PHOTOMETRICS REPORT

OVATION

R Ê V E H 1



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 H1

Photometrics & Chromaticity Reports

CHAUVET PROFESSIONAL

Photometric & Chromaticity Report

Ovation Rêve H1: 80deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 6699 lm
Fixture Peak: 4093 cd
Fixture Efficacy: 61 lm/W
Intensity @ 5m: 164 lux
Color Temperature: 5739 K
CRI: 92.4 CRI R9 Value: 69.0
CQS: 95.7
TLCI: 95
TM-30 Rf: 93.2
TM-30 Rg: 104.6
Beam Angle (50%): 73.7°
Field Angle (10%): 135.2°
Cutoff Angle (3%): 158.4°

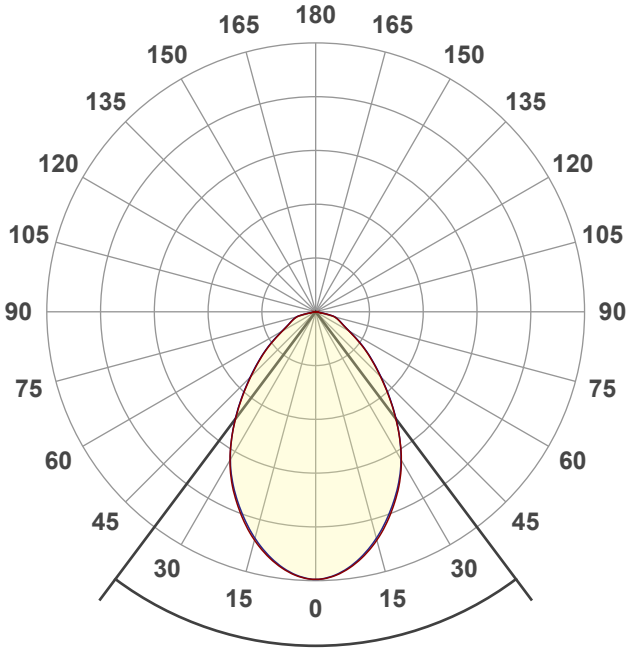
Conditions

AC Supply: 117 V, 60 Hz
Power: 109.31 W
Current: 0.930 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 7/29/2026 to LM-63-2002 Standards.

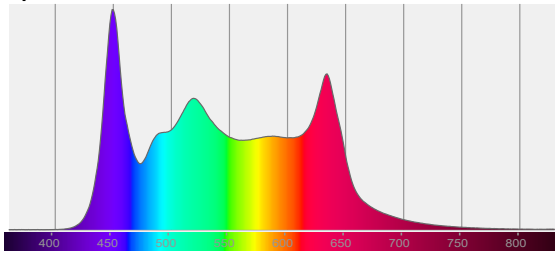
Overall Measurement

Angular Beam Distribution



Beam Angle 73.7°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.327
Y: 0.337

Light Quality

CRI: 92.4

Color Temperature

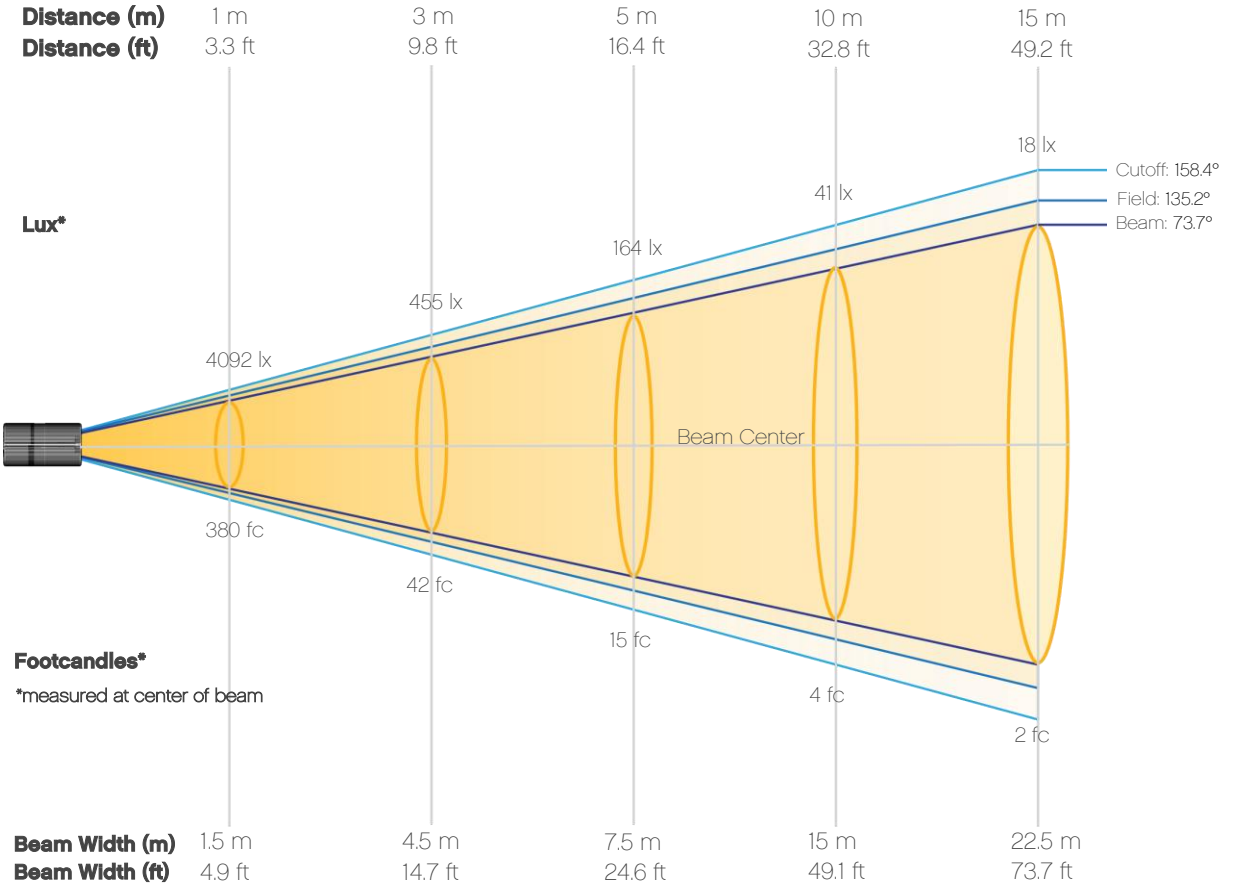
5739 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 80deg Lens - Full Power - Cali Off

Beam Details



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

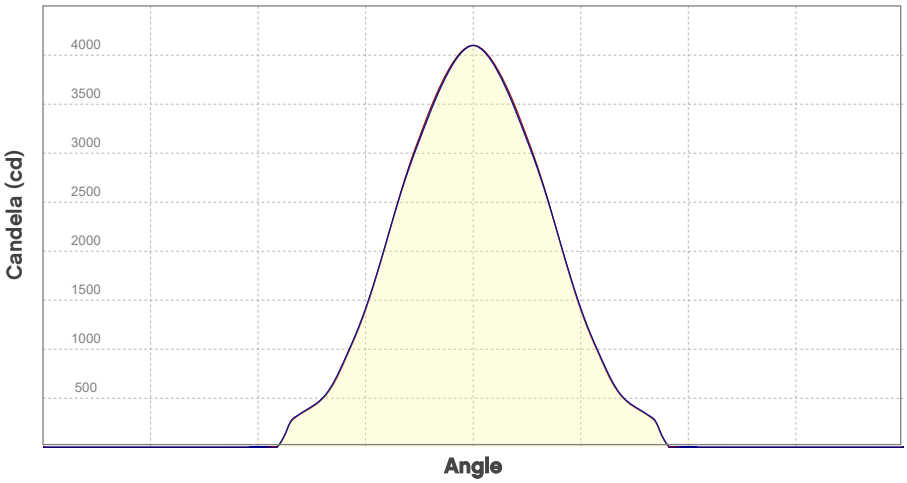
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4092	1023	455	256	164	114	84	64	51	41
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	34	28	24	21	18	16	14	13	11	10
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	380	95	42	24	15	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	1	1	1	1	1

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Photometric & Chromaticity Report

Ovation Rêve H1: 80deg Lens - Full Power - Cali Off

Candela Plot

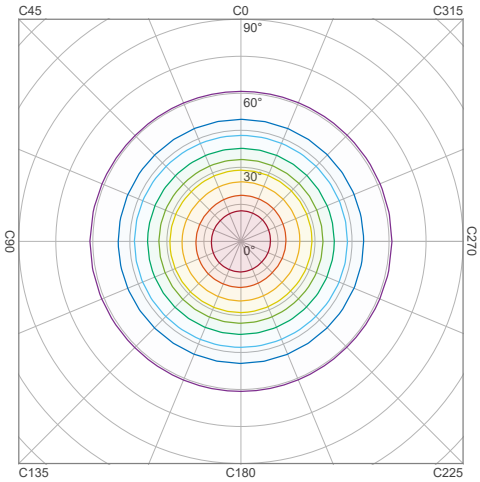


Beam Angle (50%): 73.7°
Field Angle (10%): 135.2°
Cutoff Angle (3%): 158.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

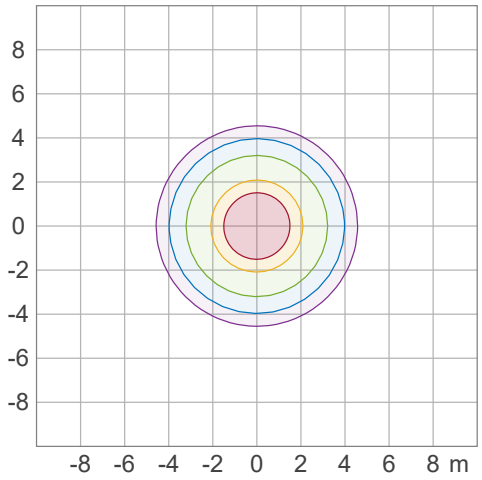
ISO Candela Diagram



90 %	3684.0 cd
80 %	3274.7 cd
70 %	2865.3 cd
60 %	2456.0 cd
50 %	2046.7 cd
40 %	1637.3 cd
30 %	1228.0 cd
20 %	818.7 cd
10 %	409.3 cd

Peak intensity: 4093.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	227 lx
30.0 %	136 lx
10.0 %	45.5 lx
5.0 %	22.7 lx
3.0 %	13.6 lx

Peak illuminance: 455 lx
Mounting height: 3 m
Number of c-planes: 8

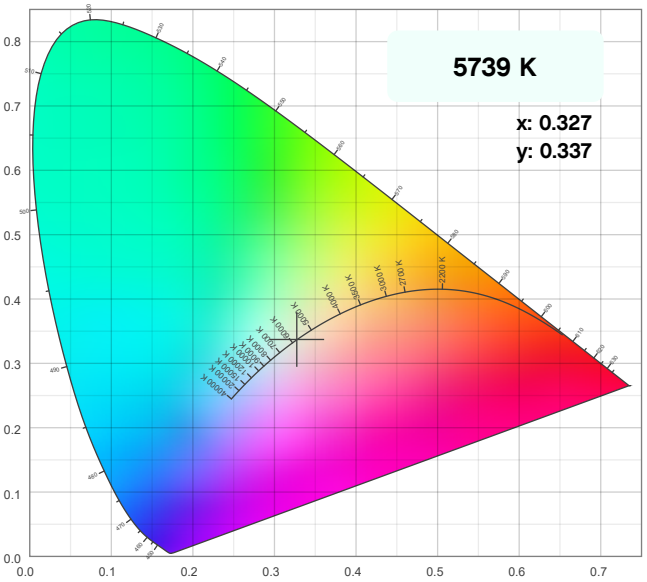
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Photometric & Chromaticity Report

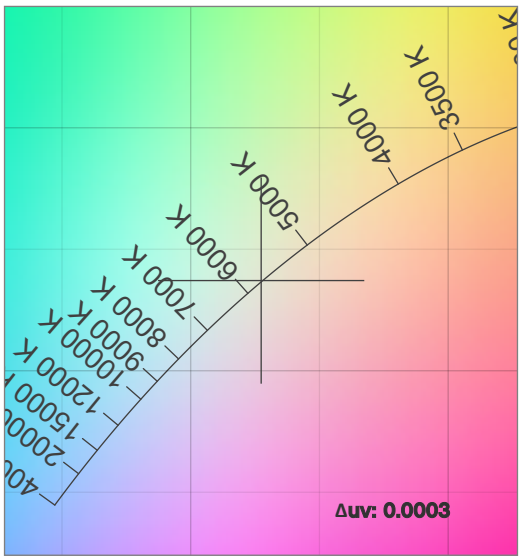
Ovation Rêve H1: 80deg Lens - Full Power - Cali Off

Chromaticity

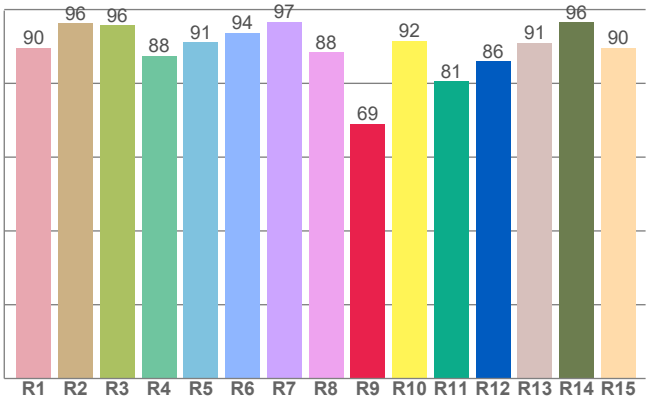
CIE 1931



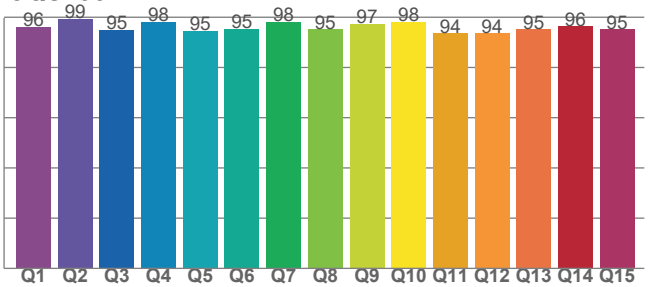
CIE 1931 - Zoom



CRI: 92.4 (R1-R8)



CQS: 95.7



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5739 K	0.327	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0003	0.337	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.4	69.0	95.7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	93.2	104.6

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Photometric & Chromaticity Report

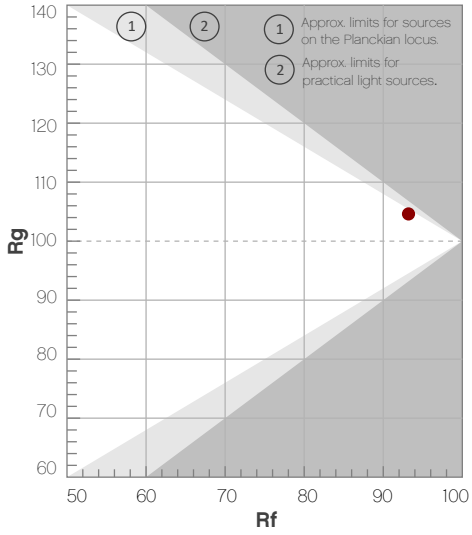
Ovation Rêve H1: 80deg Lens - Full Power - Cali Off

TM-30 Details

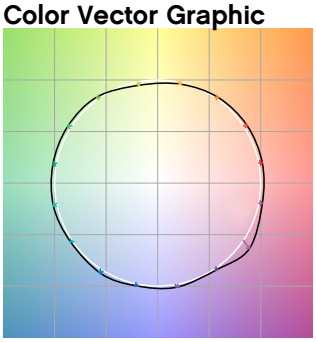
Rf 93.2
Fidelity Index (Rg)

Rg 104.6
Gammut Index (Rg)

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



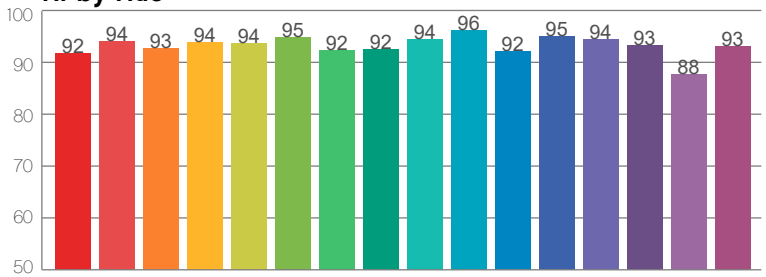
Color Vector Graphic



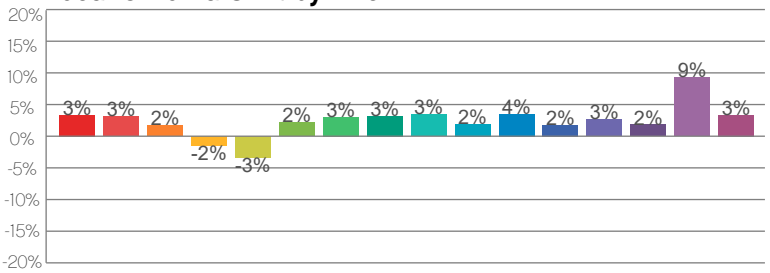
Color Distortion Graphic



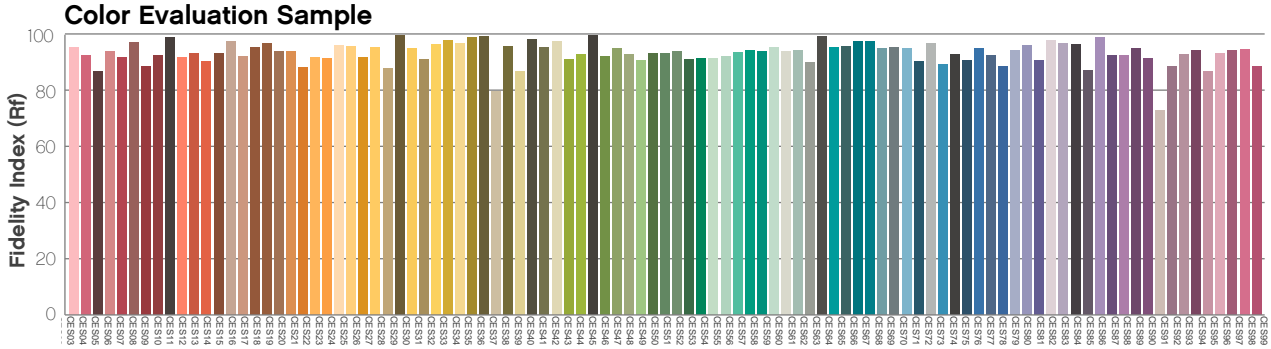
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 65deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 7370 lm
Fixture Peak: 6308 cd
Fixture Efficacy: 67 lm/W
Intensity @ 5m: 252 lux
Color Temperature: 5705 K
CRI: 92.2 CRI R9 Value: 68.7
CQS: 95.6
TLCI: 94
TM-30 Rf: 93.2
TM-30 Rg: 104.8
Beam Angle (50%): 60.6°
Field Angle (10%): 110.1°
Cutoff Angle (3%): 142.9°

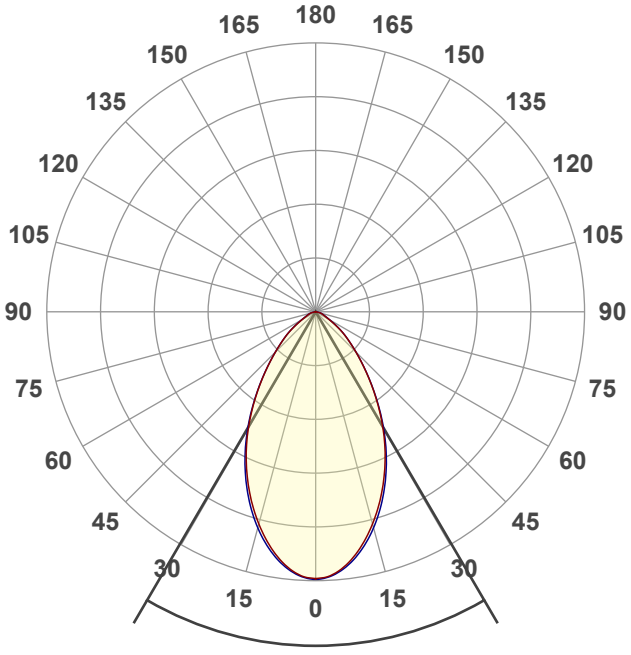
Conditions

AC Supply: 118 V, 60 Hz
Power: 110.32 W
Current: 0.937 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 7/29/2026 to LM-63-2002 Standards.

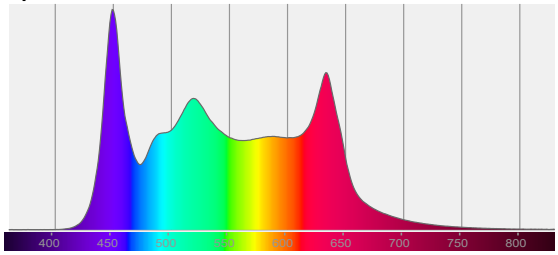
Overall Measurement

Angular Beam Distribution



Beam Angle 60.6°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.328
Y: 0.337

Light Quality

CRI: 92.2

Color Temperature

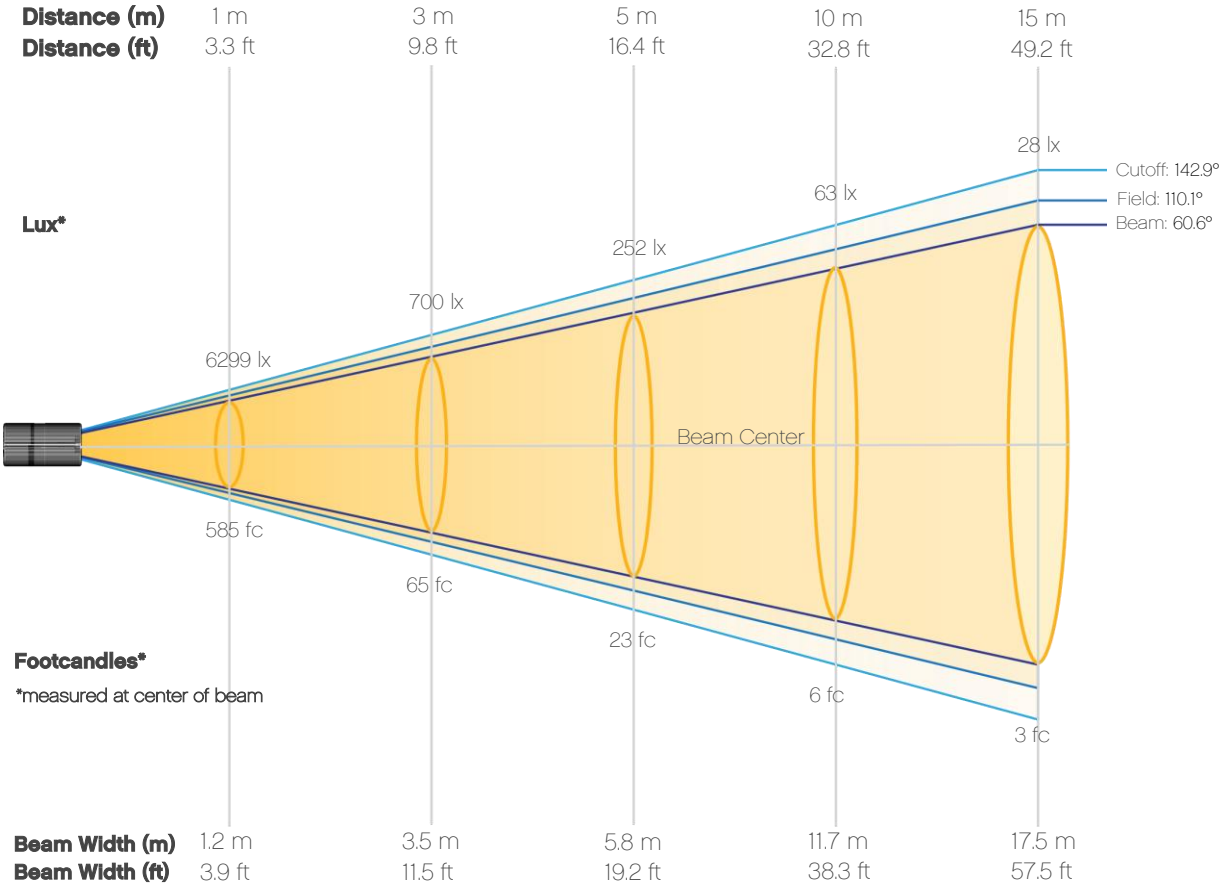
5705 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 65deg Lens - Full Power - Cali Off

Beam Details



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

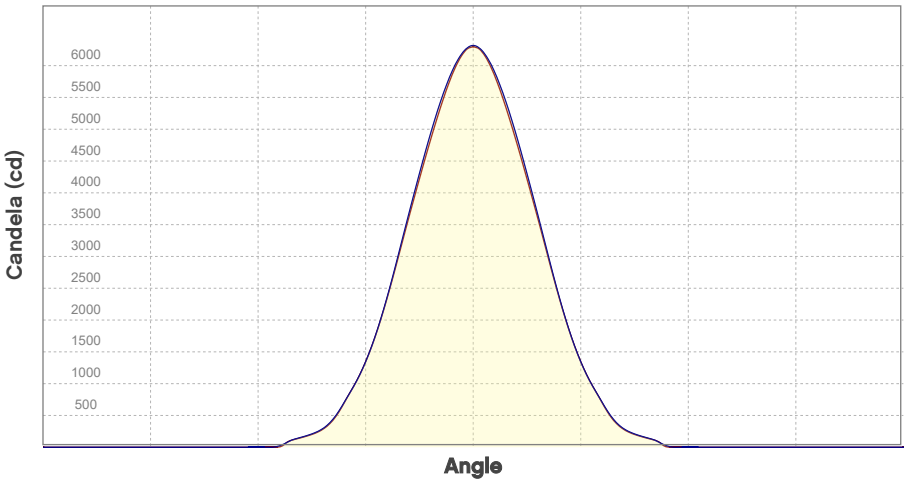
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	6299	1575	700	394	252	175	129	98	78	63
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	52	44	37	32	28	25	22	19	17	16
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	585	146	65	37	23	16	12	9	7	6
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	5	4	3	3	3	2	2	2	2	1

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Photometric & Chromaticity Report

Ovation Rêve H1: 65deg Lens - Full Power - Cali Off

Candela Plot

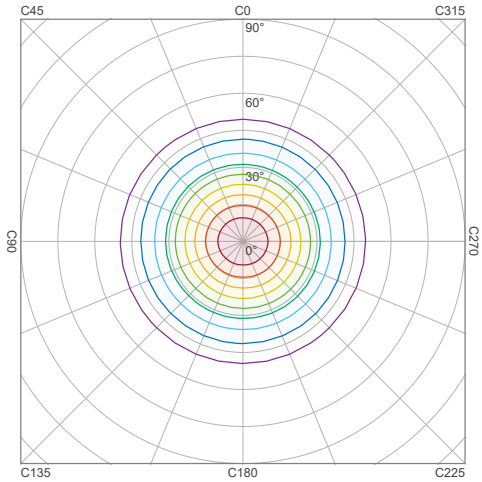


Beam Angle (50%): 60.6°
Field Angle (10%): 110.1°
Cutoff Angle (3%): 142.9°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

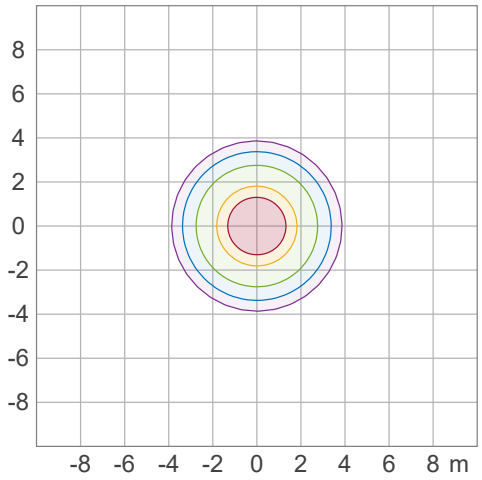
ISO Candela Diagram



90 %	5677.0 cd
80 %	5046.2 cd
70 %	4415.5 cd
60 %	3784.7 cd
50 %	3153.9 cd
40 %	2523.1 cd
30 %	1892.3 cd
20 %	1261.6 cd
10 %	630.8 cd

Peak intensity: 6307.8 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	350 lx
30.0 %	210 lx
10.0 %	70.1 lx
5.0 %	35 lx
3.0 %	21 lx

Peak illuminance: 701 lx
Mounting height: 3 m
Number of c-planes: 8

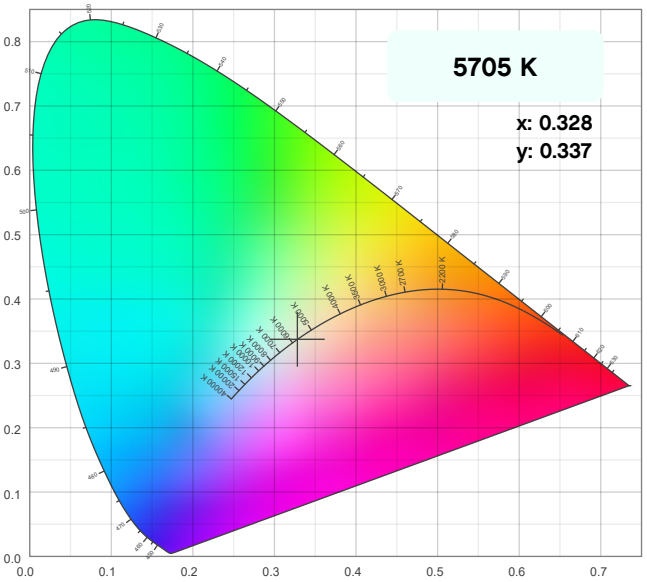
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Photometric & Chromaticity Report

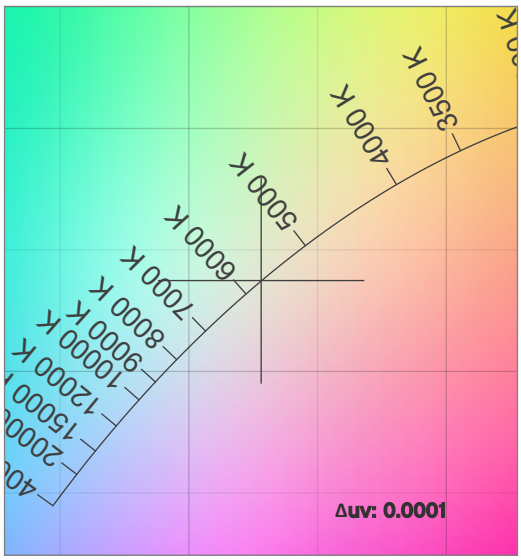
Ovation Rêve H1: 65deg Lens - Full Power - Cali Off

Chromaticity

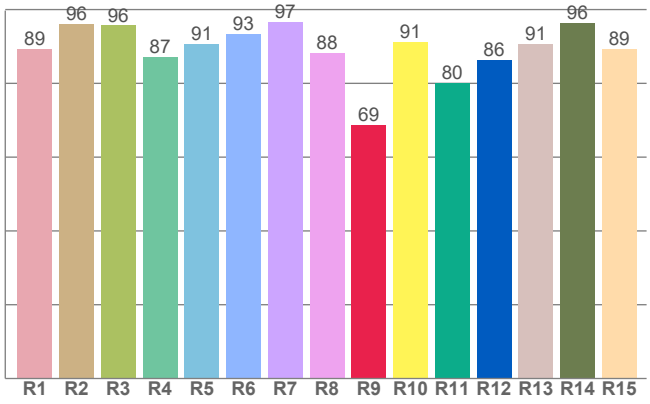
CIE 1931



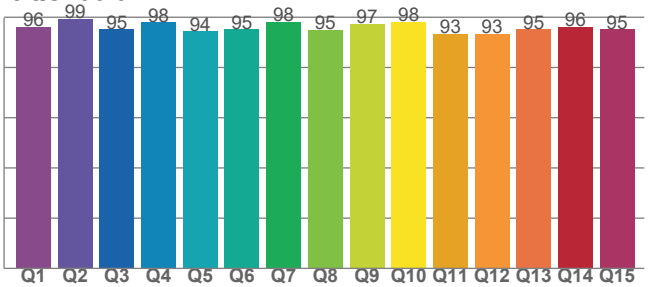
CIE 1931 - Zoom



CRI: 92.2 (R1-R8)



CQS: 95.6



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5705 K	0.328	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.337	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.2	68.7	95.6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
94	93.2	104.8

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Photometric & Chromaticity Report

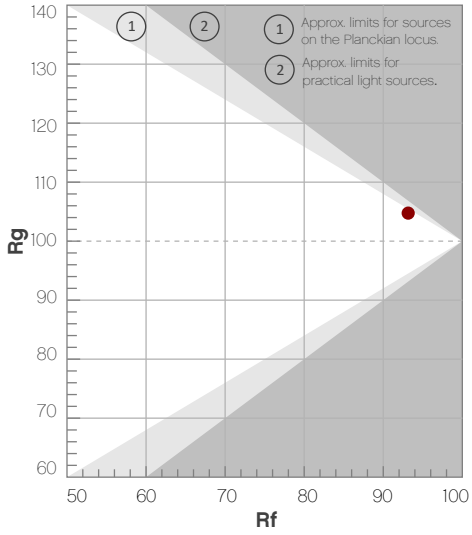
Ovation Rêve H1: 65deg Lens - Full Power - Cali Off

TM-30 Details

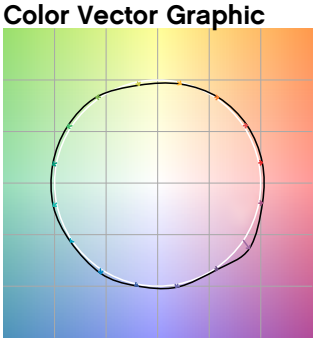
Rf 93.2
Fidelity Index (Rg)

Rg 104.8
Gammut Index (Rg)

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



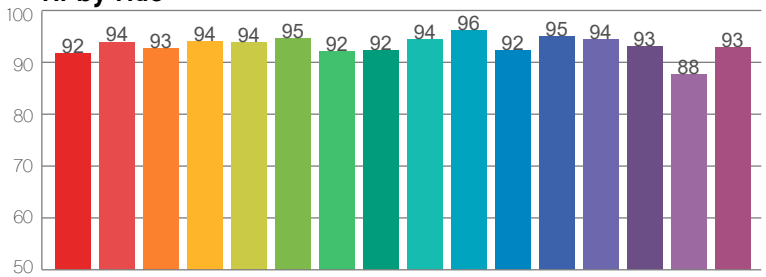
Color Vector Graphic



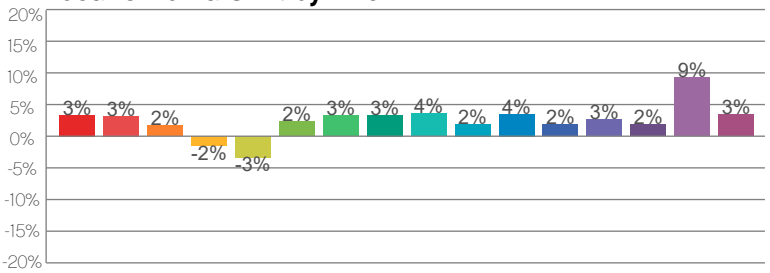
Color Distortion Graphic



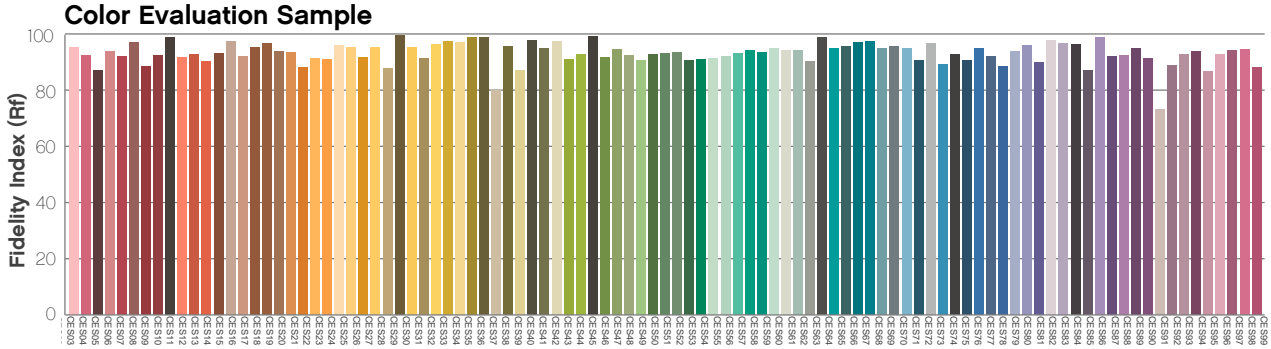
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 8421 lm
Fixture Peak: 14149 cd
Fixture Efficacy: 76 lm/W
Intensity @ 5m: 566 lux
Color Temperature: 5588 K
CRI: 91.8 CRI R9 Value: 68.8
CQS: 95.5
TLCI: 94
TM-30 Rf: 93.1
TM-30 Rg: 105.1
Beam Angle (50%): 45°
Field Angle (10%): 70°
Cutoff Angle (3%): 91.4°

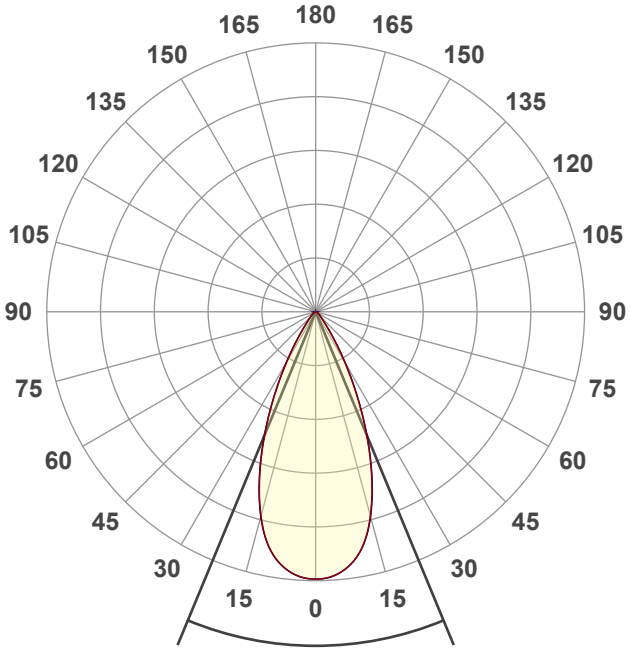
Conditions

AC Supply: 118 V, 60 Hz
Power: 111.74 W
Current: 0.949 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 7/28/2026 to LM-63-2002 Standards.

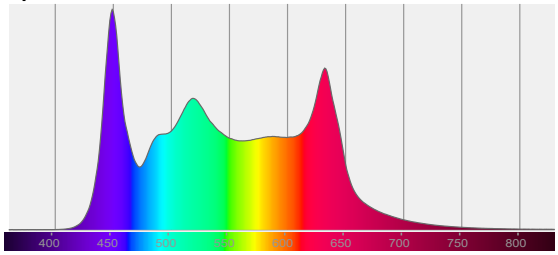
Overall Measurement

Angular Beam Distribution



Beam Angle 45°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.331
Y: 0.339

Light Quality

CRI: 91.8

Color Temperature

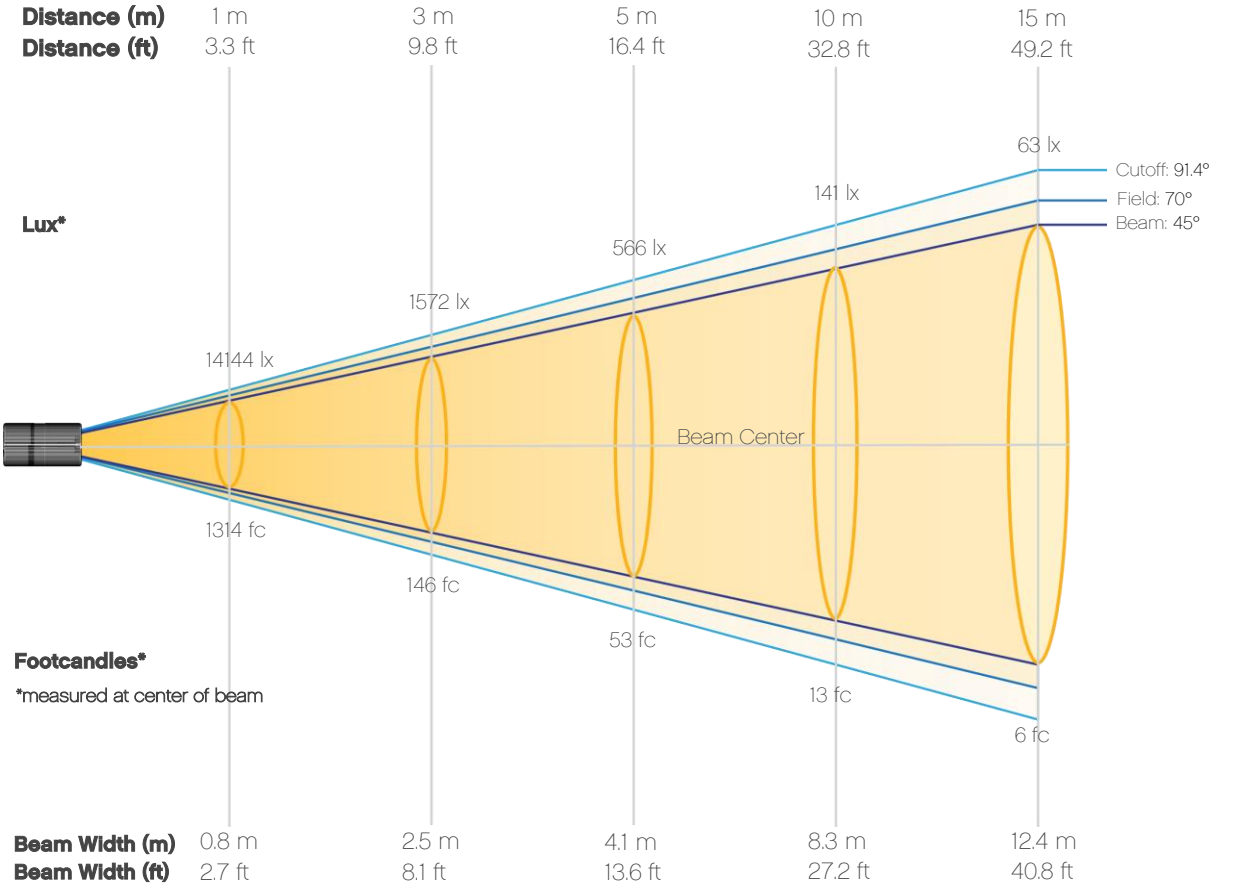
5588 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - Full Power - Cali Off

Beam Details



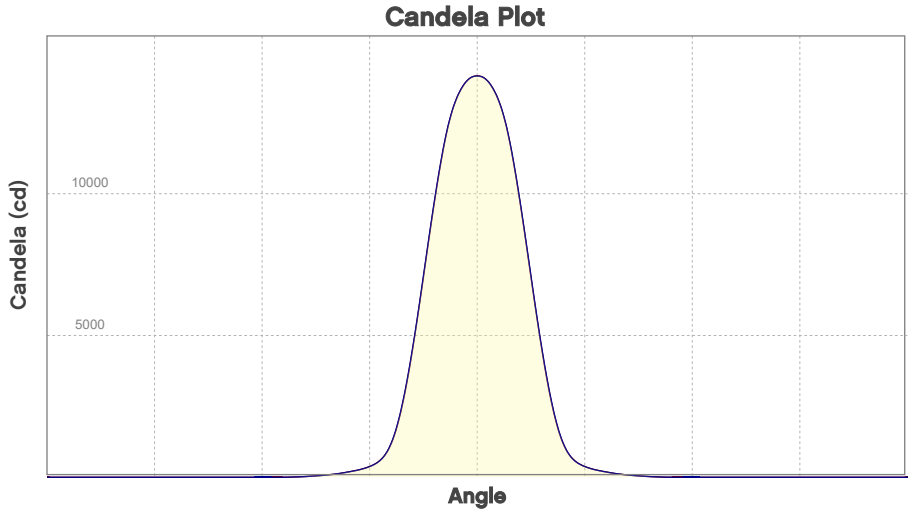
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14144	3536	1572	884	566	393	289	221	175	141
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	117	98	84	72	63	55	49	44	39	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1314	329	146	82	53	37	27	21	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	5	4	4	3

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - Full Power - Cali Off

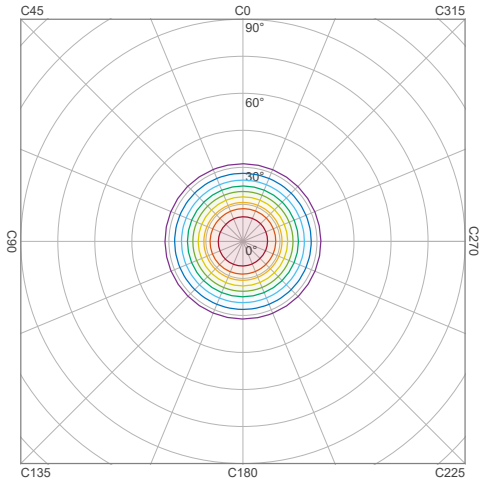


Beam Angle (50%): 45°
Field Angle (10%): 70°
Cutoff Angle (3%): 91.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

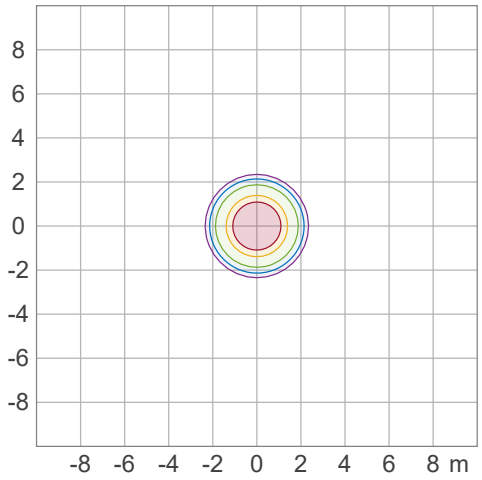
ISO Candela Diagram



90 %	12731.8 cd
80 %	11317.2 cd
70 %	9902.5 cd
60 %	8487.9 cd
50 %	7073.2 cd
40 %	5658.6 cd
30 %	4243.9 cd
20 %	2829.3 cd
10 %	1414.6 cd

Peak intensity: 14146.4 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	786 lx
30.0 %	471 lx
10.0 %	157 lx
5.0 %	78.6 lx
3.0 %	47.1 lx

Peak illuminance: 1572 lx
Mounting height: 3 m
Number of c-planes: 8

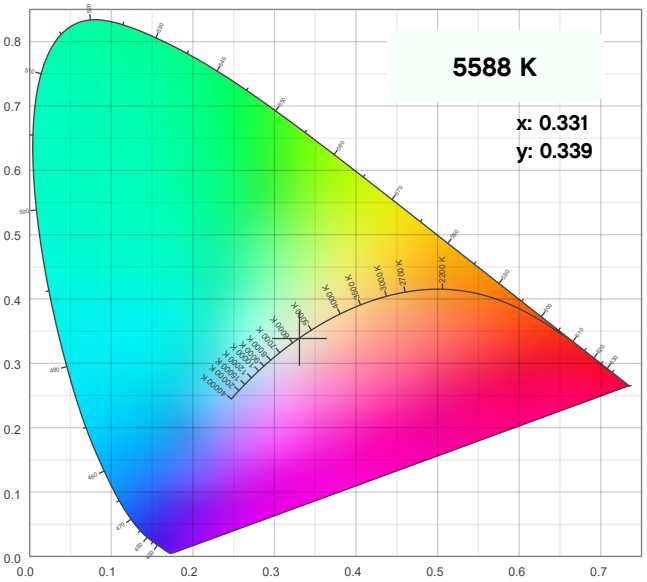
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Photometric & Chromaticity Report

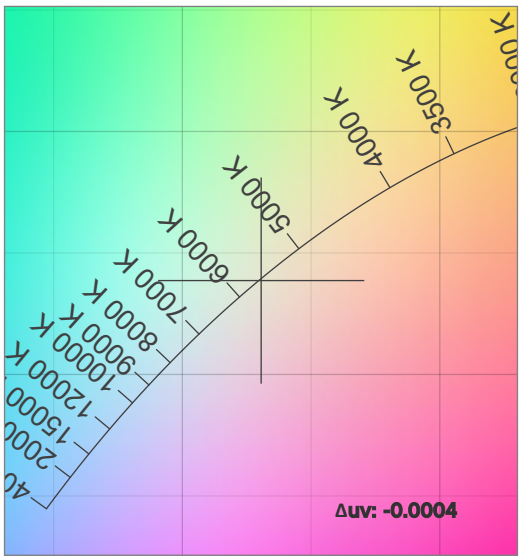
Ovation Rêve H1: 45deg Lens - Full Power - Cali Off

Chromaticity

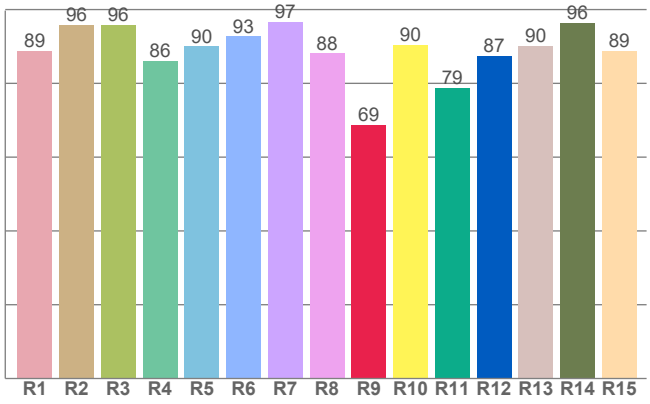
CIE 1931



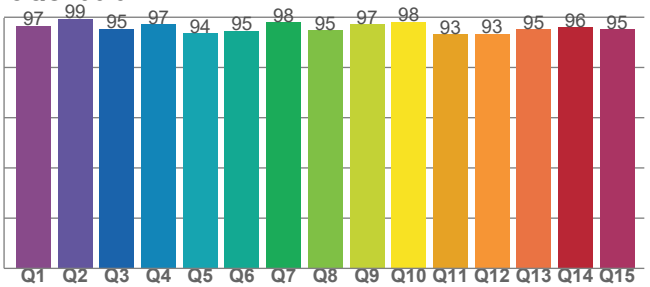
CIE 1931 - Zoom



CRI: 91.8 (R1-R8)



CQS: 95.5



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5588 K	0.331	0.339

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0004	0.339	0.207

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
91.8	68.8	95.5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
94	93.1	105.1

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Photometric & Chromaticity Report

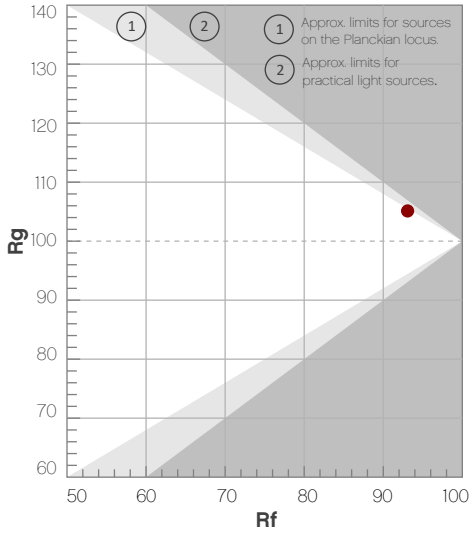
Ovation Rêve H1: 45deg Lens - Full Power - Cali Off

TM-30 Details

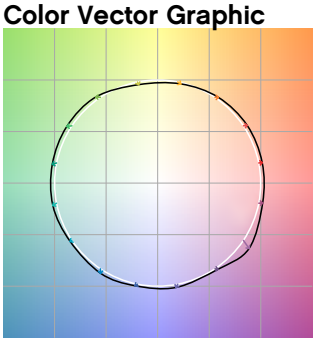
Rf 93.1
Fidelity Index (Rg)

Rg 105.1
Gammut Index (Rg)

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



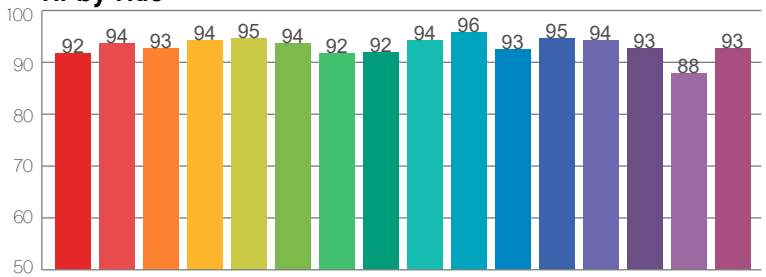
Color Vector Graphic



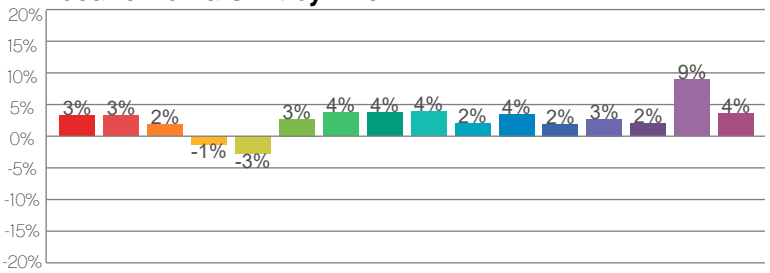
Color Distortion Graphic



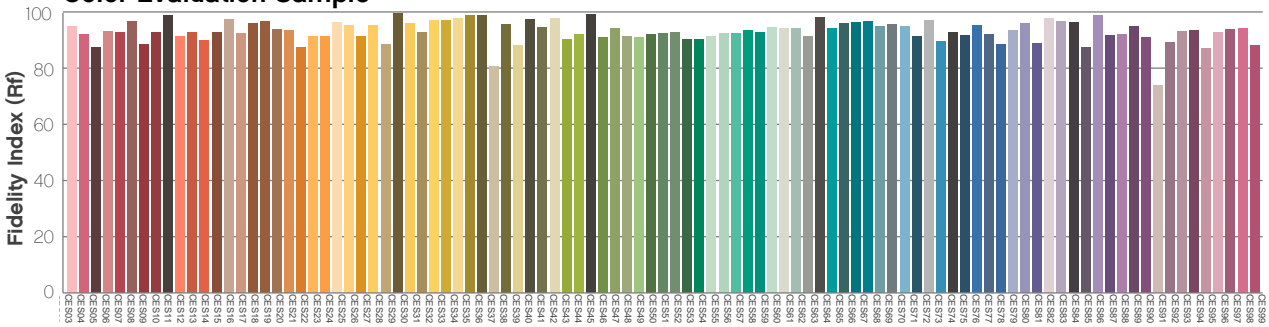
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 35deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 7842 lm
Fixture Peak: 17192 cd
Fixture Efficacy: 72 lm/W
Intensity @ 5m: 687 lux
Color Temperature: 5757 K
CRI: 92.4 CRI R9 Value: 68.7
CQS: 95.8
TLCI: 95
TM-30 Rf: 93.2
TM-30 Rg: 104.5
Beam Angle (50%): 34.8°
Field Angle (10%): 65.6°
Cutoff Angle (3%): 94.6°

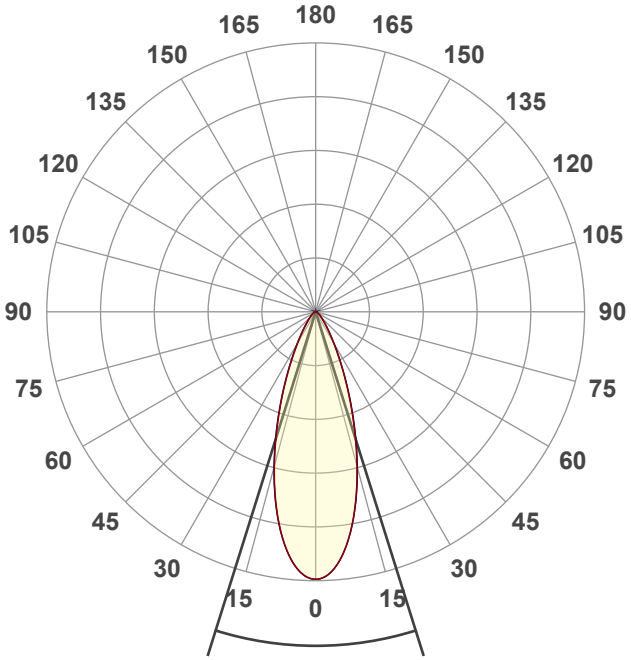
Conditions

AC Supply: 117 V, 60 Hz
Power: 109.59 W
Current: 0.938 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 7/29/2026 to LM-63-2002 Standards.

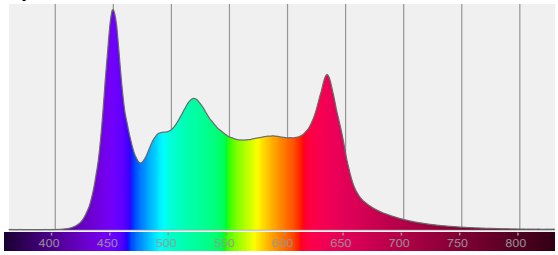
Overall Measurement

Angular Beam Distribution



Beam Angle 34.8°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.327
Y: 0.337

Light Quality

CRI: 92.4

Color Temperature

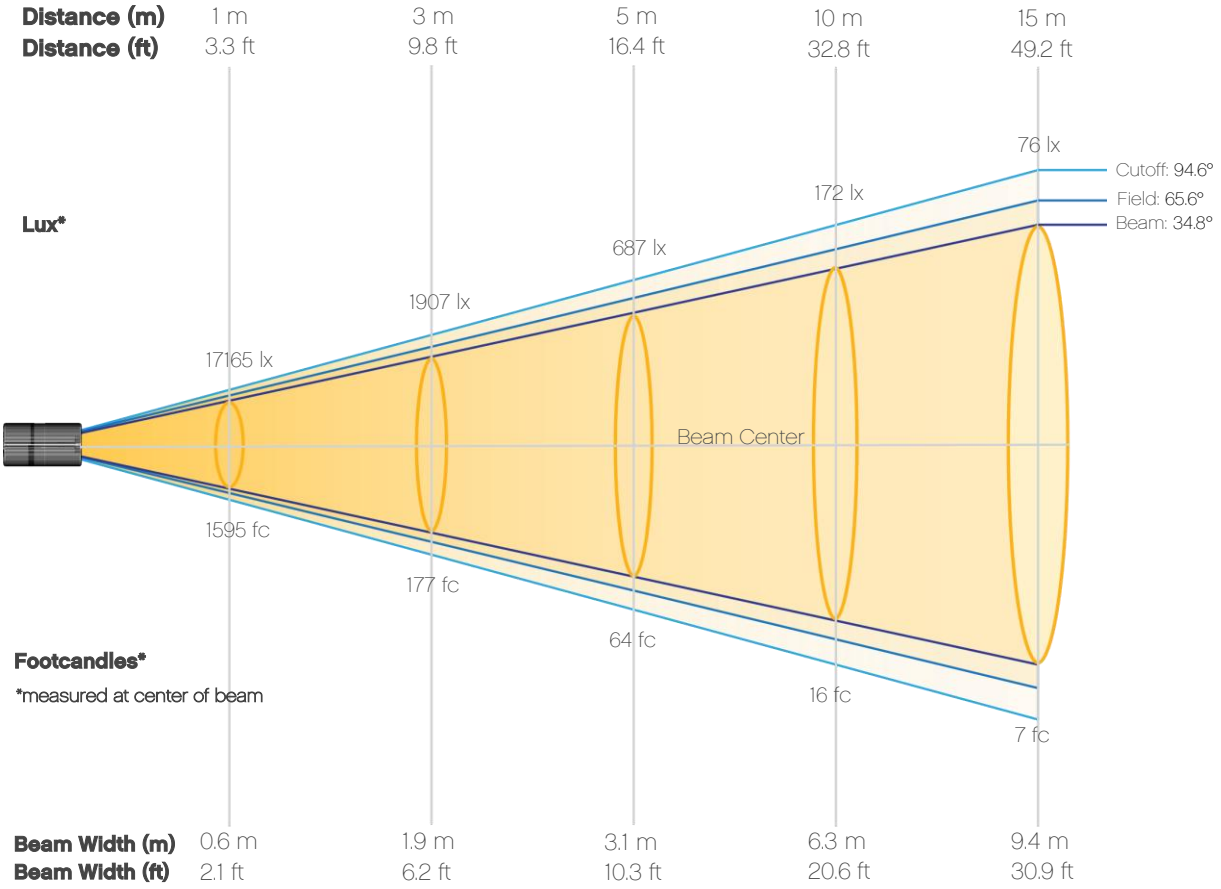
5757 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 35deg Lens - Full Power - Cali Off

Beam Details



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

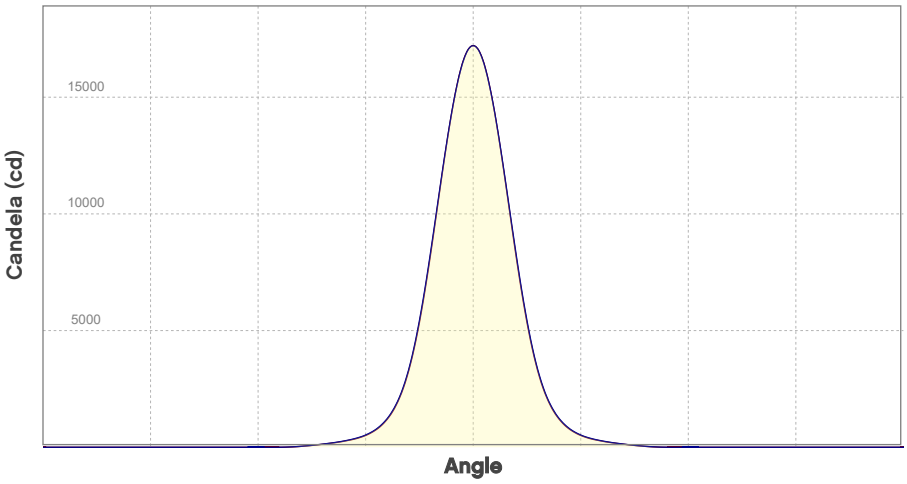
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17165	4291	1907	1073	687	477	350	268	212	172
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	142	119	102	88	76	67	59	53	48	43
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1595	399	177	100	64	44	33	25	20	16
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	13	11	9	8	7	6	6	5	4	4

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Photometric & Chromaticity Report

Ovation Rêve H1: 35deg Lens - Full Power - Cali Off

Candela Plot

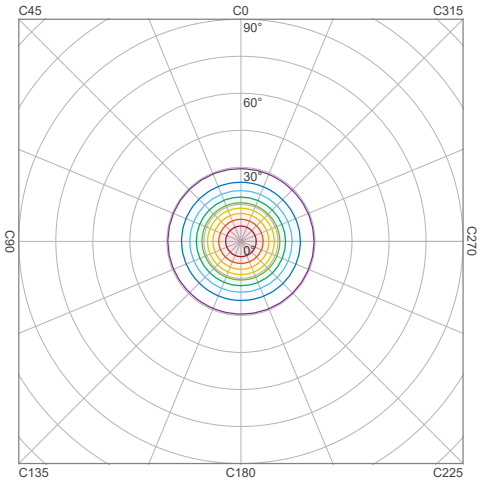


Beam Angle (50%): 34.8°
Field Angle (10%): 65.6°
Cutoff Angle (3%): 94.6°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

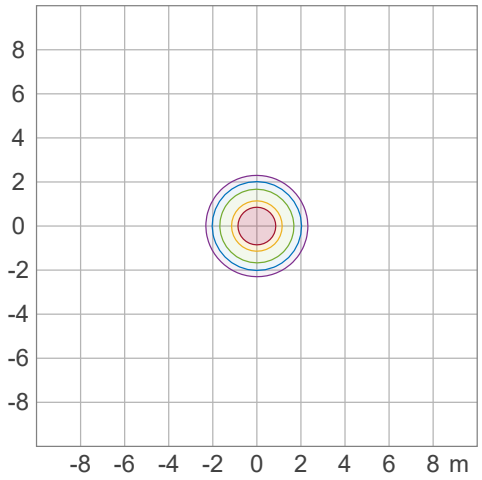
ISO Candela Diagram



90 %	15448.9 cd
80 %	13732.4 cd
70 %	12015.8 cd
60 %	10299.3 cd
50 %	8582.7 cd
40 %	6866.2 cd
30 %	5149.6 cd
20 %	3433.1 cd
10 %	1716.5 cd

Peak intensity: 17165.5 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	954 lx
30.0 %	572 lx
10.0 %	191 lx
5.0 %	95.4 lx
3.0 %	57.2 lx

Peak illuminance: 1907 lx
Mounting height: 3 m
Number of c-planes: 8

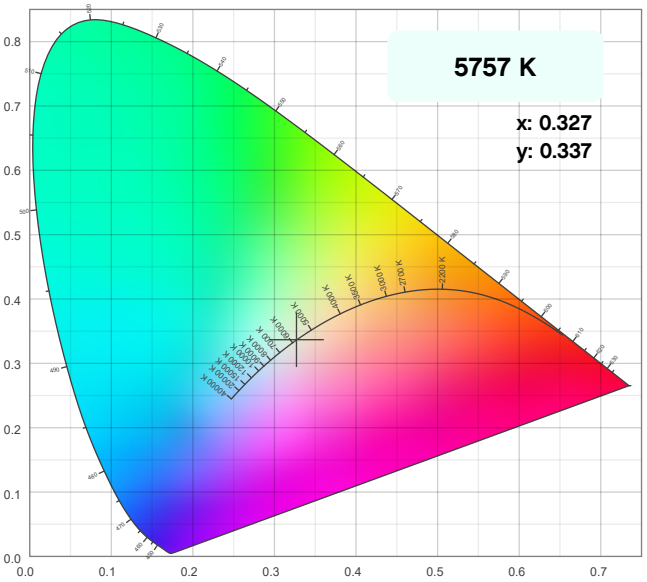
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Photometric & Chromaticity Report

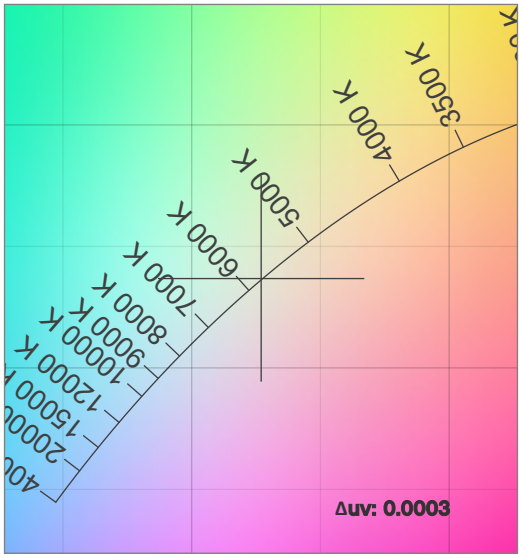
Ovation Rêve H1: 35deg Lens - Full Power - Cali Off

Chromaticity

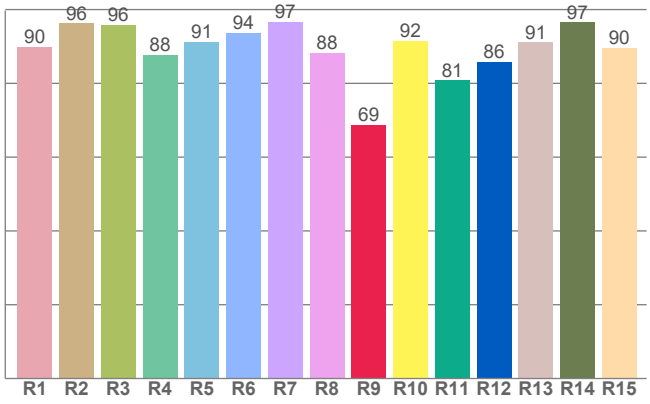
CIE 1931



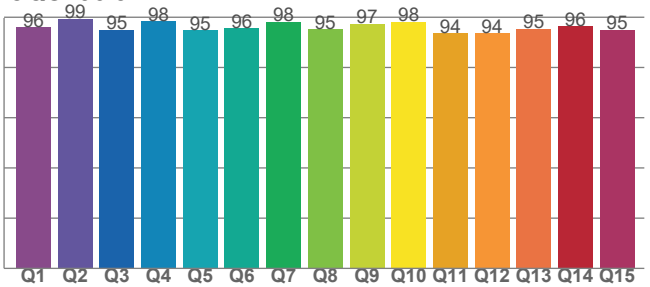
CIE 1931 - Zoom



CRI: 92.4 (R1-R8)



CQS: 95.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5757 K	0.327	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0003	0.337	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.4	68.7	95.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	93.2	104.5

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Photometric & Chromaticity Report

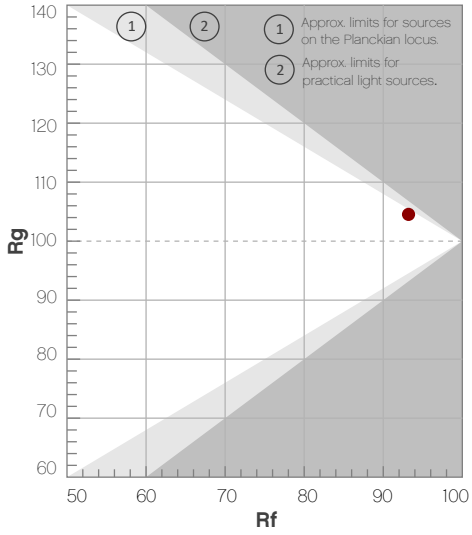
Ovation Rêve H1: 35deg Lens - Full Power - Cali Off

TM-30 Details

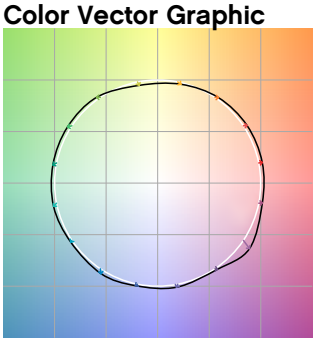
Rf 93.2
Fidelity Index (Rg)

Rg 104.5
Gammut Index (Rg)

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



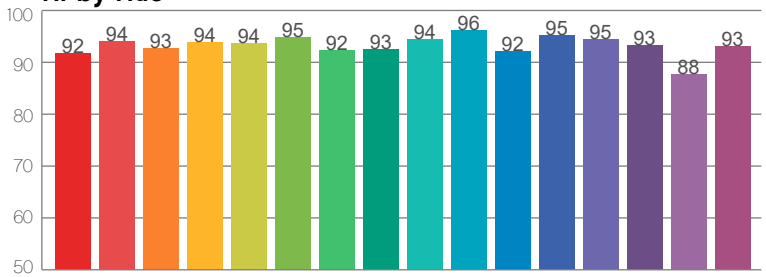
Color Vector Graphic



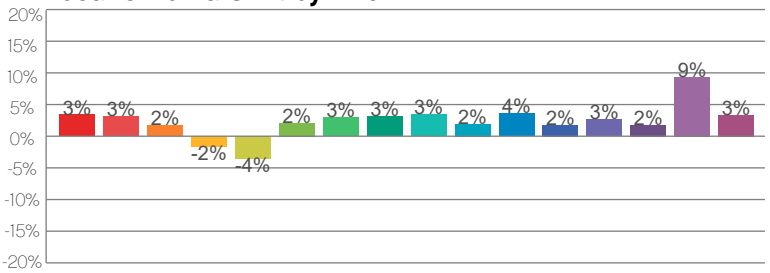
Color Distortion Graphic



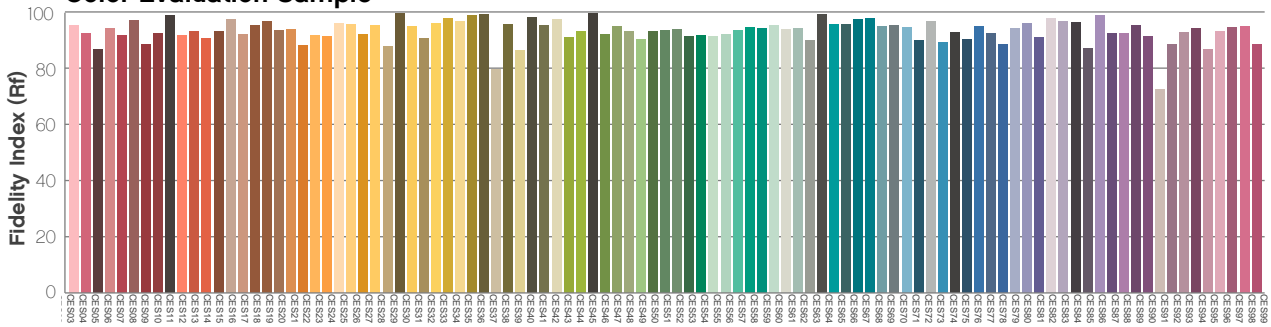
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 25deg Lens - Full Power - Cali Off

Report Summary

Measurements

Fixture Output: 7923 lm
Fixture Peak: 25527 cd
Fixture Efficacy: 73 lm/W
Intensity @ 5m: 1021 lux
Color Temperature: 5739 K
CRI: 92.4 CRI R9 Value: 68.7
CQS: 95.8
TLCI: 95
TM-30 Rf: 93.2
TM-30 Rg: 104.5
Beam Angle (50%): 28.2°
Field Angle (10%): 51.8°
Cutoff Angle (3%): 78.9°

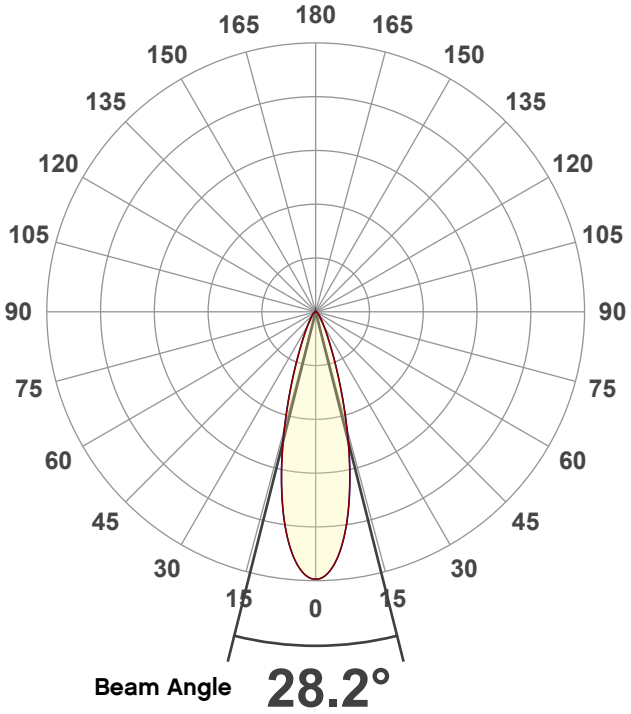
Conditions

AC Supply: 118 V, 60 Hz
Power: 109.4 W
Current: 0.926 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 7/29/2026 to LM-63-2002 Standards.

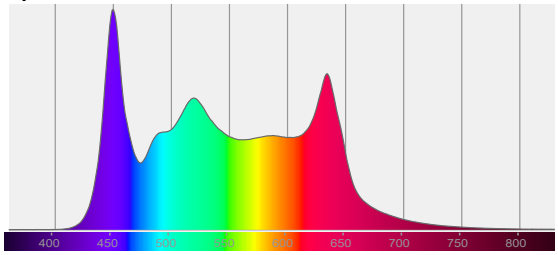
Overall Measurement

Angular Beam Distribution



Beam Angle 28.2°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.327
Y: 0.337

Light Quality

CRI: 92.4

Color Temperature

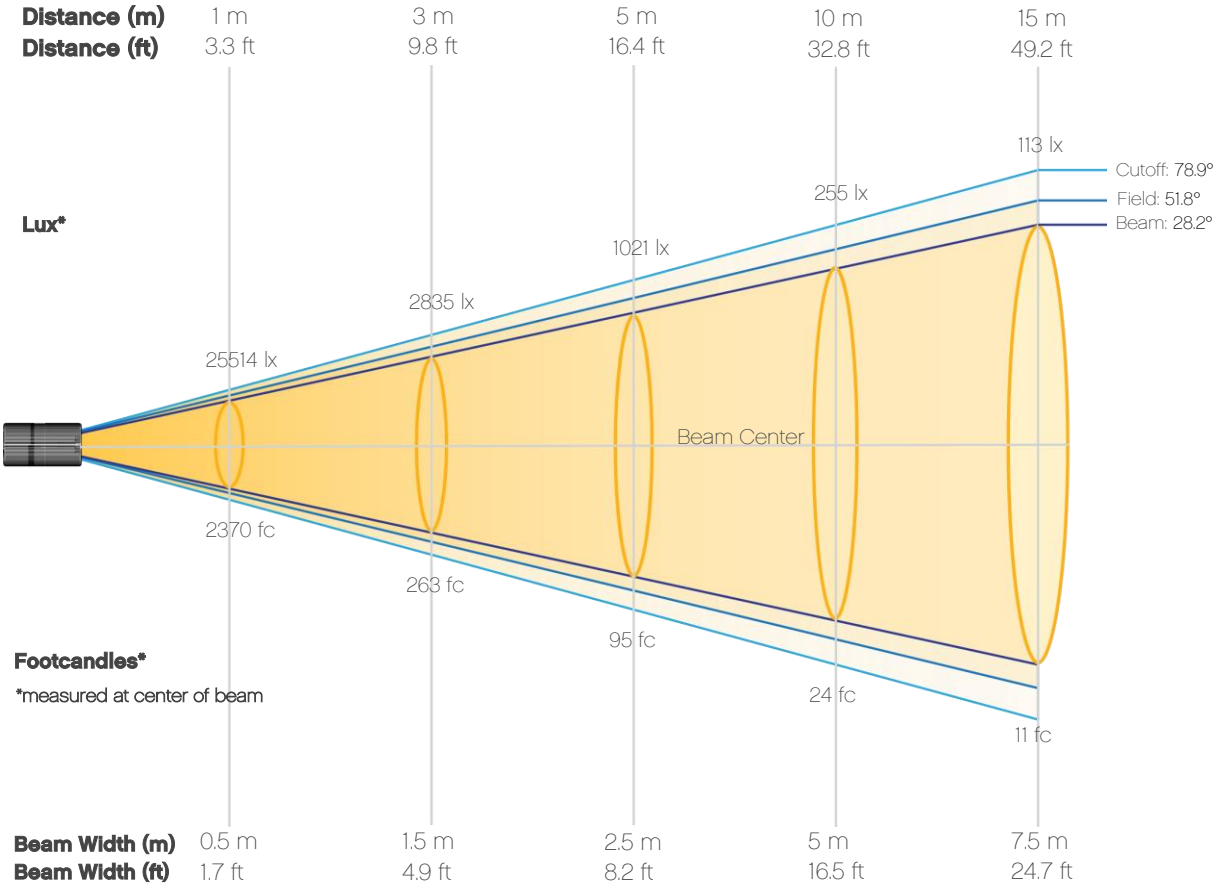
5739 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 25deg Lens - Full Power - Cali Off

Beam Details



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

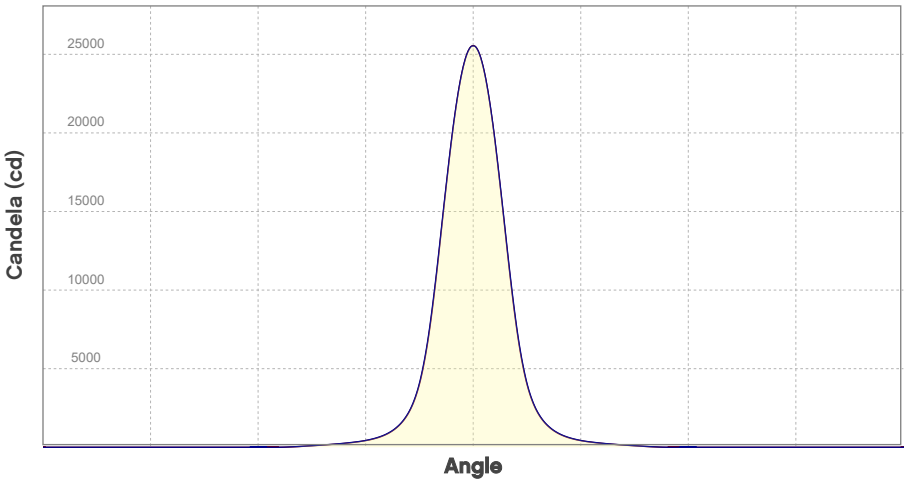
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	25514	6379	2835	1595	1021	709	521	399	315	255
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	211	177	151	130	113	100	88	79	71	64
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2370	593	263	148	95	66	48	37	29	24
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	20	16	14	12	11	9	8	7	7	6

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Photometric & Chromaticity Report

Ovation Rêve H1: 25deg Lens - Full Power - Cali Off

Candela Plot

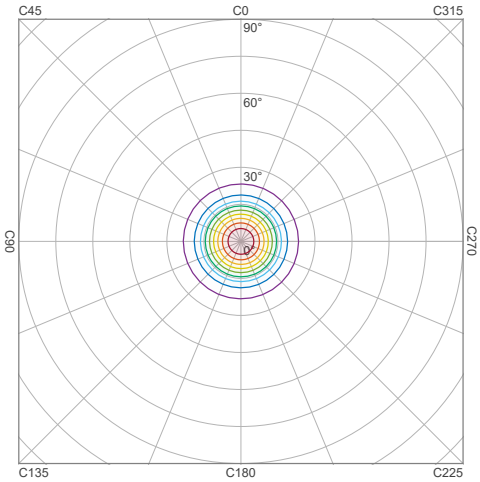


Beam Angle (50%): 28.2°
Field Angle (10%): 51.8°
Cutoff Angle (3%): 78.9°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

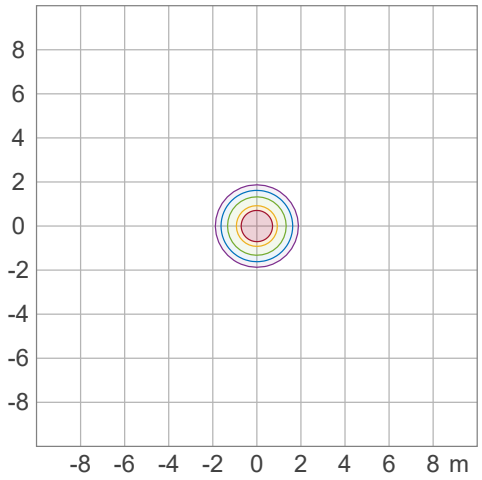
ISO Candela Diagram



90 %	22962.9 cd
80 %	20411.5 cd
70 %	17860.1 cd
60 %	15308.6 cd
50 %	12757.2 cd
40 %	10205.7 cd
30 %	7654.3 cd
20 %	5102.9 cd
10 %	2551.4 cd

Peak intensity: 25514.4 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1417 lx
30.0 %	850 lx
10.0 %	283 lx
5.0 %	142 lx
3.0 %	85 lx

Peak illuminance: 2835 lx
Mounting height: 3 m
Number of c-planes: 8

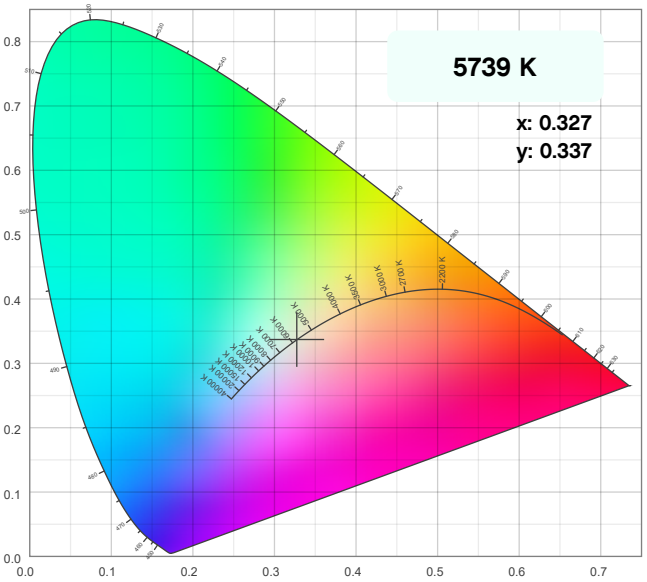
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Photometric & Chromaticity Report

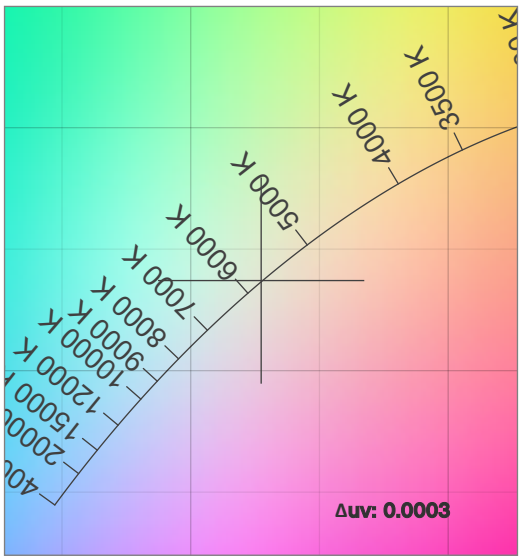
Ovation Rêve H1: 25deg Lens - Full Power - Cali Off

Chromaticity

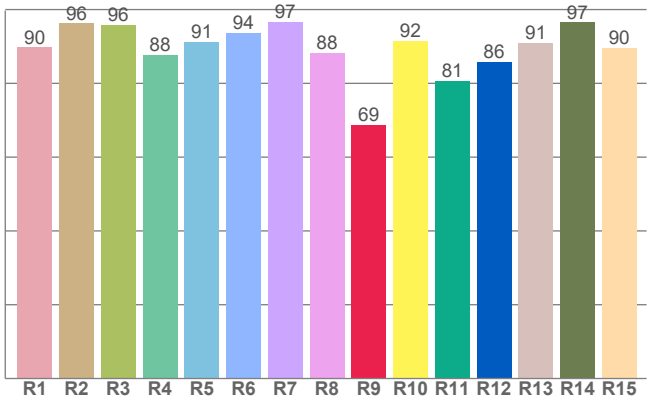
CIE 1931



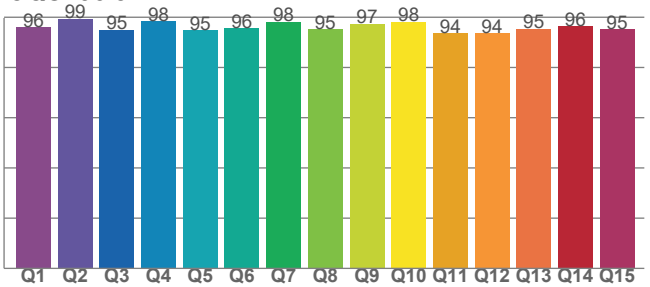
CIE 1931 - Zoom



CRI: 92.4 (R1-R8)



CQS: 95.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5739 K	0.327	0.337

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0003	0.337	0.205

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
92.4	68.7	95.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
95	93.2	104.5

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Photometric & Chromaticity Report

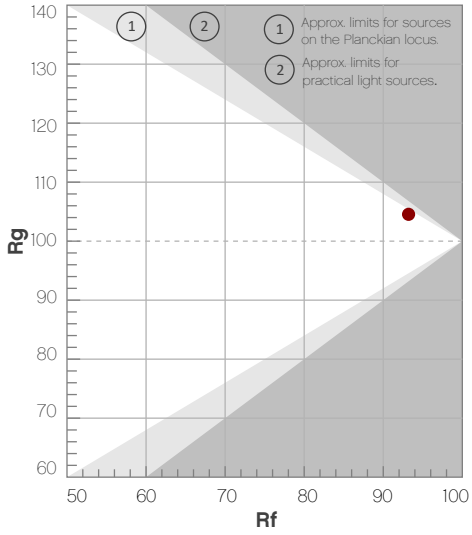
Ovation Rêve H1: 25deg Lens - Full Power - Cali Off

TM-30 Details

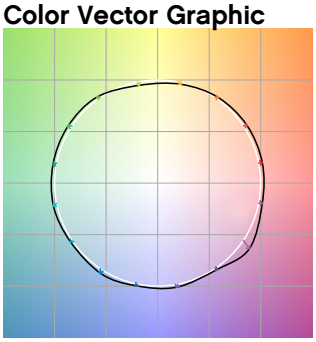
Rf 93.2
Fidelity Index (Rg)

Rg 104.5
Gammut Index (Rg)

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



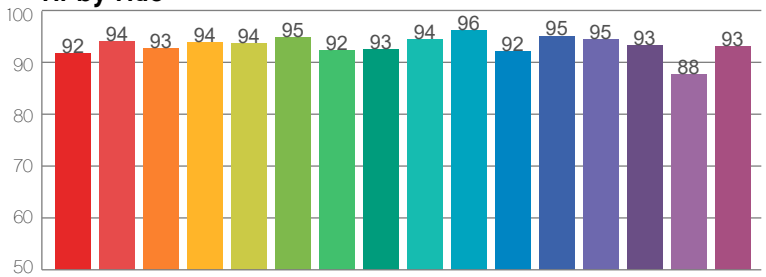
Color Vector Graphic



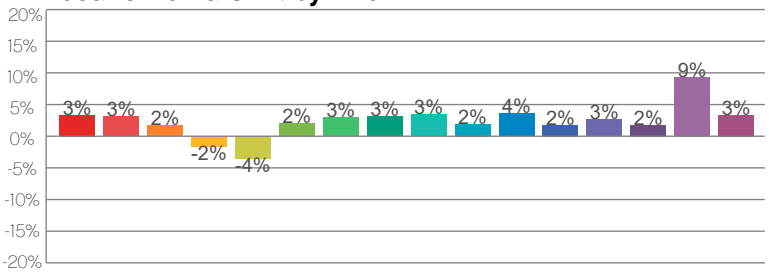
Color Distortion Graphic



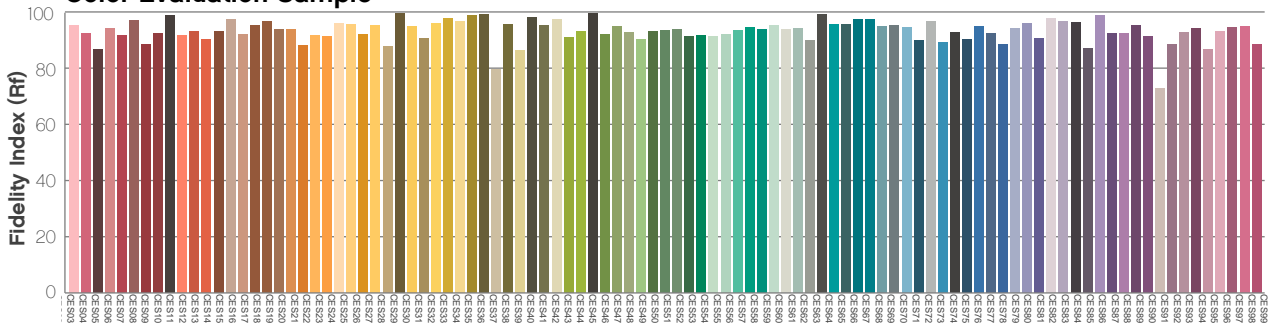
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 3200K - Cali Off

Report Summary

Measurements

Fixture Output: 6395 lm
Fixture Peak: 10664 cd
Fixture Efficacy: 67 lm/W
Intensity @ 5m: 426 lux
Color Temperature: 3054 K
CRI: 96.6 CRI R9 Value: 94.6
CQS: 94.9
TLCI: 90
TM-30 Rf: 94.5
TM-30 Rg: 102.9
Beam Angle (50%): 45.3°
Field Angle (10%): 70.2°
Cutoff Angle (3%): 91.5°

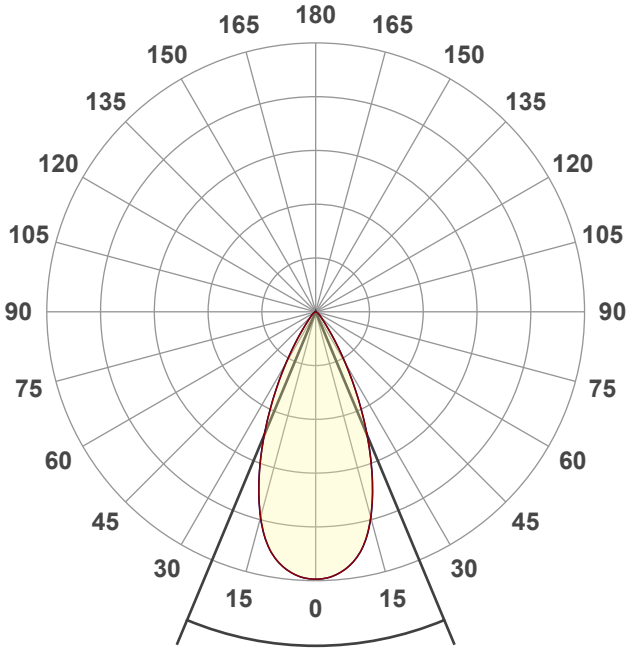
Conditions

AC Supply: 118 V, 60 Hz
Power: 100.11 W
Current: 0.847 A
Power Factor: 0.95

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/28/2026 to LM-63-2002 Standards.

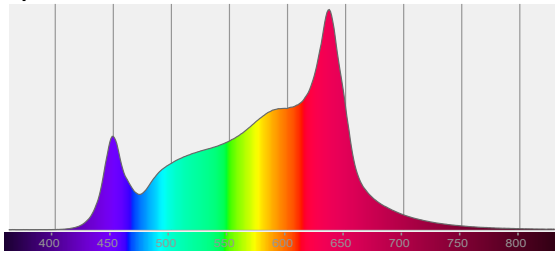
Overall Measurement

Angular Beam Distribution



Beam Angle **45.3°**

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.427
Y: 0.388

Light Quality

CRI: 96.6

Color Temperature

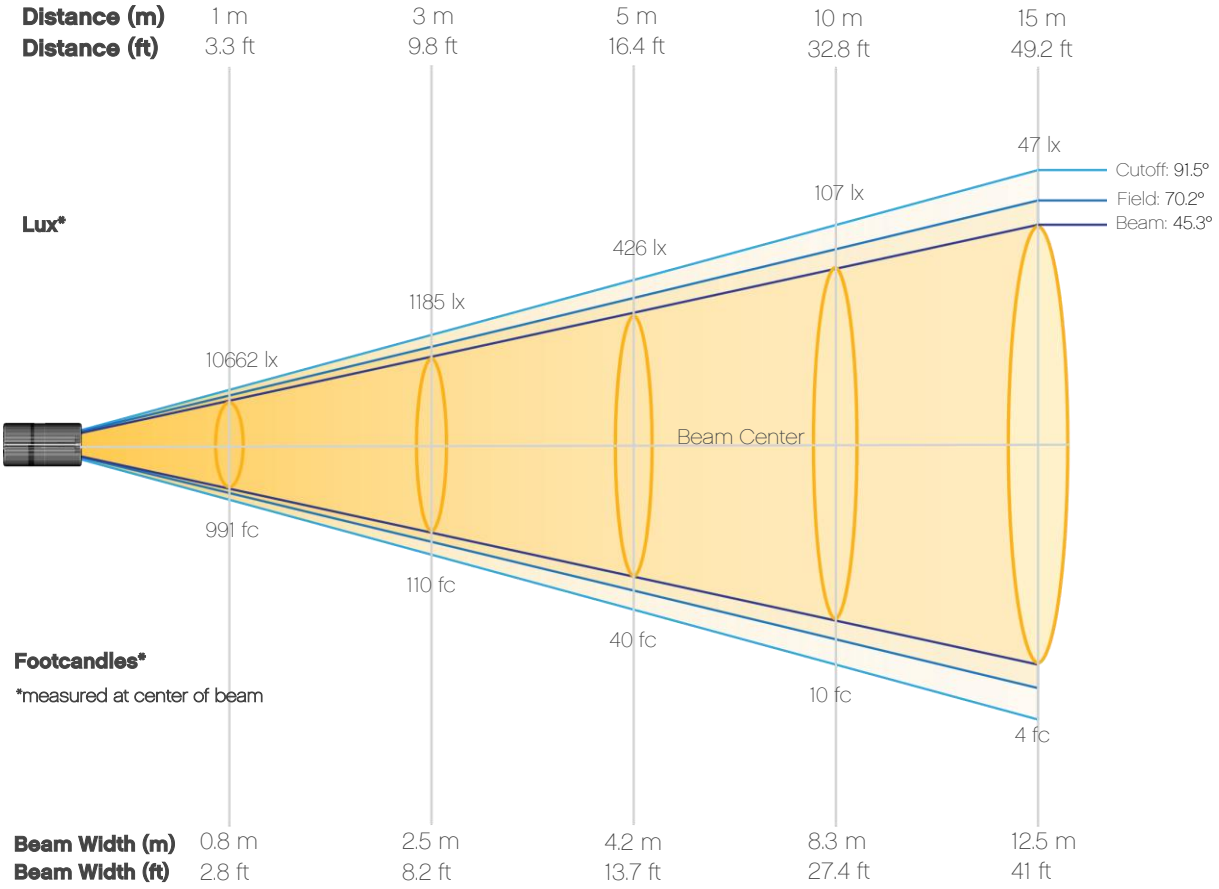
3054 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 3200K - Cali Off

Beam Details



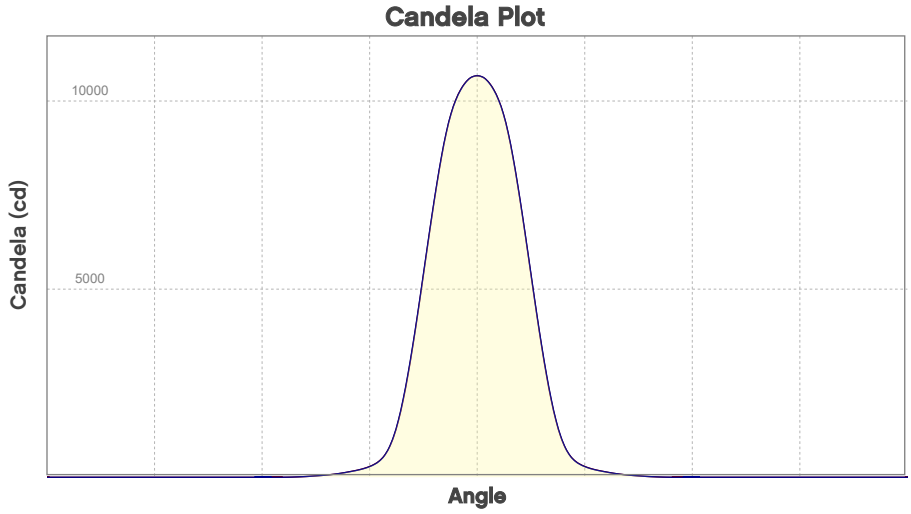
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10662	2666	1185	666	426	296	218	167	132	107
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	88	74	63	54	47	42	37	33	30	27
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	991	248	110	62	40	28	20	15	12	10
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	8	7	6	5	4	4	3	3	3	2

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 3200K - Cali Off

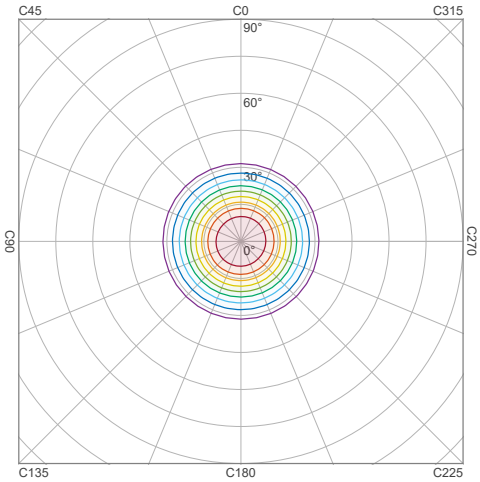


Beam Angle (50%): 45.3°
Field Angle (10%): 70.2°
Cutoff Angle (3%): 91.5°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

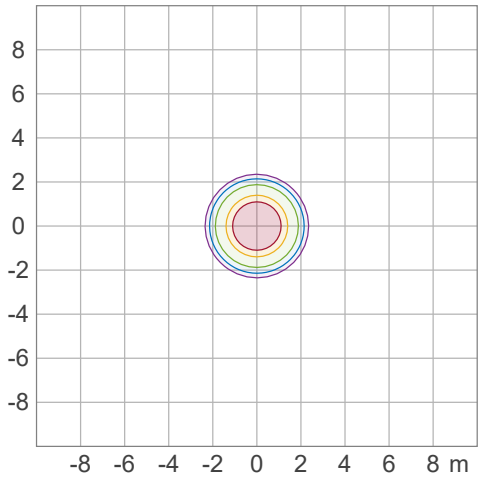
ISO Candela Diagram



90 %	9597.0 cd
80 %	8530.6 cd
70 %	7464.3 cd
60 %	6398.0 cd
50 %	5331.6 cd
40 %	4265.3 cd
30 %	3199.0 cd
20 %	2132.7 cd
10 %	1066.3 cd

Peak intensity: 10663.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	592 lx
30.0 %	355 lx
10.0 %	118 lx
5.0 %	59.2 lx
3.0 %	35.5 lx

Peak illuminance: 1185 lx
Mounting height: 3 m
Number of c-planes: 8

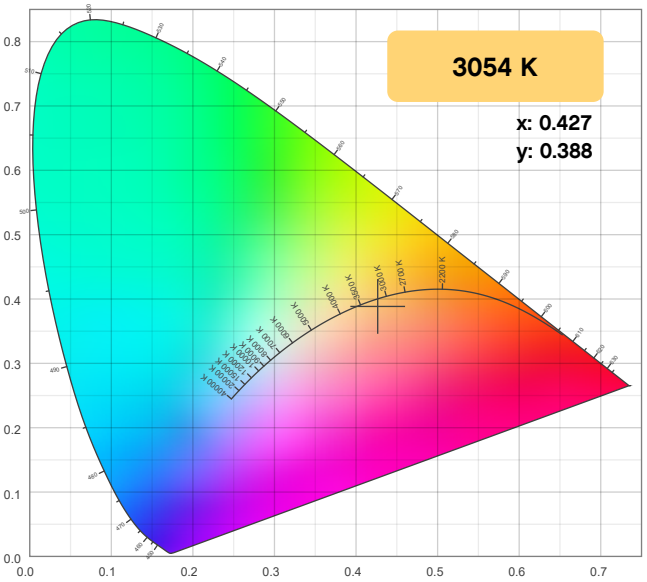
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Photometric & Chromaticity Report

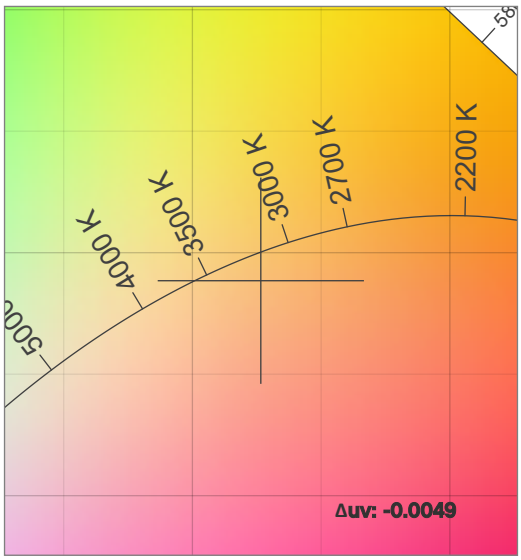
Ovation Rêve H1: 45deg Lens - 3200K - Cali Off

Chromaticity

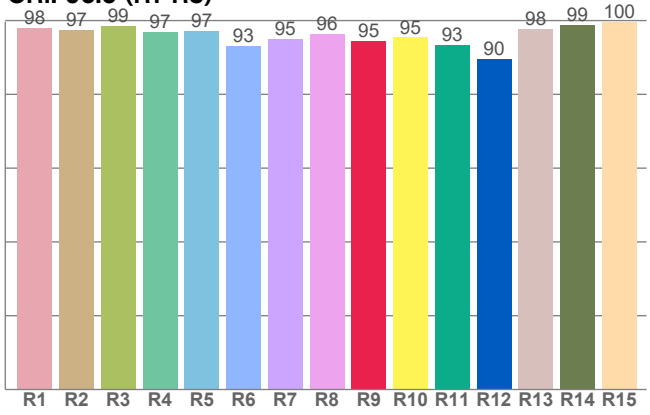
CIE 1931



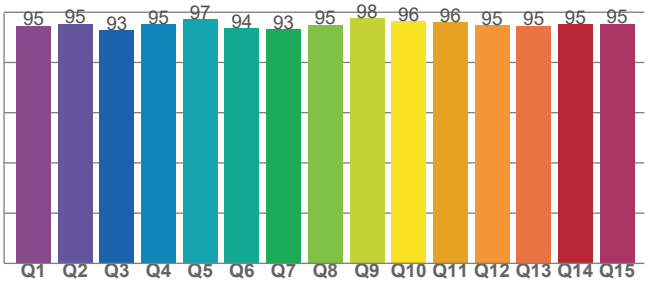
CIE 1931 - Zoom



CRI: 96.6 (R1-R8)



CQS: 94.9



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3054 K	0.427	0.388

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0049	0.388	0.251

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
96.6	94.6	94.9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
90	94.5	102.9

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Photometric & Chromaticity Report

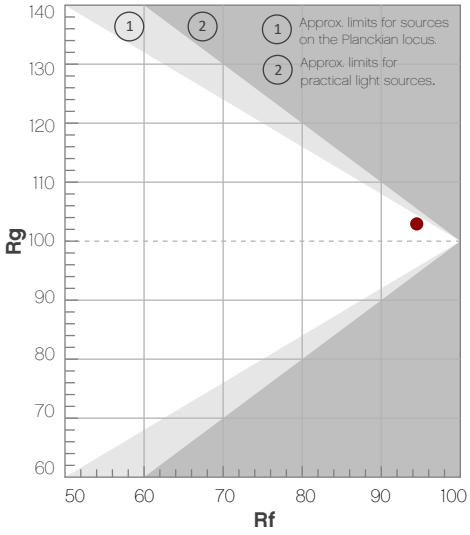
Ovation Rêve H1: 45deg Lens - 3200K - Cali Off

TM-30 Details

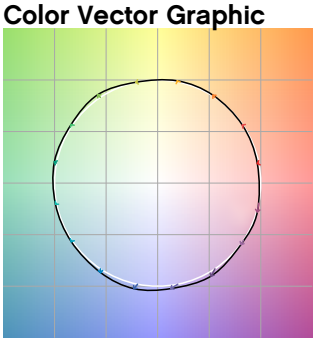
Rf 94.5
Fidelity Index (Rg)

Rg 102.9
Gammut Index (Rg)

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



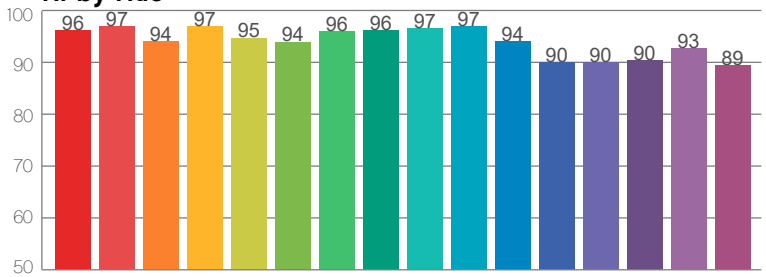
Color Vector Graphic



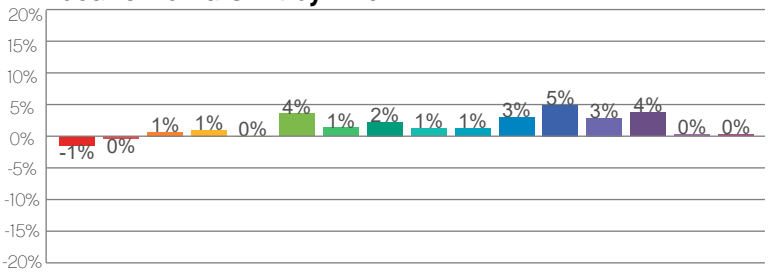
Color Distortion Graphic



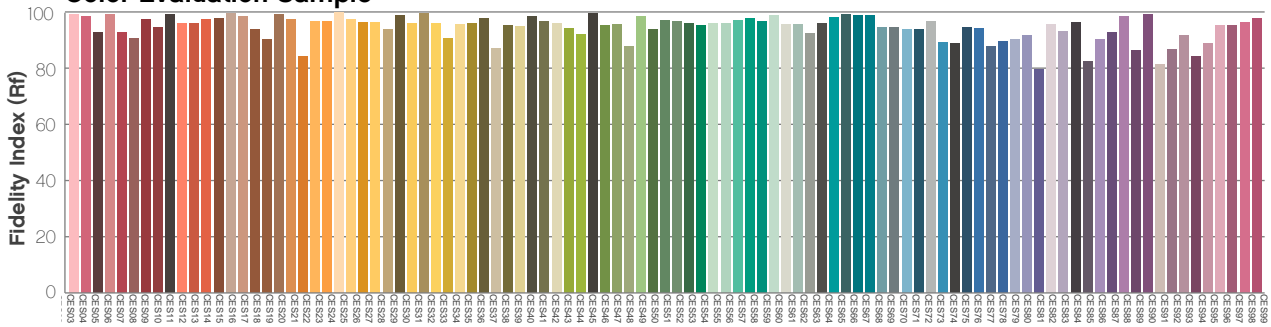
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 4000K - Cali Off

Report Summary

Measurements

Fixture Output: 7833 lm
Fixture Peak: 13074 cd
Fixture Efficacy: 74 lm/W
Intensity @ 5m: 523 lux
Color Temperature: 3867 K
CRI: 95.6 CRI R9 Value: 93.2
CQS: 97.4
TLCI: 93
TM-30 Rf: 94.2
TM-30 Rg: 102.3
Beam Angle (50%): 45.2°
Field Angle (10%): 70.1°
Cutoff Angle (3%): 91.5°

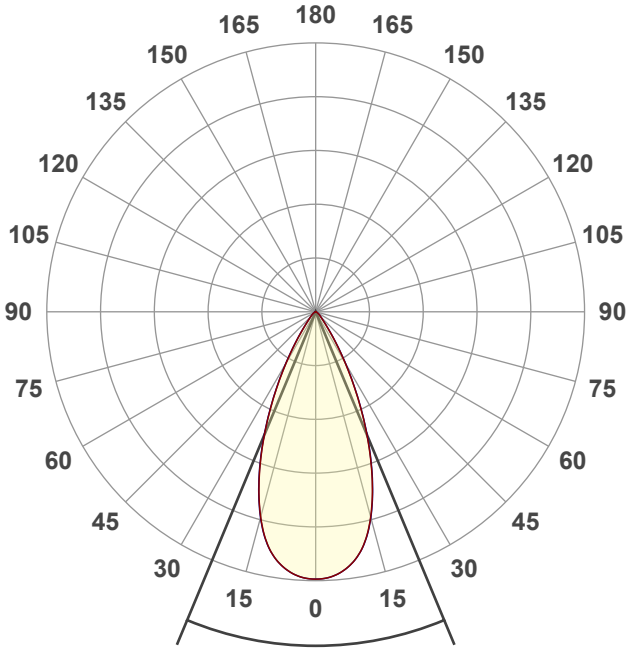
Conditions

AC Supply: 118 V, 60 Hz
Power: 106.16 W
Current: 0.900 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 7/28/2026 to LM-63-2002 Standards.

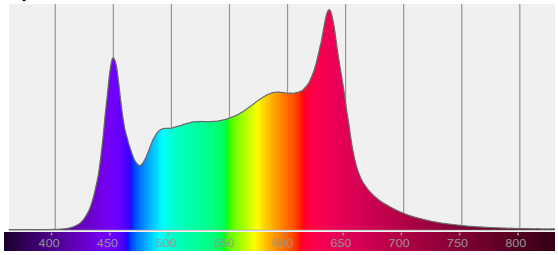
Overall Measurement

Angular Beam Distribution



Beam Angle 45.2°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.382
Y: 0.364

Light Quality

CRI: 95.6

Color Temperature

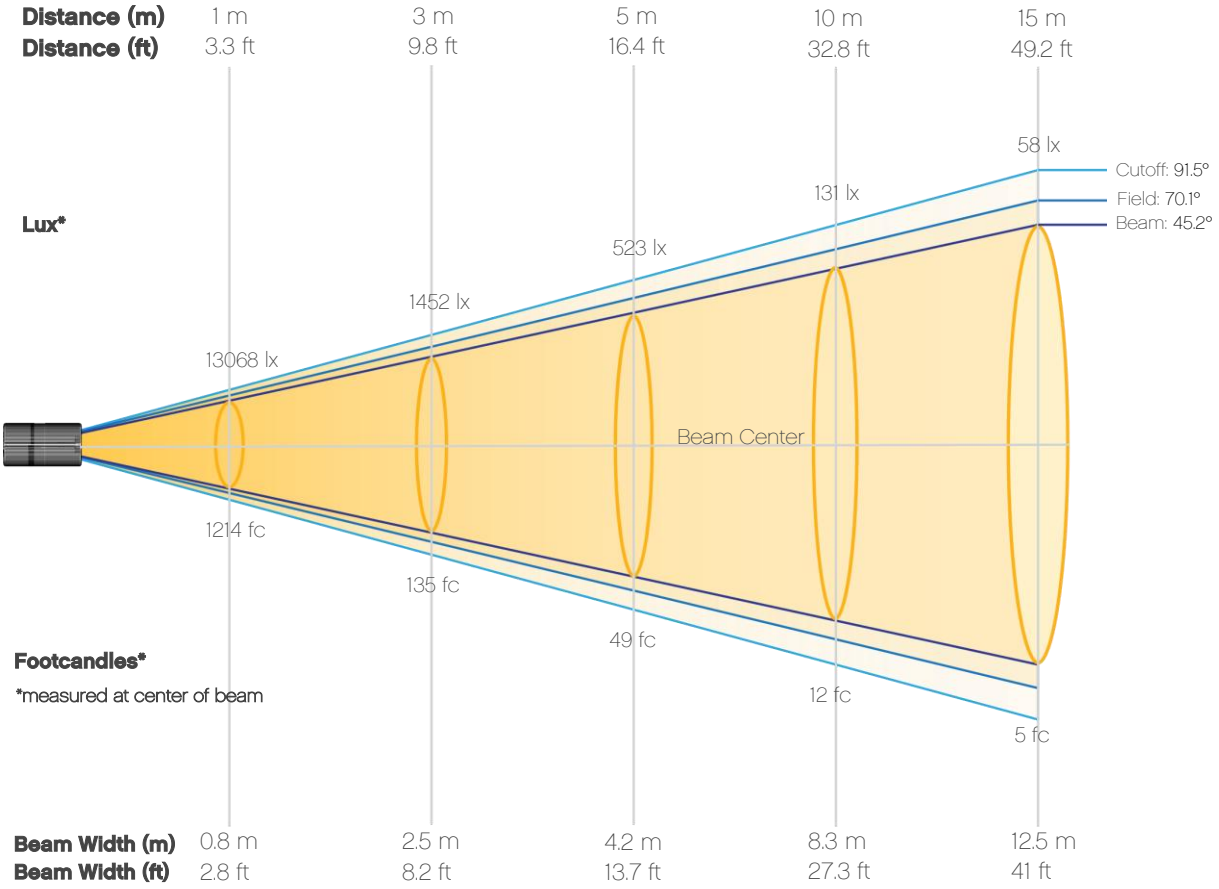
3867 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 4000K - Cali Off

Beam Details



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

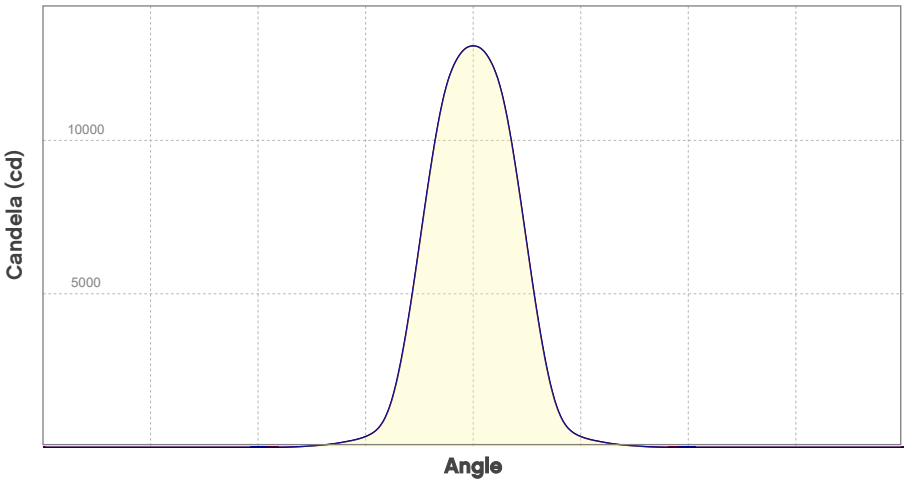
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13068	3267	1452	817	523	363	267	204	161	131
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	108	91	77	67	58	51	45	40	36	33
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1214	304	135	76	49	34	25	19	15	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	8	7	6	5	5	4	4	3	3

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 4000K - Cali Off

Candela Plot

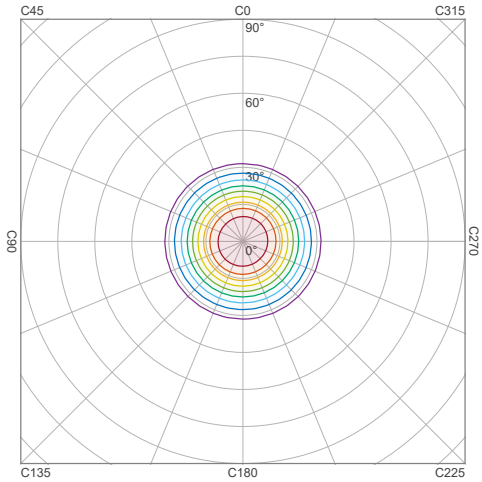


Beam Angle (50%): 45.2°
Field Angle (10%): 70.1°
Cutoff Angle (3%): 91.5°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

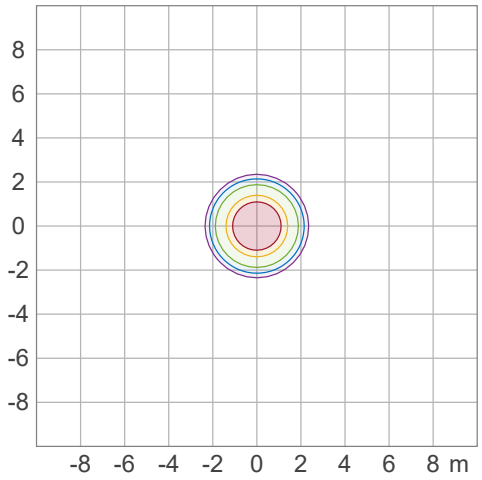
ISO Candela Diagram



90 %	11765.6 cd
80 %	10458.3 cd
70 %	9151.0 cd
60 %	7843.7 cd
50 %	6536.4 cd
40 %	5229.1 cd
30 %	3921.9 cd
20 %	2614.6 cd
10 %	1307.3 cd

Peak intensity: 13072.9 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	726 lx
30.0 %	436 lx
10.0 %	145 lx
5.0 %	72.6 lx
3.0 %	43.6 lx

Peak illuminance: 1452 lx
Mounting height: 3 m
Number of c-planes: 8

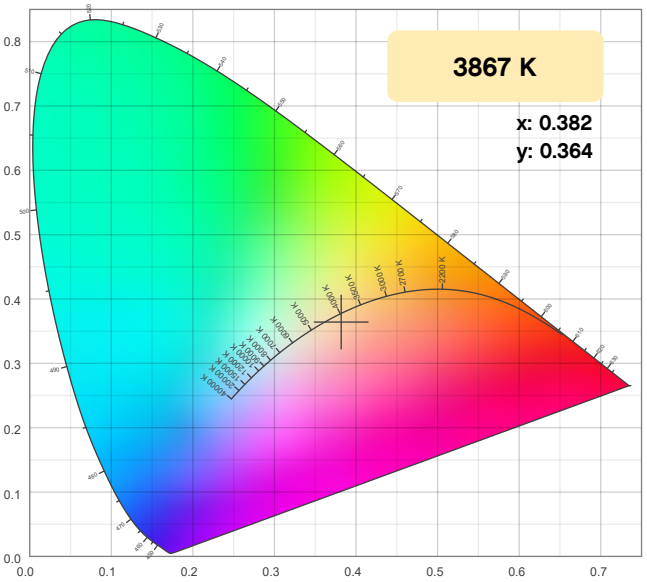
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Photometric & Chromaticity Report

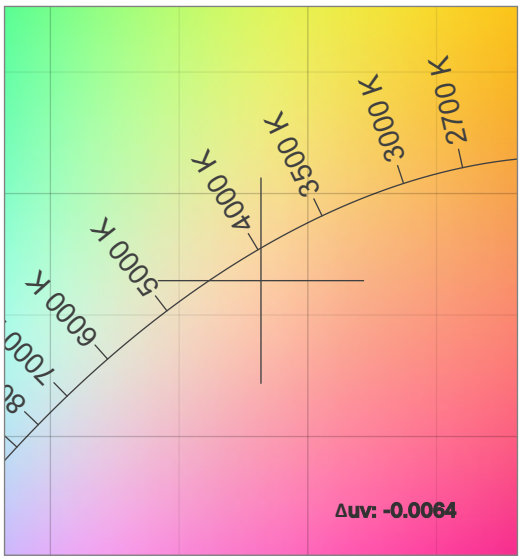
Ovation Rêve H1: 45deg Lens - 4000K - Cali Off

Chromaticity

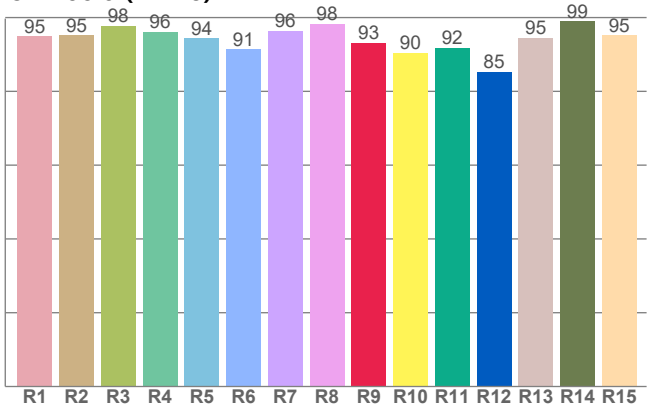
CIE 1931



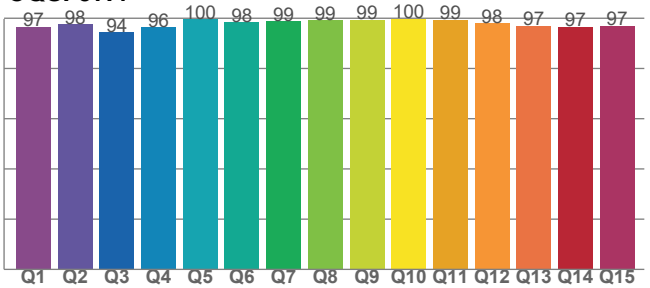
CIE 1931 - Zoom



CRI: 95.6 (R1-R8)



CQS: 97.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3867 K	0.382	0.364

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0064	0.364	0.231

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
95.6	93.2	97.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
93	94.2	102.3

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Photometric & Chromaticity Report

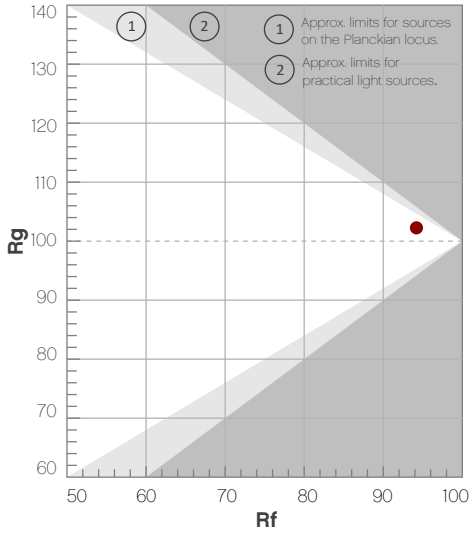
Ovation Rêve H1: 45deg Lens - 4000K - Cali Off

TM-30 Details

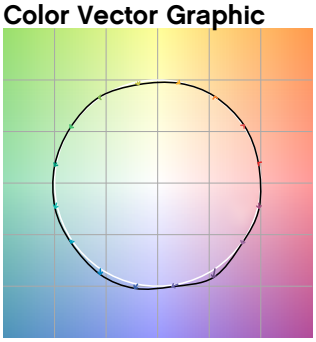
Rf 94.2
Fidelity Index (Rg)

Rg 102.3
Gammut Index (Rg)

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



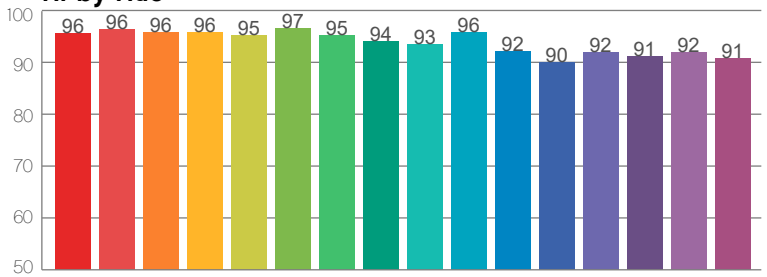
Color Vector Graphic



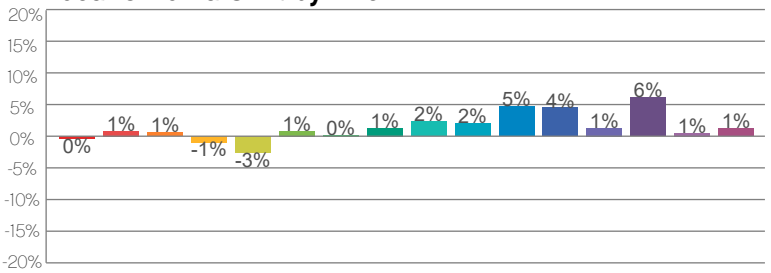
Color Distortion Graphic



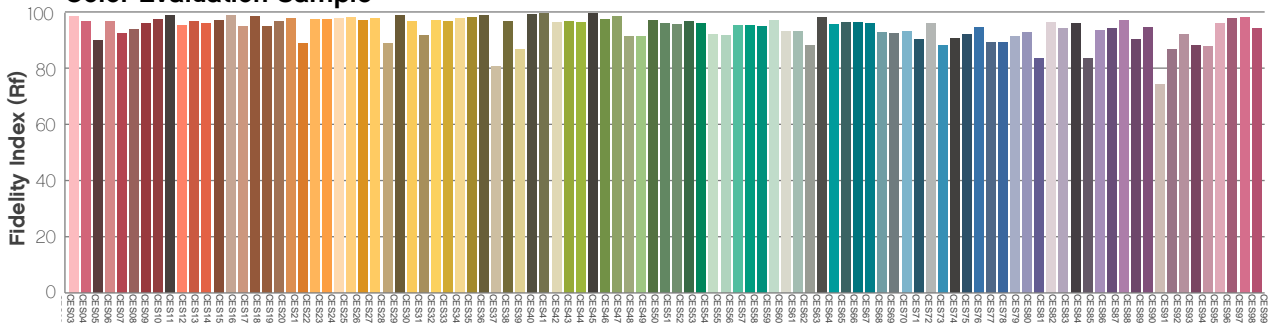
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 5600K - Cali Off

Report Summary

Measurements

Fixture Output: 7797 lm
Fixture Peak: 13080 cd
Fixture Efficacy: 72 lm/W
Intensity @ 5m: 523 lux
Color Temperature: 5850 K
CRI: 94.2 CRI R9 Value: 82.8
CQS: 96.4
TLCI: 96
TM-30 Rf: 93.5
TM-30 Rg: 103.9
Beam Angle (50%): 45.1°
Field Angle (10%): 70°
Cutoff Angle (3%): 91.4°

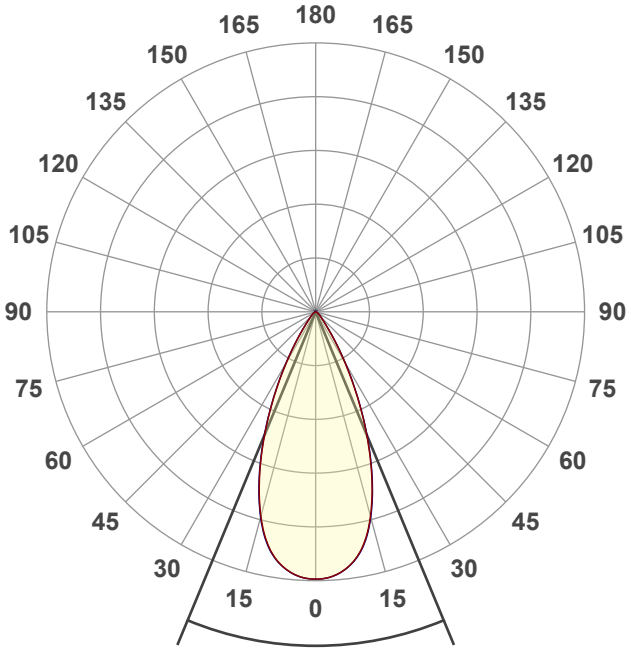
Conditions

AC Supply: 118 V, 60 Hz
Power: 108.74 W
Current: 0.920 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 7/28/2026 to LM-63-2002 Standards.

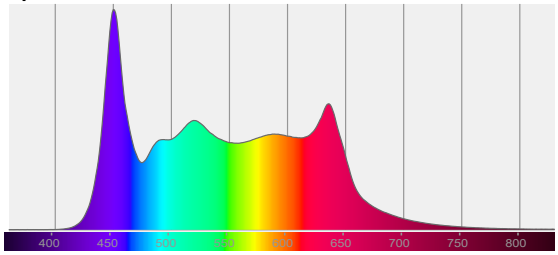
Overall Measurement

Angular Beam Distribution



Beam Angle 45.1°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.326
Y: 0.325

Light Quality

CRI: 94.2

Color Temperature

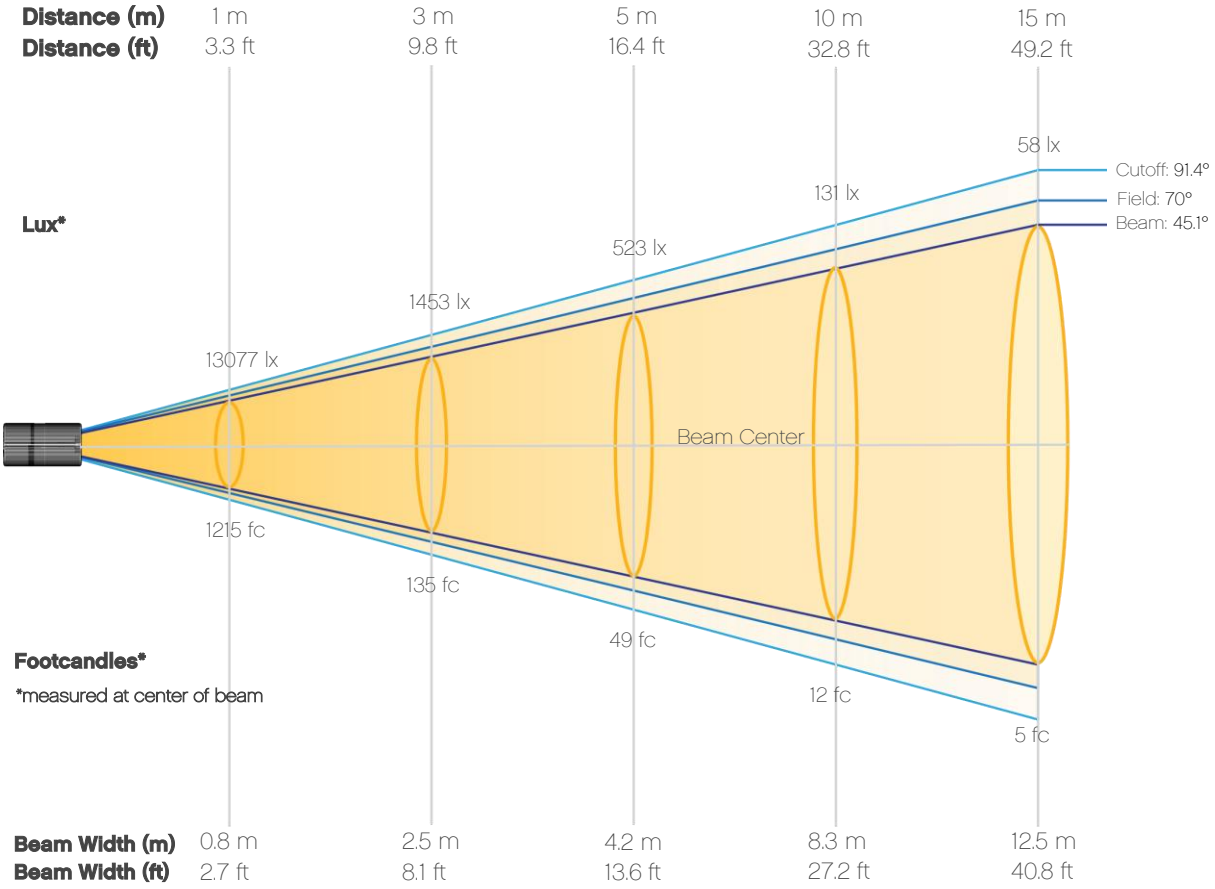
5850 K

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 5600K - Cali Off

Beam Details



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

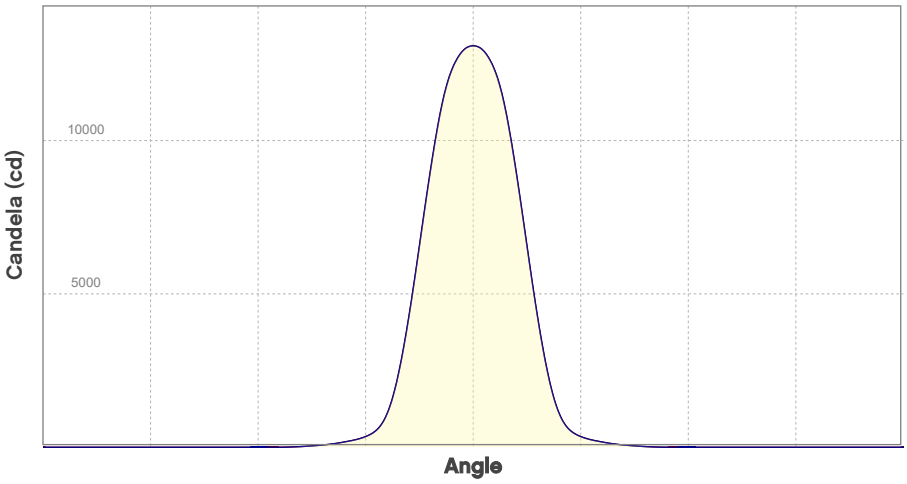
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	13077	3269	1453	817	523	363	267	204	161	131
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	108	91	77	67	58	51	45	40	36	33
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1215	304	135	76	49	34	25	19	15	12
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	10	8	7	6	5	5	4	4	3	3

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Photometric & Chromaticity Report

Ovation Rêve H1: 45deg Lens - 5600K - Cali Off

Candela Plot

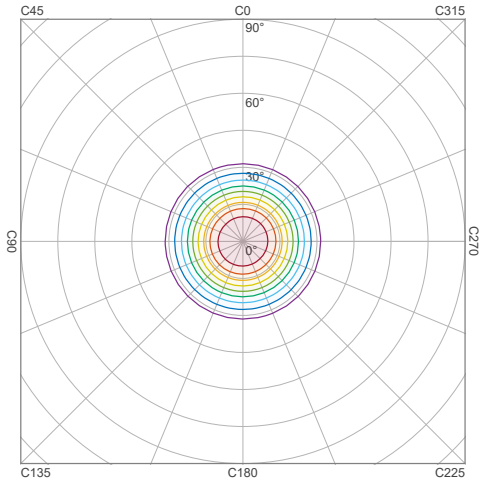


Beam Angle (50%): 45.1°
Field Angle (10%): 70°
Cutoff Angle (3%): 91.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

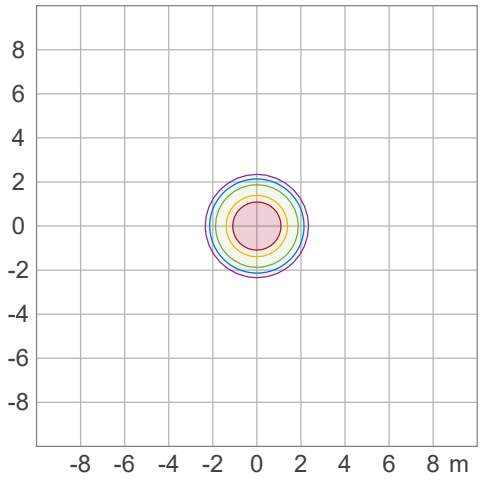
ISO Candela Diagram



90 %	11771.0 cd
80 %	10463.1 cd
70 %	9155.2 cd
60 %	7847.3 cd
50 %	6539.4 cd
40 %	5231.6 cd
30 %	3923.7 cd
20 %	2615.8 cd
10 %	1307.9 cd

Peak intensity: 13078.9 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	726 lx
30.0 %	436 lx
10.0 %	145 lx
5.0 %	72.6 lx
3.0 %	43.6 lx

Peak illuminance: 1453 lx
Mounting height: 3 m
Number of c-planes: 8

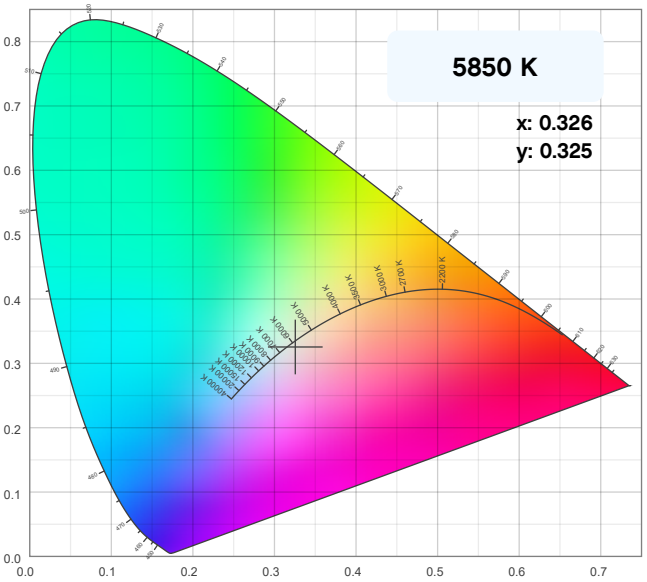
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Photometric & Chromaticity Report

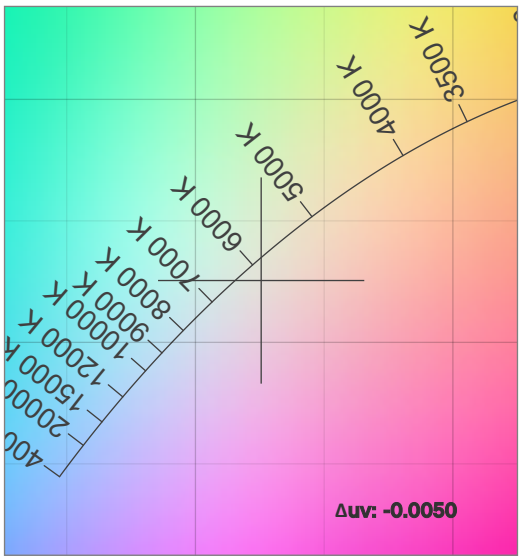
Ovation Rêve H1: 45deg Lens - 5600K - Cali Off

Chromaticity

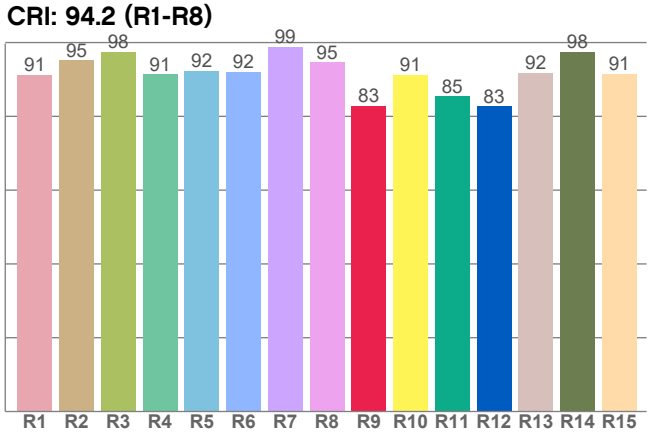
CIE 1931



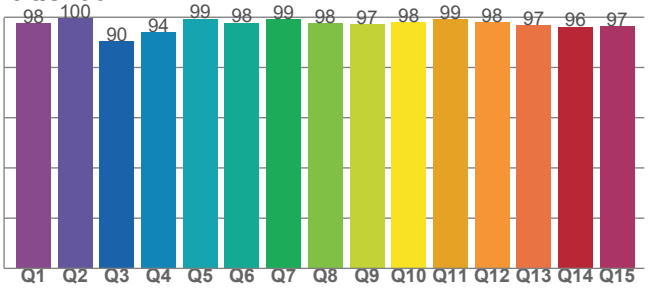
CIE 1931 - Zoom



CRI: 94.2 (R1-R8)



CQS: 96.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5850 K	0.326	0.325

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0050	0.325	0.208

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.2	82.8	96.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
96	93.5	103.9

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Photometric & Chromaticity Report

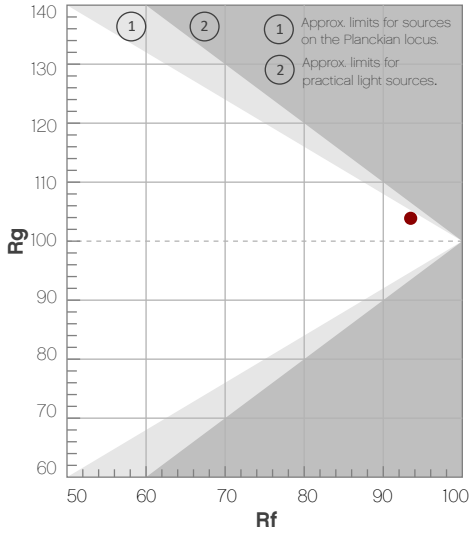
Ovation Rêve H1: 45deg Lens - 5600K - Cali Off

TM-30 Details

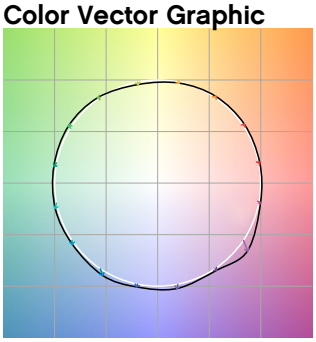
Rf 93.5
Fidelity Index
(Rg)

Rg 103.9
Gammut Index
(Rg)

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



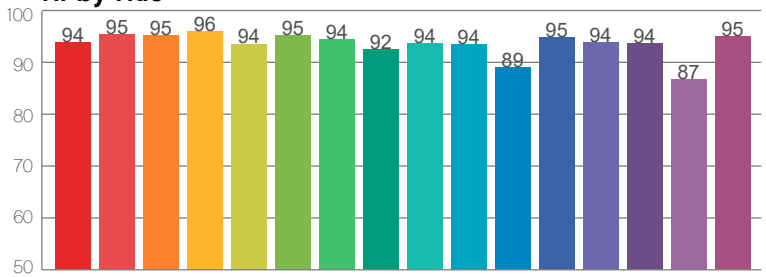
Color Vector Graphic



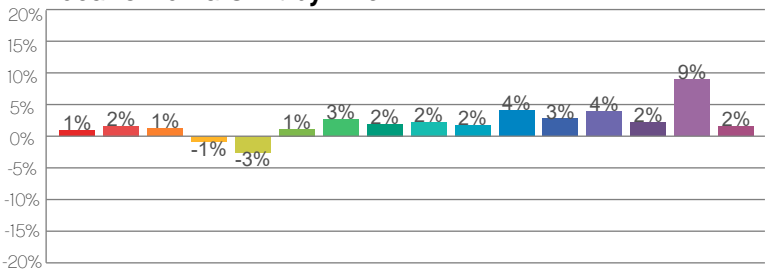
Color Distortion Graphic



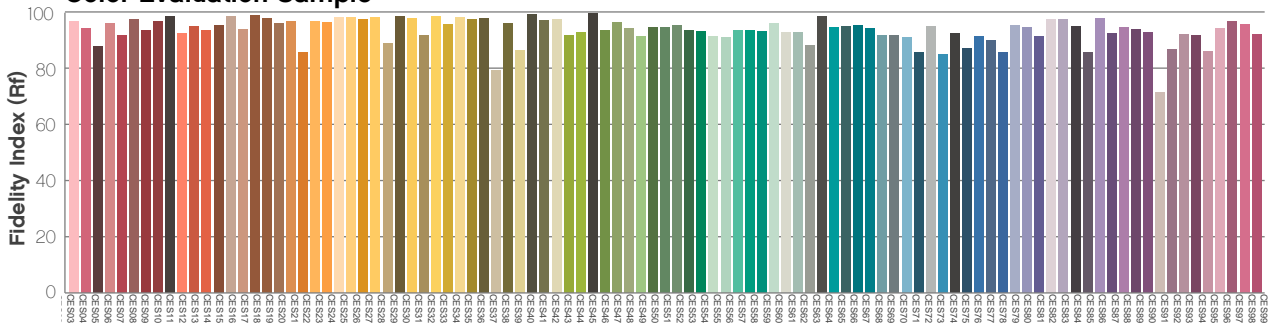
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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