

OVATION

R Ê V E F-3 IP

PHOTOMETRICS REPORT



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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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

OVATION

R Ê V E F-3 IP

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - Full Power

Report Summary

Measurements

Fixture Output: 5232 lm
Fixture Peak: 121733 cd
Fixture Efficacy: 10 lm/W
Intensity @ 5m: 4869 lux
Color Temperature: 3919 K
CRI: 96.2 CRI R9 Value: 93.8
CQS: 96.5
TLCI: 93
TM-30 Rf: 95.2
TM-30 Rg: 101.2
Beam Angle (50%): 10.6°
Field Angle (10%): 18.3°
Cutoff Angle (3%): 25.3°

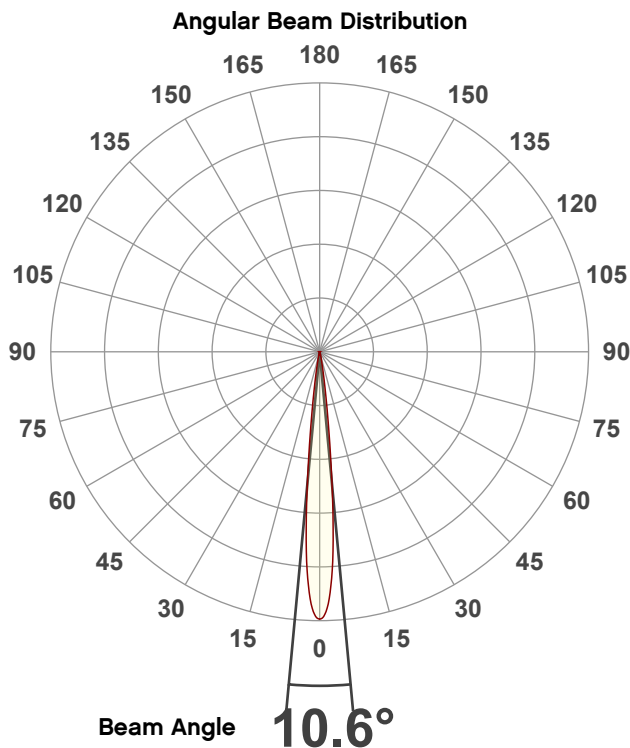


Conditions

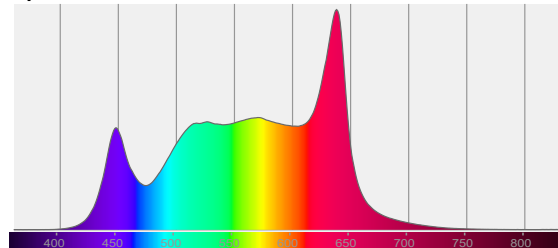
AC Supply: 111 V, 60 Hz
Power: 538.88 W
Current: 4.84 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/28/2024 to LM-63-2002 Standards.

Overall Measurement



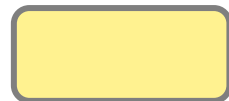
Spectral Distribution



Tested Color (CIE 1931):

X: 0.388

Y: 0.393



Light Quality

CRI: 96.2



Color Temperature

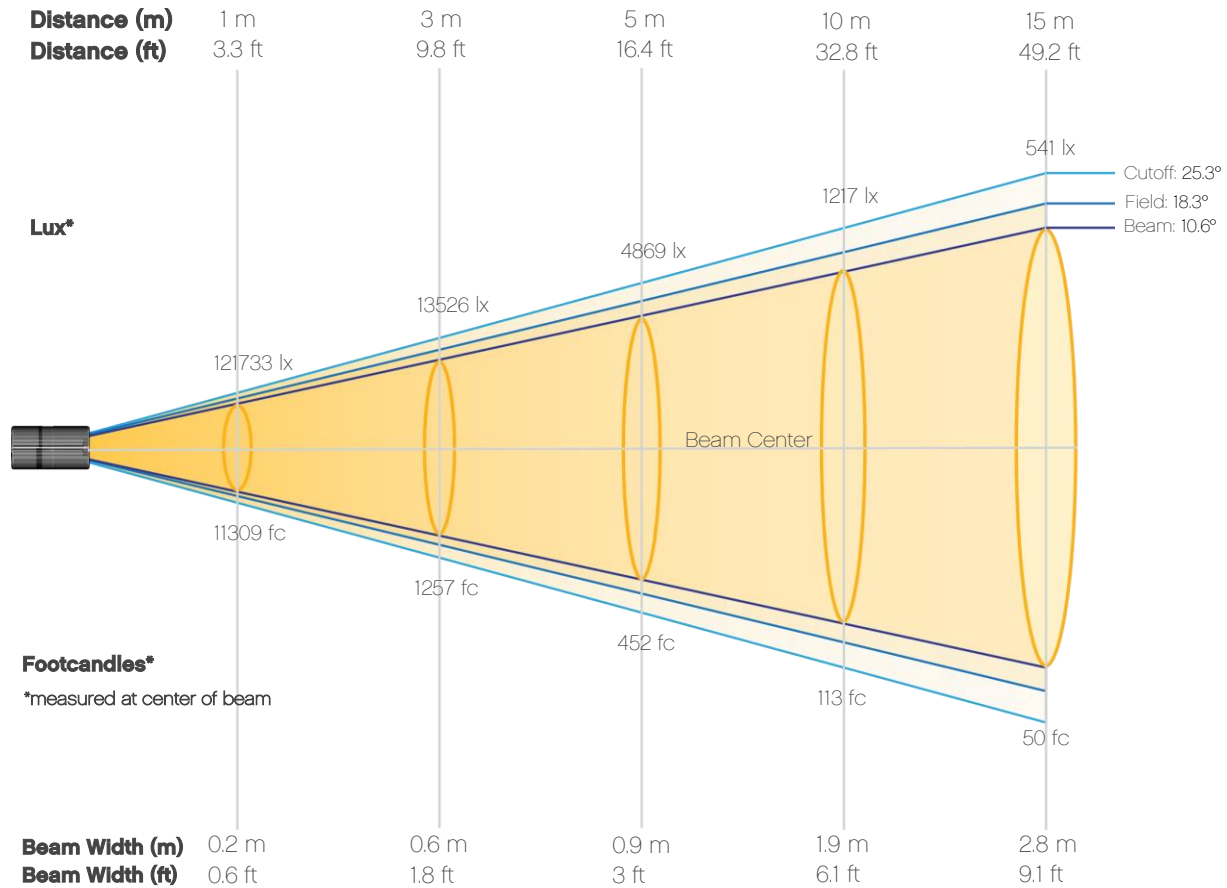
3919 K



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - Full Power

Beam Details

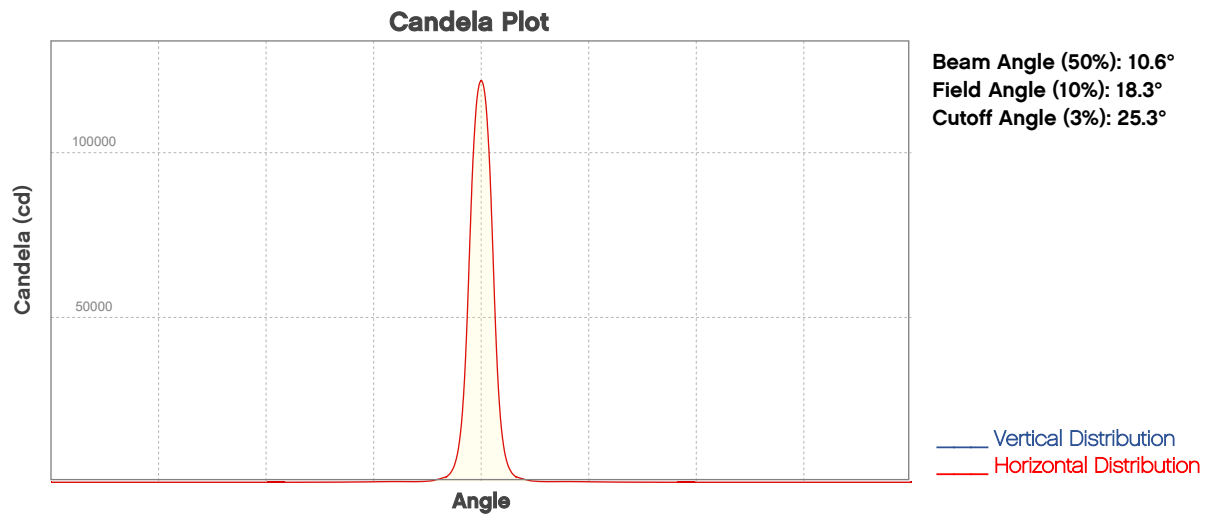


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	121733	30433	13526	7608	4869	3381	2484	1902	1503	1217
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1006	845	720	621	541	476	421	376	337	304
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	11309	2827	1257	707	452	314	231	177	140	113
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	93	79	67	58	50	44	39	35	31	28

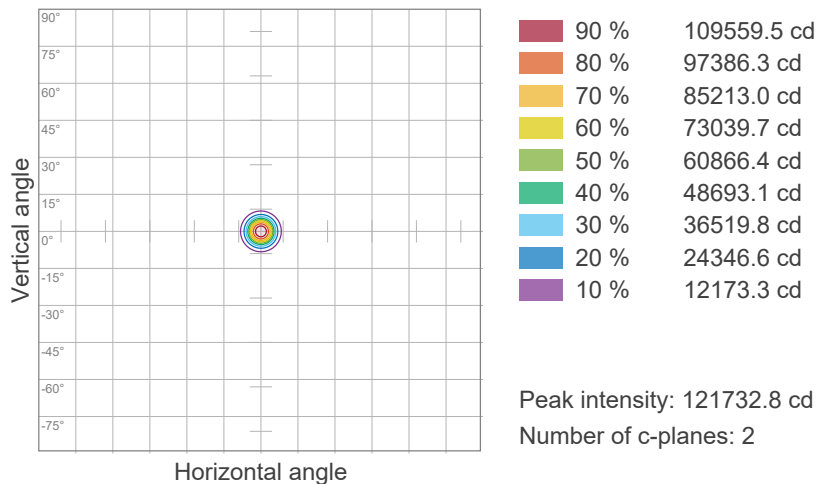
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - Full Power

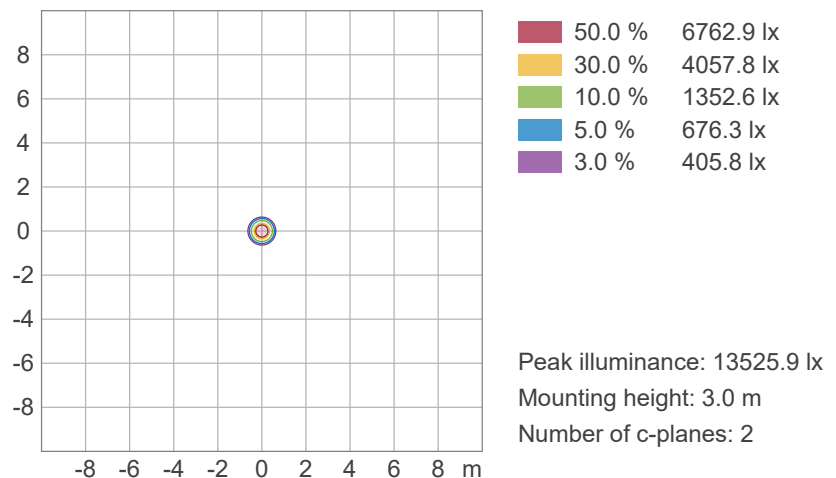


ISO Diagrams

ISO Candela Diagram



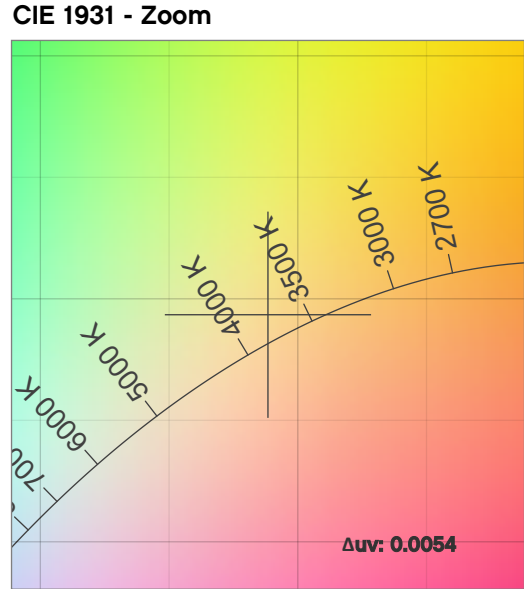
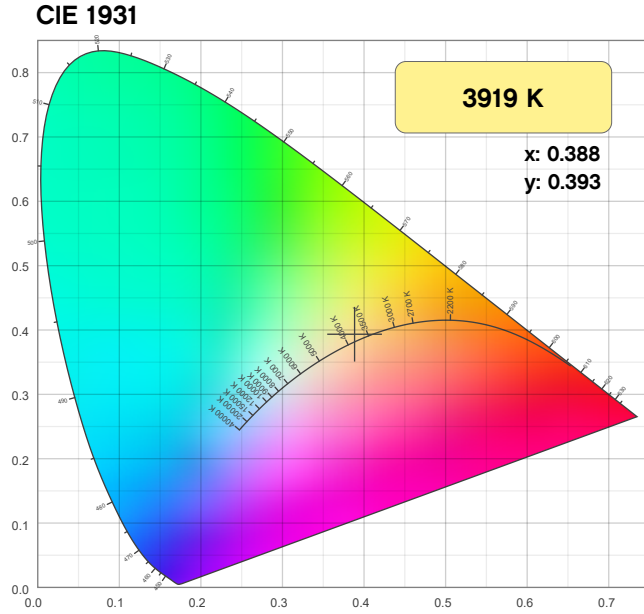
ISO Lux Diagram



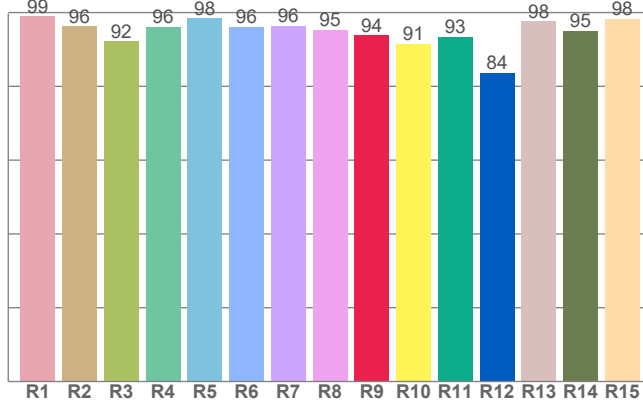
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - Full Power

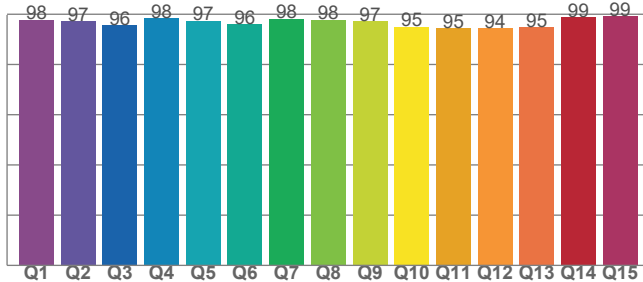
Chromaticity



CRI: 96.2 (R1-R8)



CQS: 96.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3919 K	0.388	0.393

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0054	0.393	0.224

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.2	93.8	96.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	95.2	101.2

Photometric & Chromaticity Report

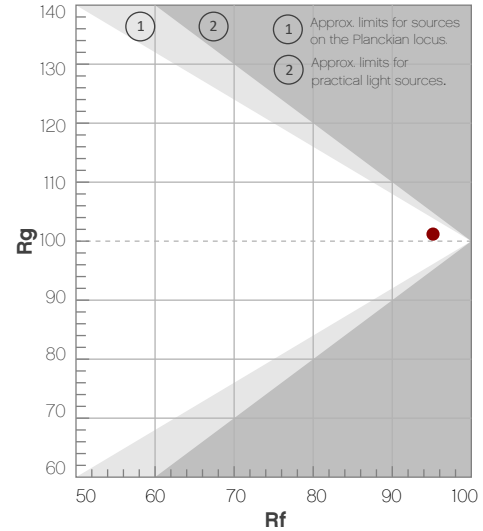
Ovation Rêve F-3 IP: Full Spot - Full Power

TM-30 Details

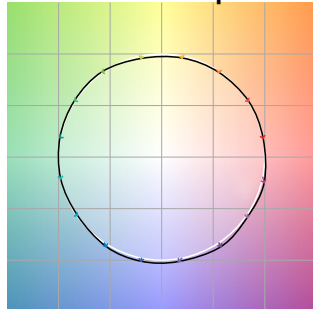
Rf 95.2
Fidelity Index
(Rg)

Rg 101.2
Gammut Index
(Rg)

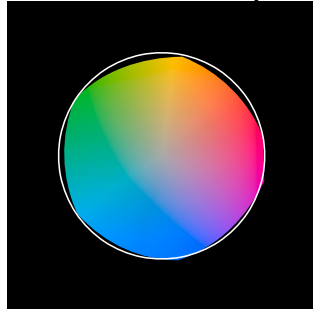
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	96	0%	-2%
3	96	-1%	0%
4	97	-2%	-1%
5	95	-2%	1%
6	96	1%	2%
7	96	1%	1%
8	96	0%	1%
9	96	0%	1%
10	97	-1%	2%
11	93	2%	4%
12	93	3%	0%
13	93	3%	-4%
14	96	4%	-1%
15	94	1%	-3%
16	91	2%	-5%



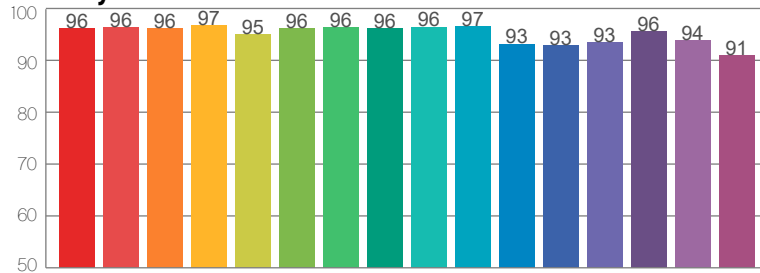
Color Vector Graphic



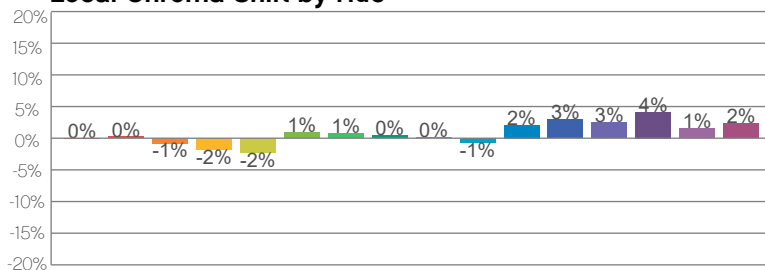
Color Distortion Graphic



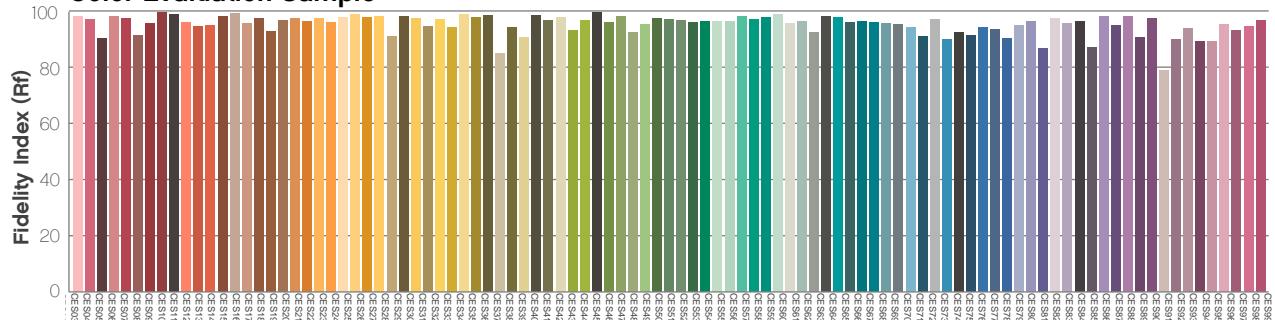
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Full Power

Report Summary

Measurements

Fixture Output: 9799 lm
Fixture Peak: 39750 cd
Fixture Efficacy: 18 lm/W
Intensity @ 5m: 1587 lux
Color Temperature: 3842 K
CRI: 95.8 CRI R9 Value: 89.0
CQS: 96.0
TLCI: 93
TM-30 Rf: 95.1
TM-30 Rg: 101.6
Beam Angle (50%): 30.5°
Field Angle (10%): 44.2°
Cutoff Angle (3%): 50.5°

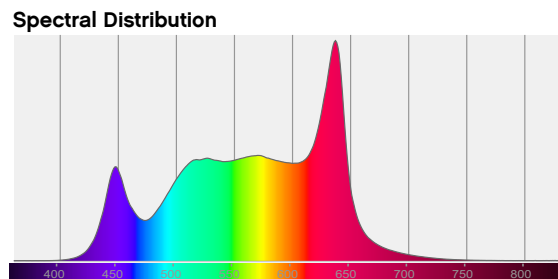
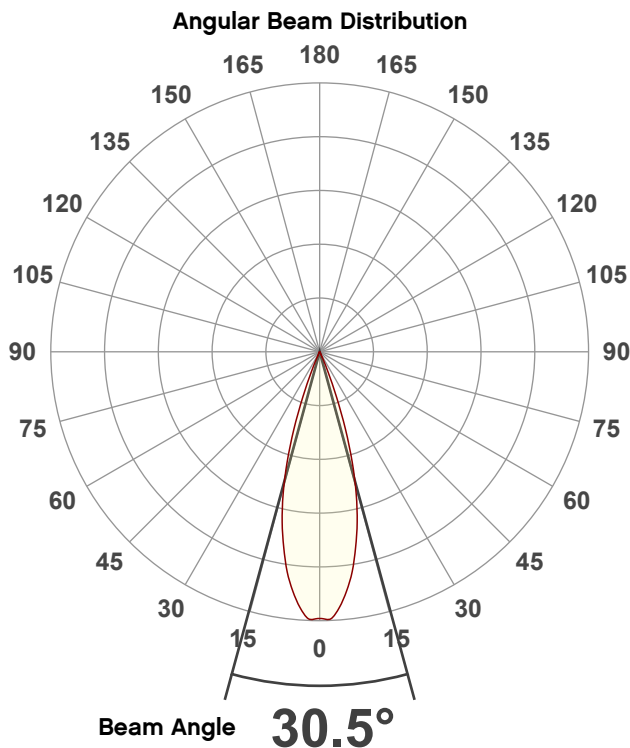


Conditions

AC Supply: 110 V, 60 Hz
Power: 548.17 W
Current: 4.97 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

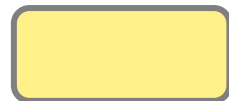
Overall Measurement



Tested Color (CIE 1931):

X: 0.392

Y: 0.395



Light Quality

CRI: 95.8

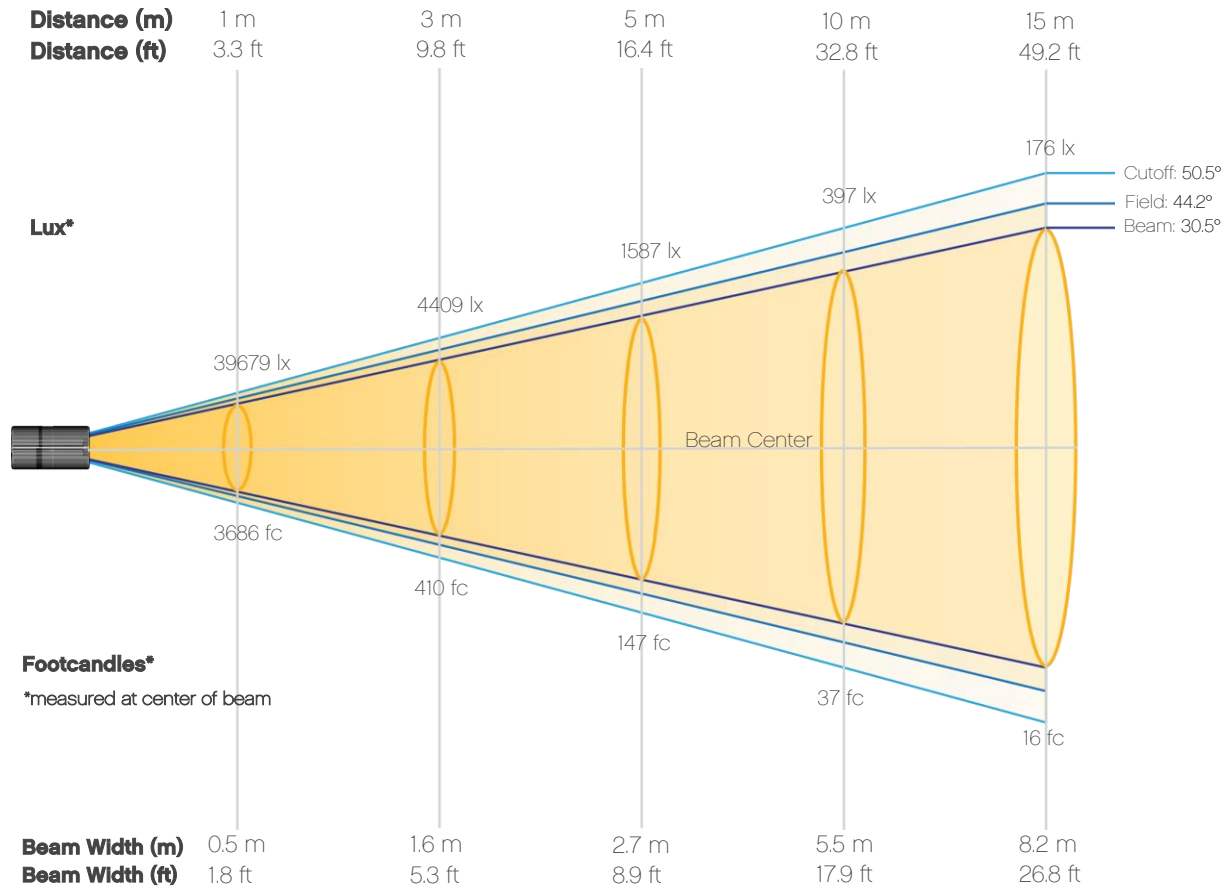
Color Temperature

3842 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Full Power

Beam Details

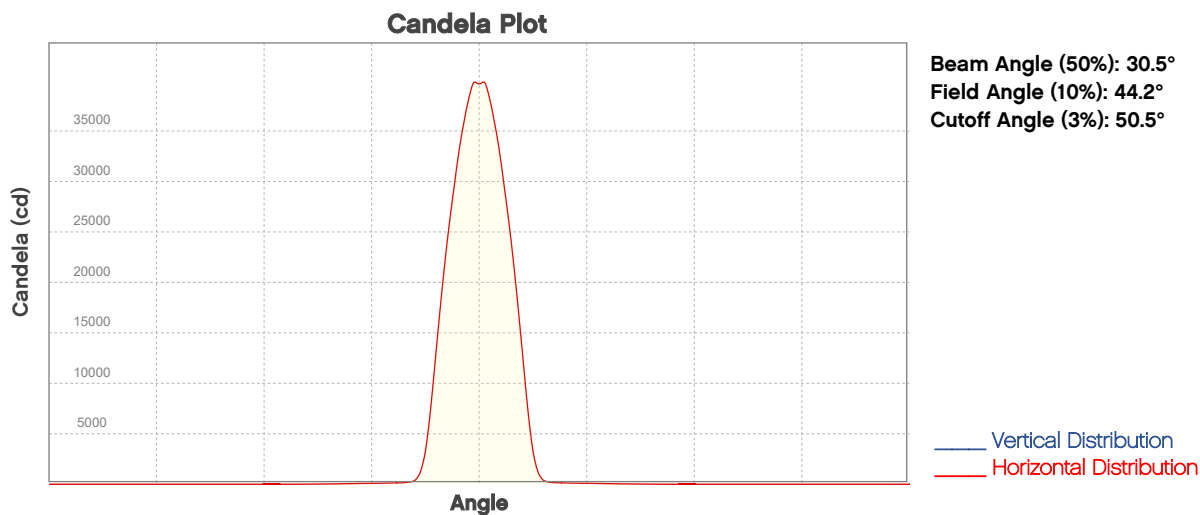


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39679	9920	4409	2480	1587	1102	810	620	490	397
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	328	276	235	202	176	155	137	122	110	99
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3686	922	410	230	147	102	75	58	46	37
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	30	26	22	19	16	14	13	11	10	9

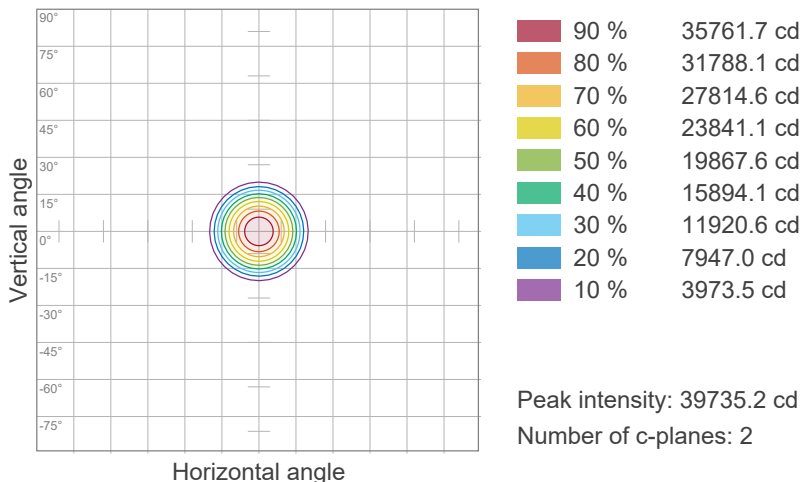
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Full Power

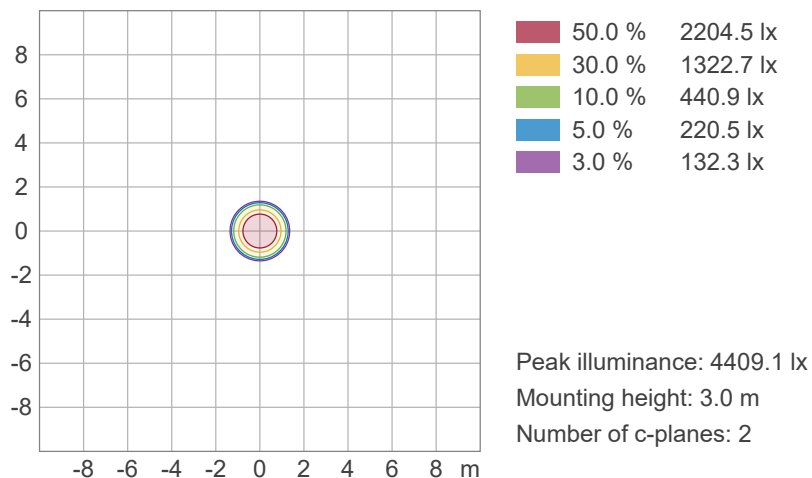


ISO Diagrams

ISO Candela Diagram



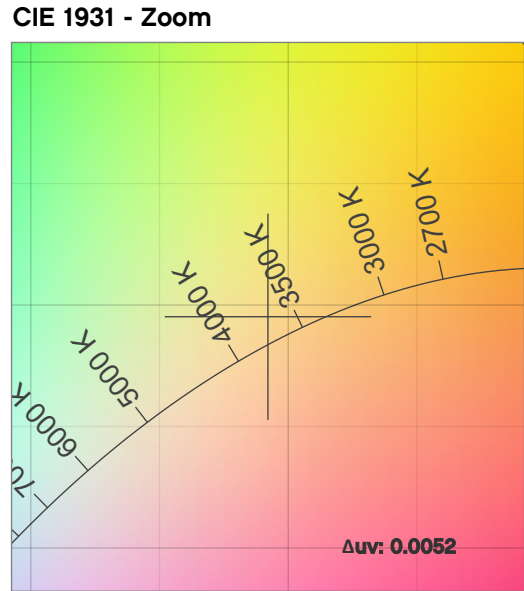
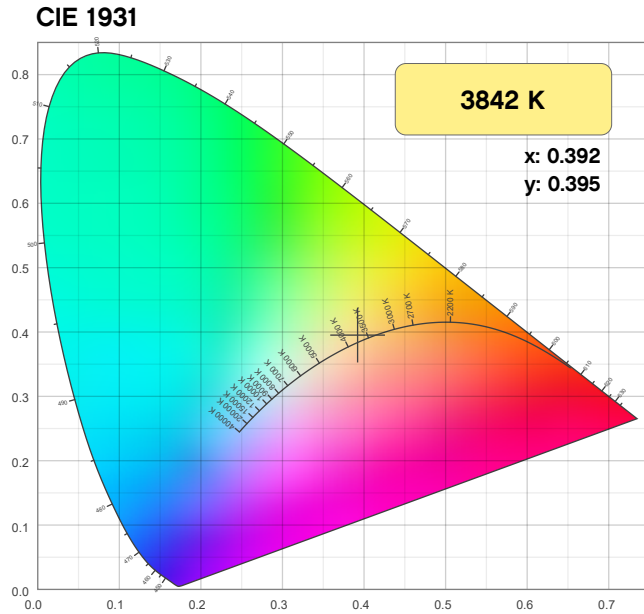
ISO Lux Diagram



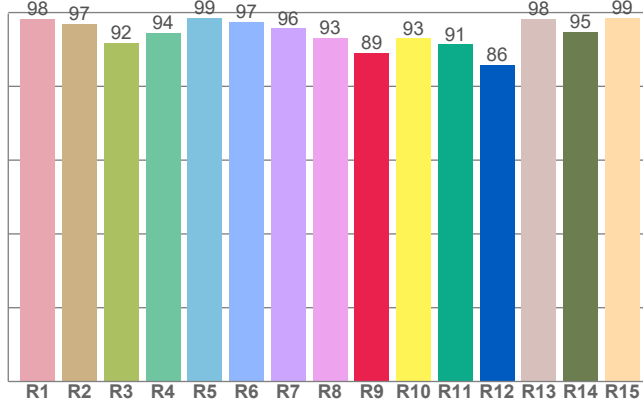
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Full Power

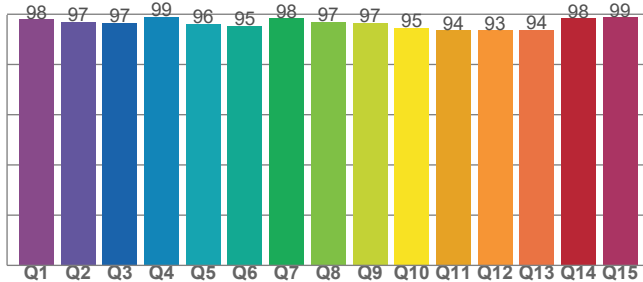
Chromaticity



CRI: 95.8 (R1-R8)



CQS: 96.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3842 K	0.392	0.395

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0052	0.395	0.225

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.8	89.0	96.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	95.1	101.6

Photometric & Chromaticity Report

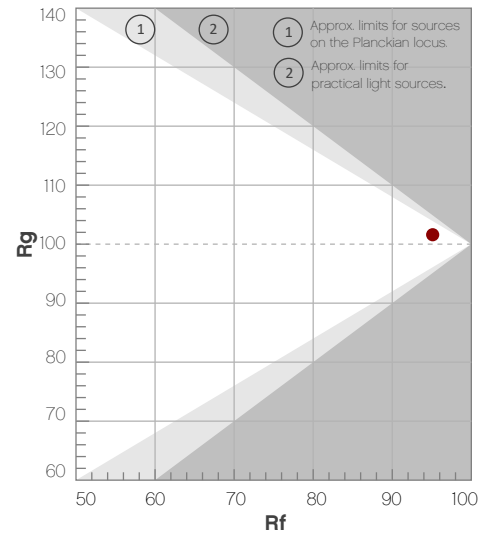
Ovation Rêve F-3 IP: 50% Zoom - Full Power

TM-30 Details

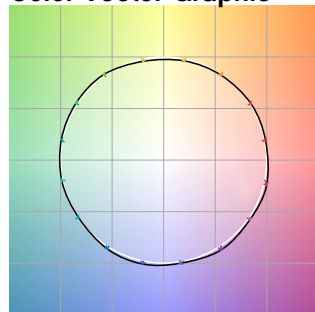
Rf 95.1
Fidelity Index
(Rg)

Rg 101.6
Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-1%
2	95	1%	-2%
3	96	-1%	-1%
4	97	-2%	-1%
5	95	-2%	1%
6	96	1%	3%
7	96	1%	2%
8	96	1%	1%
9	96	1%	1%
10	97	0%	1%
11	94	2%	3%
12	93	3%	-1%
13	94	1%	-5%
14	94	3%	-3%
15	94	2%	-2%
16	91	3%	-5%



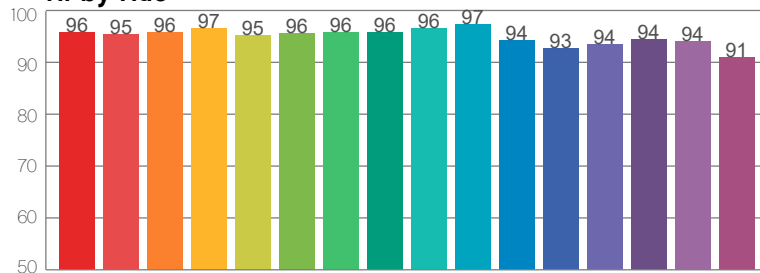
Color Vector Graphic



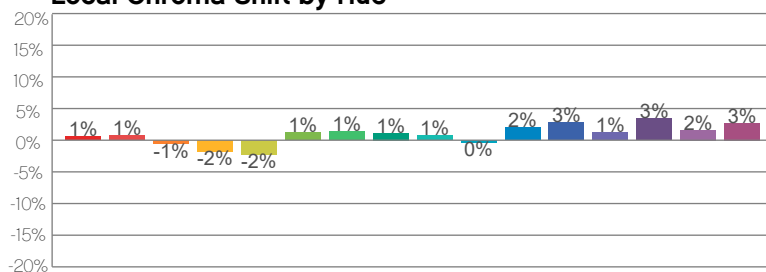
Color Distortion Graphic



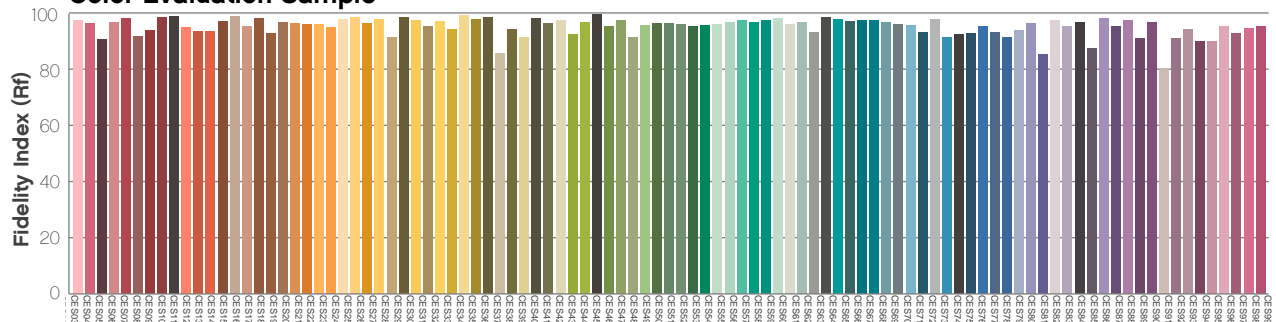
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - Full Power

Report Summary

Measurements

Fixture Output: 13374 lm
Fixture Peak: 12054 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 482 lux
Color Temperature: 3833 K
CRI: 95.6 CRI R9 Value: 87.5
CQS: 95.6
TLCI: 93
TM-30 Rf: 95.0
TM-30 Rg: 101.5
Beam Angle (50%): 68.2°
Field Angle (10%): 90.4°
Cutoff Angle (3%): 99.5°

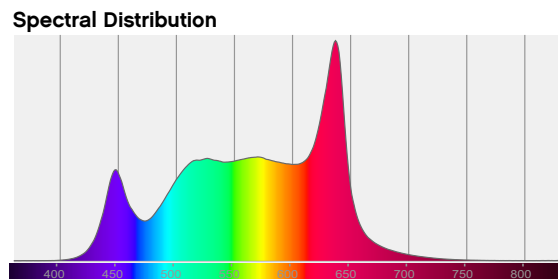
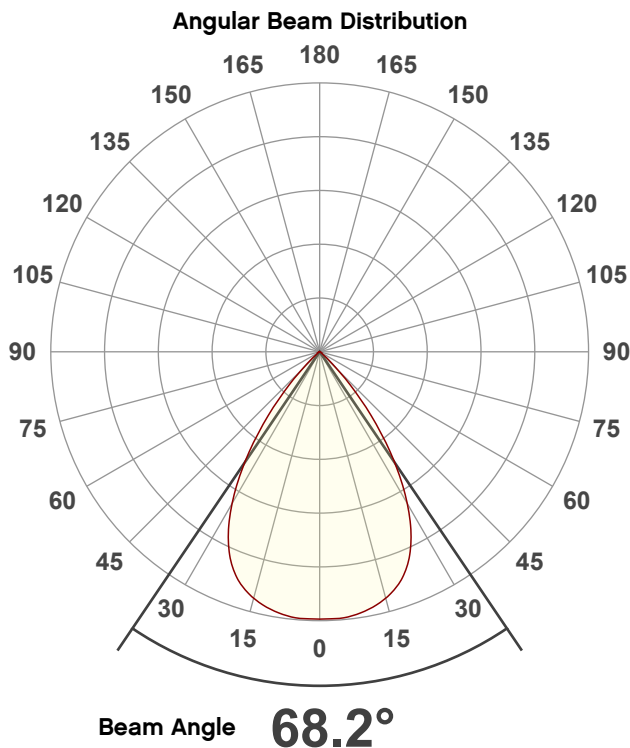


Conditions

AC Supply: 112 V, 60 Hz
Power: 545.66 W
Current: 4.87 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/28/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.393
Y: 0.397

Light Quality

CRI: 95.6

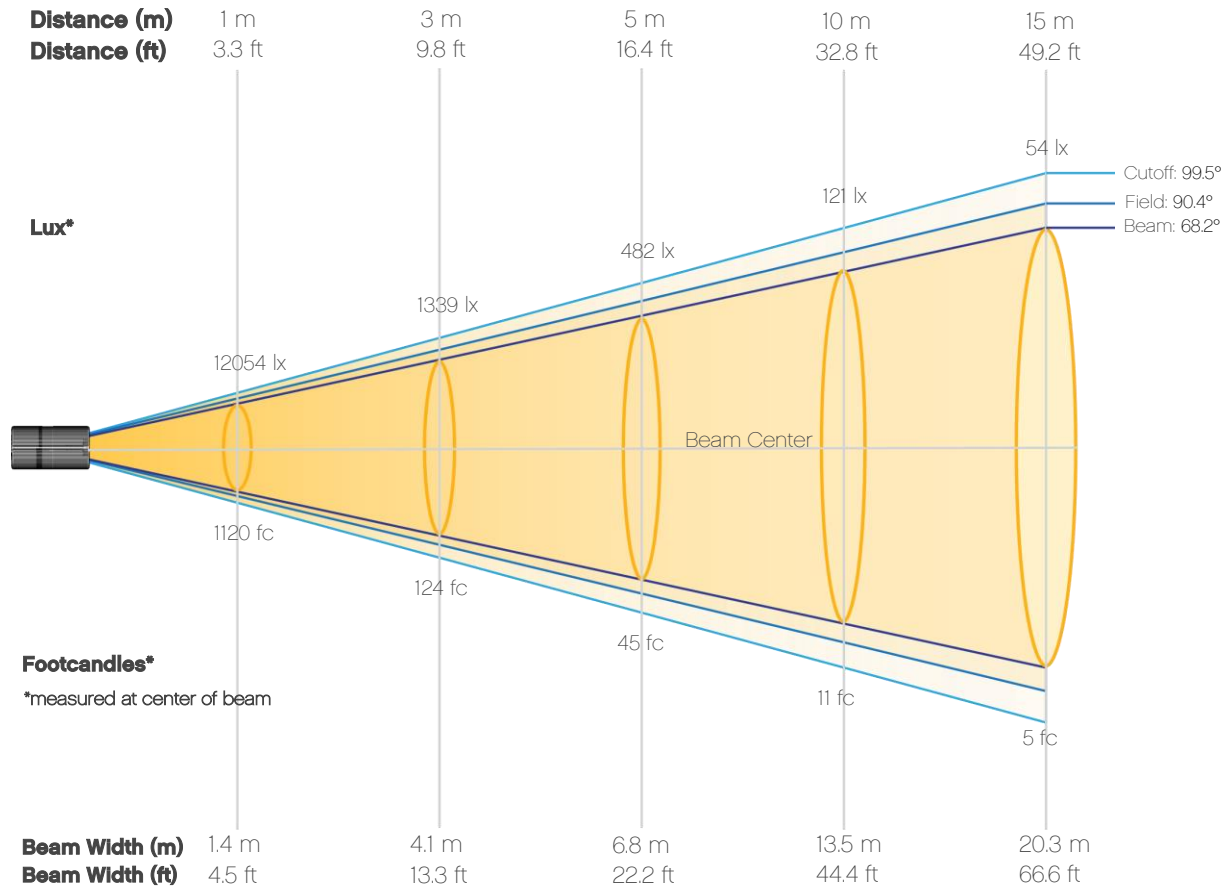
Color Temperature

3833 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - Full Power

Beam Details

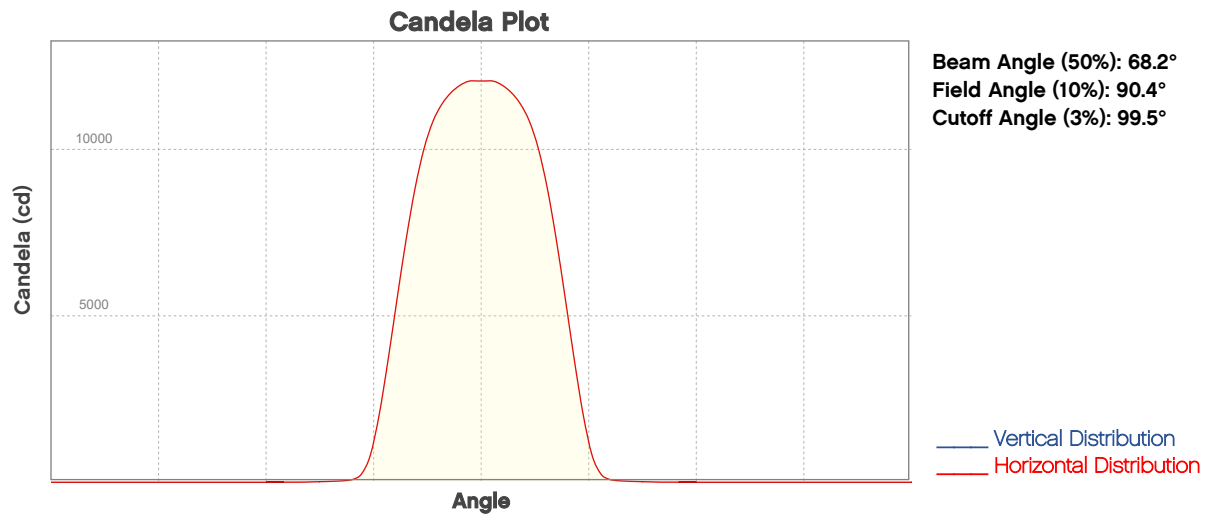


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12054	3014	1339	753	482	335	246	188	149	121
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	100	84	71	62	54	47	42	37	33	30
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1120	280	124	70	45	31	23	17	14	11
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	9	8	7	6	5	4	4	3	3	3

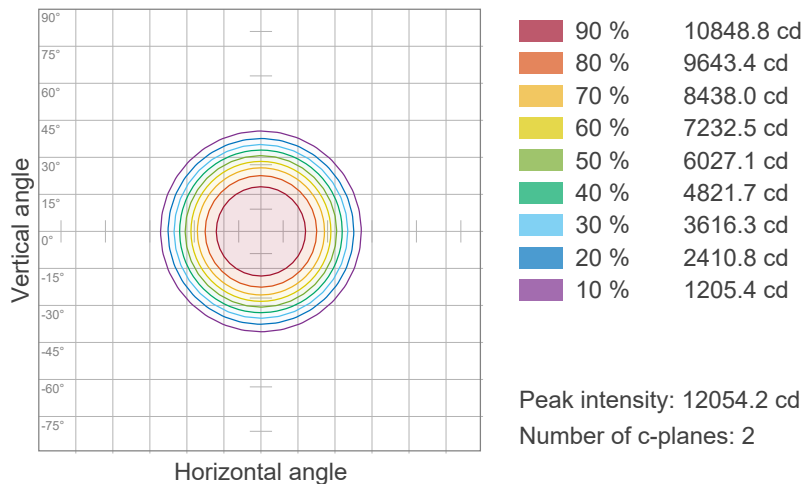
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - Full Power

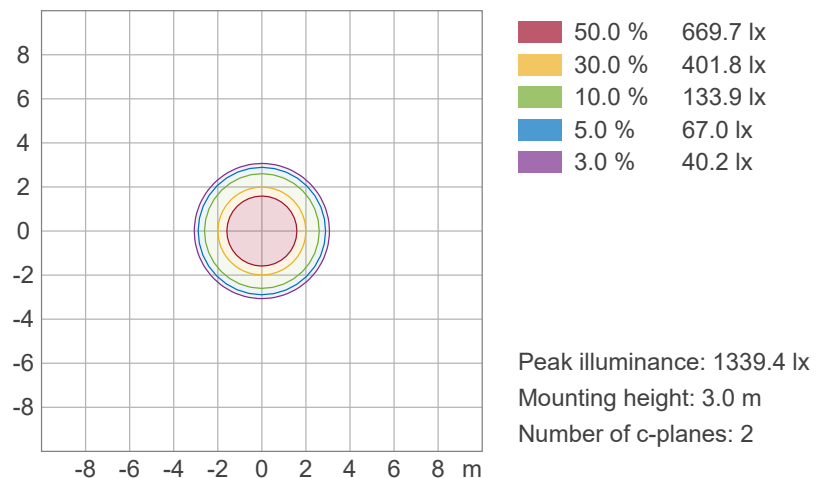


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

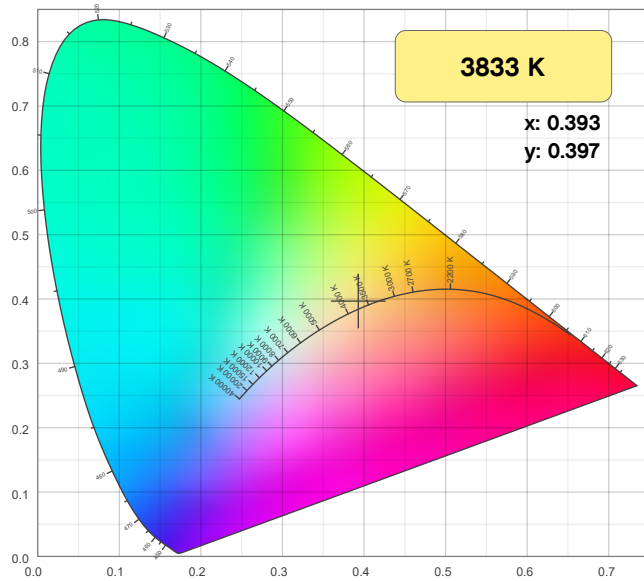


Photometric & Chromaticity Report

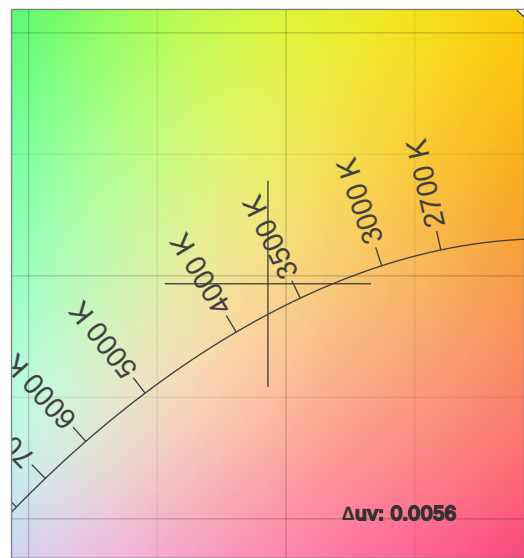
Ovation Rêve F-3 IP: Full Flood - Full Power

Chromaticity

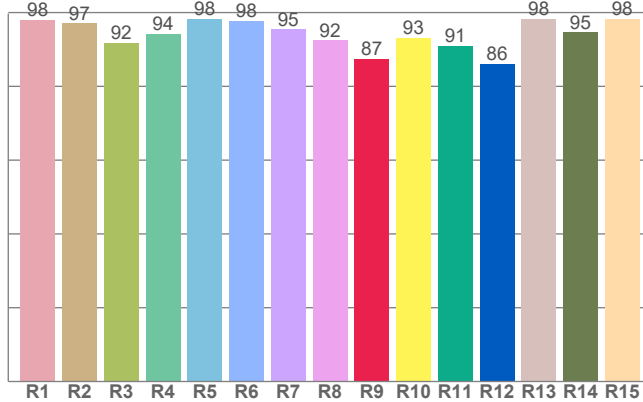
CIE 1931



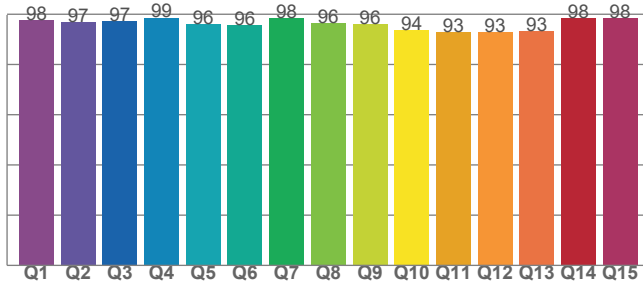
CIE 1931 - Zoom



CRI: 95.6 (R1-R8)



CQS: 95.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3833 K	0.393	0.397

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0056	0.397	0.225

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.6	87.5	95.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	95.0	101.5

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - Full Power

TM-30 Details

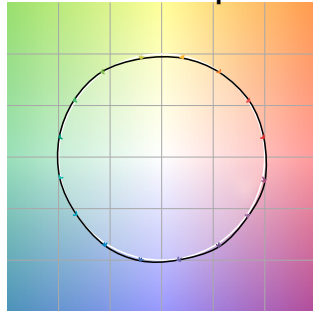
Rf 95.0

Fidelity Index
(Rg)

Rg 101.5

Gammut Index
(Rg)

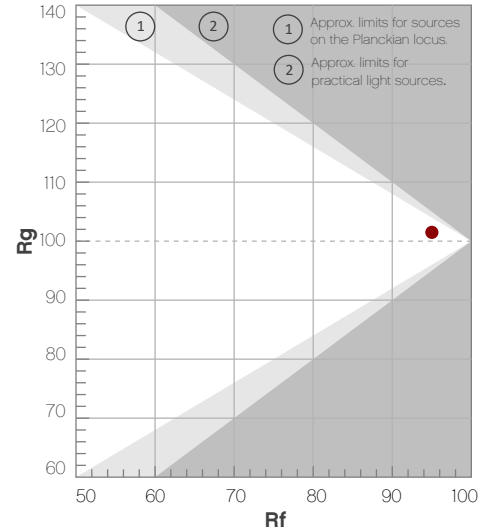
Color Vector Graphic



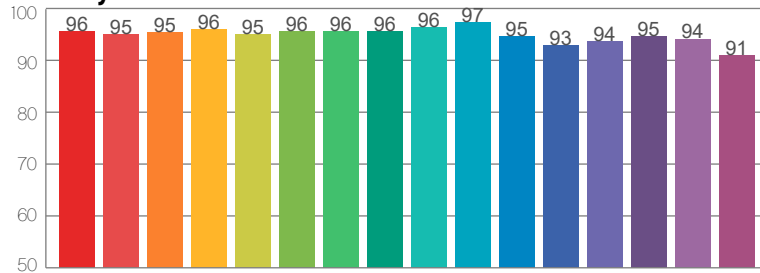
Color Distortion Graphic



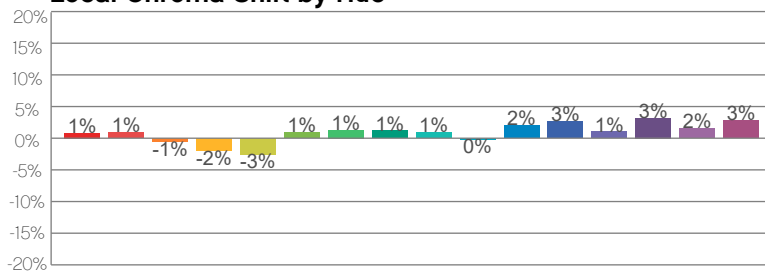
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-1%
2	95	1%	-2%
3	95	-1%	-1%
4	96	-2%	-2%
5	95	-3%	1%
6	96	1%	3%
7	96	1%	2%
8	96	1%	1%
9	96	1%	1%
10	97	0%	1%
11	95	2%	3%
12	93	3%	-1%
13	94	1%	-5%
14	95	3%	-2%
15	94	2%	-2%
16	91	3%	-4%



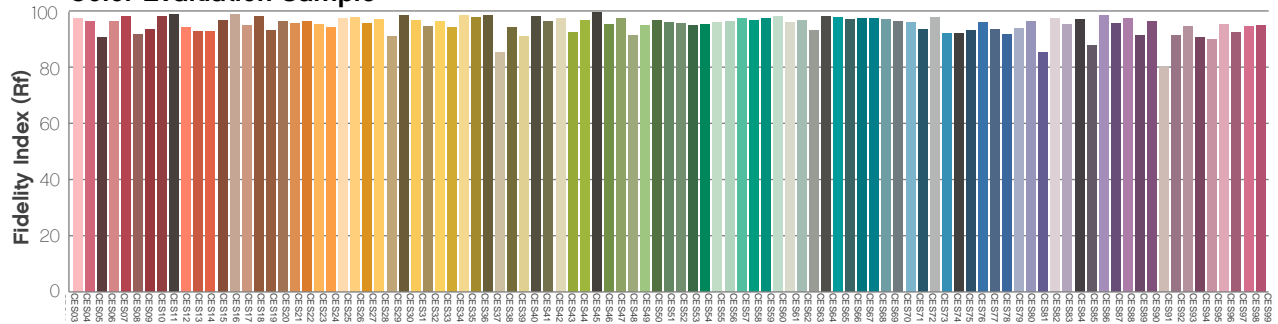
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 3200K

Report Summary

Measurements

Fixture Output: 3739 lm
Fixture Peak: 85925 cd
Fixture Efficacy: 9 lm/W
Intensity @ 5m: 3437 lux
Color Temperature: 3225 K
CRI: 96.3 CRI R9 Value: 93.5
CQS: 95.7
TLCI: 90
TM-30 Rf: 95.1
TM-30 Rg: 103.1
Beam Angle (50%): 10.7°
Field Angle (10%): 18.4°
Cutoff Angle (3%): 25.4°

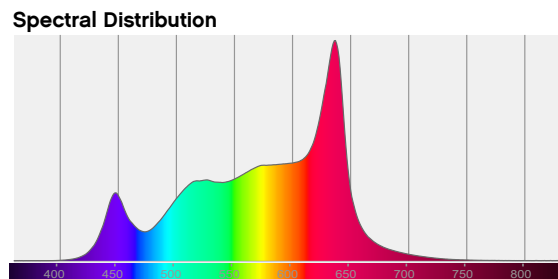
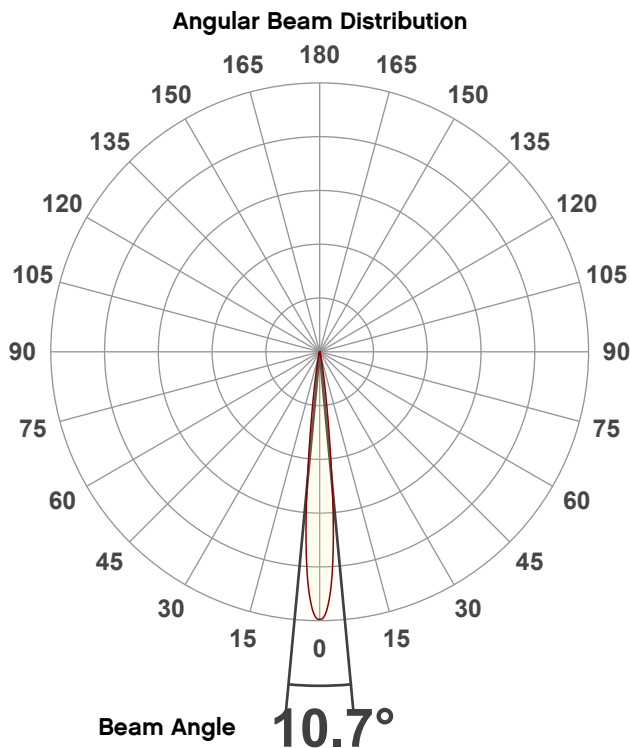


Conditions

AC Supply: 112 V, 60 Hz
Power: 420.63 W
Current: 3.76 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.423
Y: 0.400

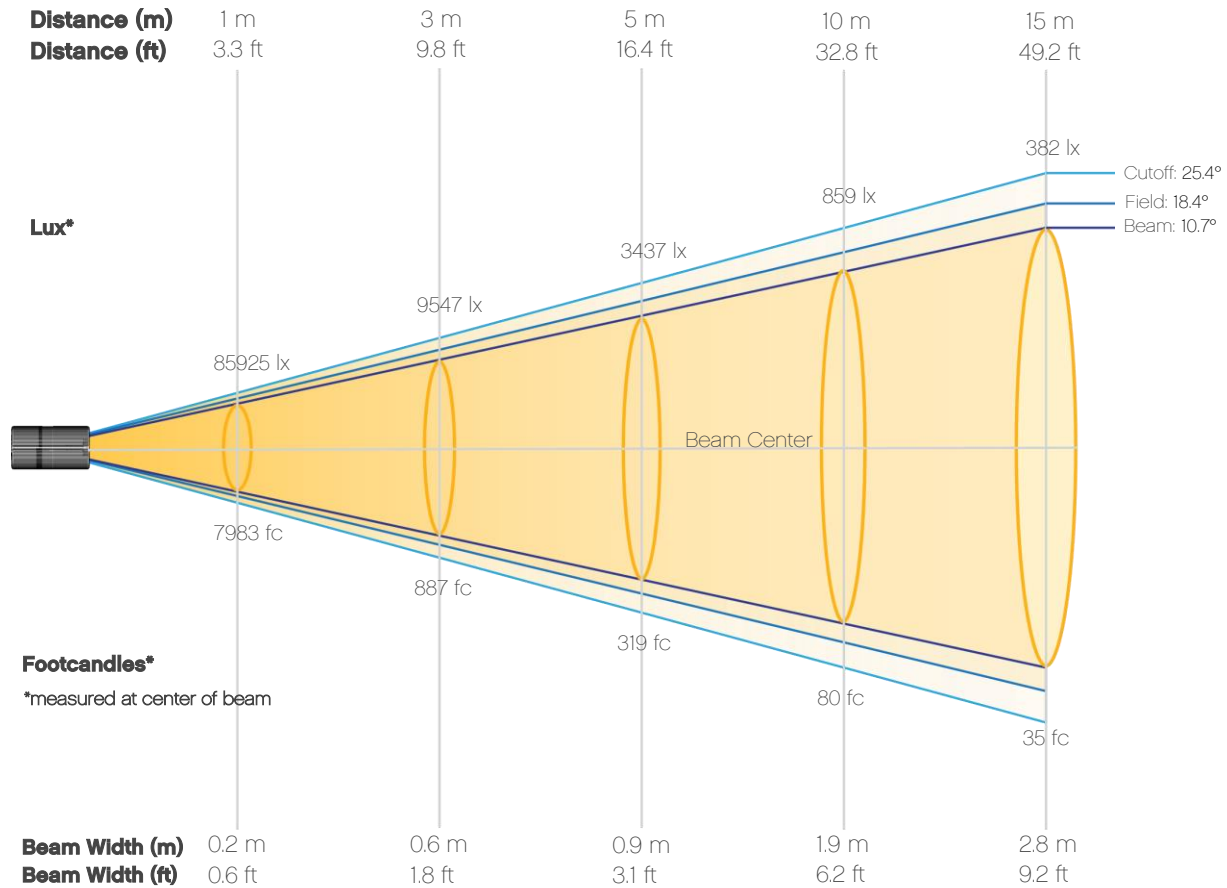
Light Quality
CRI: 96.3

Color Temperature
3225 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 3200K

Beam Details

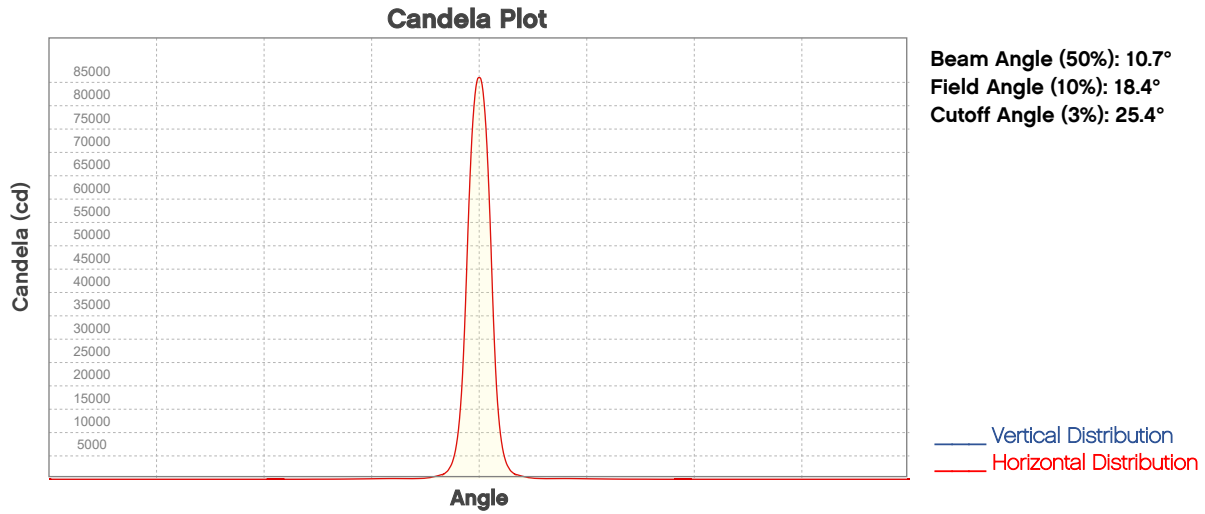


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	85925	21481	9547	5370	3437	2387	1754	1343	1061	859
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	710	597	508	438	382	336	297	265	238	215
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7983	1996	887	499	319	222	163	125	99	80
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	66	55	47	41	35	31	28	25	22	20

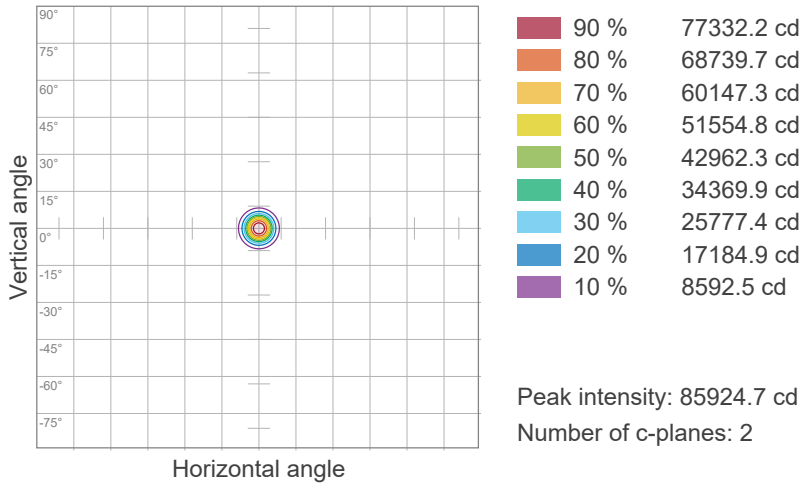
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 3200K

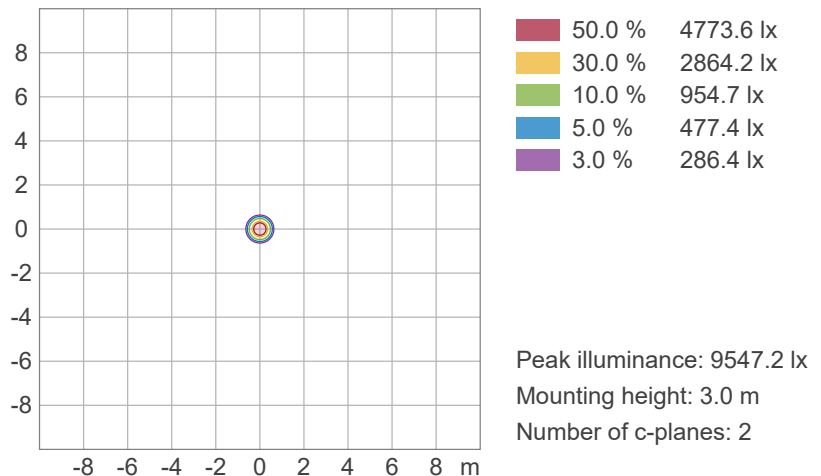


ISO Diagrams

ISO Candela Diagram



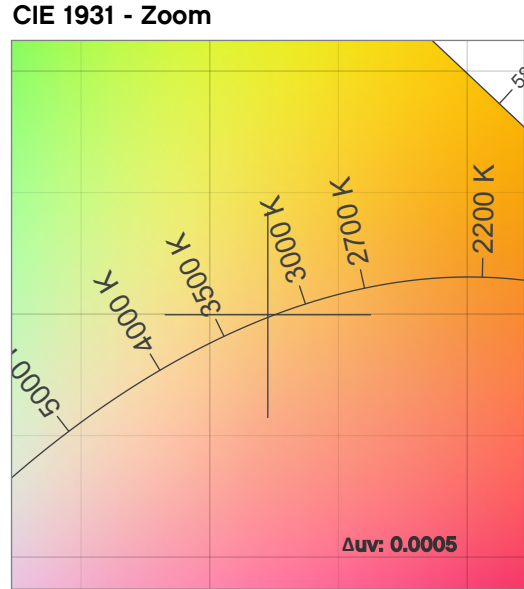
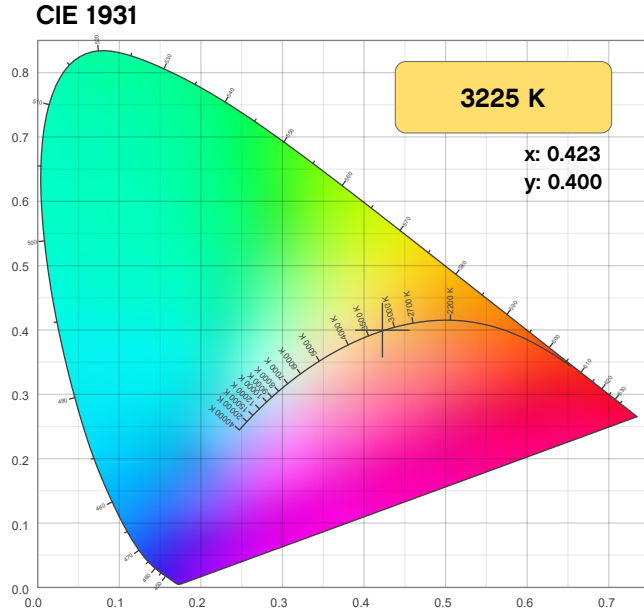
ISO Lux Diagram



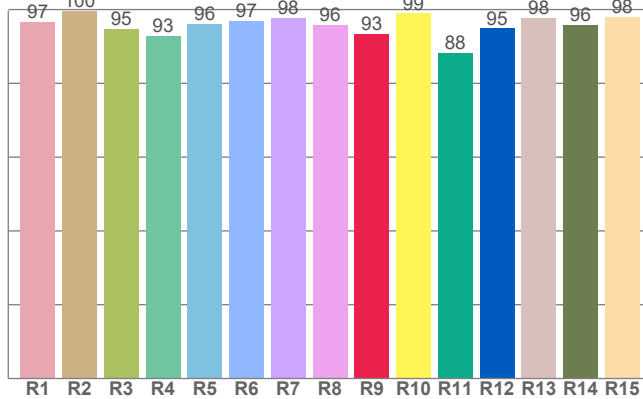
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 3200K

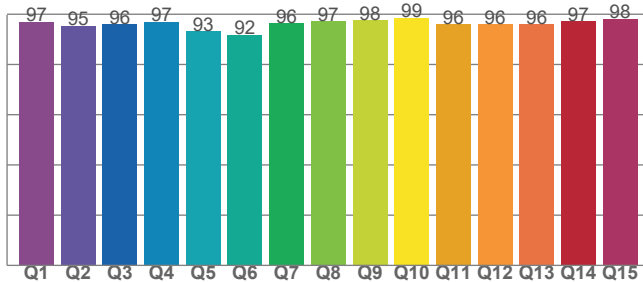
Chromaticity



CRI: 96.3 (R1-R8)



CQS: 95.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3225 K	0.423	0.400

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0005	0.400	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.3	93.5	95.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	95.1	103.1

Photometric & Chromaticity Report

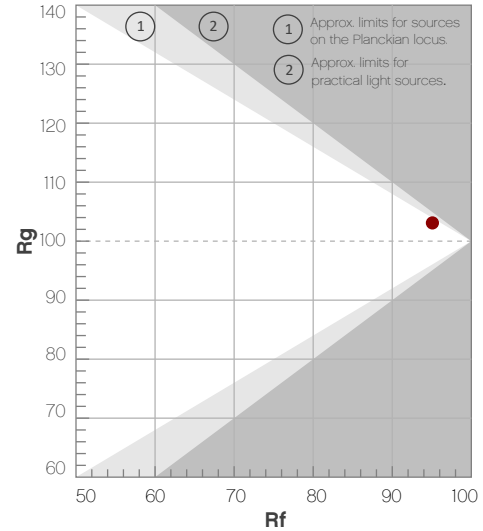
Ovation Rêve F-3 IP: Full Spot - 3200K

TM-30 Details

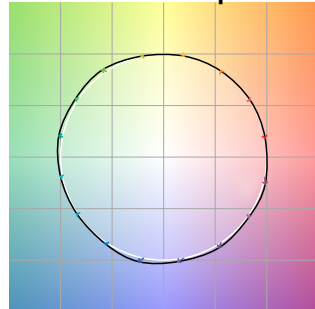
Rf 95.1
Fidelity Index
(Rg)

Rg 103.1
Gammut Index
(Rg)

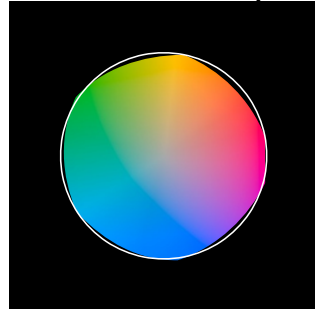
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-1%
2	97	0%	-1%
3	96	0%	0%
4	98	0%	0%
5	95	0%	2%
6	93	3%	3%
7	96	3%	0%
8	94	4%	-1%
9	96	2%	-1%
10	97	1%	-1%
11	97	1%	1%
12	90	4%	-4%
13	91	2%	-7%
14	93	3%	-4%
15	94	1%	-3%
16	91	2%	-7%



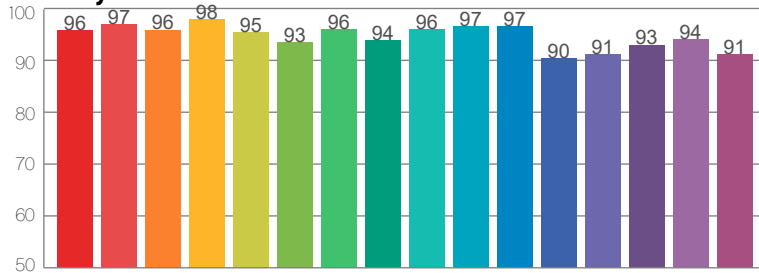
Color Vector Graphic



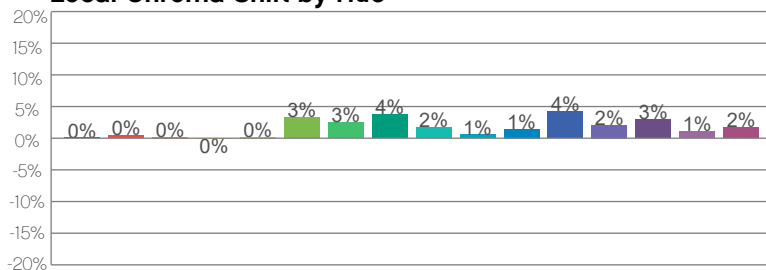
Color Distortion Graphic



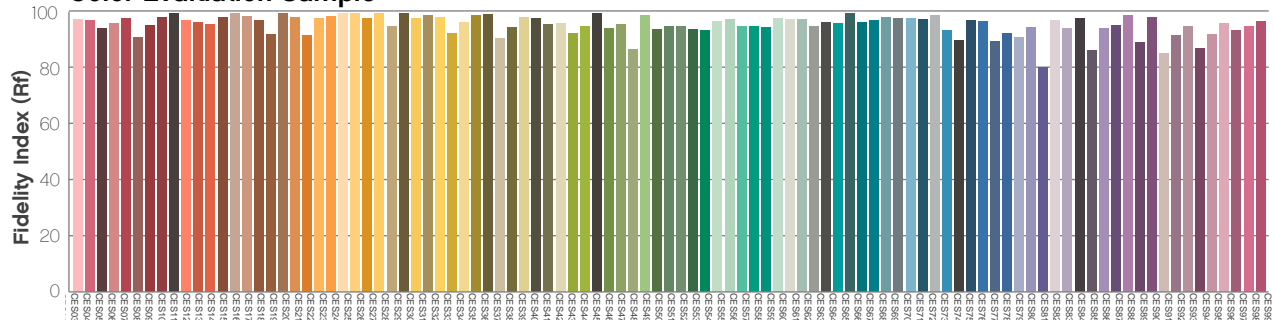
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 3200K

Report Summary

Measurements

Fixture Output: 7287 lm
Fixture Peak: 29974 cd
Fixture Efficacy: 17 lm/W
Intensity @ 5m: 1199 lux
Color Temperature: 3291 K
CRI: 96.1 CRI R9 Value: 77.8
CQS: 94.4
TLCI: 87
TM-30 Rf: 93.6
TM-30 Rg: 101.9
Beam Angle (50%): 30.2°
Field Angle (10%): 44.1°
Cutoff Angle (3%): 50.4°

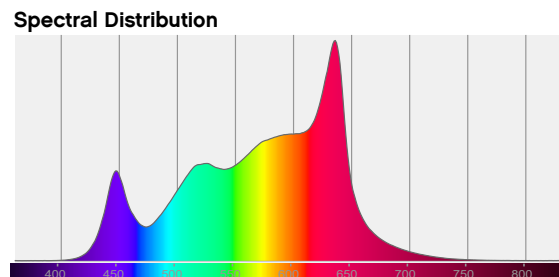
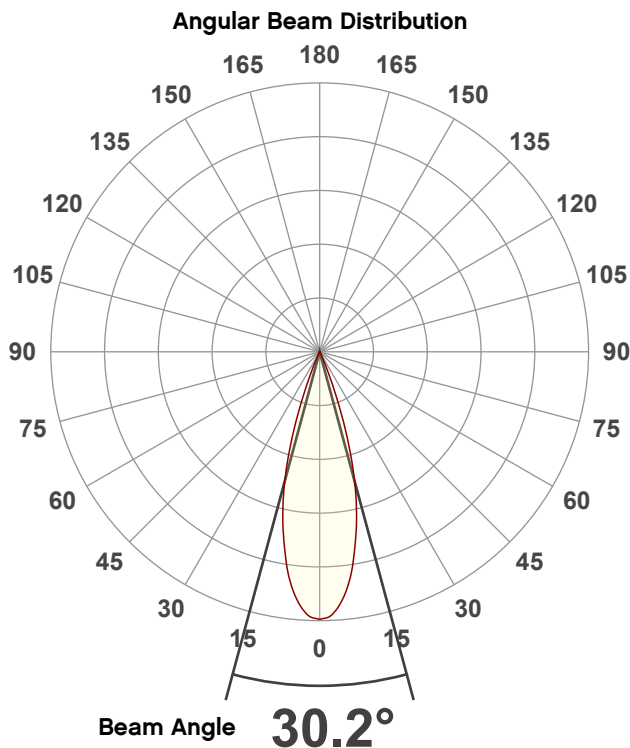


Conditions

AC Supply: 113 V, 60 Hz
Power: 419.49 W
Current: 3.72 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.418
Y: 0.397

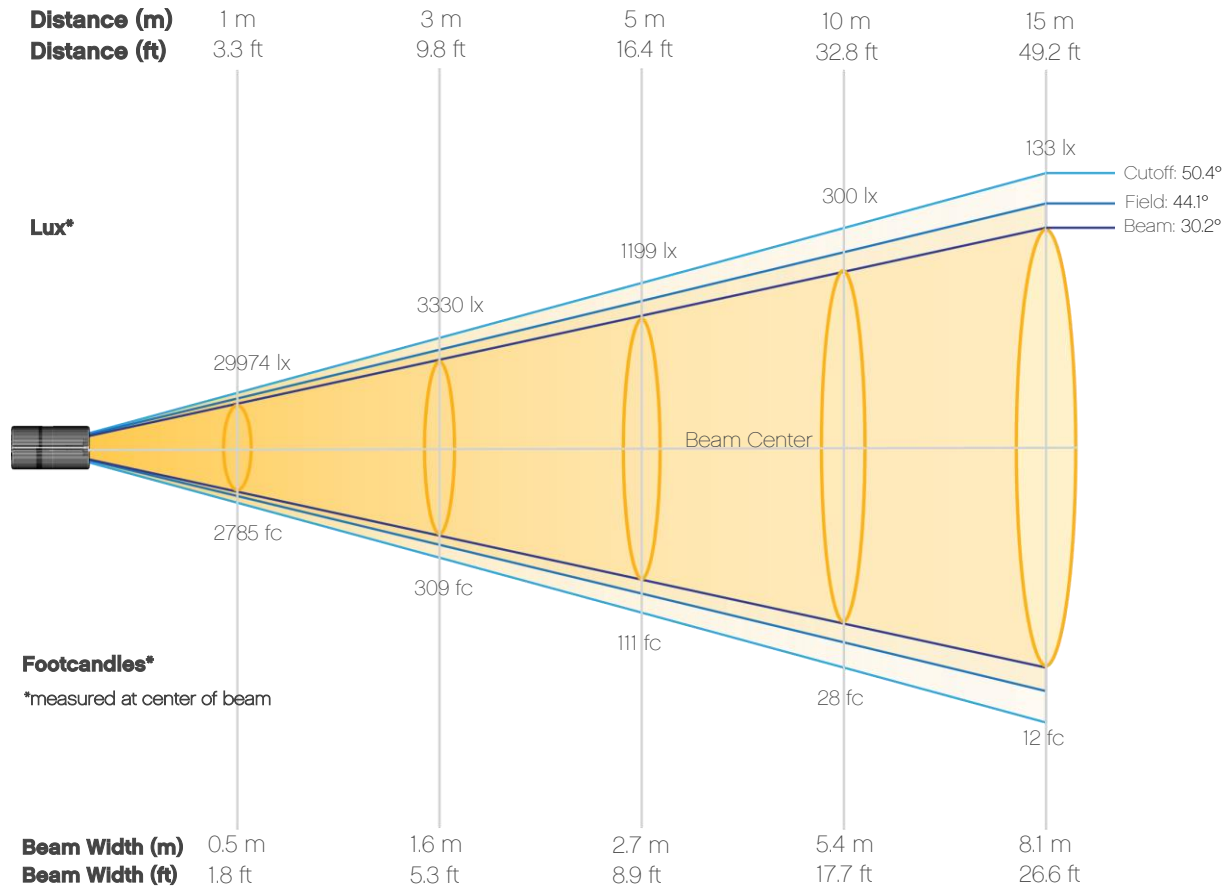
Light Quality
CRI: 96.1

Color Temperature
3291 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 3200K

Beam Details

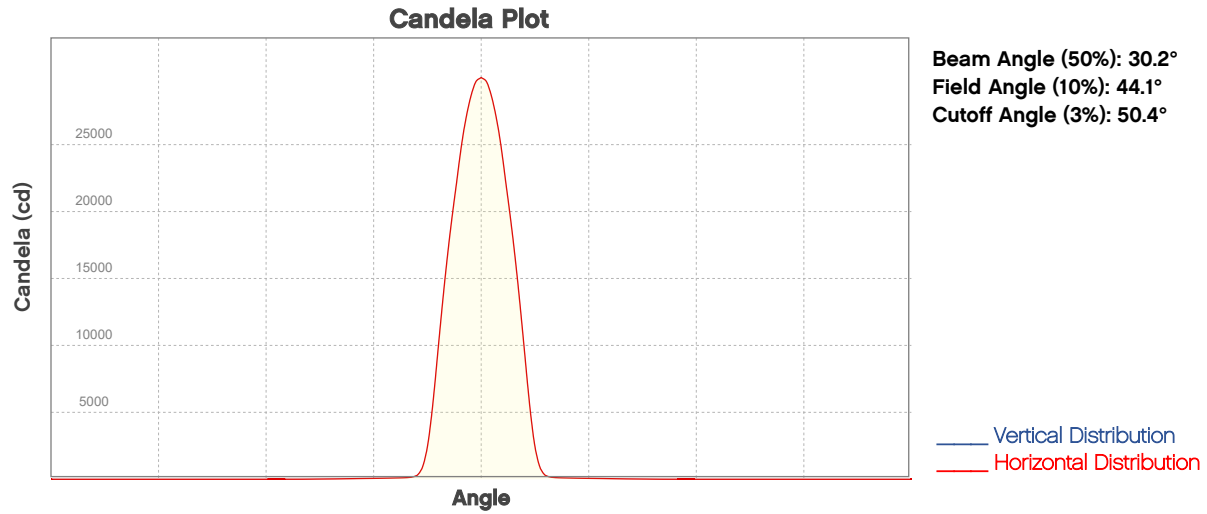


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	29974	7493	3330	1873	1199	833	612	468	370	300
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	248	208	177	153	133	117	104	93	83	75
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2785	696	309	174	111	77	57	44	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

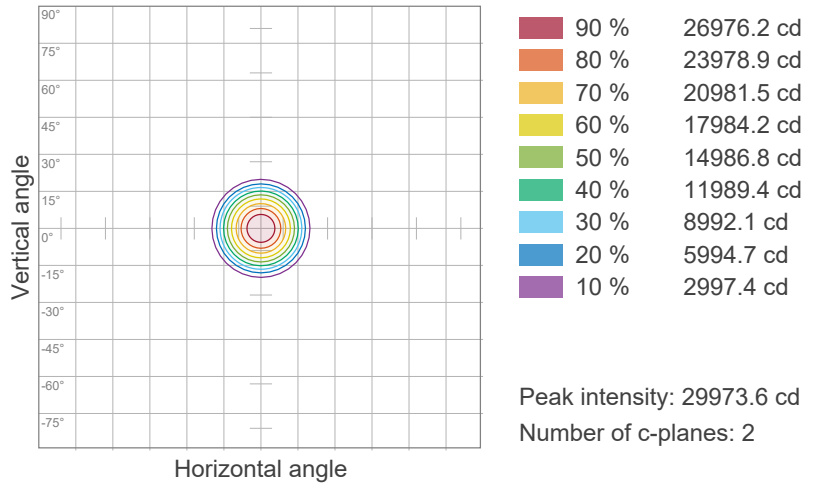
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 3200K

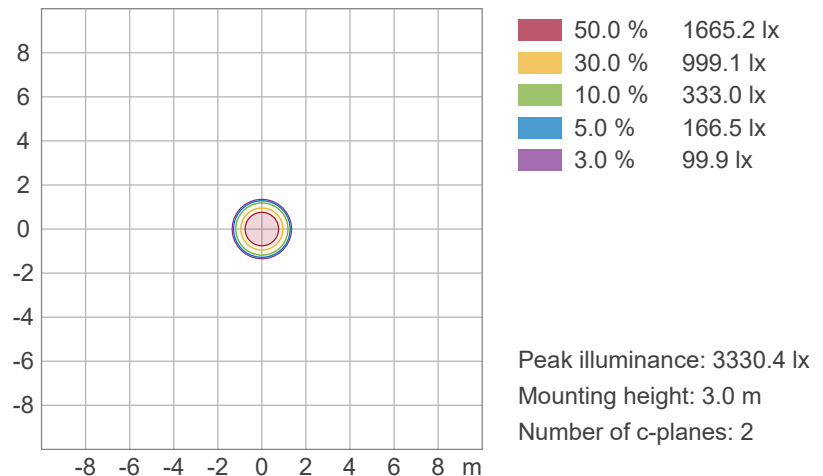


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

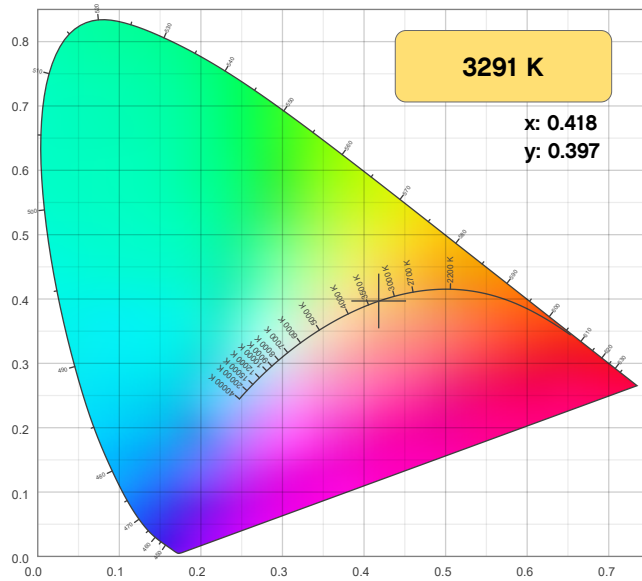


Photometric & Chromaticity Report

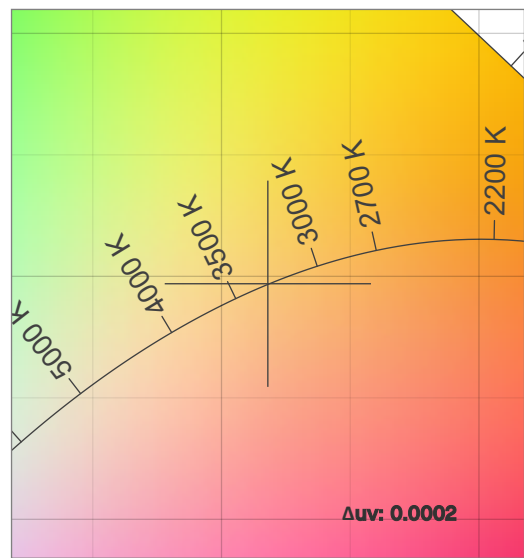
Ovation Rêve F-3 IP: 50% Zoom - 3200K

Chromaticity

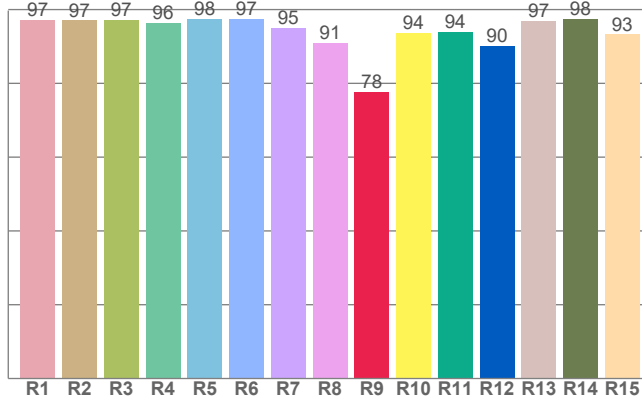
CIE 1931



CIE 1931 - Zoom



CRI: 96.1 (R1-R8)

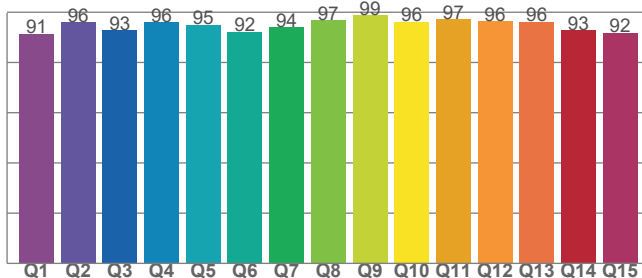


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3291 K	0.418	0.397

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0002	0.397	0.241

CQS: 94.4



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.1	77.8	94.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
87	93.6	101.9

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 3200K

TM-30 Details

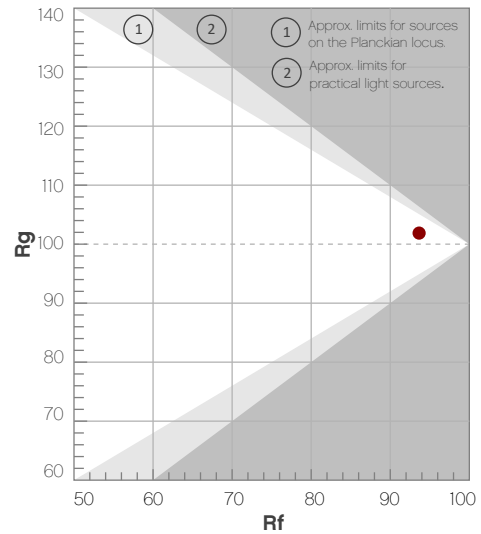
Rf 93.6

Fidelity Index
(Rg)

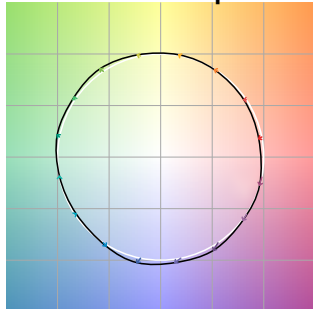
Rg 101.9

Gammut Index
(Rg)

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	94	-3%	-1%
2	96	-2%	1%
3	93	-1%	4%
4	96	1%	2%
5	95	2%	3%
6	93	4%	1%
7	95	2%	-2%
8	95	3%	-2%
9	97	0%	-1%
10	96	-1%	0%
11	93	1%	4%
12	90	5%	-2%
13	90	3%	-6%
14	90	4%	-8%
15	91	0%	-7%
16	89	-1%	-8%



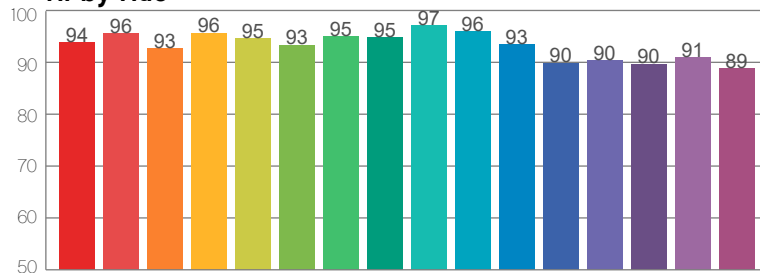
Color Vector Graphic



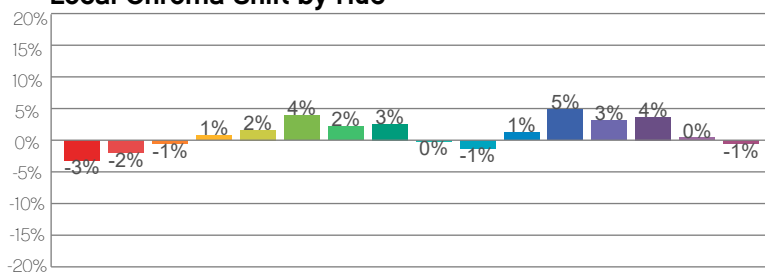
Color Distortion Graphic



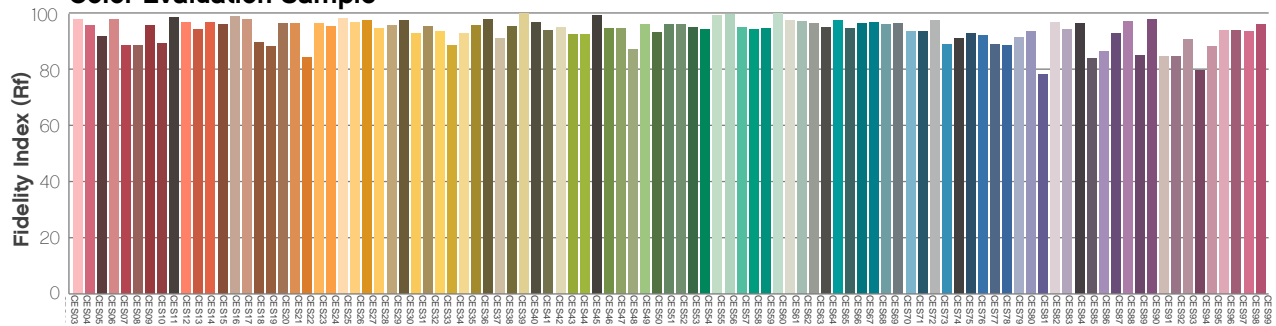
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 3200K

Report Summary

Measurements

Fixture Output: 9135 lm
Fixture Peak: 8326 cd
Fixture Efficacy: 24 lm/W
Intensity @ 5m: 331 lux
Color Temperature: 3235 K
CRI: 95.4 CRI R9 Value: 88.4
CQS: 95.3
TLCI: 90
TM-30 Rf: 95.0
TM-30 Rg: 103.1
Beam Angle (50%): 67.8°
Field Angle (10%): 89.9°
Cutoff Angle (3%): 99°

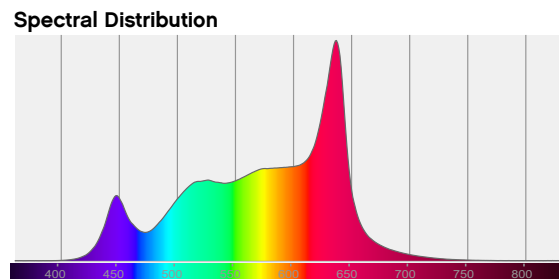
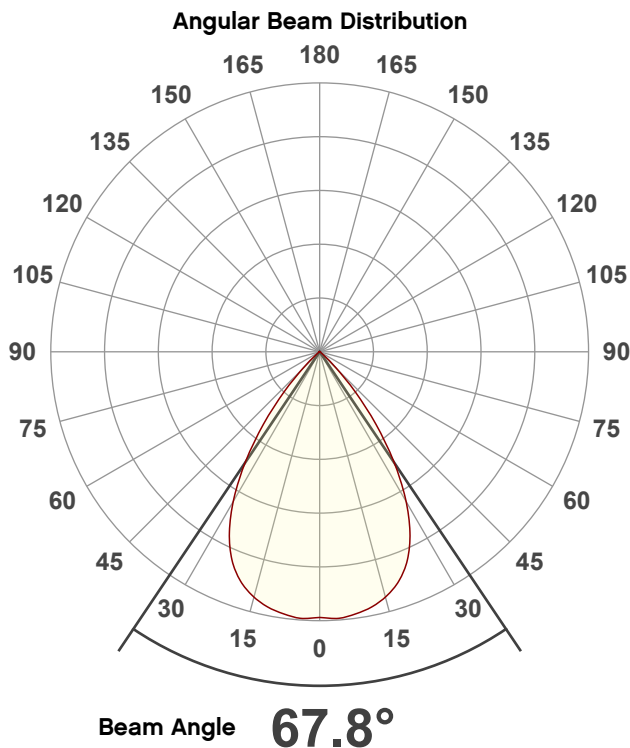


Conditions

AC Supply: 113 V, 60 Hz
Power: 378.72 W
Current: 3.34 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.423

Y: 0.401



Light Quality

CRI: 95.4

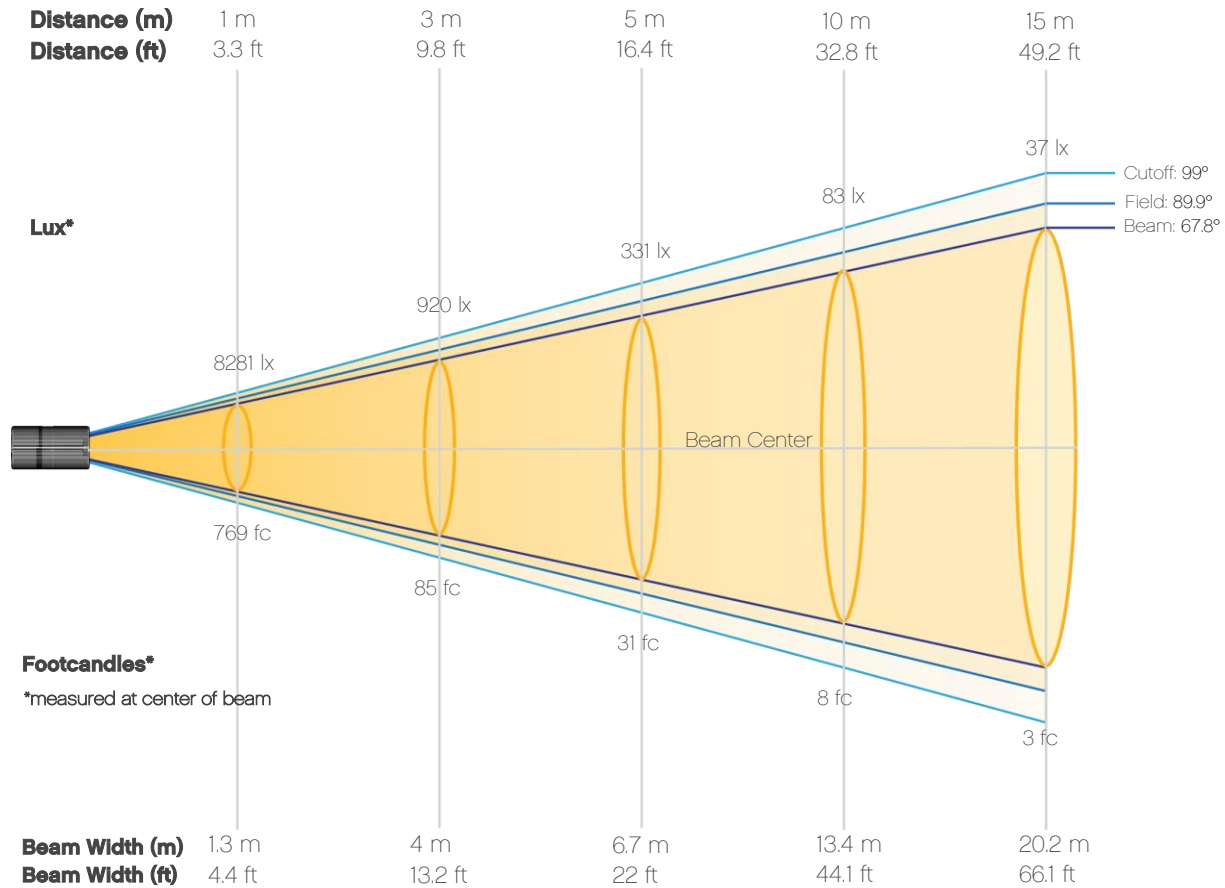
Color Temperature

3235 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 3200K

Beam Details

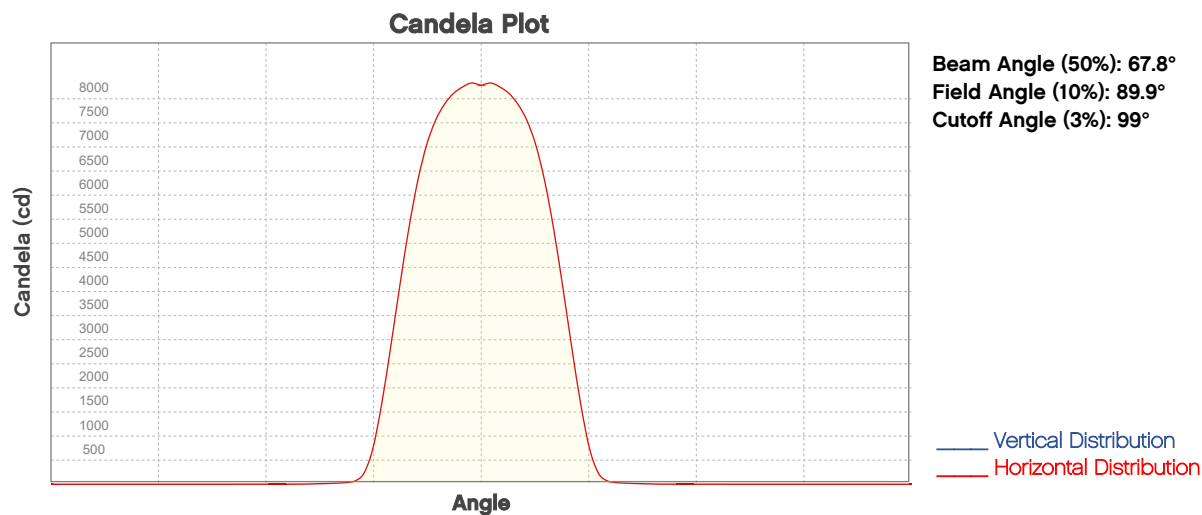


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8281	2070	920	518	331	230	169	129	102	83
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	68	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	769	192	85	48	31	21	16	12	9	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

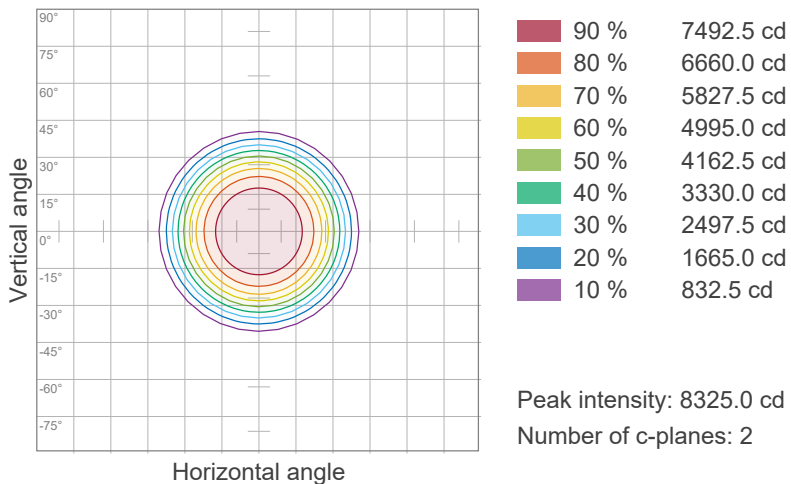
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 3200K

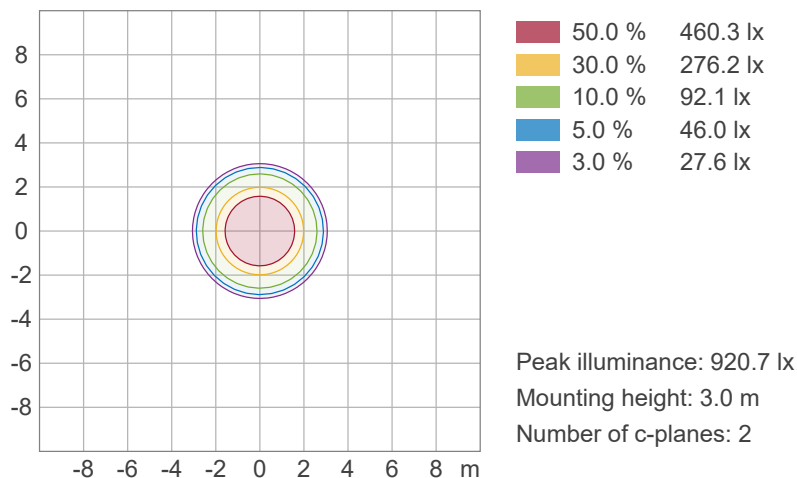


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

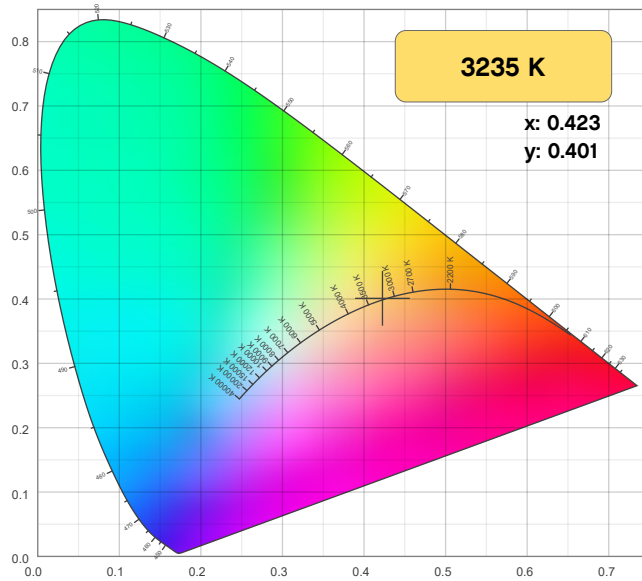


Photometric & Chromaticity Report

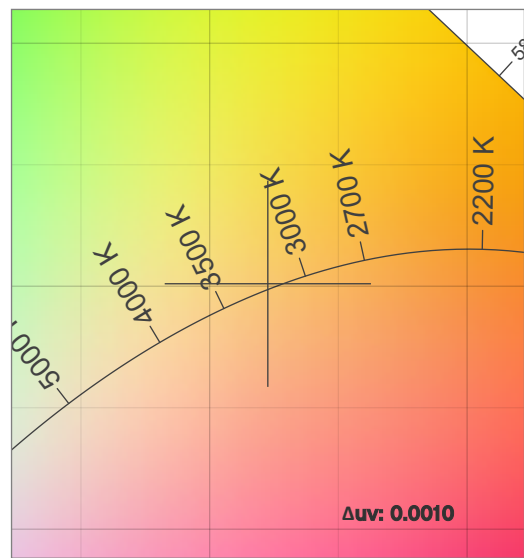
Ovation Rêve F-3 IP: Full Flood - 3200K

Chromaticity

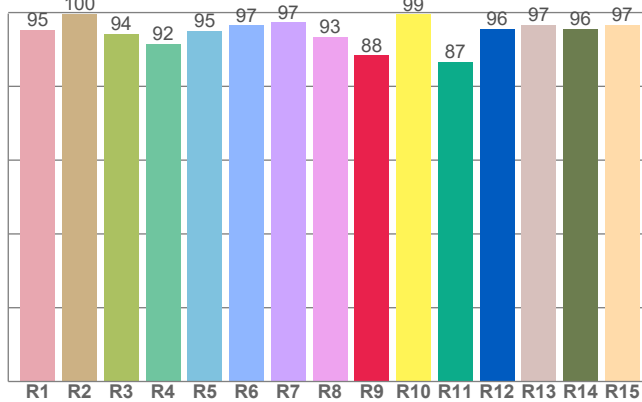
CIE 1931



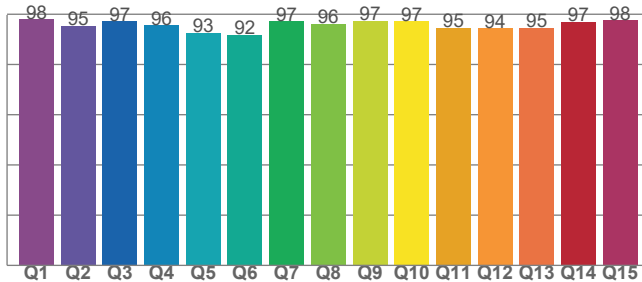
CIE 1931 - Zoom



CRI: 95.4 (R1-R8)



CQS: 95.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3235 K	0.423	0.401

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0010	0.401	0.243

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.4	88.4	95.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	95.0	103.1

Photometric & Chromaticity Report

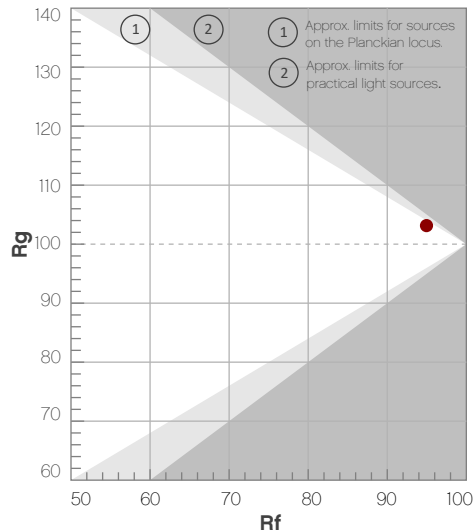
Ovation Rêve F-3 IP: Full Flood - 3200K

TM-30 Details

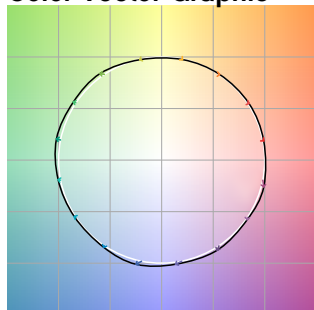
Rf 95.0
Fidelity Index
(Rg)

Rg 103.1
Gammut Index
(Rg)

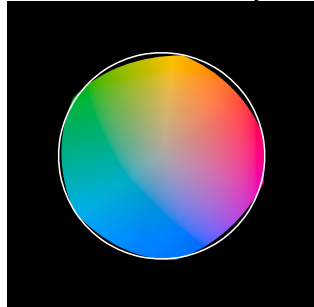
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	1%	-1%
2	96	1%	-1%
3	95	0%	-1%
4	98	0%	-1%
5	96	0%	2%
6	94	3%	3%
7	96	2%	1%
8	93	4%	0%
9	96	2%	-1%
10	96	1%	-2%
11	97	2%	0%
12	90	4%	-5%
13	91	2%	-7%
14	94	3%	-4%
15	94	1%	-2%
16	91	2%	-6%



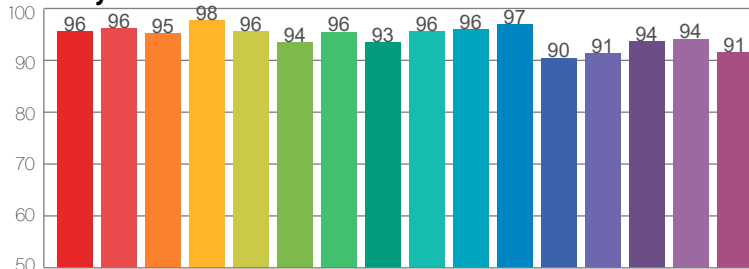
Color Vector Graphic



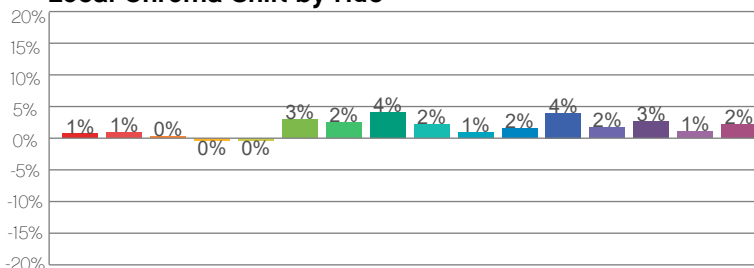
Color Distortion Graphic



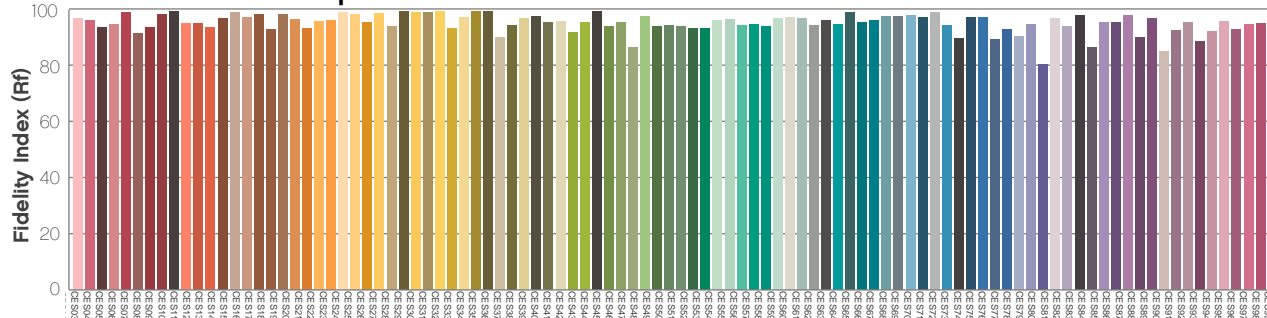
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 4000K

Report Summary

Measurements

Fixture Output: 4065 lm
Fixture Peak: 93325 cd
Fixture Efficacy: 9 lm/W
Intensity @ 5m: 3733 lux
Color Temperature: 4044 K
CRI: 95.9 CRI R9 Value: 96.6
CQS: 96.4
TLCI: 90
TM-30 Rf: 94.4
TM-30 Rg: 103.6
Beam Angle (50%): 10.7°
Field Angle (10%): 18.4°
Cutoff Angle (3%): 25.5°

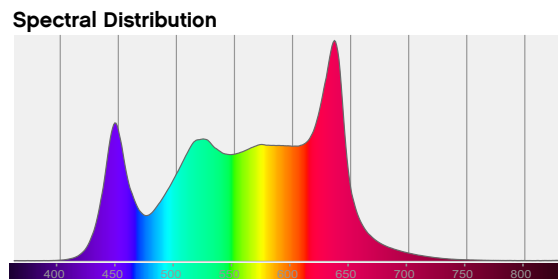
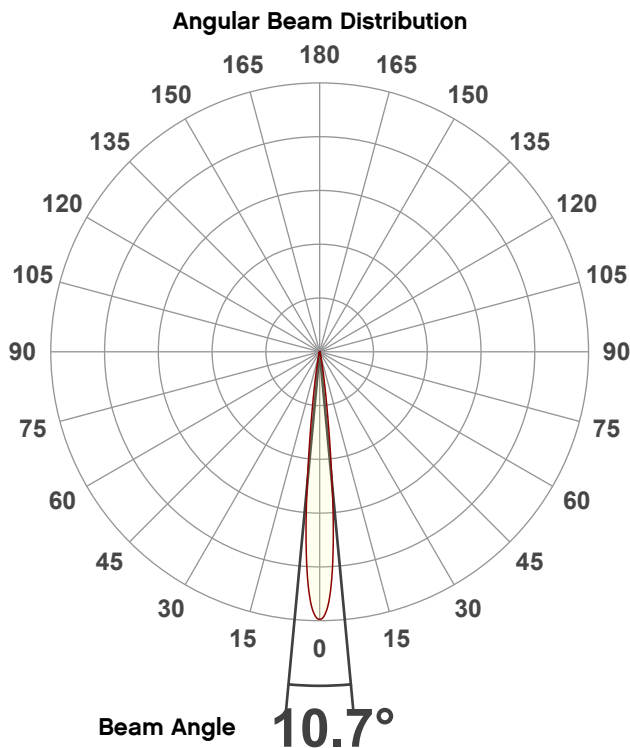


Conditions

AC Supply: 111 V, 60 Hz
Power: 457.22 W
Current: 4.11 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 - 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.379
Y: 0.378

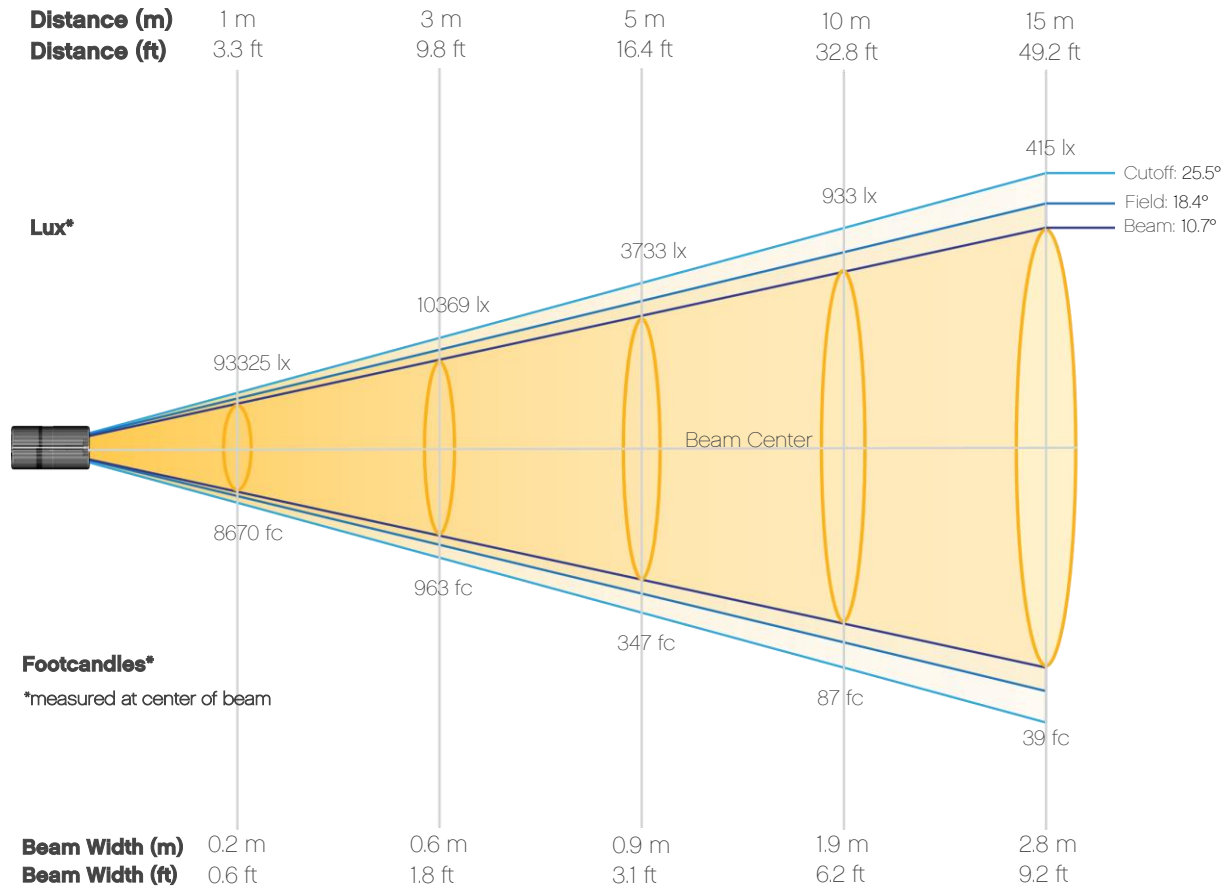
Light Quality
CRI: 95.9

Color Temperature
4044 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 4000K

Beam Details

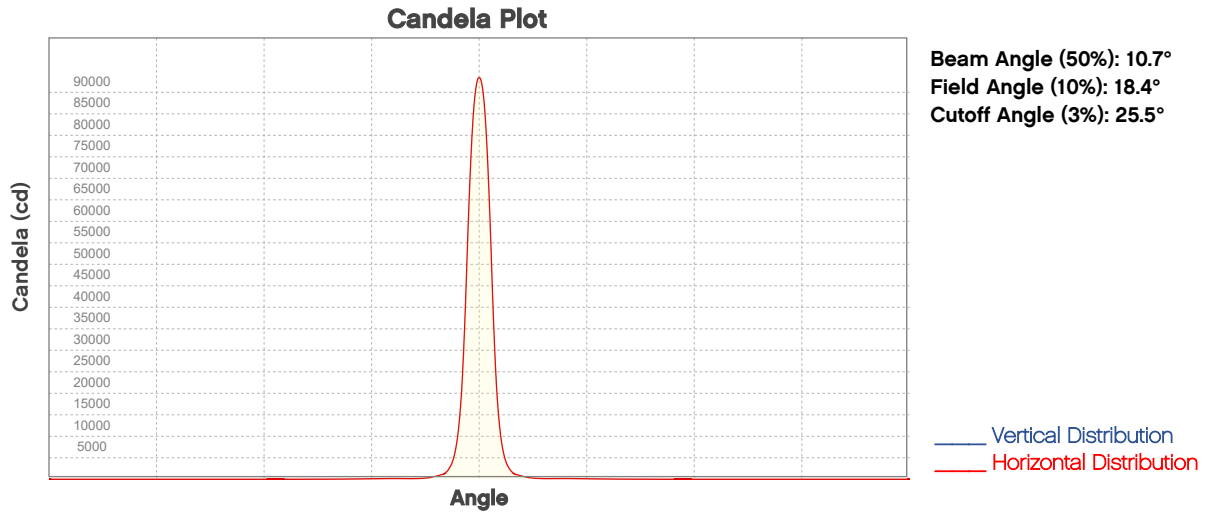


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	93325	23331	10369	5833	3733	2592	1905	1458	1152	933
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	771	648	552	476	415	365	323	288	259	233
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8670	2168	963	542	347	241	177	135	107	87
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	72	60	51	44	39	34	30	27	24	22

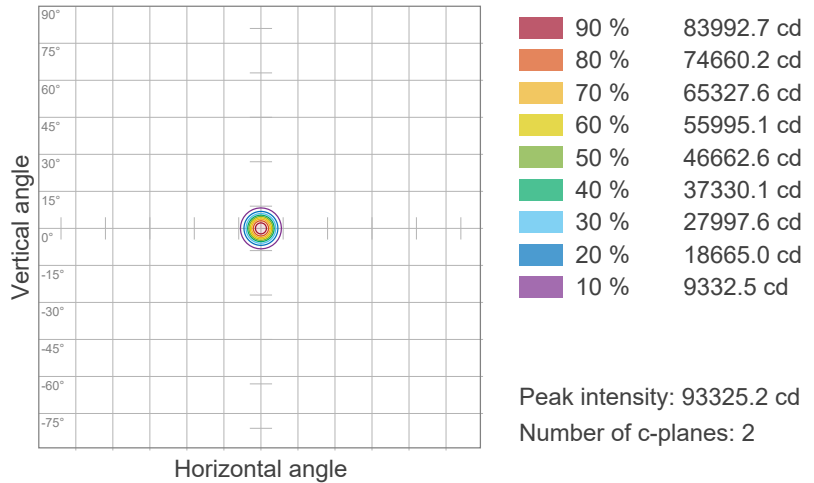
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 4000K

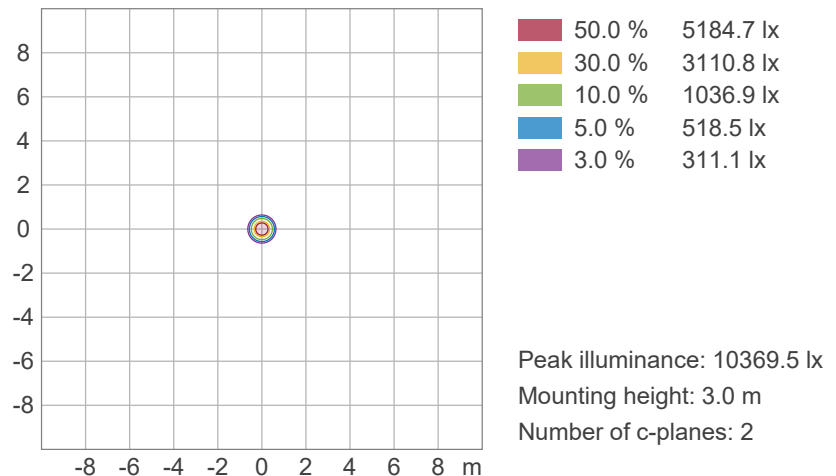


ISO Diagrams

ISO Candela Diagram



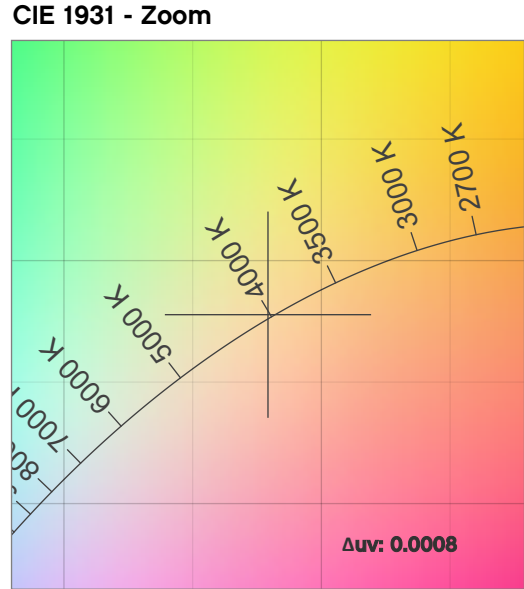
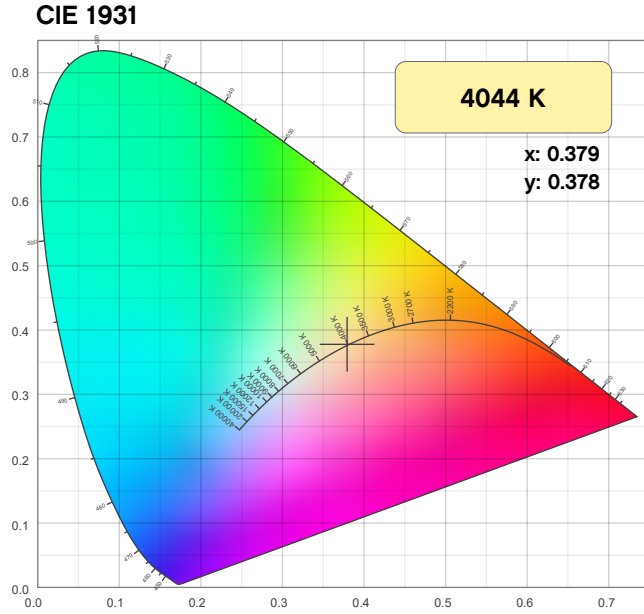
ISO Lux Diagram



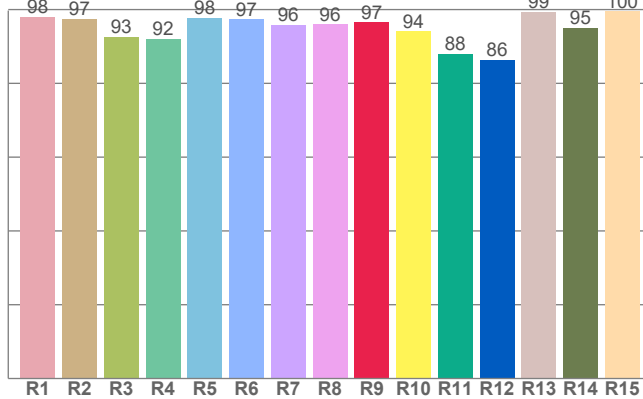
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 4000K

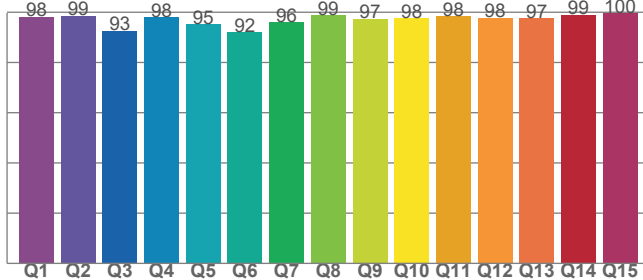
Chromaticity



CRI: 95.9 (R1-R8)



CQS: 96.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4044 K	0.379	0.378

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0008	0.378	0.224

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.9	96.6	96.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	94.4	103.6

Photometric & Chromaticity Report

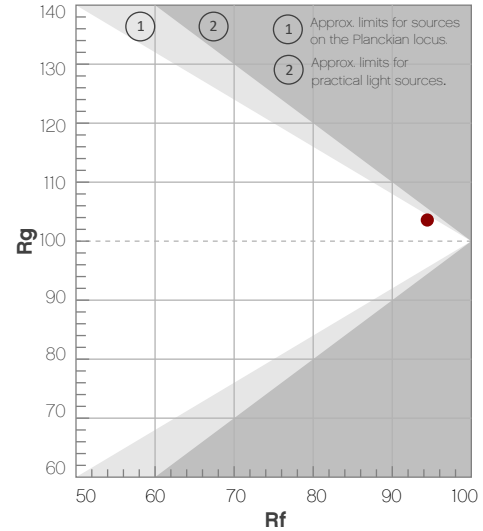
Ovation Rêve F-3 IP: Full Spot - 4000K

TM-30 Details

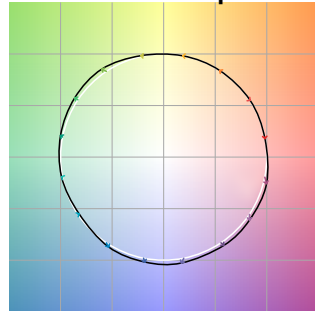
Rf 94.4
Fidelity Index
(Rg)

Rg 103.6
Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	98	0%	-1%
3	96	0%	2%
4	97	0%	1%
5	94	1%	2%
6	93	4%	3%
7	94	4%	0%
8	95	2%	-1%
9	96	1%	-1%
10	97	-1%	0%
11	92	2%	4%
12	91	3%	2%
13	93	4%	-3%
14	95	4%	1%
15	92	3%	-4%
16	90	3%	-6%



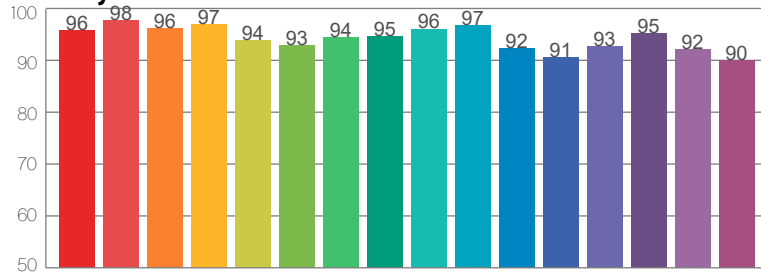
Color Vector Graphic



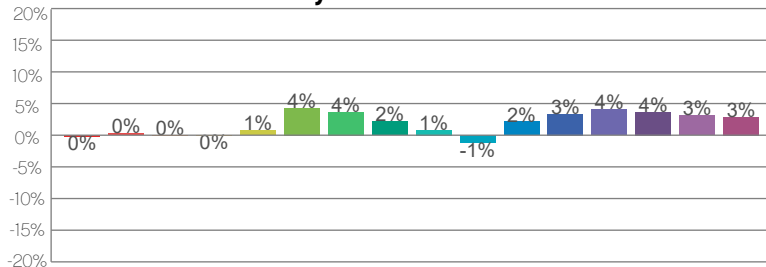
Color Distortion Graphic



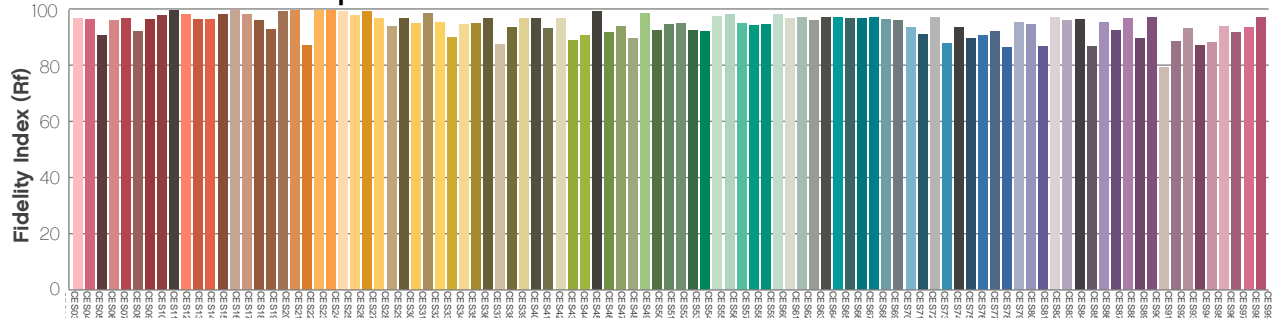
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 4000K

Report Summary

Measurements

Fixture Output: 8278 lm
Fixture Peak: 34034 cd
Fixture Efficacy: 19 lm/W
Intensity @ 5m: 1361 lux
Color Temperature: 4197 K
CRI: 83.6 CRI R9 Value: 6.4
CQS: 85.6
TLCI: 74
TM-30 Rf: 87.8
TM-30 Rg: 92.6
Beam Angle (50%): 30.2°
Field Angle (10%): 44.1°
Cutoff Angle (3%): 50.4°

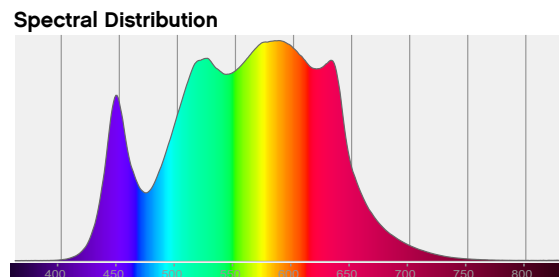
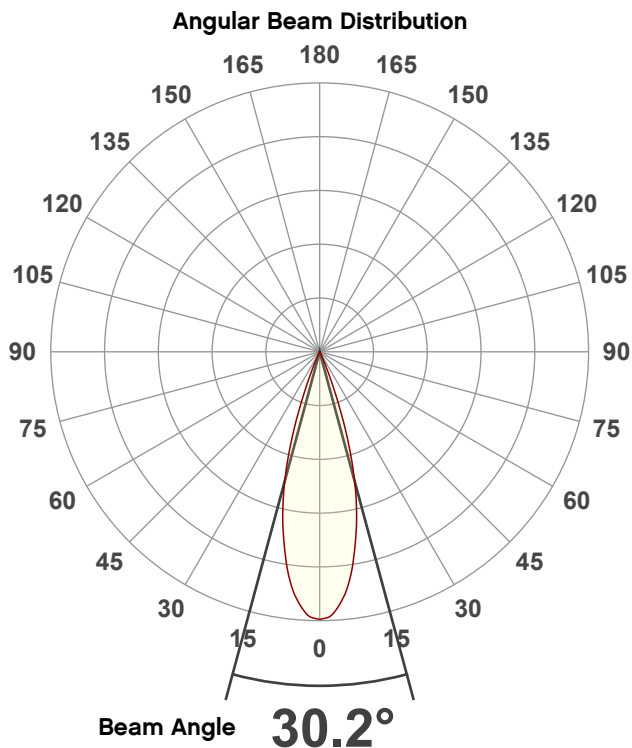


Conditions

AC Supply: 113 V, 60 Hz
Power: 432.59 W
Current: 3.84 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.382

Y: 0.413



Light Quality

CRI: 83.6

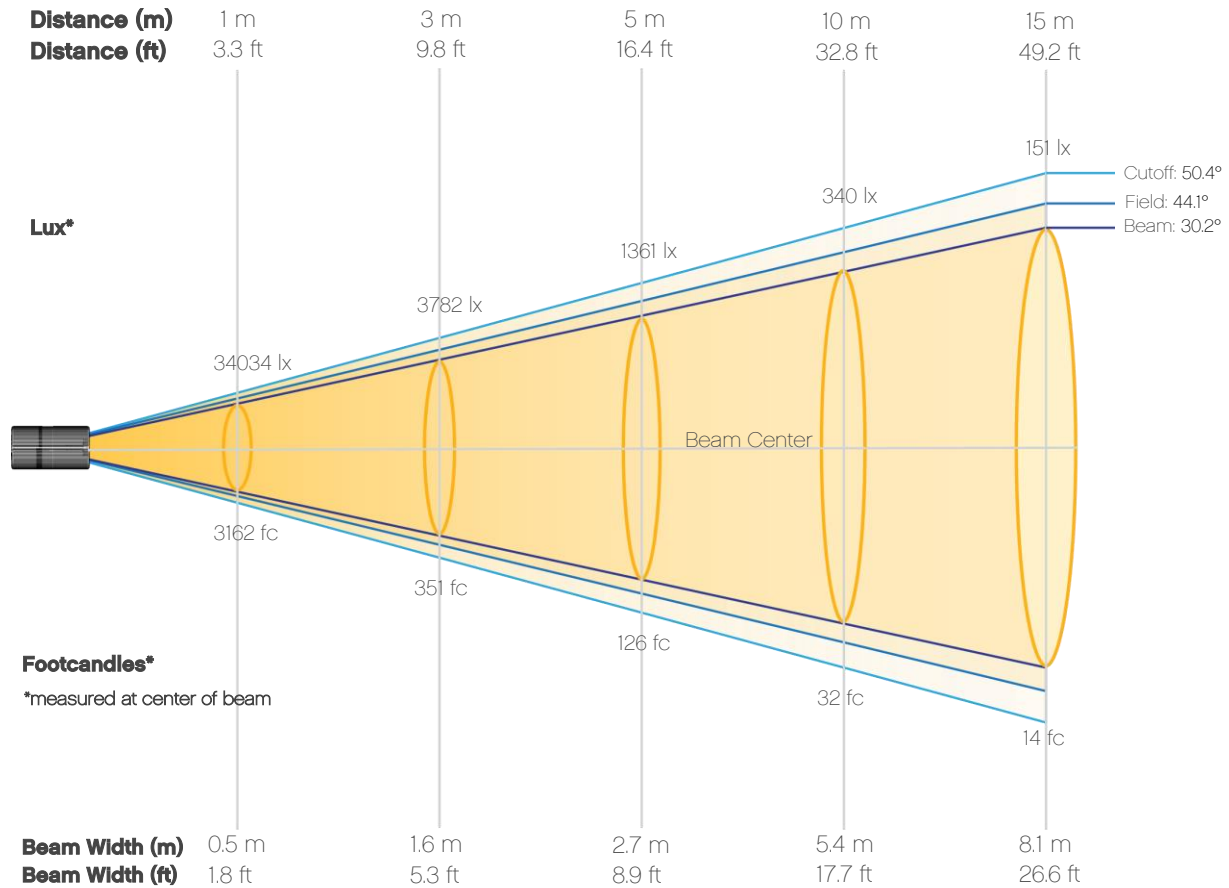
Color Temperature

4197 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 4000K

Beam Details

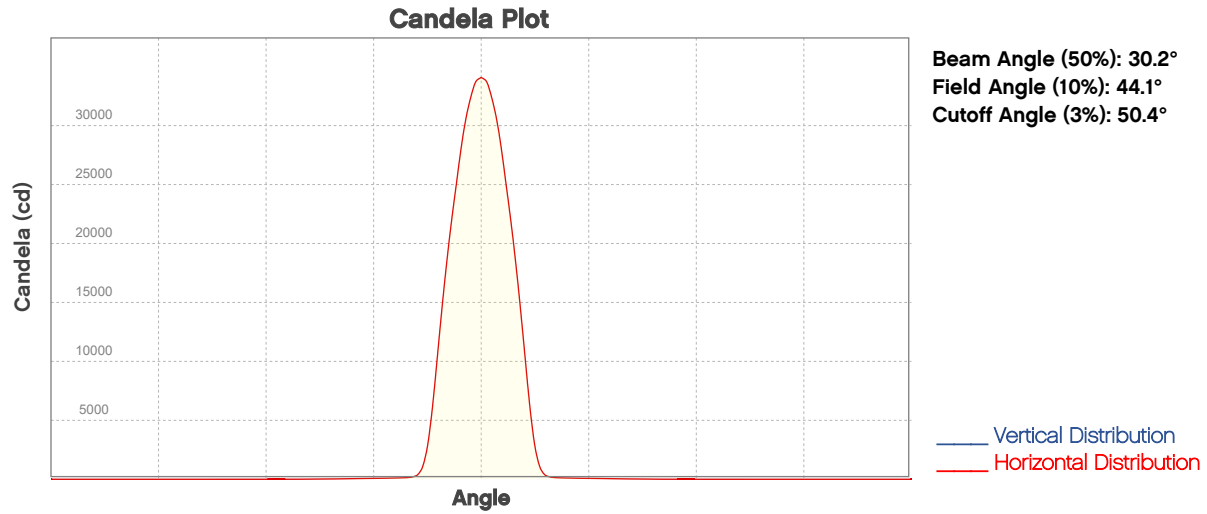


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34034	8509	3782	2127	1361	945	695	532	420	340
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	281	236	201	174	151	133	118	105	94	85
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3162	790	351	198	126	88	65	49	39	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

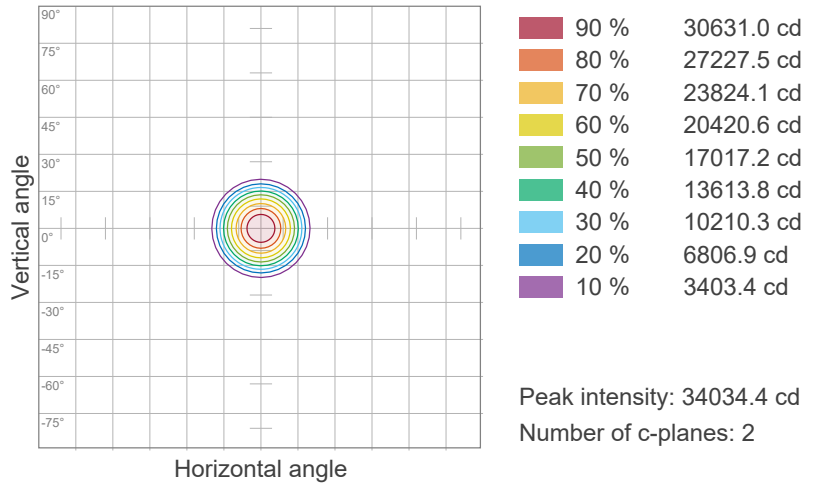
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 4000K

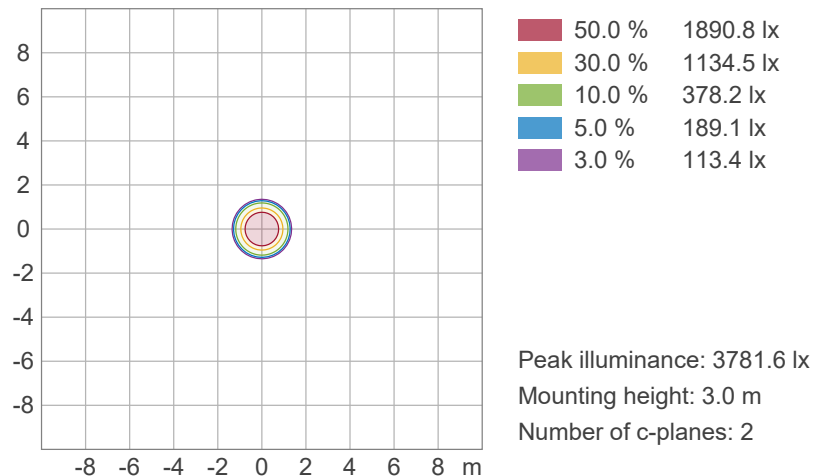


ISO Diagrams

ISO Candela Diagram



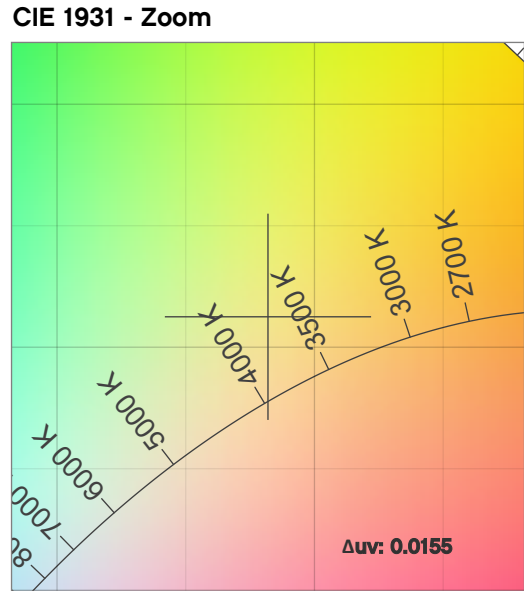
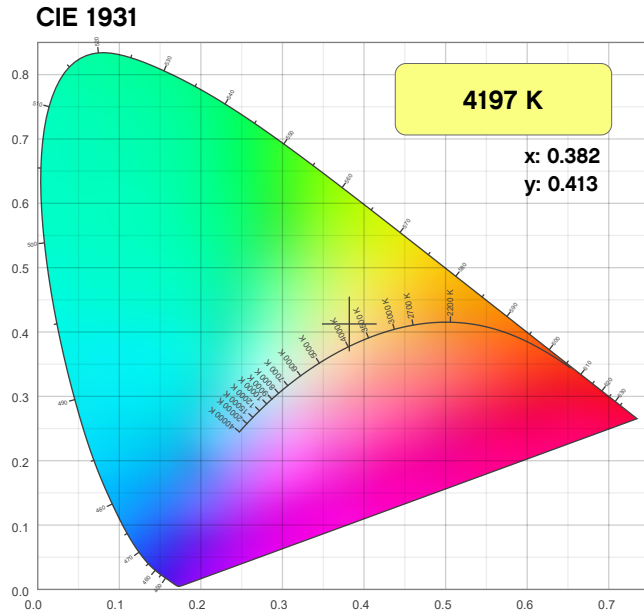
ISO Lux Diagram



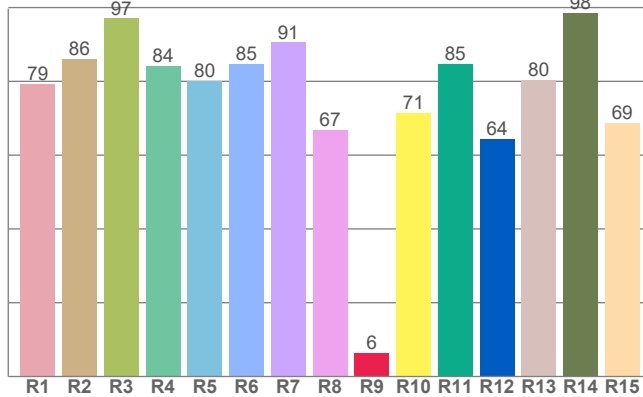
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 4000K

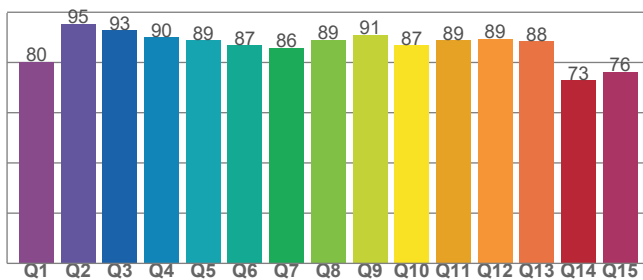
Chromaticity



CRI: 83.6 (R1-R8)



CQS: 85.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4197 K	0.382	0.413

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0155	0.413	0.213

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
83.6	6.4	85.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
74	87.8	92.6

Photometric & Chromaticity Report

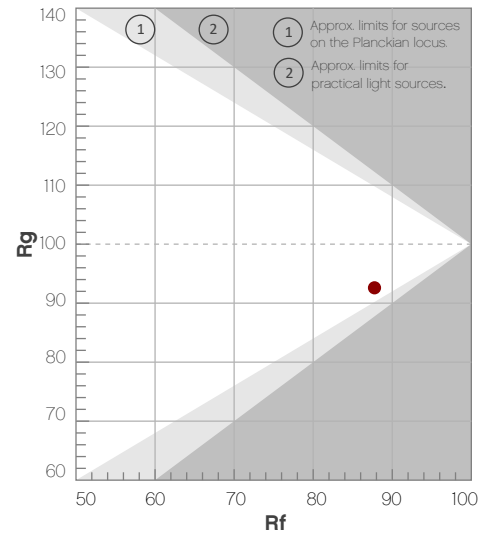
Ovation Rêve F-3 IP: 50% Zoom - 4000K

TM-30 Details

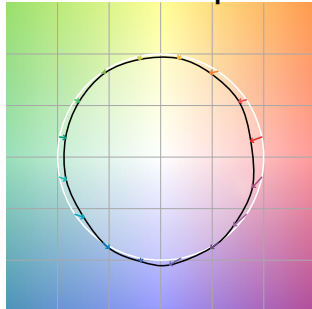
Rf 87.8
Fidelity Index
(Rg)

Rg 92.6
Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	81	-11%	-2%
2	87	-7%	3%
3	86	-6%	5%
4	94	-3%	2%
5	94	-3%	2%
6	95	-2%	0%
7	93	-4%	-1%
8	90	-6%	0%
9	90	-6%	4%
10	86	-6%	7%
11	88	1%	7%
12	91	3%	1%
13	86	4%	-12%
14	85	0%	-9%
15	78	-4%	-16%
16	79	-7%	-11%



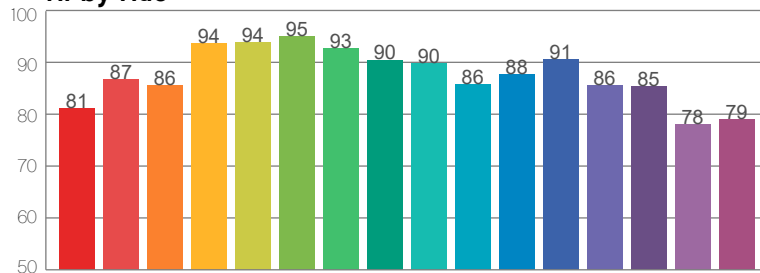
Color Vector Graphic



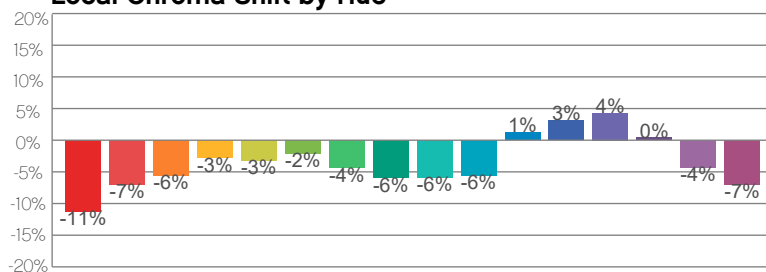
Color Distortion Graphic



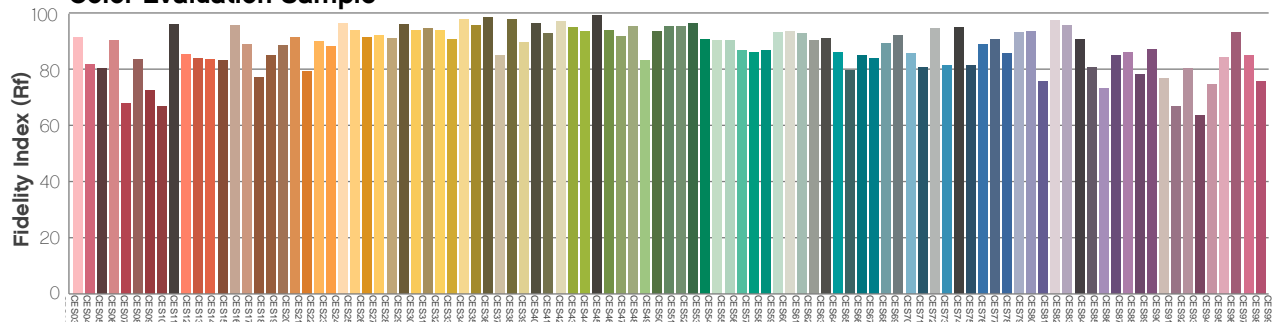
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 4000K

Report Summary

Measurements

Fixture Output: 10494 lm
Fixture Peak: 9564 cd
Fixture Efficacy: 23 lm/W
Intensity @ 5m: 382 lux
Color Temperature: 4078 K
CRI: 95.7 CRI R9 Value: 94.0
CQS: 96.4
TLCI: 91
TM-30 Rf: 94.6
TM-30 Rg: 103.4
Beam Angle (50%): 67.7°
Field Angle (10%): 90.1°
Cutoff Angle (3%): 99°

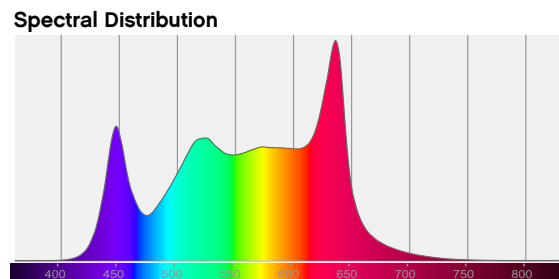
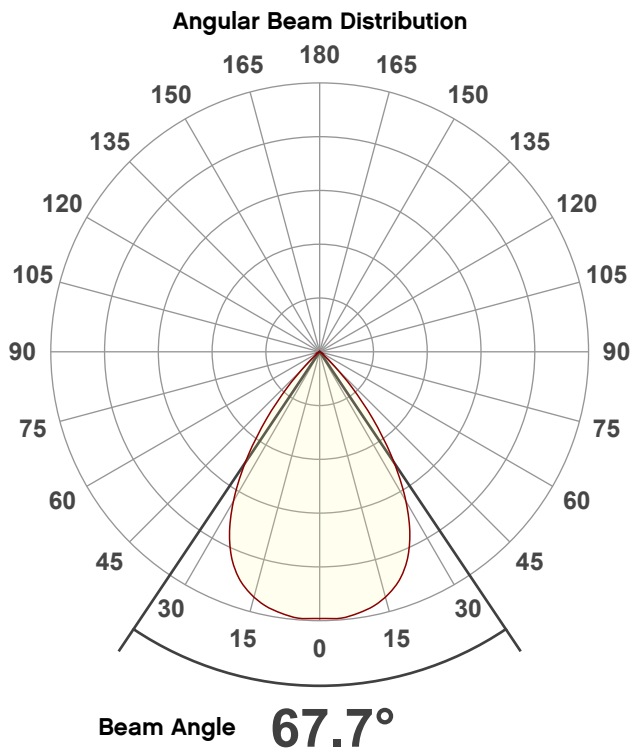


Conditions

AC Supply: 111 V, 60 Hz
Power: 465.9 W
Current: 4.19 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

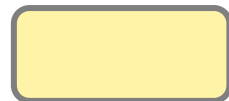
Overall Measurement



Tested Color (CIE 1931):

X: 0.378

Y: 0.379



Light Quality

CRI: 95.7

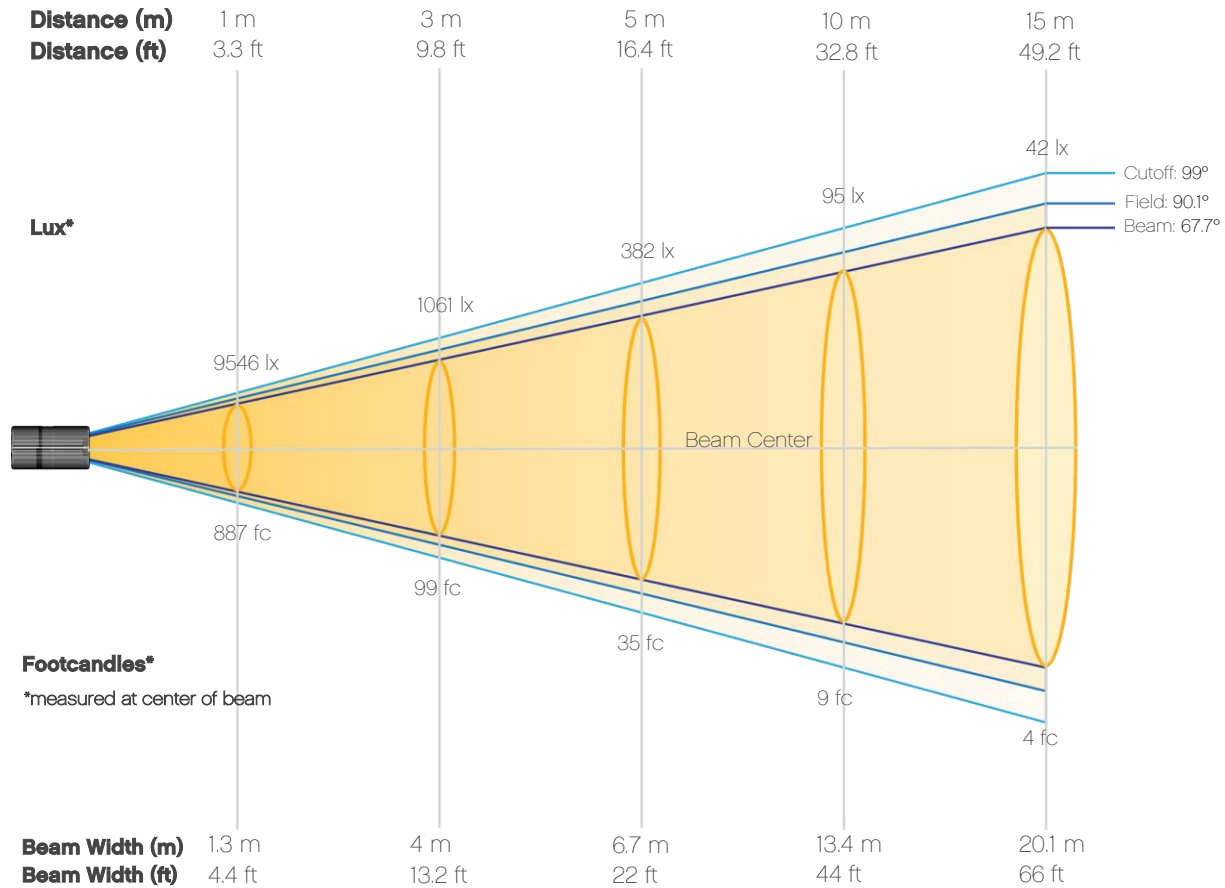
Color Temperature

4078 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 4000K

Beam Details

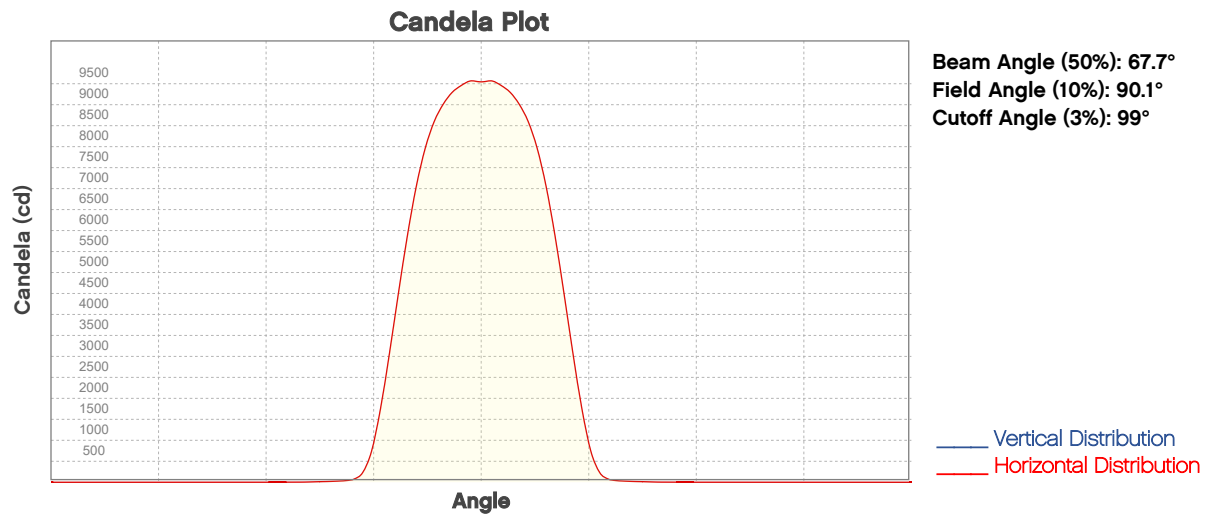


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9546	2387	1061	597	382	265	195	149	118	95
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	79	66	56	49	42	37	33	29	26	24
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	887	222	99	55	35	25	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	5	4	3	3	3	2	2

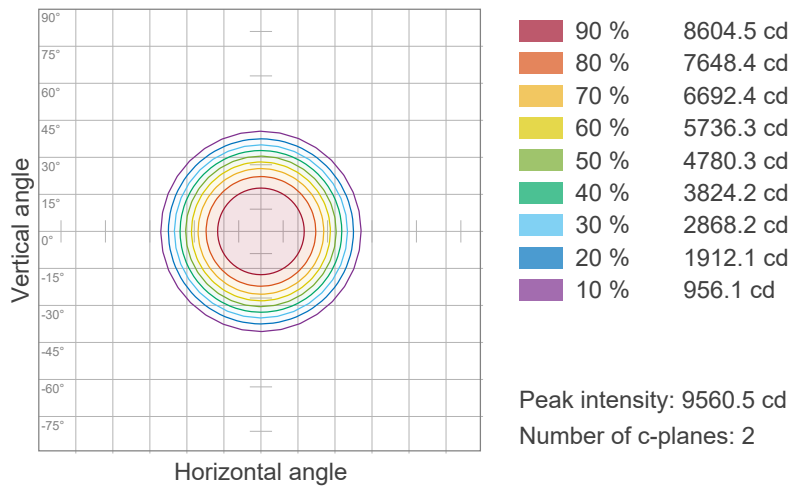
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 4000K

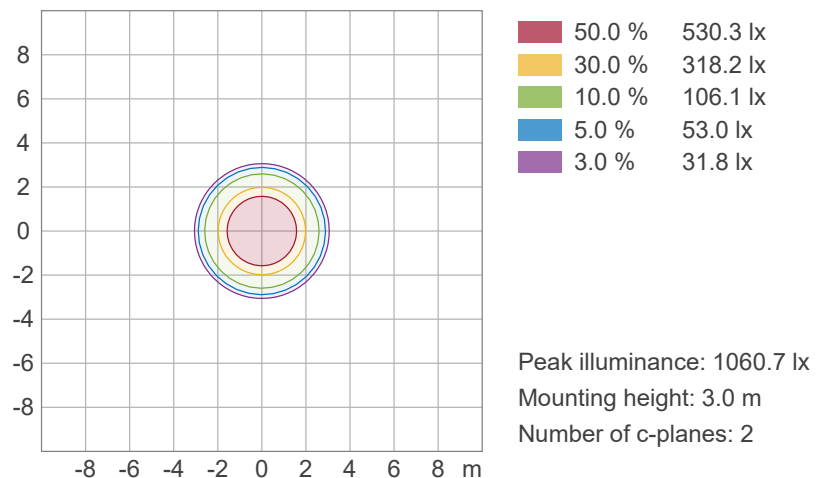


ISO Diagrams

ISO Candela Diagram



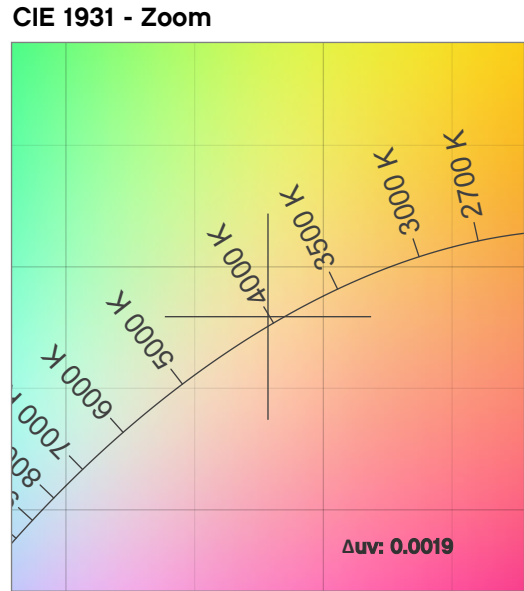
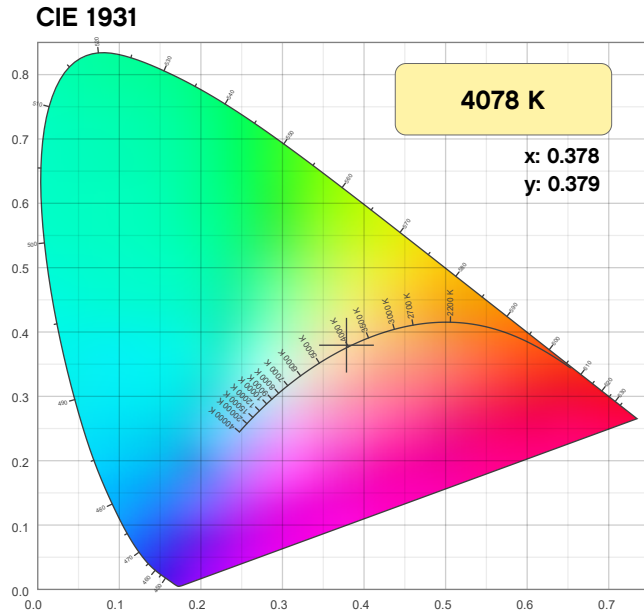
ISO Lux Diagram



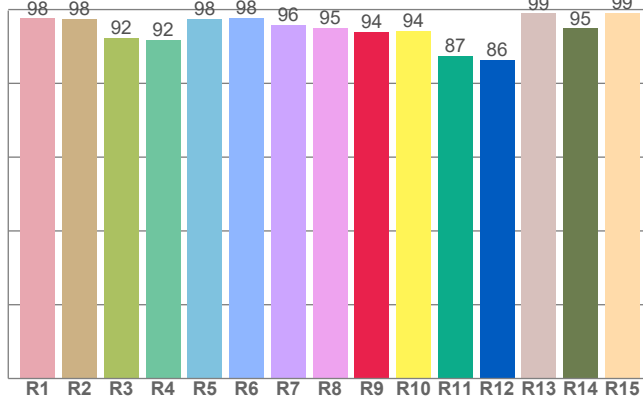
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 4000K

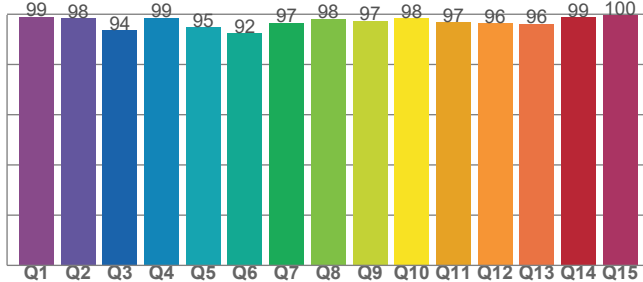
Chromaticity



CRI: 95.7 (R1-R8)



CQS: 96.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4078 K	0.378	0.379

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.379	0.223

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.7	94.0	96.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
91	94.6	103.4

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 4000K

TM-30 Details

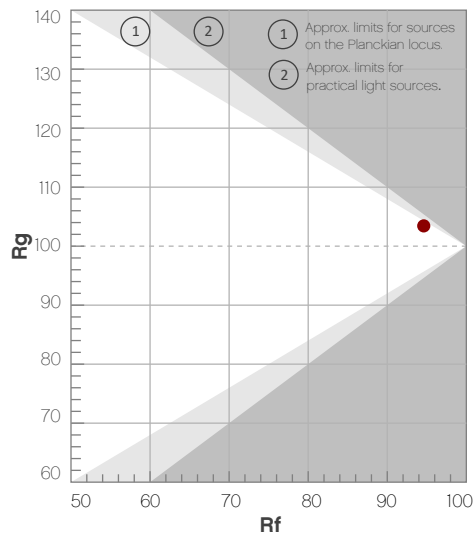
Rf 94.6

Fidelity Index
(Rg)

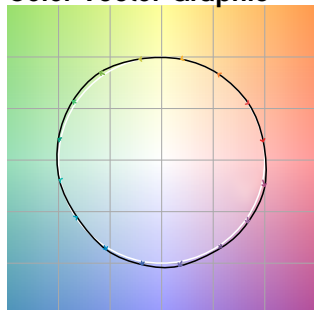
Rg 103.4

Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	96	0%	-2%
2	97	1%	-1%
3	96	0%	1%
4	97	0%	0%
5	94	0%	2%
6	93	4%	3%
7	94	4%	0%
8	95	2%	-1%
9	96	1%	-1%
10	97	-1%	0%
11	93	2%	4%
12	92	3%	2%
13	93	4%	-3%
14	95	3%	1%
15	92	3%	-4%
16	90	3%	-5%



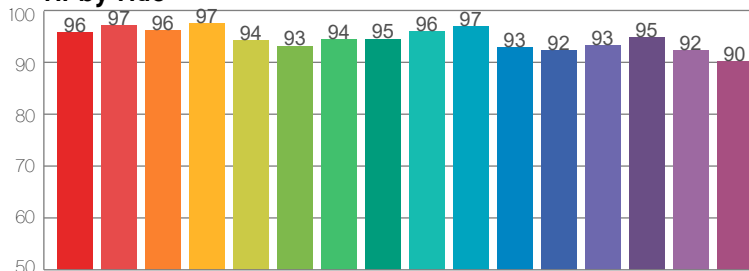
Color Vector Graphic



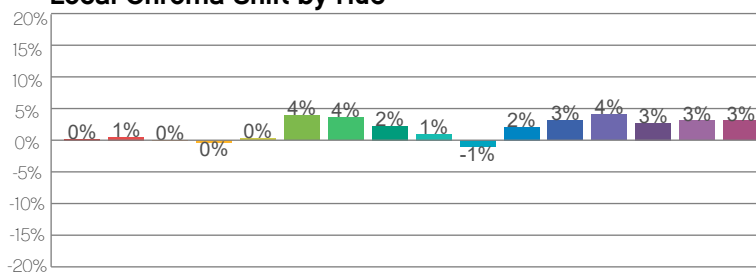
Color Distortion Graphic



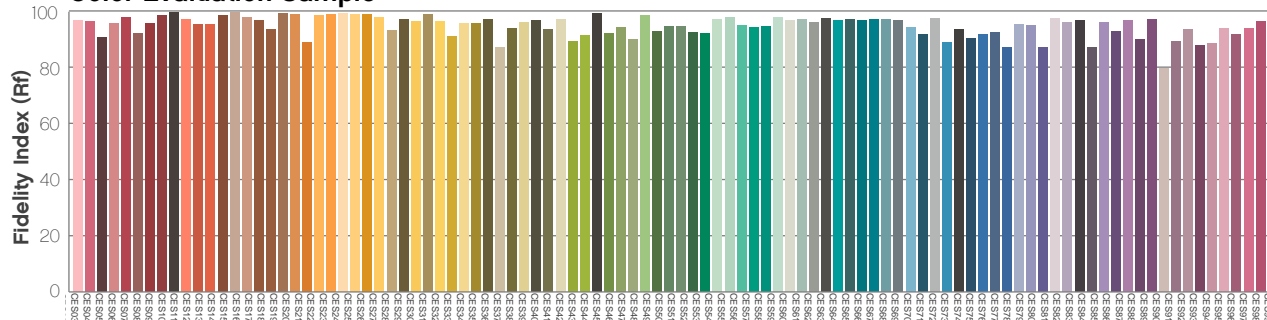
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 5600K

Report Summary

Measurements

Fixture Output: 4708 lm
Fixture Peak: 107656 cd
Fixture Efficacy: 9 lm/W
Intensity @ 5m: 4306 lux
Color Temperature: 5591 K
CRI: 93.9 CRI R9 Value: 96.4
CQS: 94.2
TLCI: 93
TM-30 Rf: 92.3
TM-30 Rg: 104.7
Beam Angle (50%): 10.7°
Field Angle (10%): 18.4°
Cutoff Angle (3%): 25.4°

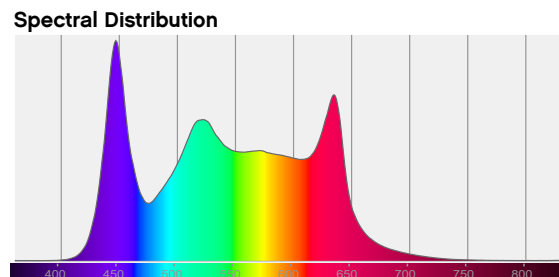
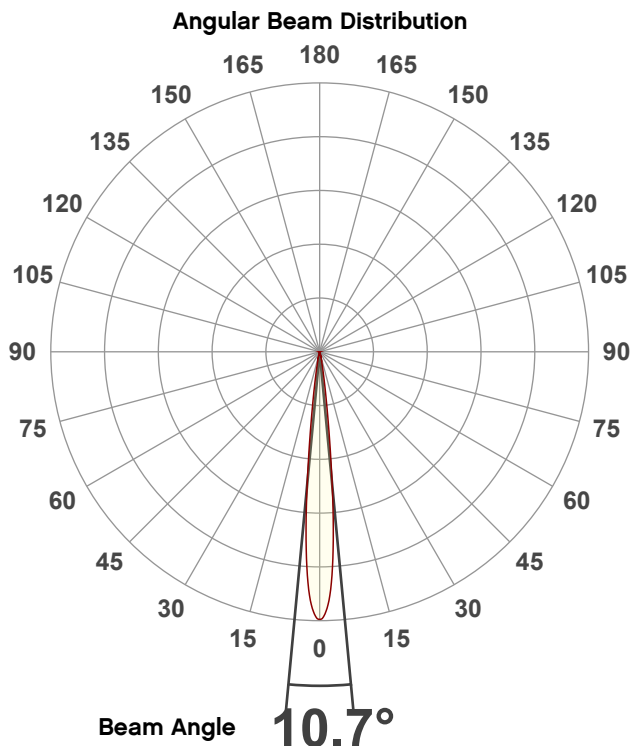


Conditions

AC Supply: 110 V, 60 Hz
Power: 523.95 W
Current: 4.74 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 - 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

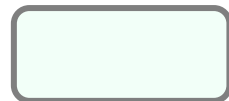
Overall Measurement



Tested Color (CIE 1931):

X: 0.331

Y: 0.342



Light Quality

CRI: 93.9

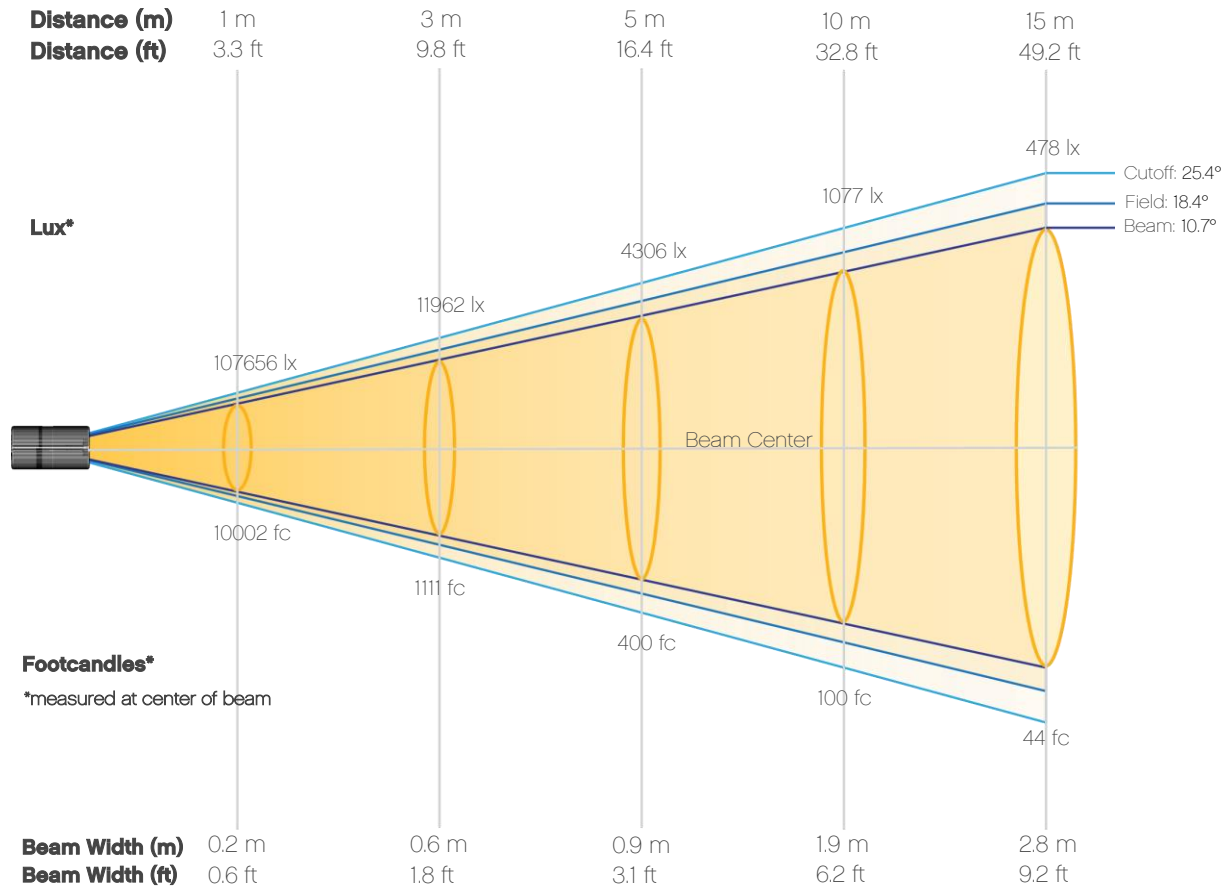
Color Temperature

5591 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 5600K

Beam Details

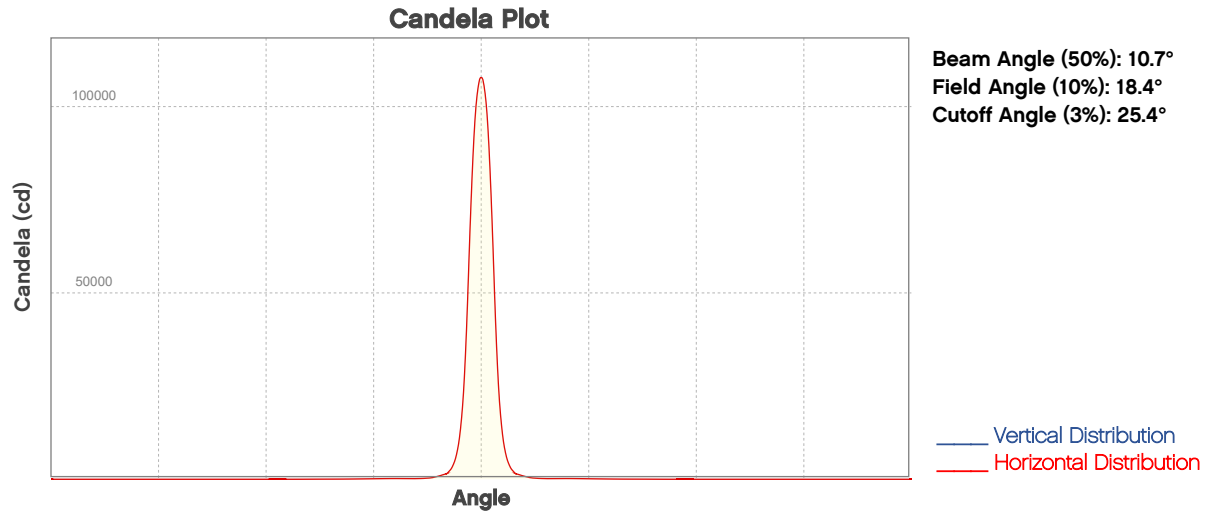


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	107656	26914	11962	6728	4306	2990	2197	1682	1329	1077
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	890	748	637	549	478	421	373	332	298	269
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10002	2500	1111	625	400	278	204	156	123	100
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	83	69	59	51	44	39	35	31	28	25

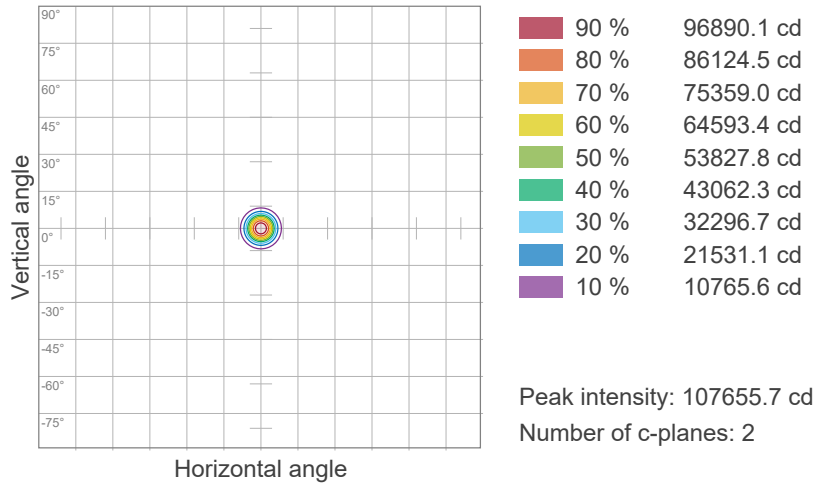
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Spot - 5600K

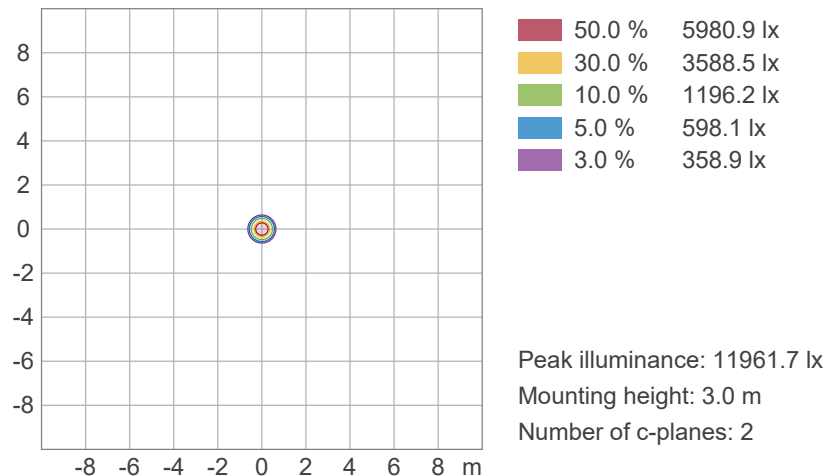


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

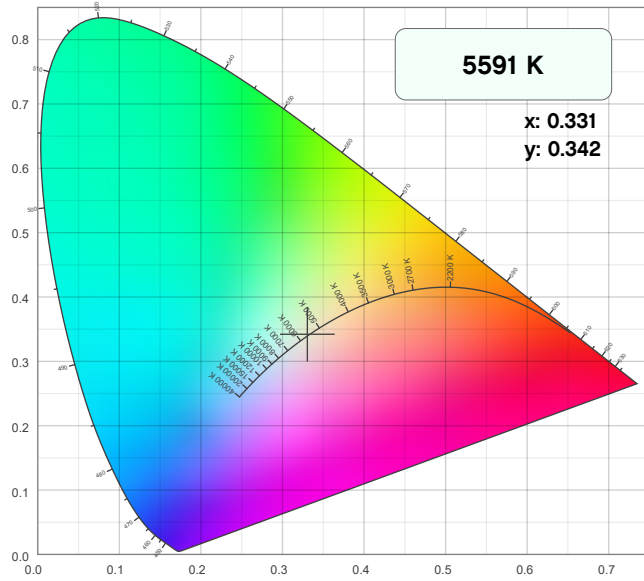


Photometric & Chromaticity Report

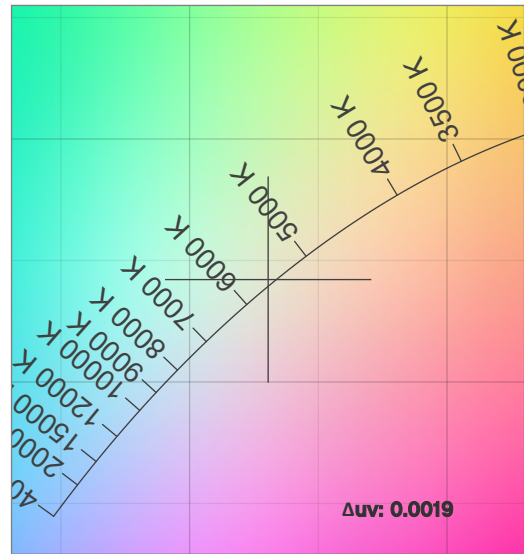
Ovation Rêve F-3 IP: Full Spot - 5600K

Chromaticity

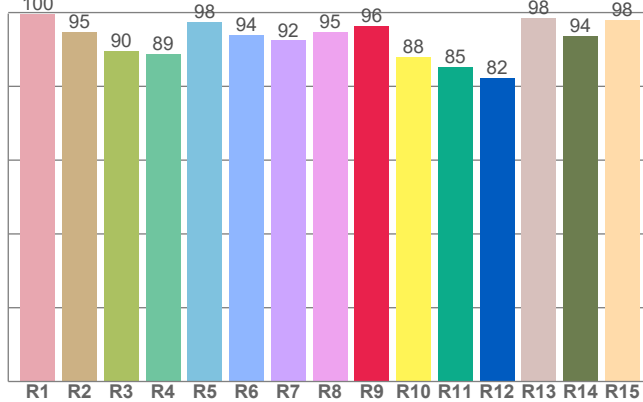
CIE 1931



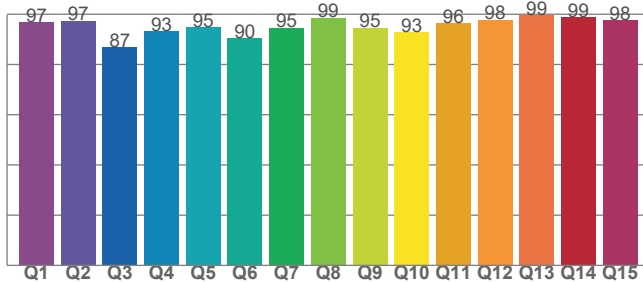
CIE 1931 - Zoom



CRI: 93.9 (R1-R8)



CQS: 94.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5591 K	0.331	0.342

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.342	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.9	96.4	94.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	92.3	104.7

Photometric & Chromaticity Report

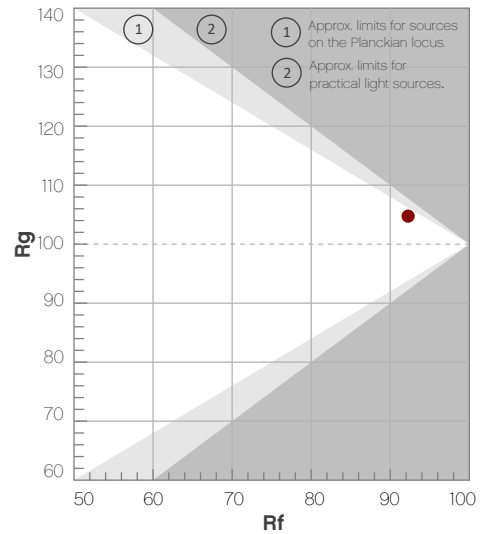
Ovation Rêve F-3 IP: Full Spot - 5600K

TM-30 Details

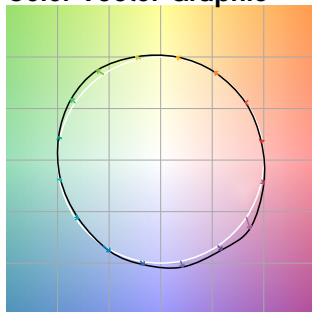
Rf 92.3
Fidelity Index
(Rg)

Rg 104.7
Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	-2%
2	98	-1%	0%
3	93	0%	4%
4	93	1%	4%
5	91	3%	4%
6	90	7%	3%
7	92	5%	-1%
8	94	1%	-3%
9	96	-1%	-1%
10	94	-2%	2%
11	86	1%	8%
12	92	3%	4%
13	93	6%	1%
14	90	5%	1%
15	88	9%	-7%
16	94	3%	-3%



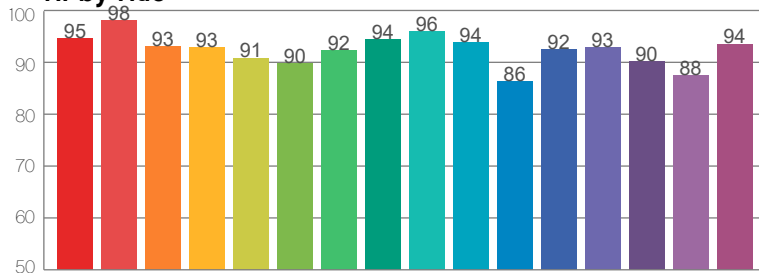
Color Vector Graphic



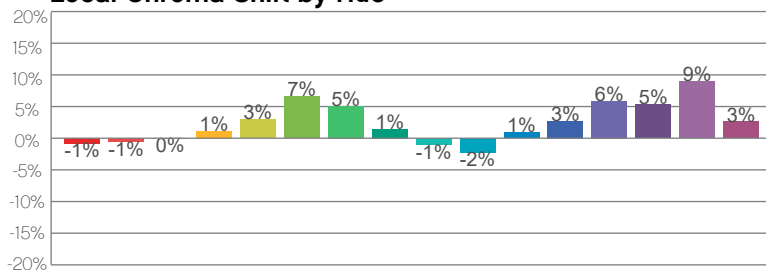
Color Distortion Graphic



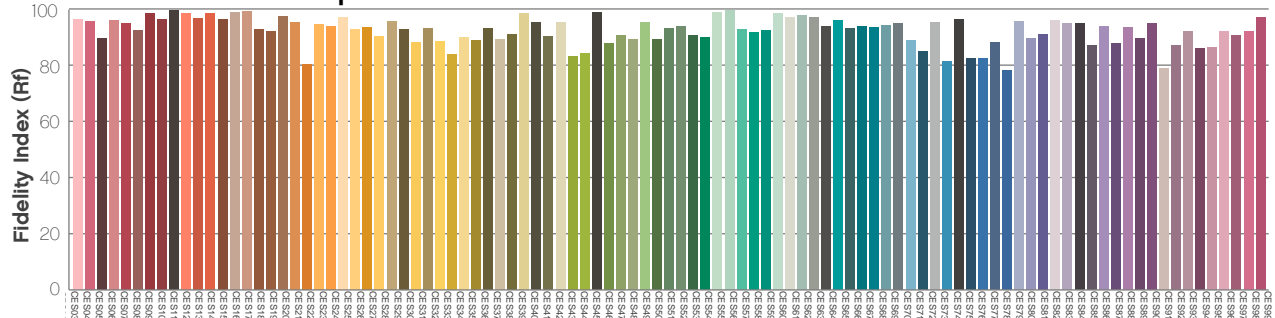
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 5600K

Report Summary

Measurements

Fixture Output: 8270 lm
Fixture Peak: 33781 cd
Fixture Efficacy: 16 lm/W
Intensity @ 5m: 1351 lux
Color Temperature: 5675 K
CRI: 80.9 CRI R9 Value: -19.5
CQS: 82.7
TLCI: 68
TM-30 Rf: 85.2
TM-30 Rg: 93.8
Beam Angle (50%): 30.3°
Field Angle (10%): 44.3°
Cutoff Angle (3%): 50.1°

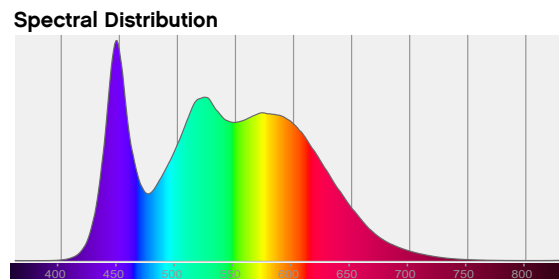
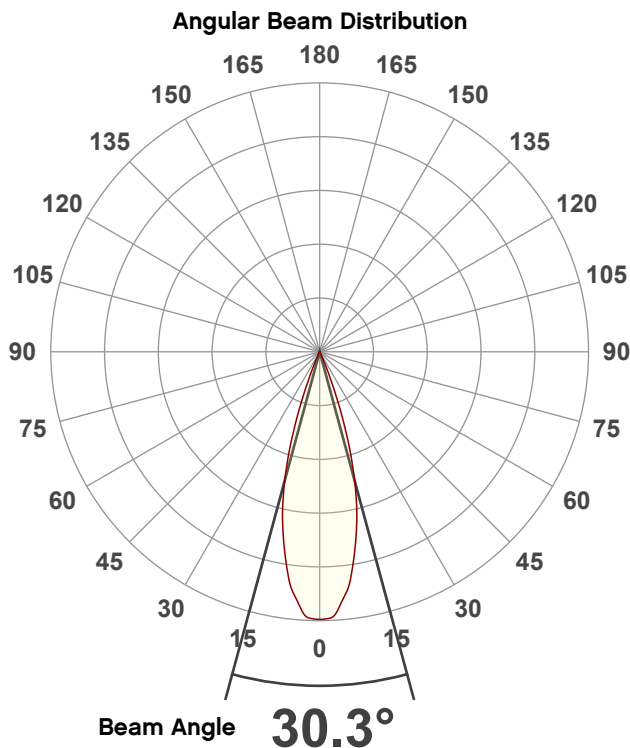


Conditions

AC Supply: 111 V, 60 Hz
Power: 503.6 W
Current: 4.53 A
Power Factor: 1.0

This data sheet conforms to American National Standard E19 - 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

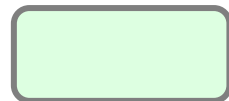
Overall Measurement



Tested Color (CIE 1931):

X: 0.328

Y: 0.366



Light Quality

CRI: 80.9

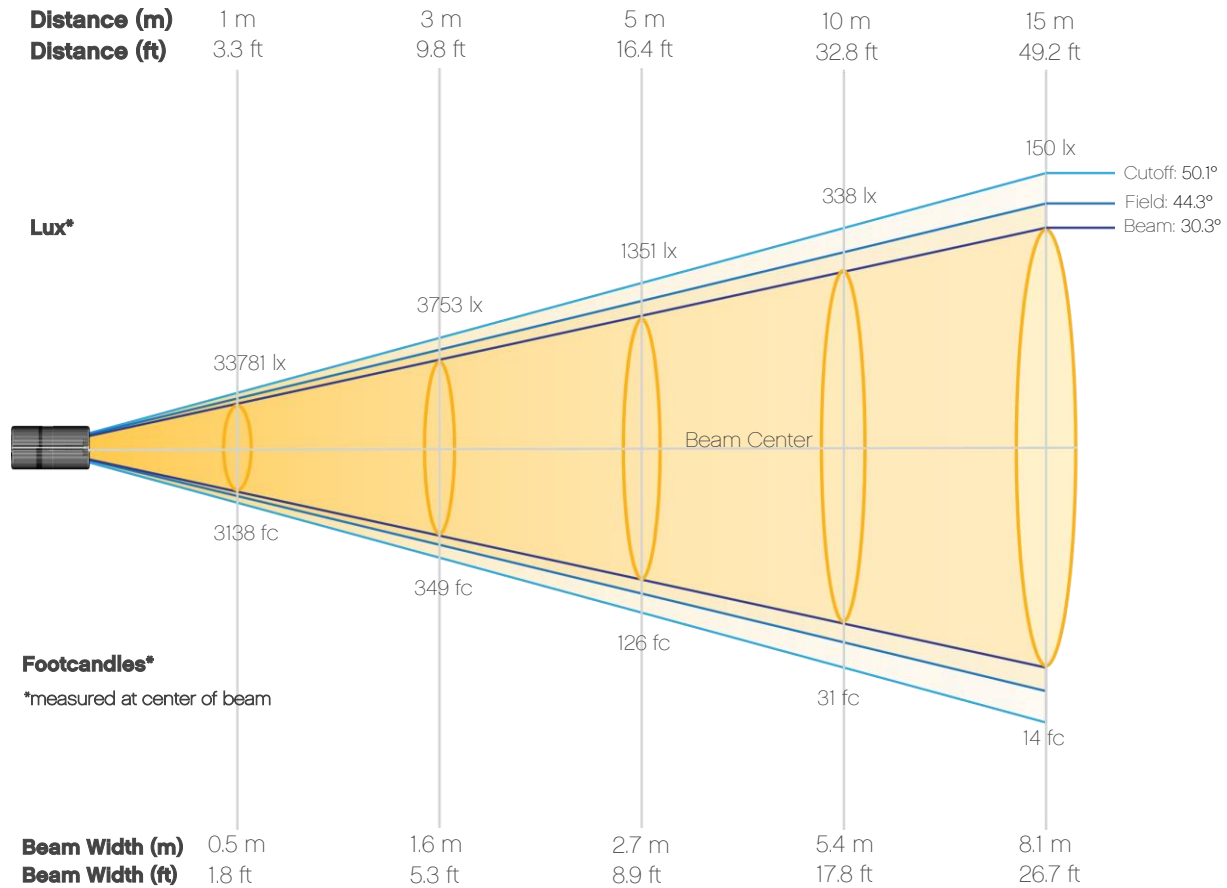
Color Temperature

5675 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 5600K

Beam Details

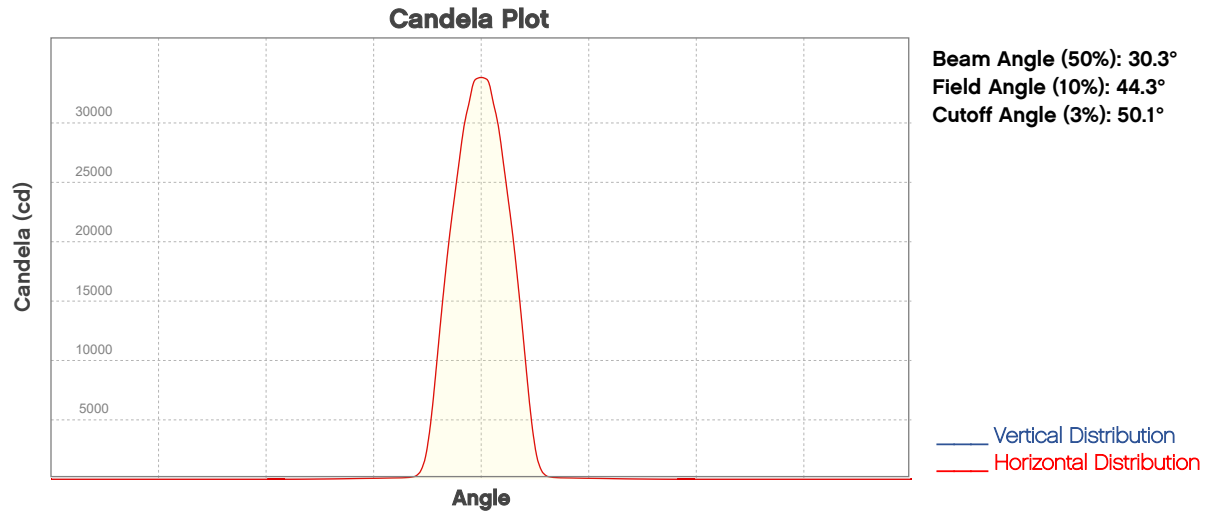


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33781	8445	3753	2111	1351	938	689	528	417	338
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	279	235	200	172	150	132	117	104	94	84
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3138	785	349	196	126	87	64	49	39	31
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

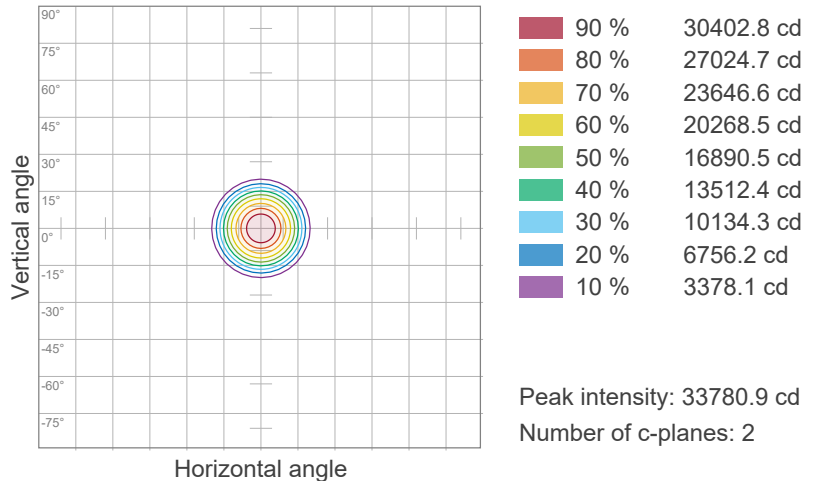
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 5600K

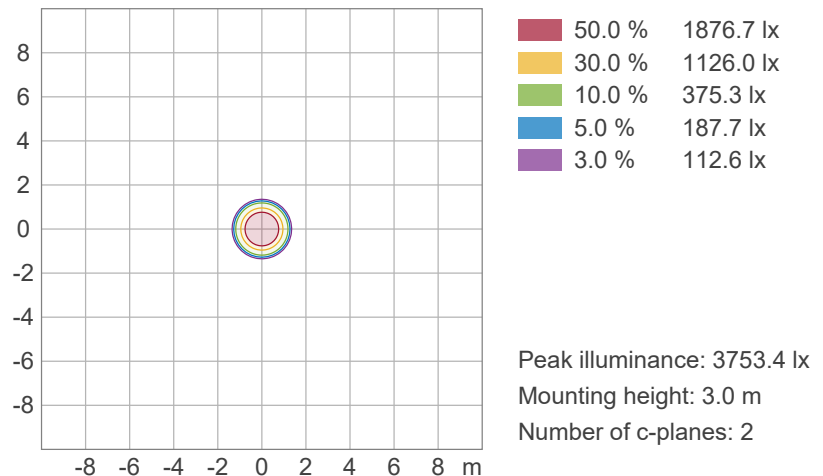


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

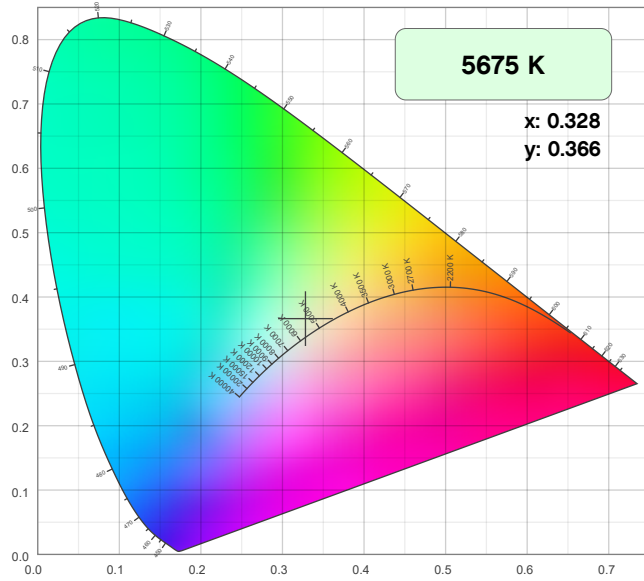


Photometric & Chromaticity Report

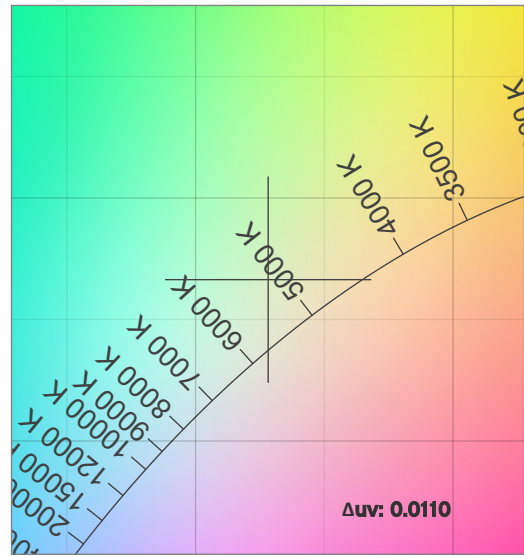
Ovation Rêve F-3 IP: 50% Zoom - 5600K

Chromaticity

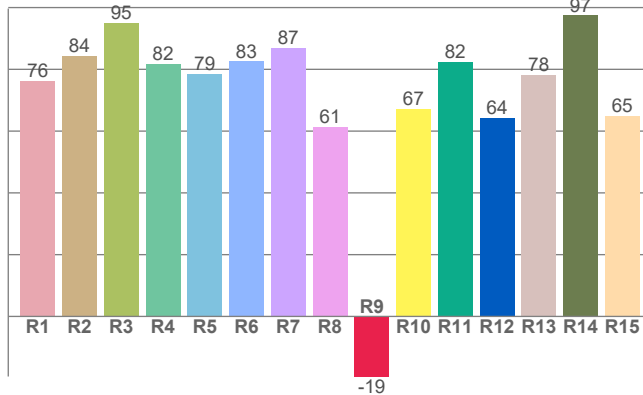
CIE 1931



CIE 1931 - Zoom



CRI: 80.9 (R1-R8)

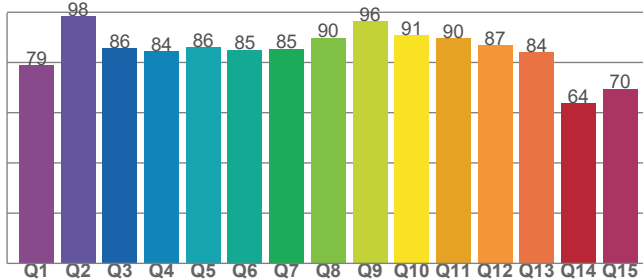


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5675 K	0.328	0.366

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0110	0.366	0.195

CQS: 82.7



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
80.9	-19.5	82.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
68	85.2	93.8

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - 5600K

TM-30 Details

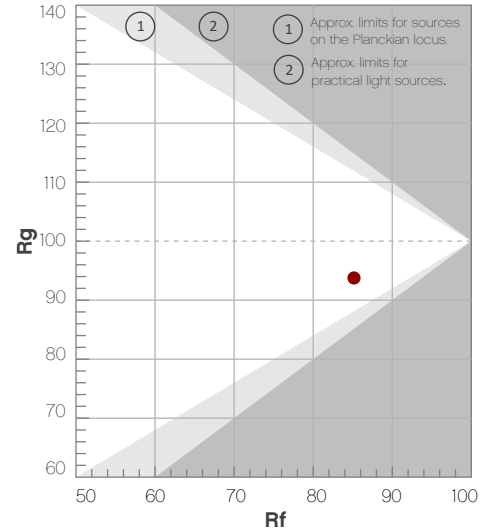
Rf 85.2

Fidelity Index
(Rg)

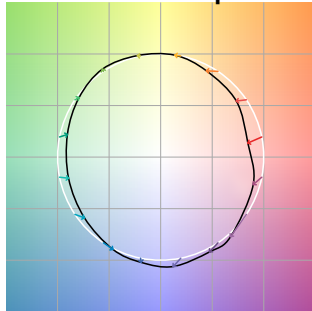
Rg 93.8

Gammut Index
(Rg)

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	73	-14%	-3%
2	85	-9%	4%
3	81	-6%	10%
4	91	0%	6%
5	92	1%	3%
6	94	2%	0%
7	93	-2%	-4%
8	86	-7%	-4%
9	90	-8%	3%
10	84	-6%	8%
11	82	0%	11%
12	93	4%	1%
13	87	6%	-9%
14	81	3%	-12%
15	71	-1%	-26%
16	82	-7%	-9%



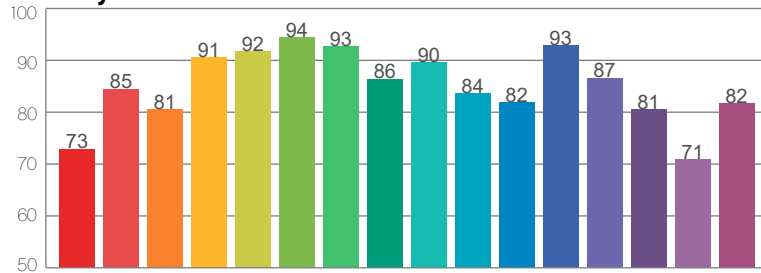
Color Vector Graphic



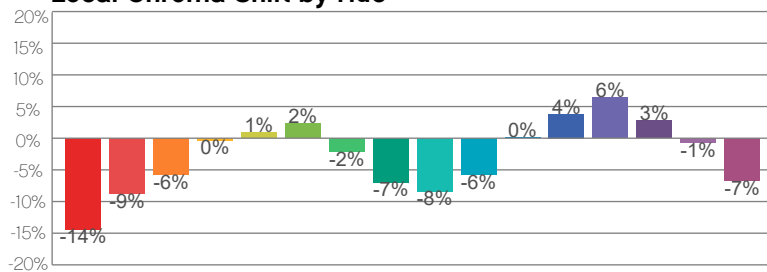
Color Distortion Graphic



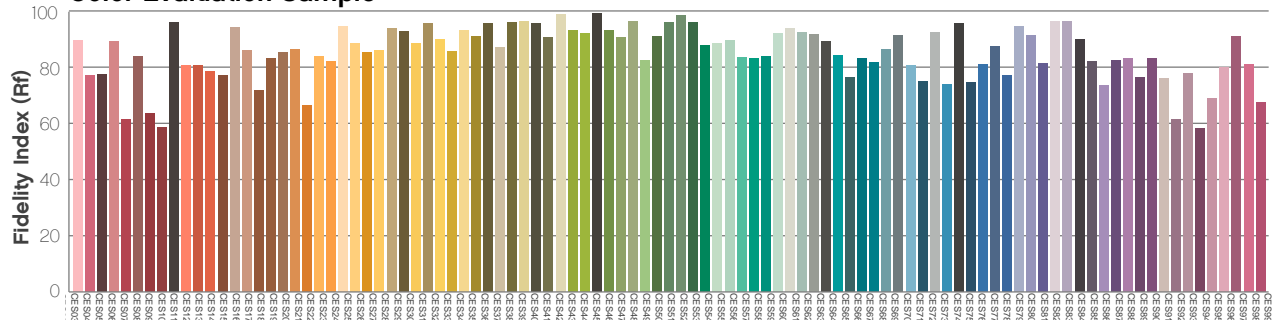
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 5600K

Report Summary

Measurements

Fixture Output: 9079 lm
Fixture Peak: 8311 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 332 lux
Color Temperature: 5575 K
CRI: 93.7 CRI R9 Value: 94.5
CQS: 94.8
TLCI: 93
TM-30 Rf: 92.8
TM-30 Rg: 105.1
Beam Angle (50%): 67.4°
Field Angle (10%): 89.8°
Cutoff Angle (3%): 98.9°

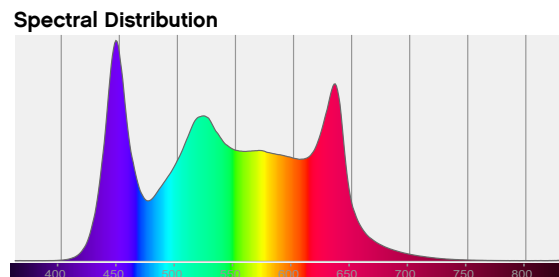
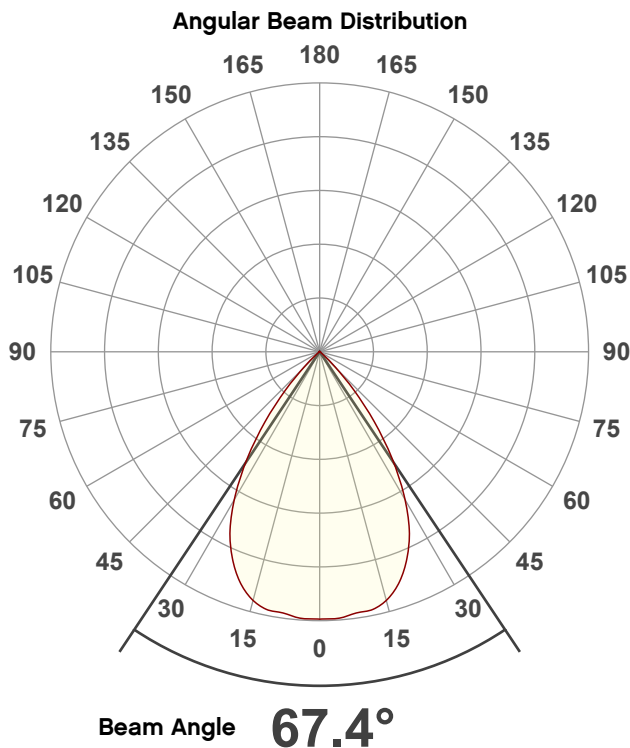


Conditions

AC Supply: 114 V, 60 Hz
Power: 392.51 W
Current: 3.45 A
Power Factor: 0.93

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 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.331

Y: 0.343



Light Quality

CRI: 93.7

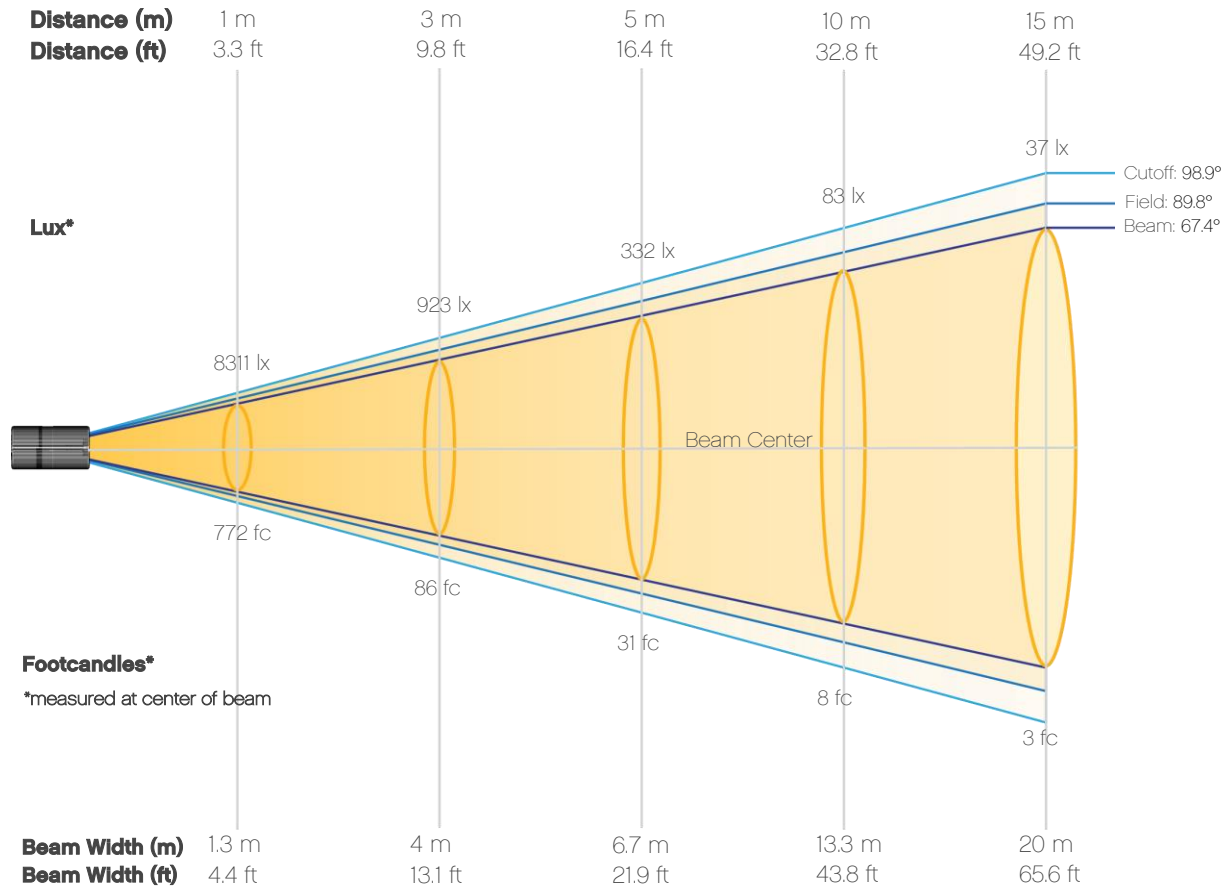
Color Temperature

5575 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 5600K

Beam Details

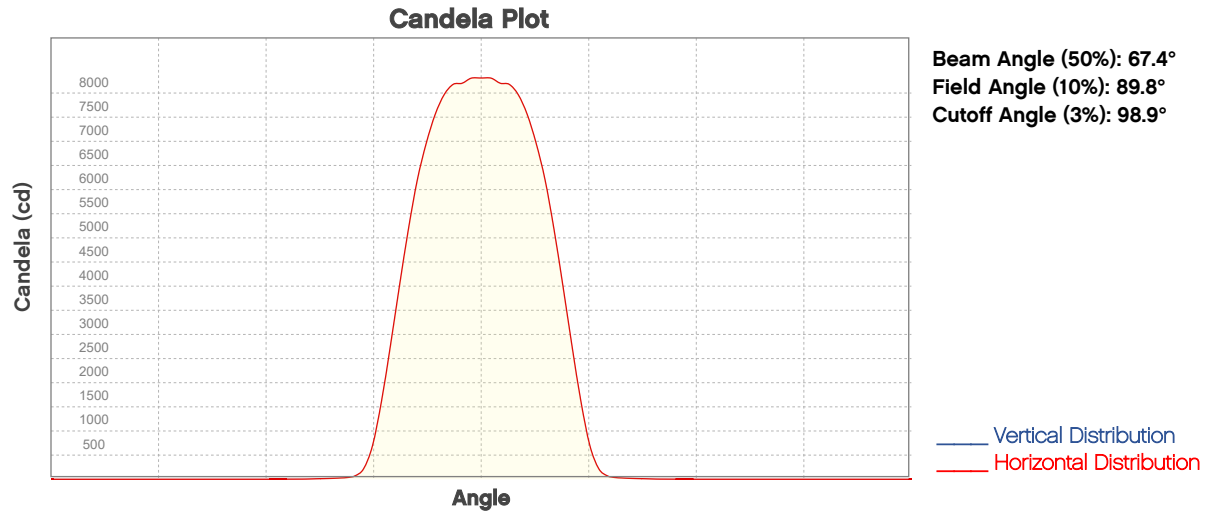


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	8311	2078	923	519	332	231	170	130	103	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	772	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

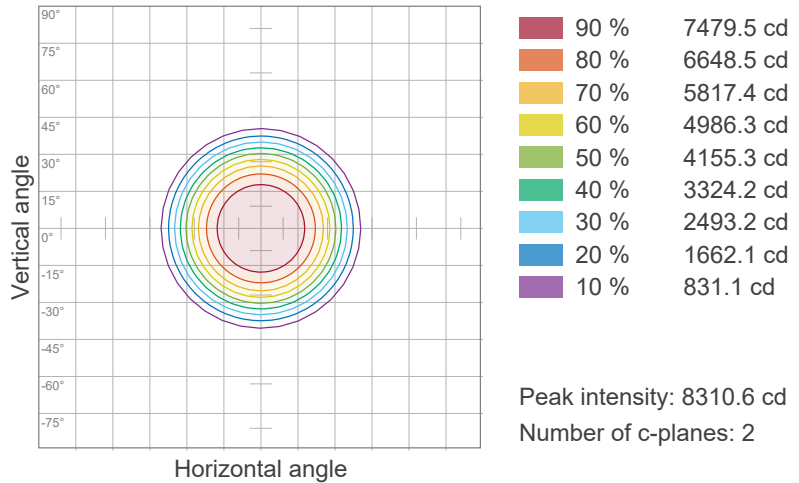
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 5600K

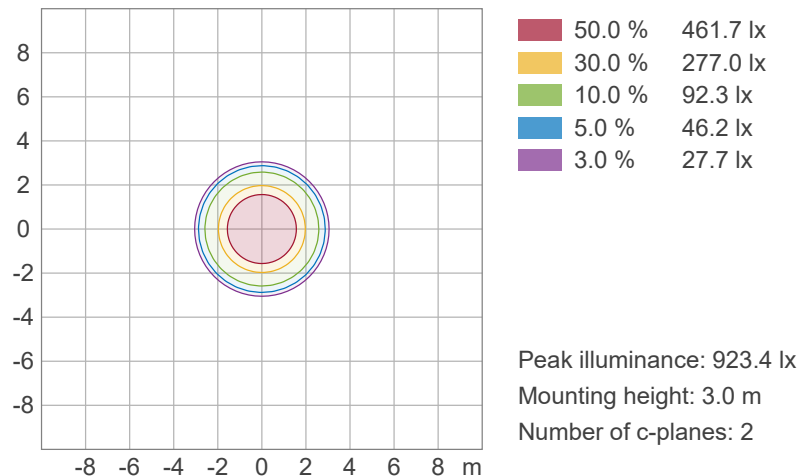


ISO Diagrams

ISO Candela Diagram



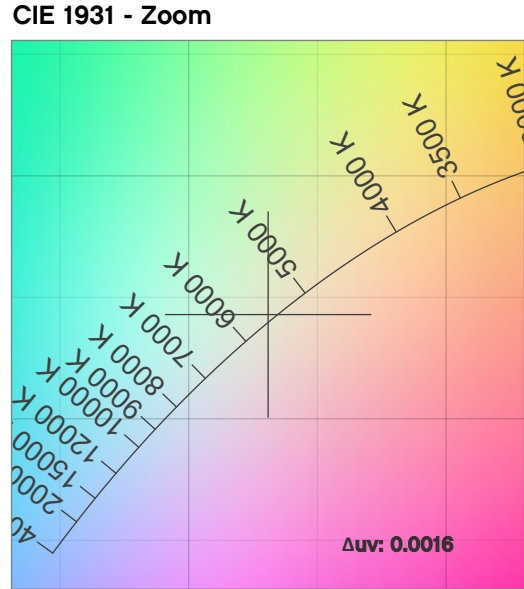
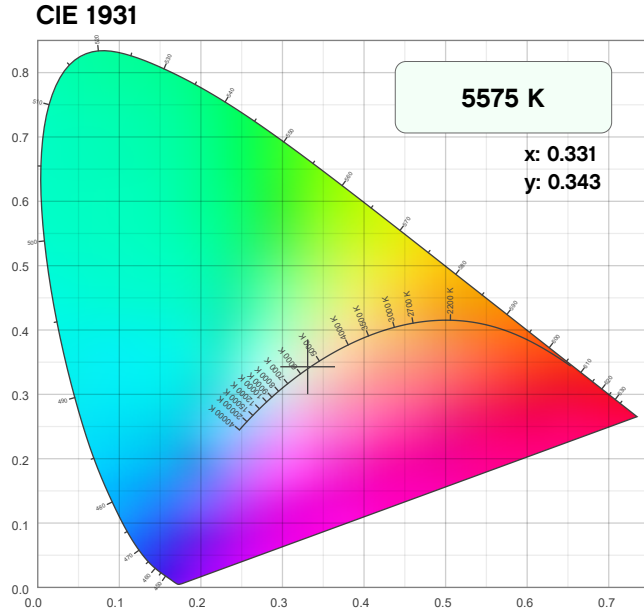
ISO Lux Diagram



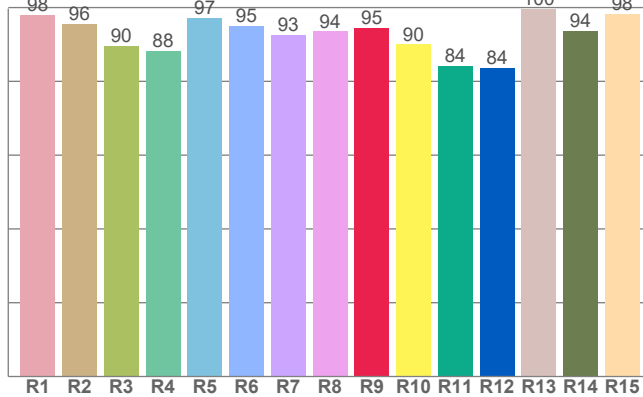
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 5600K

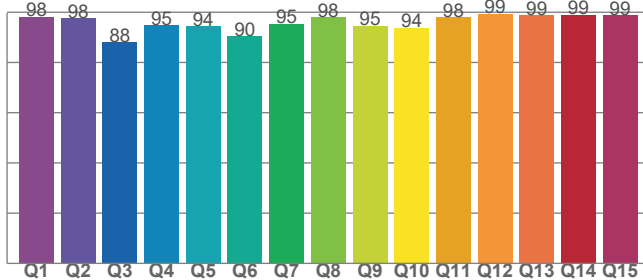
Chromaticity



CRI: 93.7 (R1-R8)



CQS: 94.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5575 K	0.331	0.343

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.343	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.7	94.5	94.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	92.8	105.1

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: Full Flood - 5600K

TM-30 Details

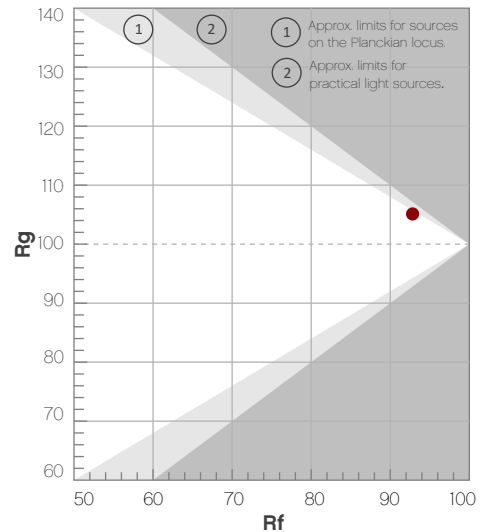
Rf 92.8

Fidelity Index
(Rg)

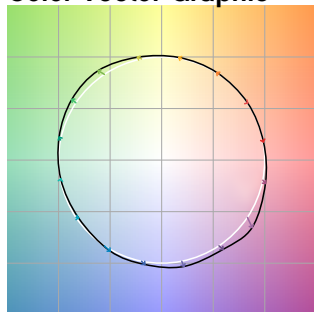
Rg 105.1

Gammut Index
(Rg)

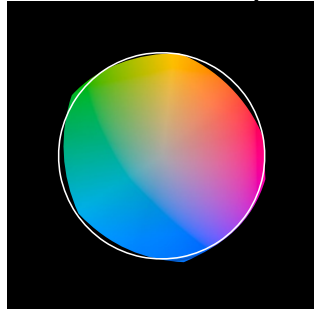
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	95	0%	-2%
2	98	0%	0%
3	95	0%	3%
4	94	1%	3%
5	92	2%	4%
6	90	6%	3%
7	92	5%	-1%
8	94	2%	-2%
9	96	0%	-1%
10	95	-2%	2%
11	88	1%	7%
12	93	2%	4%
13	93	5%	1%
14	91	5%	1%
15	88	9%	-6%
16	93	3%	-3%



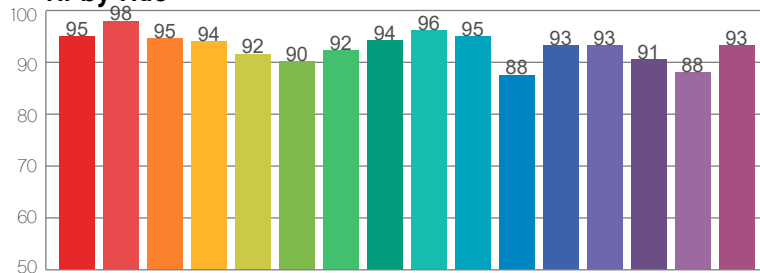
Color Vector Graphic



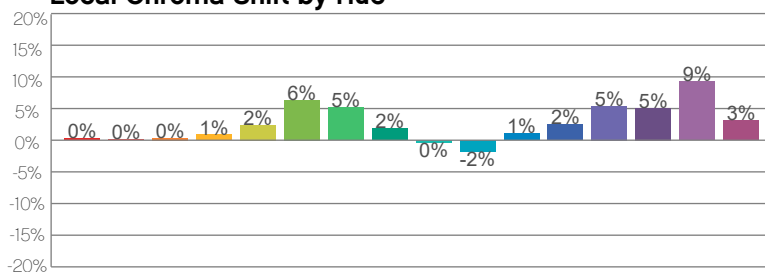
Color Distortion Graphic



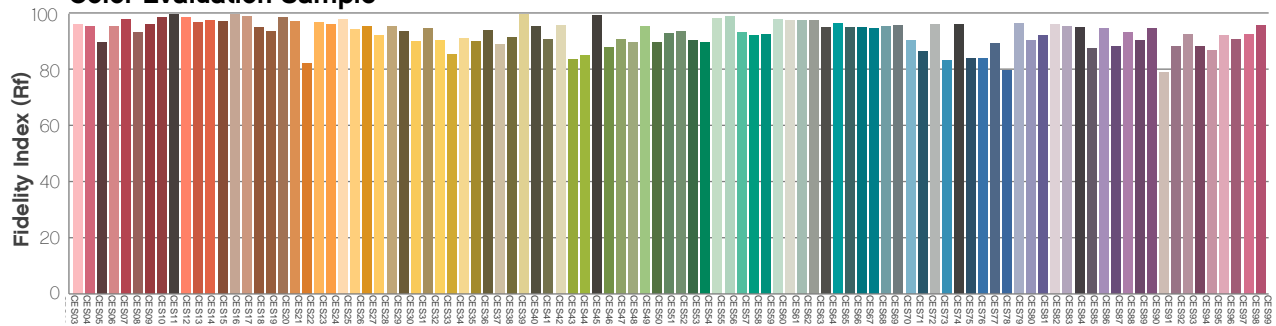
R_f by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Red Only

Report Summary

Measurements

Fixture Output: 1349 lm
Fixture Peak: 5279 cd
Fixture Efficacy: 12 lm/W
Intensity @ 5m: 211 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 31°
Field Angle (10%): 44.4°
Cutoff Angle (3%): 50.7°

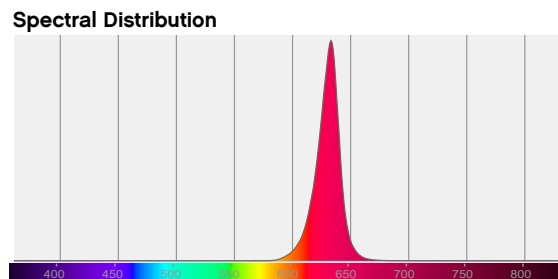
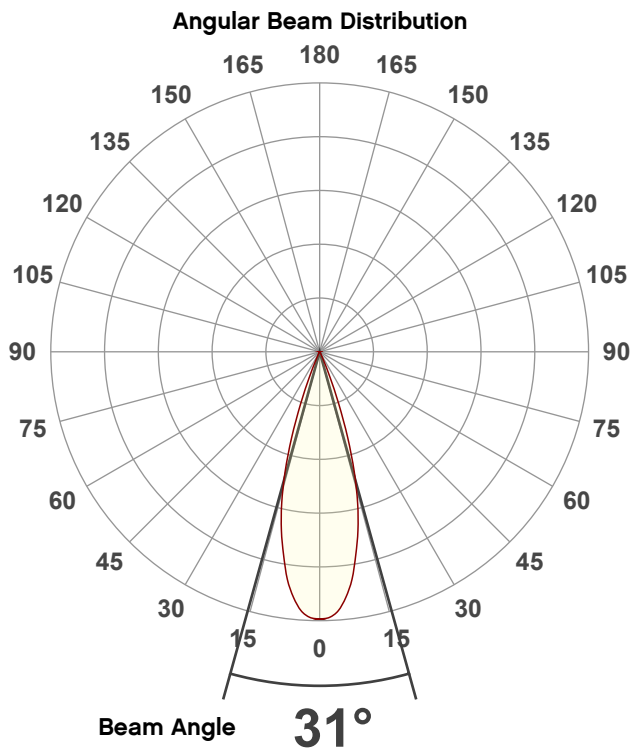


Conditions

AC Supply: 117 V, 60 Hz
Power: 116.55 W
Current: 0.997 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 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.697

Y: 0.302



Light Quality

CRI: 0.0

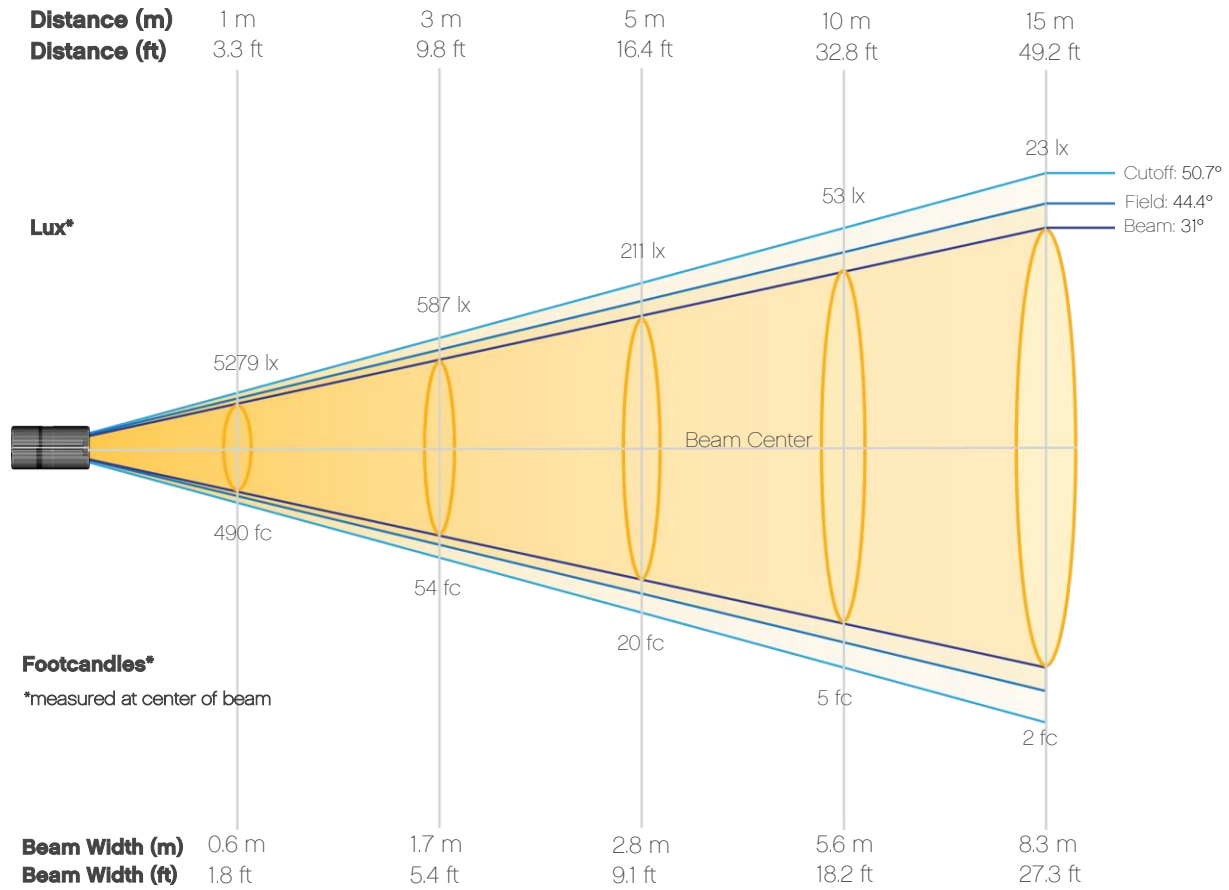
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Red Only

Beam Details

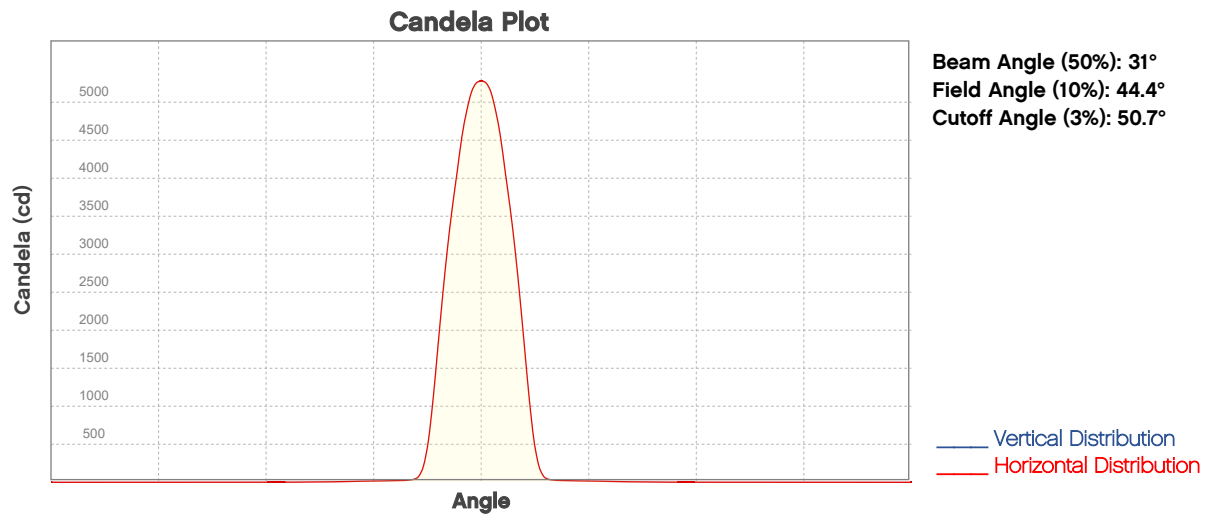


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5279	1320	587	330	211	147	108	82	65	53
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	44	37	31	27	23	21	18	16	15	13
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	490	123	54	31	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	3	3	3	2	2	2	2	1	1

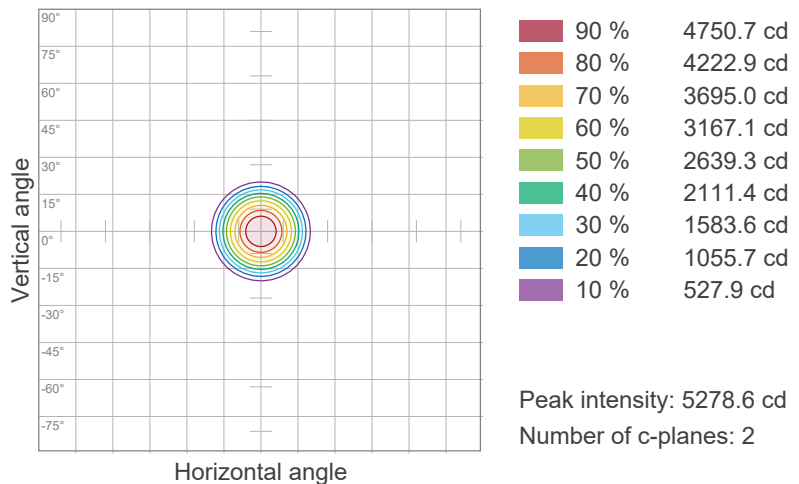
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Red Only

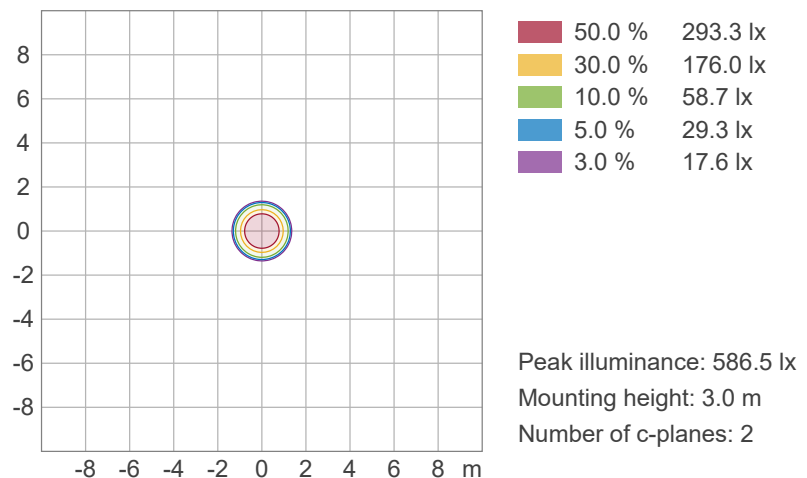


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

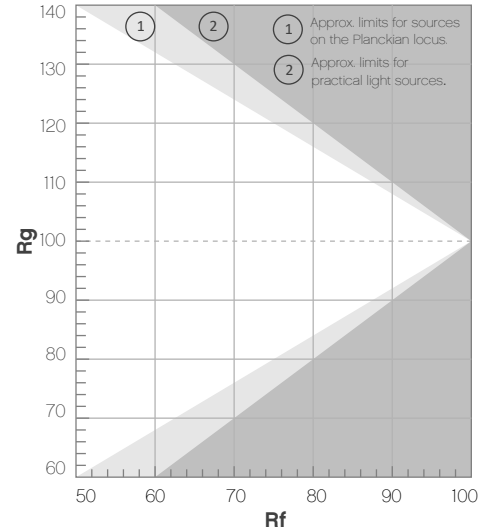
Ovation Rêve F-3 IP: 50% Zoom - Red Only

TM-30 Details

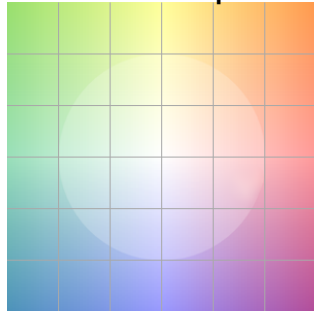
Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index
(Rg)

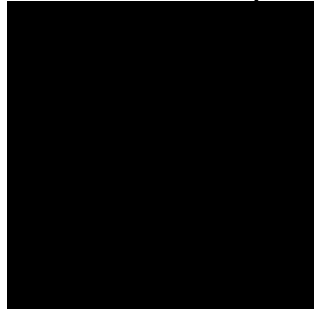
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Vector Graphic



Color Distortion Graphic



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Green Only

Report Summary

Measurements

Fixture Output: 1822 lm
Fixture Peak: 7663 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 305 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%): 29.7°
Field Angle (10%): 43.7°
Cutoff Angle (3%): 50°

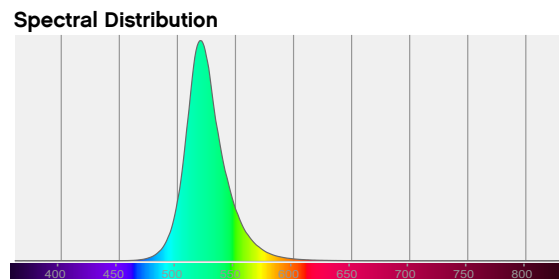
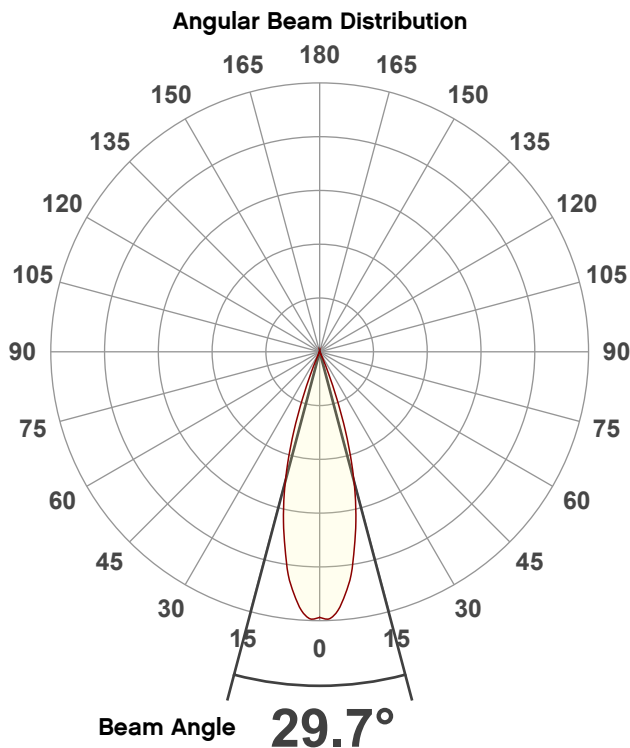


Conditions

AC Supply: 118 V, 60 Hz
Power: 84.65 W
Current: 0.718 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 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.167

Y: 0.731



Light Quality

CRI: 0.0

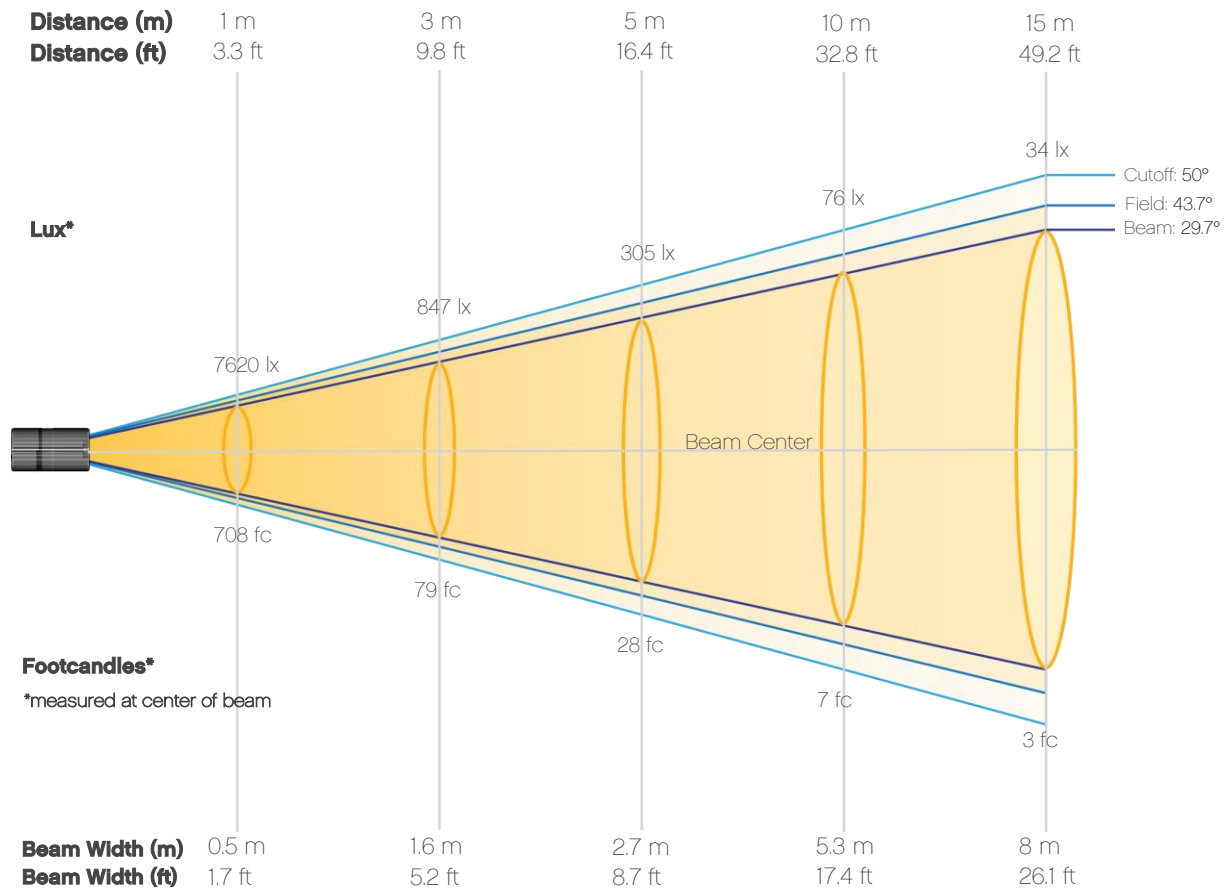
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Green Only

Beam Details

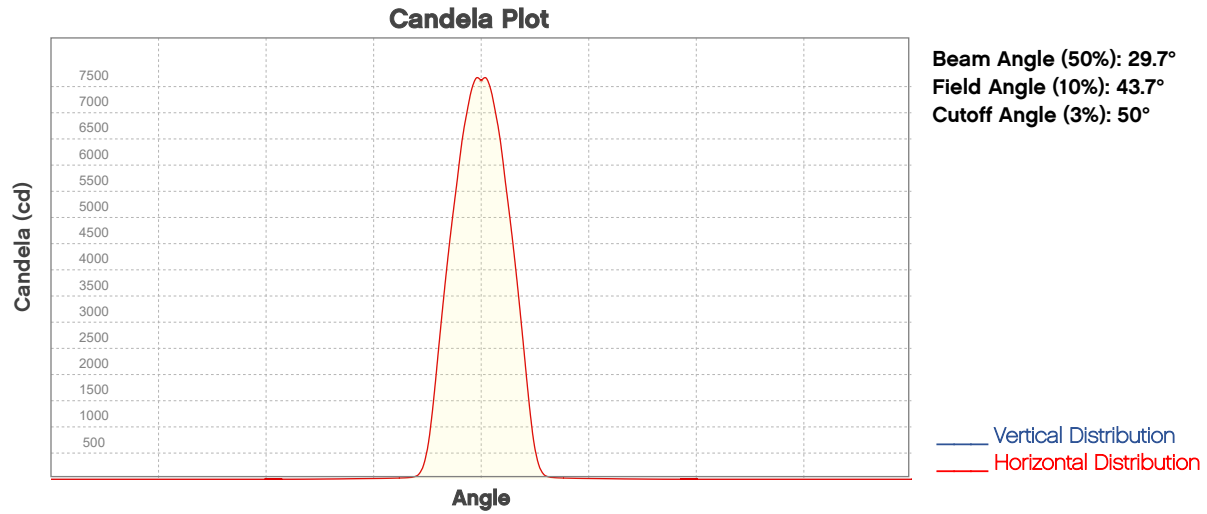


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7620	1905	847	476	305	212	156	119	94	76
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	63	53	45	39	34	30	26	24	21	19
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	708	177	79	44	28	20	14	11	9	7
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	6	5	4	4	3	3	2	2	2	2

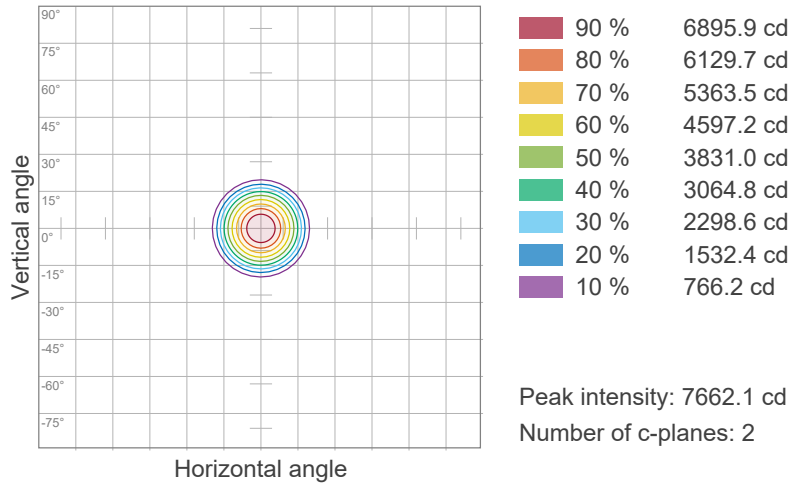
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Green Only

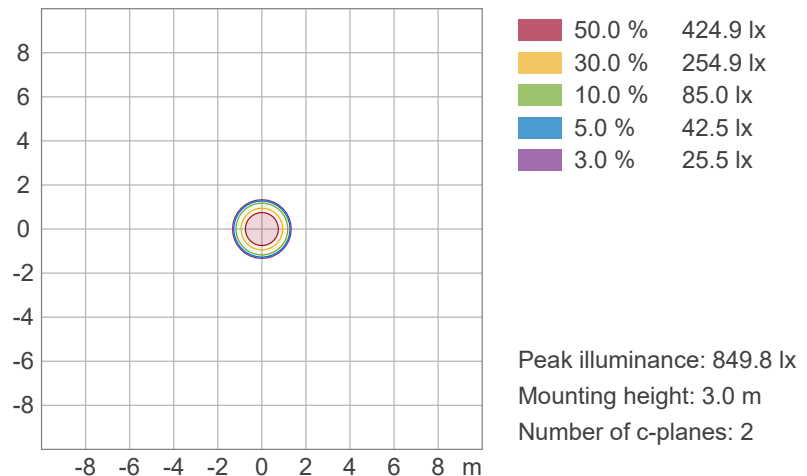


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram

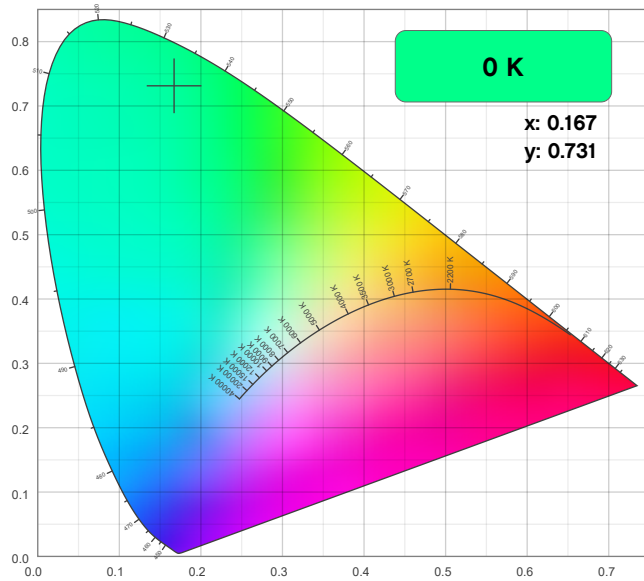


Photometric & Chromaticity Report

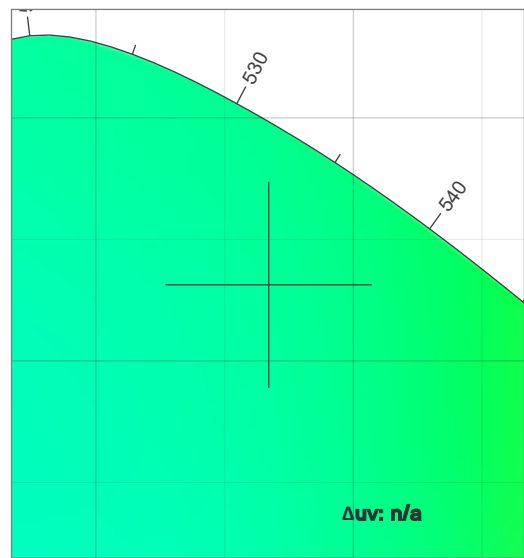
Ovation Rêve F-3 IP: 50% Zoom - Green Only

Chromaticity

CIE 1931



CIE 1931 - Zoom



CRI: 0.0 (R1-R8)

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

CQS: 0.0

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

Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.167	0.731

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.731	0.058

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

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

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Green Only

TM-30 Details

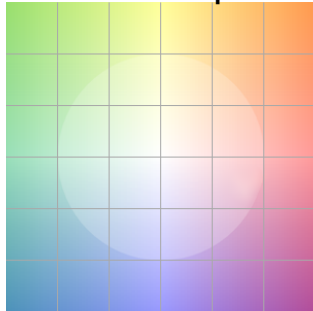
Rf 0.0

Fidelity Index
(Rg)

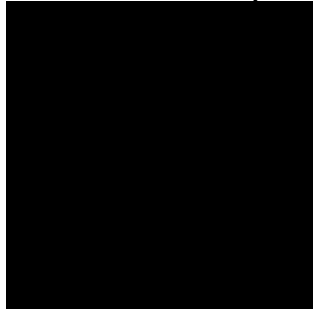
Rg 0.0

Gammut Index
(Rg)

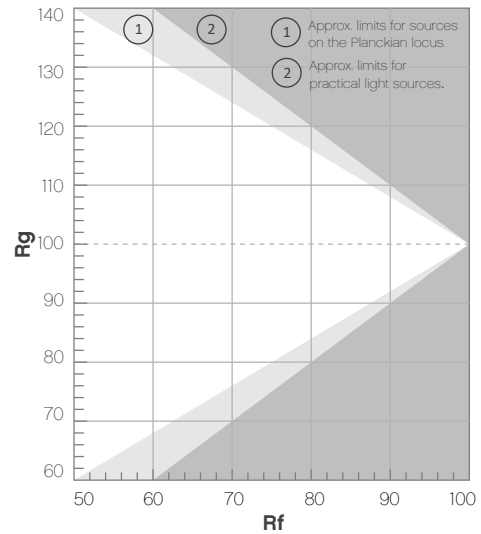
Color Vector Graphic



Color Distortion Graphic



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



Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Blue Only

Report Summary

Measurements

Fixture Output: 600 lm
Fixture Peak: 2368 cd
Fixture Efficacy: 5 lm/W
Intensity @ 5m: 95 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 31.1°
Field Angle (10%): 44°
Cutoff Angle (3%): 50.3°

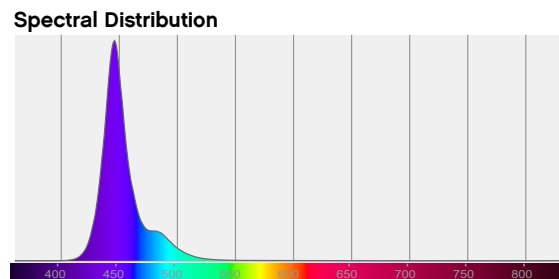
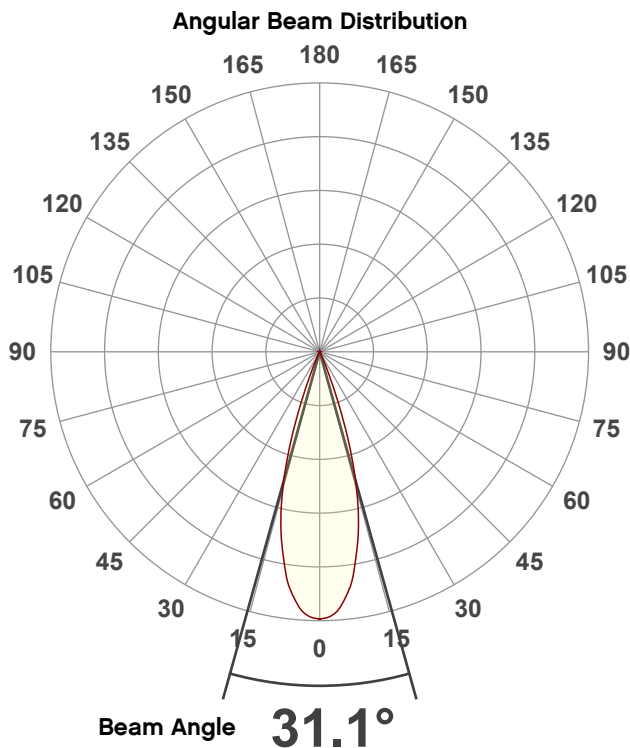


Conditions

AC Supply: 117 V, 60 Hz
Power: 127.04 W
Current: 1.09 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 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):
X: 0.153
Y: 0.037



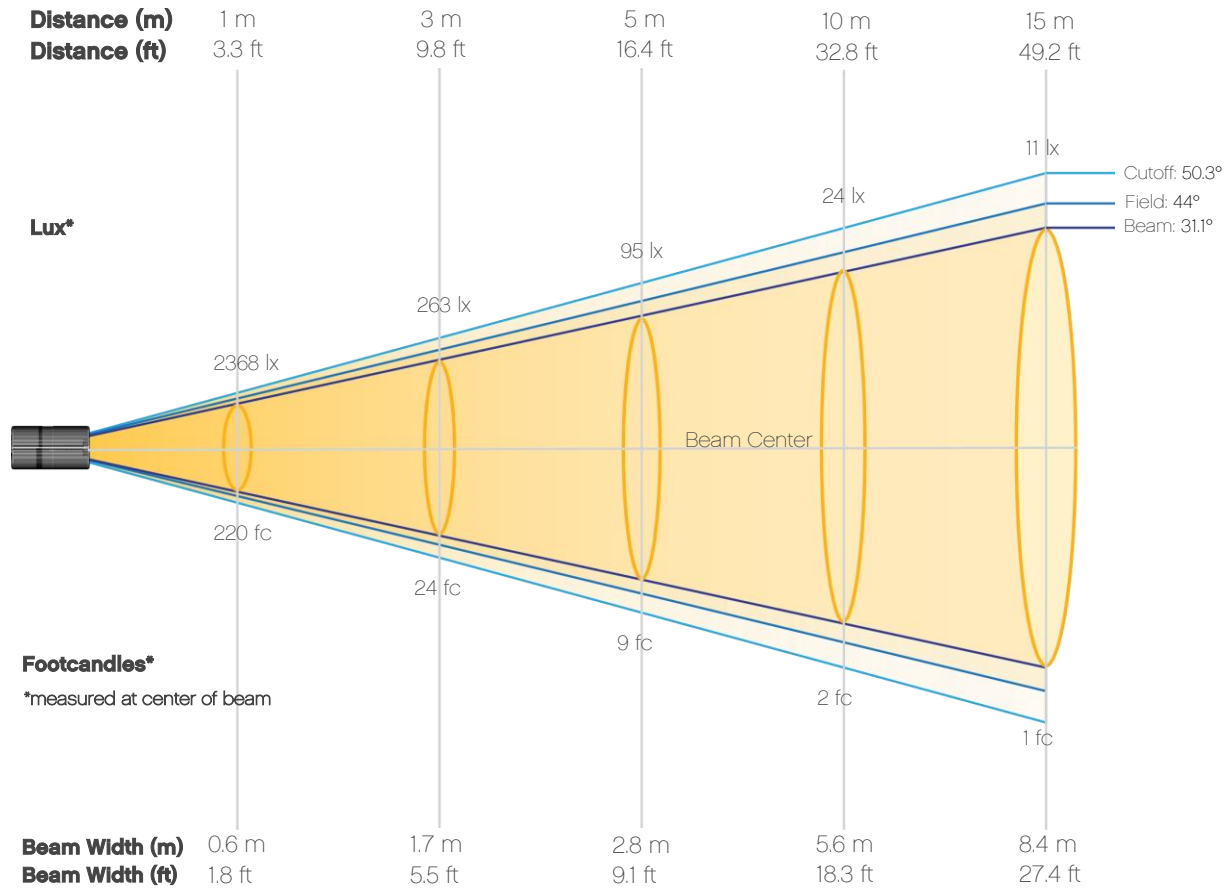
Light Quality
CRI: 0.0

Color Temperature
0 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Blue Only

Beam Details

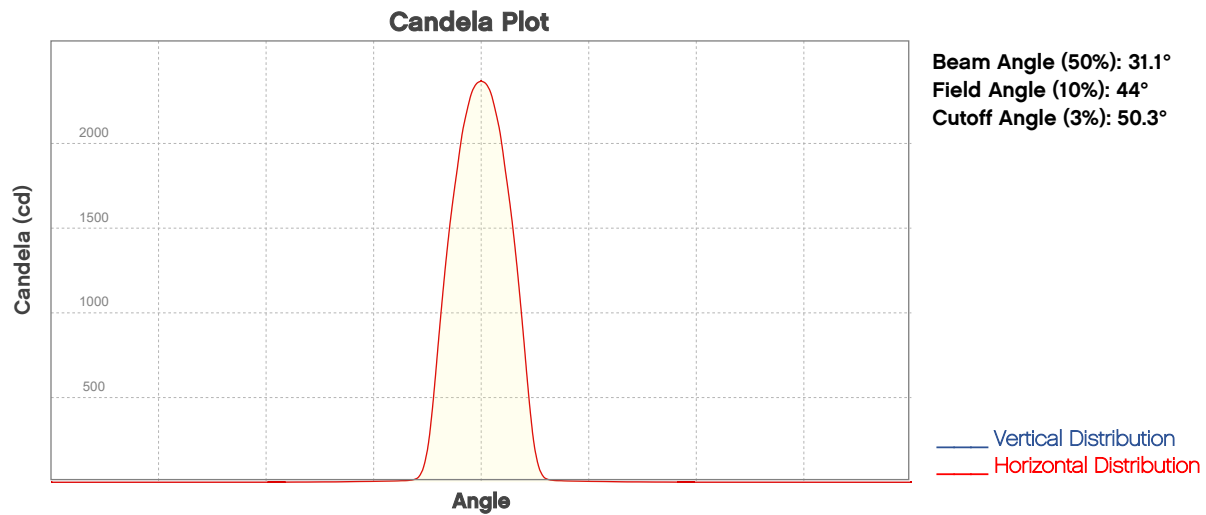


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2368	592	263	148	95	66	48	37	29	24
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	20	16	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	220	55	24	14	9	6	4	3	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

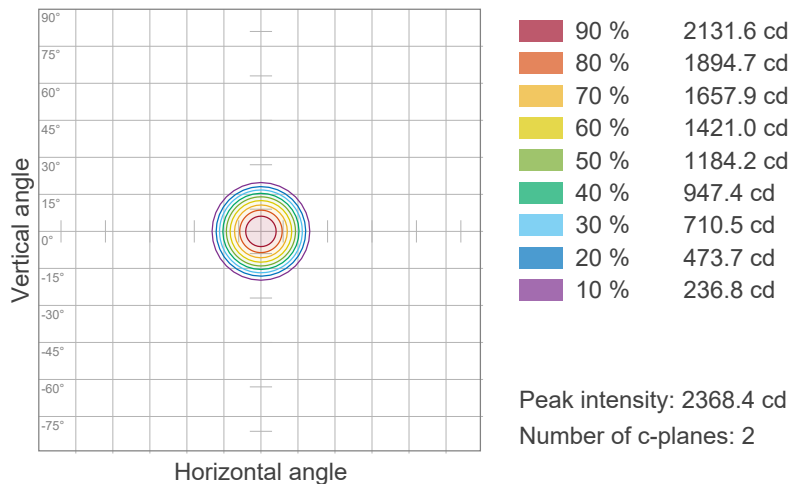
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Blue Only

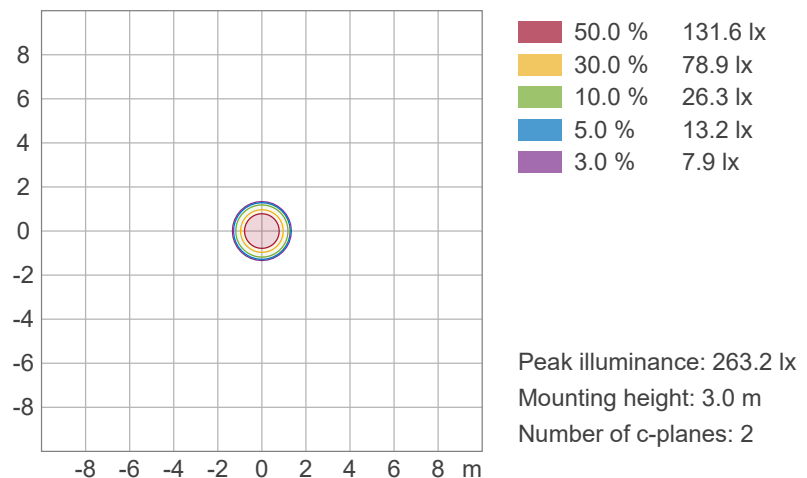


ISO Diagrams

ISO Candela Diagram



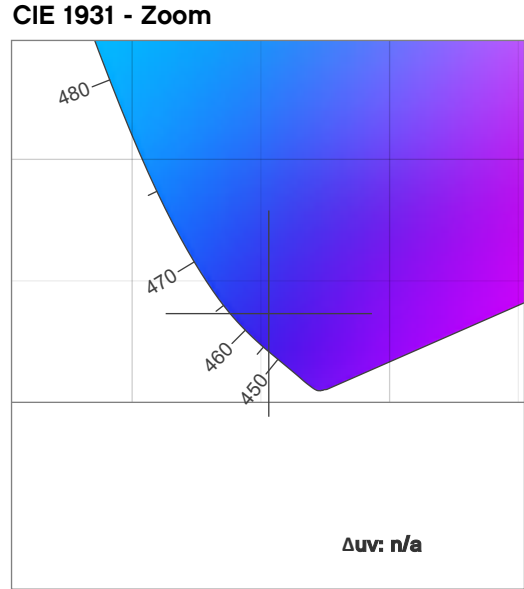
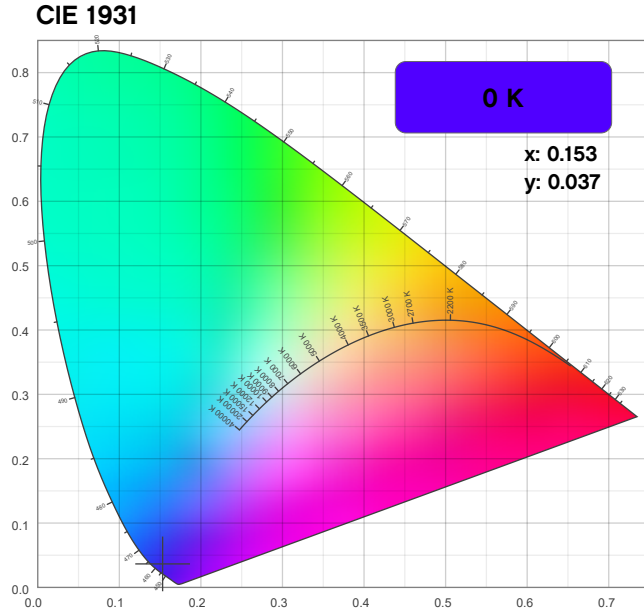
ISO Lux Diagram



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Blue Only

Chromaticity



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

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	0.153	0.037

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.037	0.195

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 Rêve F-3 IP: 50% Zoom - Blue Only

TM-30 Details

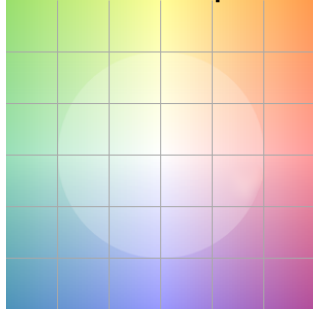
Rf 0.0

Fidelity Index
(Rg)

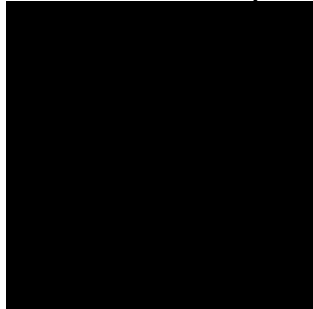
Rg 0.0

Gammut Index
(Rg)

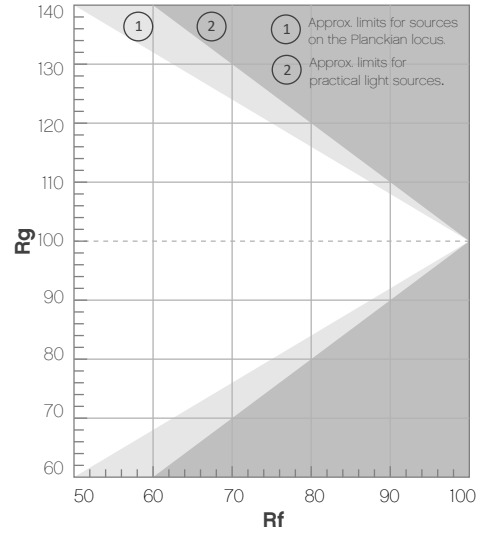
Color Vector Graphic



Color Distortion Graphic



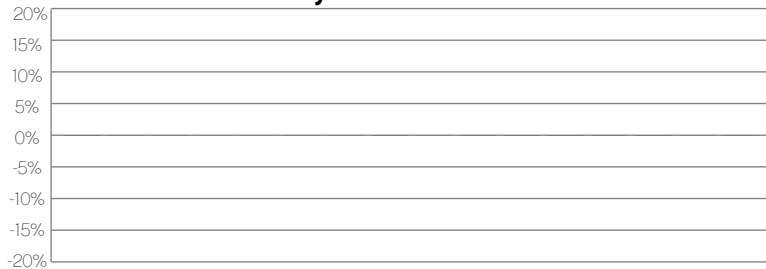
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



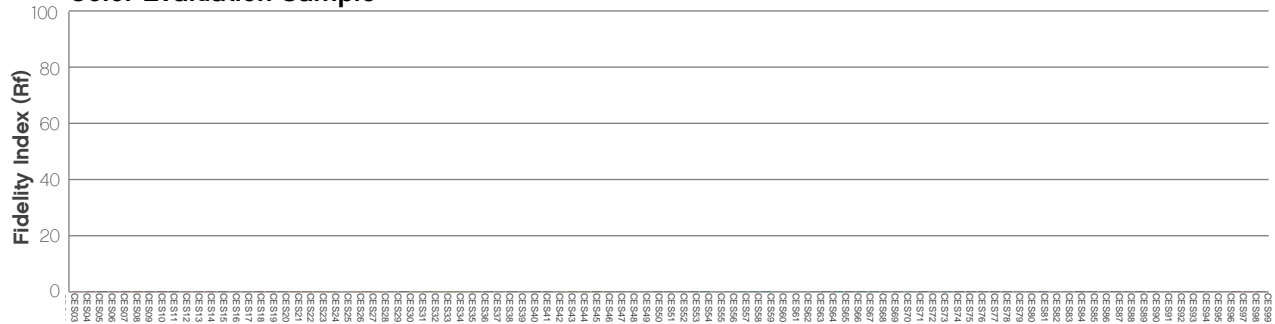
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Amber Only

Report Summary

Measurements

Fixture Output: 2753 lm
Fixture Peak: 11544 cd
Fixture Efficacy: 15 lm/W
Intensity @ 5m: 462 lux
Color Temperature: 1756 K
CRI: 41.3 CRI R9 Value: -100.3
CQS: 22.1
TLCI: 18
TM-30 Rf: 55.2
TM-30 Rg: 62.7
Beam Angle (50%): 29.7°
Field Angle (10%): 43.9°
Cutoff Angle (3%): 50.2°

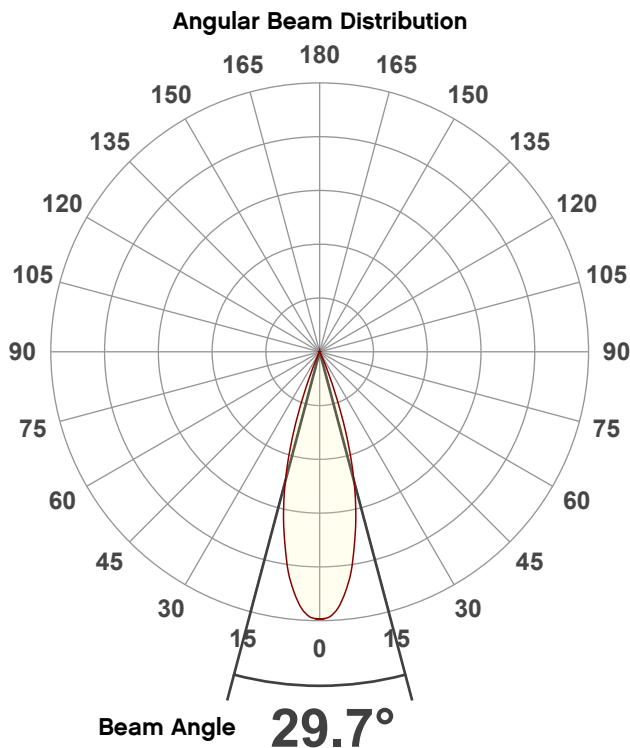


Conditions

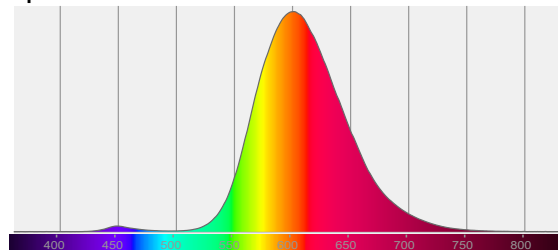
AC Supply: 117 V, 60 Hz
Power: 185.43 W
Current: 1.59 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Spectral Distribution



Tested Color (CIE 1931):

X: 0.566
Y: 0.421



Light Quality

CRI: 41.3

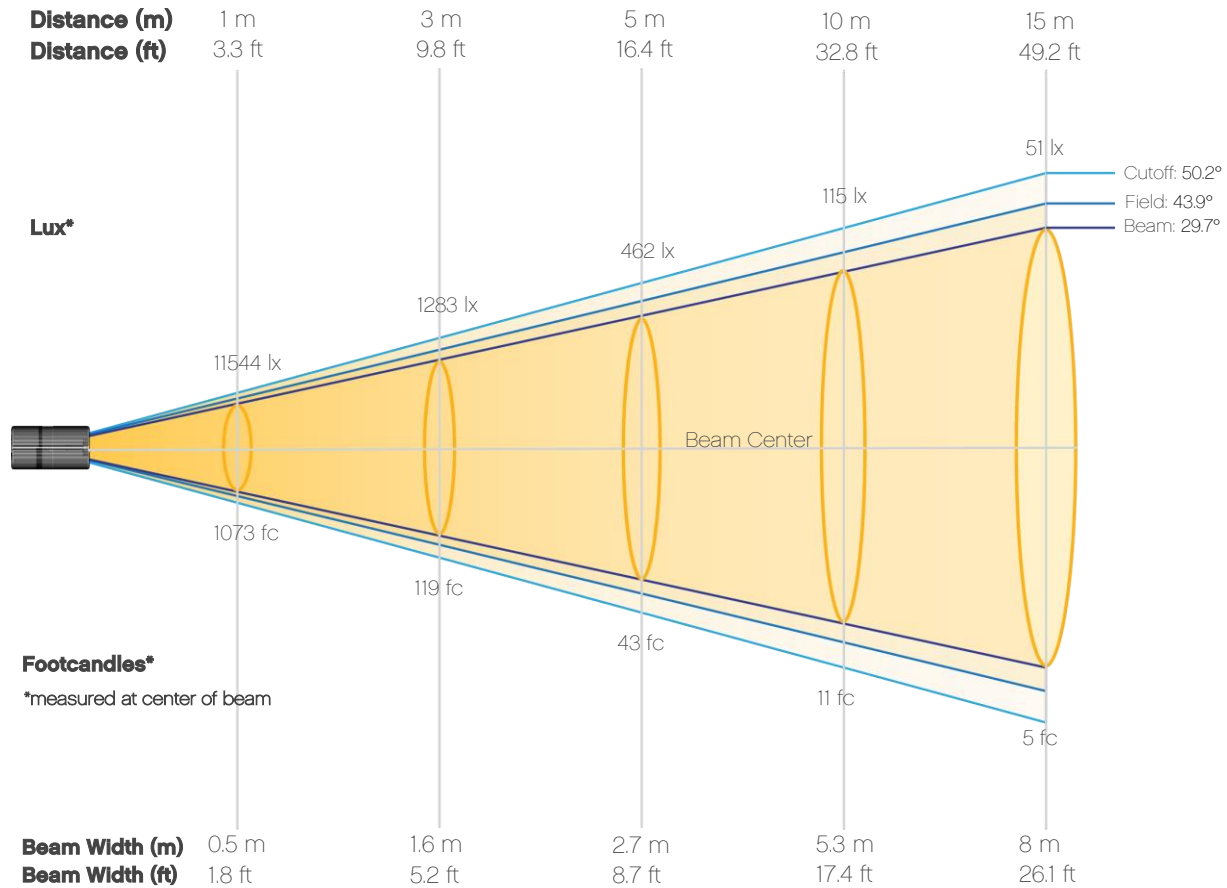
Color Temperature

1756 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Amber Only

Beam Details

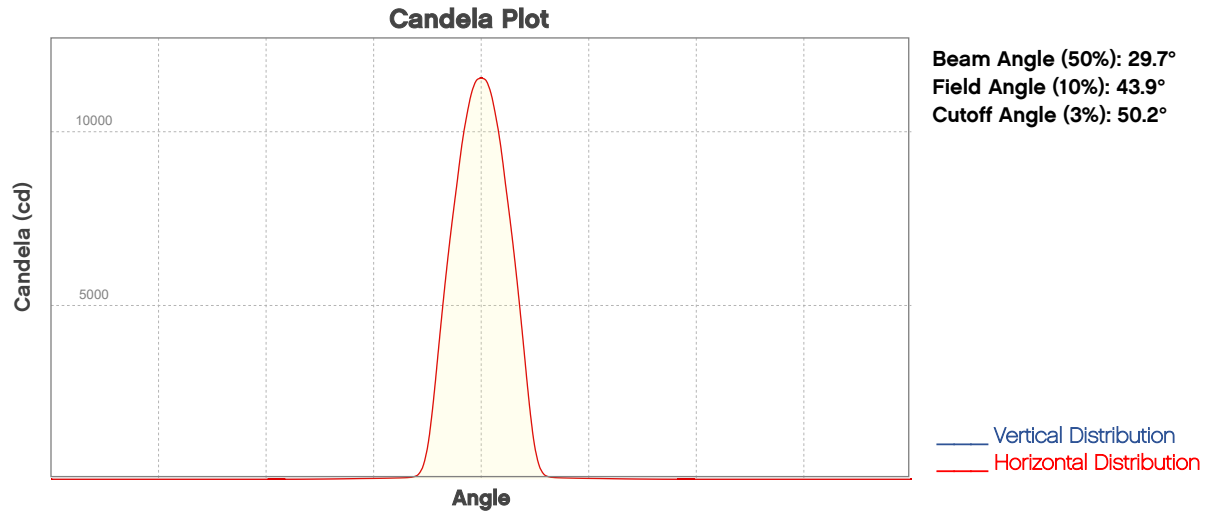


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11544	2886	1283	722	462	321	236	180	143	115
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	95	80	68	59	51	45	40	36	32	29
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1073	268	119	67	43	30	22	17	13	11
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	9	7	6	5	5	4	4	3	3	3

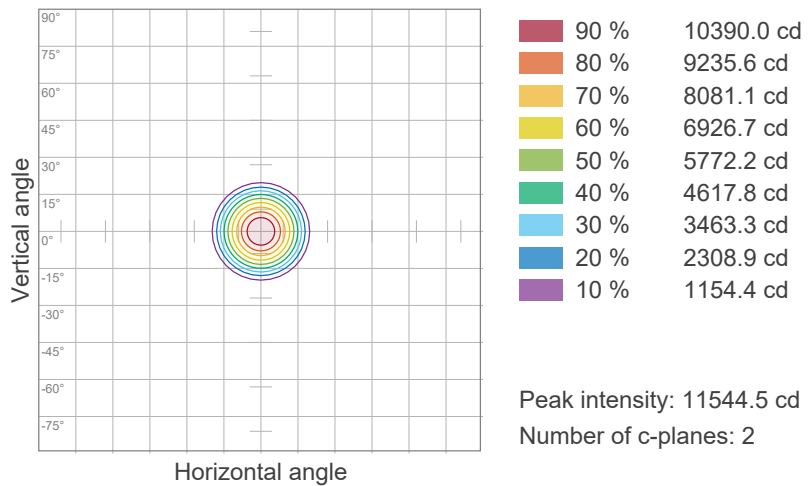
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Amber Only

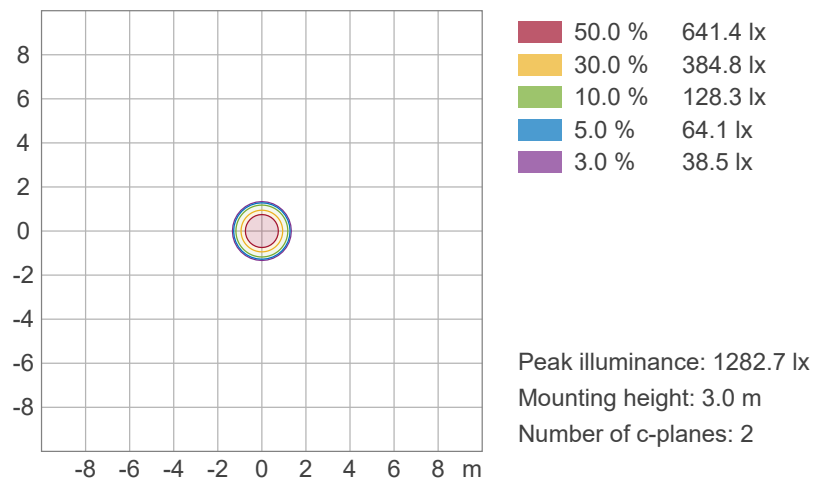


ISO Diagrams

ISO Candela Diagram



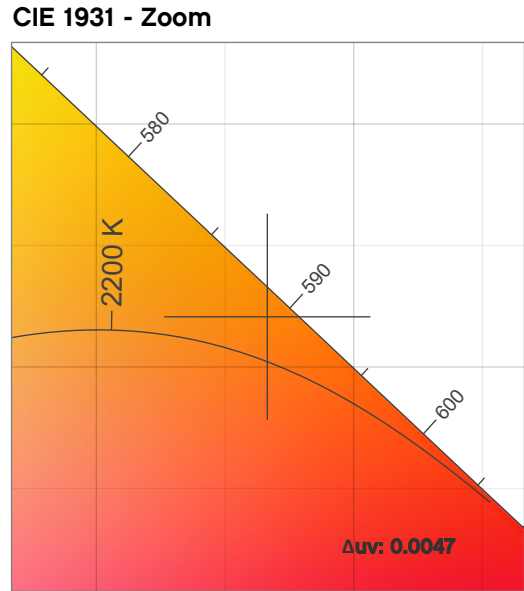
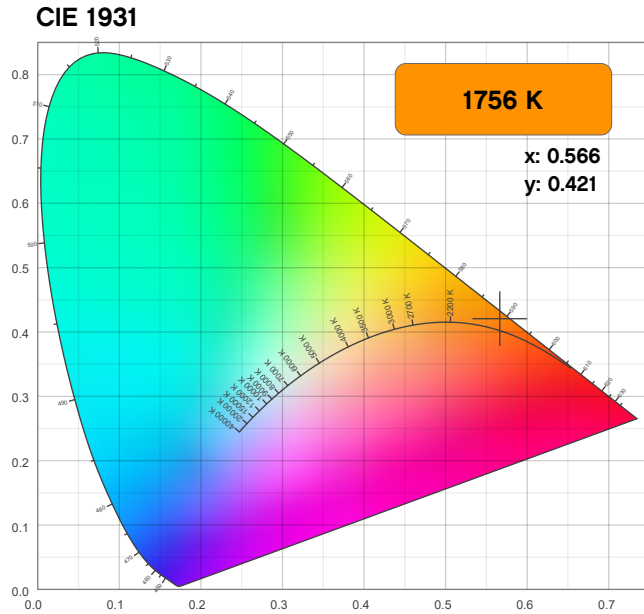
ISO Lux Diagram



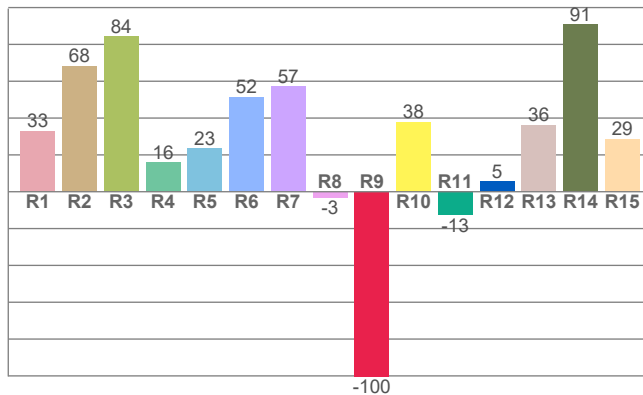
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Amber Only

Chromaticity



CRI: 41.3 (R1-R8)

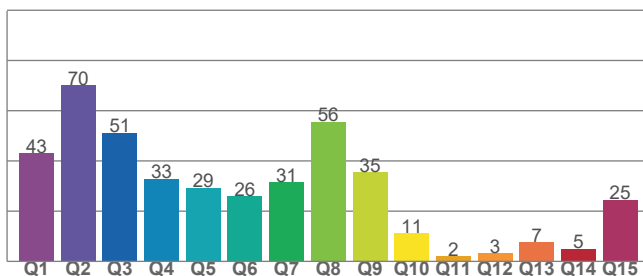


Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
1756 K	0.566	0.421

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0047	0.421	0.328

CQS: 22.1



Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
41.3	-100.3	22.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
18	55.2	62.7

Photometric & Chromaticity Report

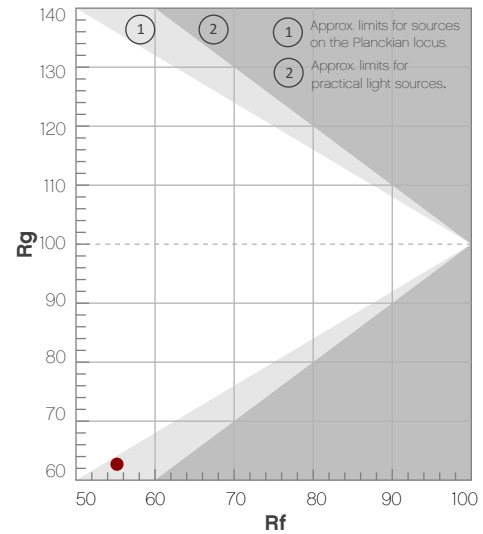
Ovation Rêve F-3 IP: 50% Zoom - Amber Only

TM-30 Details

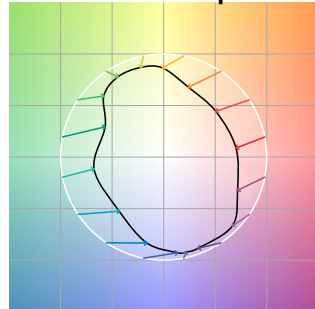
Rf 55.2
Fidelity Index
(Rg)

Rg 62.7
Gammut Index
(Rg)

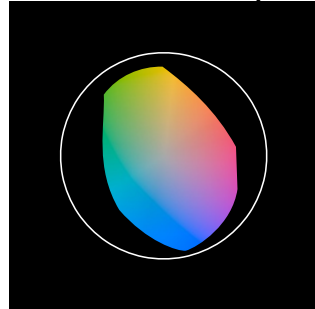
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	42	-30%	-5%
2	42	-33%	9%
3	36	-30%	18%
4	71	-15%	18%
5	86	-10%	5%
6	73	-11%	-6%
7	62	-19%	-17%
8	44	-39%	-18%
9	42	-32%	-2%
10	34	-35%	20%
11	39	-22%	33%
12	48	-12%	31%
13	78	-6%	3%
14	77	-8%	-21%
15	69	-8%	-19%
16	56	-23%	-18%



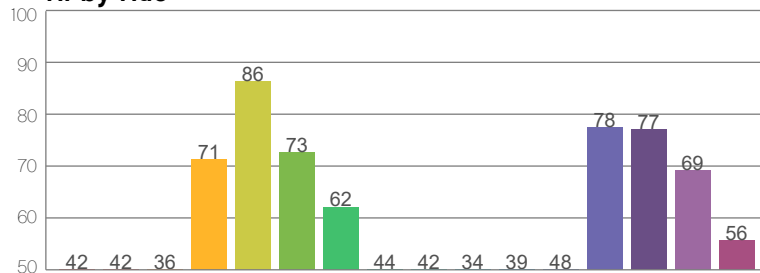
Color Vector Graphic



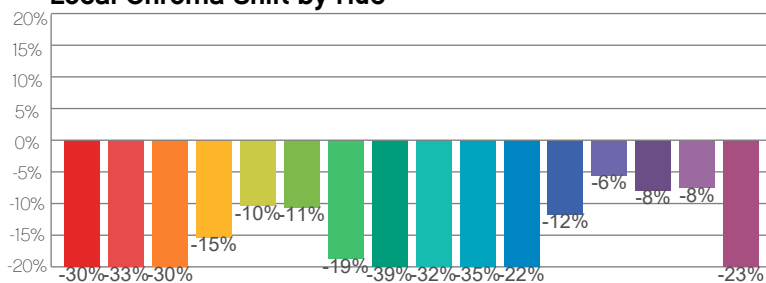
Color Distortion Graphic



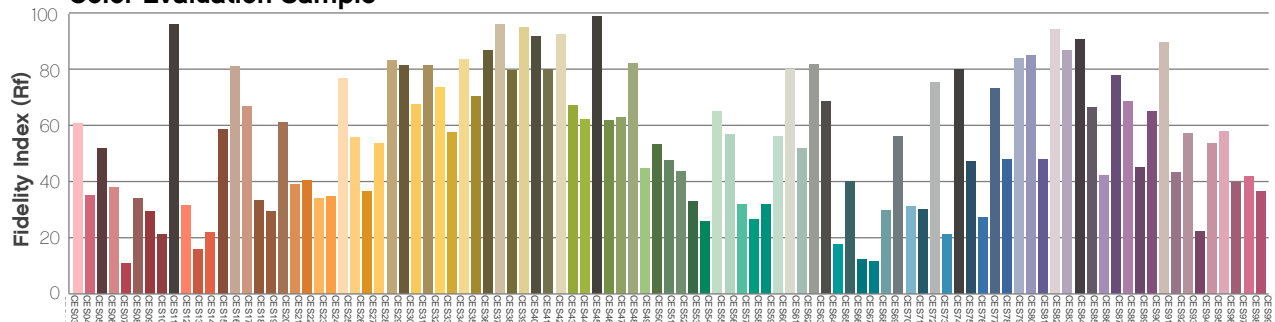
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Mint Only

Report Summary

Measurements

Fixture Output: 7152 lm
Fixture Peak: 28973 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 1159 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 30.7°
Field Angle (10%): 44.1°
Cutoff Angle (3%): 50.4°

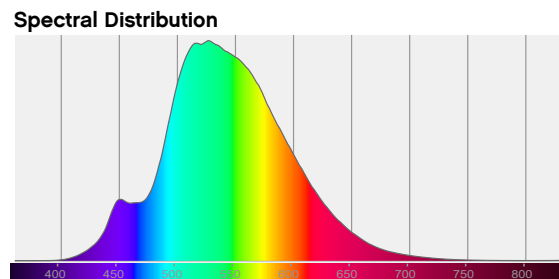
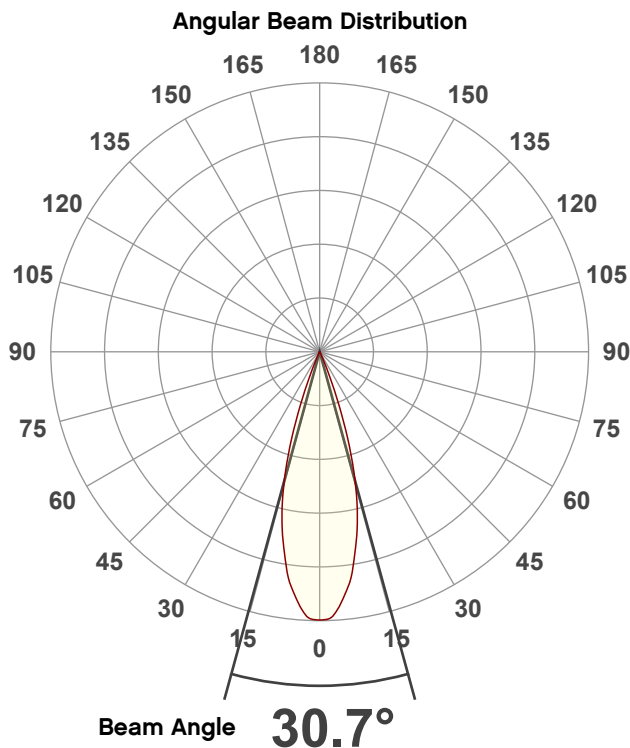


Conditions

AC Supply: 115 V, 60 Hz
Power: 261.56 W
Current: 2.27 A
Power Factor: 1.0

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 2/29/2024 to LM-63-2002 Standards.

Overall Measurement



Tested Color (CIE 1931):

X: 0.325

Y: 0.496



Light Quality

CRI: 0.0

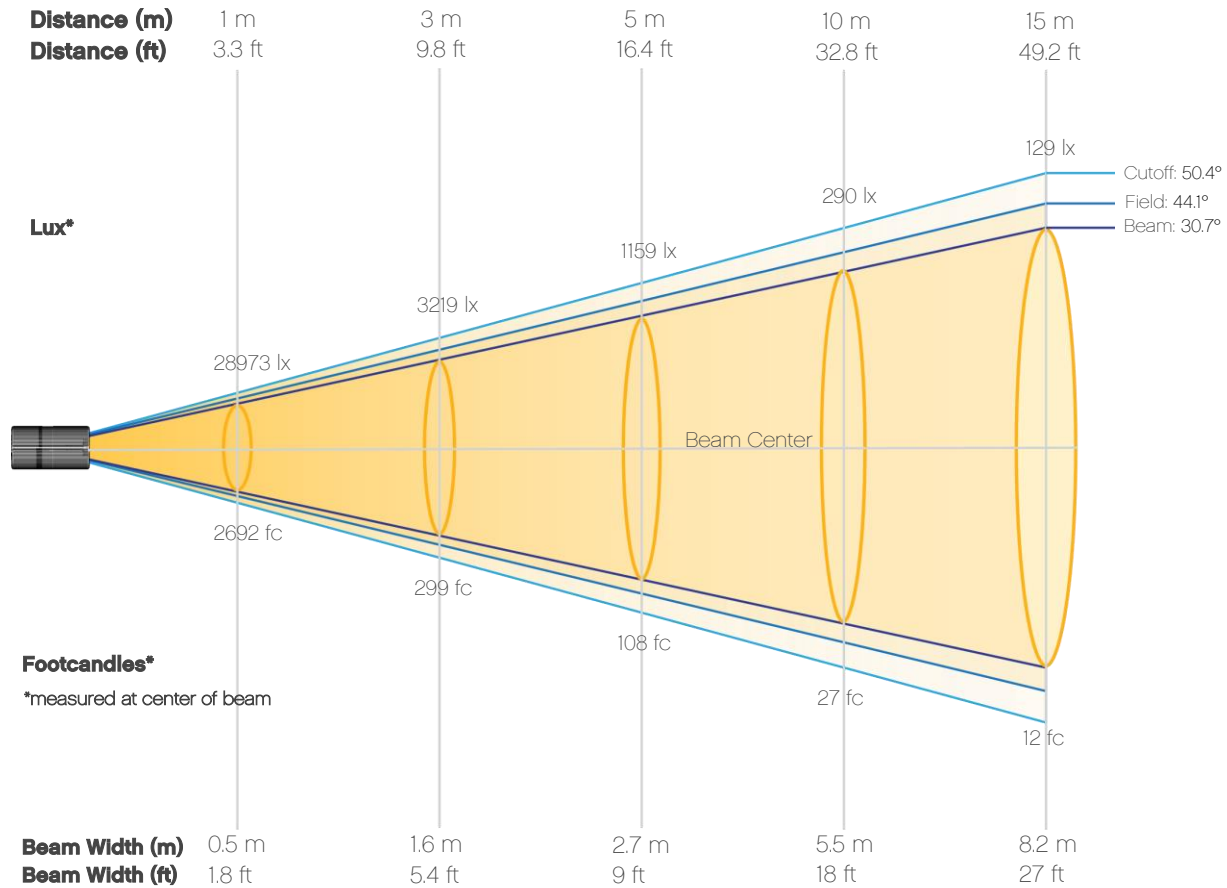
Color Temperature

0 K

Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Mint Only

Beam Details

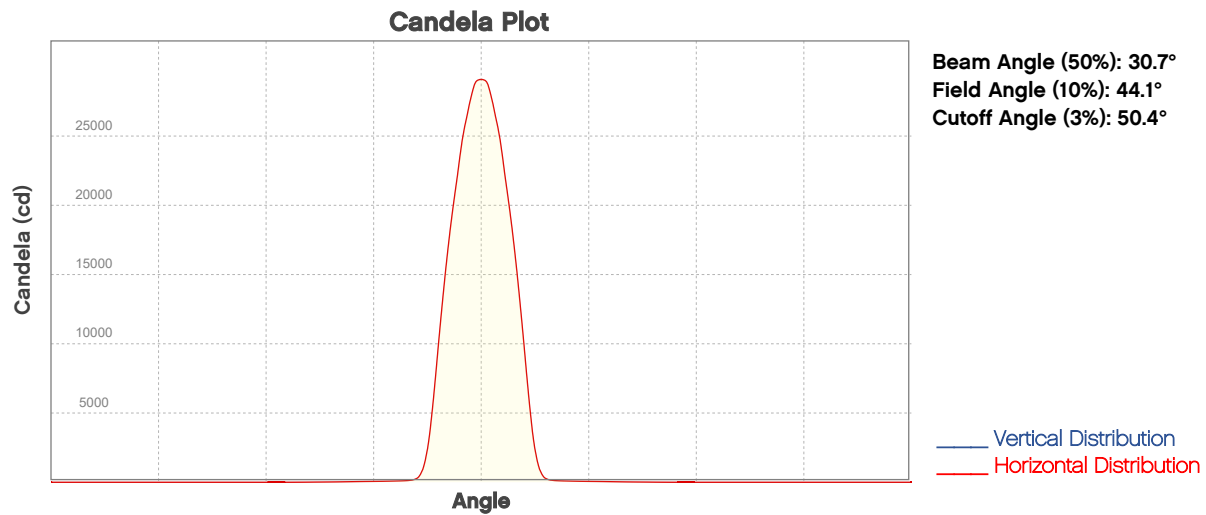


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28973	7243	3219	1811	1159	805	591	453	358	290
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	239	201	171	148	129	113	100	89	80	72
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2692	673	299	168	108	75	55	42	33	27
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	22	19	16	14	12	11	9	8	7	7

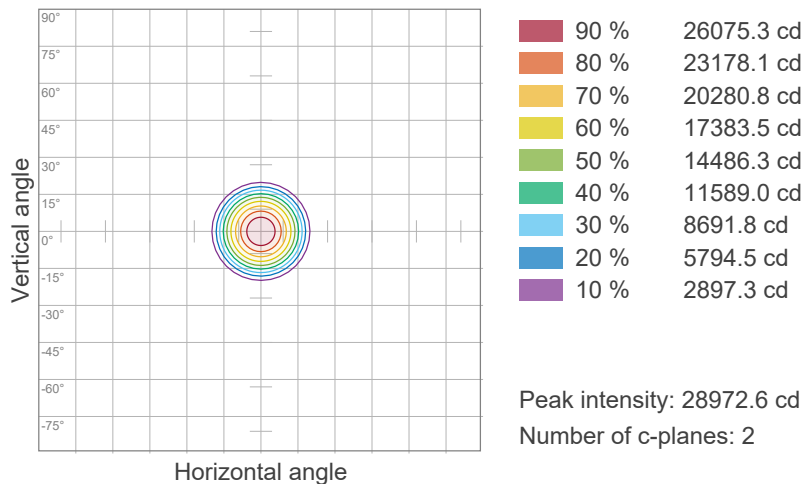
Photometric & Chromaticity Report

Ovation Rêve F-3 IP: 50% Zoom - Mint Only

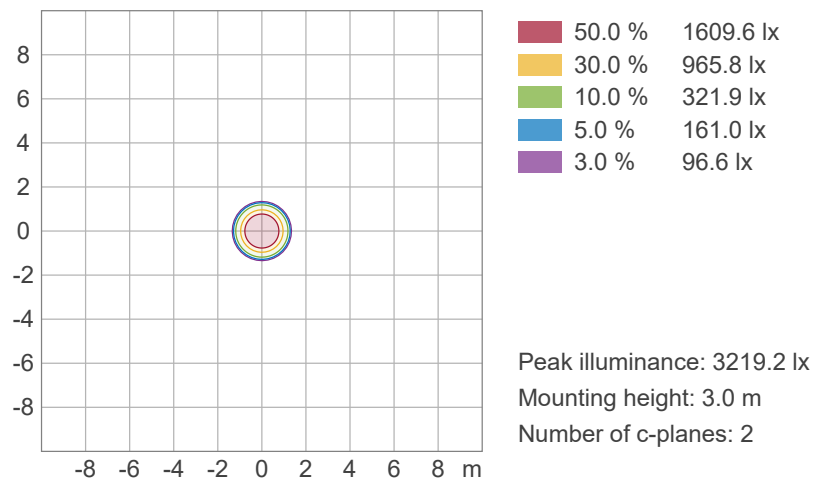


ISO Diagrams

ISO Candela Diagram



ISO Lux Diagram



Photometric & Chromaticity Report

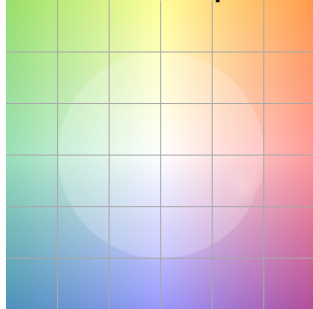
Ovation Rêve F-3 IP: 50% Zoom - Mint Only

TM-30 Details

Rf 0.0
Fidelity Index
(Rg)

Rg 0.0
Gammut Index
(Rg)

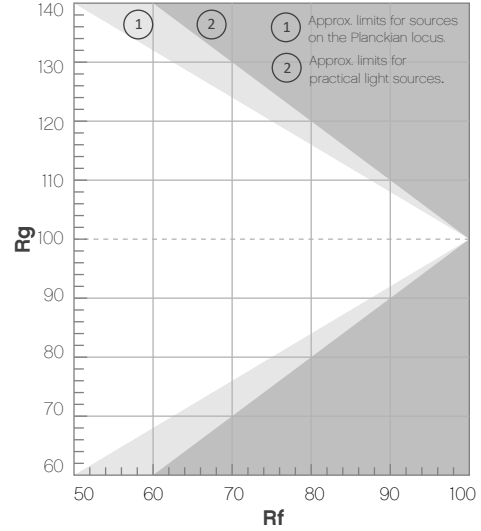
Color Vector Graphic



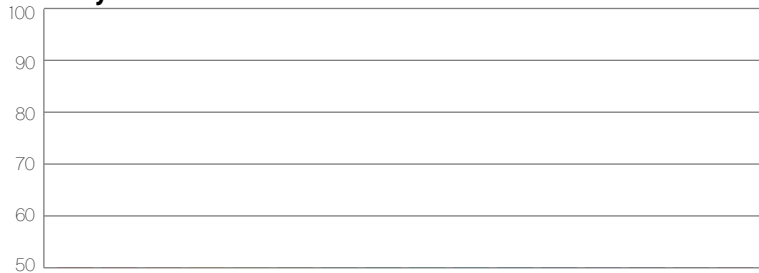
Color Distortion Graphic



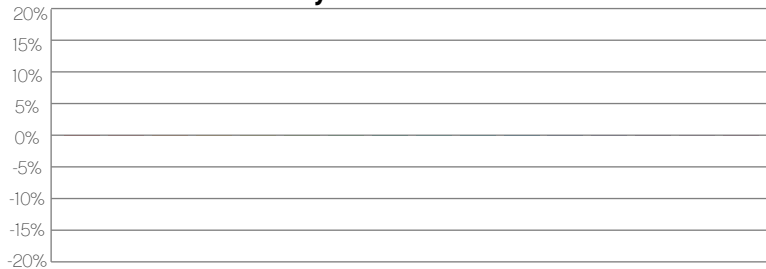
Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



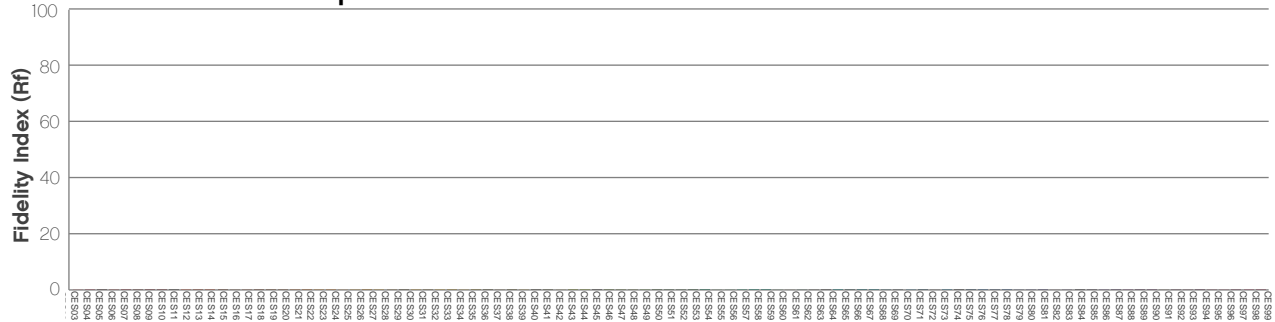
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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.

