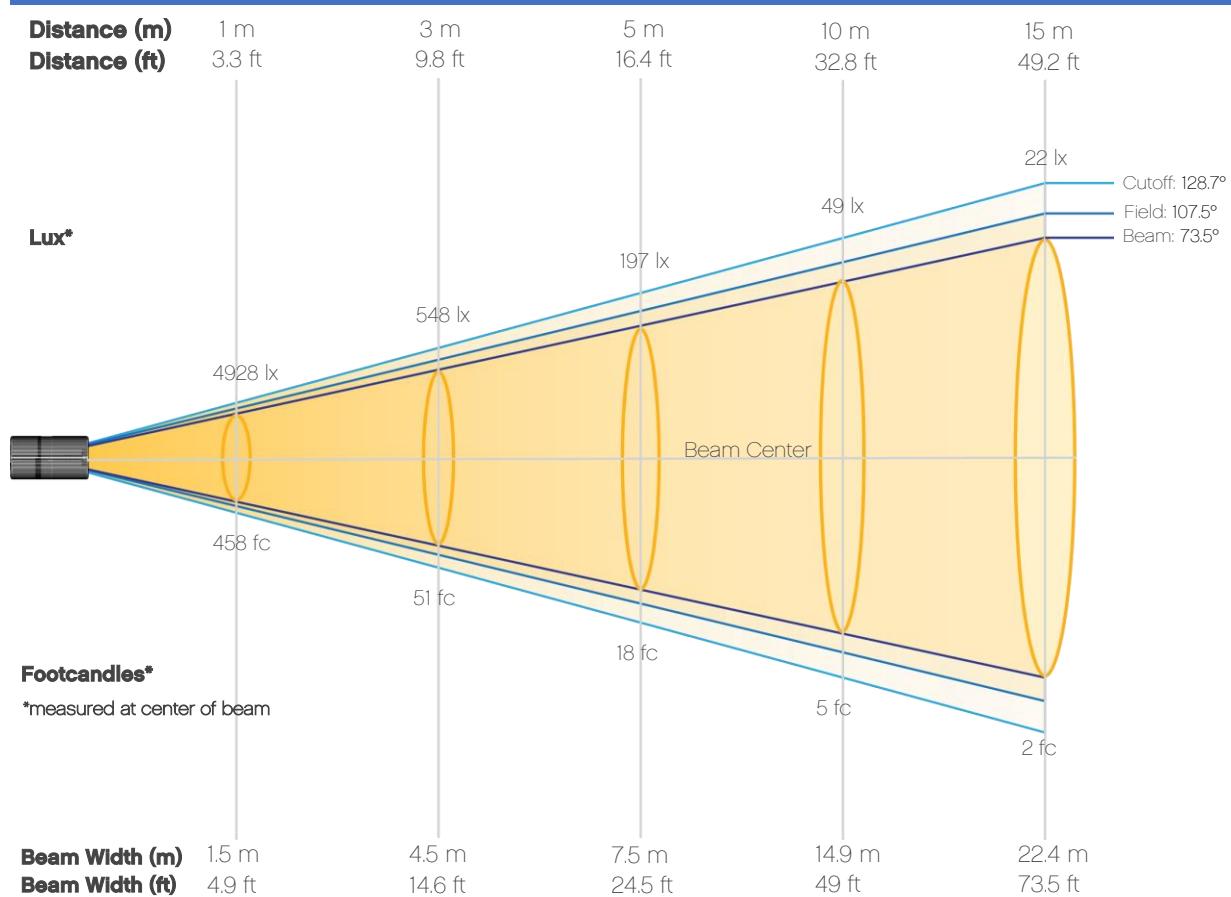
Color Temperature



Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Full Power

Beam Details



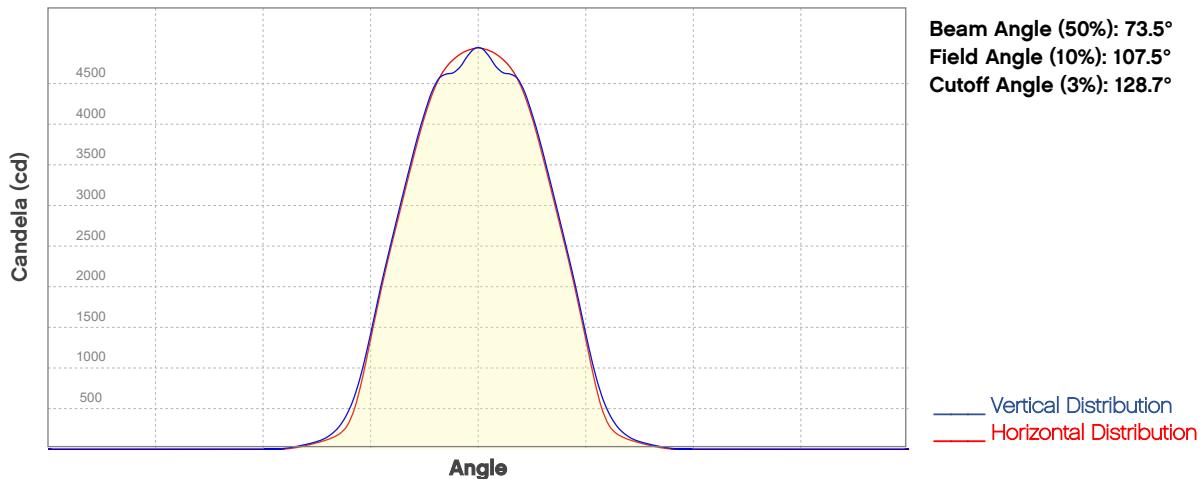
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4928	1232	548	308	197	137	101	77	61	49
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	41	34	29	25	22	19	17	15	14	12
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	458	114	51	29	18	13	9	7	6	5
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	4	3	3	2	2	2	2	1	1	1

Photometric & Chromaticity Report

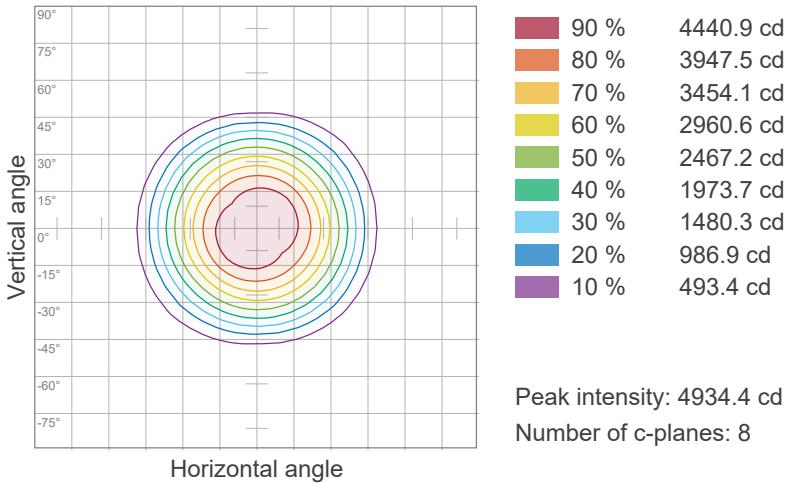
Ovation P-56FC-2: Wide LENS - Full Power

Candela Plot

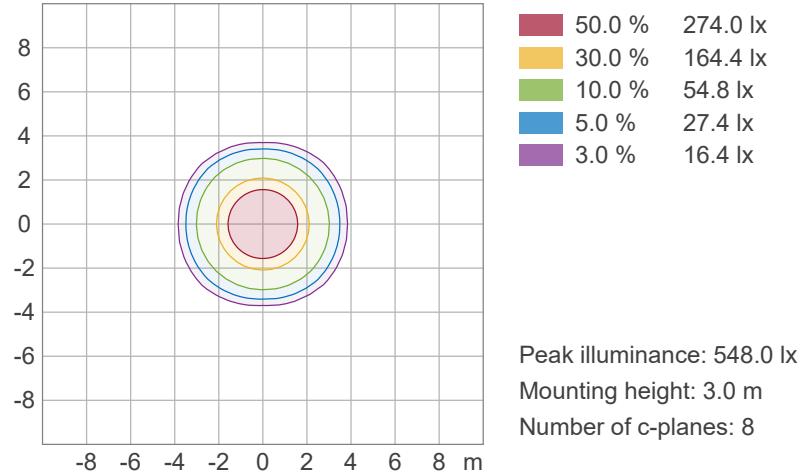


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

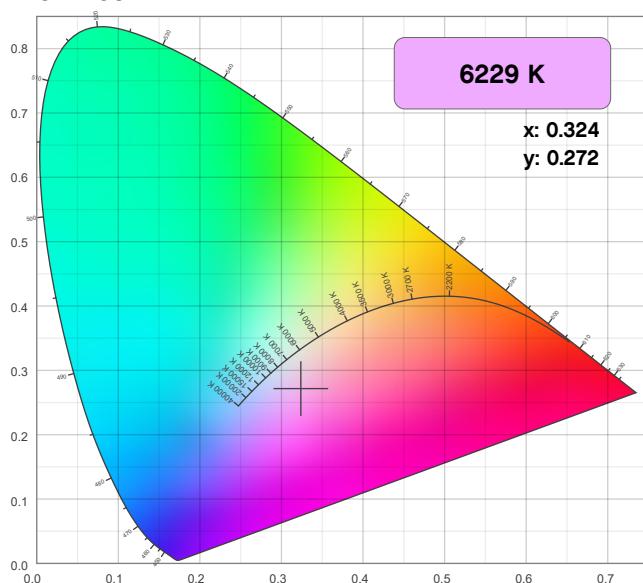


Photometric & Chromaticity Report

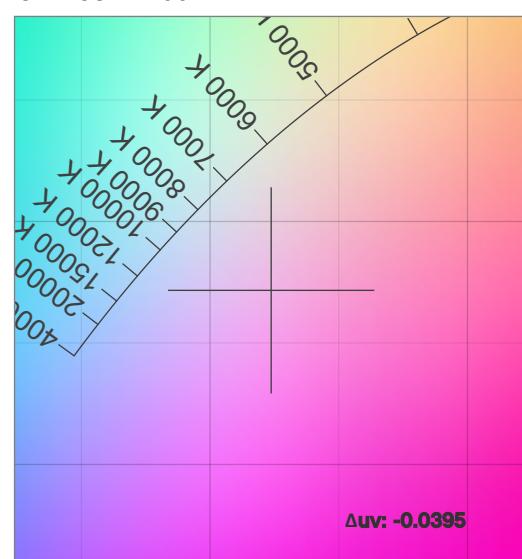
Ovation P-56FC-2: Wide LENS - Full Power

Chromaticity

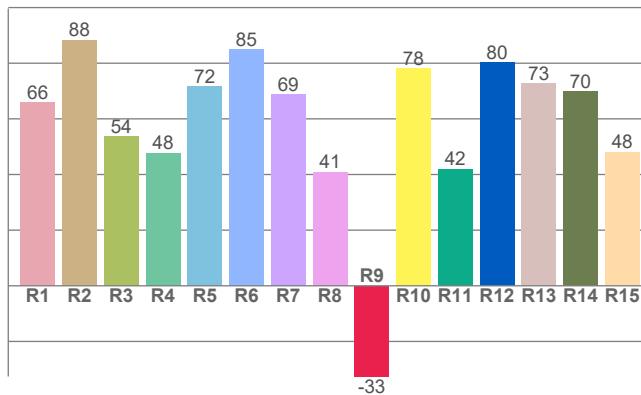
CIE 1931



CIE 1931 - Zoom



CRI: 65.2 (R1-R8)



Color Parameters

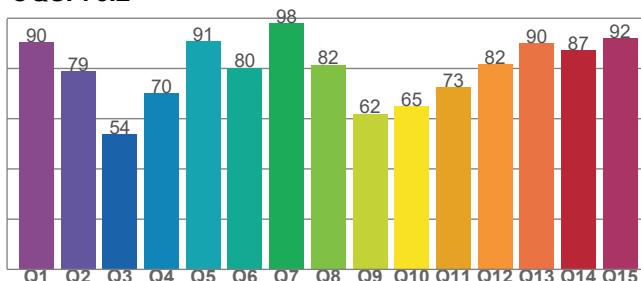
Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y

6229 K 0.324 0.272

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δ_{uv}	y	u

-0.0395 0.272 0.231

CQS: 76.2



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

65.2 -32.6 76.2

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

64 66.1 125.0

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Full Power

TM-30 Details

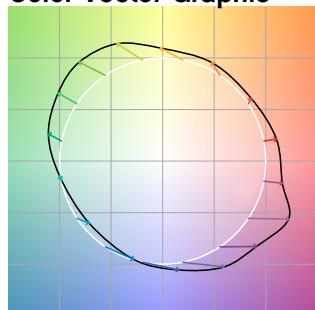
Rf 66.1

Fidelity Index
(Rg)

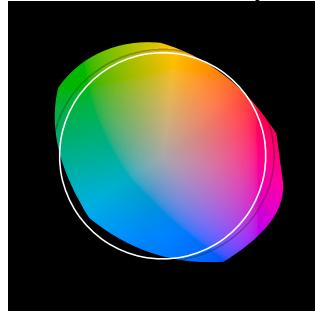
Rg 125.0

Gammut Index
(Rg)

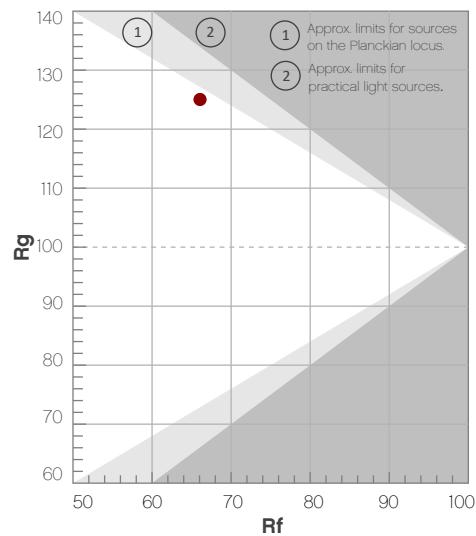
Color Vector Graphic



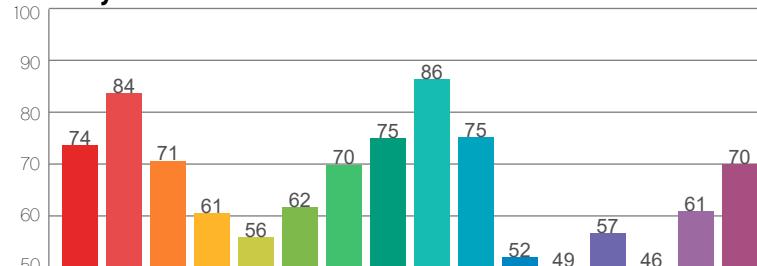
Color Distortion Graphic



Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	74	12%	-1%
2	84	5%	3%
3	71	6%	13%
4	61	7%	23%
5	56	20%	21%
6	62	25%	14%
7	70	21%	2%
8	75	14%	-4%
9	86	1%	-5%
10	75	-7%	10%
11	52	-5%	30%
12	49	0%	36%
13	57	12%	38%
14	46	19%	30%
15	61	33%	21%
16	70	18%	2%



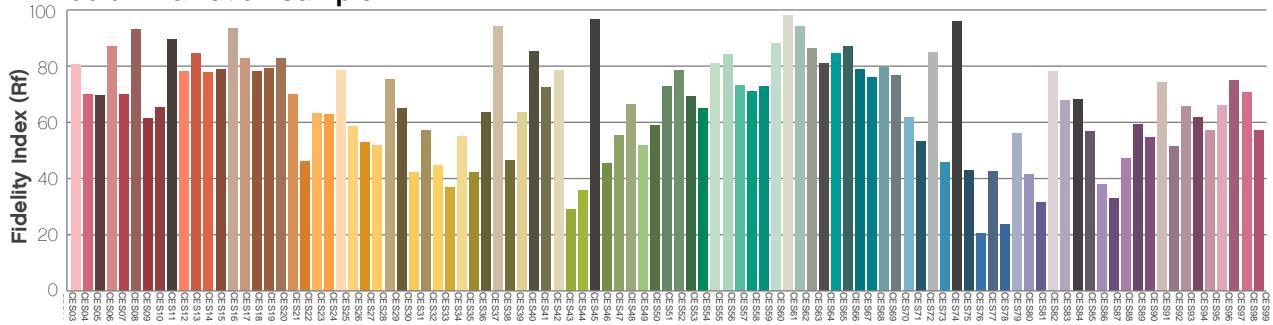
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Red

Report Summary

Measurements

Fixture Output: 1131 lm
Fixture Peak: 819 cd
Fixture Efficacy: 31 lm/W
Intensity @ 5m: 33 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%): 73.5°
Field Angle (10%): 107.3°
Cutoff Angle (3%): 128.7°

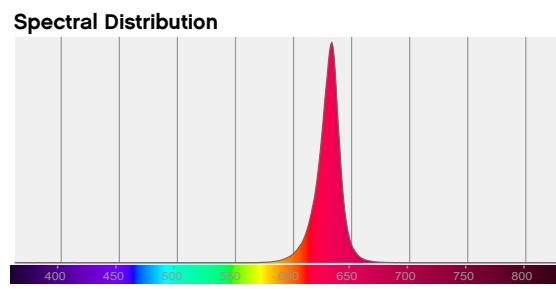
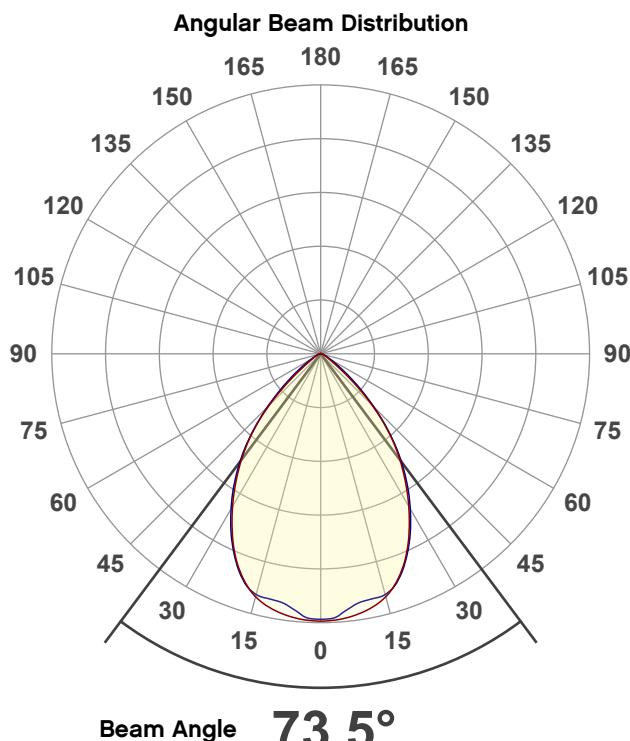


Conditions

AC Supply: 118 V, 60 Hz
Power: 38.65 W
Current: 0.327 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 7/10/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.696
Y: 0.303

Light Quality

CRI: 0.0

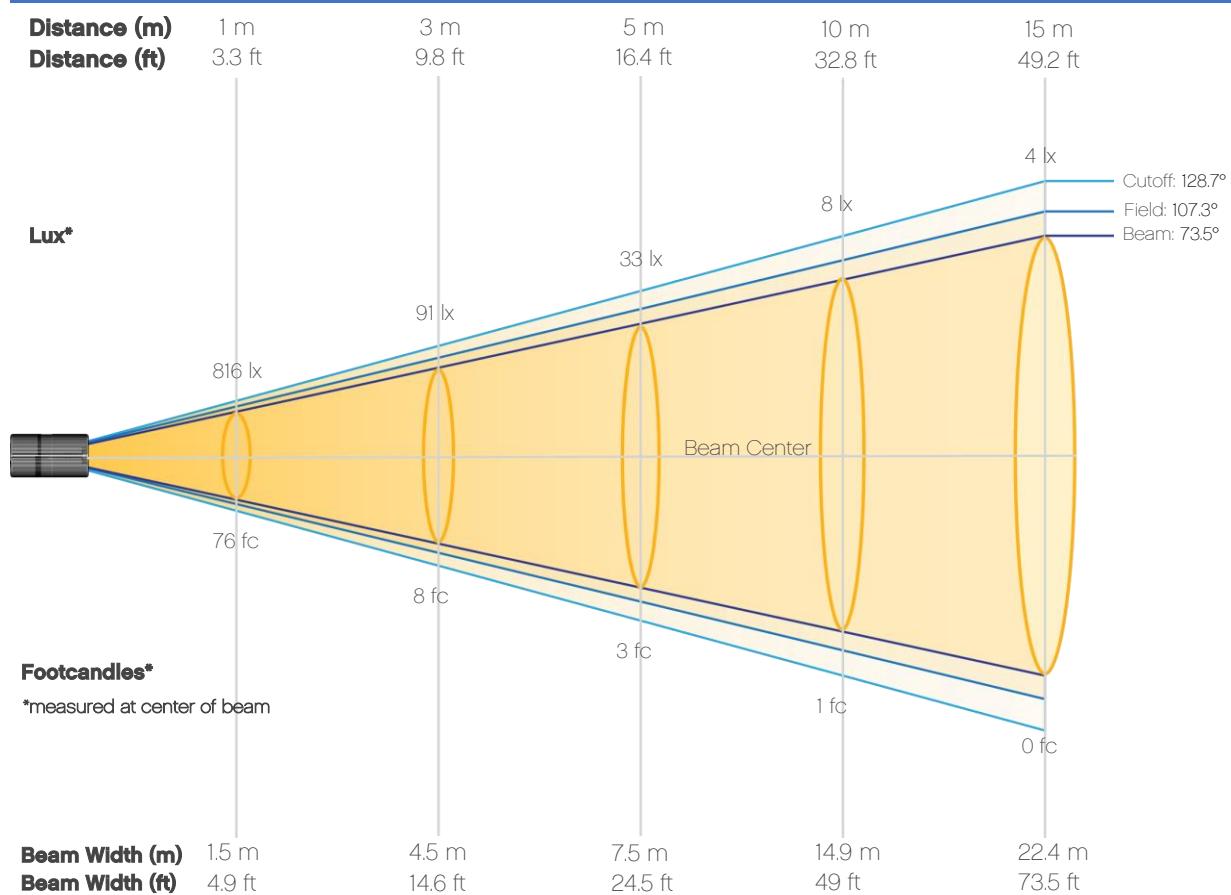
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Red

Beam Details



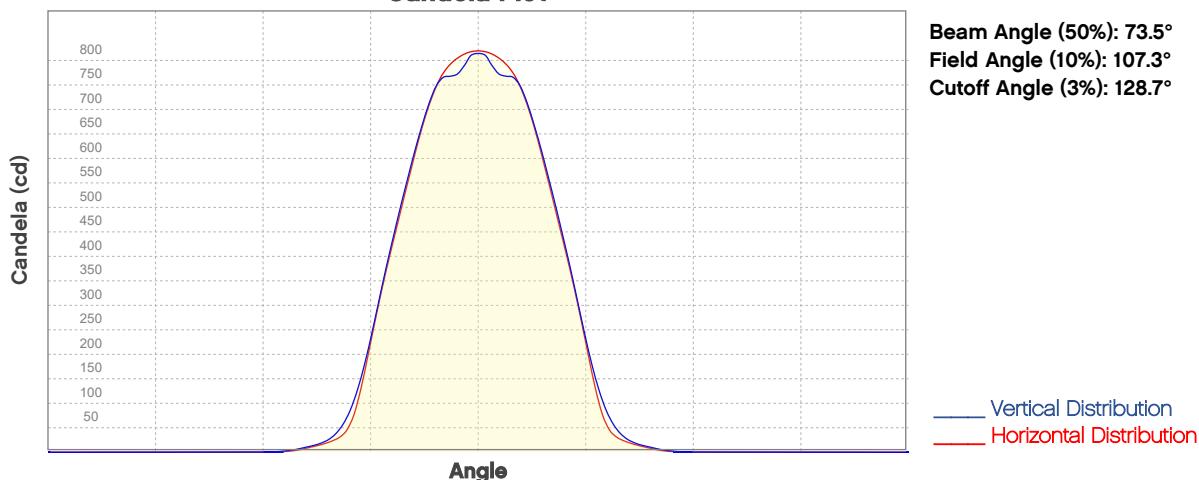
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	816	204	91	51	33	23	17	13	10	8
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	7	6	5	4	4	3	3	3	2	2
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	76	19	8	5	3	2	2	1	1	1
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	0	0	0	0	0	0	0	0

Photometric & Chromaticity Report

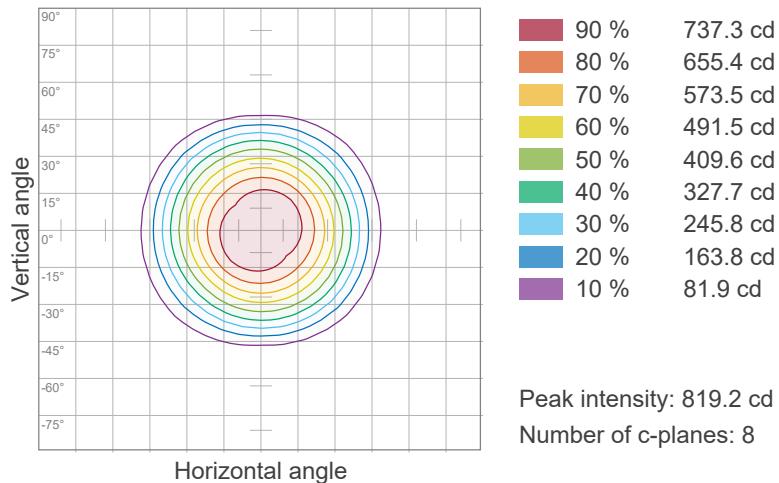
Ovation P-56FC-2: Wide LENS - Red

Candela Plot

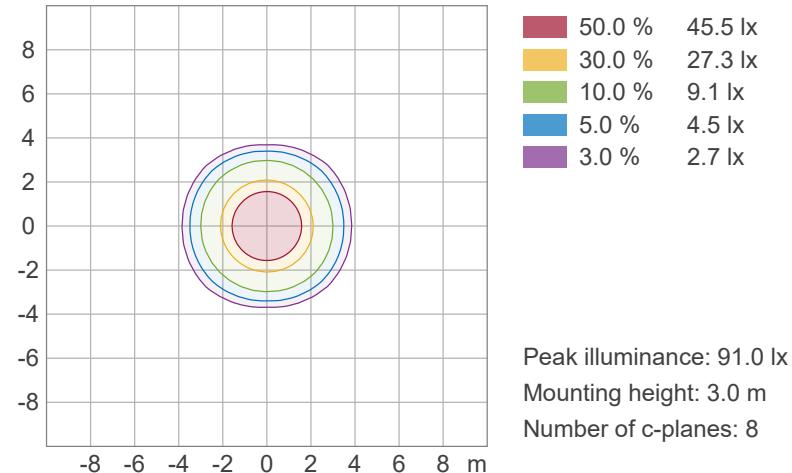


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

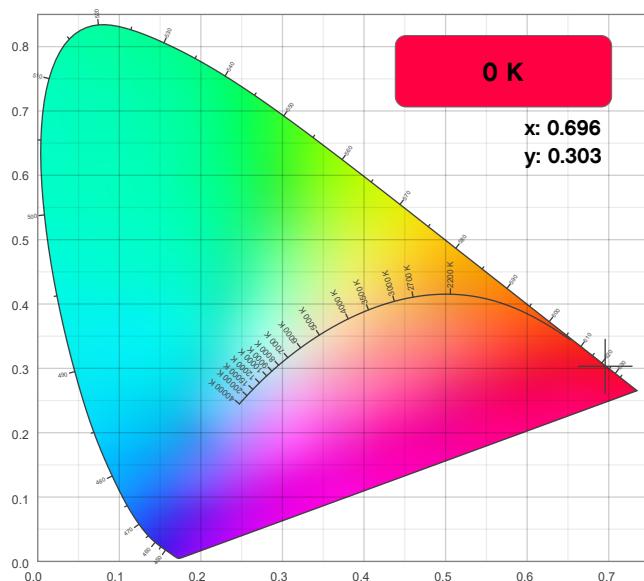


Photometric & Chromaticity Report

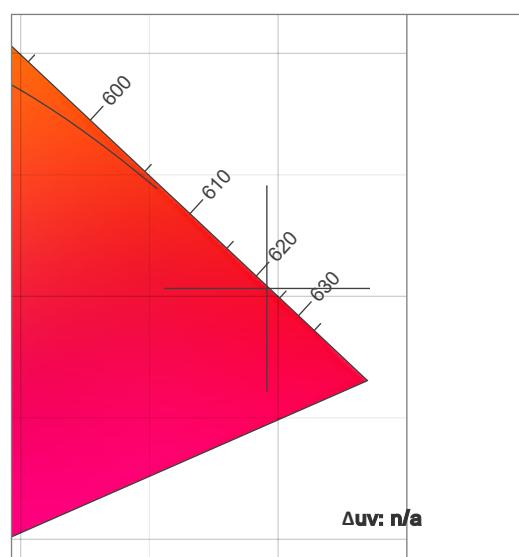
Ovation P-56FC-2: Wide LENS - Red

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.696	0.303

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.303	0.530

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

Ovation P-56FC-2: Wide LENS - Red

TM-30 Details

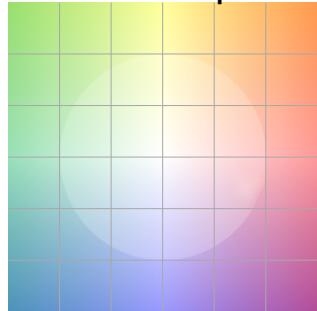
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

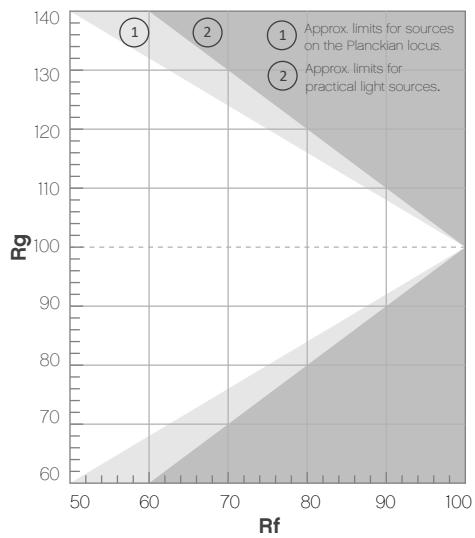
Color Vector Graphic



Color Distortion Graphic



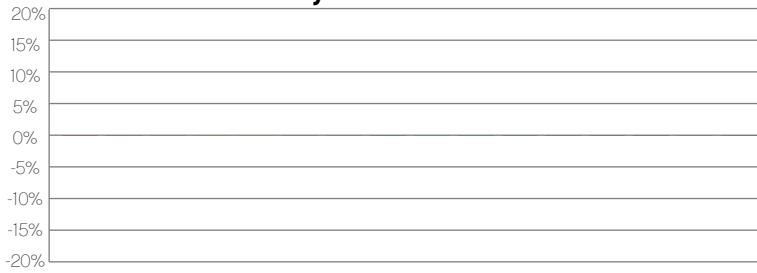
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



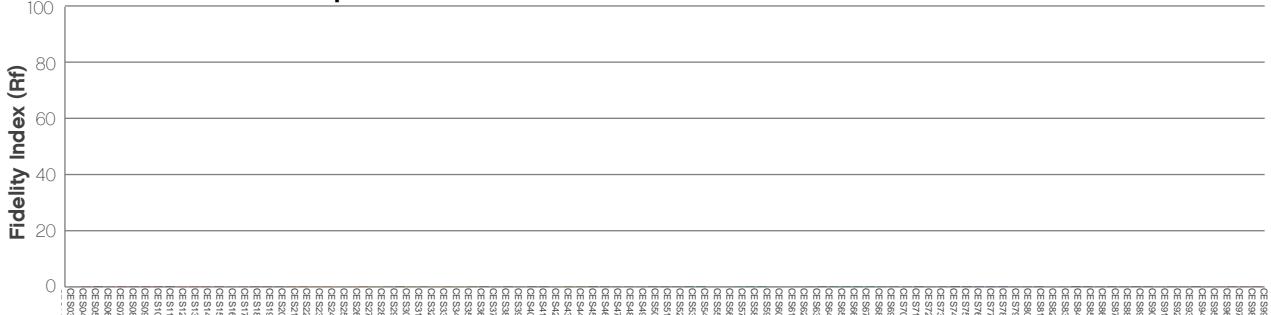
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Green

Report Summary

Measurements

Fixture Output: 2025 lm
Fixture Peak: 1459 cd
Fixture Efficacy: 45 lm/W
Intensity @ 5m: 58 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%): 73.7°
Field Angle (10%): 107.9°
Cutoff Angle (3%): 129.5°

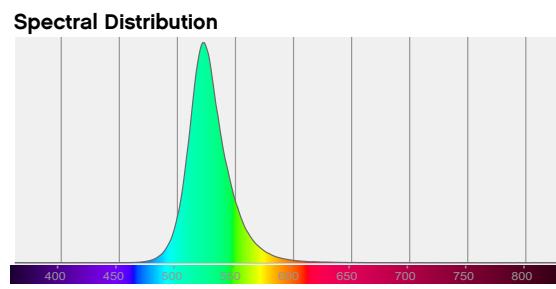
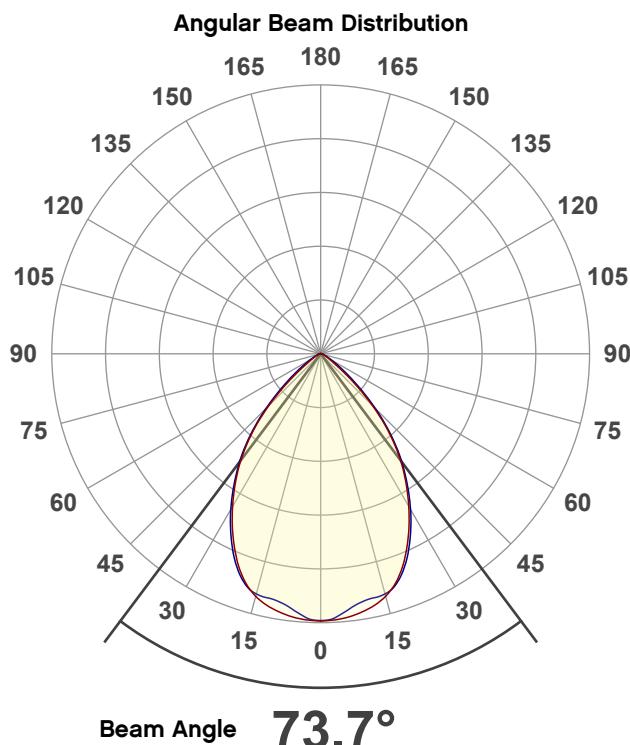


Conditions

AC Supply: 118 V, 60.1 Hz
Power: 45.97 W
Current: 0.390 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.183
Y: 0.733

Light Quality

CRI: 0.0

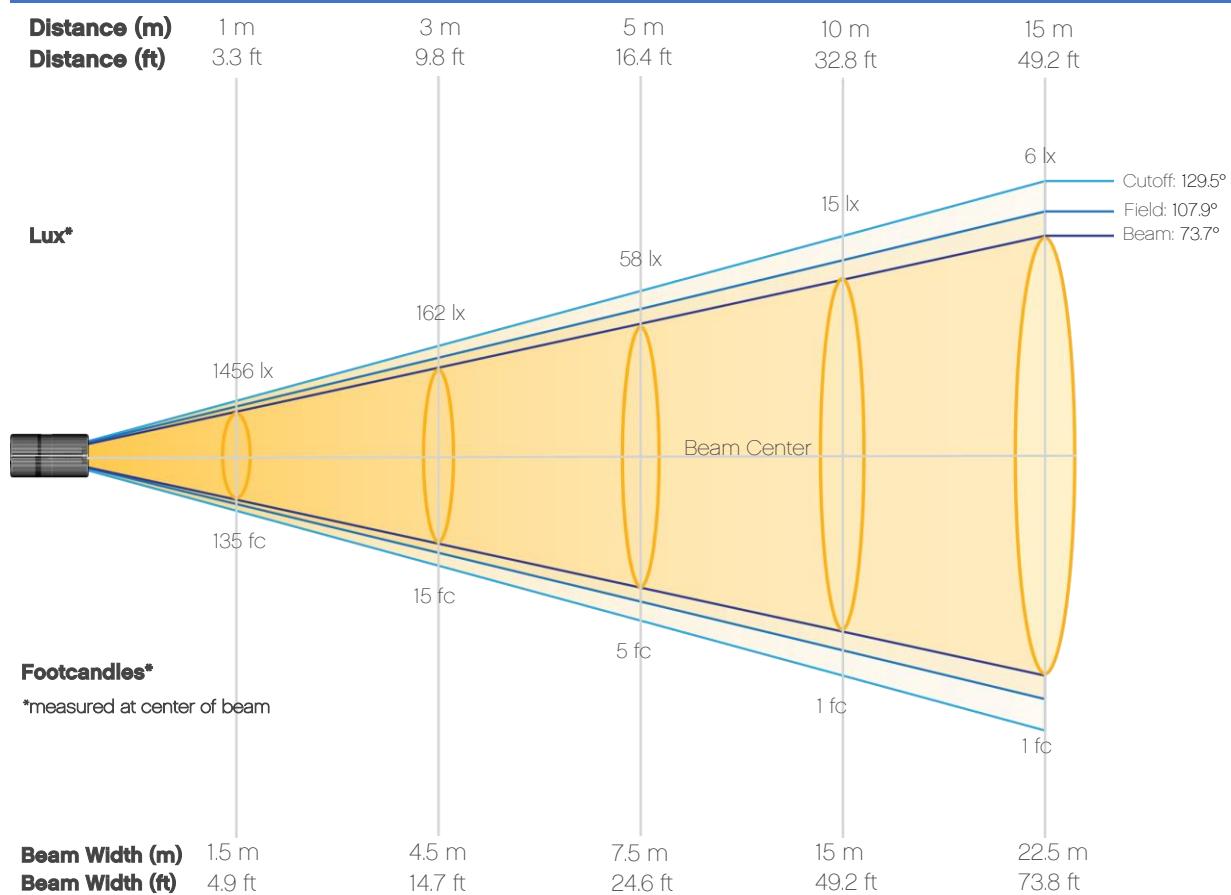
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Green

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1456	364	162	91	58	40	30	23	18	15
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	12	10	9	7	6	6	5	4	4	4
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	135	34	15	8	5	4	3	2	2	1
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	1	1	1	1	0	0	0	0

Photometric & Chromaticity Report

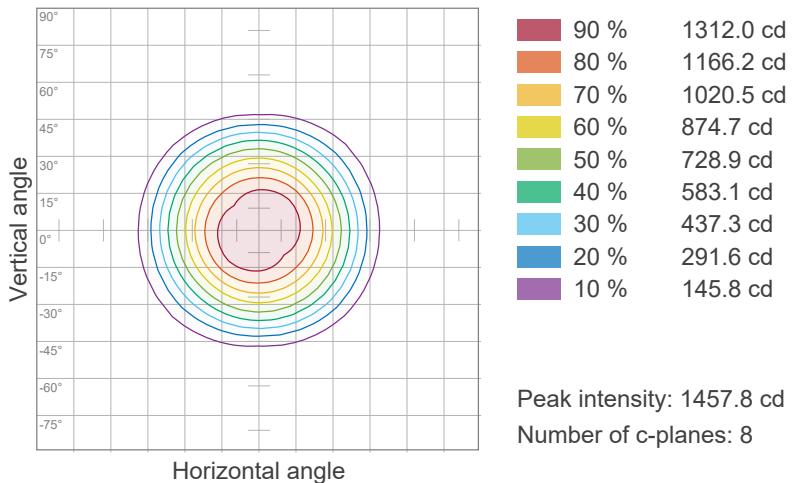
Ovation P-56FC-2: Wide LENS - Green

Candela Plot

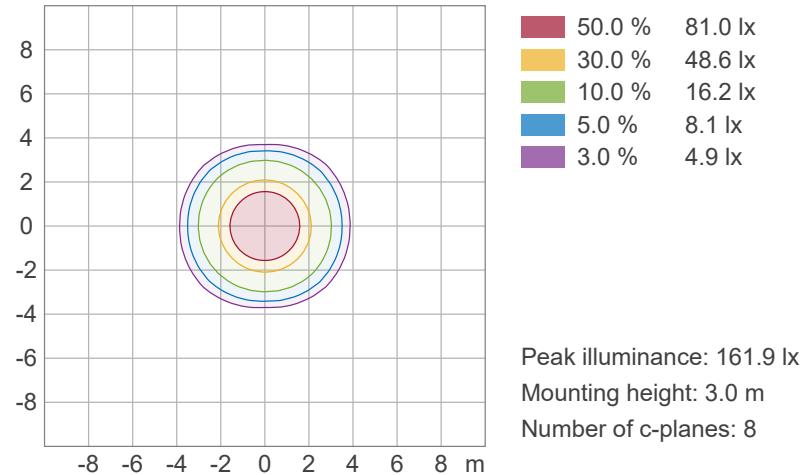


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

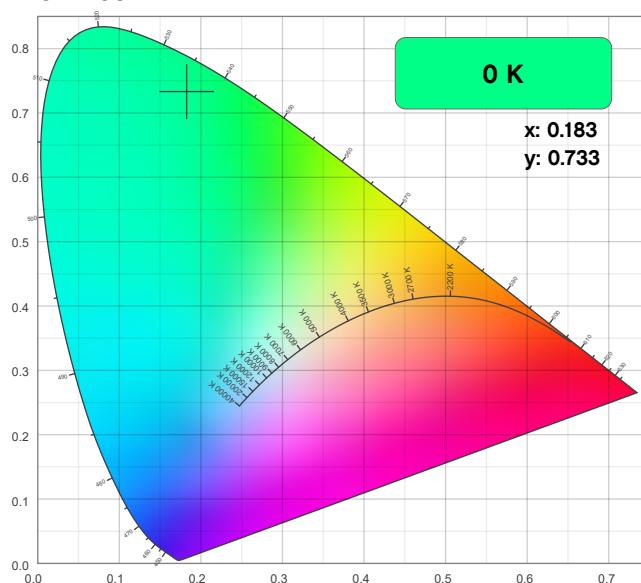


Photometric & Chromaticity Report

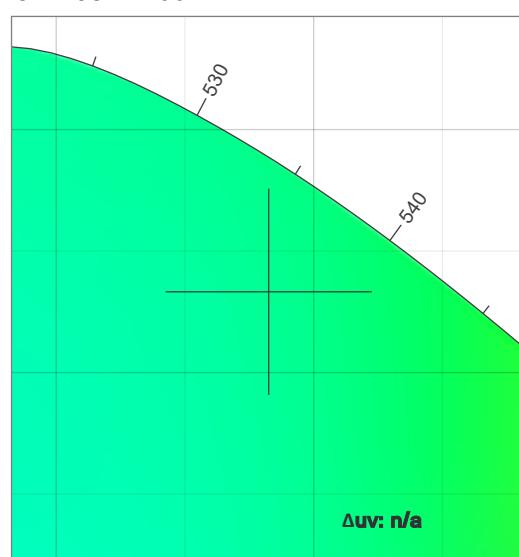
Ovation P-56FC-2: Wide LENS - Green

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.183	0.733

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.733	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

Ovation P-56FC-2: Wide LENS - Green

TM-30 Details

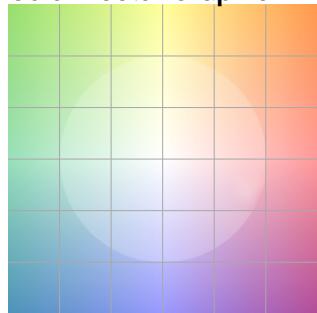
Rf 0.0

Fidelity Index
(Rg)

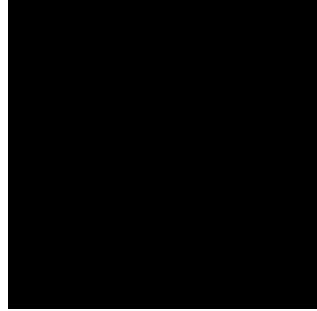
Rg 0.0

Gammut Index
(Rg)

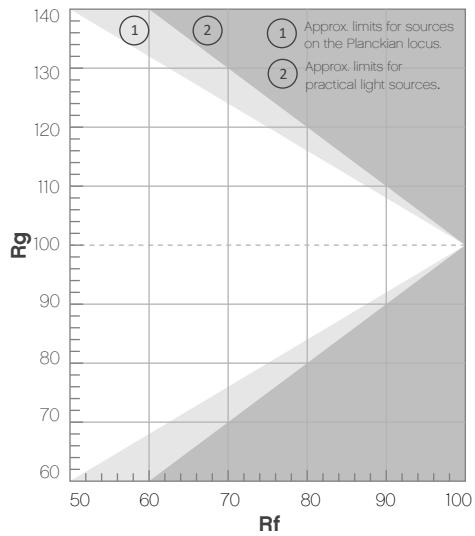
Color Vector Graphic



Color Distortion Graphic



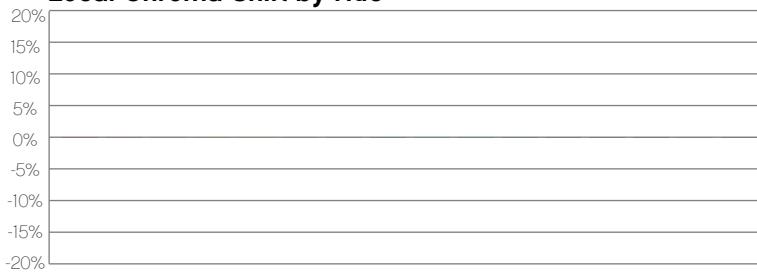
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



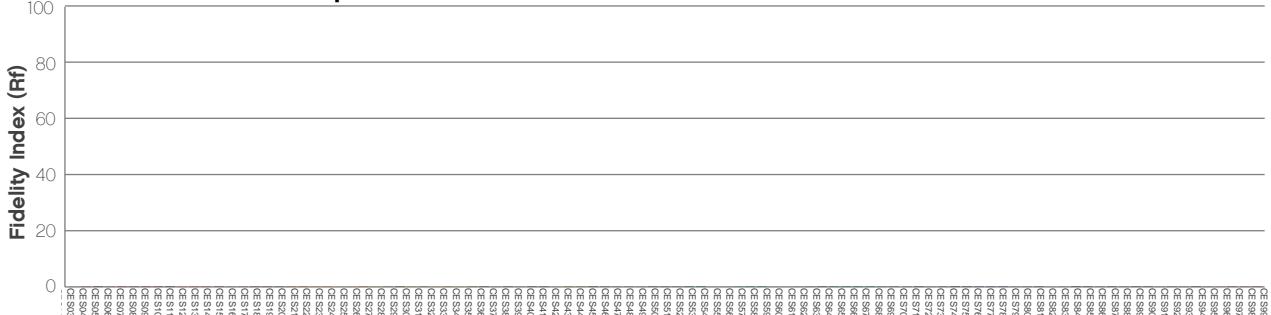
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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All product specifications, measurements and dimensions are subject to change without notice

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Blue

Report Summary

Measurements

Fixture Output: 408 lm
Fixture Peak: 288 cd
Fixture Efficacy: 9 lm/W
Intensity @ 5m: 12 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%): 74°
Field Angle (10%): 108.8°
Cutoff Angle (3%): 132°

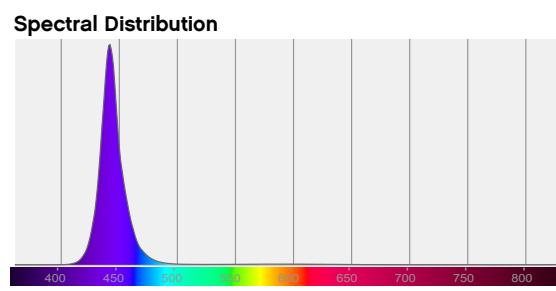
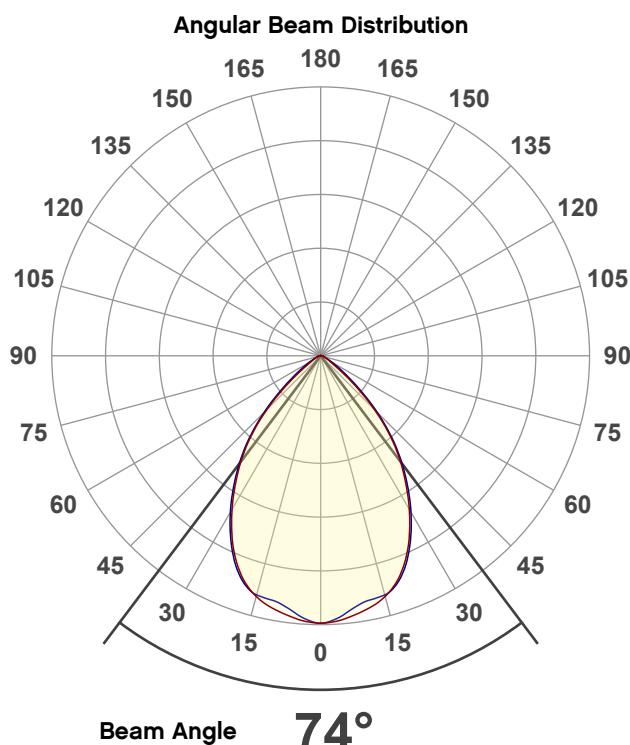


Conditions

AC Supply: 119 V, 60 Hz
Power: 45.3 W
Current: 0.382 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.163
Y: 0.022

Light Quality

CRI: 0.0

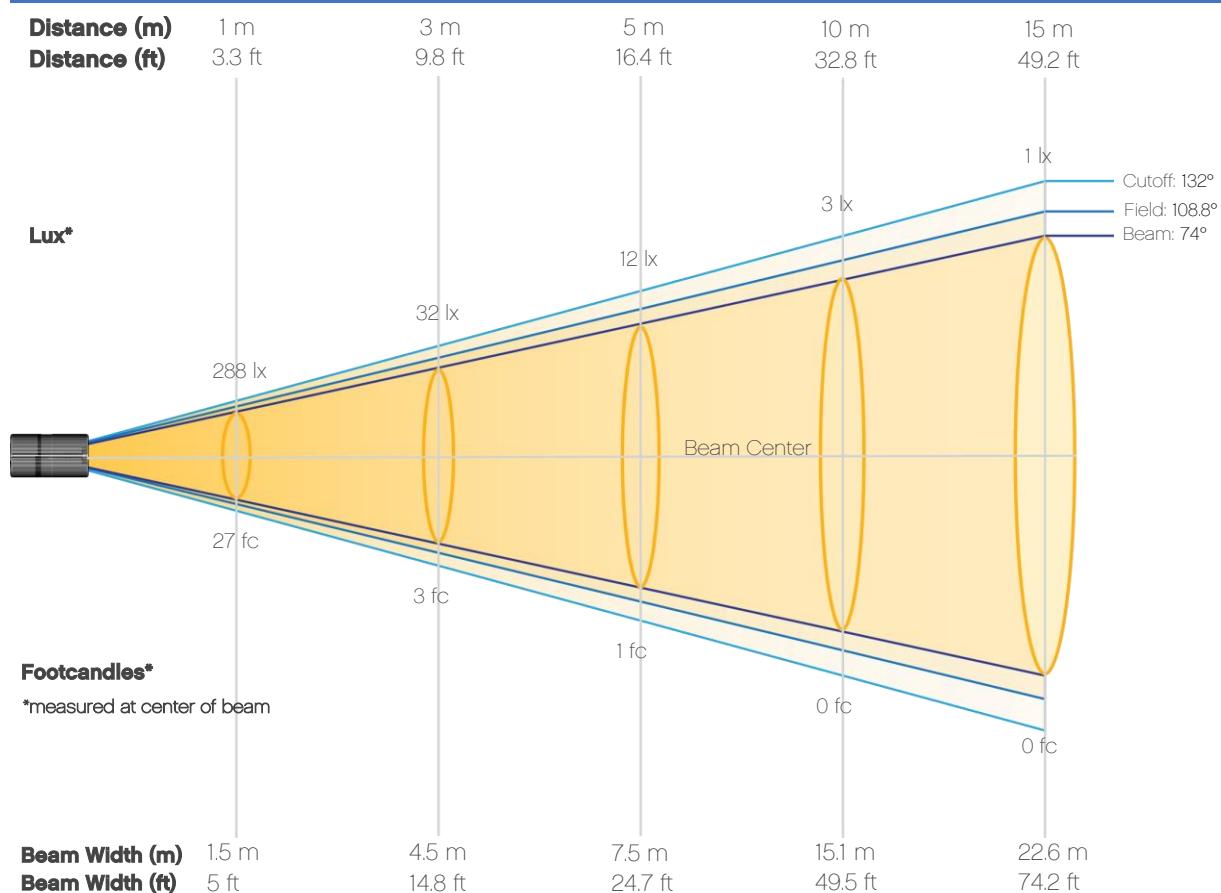
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Blue

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	288	72	32	18	12	8	6	5	4	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	27	7	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

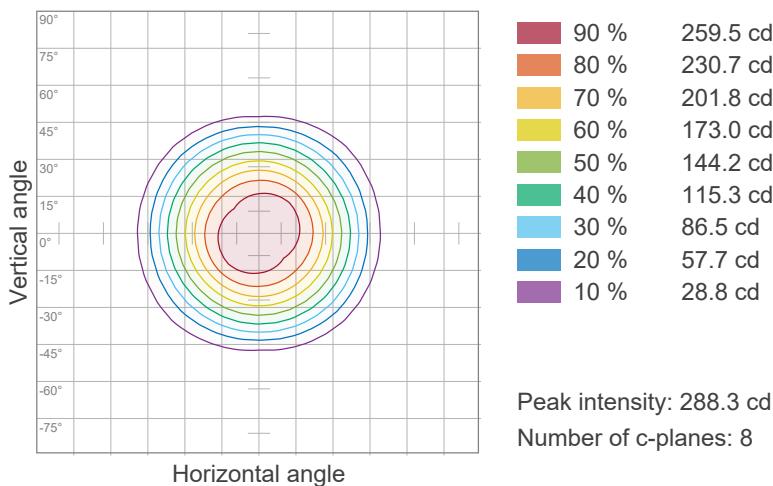
Ovation P-56FC-2: Wide LENS - Blue

Candela Plot

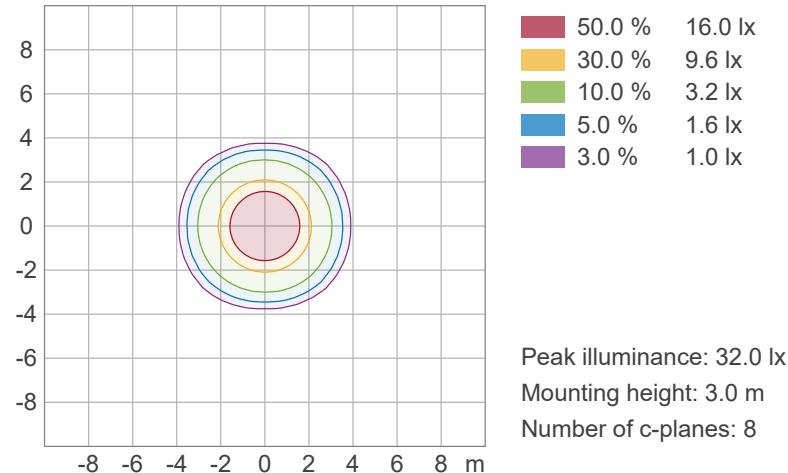


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

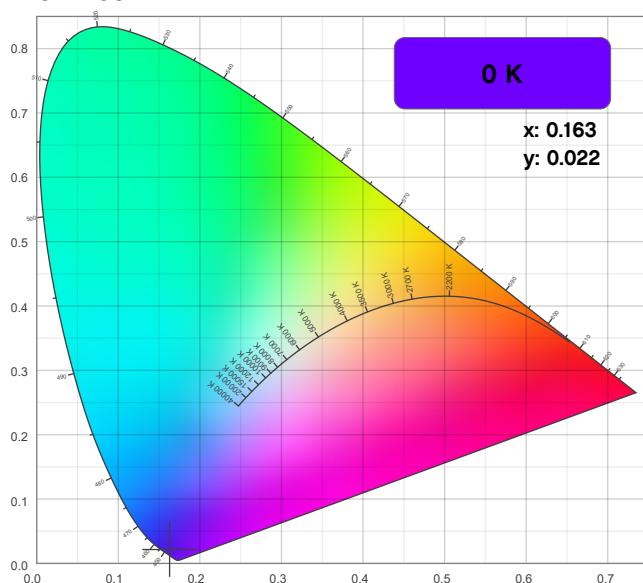


Photometric & Chromaticity Report

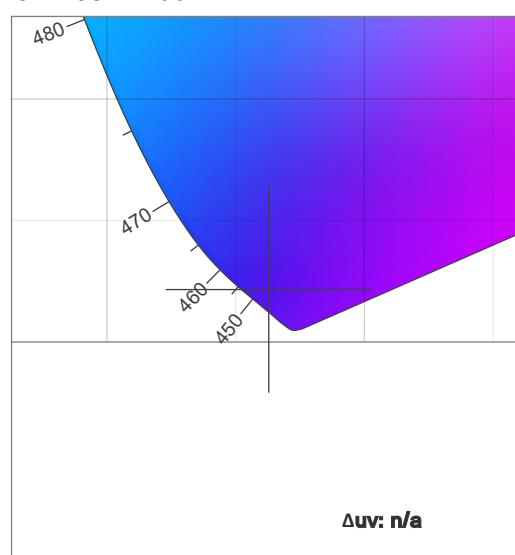
Ovation P-56FC-2: Wide LENS - Blue

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.163	0.022

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.022	0.222

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

Ovation P-56FC-2: Wide LENS - Blue

TM-30 Details

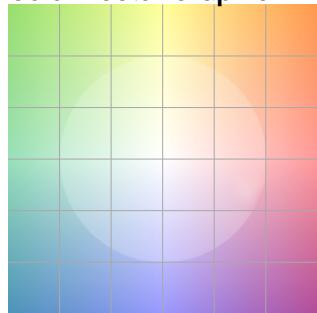
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

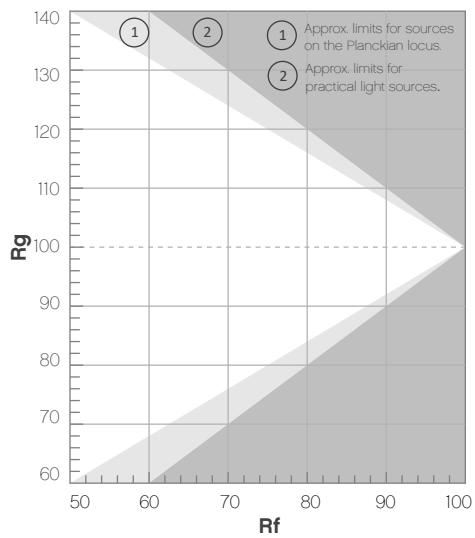
Color Vector Graphic



Color Distortion Graphic



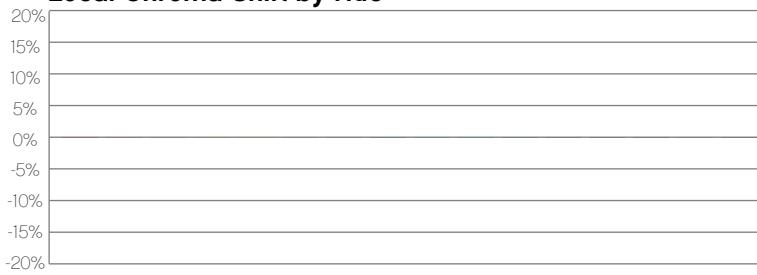
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



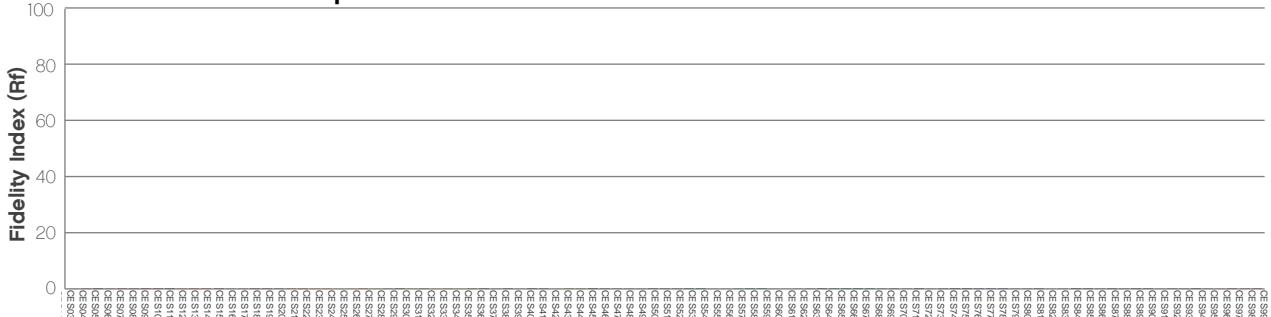
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Amber

Report Summary

Measurements

Fixture Output: 1801 lm
Fixture Peak: 1303 cd
Fixture Efficacy: 35 lm/W
Intensity @ 5m: 52 lux
Color Temperature: 1759 K
CRI: 41.5 CRI R9 Value: -97.9
CQS: 35.5
TLCI: 15
TM-30 Rf: 52.6
TM-30 Rg: 72.2
Beam Angle (50%): 73.5°
Field Angle (10%): 107.4°
Cutoff Angle (3%): 128.4°

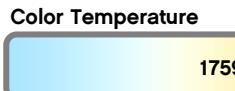
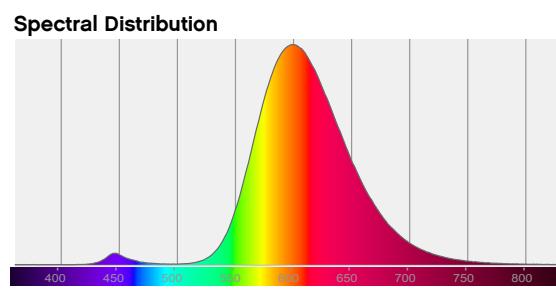
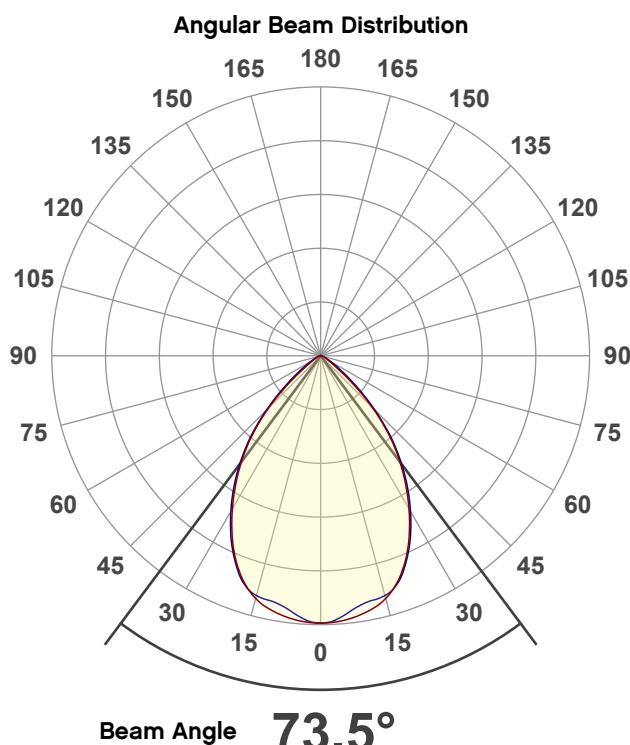


Conditions

AC Supply: 118 V, 60 Hz
Power: 52.84 W
Current: 0.448 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

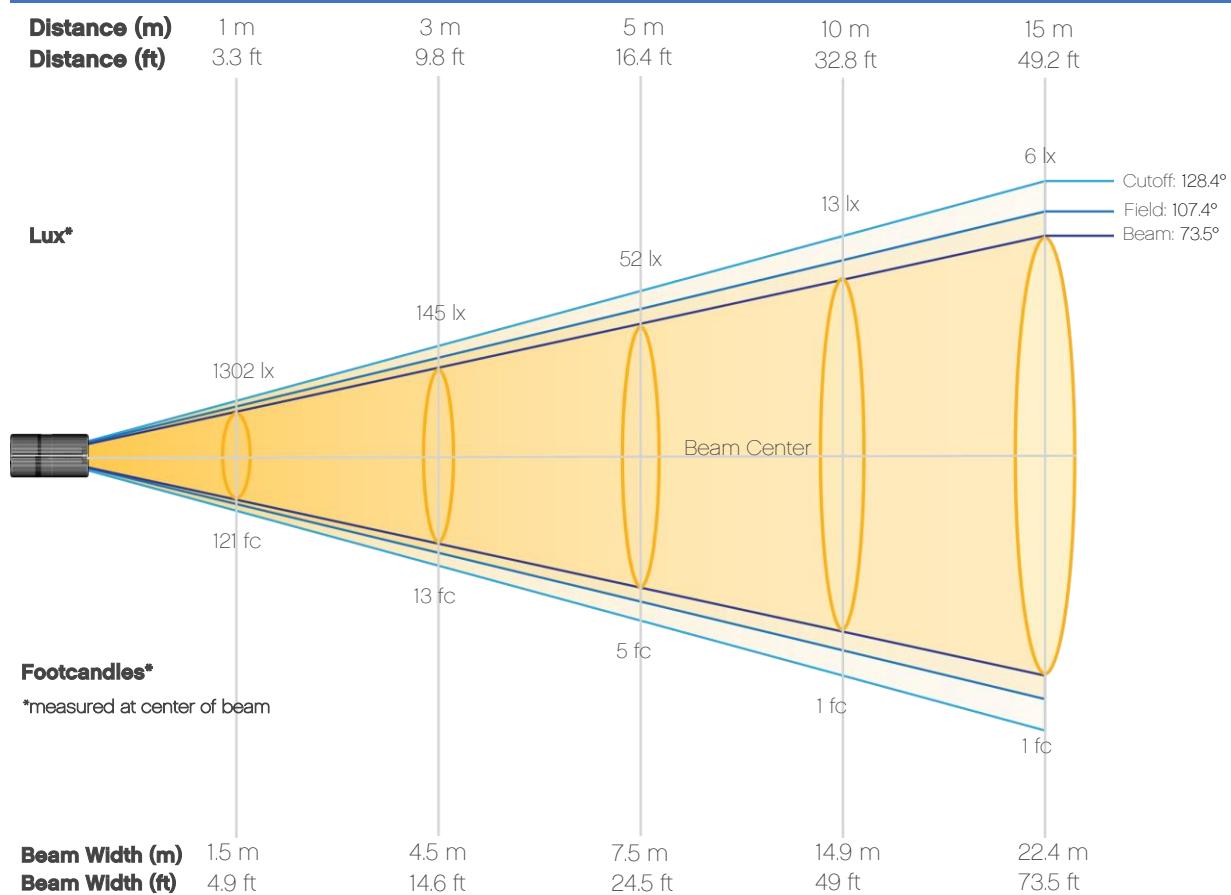
Overall Measurement



Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Amber

Beam Details



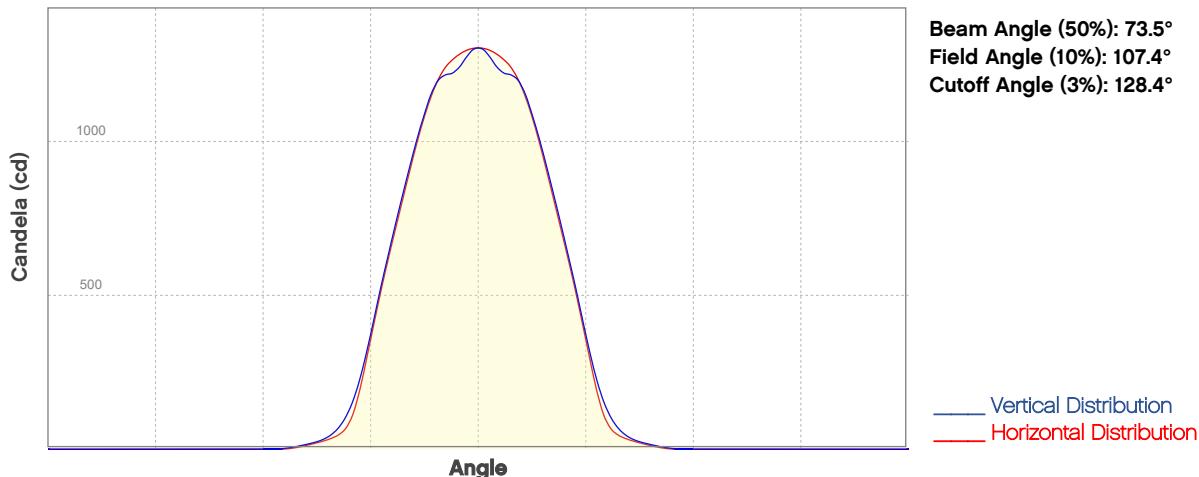
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1302	325	145	81	52	36	27	20	16	13
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	11	9	8	7	6	5	5	4	4	3
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	121	30	13	8	5	3	2	2	1	1
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	1	1	1	1	1	0	0	0	0	0

Photometric & Chromaticity Report

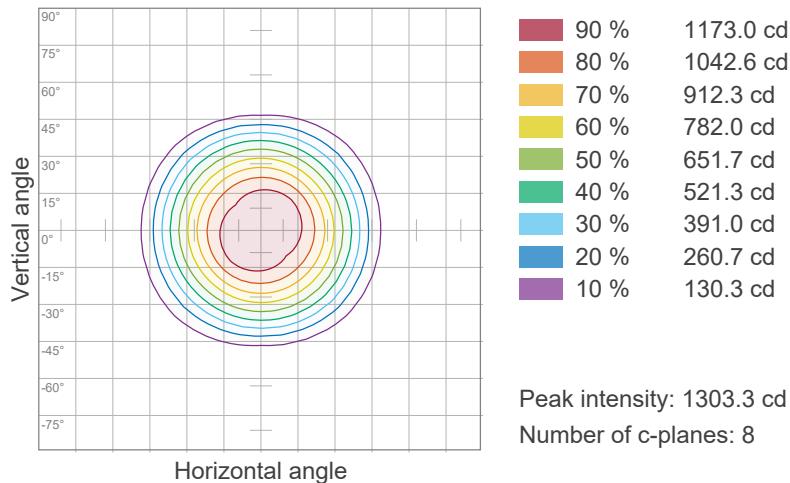
Ovation P-56FC-2: Wide LENS - Amber

Candela Plot

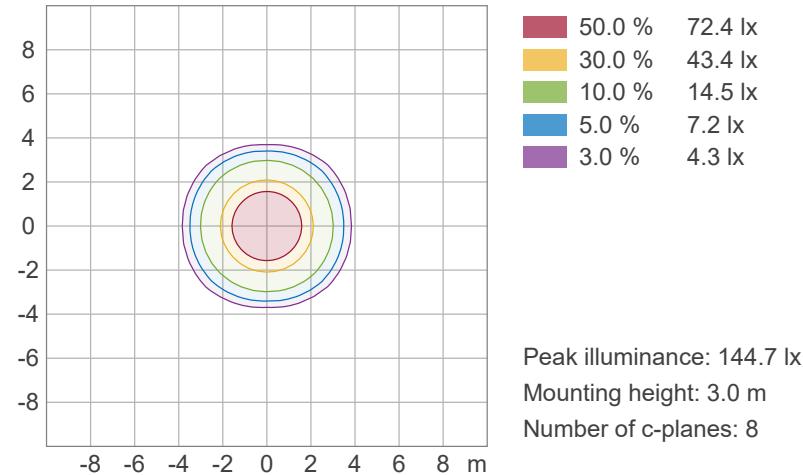


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

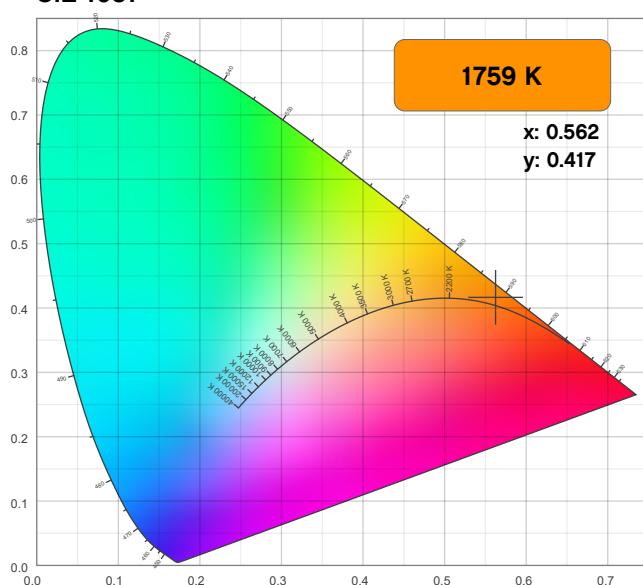


Photometric & Chromaticity Report

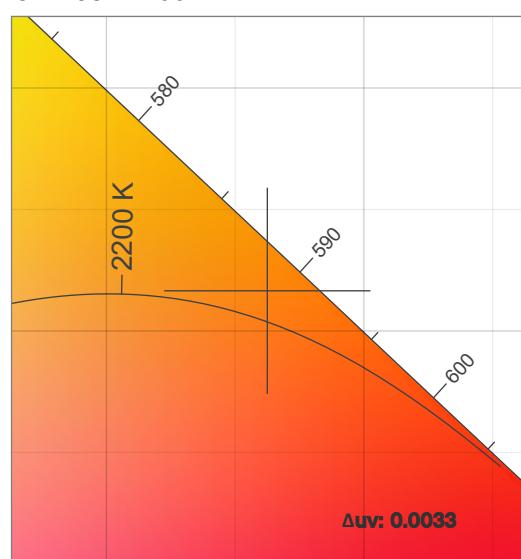
Ovation P-56FC-2: Wide LENS - Amber

Chromaticity

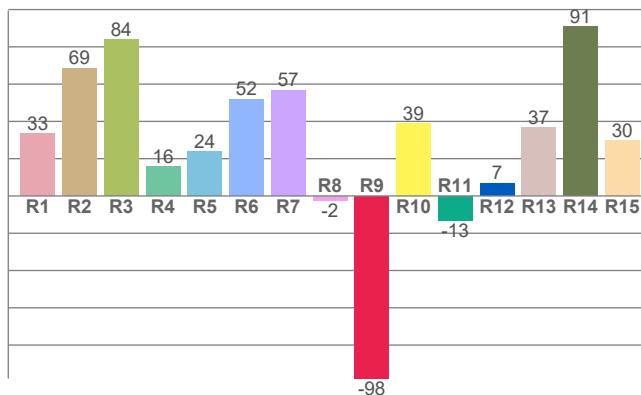
CIE 1931



CIE 1931 - Zoom



CRI: 41.5 (R1-R8)

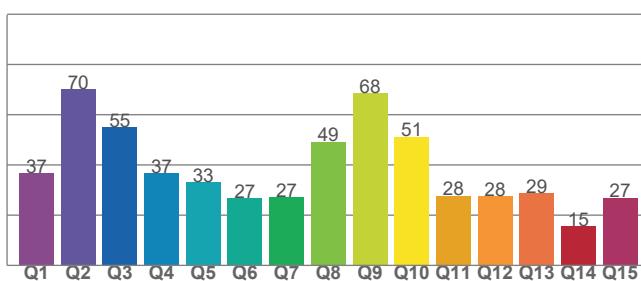


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1759 K	0.562	0.417

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0033	0.417	0.327

CQS: 35.5



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
41.5	-97.9	35.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
15	52.6	72.2

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Amber

TM-30 Details

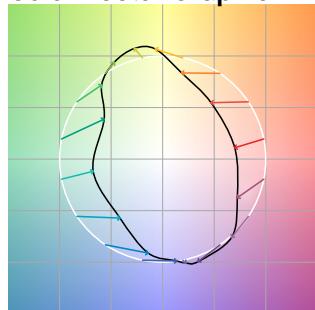
Rf 52.6

Fidelity Index
(Rg)

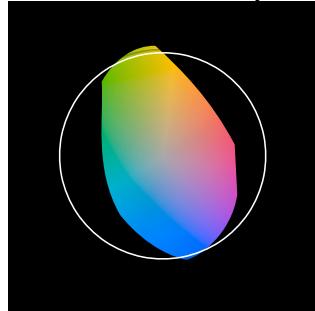
Rg 72.2

Gammut Index
(Rg)

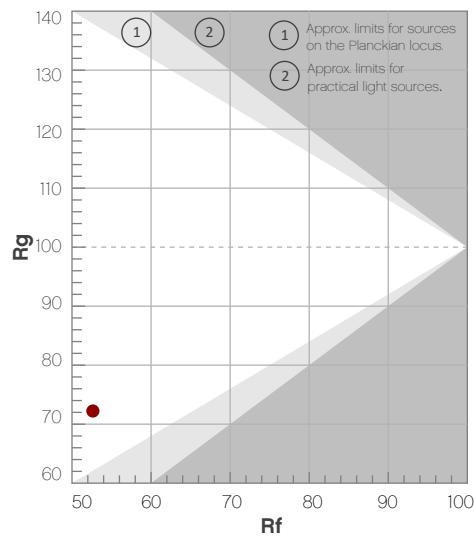
Color Vector Graphic



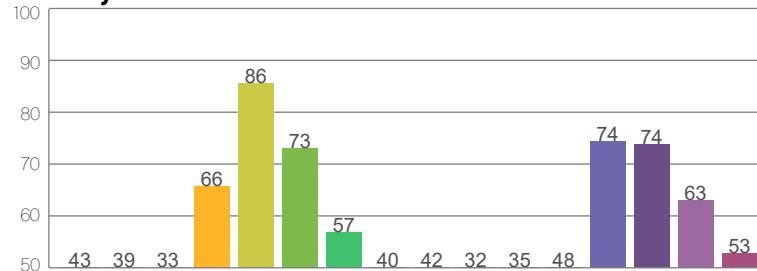
Color Distortion Graphic



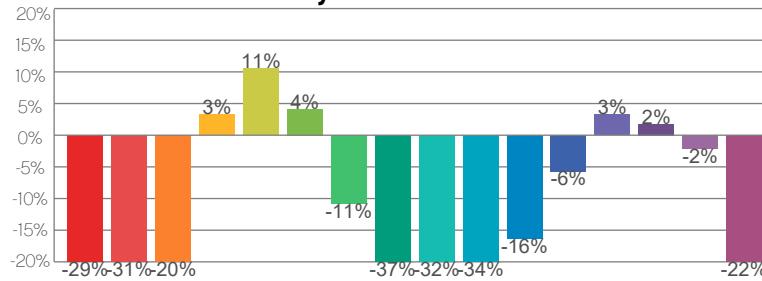
Hue Bin	<i>R_f</i>	Graphic shifts (%)	
		Chroma	Hue
1	43	-29%	-3%
2	39	-31%	19%
3	33	-20%	31%
4	66	3%	28%
5	86	11%	6%
6	73	4%	-13%
7	57	-11%	-27%
8	40	-37%	-27%
9	42	-32%	-2%
10	32	-34%	25%
11	35	-16%	39%
12	48	-6%	33%
13	74	3%	2%
14	74	2%	-27%
15	63	-2%	-26%
16	53	-22%	-23%



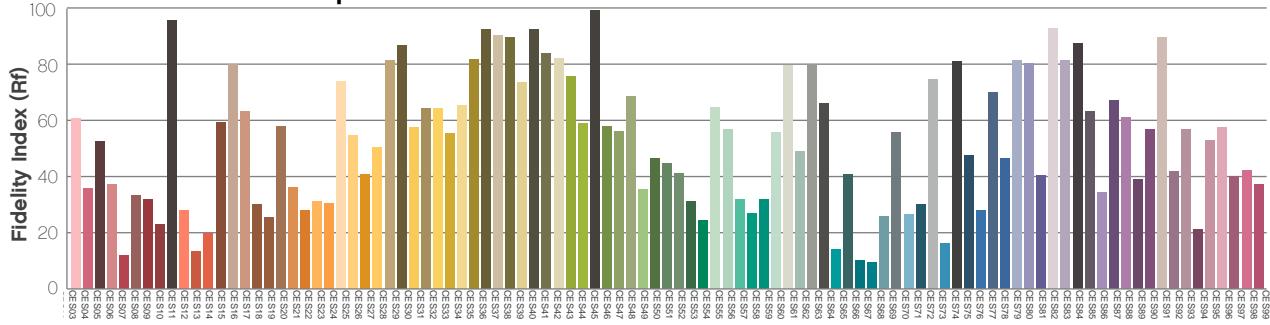
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Lime

Report Summary

Measurements

Fixture Output: 3363 lm
Fixture Peak: 2430 cd
Fixture Efficacy: 66 lm/W
Intensity @ 5m: 97 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%): 73.6°
Field Angle (10%): 107.6°
Cutoff Angle (3%): 129°

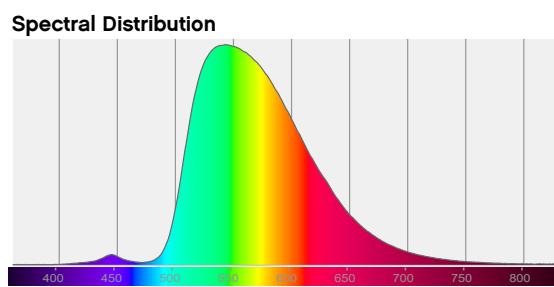
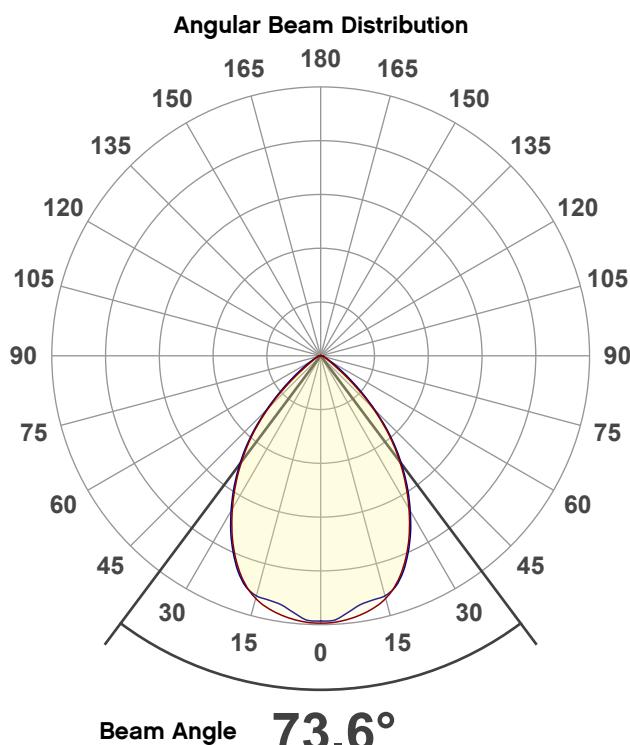


Conditions

AC Supply: 117 V, 60 Hz
Power: 52.28 W
Current: 0.445 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/11/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.411
Y: 0.550

Light Quality

CRI: 0.0

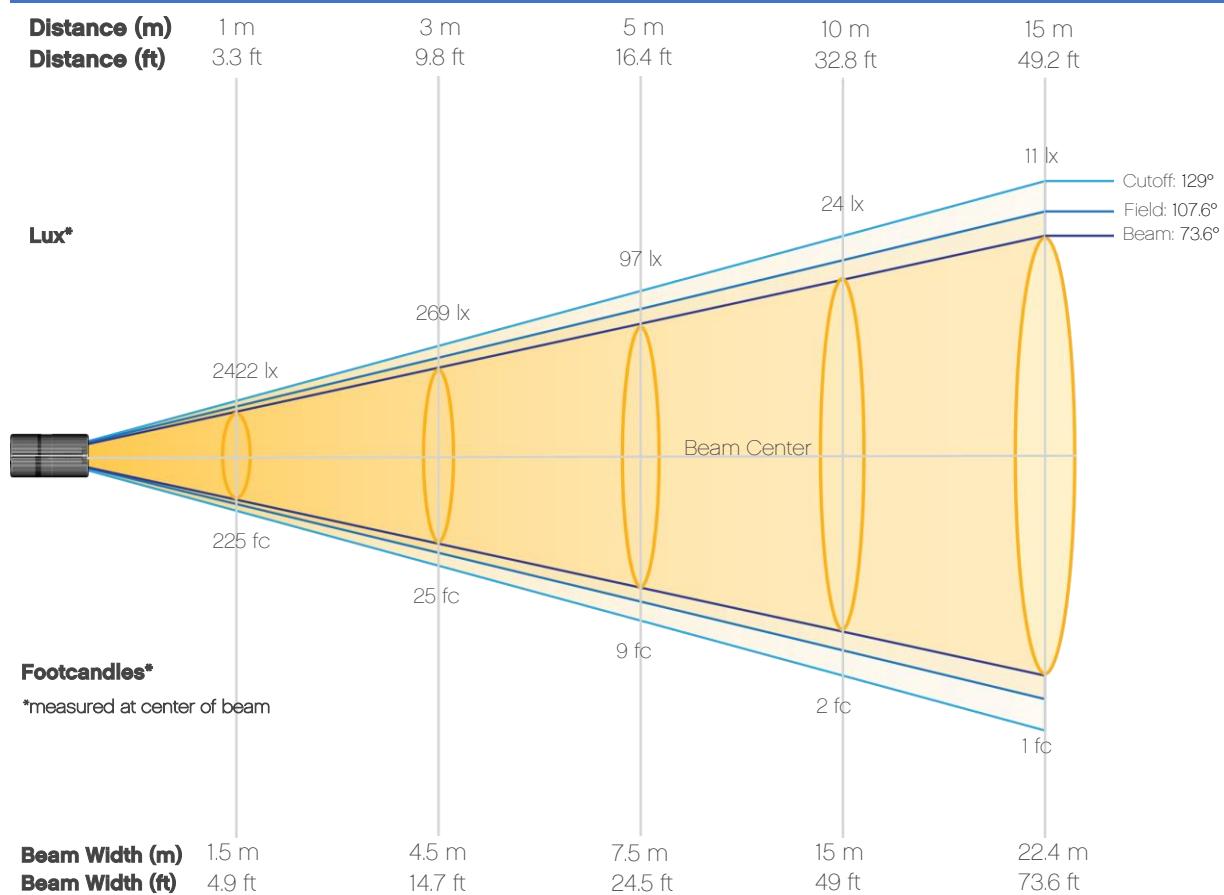
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation P-56FC-2: Wide LENS - Lime

Beam Details



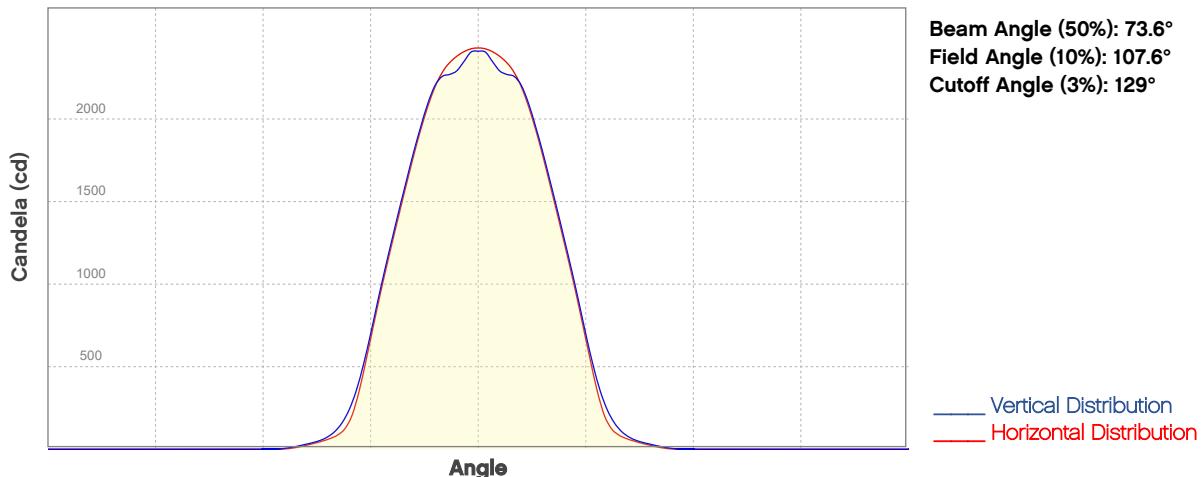
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2422	606	269	151	97	67	49	38	30	24
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	20	17	14	12	11	9	8	7	7	6
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	225	56	25	14	9	6	5	4	3	2
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	2	2	1	1	1	1	1	1	1	1

Photometric & Chromaticity Report

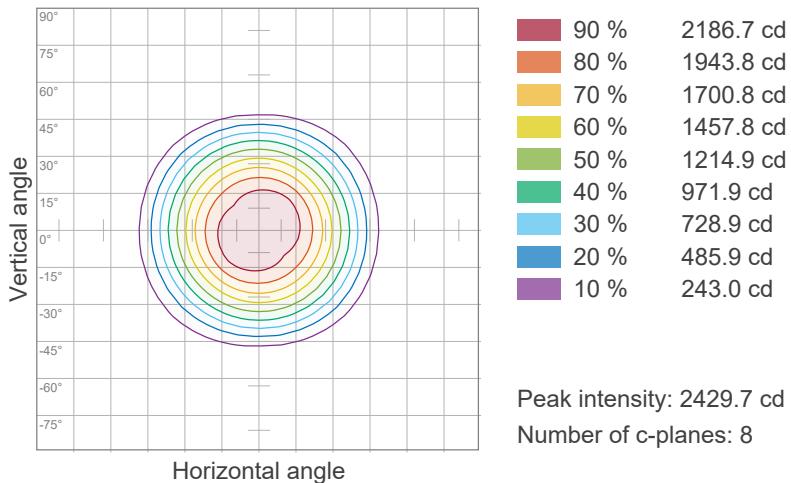
Ovation P-56FC-2: Wide LENS - Lime

Candela Plot

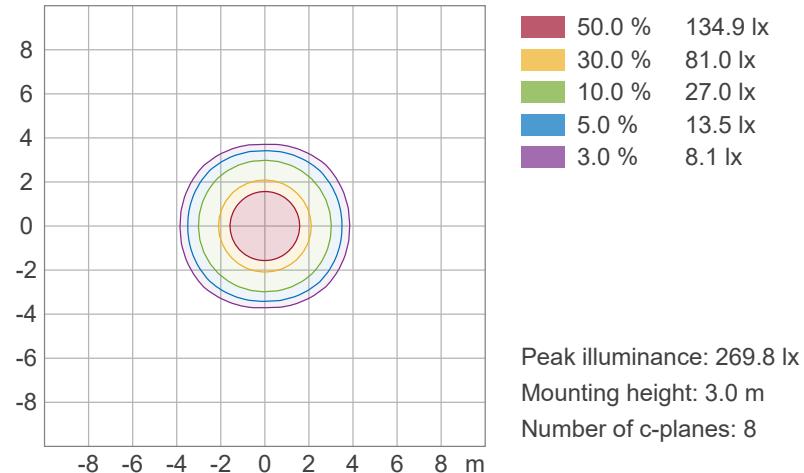


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

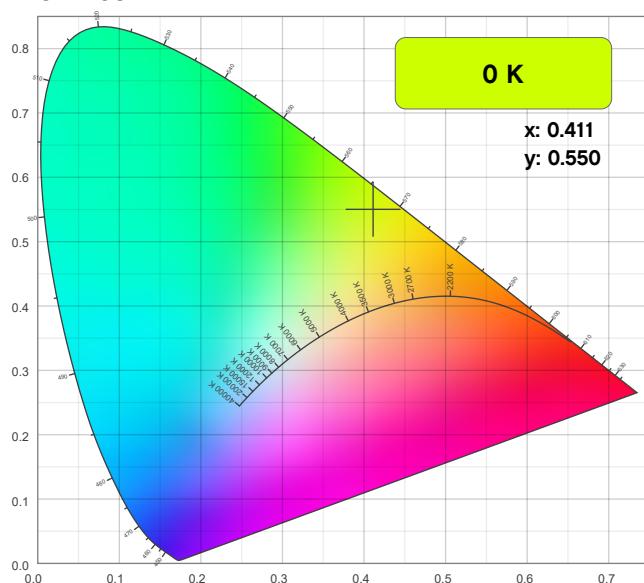


Photometric & Chromaticity Report

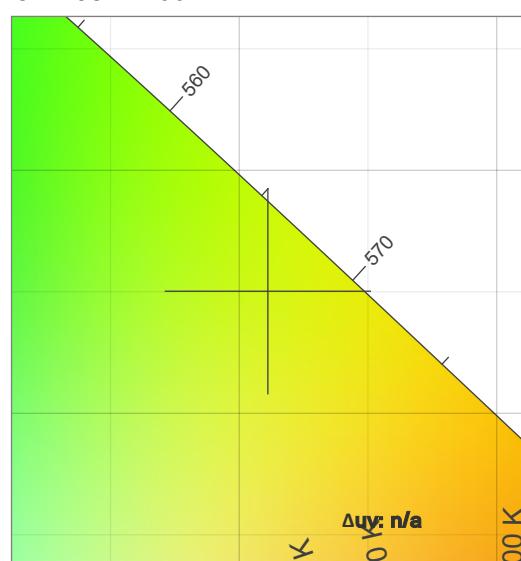
Ovation P-56FC-2: Wide LENS - Lime

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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
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	0.411	0.550

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.550	0.187

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

Ovation P-56FC-2: Wide LENS - Lime

TM-30 Details

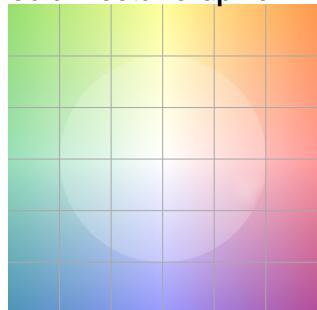
Rf 0.0

Fidelity Index
(Rg)

Rg 0.0

Gammut Index
(Rg)

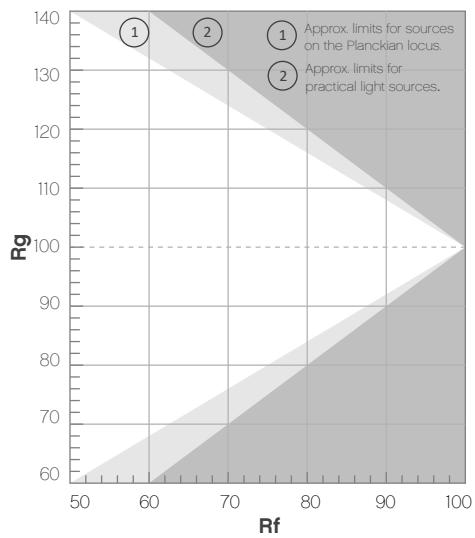
Color Vector Graphic



Color Distortion Graphic



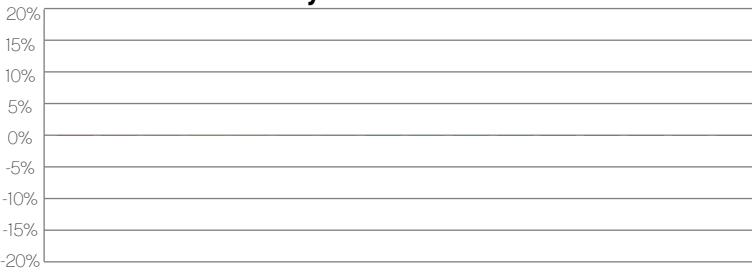
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



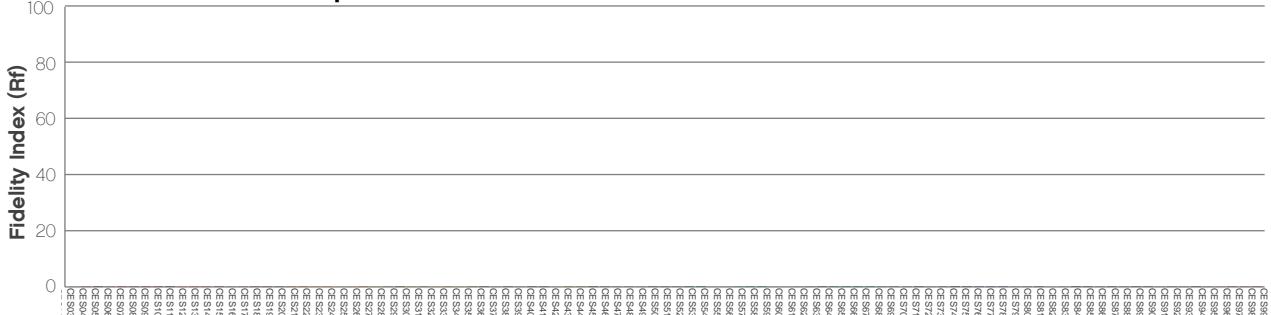
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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.

