OVATION

R Ê V E F 2

PHOTOMETRICS REPORT



CHAUVET 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

RÊVE F2

Photometrics & Chromaticity Reports

CHAUVET PROFESSIONAL

Photometric & Chromaticity Report

Ovation Rêve F2: Full Spot - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 9027 lm
Fixture Peak: 217132 cd
Fixture Efficacy: 27 lm/W
Intensity @ 5m: 8685 lux
Color Temperature: 6084 K
CRI: 93.7 CRI R9 Value: 85.6
CQS: 94.5
TLCI: 95
TM-30 Rf: 91.7
TM-30 Rg: 100.2
Beam Angle (50%): 10.5°
Field Angle (10%): 17.5°
Cutoff Angle (3%): 22.8°

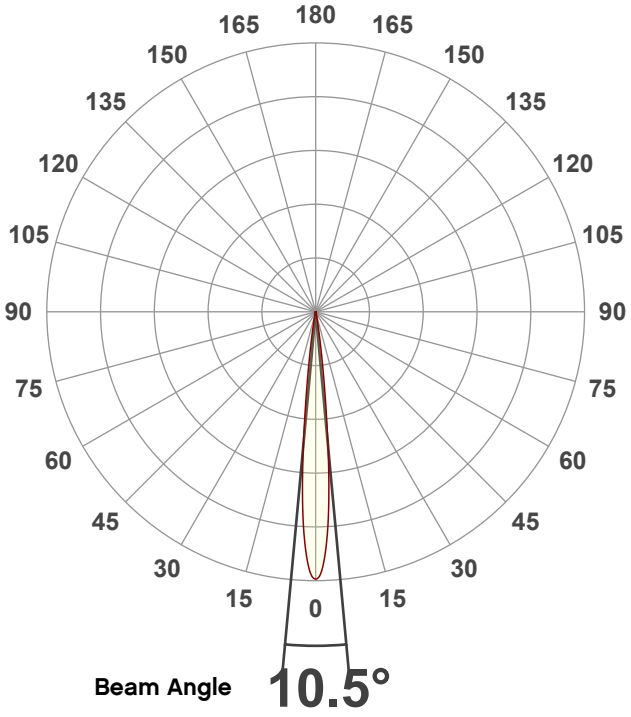
Conditions

AC Supply: 115 V, 60 Hz
Power: 338.66 W
Current: 2.96 A
Power Factor: 1.0

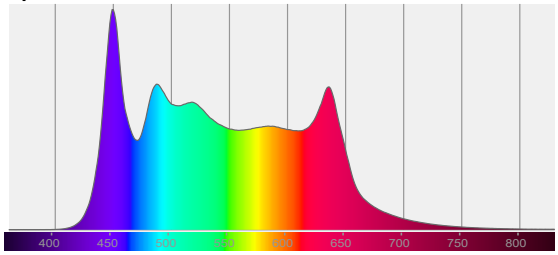
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/30/2026 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.320
Y: 0.336

Light Quality

CRI: 93.7

Color Temperature

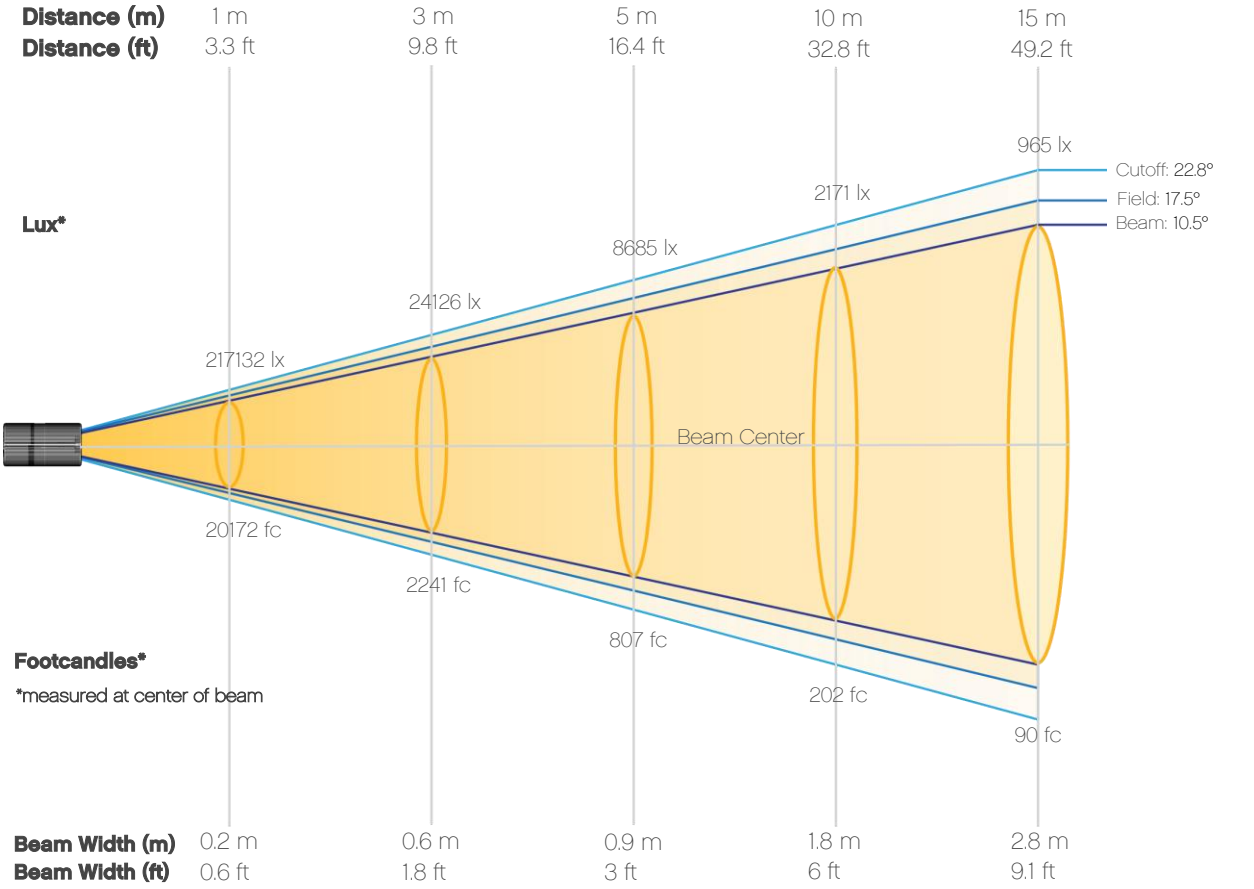
6084 K

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Photometric & Chromaticity Report

Ovation Rêve F2: Full Spot - Full Power - Fan set to Full

Beam Details



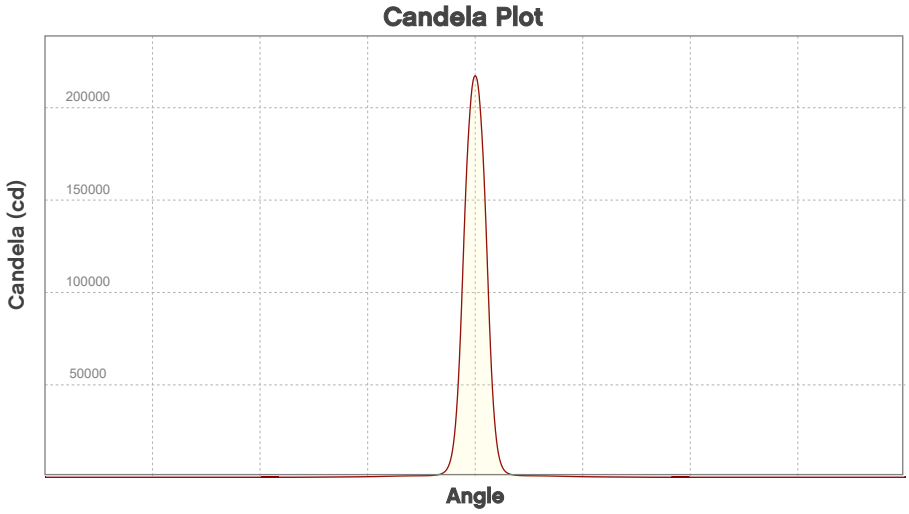
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	217132	54283	24126	13571	8685	6031	4431	3393	2681	2171
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1794	1508	1285	1108	965	848	751	670	601	543
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	20172	5043	2241	1261	807	560	412	315	249	202
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	167	140	119	103	90	79	70	62	56	50

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Photometric & Chromaticity Report

Ovation Rêve F2: Full Spot - Full Power - Fan set to Full

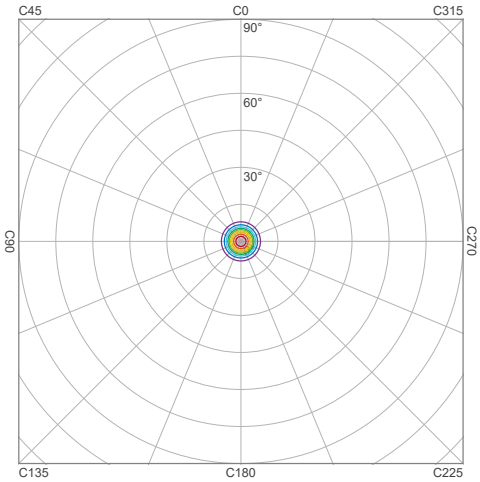


Beam Angle (50%): 10.5°
Field Angle (10%): 17.5°
Cutoff Angle (3%): 22.8°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

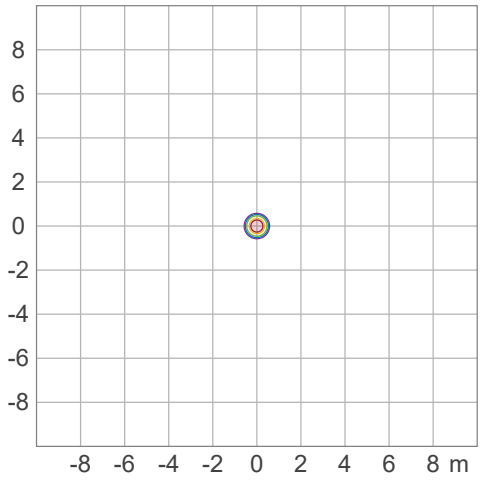
ISO Candela Diagram



90 %	195418.6 cd
80 %	173705.4 cd
70 %	151992.2 cd
60 %	130279.1 cd
50 %	108565.9 cd
40 %	86852.7 cd
30 %	65139.5 cd
20 %	43426.4 cd
10 %	21713.2 cd

Peak intensity: 217131.8 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	12063 lx
30.0 %	7238 lx
10.0 %	2413 lx
5.0 %	1206 lx
3.0 %	724 lx

Peak illuminance: 24126 lx
Mounting height: 3 m
Number of c-planes: 2

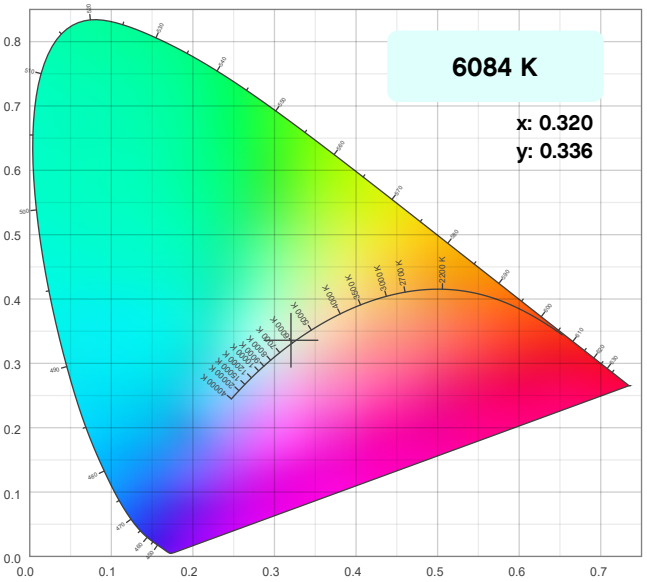
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Photometric & Chromaticity Report

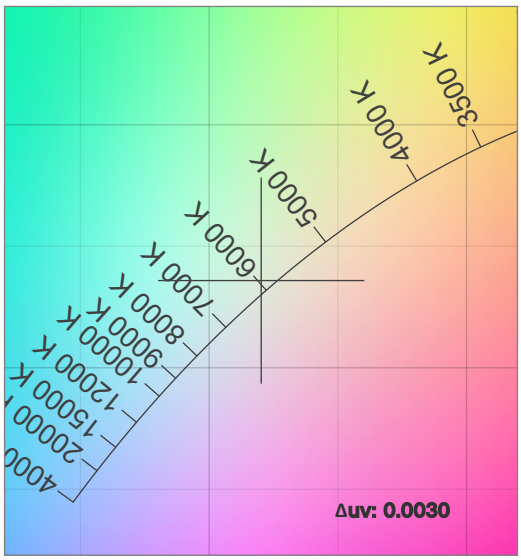
Ovation Rêve F2: Full Spot - Full Power - Fan set to Full

Chromaticity

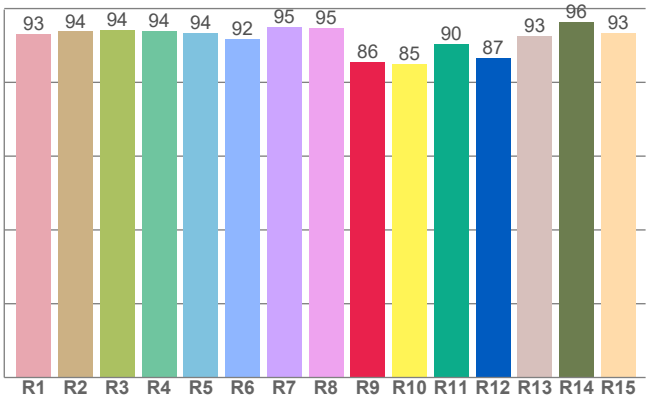
CIE 1931



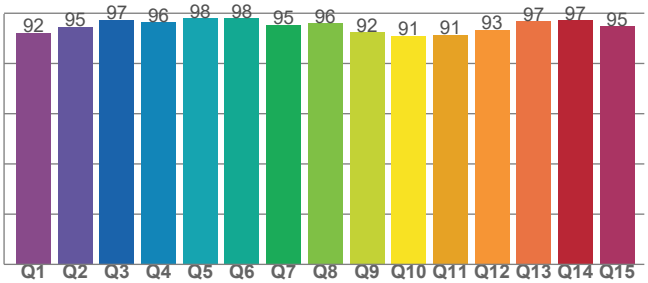
CIE 1931 - Zoom



CRI: 93.7 (R1-R8)



CQS: 94.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6084 K	0.320	0.336

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0030	0.336	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.7	85.6	94.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	91.7	100.2

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Photometric & Chromaticity Report

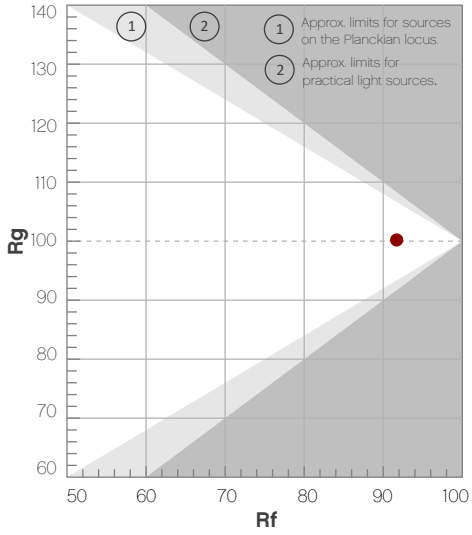
Ovation Rêve F2: Full Spot - Full Power - Fan set to Full

TM-30 Details

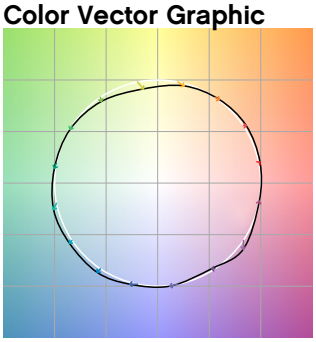
Rf 91.7
Fidelity Index
(Rg)

Rg 100.2
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	1%	1%
2	95	2%	-1%
3	92	1%	-5%
4	88	-3%	-7%
5	87	-8%	-4%
6	94	-4%	2%
7	94	0%	4%
8	91	1%	5%
9	92	4%	5%
10	94	4%	1%
11	92	5%	-1%
12	89	1%	-8%
13	90	0%	-8%
14	93	-2%	-3%
15	87	5%	-7%
16	96	0%	2%



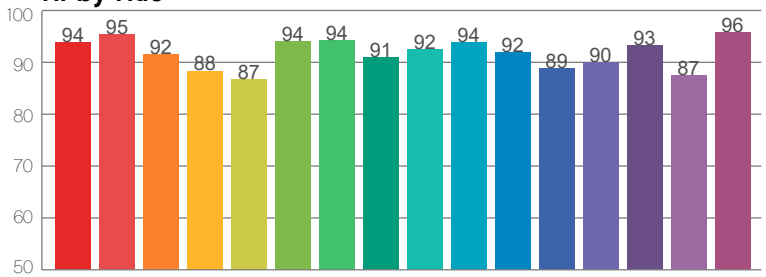
Color Vector Graphic



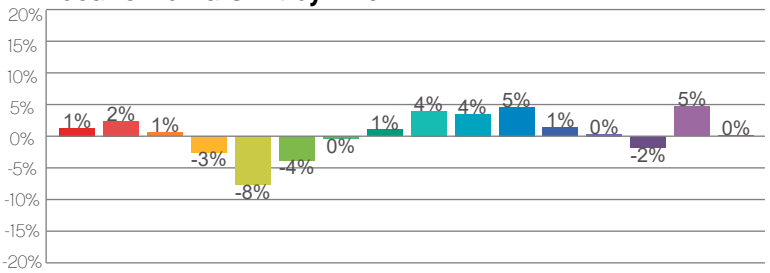
Color Distortion Graphic



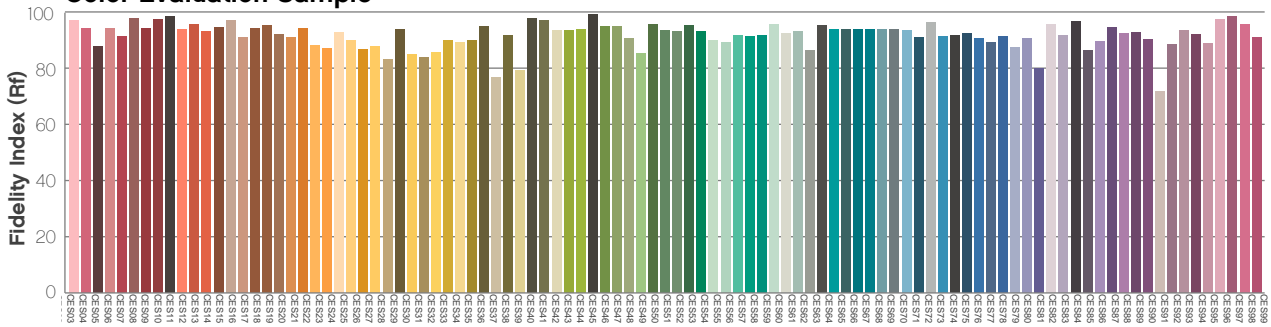
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 14865 lm
Fixture Peak: 45216 cd
Fixture Efficacy: 44 lm/W
Intensity @ 5m: 1809 lux
Color Temperature: 6031 K
CRI: 93.5 CRI R9 Value: 83.1
CQS: 94.5
TLCI: 95
TM-30 Rf: 91.7
TM-30 Rg: 100.4
Beam Angle (50%): 35.5°
Field Angle (10%): 47.5°
Cutoff Angle (3%): 55.1°

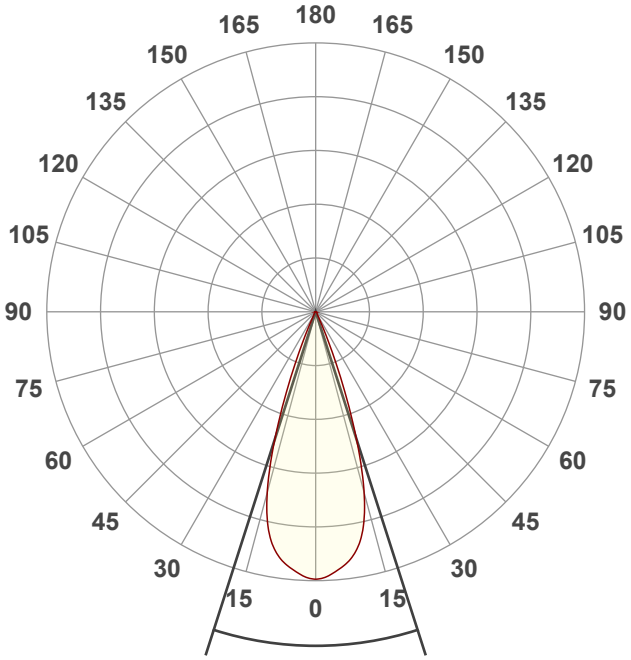
Conditions

AC Supply: 115 V, 60 Hz
Power: 338.1 W
Current: 2.95 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 7/30/2026 to LM-63-2002 Standards.

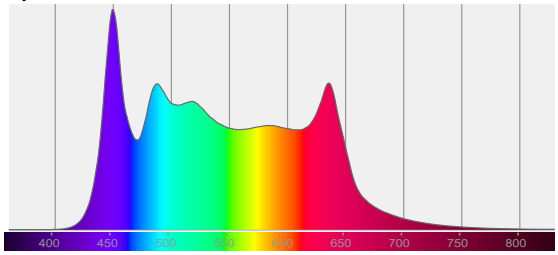
Overall Measurement

Angular Beam Distribution



Beam Angle 35.5°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.321
Y: 0.336

Light Quality

CRI: 93.5

Color Temperature

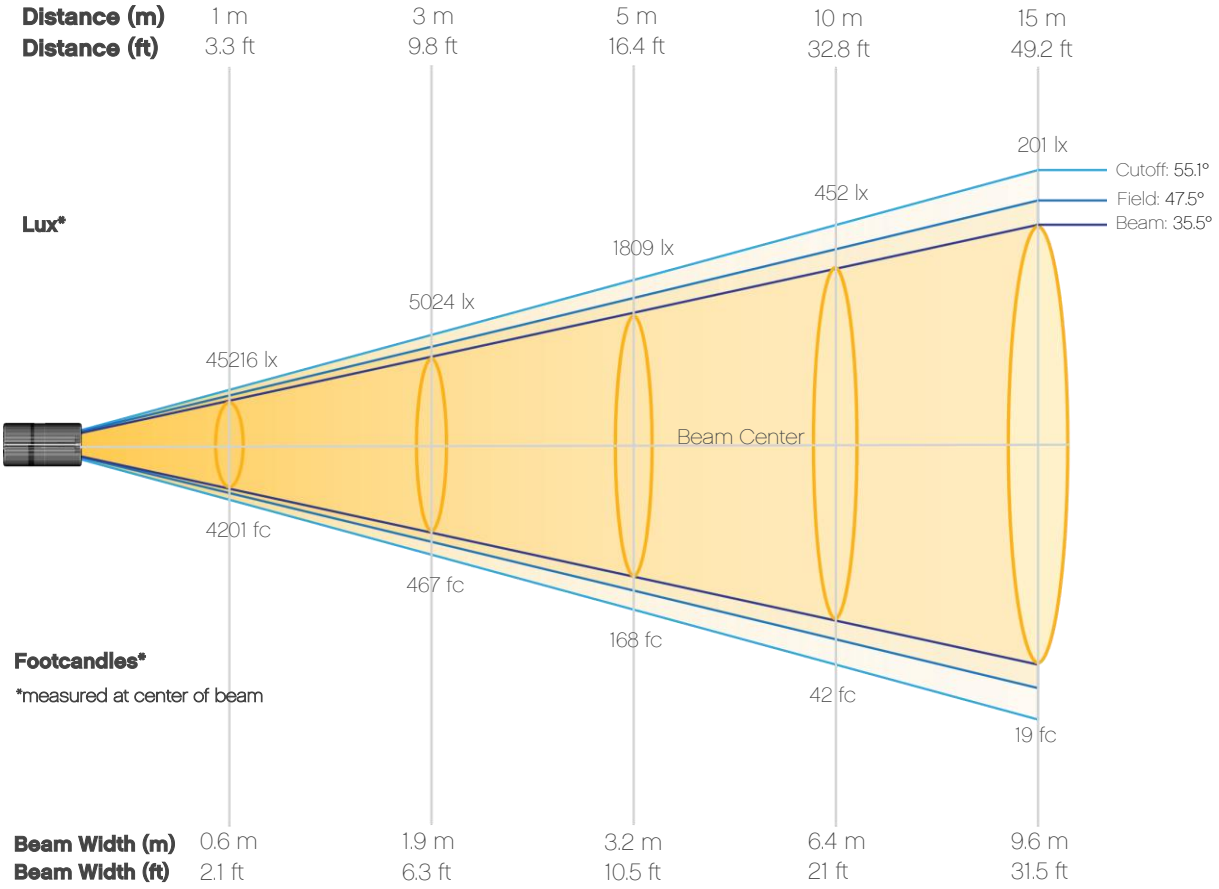
6031 K

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - Full Power - Fan set to Full

Beam Details



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

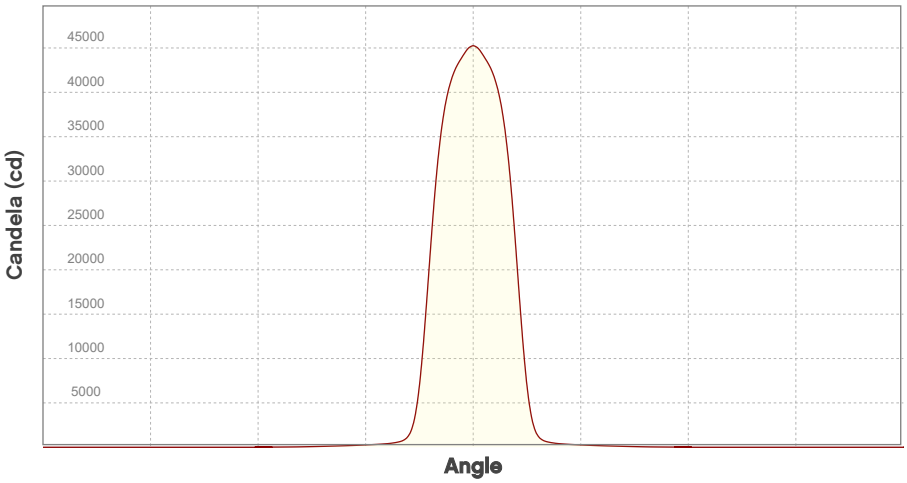
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	45216	11304	5024	2826	1809	1256	923	706	558	452
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	374	314	268	231	201	177	156	140	125	113
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4201	1050	467	263	168	117	86	66	52	42
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	35	29	25	21	19	16	15	13	12	11

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - Full Power - Fan set to Full

Candela Plot

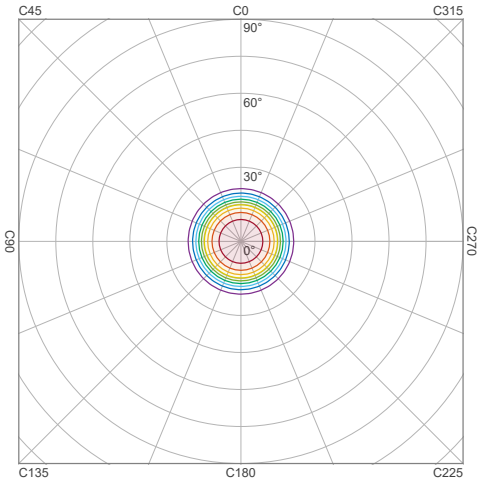


Beam Angle (50%): 35.5°
Field Angle (10%): 47.5°
Cutoff Angle (3%): 55.1°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

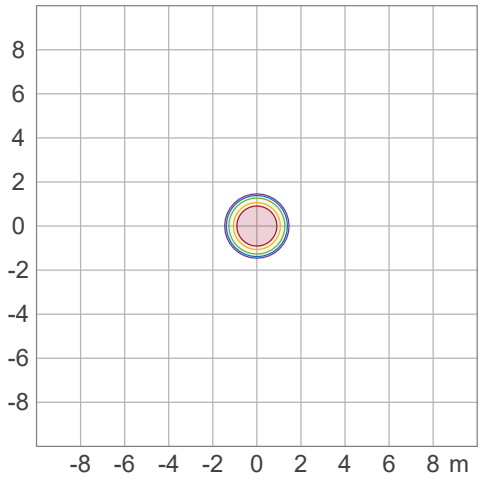
ISO Candela Diagram



90 %	40694.4 cd
80 %	36172.8 cd
70 %	31651.2 cd
60 %	27129.6 cd
50 %	22608.0 cd
40 %	18086.4 cd
30 %	13564.8 cd
20 %	9043.2 cd
10 %	4521.6 cd

Peak intensity: 45216.0 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	2512 lx
30.0 %	1507 lx
10.0 %	502 lx
5.0 %	251 lx
3.0 %	151 lx

Peak illuminance: 5024 lx
Mounting height: 3 m
Number of c-planes: 2

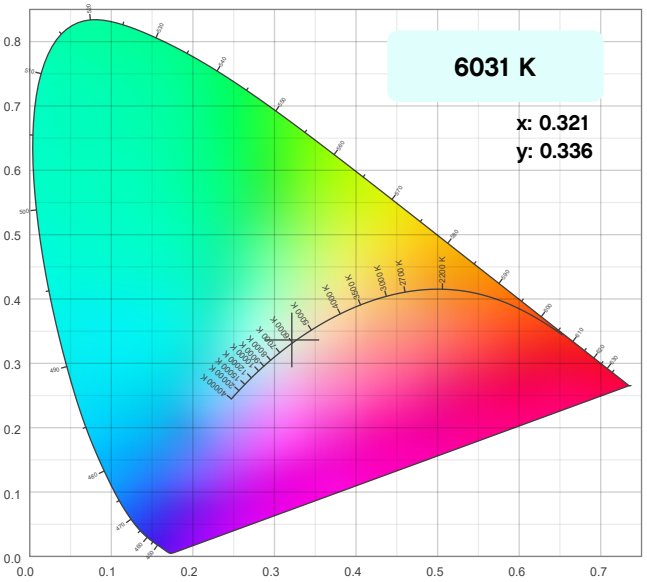
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Photometric & Chromaticity Report

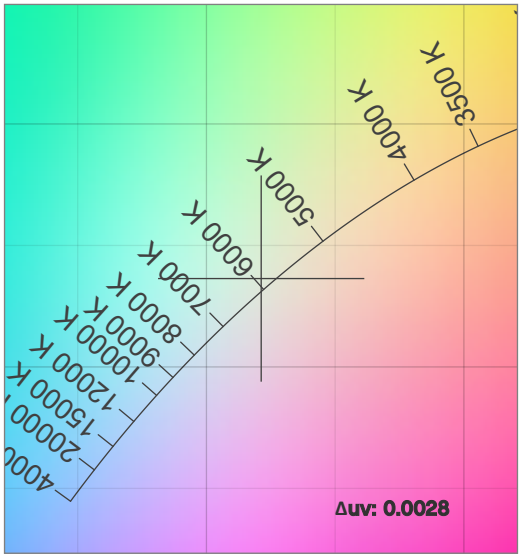
Ovation Rêve F2: 50% Zoom - Full Power - Fan set to Full

Chromaticity

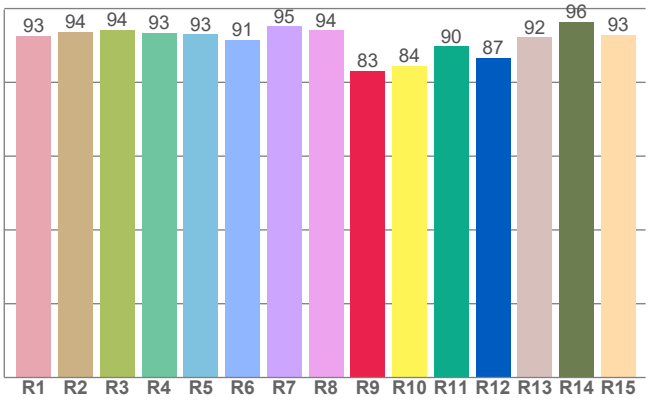
CIE 1931



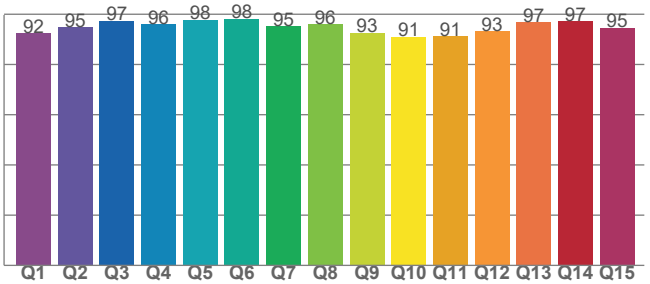
CIE 1931 - Zoom



CRI: 93.5 (R1-R8)



CQS: 94.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6031 K	0.321	0.336

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0028	0.336	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
93.5	83.1	94.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	91.7	100.4

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Photometric & Chromaticity Report

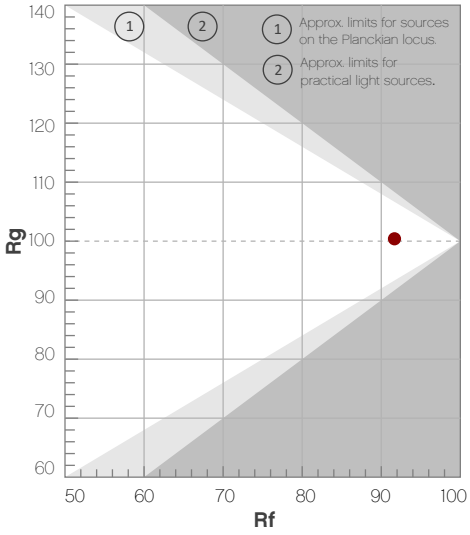
Ovation Rêve F2: 50% Zoom - Full Power - Fan set to Full

TM-30 Details

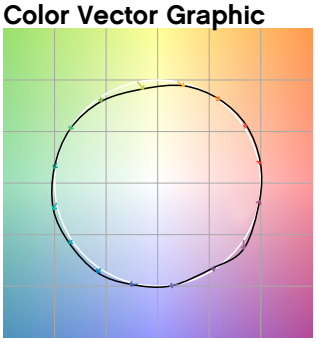
Rf 91.7
Fidelity Index
(Rg)

Rg 100.4
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	2%	1%
2	95	3%	-1%
3	91	1%	-5%
4	88	-3%	-7%
5	87	-8%	-4%
6	94	-4%	2%
7	94	0%	4%
8	91	1%	5%
9	92	4%	5%
10	94	4%	1%
11	92	5%	-1%
12	89	1%	-7%
13	90	0%	-8%
14	93	-2%	-2%
15	88	5%	-7%
16	96	0%	2%



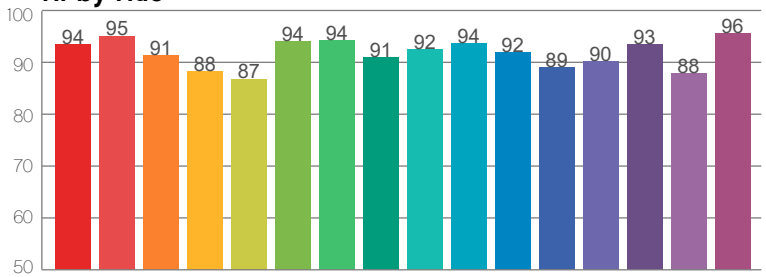
Color Vector Graphic



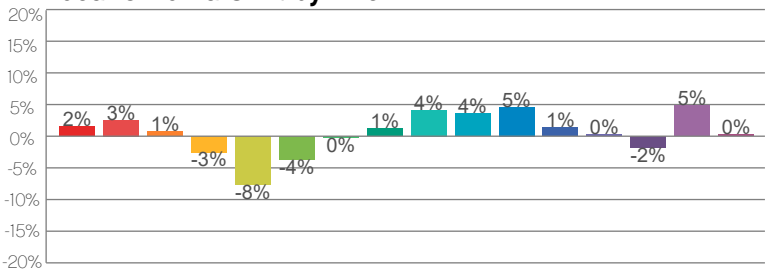
Color Distortion Graphic



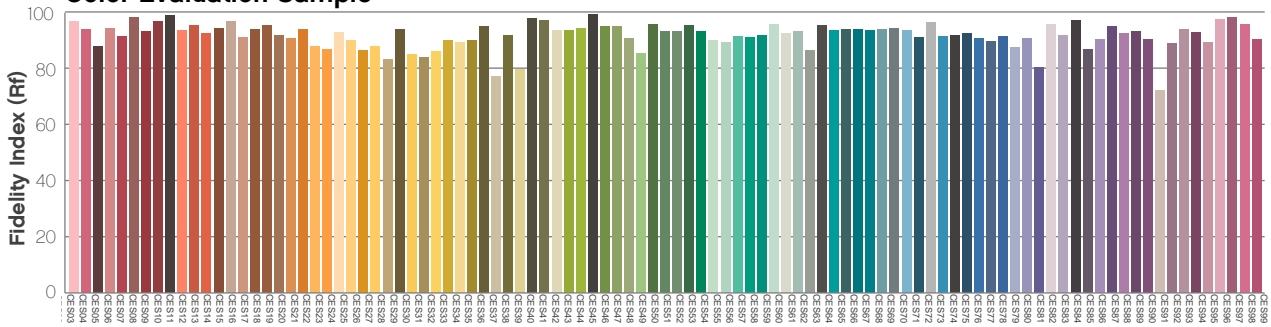
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve F2: Full Flood - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 18738 lm
Fixture Peak: 13523 cd
Fixture Efficacy: 56 lm/W
Intensity @ 5m: 541 lux
Color Temperature: 5965 K
CRI: 92.8 CRI R9 Value: 79.1
CQS: 94.5
TLCI: 95
TM-30 Rf: 91.6
TM-30 Rg: 100.8
Beam Angle (50%): 74.8°
Field Angle (10%): 104.8°
Cutoff Angle (3%): 118.9°

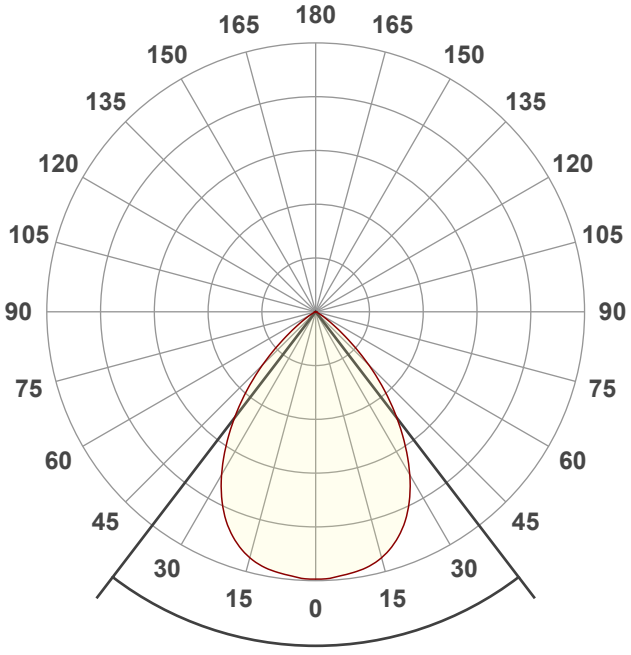
Conditions

AC Supply: 115 V, 60 Hz
Power: 337.32 W
Current: 2.94 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 7/30/2026 to LM-63-2002 Standards.

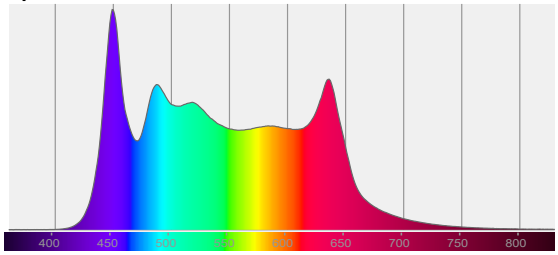
Overall Measurement

Angular Beam Distribution



Beam Angle 74.8°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.323
Y: 0.336

Light Quality

CRI: 92.8

Color Temperature

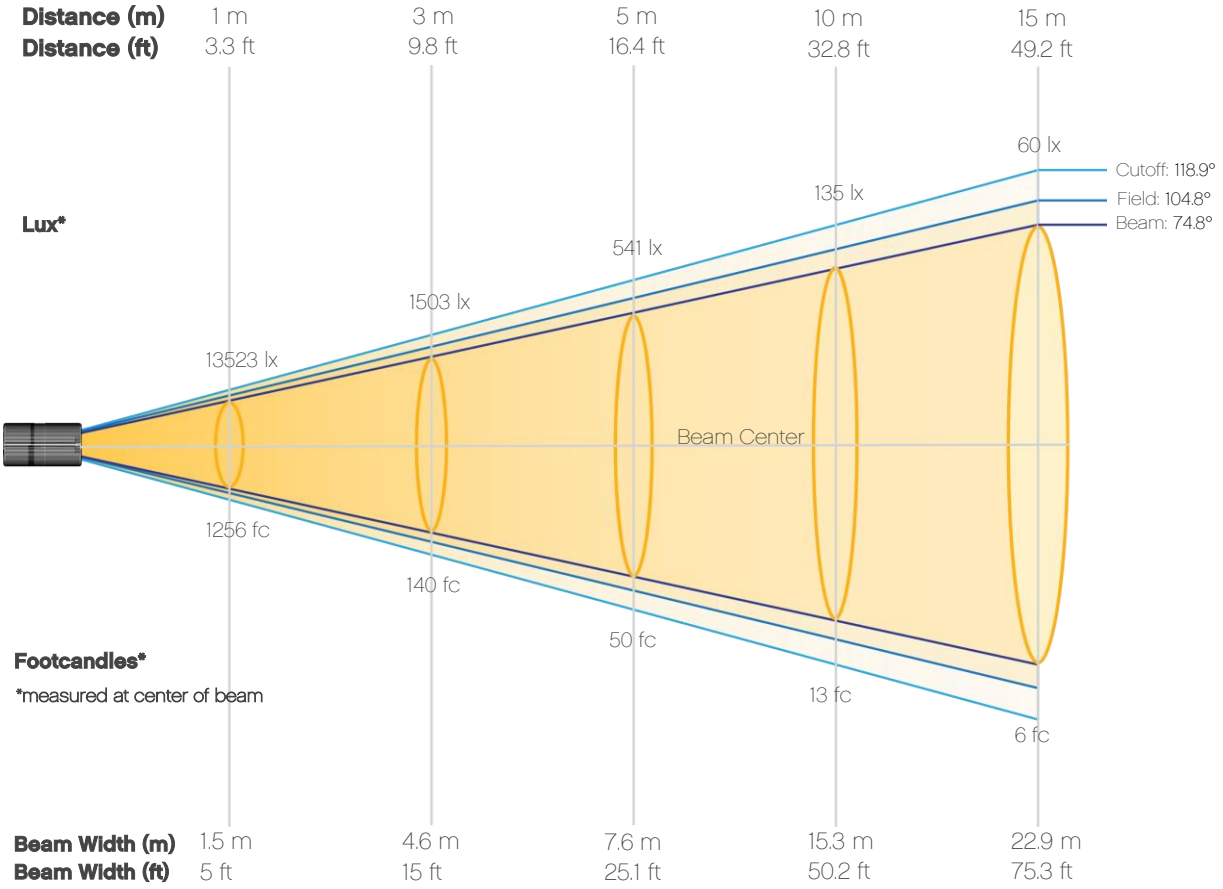
5965 K

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Photometric & Chromaticity Report

Ovation Rêve F2: Full Flood - Full Power - Fan set to Full

Beam Details



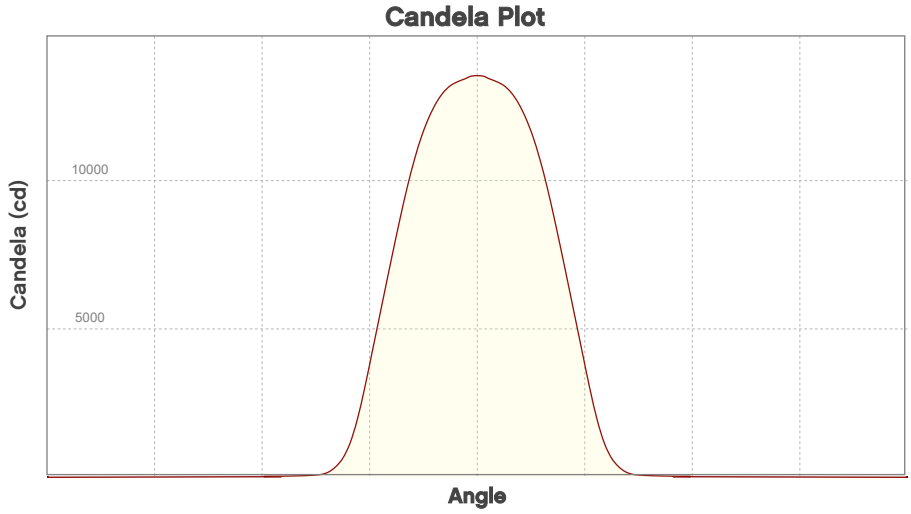
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13523	3381	1503	845	541	376	276	211	167	135
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	112	94	80	69	60	53	47	42	37	34
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1256	314	140	79	50	35	26	20	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	9	7	6	6	5	4	4	3	3

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Photometric & Chromaticity Report

Ovation Rêve F2: Full Flood - Full Power - Fan set to Full

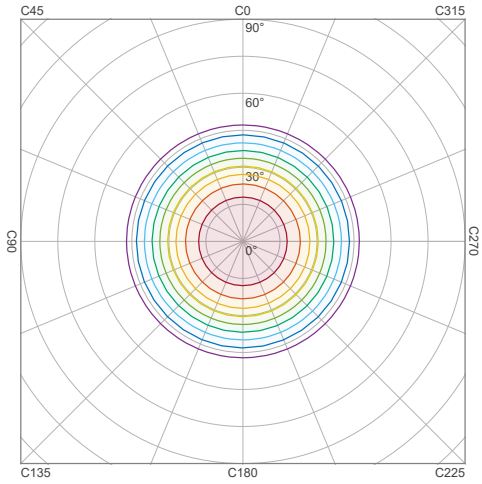


Beam Angle (50%): 74.8°
Field Angle (10%): 104.8°
Cutoff Angle (3%): 118.9°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

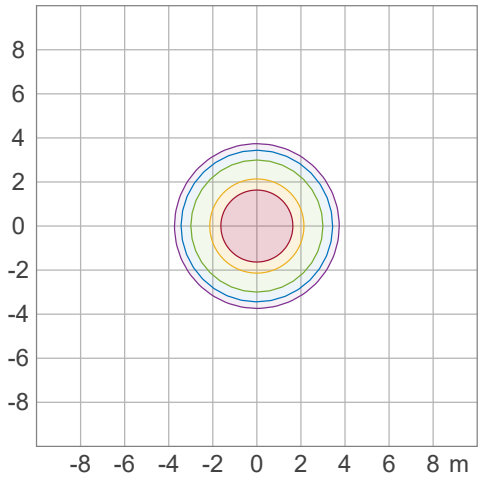
ISO Candela Diagram



90 %	12170.9 cd
80 %	10818.6 cd
70 %	9466.2 cd
60 %	8113.9 cd
50 %	6761.6 cd
40 %	5409.3 cd
30 %	4057.0 cd
20 %	2704.6 cd
10 %	1352.3 cd

Peak intensity: 13523.2 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	751 lx
30.0 %	451 lx
10.0 %	150 lx
5.0 %	75.1 lx
3.0 %	45.1 lx

Peak illuminance: 1503 lx
Mounting height: 3 m
Number of c-planes: 2

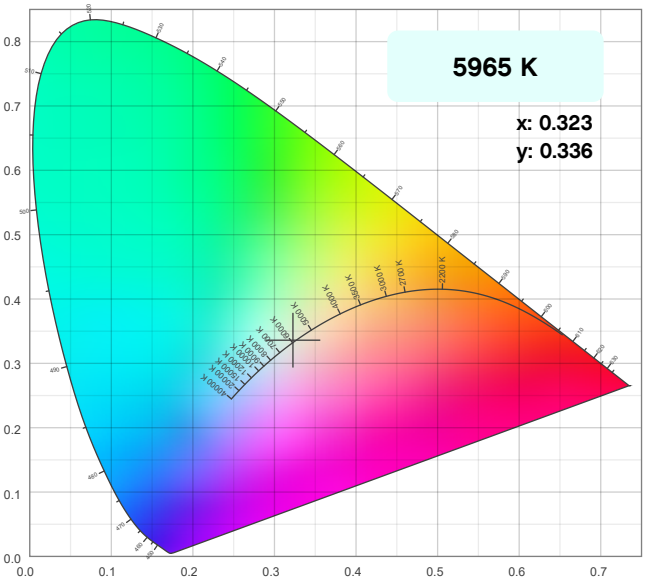
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Photometric & Chromaticity Report

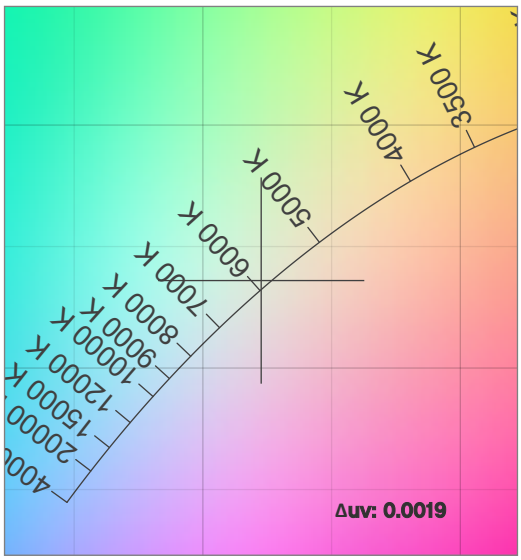
Ovation Rêve F2: Full Flood - Full Power - Fan set to Full

Chromaticity

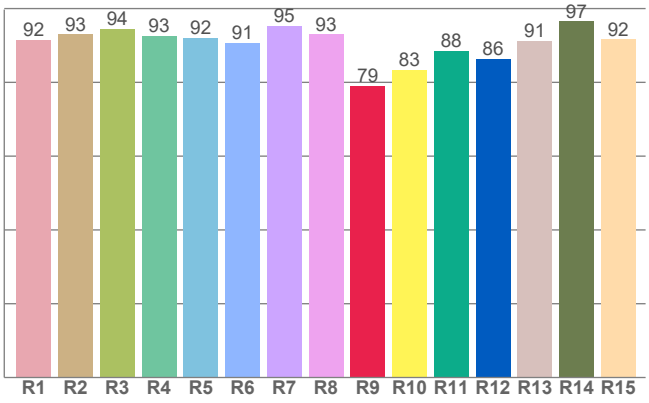
CIE 1931



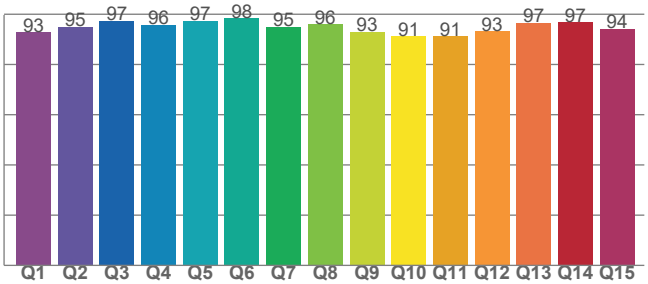
CIE 1931 - Zoom



CRI: 92.8 (R1-R8)



CQS: 94.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5965 K	0.323	0.336

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.336	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.8	79.1	94.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	91.6	100.8

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Photometric & Chromaticity Report

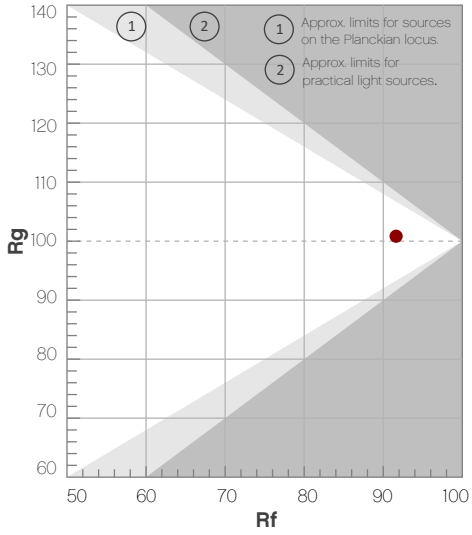
Ovation Rêve F2: Full Flood - Full Power - Fan set to Full

TM-30 Details

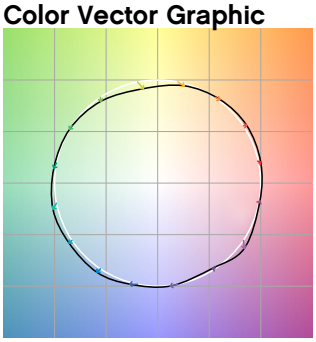
Rf 91.6
Fidelity Index
(Rg)

Rg 100.8
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	93	2%	1%
2	95	3%	-1%
3	91	1%	-5%
4	88	-2%	-7%
5	87	-7%	-4%
6	94	-3%	2%
7	94	0%	4%
8	91	2%	5%
9	92	5%	5%
10	94	4%	1%
11	92	5%	-1%
12	89	1%	-7%
13	90	0%	-7%
14	94	-2%	-2%
15	88	5%	-6%
16	95	1%	2%



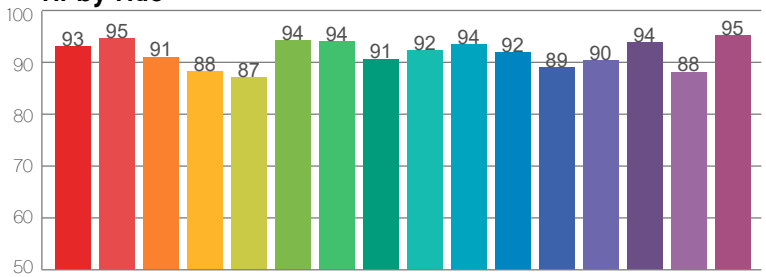
Color Vector Graphic



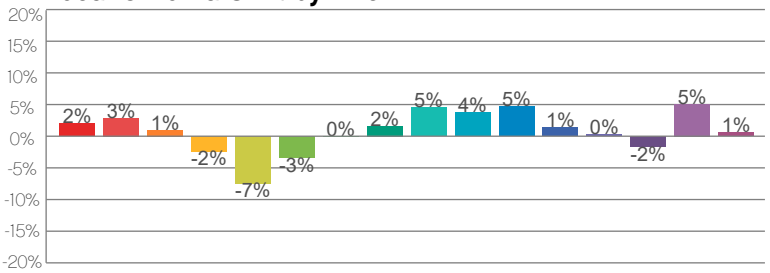
Color Distortion Graphic



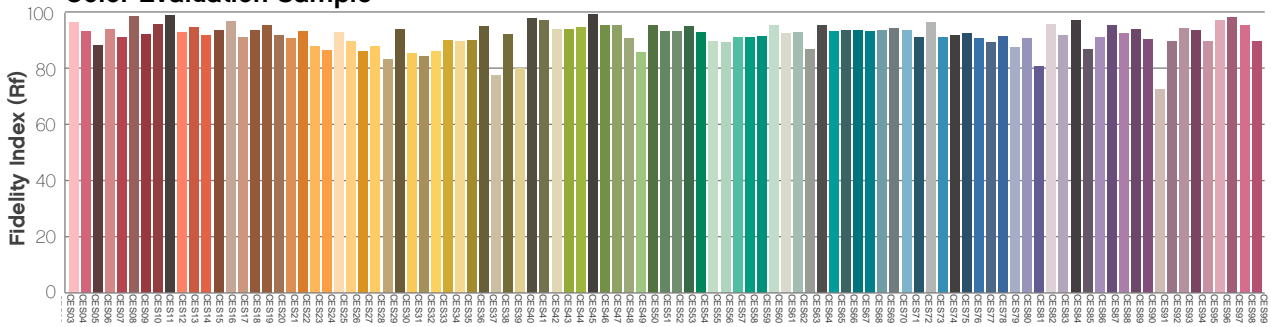
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 3200K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 7677 lm
Fixture Peak: 23515 cd
Fixture Efficacy: 45 lm/W
Intensity @ 5m: 941 lux
Color Temperature: 3126 K
CRI: 94.5 CRI R9 Value: 82.7
CQS: 95.1
TLCI: 92
TM-30 Rf: 94.8
TM-30 Rg: 103.7
Beam Angle (50%): 35.4°
Field Angle (10%): 47.3°
Cutoff Angle (3%): 55°

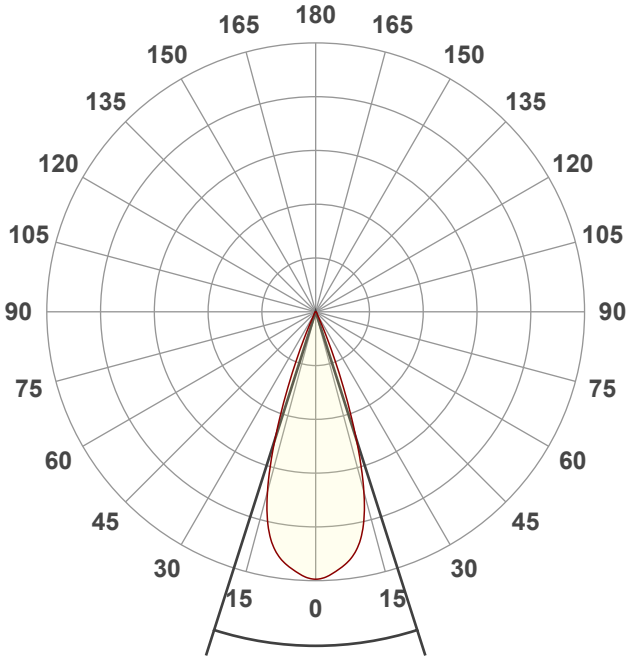
Conditions

AC Supply: 117 V, 60 Hz
Power: 169.43 W
Current: 1.45 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 7/31/2026 to LM-63-2002 Standards.

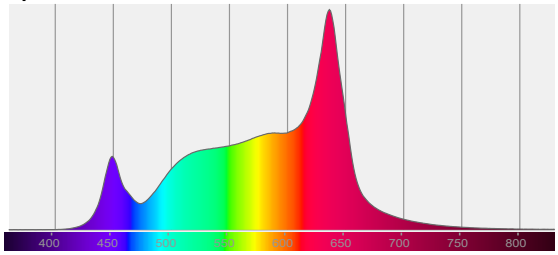
Overall Measurement

Angular Beam Distribution



Beam Angle 35.4°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.429
Y: 0.402

Light Quality

CRI: 94.5

Color Temperature

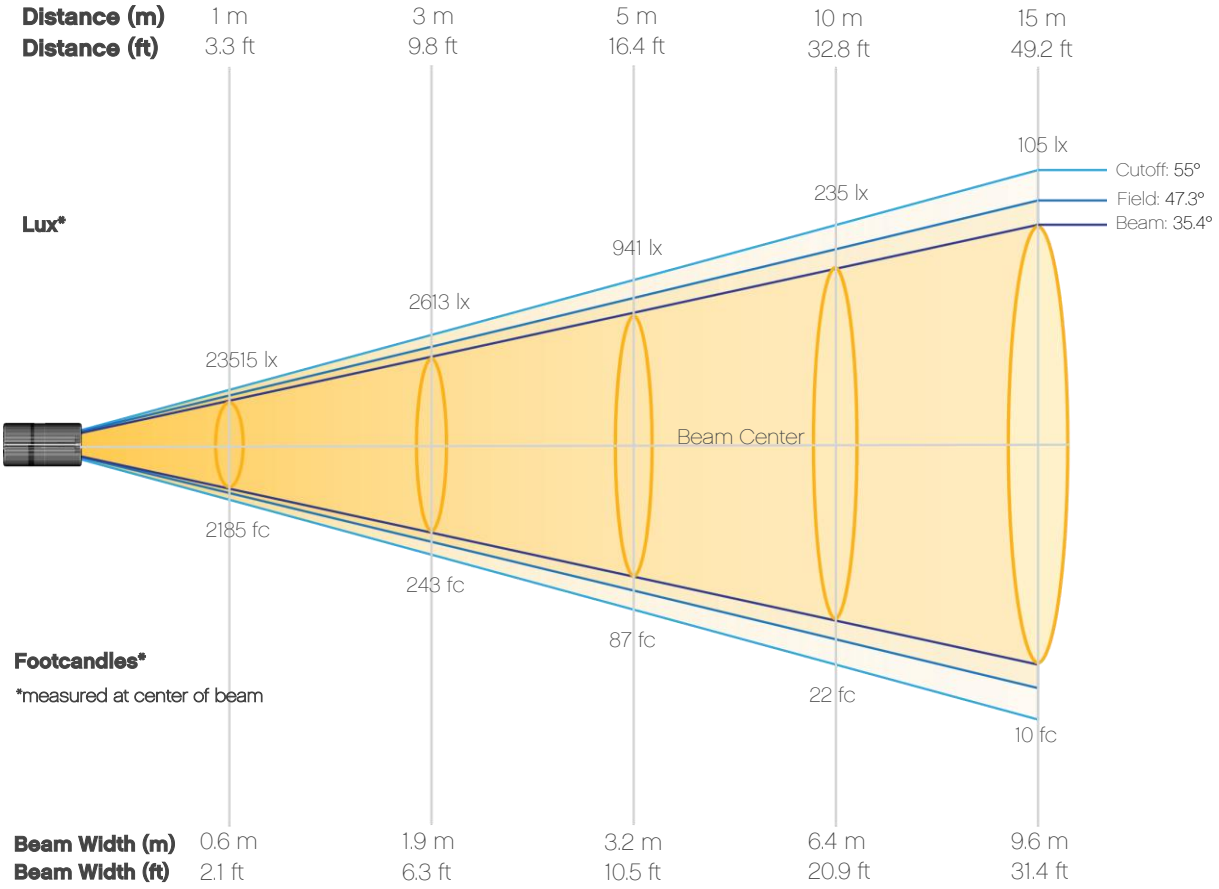
3126 K

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 3200K - Fan set to Auto

Beam Details



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

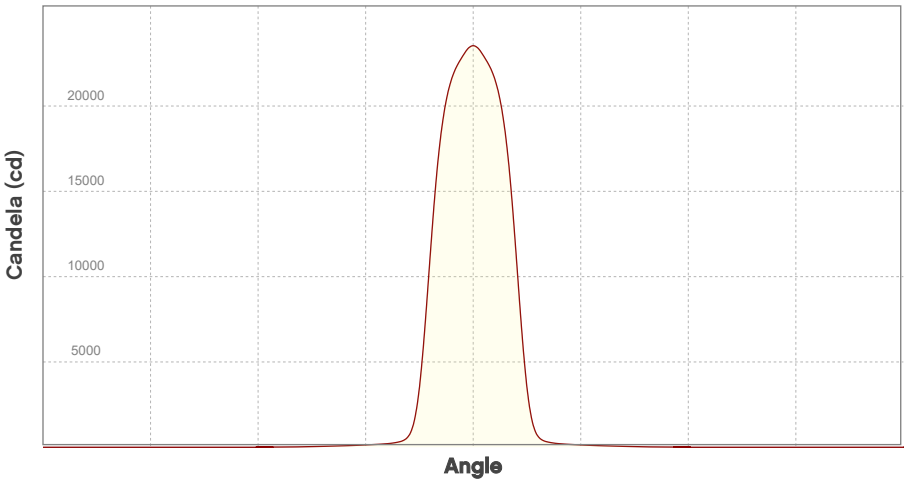
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	23515	5879	2613	1470	941	653	480	367	290	235
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	194	163	139	120	105	92	81	73	65	59
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2185	546	243	137	87	61	45	34	27	22
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	18	15	13	11	10	9	8	7	6	5

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 3200K - Fan set to Auto

Candela Plot

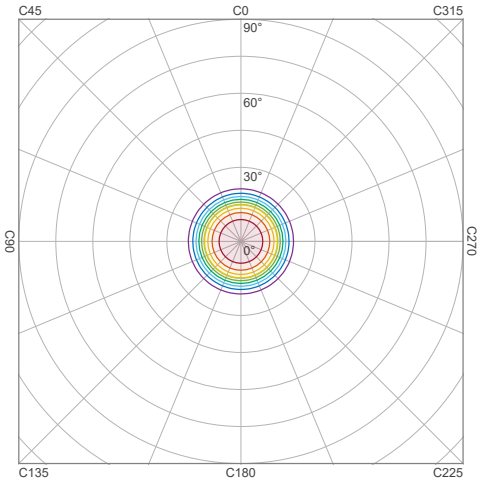


Beam Angle (50%): 35.4°
Field Angle (10%): 47.3°
Cutoff Angle (3%): 55°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

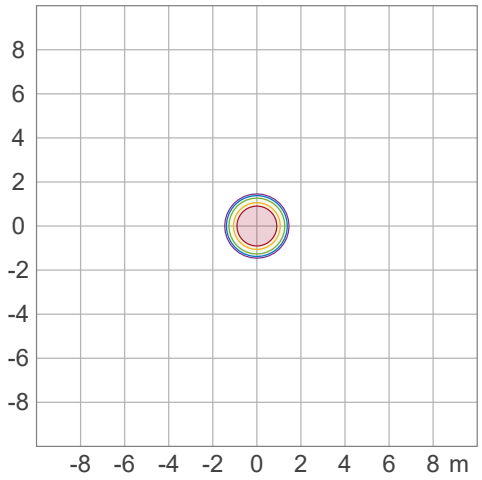
ISO Candela Diagram



90 %	21163.8 cd
80 %	18812.3 cd
70 %	16460.8 cd
60 %	14109.2 cd
50 %	11757.7 cd
40 %	9406.1 cd
30 %	7054.6 cd
20 %	4703.1 cd
10 %	2351.5 cd

Peak intensity: 23515.4 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	1306 lx
30.0 %	784 lx
10.0 %	261 lx
5.0 %	131 lx
3.0 %	78.4 lx

Peak illuminance: 2613 lx
Mounting height: 3 m
Number of c-planes: 2

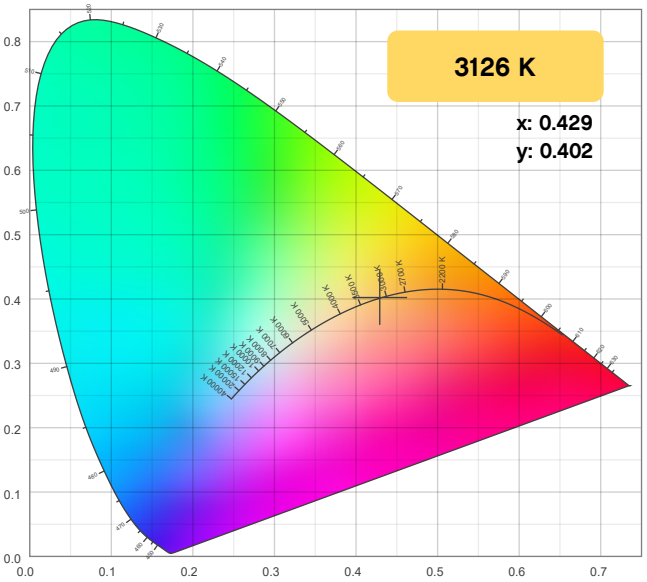
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Photometric & Chromaticity Report

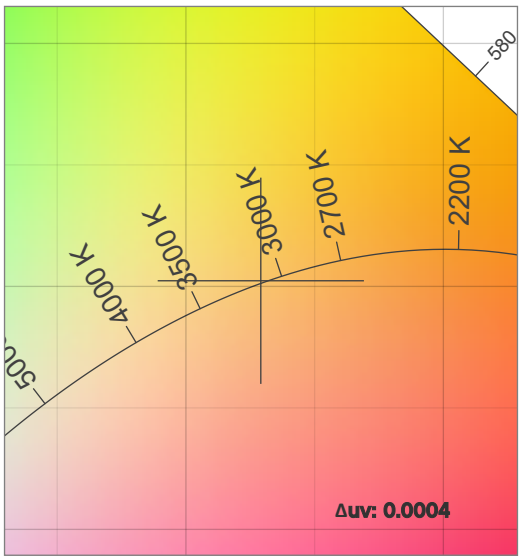
Ovation Rêve F2: 50% Zoom - 3200K - Fan set to Auto

Chromaticity

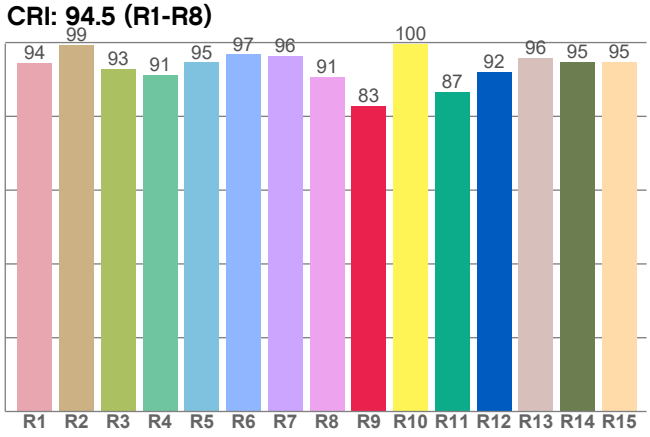
CIE 1931



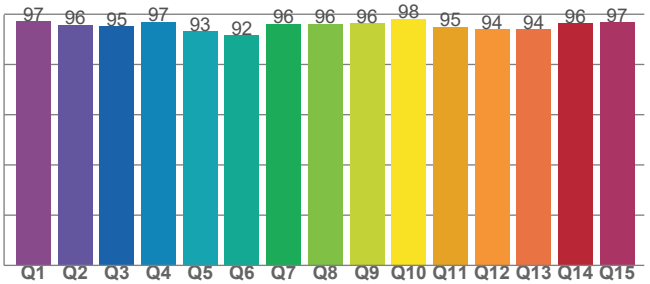
CIE 1931 - Zoom



CRI: 94.5 (R1-R8)



CQS: 95.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3126 K	0.429	0.402

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0004	0.402	0.246

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.5	82.7	95.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
92	94.8	103.7

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Photometric & Chromaticity Report

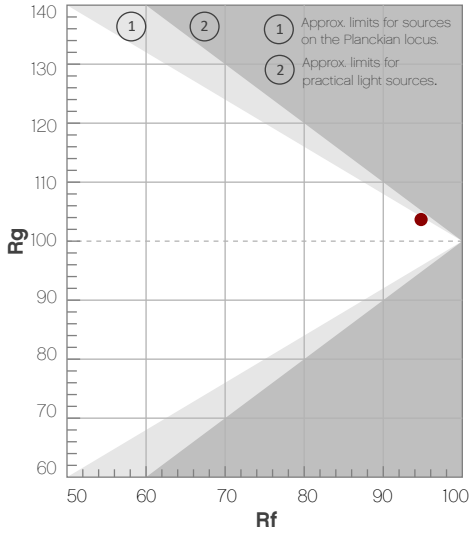
Ovation Rêve F2: 50% Zoom - 3200K - Fan set to Auto

TM-30 Details

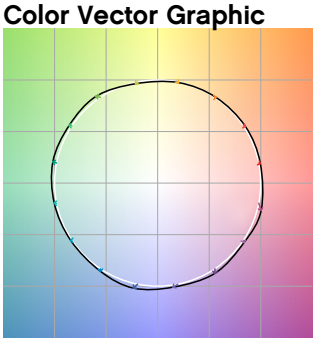
Rf 94.8
Fidelity Index (Rg)

Rg 103.7
Gammut Index (Rg)

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



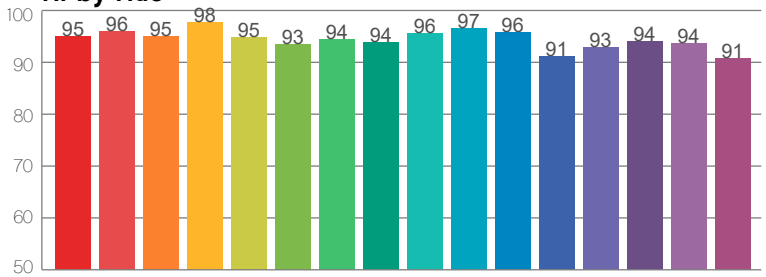
Color Vector Graphic



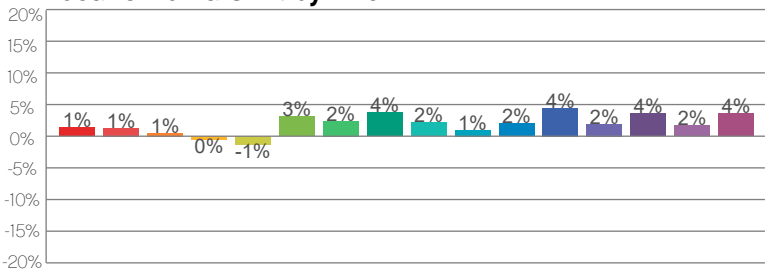
Color Distortion Graphic



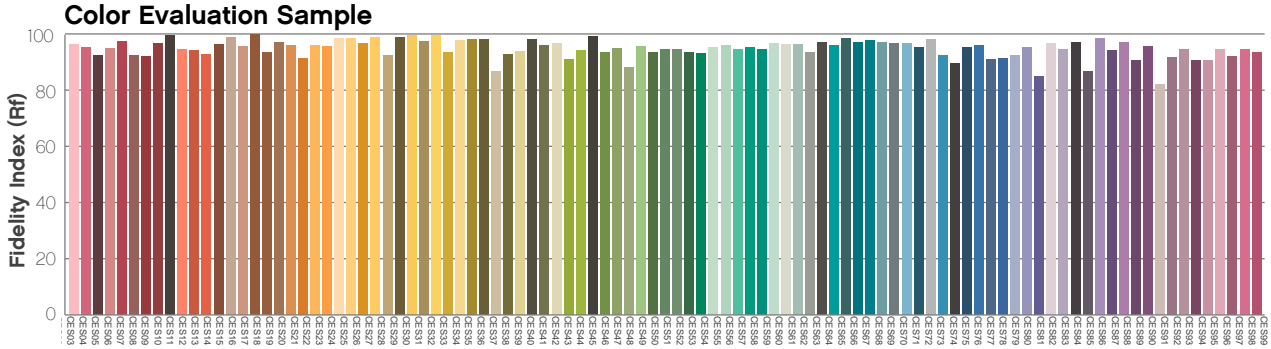
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 4000K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 10073 lm
Fixture Peak: 30710 cd
Fixture Efficacy: 77 lm/W
Intensity @ 5m: 1228 lux
Color Temperature: 3948 K
CRI: 96.6 CRI R9 Value: 86.2
CQS: 97.3
TLCI: 94
TM-30 Rf: 94.7
TM-30 Rg: 102.1
Beam Angle (50%): 35.4°
Field Angle (10%): 47.3°
Cutoff Angle (3%): 55°

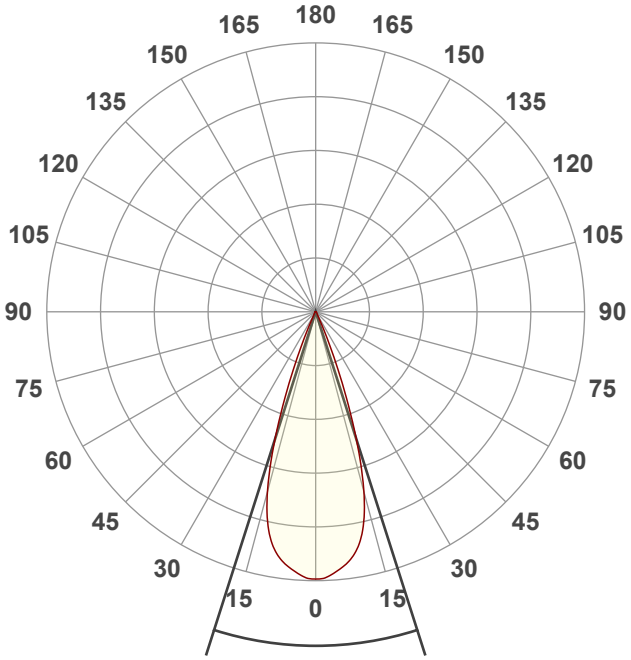
Conditions

AC Supply: 118 V, 60 Hz
Power: 200.39 W
Current: 1.70 A
Power Factor: 0.66

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 7/31/2026 to LM-63-2002 Standards.

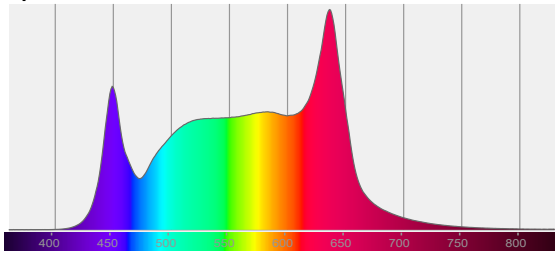
Overall Measurement

Angular Beam Distribution



Beam Angle 35.4°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.384
Y: 0.381

Light Quality

CRI: 96.6

Color Temperature

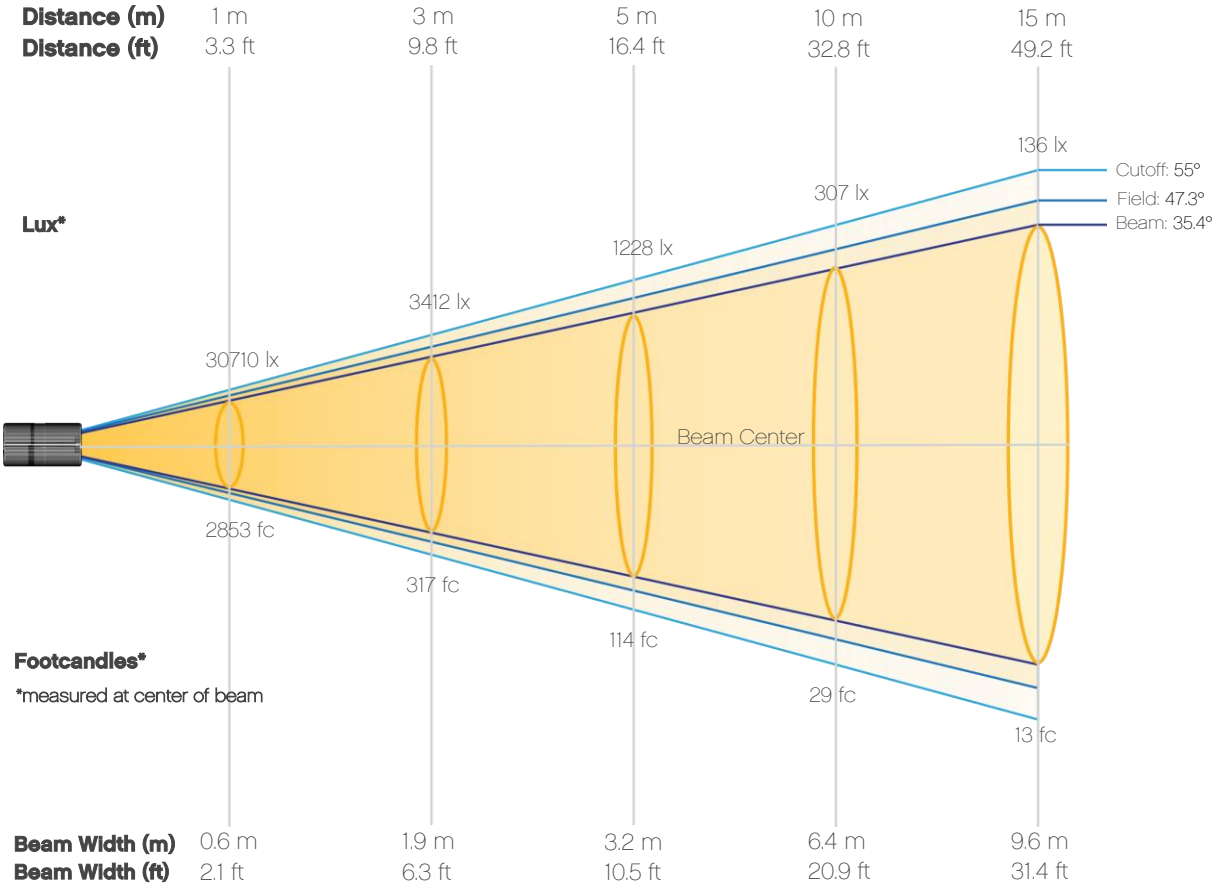
3948 K

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 4000K - Fan set to Auto

Beam Details



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

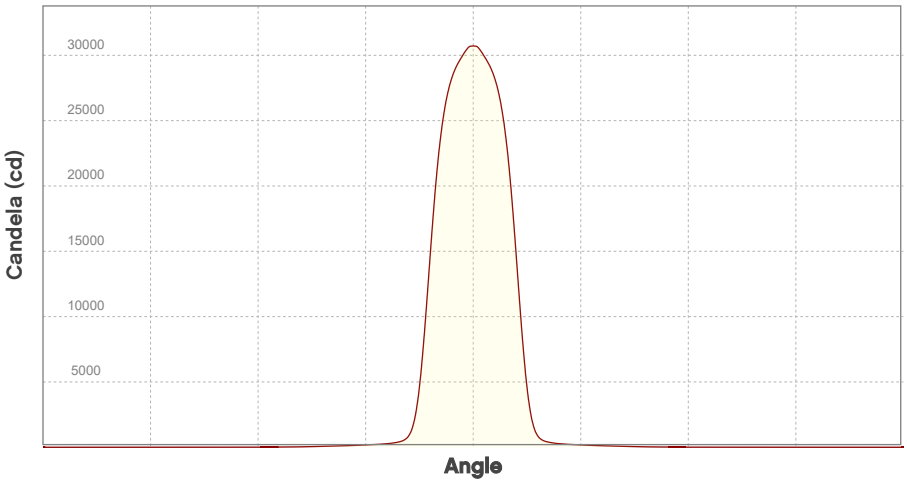
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30710	7677	3412	1919	1228	853	627	480	379	307
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	254	213	182	157	136	120	106	95	85	77
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2853	713	317	178	114	79	58	45	35	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

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 4000K - Fan set to Auto

Candela Plot

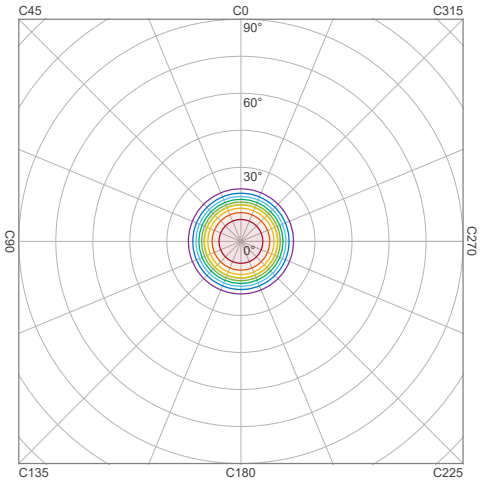


Beam Angle (50%): 35.4°
Field Angle (10%): 47.3°
Cutoff Angle (3%): 55°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

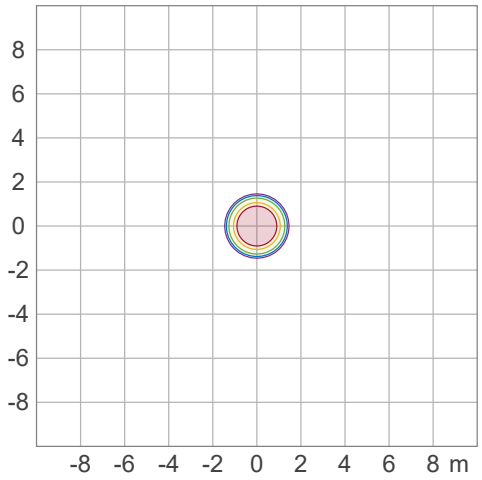
ISO Candela Diagram



90 %	27638.7 cd
80 %	24567.8 cd
70 %	21496.8 cd
60 %	18425.8 cd
50 %	15354.8 cd
40 %	12283.9 cd
30 %	9212.9 cd
20 %	6141.9 cd
10 %	3071.0 cd

Peak intensity: 30709.7 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	1706 lx
30.0 %	1024 lx
10.0 %	341 lx
5.0 %	171 lx
3.0 %	102 lx

Peak illuminance: 3412 lx
Mounting height: 3 m
Number of c-planes: 2

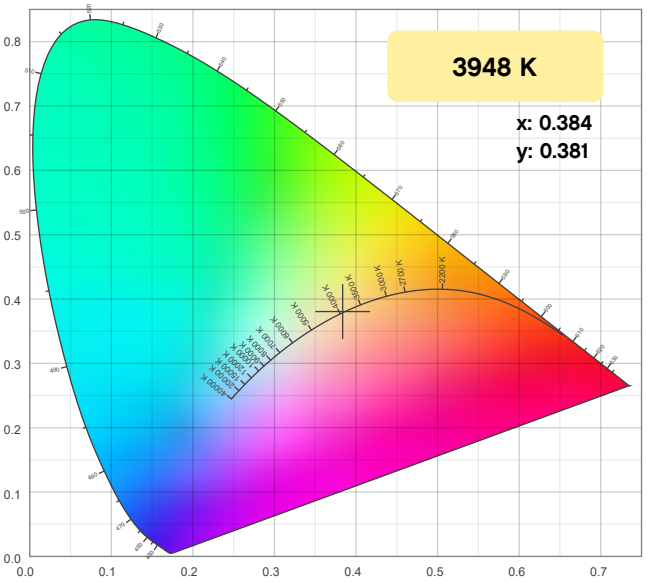
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Photometric & Chromaticity Report

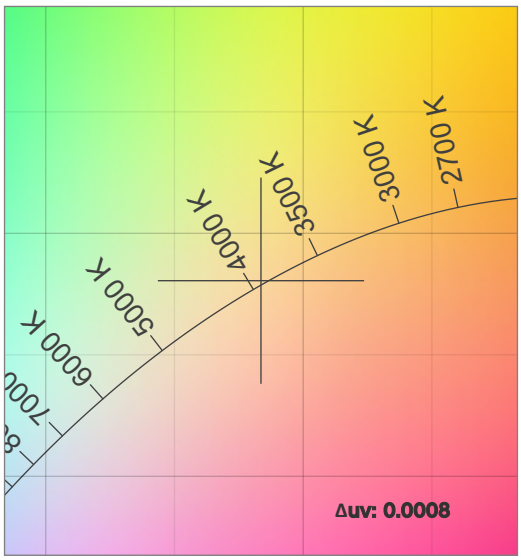
Ovation Rêve F2: 50% Zoom - 4000K - Fan set to Auto

Chromaticity

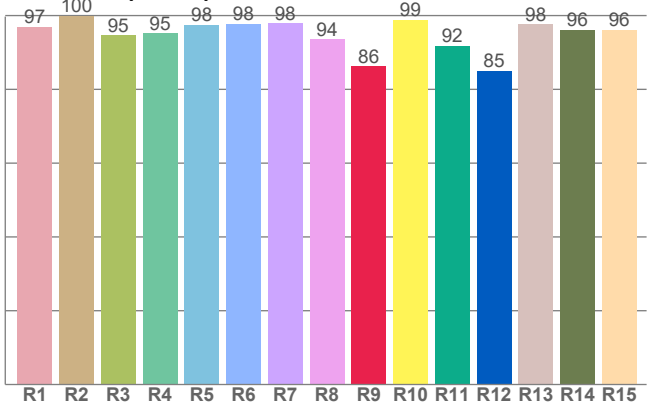
CIE 1931



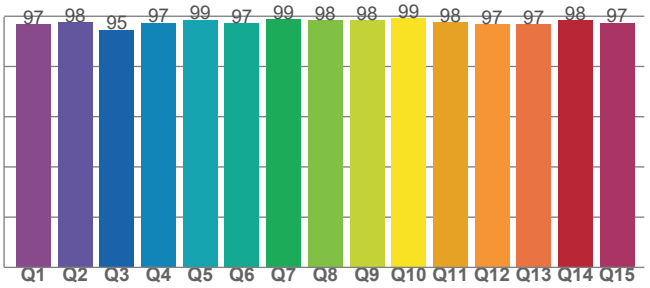
CIE 1931 - Zoom



CRI: 96.6 (R1-R8)



CQS: 97.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3948 K	0.384	0.381

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0008	0.381	0.226

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.6	86.2	97.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
94	94.7	102.1

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Photometric & Chromaticity Report

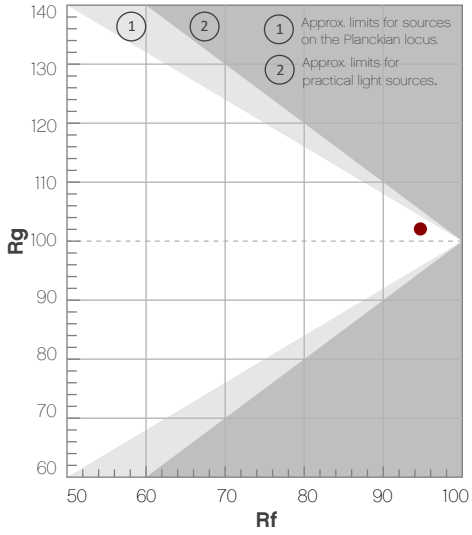
Ovation Rêve F2: 50% Zoom - 4000K - Fan set to Auto

TM-30 Details

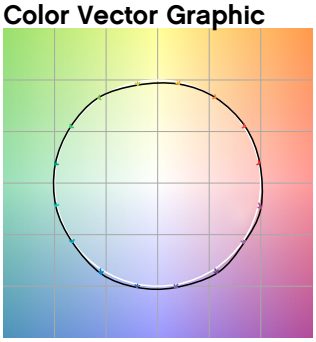
Rf 94.7
Fidelity Index (Rg)

Rg 102.1
Gammut Index (Rg)

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



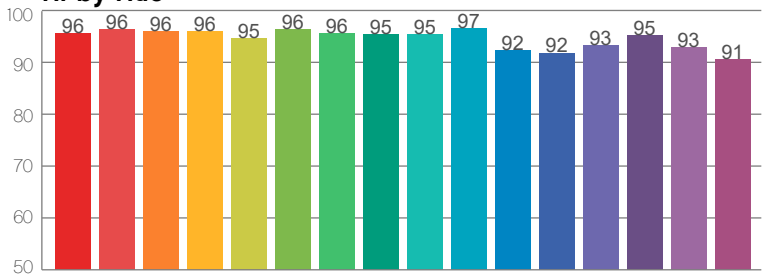
Color Vector Graphic



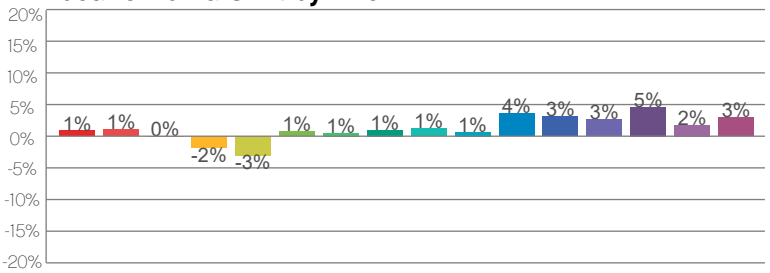
Color Distortion Graphic



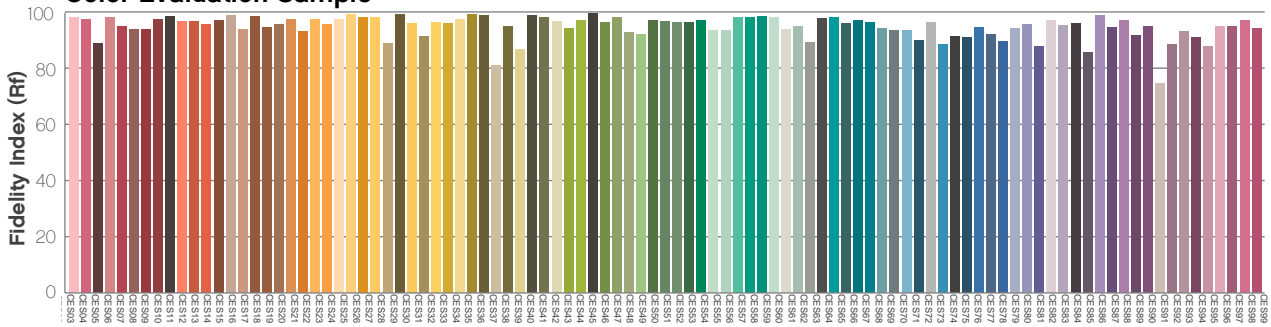
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 5600K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 11134 lm
Fixture Peak: 34087 cd
Fixture Efficacy: 49 lm/W
Intensity @ 5m: 1363 lux
Color Temperature: 5467 K
CRI: 98.6 CRI R9 Value: 95.6
CQS: 97.6
TLCI: 97
TM-30 Rf: 94.8
TM-30 Rg: 100.5
Beam Angle (50%): 35.4°
Field Angle (10%): 47.2°
Cutoff Angle (3%): 55.1°

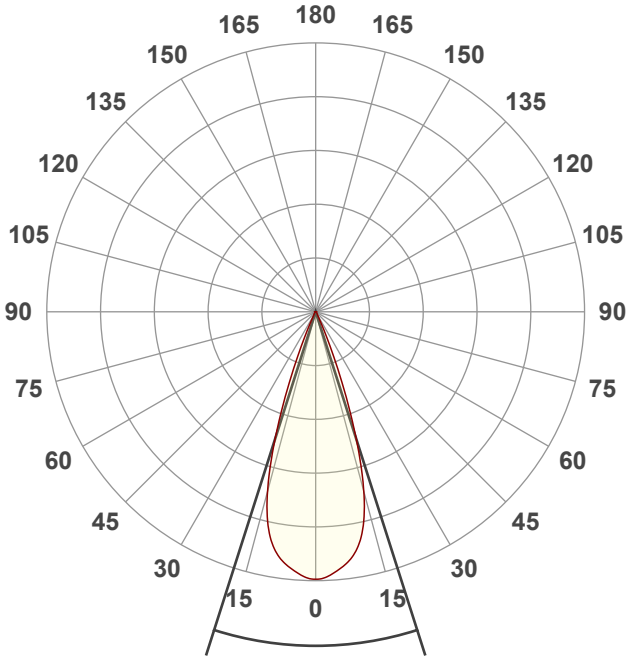
Conditions

AC Supply: 116 V, 60 Hz
Power: 229.57 W
Current: 1.98 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 7/31/2026 to LM-63-2002 Standards.

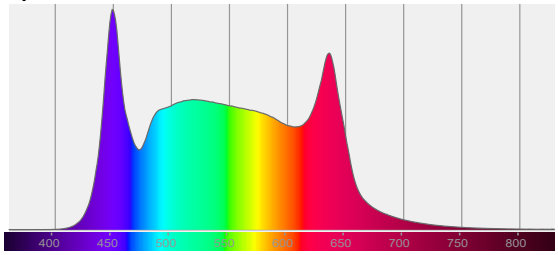
Overall Measurement

Angular Beam Distribution



Beam Angle 35.4°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.333
Y: 0.352

Light Quality

CRI: 98.6

Color Temperature

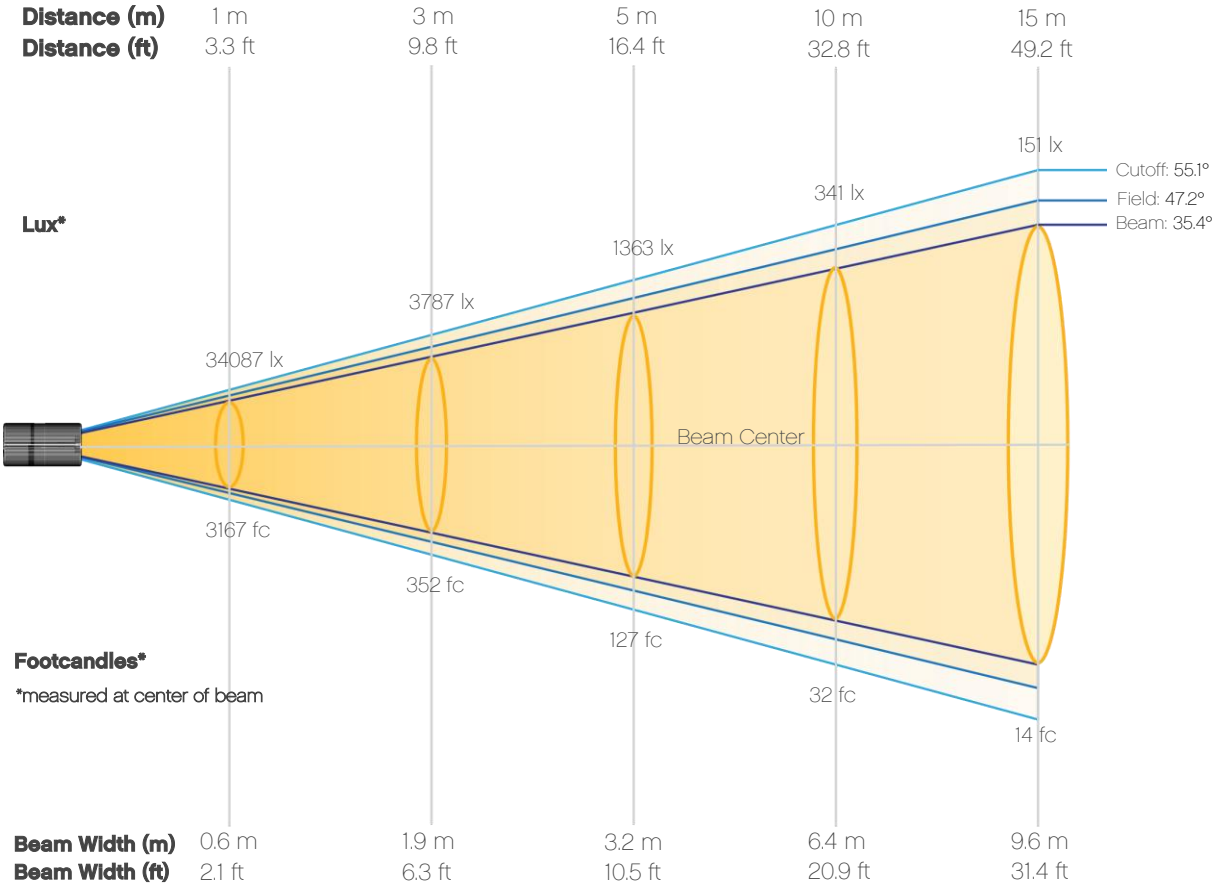
5467 K

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 5600K - Fan set to Auto

Beam Details



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

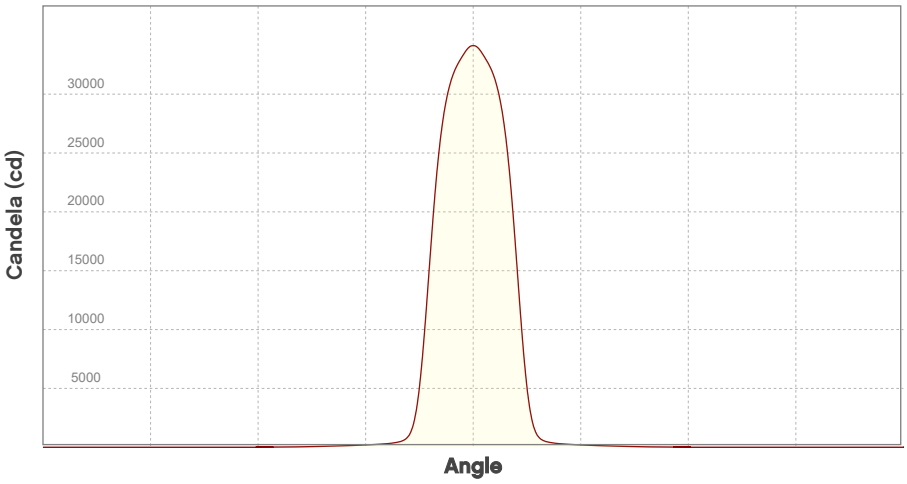
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34087	8522	3787	2130	1363	947	696	533	421	341
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	282	237	202	174	151	133	118	105	94	85
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3167	792	352	198	127	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

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Photometric & Chromaticity Report

Ovation Rêve F2: 50% Zoom - 5600K - Fan set to Auto

Candela Plot

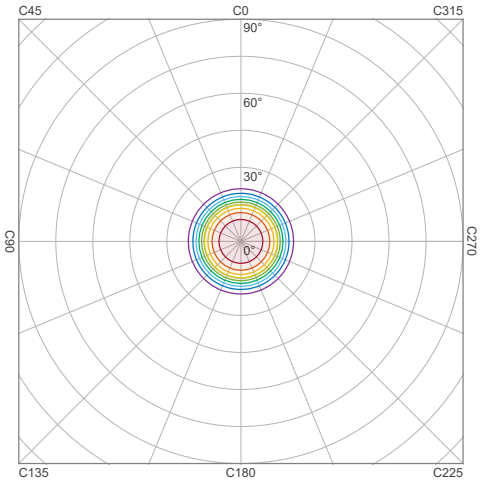


Beam Angle (50%): 35.4°
Field Angle (10%): 47.2°
Cutoff Angle (3%): 55.1°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

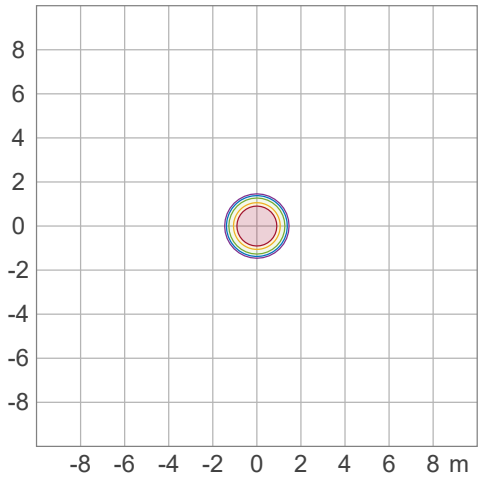
ISO Candela Diagram



90 %	30678.2 cd
80 %	27269.5 cd
70 %	23860.9 cd
60 %	20452.2 cd
50 %	17043.5 cd
40 %	13634.8 cd
30 %	10226.1 cd
20 %	6817.4 cd
10 %	3408.7 cd

Peak intensity: 34086.9 cd
Number of c-planes: 2

ISO Lux Diagram



50.0 %	1894 lx
30.0 %	1136 lx
10.0 %	379 lx
5.0 %	189 lx
3.0 %	114 lx

Peak illuminance: 3787 lx
Mounting height: 3 m
Number of c-planes: 2

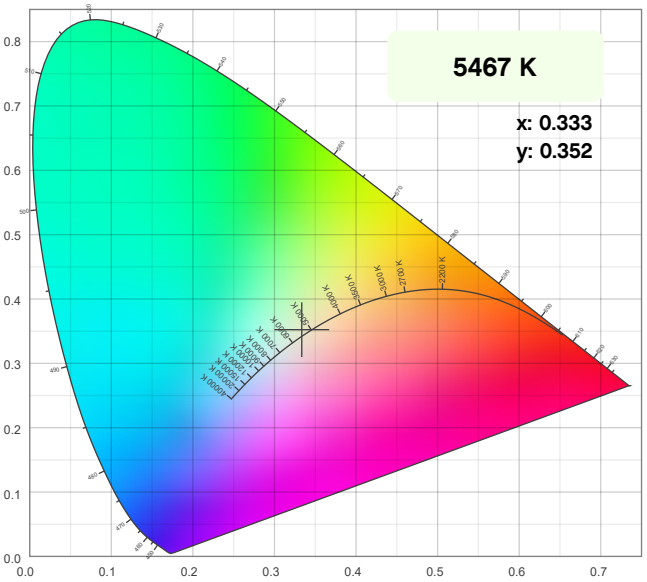
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Photometric & Chromaticity Report

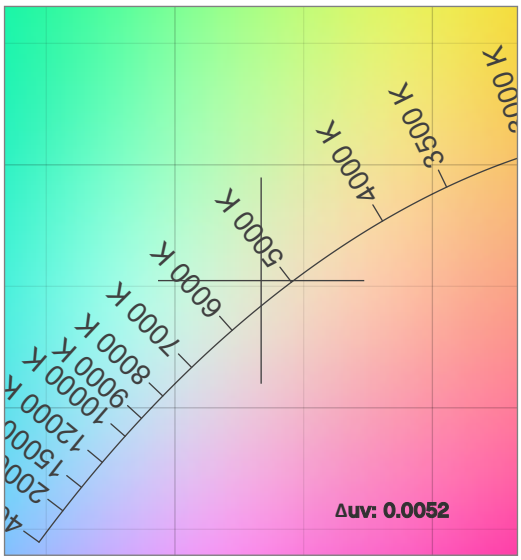
Ovation Rêve F2: 50% Zoom - 5600K - Fan set to Auto

Chromaticity

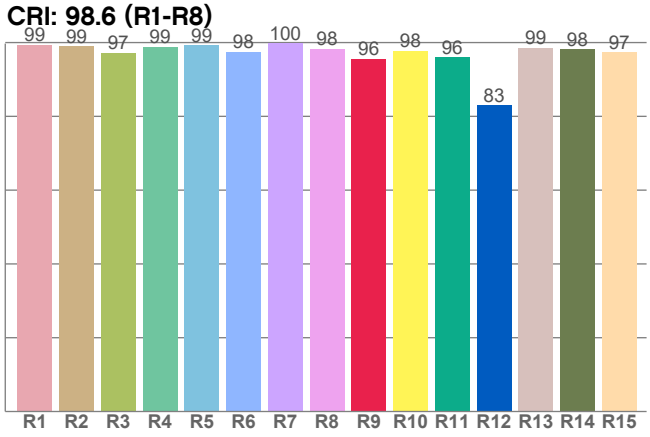
CIE 1931



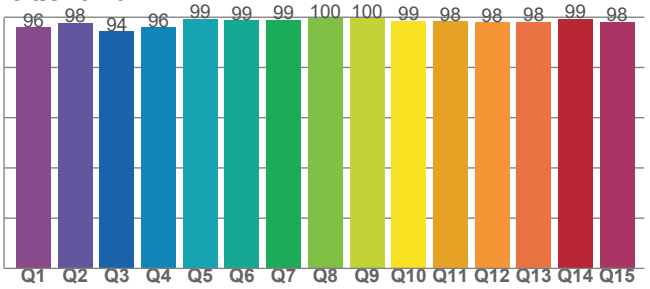
CIE 1931 - Zoom



CRI: 98.6 (R1-R8)



CQS: 97.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5467 K	0.333	0.352

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0052	0.352	0.203

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
98.6	95.6	97.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	94.8	100.5

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Photometric & Chromaticity Report

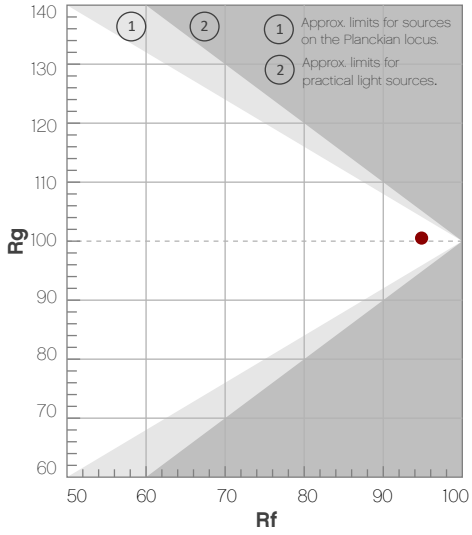
Ovation Rêve F2: 50% Zoom - 5600K - Fan set to Auto

TM-30 Details

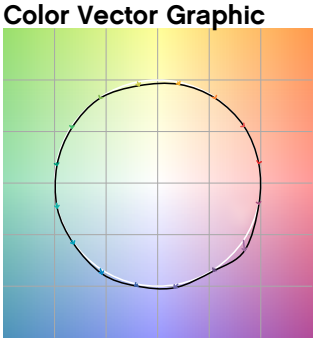
Rf 94.8
Fidelity Index (Rg)

Rg 100.5
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	0%	0%
2	98	0%	-1%
3	96	-1%	-1%
4	96	-2%	-2%
5	94	-4%	-1%
6	98	-1%	1%
7	96	-1%	2%
8	96	-1%	2%
9	95	0%	5%
10	94	0%	4%
11	92	3%	4%
12	95	2%	-2%
13	93	3%	-4%
14	95	1%	-2%
15	88	6%	-8%
16	97	0%	-1%



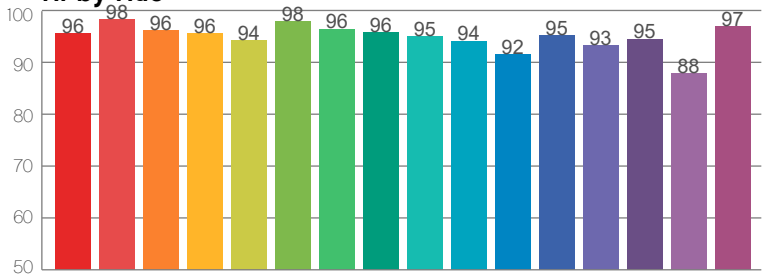
Color Vector Graphic



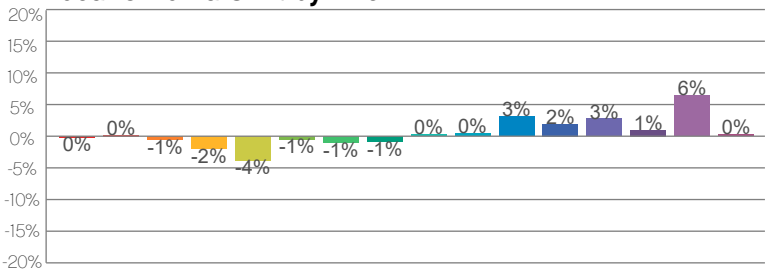
Color Distortion Graphic



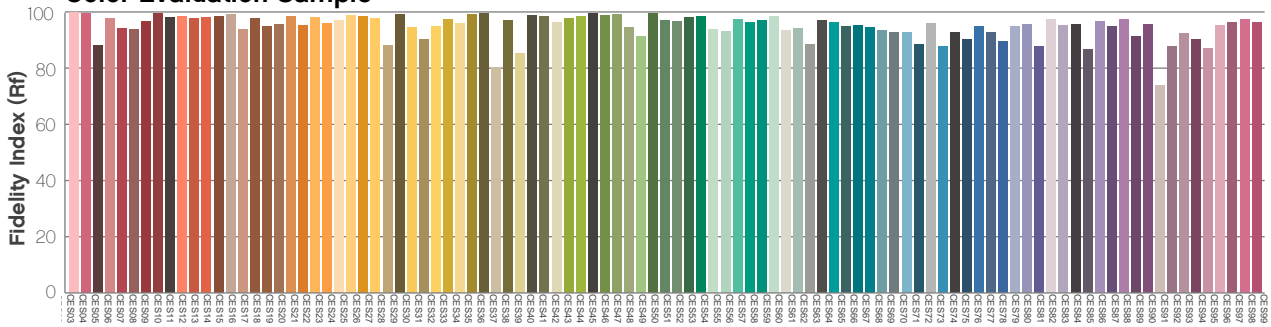
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Contact Us

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

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