OVATION

R Ê V E P2 IP

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

R Ê V E P2 IP

Photometrics & Chromaticity Reports

CHAUVET PROFESSIONAL

Photometric & Chromaticity Report

Ovation Reve P2 IP: Narrow Lens - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 10688 lm
Fixture Peak: 94059 cd
Fixture Efficacy: 43 lm/W
Intensity @ 5m: 3762 lux
Color Temperature: 6296 K
CRI: 94.5 CRI R9 Value: 91.7
CQS: 92.0
TLCI: 97
TM-30 Rf: 91.5
TM-30 Rg: 100.5
Beam Angle (50%): 13.6°
Field Angle (10%): 29.2°
Cutoff Angle (3%): 49.5°

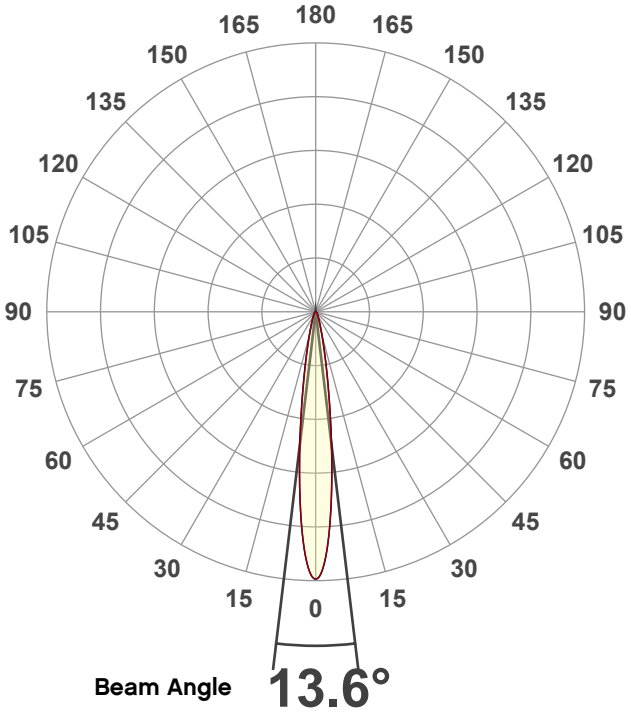
Conditions

AC Supply: 115 V, 60 Hz
Power: 250.92 W
Current: 2.18 A
Power Factor: 1.0

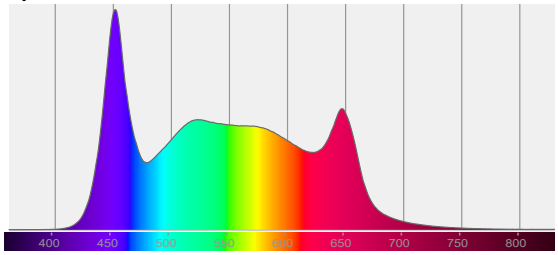
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/20/2026 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931):
X: 0.317
Y: 0.330

Light Quality

CRI: 94.5

Color Temperature

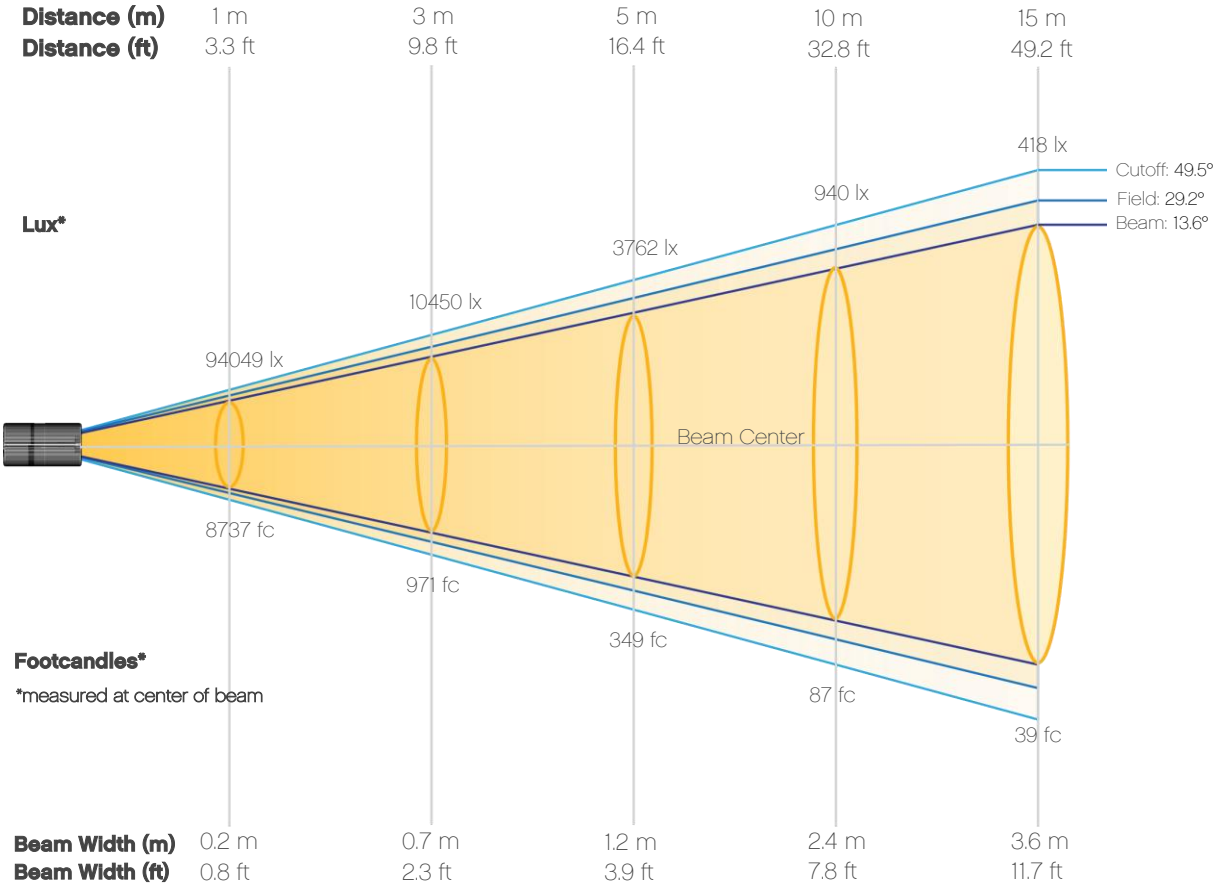
6296 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Narrow Lens - Full Power - Fan set to Full

Beam Details



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

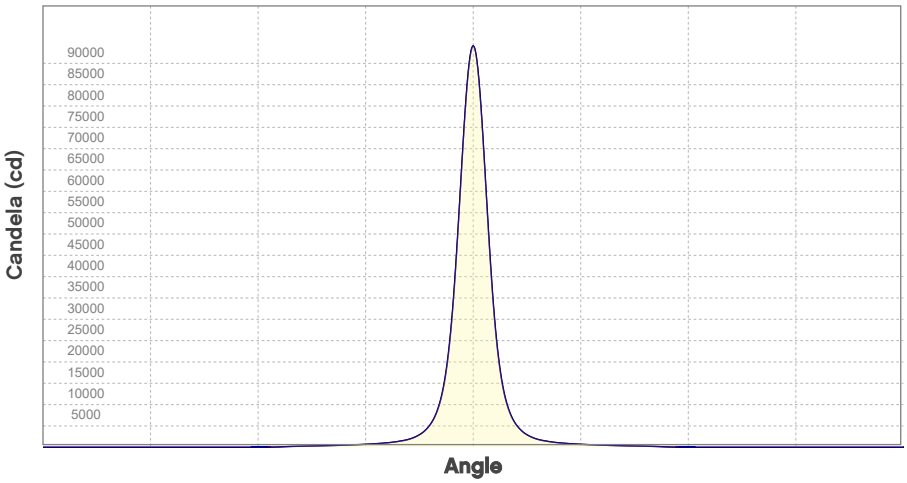
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	94049	23512	10450	5878	3762	2612	1919	1470	1161	940
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	777	653	557	480	418	367	325	290	261	235
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	8737	2184	971	546	349	243	178	137	108	87
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	72	61	52	45	39	34	30	27	24	22

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Narrow Lens - Full Power - Fan set to Full

Candela Plot

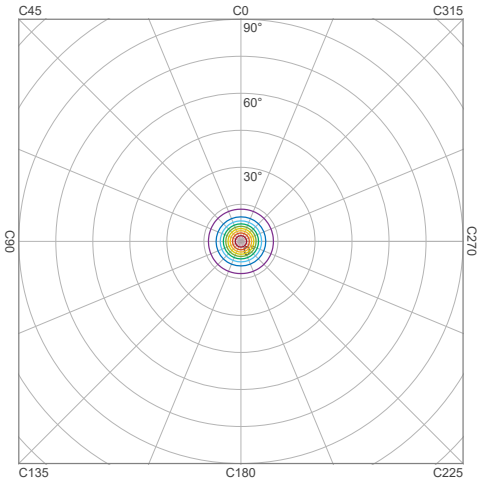


Beam Angle (50%): 13.6°
Field Angle (10%): 29.2°
Cutoff Angle (3%): 49.5°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

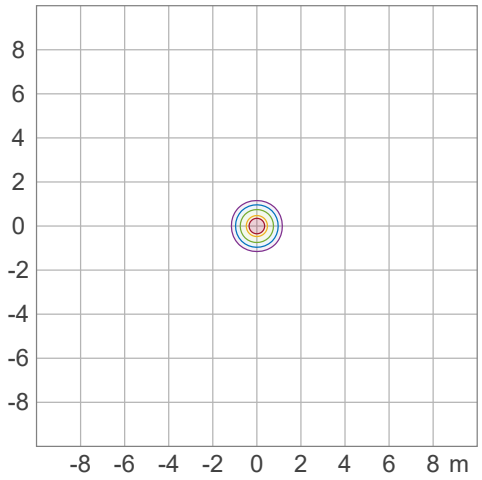
ISO Candela Diagram



90 %	84644.1 cd
80 %	75239.2 cd
70 %	65834.3 cd
60 %	56429.4 cd
50 %	47024.5 cd
40 %	37619.6 cd
30 %	28214.7 cd
20 %	18809.8 cd
10 %	9404.9 cd

Peak intensity: 94049.0 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	5225 lx
30.0 %	3135 lx
10.0 %	1045 lx
5.0 %	522 lx
3.0 %	313 lx

Peak illuminance: 10450 lx
Mounting height: 3 m
Number of c-planes: 8

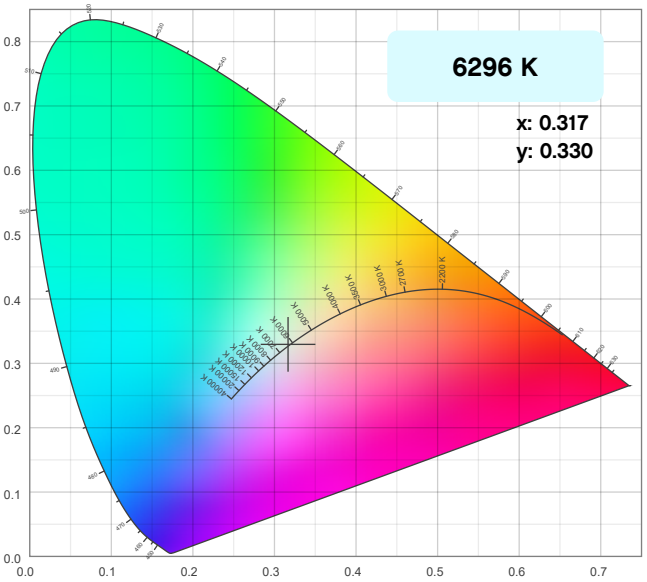
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Photometric & Chromaticity Report

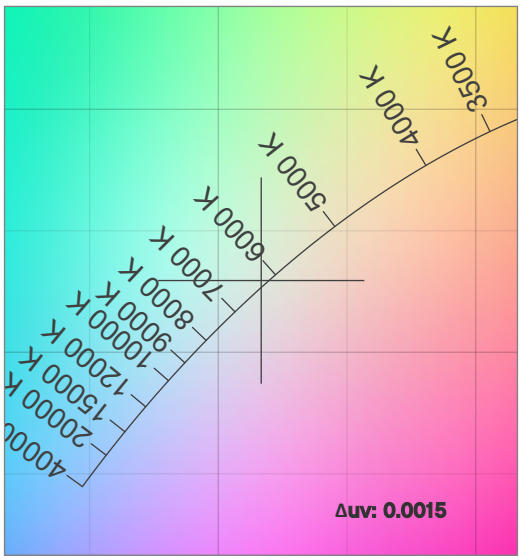
Ovation Reve P2 IP: Narrow Lens - Full Power - Fan set to Full

Chromaticity

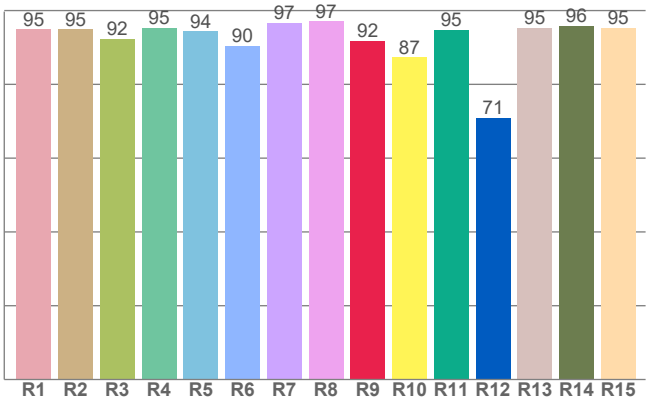
CIE 1931



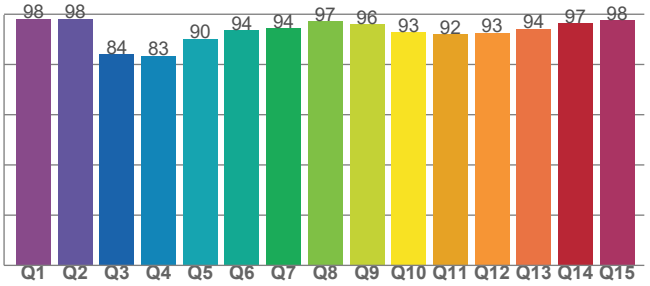
CIE 1931 - Zoom



CRI: 94.5 (R1-R8)



CQS: 92.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6296 K	0.317	0.330

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0015	0.330	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.5	91.7	92.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	91.5	100.5

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Photometric & Chromaticity Report

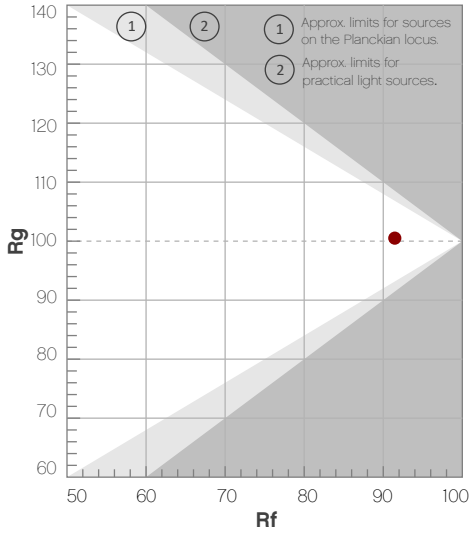
Ovation Reve P2 IP: Narrow Lens - Full Power - Fan set to Full

TM-30 Details

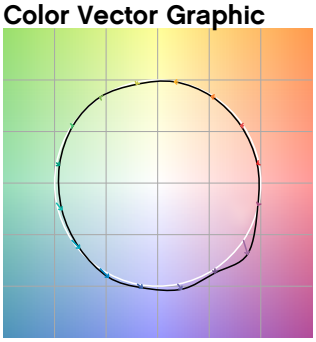
Rf 91.5
Fidelity Index
(Rg)

Rg 100.5
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	-2%	0%
2	95	-2%	2%
3	92	-1%	3%
4	93	0%	3%
5	91	-2%	1%
6	96	0%	0%
7	97	-1%	-1%
8	93	-3%	2%
9	91	-4%	7%
10	83	-2%	10%
11	82	2%	11%
12	92	2%	5%
13	93	6%	3%
14	93	3%	-2%
15	85	11%	-9%
16	96	0%	-2%



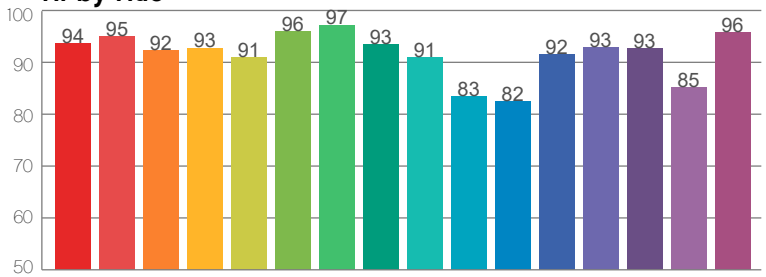
Color Vector Graphic



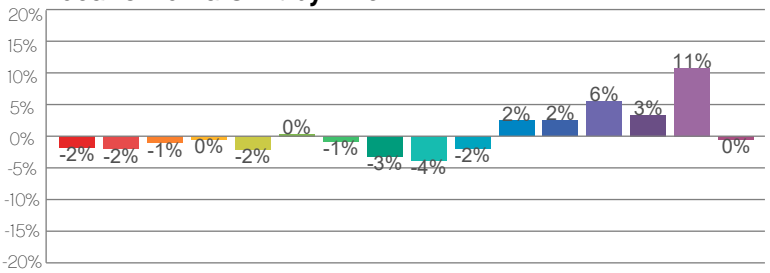
Color Distortion Graphic



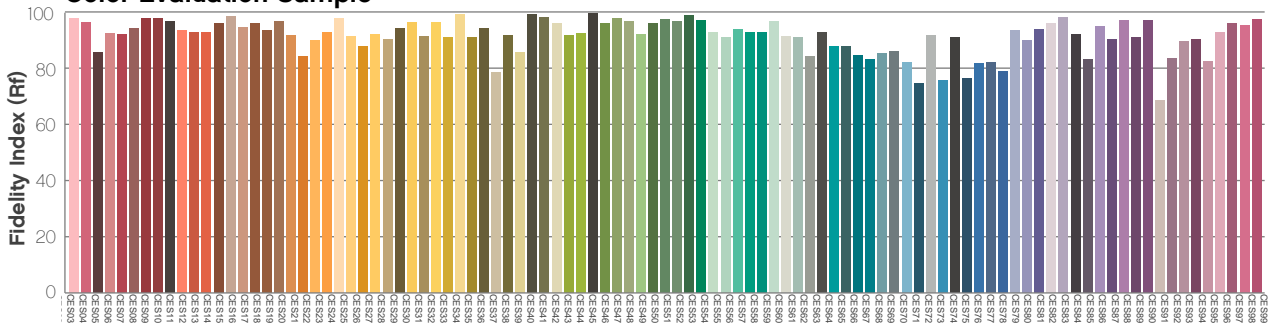
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 10532 lm
Fixture Peak: 41465 cd
Fixture Efficacy: 42 lm/W
Intensity @ 5m: 1658 lux
Color Temperature: 6361 K
CRI: 94.5 CRI R9 Value: 91.5
CQS: 92.0
TLCI: 97
TM-30 Rf: 91.4
TM-30 Rg: 100.5
Beam Angle (50%): 23.3°
Field Angle (10%): 44.6°
Cutoff Angle (3%): 75°

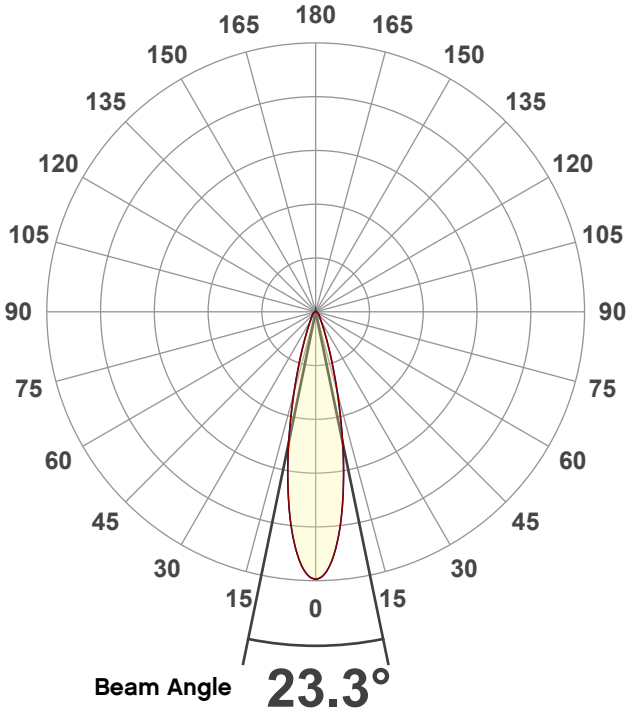
Conditions

AC Supply: 116 V, 60 Hz
Power: 250.65 W
Current: 2.16 A
Power Factor: 1.0

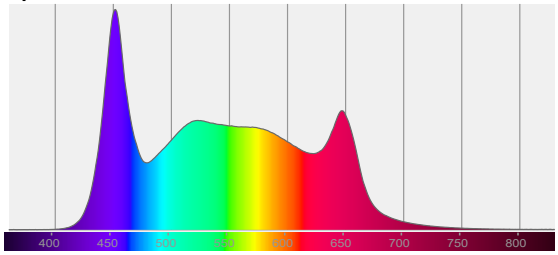
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Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.316
Y: 0.329

Light Quality

CRI: 94.5

Color Temperature

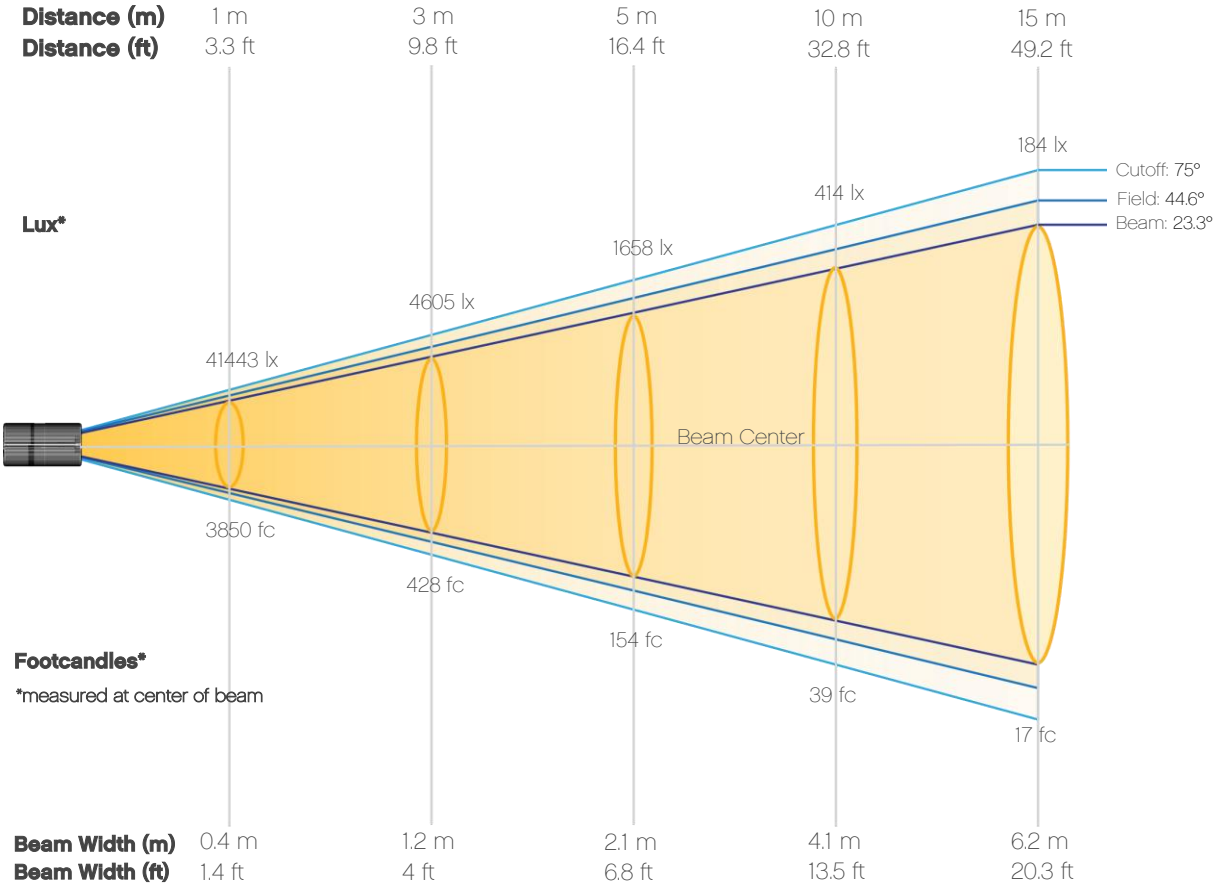
6361 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - Full Power - Fan set to Full

Beam Details



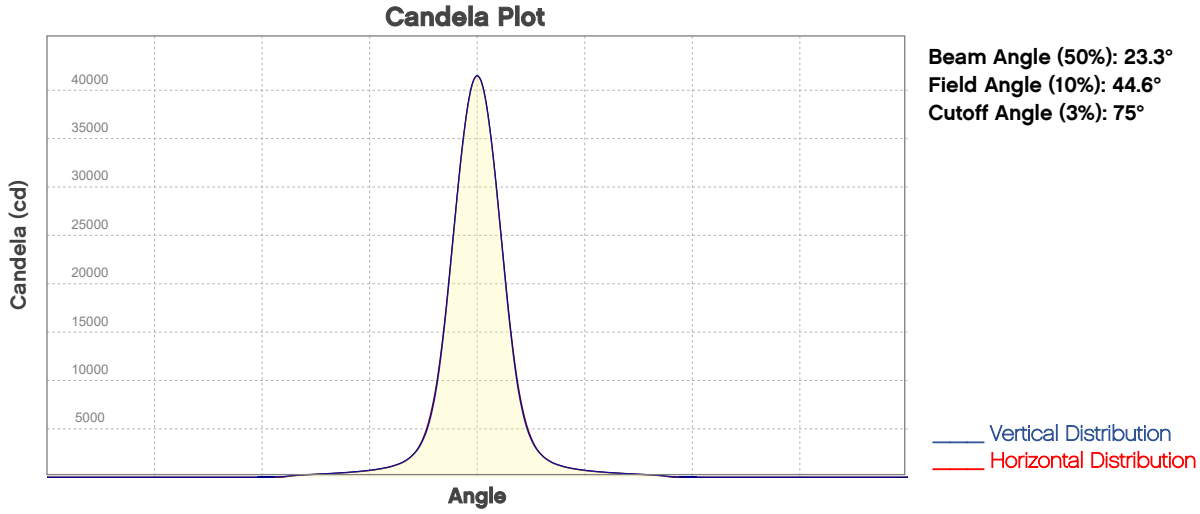
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	41443	10361	4605	2590	1658	1151	846	648	512	414
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	343	288	245	211	184	162	143	128	115	104
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3850	963	428	241	154	107	79	60	48	39
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	32	27	23	20	17	15	13	12	11	10

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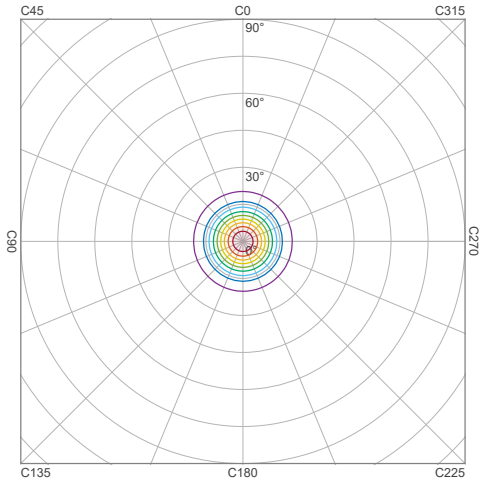
Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - Full Power - Fan set to Full



ISO Diagrams

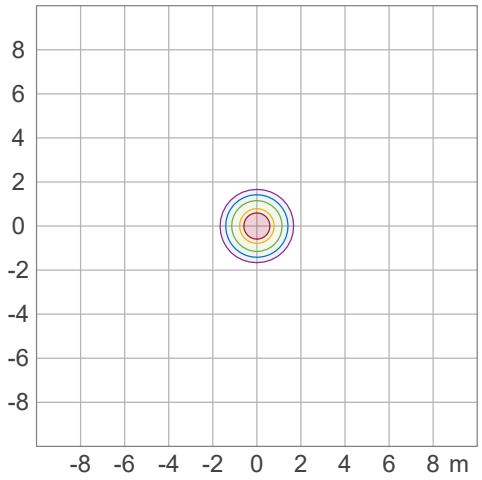
ISO Candela Diagram



90 %	37299.0 cd
80 %	33154.7 cd
70 %	29010.3 cd
60 %	24866.0 cd
50 %	20721.7 cd
40 %	16577.3 cd
30 %	12433.0 cd
20 %	8288.7 cd
10 %	4144.3 cd

Peak intensity: 41443.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	2302 lx
30.0 %	1381 lx
10.0 %	460 lx
5.0 %	230 lx
3.0 %	138 lx

Peak illuminance: 4605 lx
Mounting height: 3 m
Number of c-planes: 8

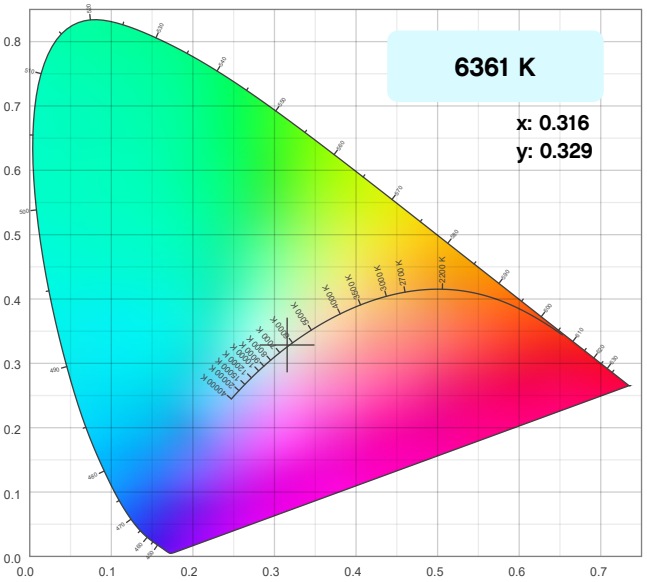
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Photometric & Chromaticity Report

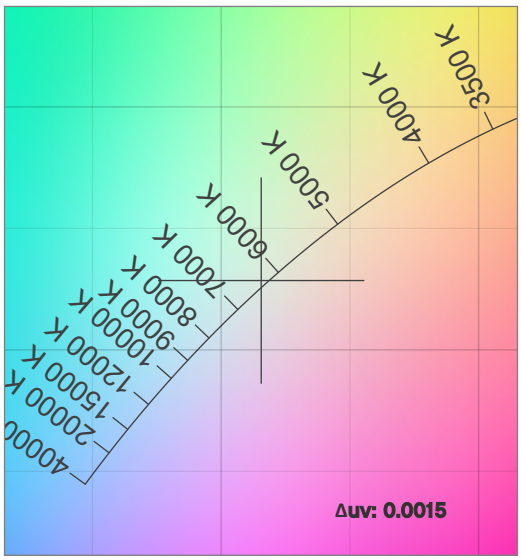
Ovation Reve P2 IP: Medium Lens - Full Power - Fan set to Full

Chromaticity

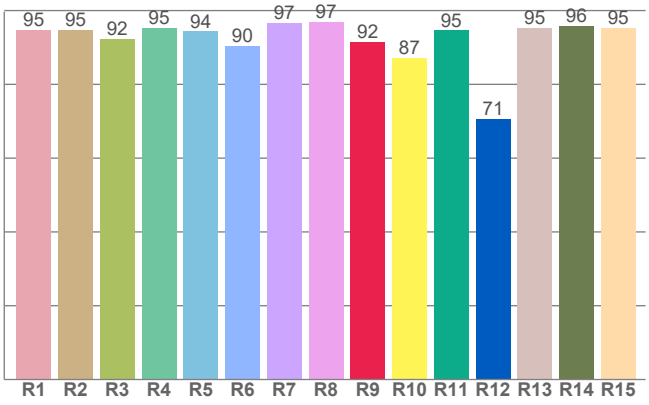
CIE 1931



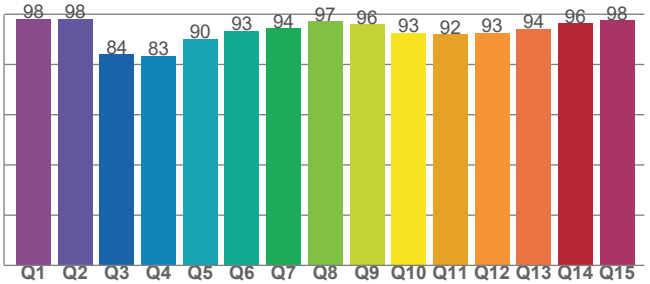
CIE 1931 - Zoom



CRI: 94.5 (R1-R8)



CQS: 92.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6361 K	0.316	0.329

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0015	0.329	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.5	91.5	92.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	91.4	100.5

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Photometric & Chromaticity Report

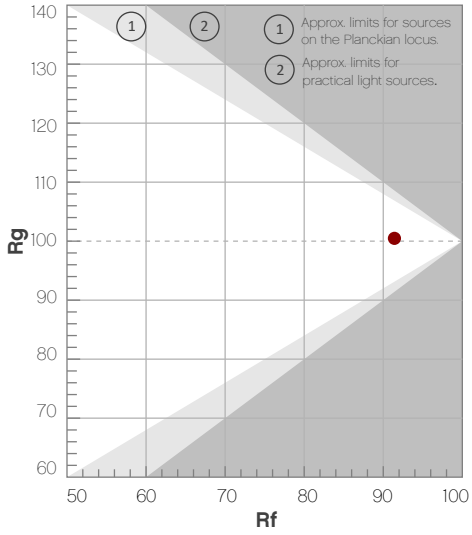
Ovation Reve P2 IP: Medium Lens - Full Power - Fan set to Full

TM-30 Details

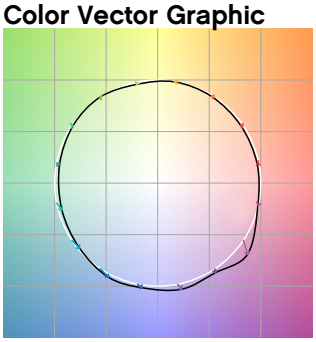
Rf 91.4
Fidelity Index
(Rg)

Rg 100.5
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	-2%	0%
2	95	-2%	2%
3	92	-1%	3%
4	93	-1%	3%
5	91	-2%	1%
6	96	0%	0%
7	97	-1%	-1%
8	93	-3%	2%
9	91	-4%	7%
10	83	-2%	10%
11	82	2%	11%
12	92	2%	5%
13	93	6%	3%
14	93	3%	-2%
15	85	11%	-9%
16	96	0%	-2%



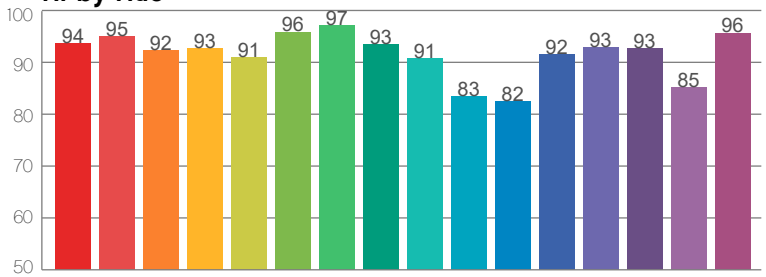
Color Vector Graphic



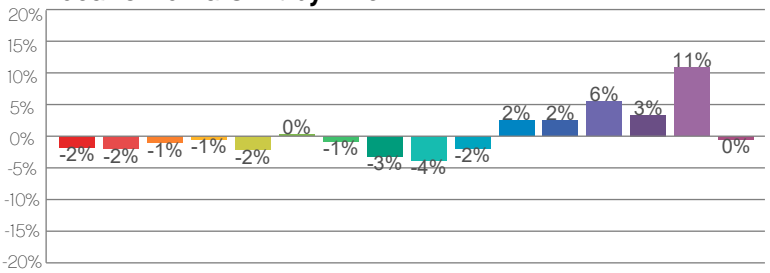
Color Distortion Graphic



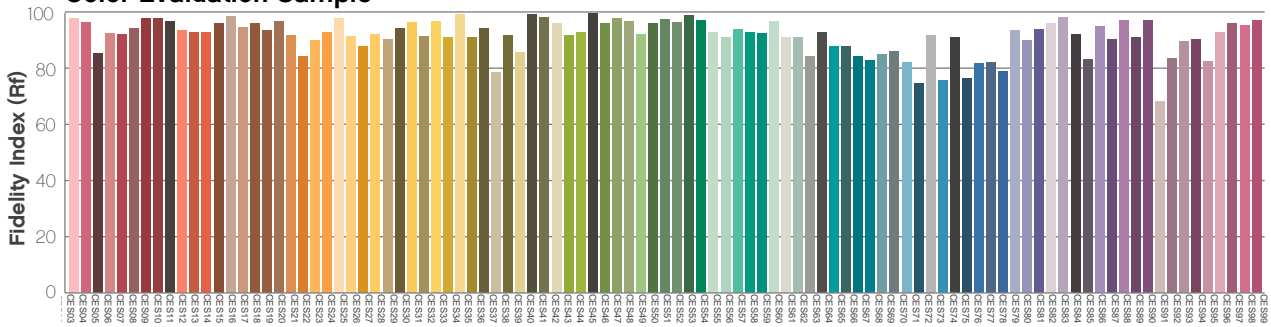
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Reve P2 IP: Wide Lens - Full Power - Fan set to Full

Report Summary

Measurements

Fixture Output: 10213 lm
Fixture Peak: 12960 cd
Fixture Efficacy: 41 lm/W
Intensity @ 5m: 518 lux
Color Temperature: 6464 K
CRI: 94.4 CRI R9 Value: 90.7
CQS: 92.0
TLCI: 97
TM-30 Rf: 91.3
TM-30 Rg: 100.3
Beam Angle (50%): 52.4°
Field Angle (10%): 80°
Cutoff Angle (3%): 114.4°

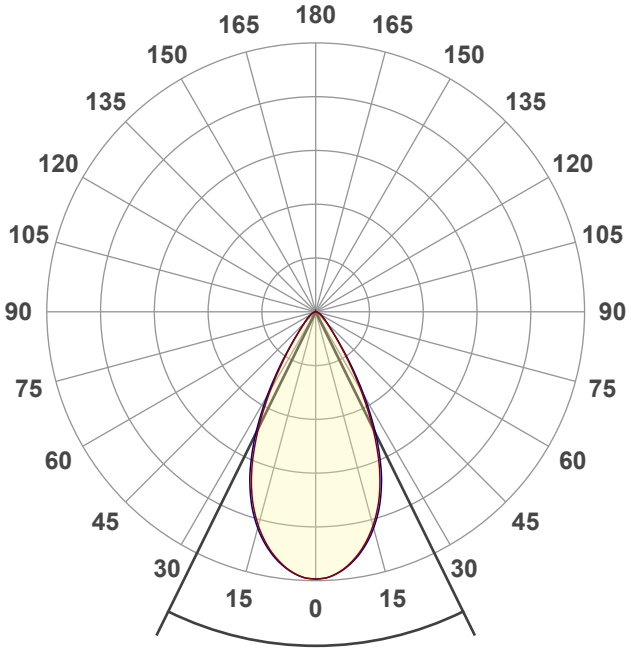
Conditions

AC Supply: 116 V, 60 Hz
Power: 250.38 W
Current: 2.17 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 7/20/2026 to LM-63-2002 Standards.

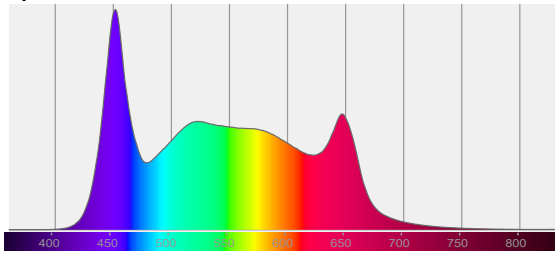
Overall Measurement

Angular Beam Distribution



Beam Angle 52.4°

Spectral Distribution



Tested Color (CIE 1931):
X: 0.314
Y: 0.327

Light Quality

CRI: 94.4

Color Temperature

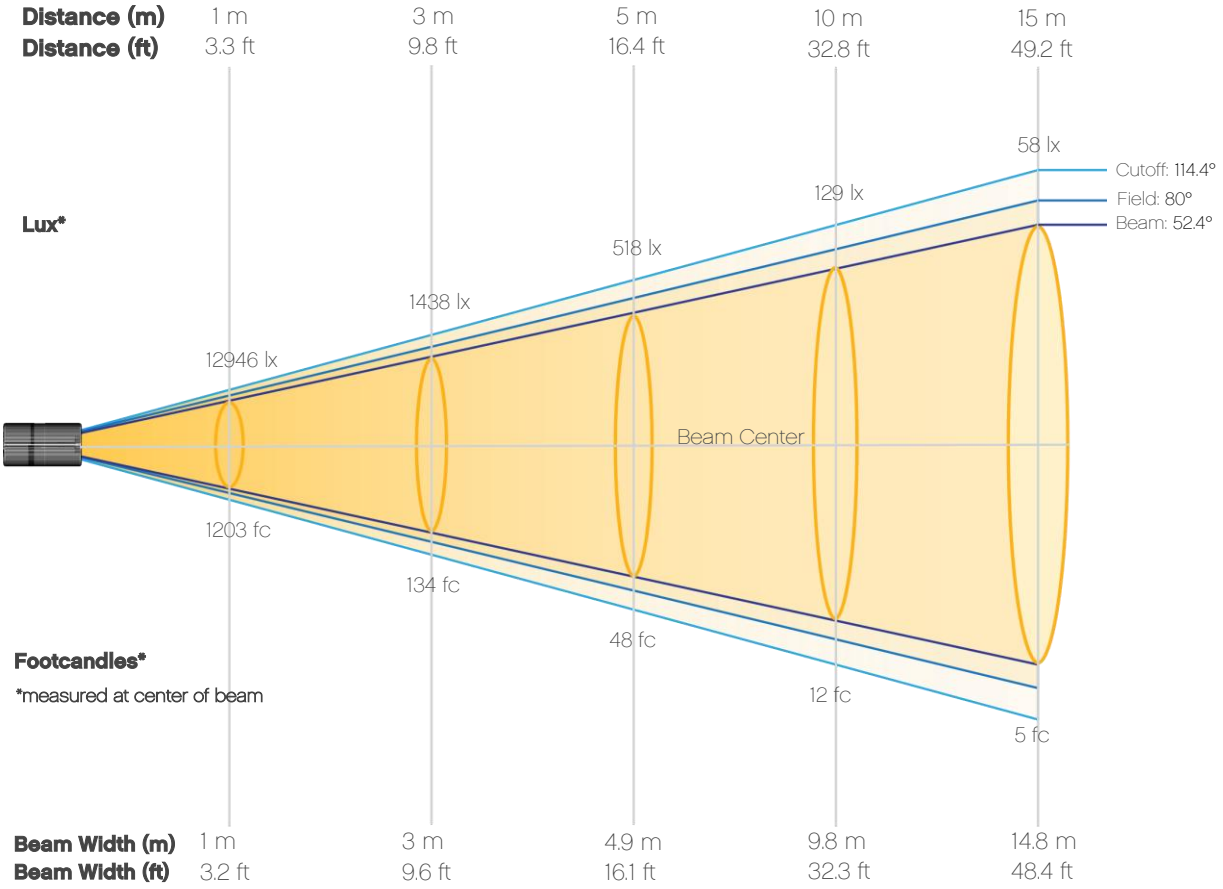
6464 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Wide Lens - Full Power - Fan set to Full

Beam Details



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

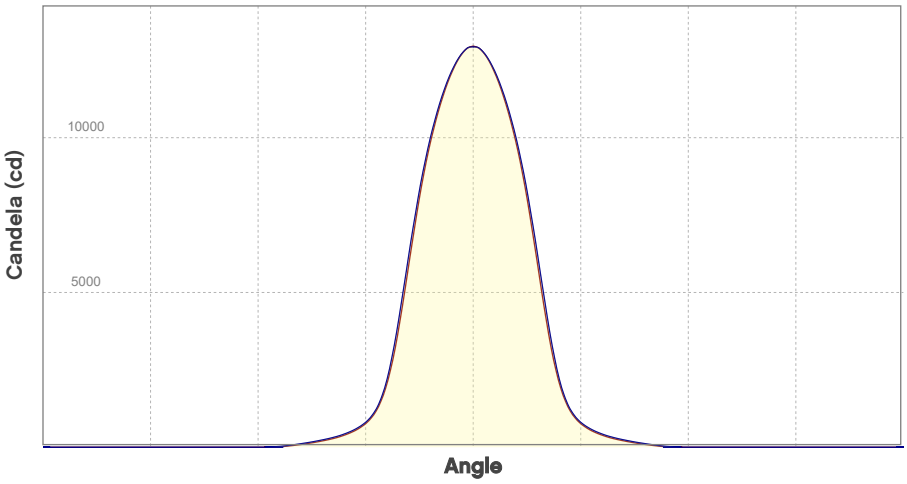
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12946	3236	1438	809	518	360	264	202	160	129
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	107	90	77	66	58	51	45	40	36	32
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1203	301	134	75	48	33	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 Reve P2 IP: Wide Lens - Full Power - Fan set to Full

Candela Plot

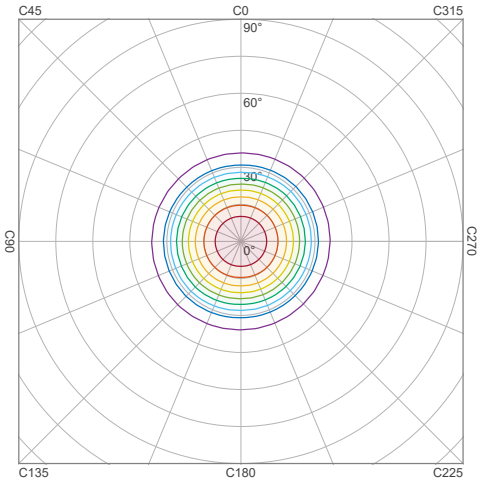


Beam Angle (50%): 52.4°
Field Angle (10%): 80°
Cutoff Angle (3%): 114.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

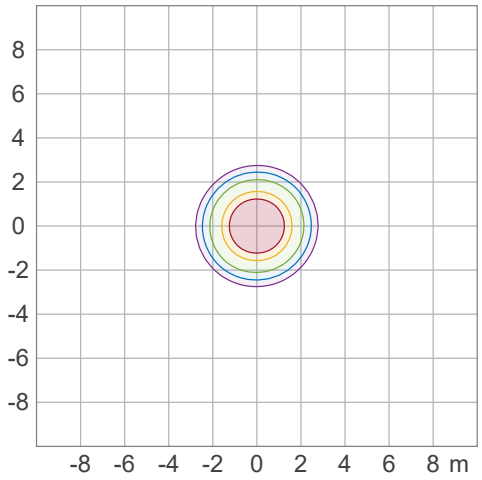
ISO Candela Diagram



90 %	11652.6 cd
80 %	10357.9 cd
70 %	9063.1 cd
60 %	7768.4 cd
50 %	6473.7 cd
40 %	5178.9 cd
30 %	3884.2 cd
20 %	2589.5 cd
10 %	1294.7 cd

Peak intensity: 12947.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	719 lx
30.0 %	432 lx
10.0 %	144 lx
5.0 %	71.9 lx
3.0 %	43.2 lx

Peak illuminance: 1438 lx
Mounting height: 3 m
Number of c-planes: 8

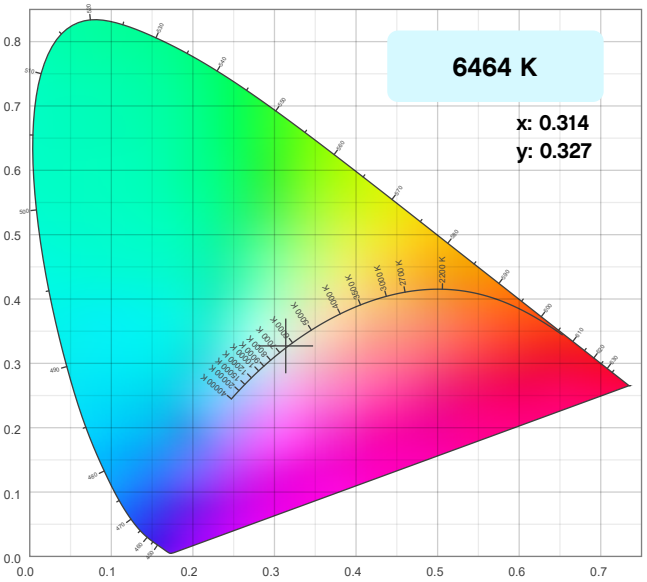
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Photometric & Chromaticity Report

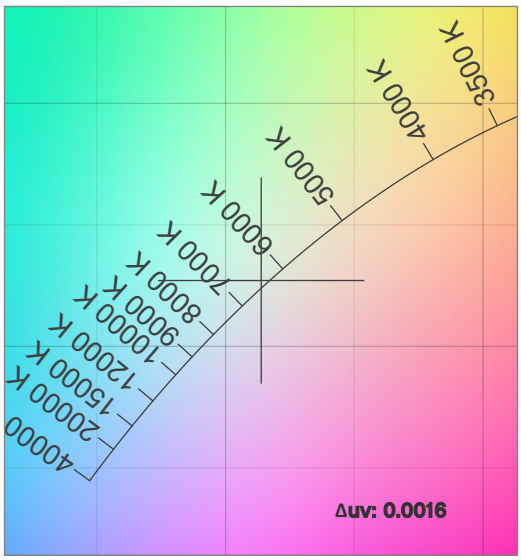
Ovation Reve P2 IP: Wide Lens - Full Power - Fan set to Full

Chromaticity

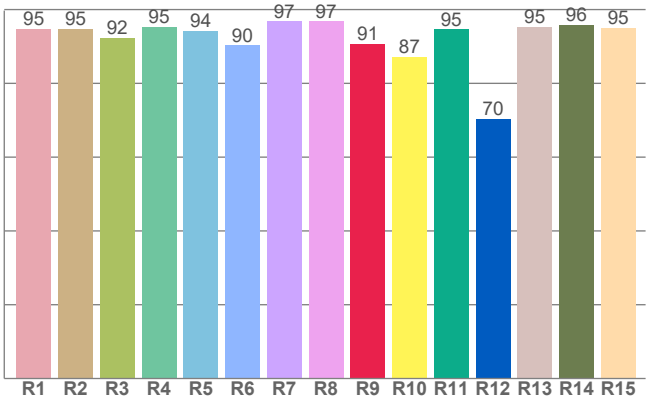
CIE 1931



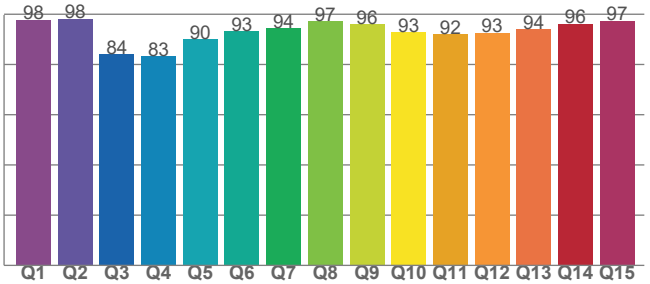
CIE 1931 - Zoom



CRI: 94.4 (R1-R8)



CQS: 92.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6464 K	0.314	0.327

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0016	0.327	0.199

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
94.4	90.7	92.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	91.3	100.3

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Photometric & Chromaticity Report

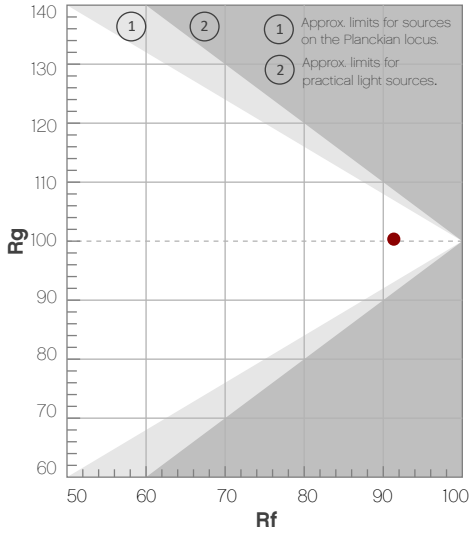
Ovation Reve P2 IP: Wide Lens - Full Power - Fan set to Full

TM-30 Details

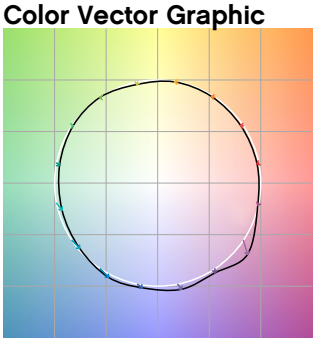
Rf 91.3
Fidelity Index
(Rg)

Rg 100.3
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	93	-2%	0%
2	95	-2%	2%
3	92	-1%	3%
4	93	-1%	3%
5	91	-2%	1%
6	96	0%	0%
7	97	-1%	-1%
8	93	-3%	2%
9	91	-4%	7%
10	83	-2%	10%
11	82	2%	11%
12	92	3%	5%
13	93	6%	3%
14	93	3%	-2%
15	85	11%	-9%
16	96	-1%	-2%



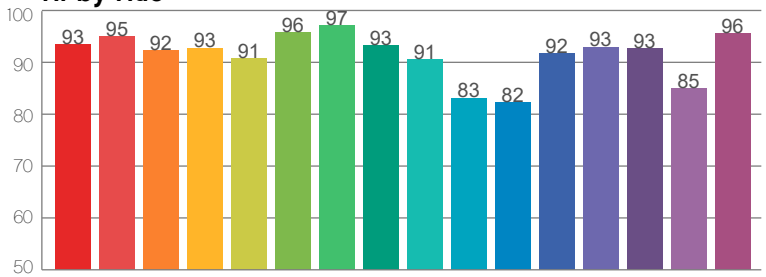
Color Vector Graphic



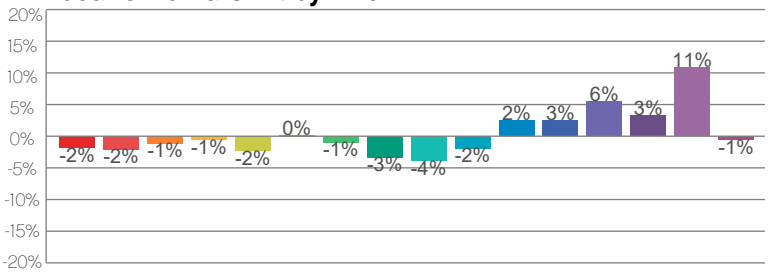
Color Distortion Graphic



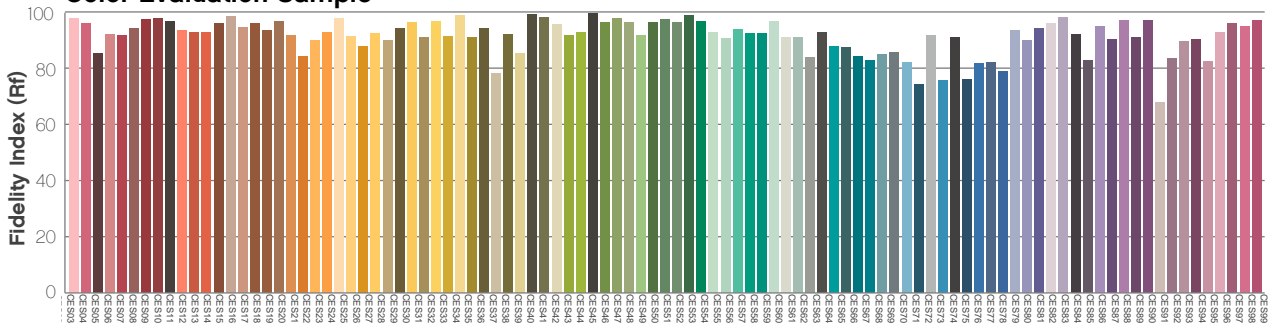
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 3200K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 7717 lm
Fixture Peak: 30266 cd
Fixture Efficacy: 38 lm/W
Intensity @ 5m: 1210 lux
Color Temperature: 3391 K
CRI: 98.8 CRI R9 Value: 99.0
CQS: 97.8
TLCI: 97
TM-30 Rf: 95.4
TM-30 Rg: 100.5
Beam Angle (50%): 23.4°
Field Angle (10%): 44.7°
Cutoff Angle (3%): 74.9°

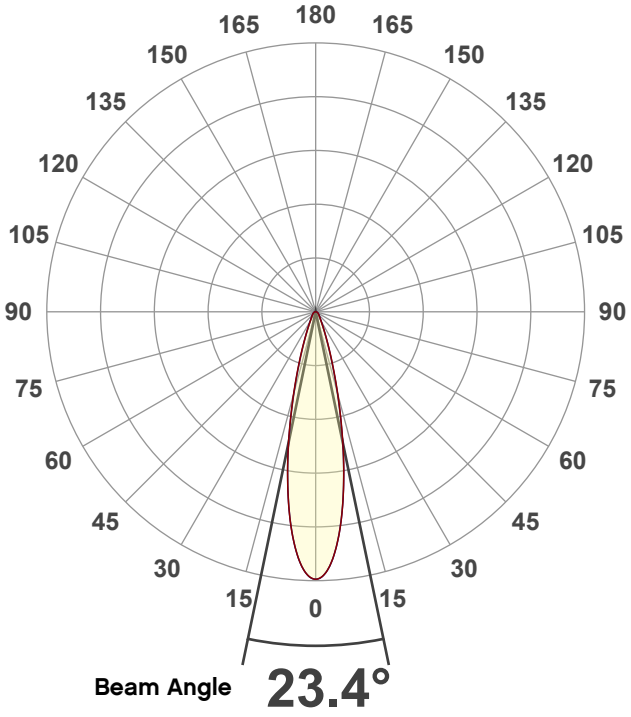
Conditions

AC Supply: 117 V, 60 Hz
Power: 201.38 W
Current: 1.73 A
Power Factor: 1.0

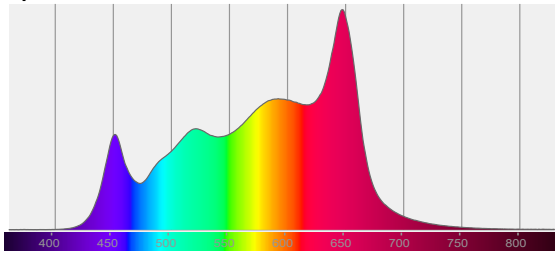
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/21/2026 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.412
Y: 0.394

Light Quality

CRI: 98.8

Color Temperature

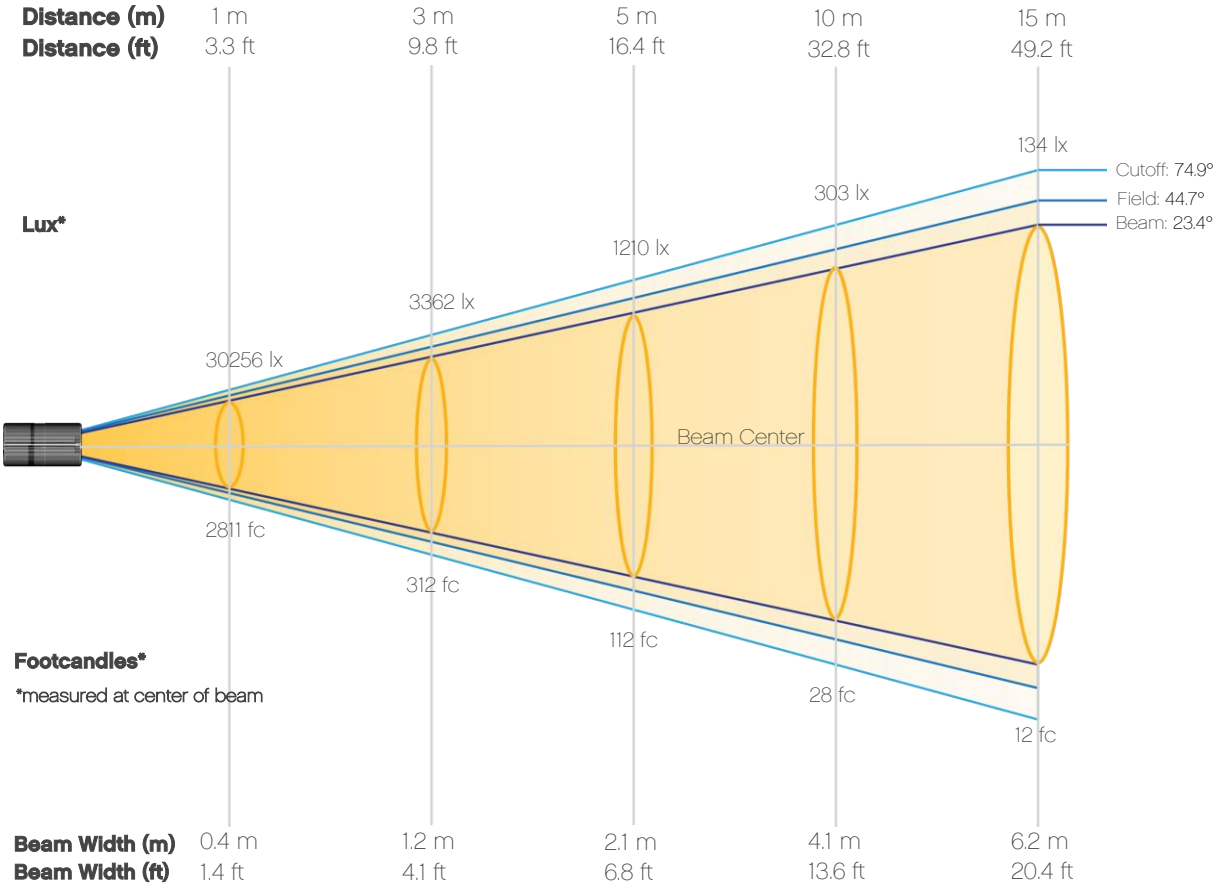
3391 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 3200K - Fan set to Auto

Beam Details



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

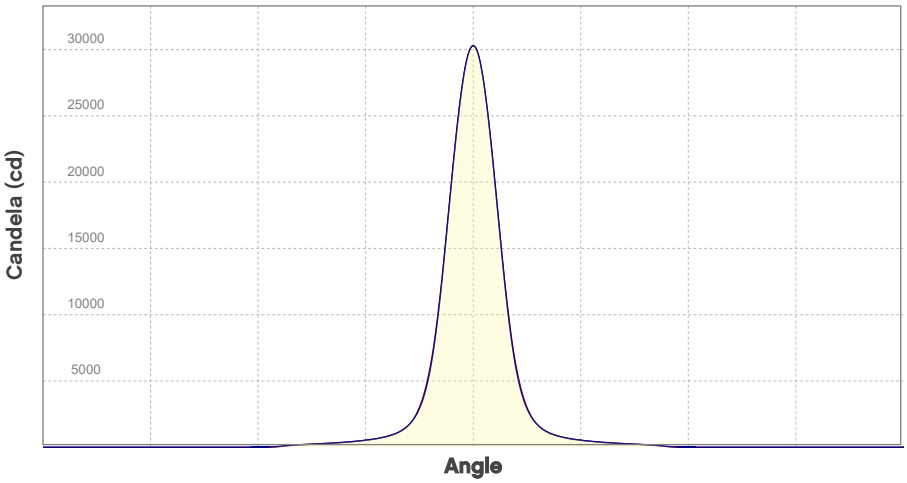
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30256	7564	3362	1891	1210	840	617	473	374	303
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	250	210	179	154	134	118	105	93	84	76
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2811	703	312	176	112	78	57	44	35	28
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	23	20	17	14	12	11	10	9	8	7

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 3200K - Fan set to Auto

Candela Plot

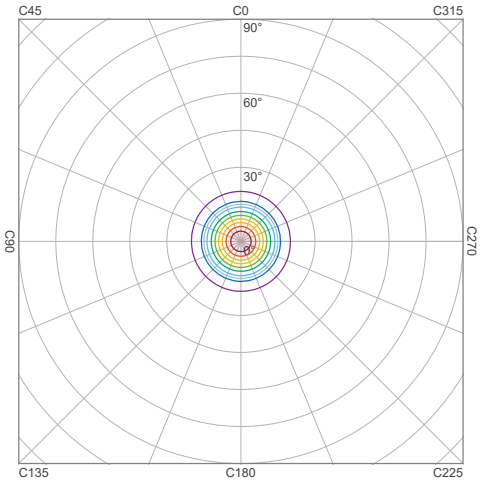


Beam Angle (50%): 23.4°
Field Angle (10%): 44.7°
Cutoff Angle (3%): 74.9°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

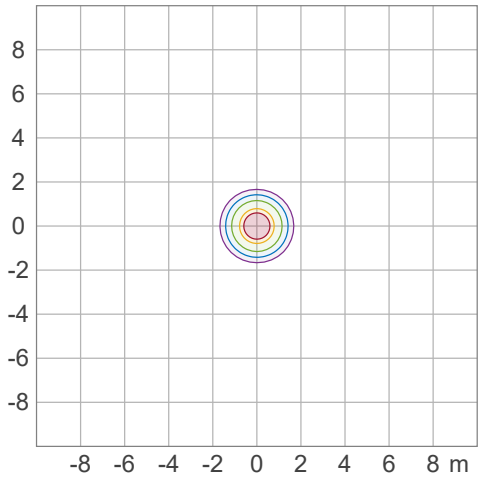
ISO Candela Diagram



90 %	27230.7 cd
80 %	24205.1 cd
70 %	21179.5 cd
60 %	18153.8 cd
50 %	15128.2 cd
40 %	12102.6 cd
30 %	9076.9 cd
20 %	6051.3 cd
10 %	3025.6 cd

Peak intensity: 30256.4 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1681 lx
30.0 %	1009 lx
10.0 %	336 lx
5.0 %	168 lx
3.0 %	101 lx

Peak illuminance: 3362 lx
Mounting height: 3 m
Number of c-planes: 8

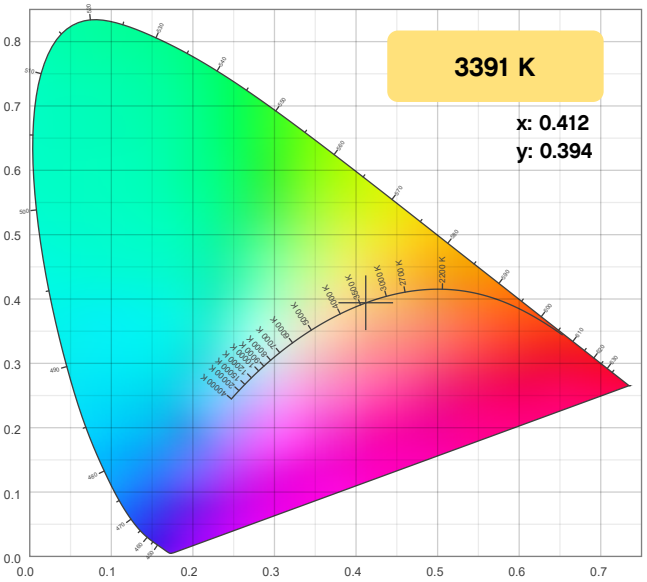
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Photometric & Chromaticity Report

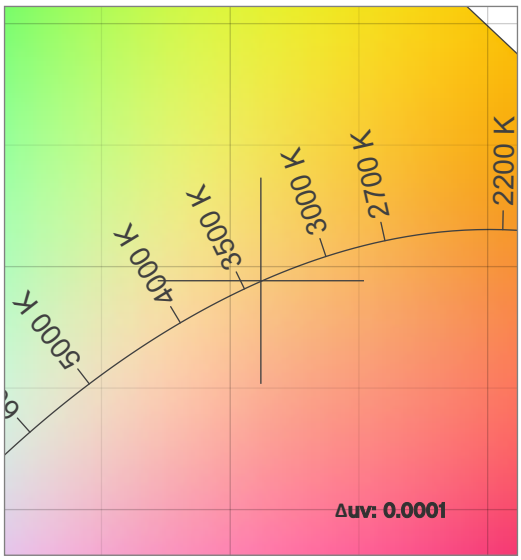
Ovation Reve P2 IP: Medium Lens - 3200K - Fan set to Auto

Chromaticity

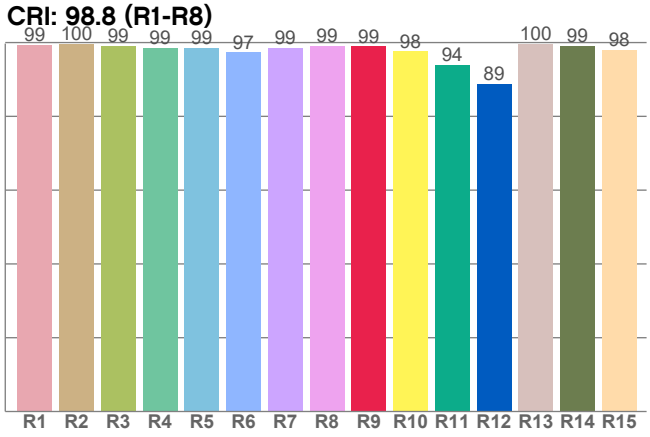
CIE 1931



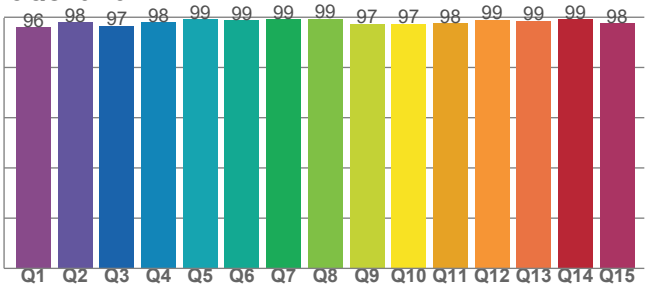
CIE 1931 - Zoom



CRI: 98.8 (R1-R8)



CQS: 97.8



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3391 K	0.412	0.394

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0001	0.394	0.239

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
98.8	99.0	97.8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	95.4	100.5

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Photometric & Chromaticity Report

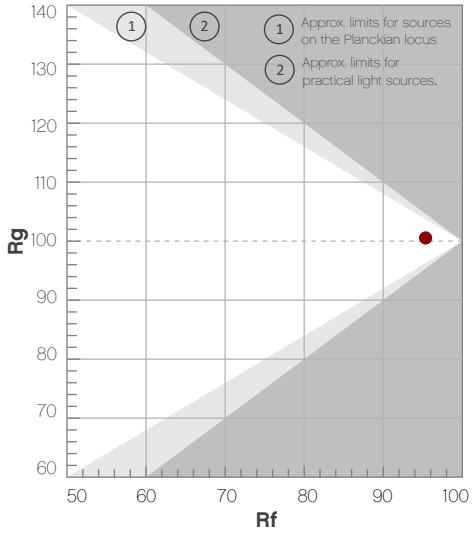
Ovation Reve P2 IP: Medium Lens - 3200K - Fan set to Auto

TM-30 Details

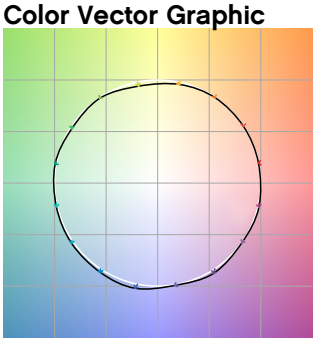
Rf 95.4
Fidelity Index (Rg)

Rg 100.5
Gammut Index (Rg)

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



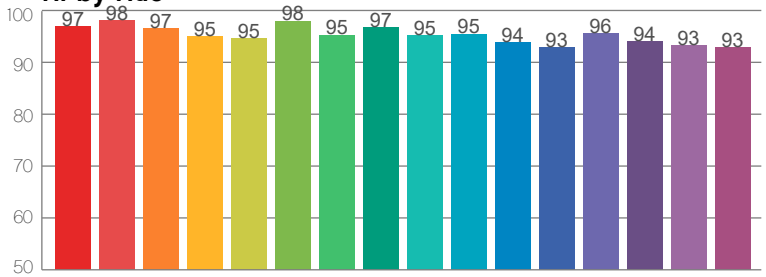
Color Vector Graphic



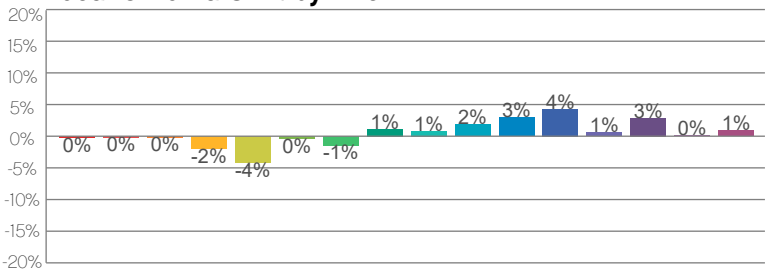
Color Distortion Graphic



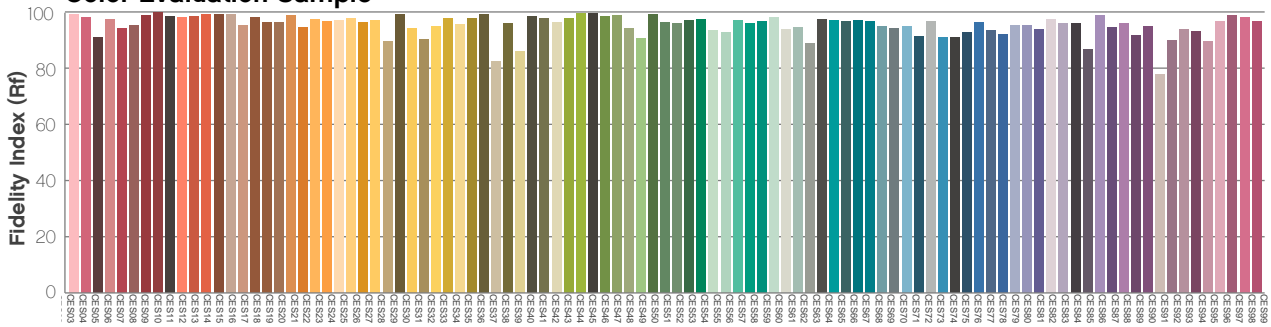
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 4000K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 8577 lm
Fixture Peak: 33856 cd
Fixture Efficacy: 37 lm/W
Intensity @ 5m: 1344 lux
Color Temperature: 4240 K
CRI: 98.3 CRI R9 Value: 96.0
CQS: 97.3
TLCI: 97
TM-30 Rf: 94.9
TM-30 Rg: 101.2
Beam Angle (50%): 23.4°
Field Angle (10%): 44.8°
Cutoff Angle (3%): 75.1°

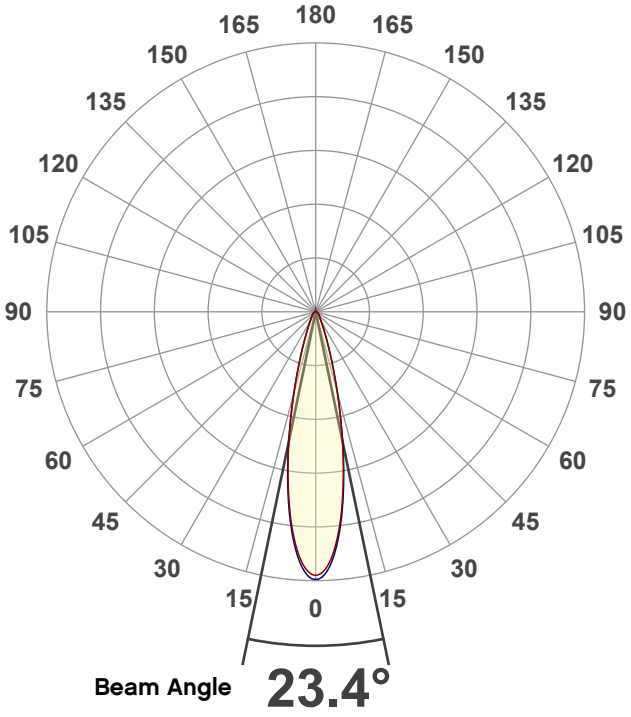
Conditions

AC Supply: 116 V, 60 Hz
Power: 234.53 W
Current: 2.02 A
Power Factor: 1.0

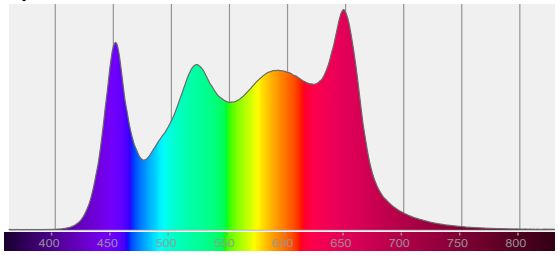
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Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931):
X: 0.372
Y: 0.375

Light Quality

CRI: 98.3

Color Temperature

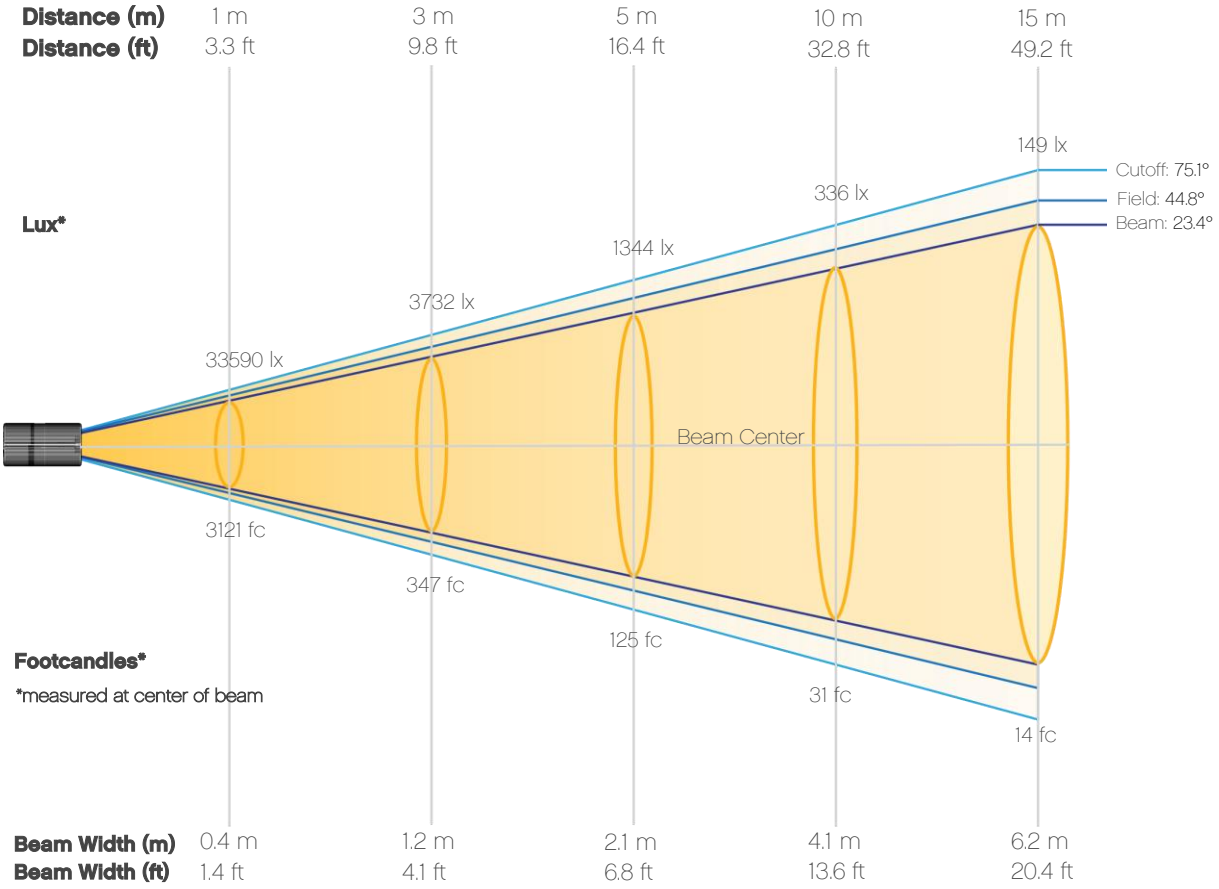
4240 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 4000K - Fan set to Auto

Beam Details



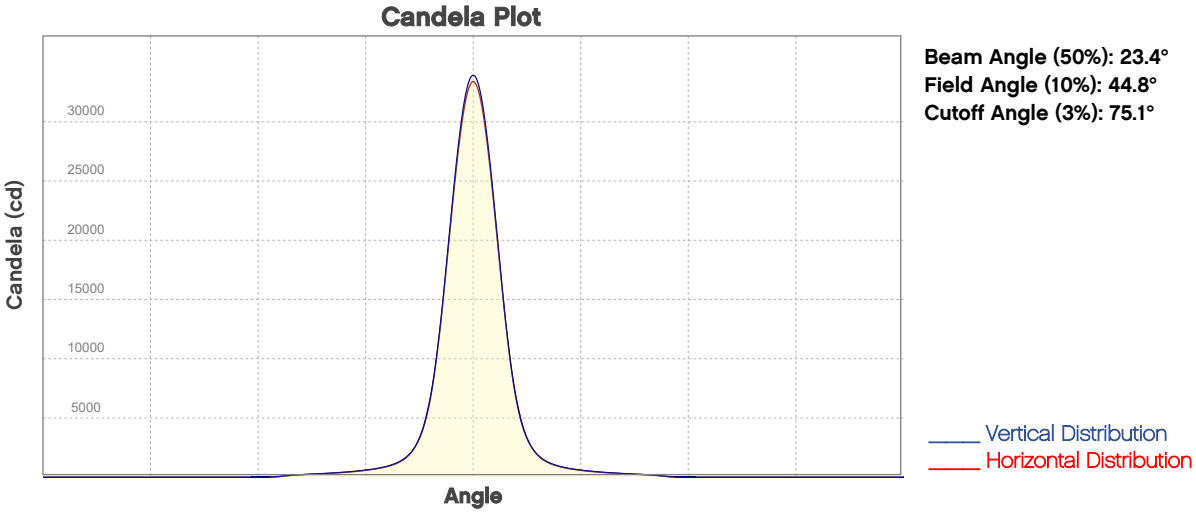
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33590	8397	3732	2099	1344	933	686	525	415	336
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	278	233	199	171	149	131	116	104	93	84
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3121	780	347	195	125	87	64	49	39	31
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	26	22	18	16	14	12	11	10	9	8

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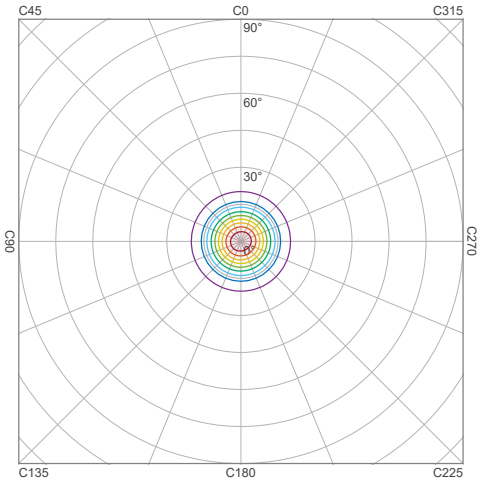
Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 4000K - Fan set to Auto



ISO Diagrams

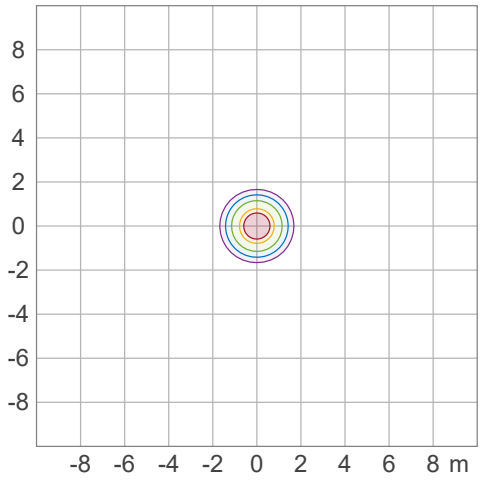
ISO Candela Diagram



90 %	30347.8 cd
80 %	26975.9 cd
70 %	23603.9 cd
60 %	20231.9 cd
50 %	16859.9 cd
40 %	13487.9 cd
30 %	10115.9 cd
20 %	6744.0 cd
10 %	3372.0 cd

Peak intensity: 33719.8 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1872 lx
30.0 %	1123 lx
10.0 %	374 lx
5.0 %	187 lx
3.0 %	112 lx

Peak illuminance: 3745 lx
Mounting height: 3 m
Number of c-planes: 8

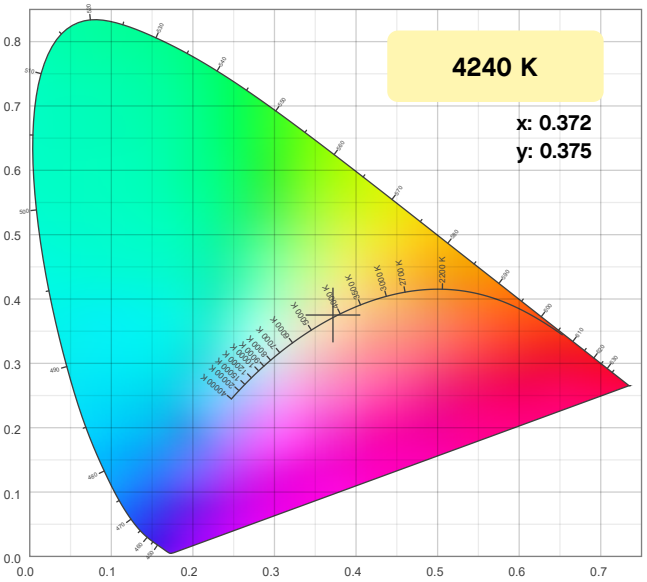
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Photometric & Chromaticity Report

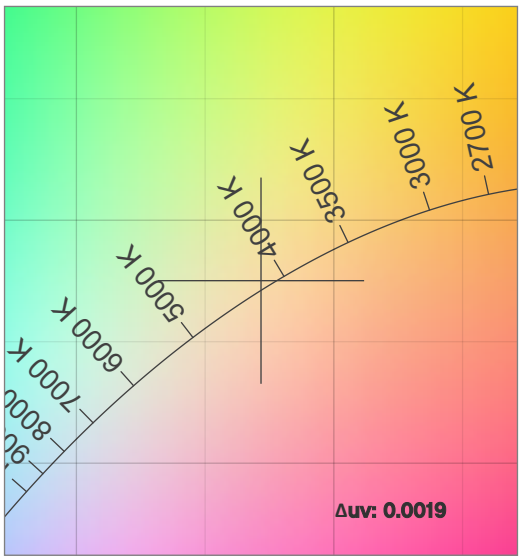
Ovation Reve P2 IP: Medium Lens - 4000K - Fan set to Auto

Chromaticity

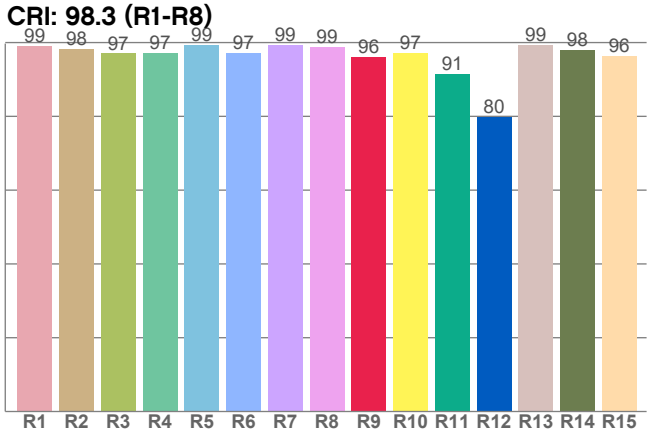
CIE 1931



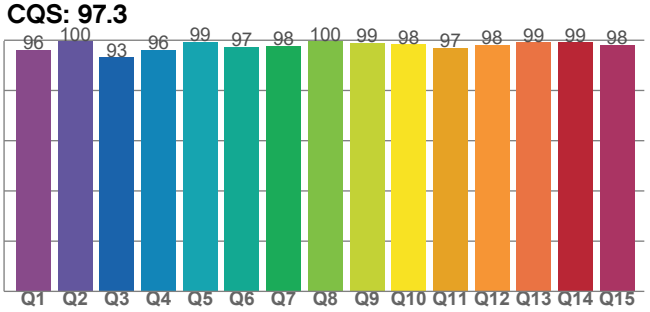
CIE 1931 - Zoom



CRI: 98.3 (R1-R8)



CQS: 97.3



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
4240 K	0.372	0.375

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0019	0.375	0.220

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
98.3	96.0	97.3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	94.9	101.2

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Photometric & Chromaticity Report

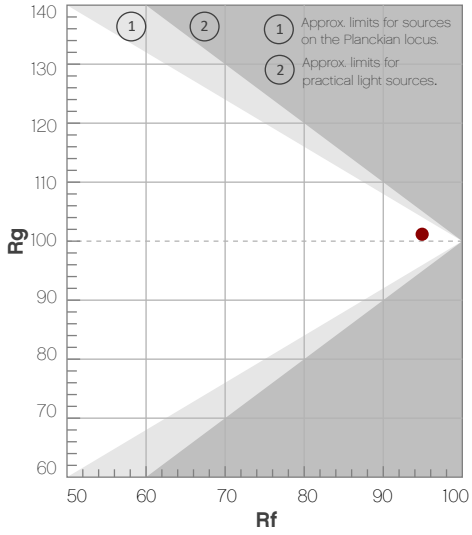
Ovation Reve P2 IP: Medium Lens - 4000K - Fan set to Auto

TM-30 Details

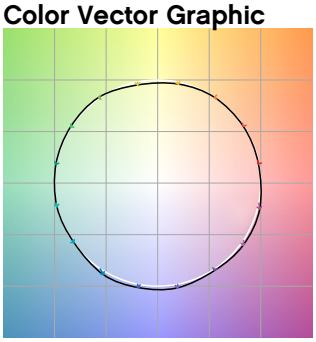
Rf 94.9
Fidelity Index
(Rg)

Rg 101.2
Gammut Index
(Rg)

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



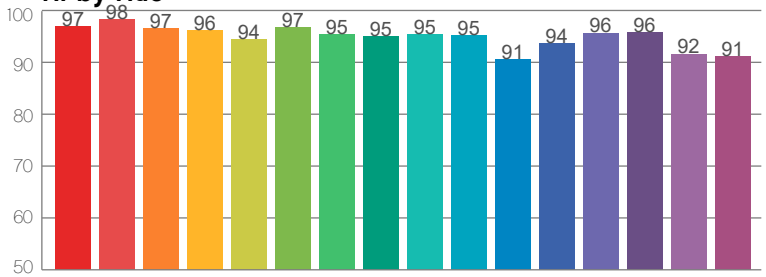
Color Vector Graphic



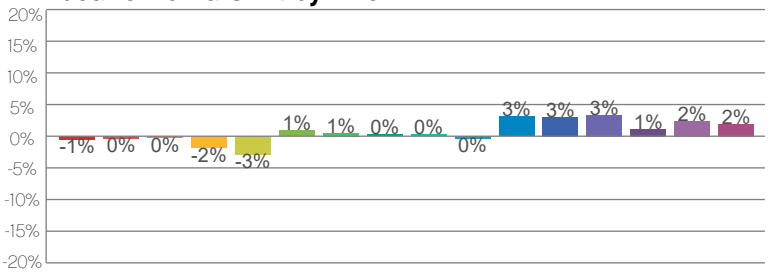
Color Distortion Graphic



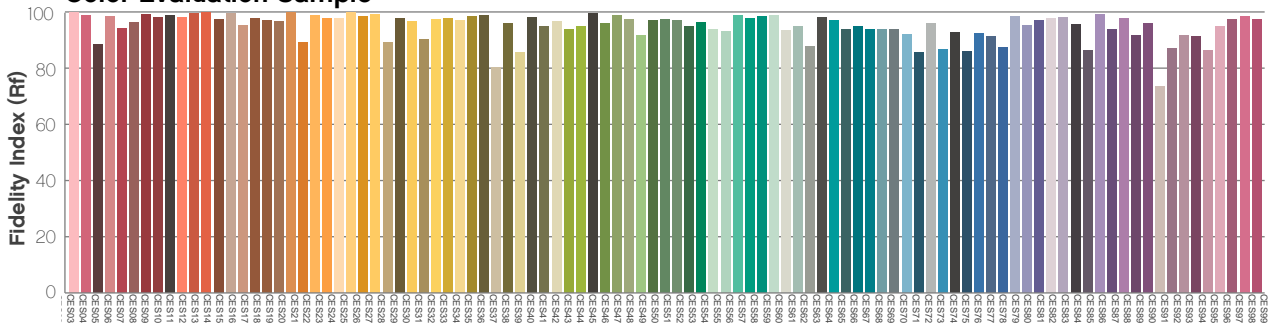
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 5600K - Fan set to Auto

Report Summary

Measurements

Fixture Output: 8767 lm
Fixture Peak: 34234 cd
Fixture Efficacy: 36 lm/W
Intensity @ 5m: 1369 lux
Color Temperature: 5934 K
CRI: 98.0 CRI R9 Value: 93.7
CQS: 97.1
TLCI: 97
TM-30 Rf: 94.4
TM-30 Rg: 101.4
Beam Angle (50%): 23.4°
Field Angle (10%): 44.8°
Cutoff Angle (3%): 75.4°

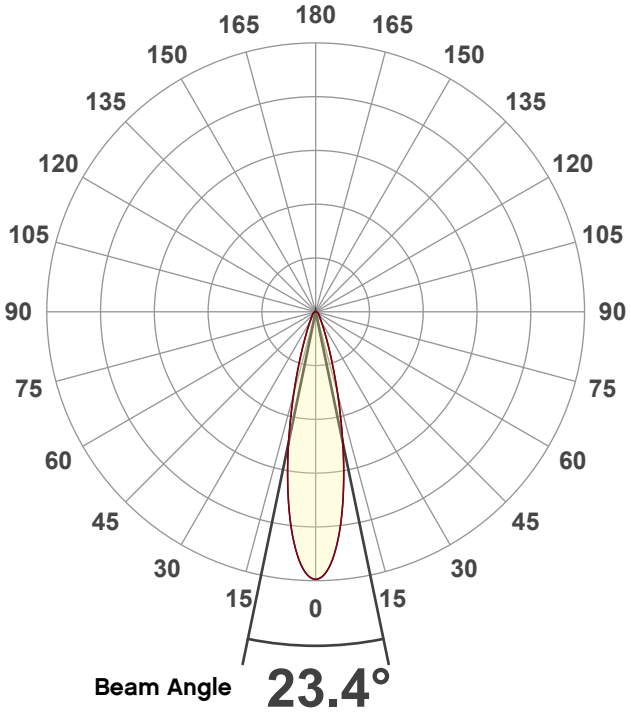
Conditions

AC Supply: 116 V, 60 Hz
Power: 246.42 W
Current: 2.12 A
Power Factor: 1.0

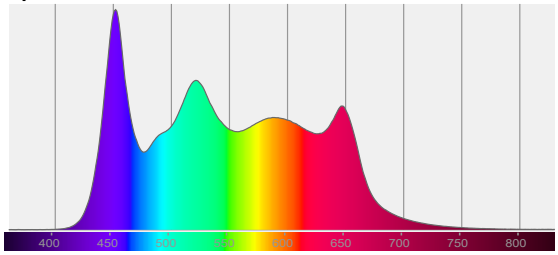
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 7/21/2026 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931):
X: 0.323
Y: 0.340

Light Quality

CRI: 98.0

Color Temperature

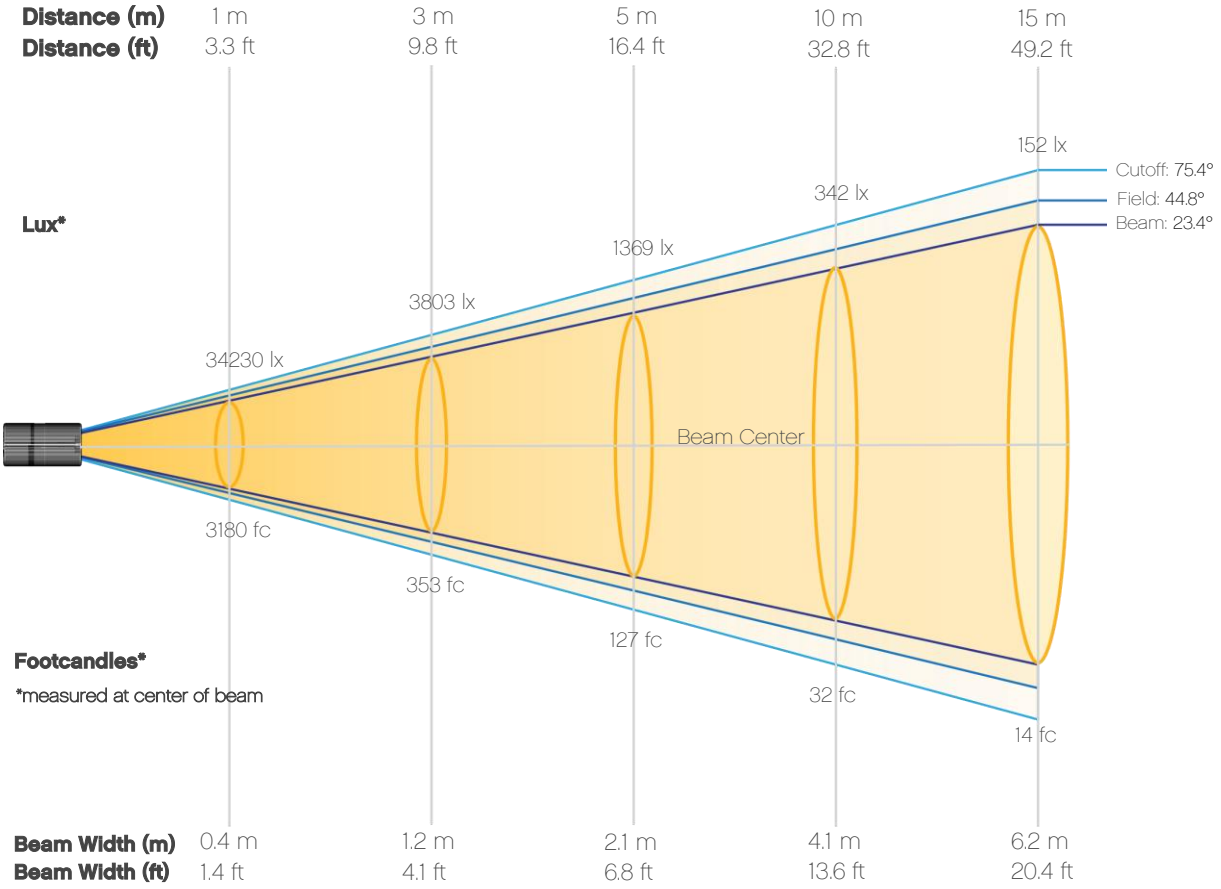
5934 K

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Photometric & Chromaticity Report

Ovation Reve P2 IP: Medium Lens - 5600K - Fan set to Auto

Beam Details



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

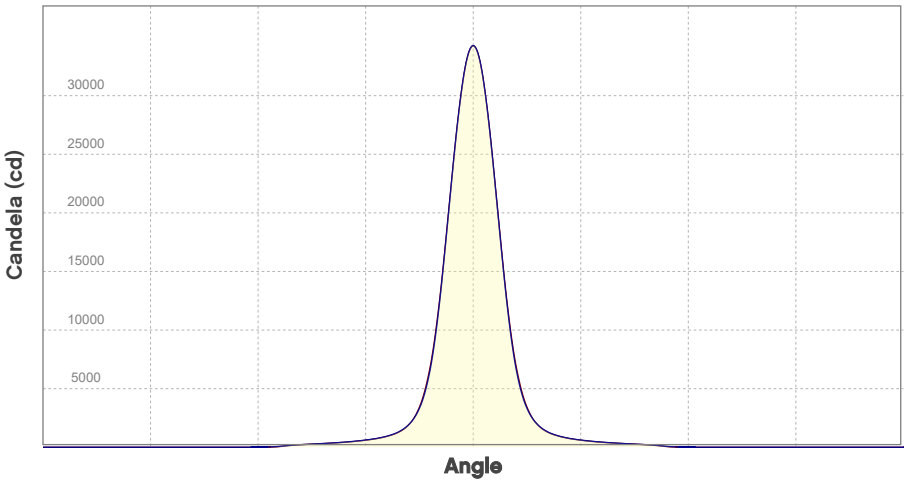
Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34230	8558	3803	2139	1369	951	699	535	423	342
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	283	238	203	175	152	134	118	106	95	86
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3180	795	353	199	127	88	65	50	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 Reve P2 IP: Medium Lens - 5600K - Fan set to Auto

Candela Plot

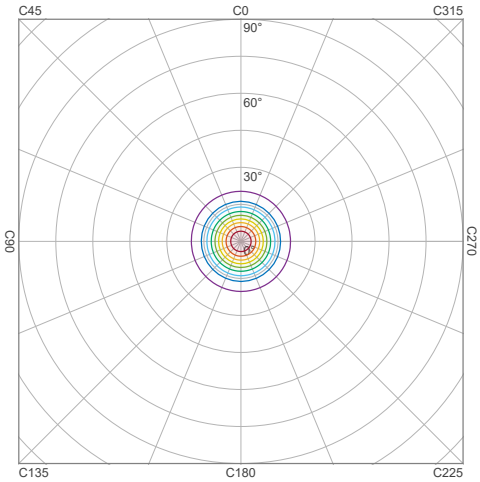


Beam Angle (50%): 23.4°
Field Angle (10%): 44.8°
Cutoff Angle (3%): 75.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

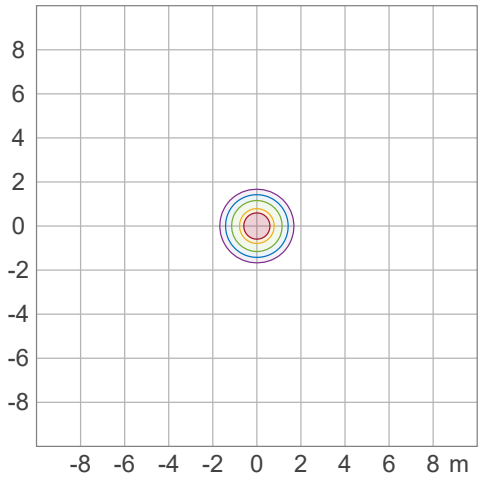
ISO Candela Diagram



90 %	30807.2 cd
80 %	27384.2 cd
70 %	23961.2 cd
60 %	20538.2 cd
50 %	17115.1 cd
40 %	13692.1 cd
30 %	10269.1 cd
20 %	6846.1 cd
10 %	3423.0 cd

Peak intensity: 34230.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1902 lx
30.0 %	1141 lx
10.0 %	380 lx
5.0 %	190 lx
3.0 %	114 lx

Peak illuminance: 3803 lx
Mounting height: 3 m
Number of c-planes: 8

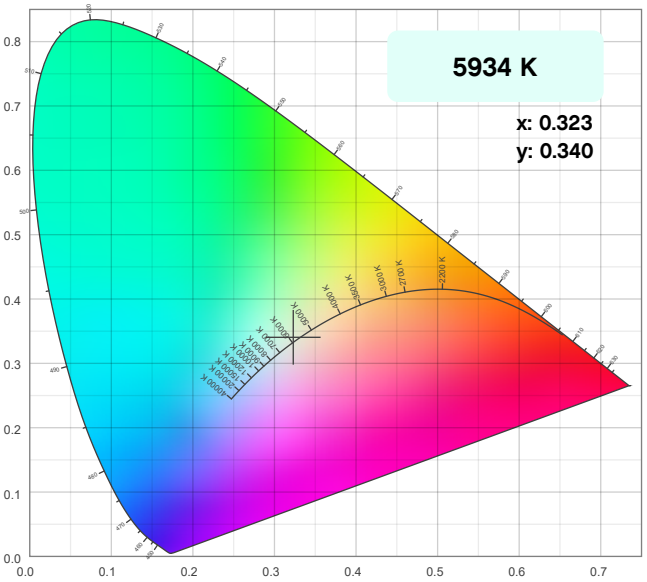
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Photometric & Chromaticity Report

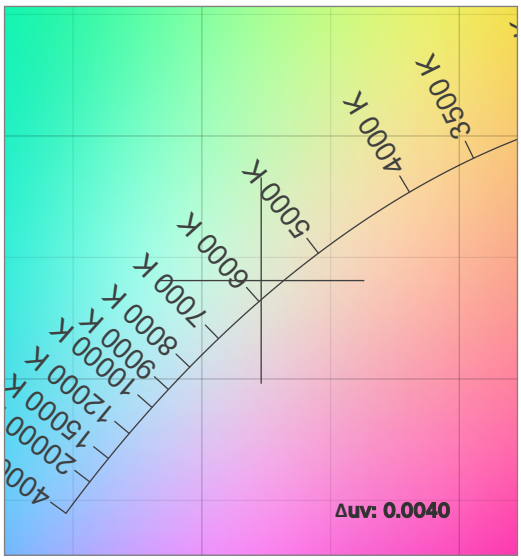
Ovation Reve P2 IP: Medium Lens - 5600K - Fan set to Auto

Chromaticity

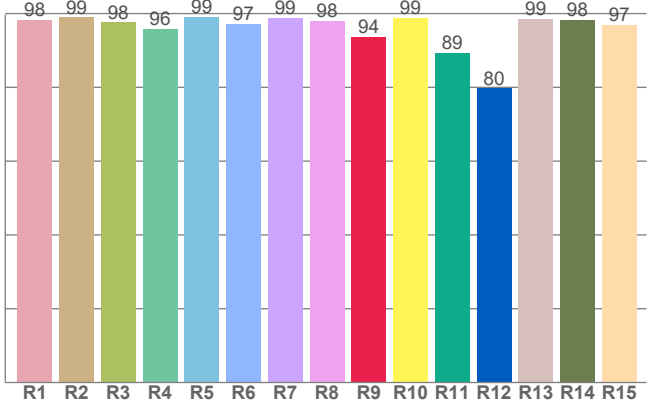
CIE 1931



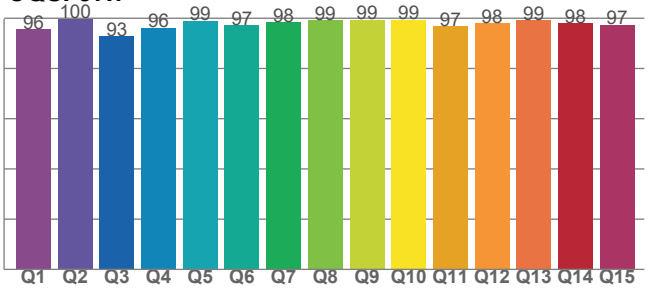
CIE 1931 - Zoom



CRI: 98.0 (R1-R8)



CQS: 97.1



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5934 K	0.323	0.340

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
0.0040	0.340	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
98.0	93.7	97.1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
97	94.4	101.4

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Photometric & Chromaticity Report

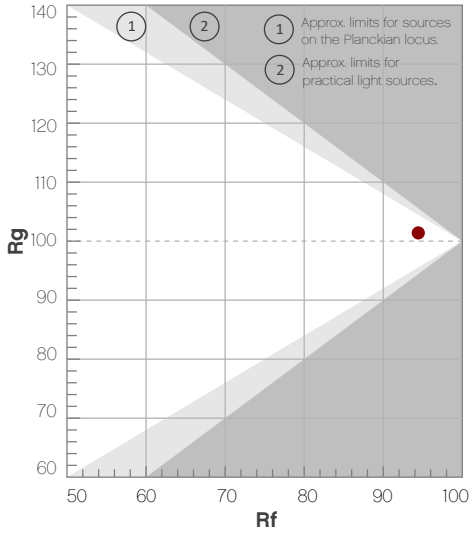
Ovation Reve P2 IP: Medium Lens - 5600K - Fan set to Auto

TM-30 Details

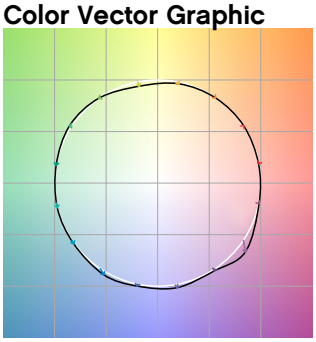
Rf 94.4
Fidelity Index (Rg)

Rg 101.4
Gammut Index (Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	0%	0%
2	98	0%	0%
3	96	0%	-1%
4	96	-2%	-2%
5	93	-4%	-1%
6	96	0%	2%
7	96	2%	1%
8	95	0%	2%
9	95	0%	4%
10	94	0%	4%
11	90	3%	6%
12	96	2%	0%
13	95	3%	-2%
14	95	1%	-2%
15	87	8%	-8%
16	97	0%	0%



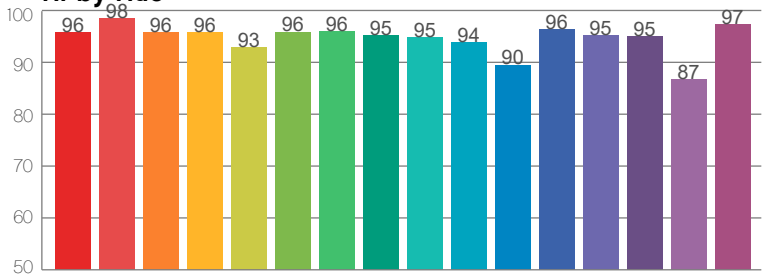
Color Vector Graphic



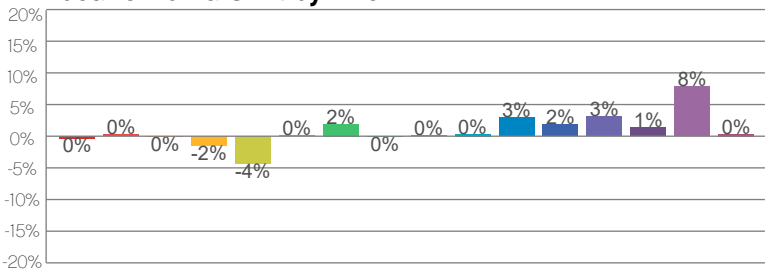
Color Distortion Graphic



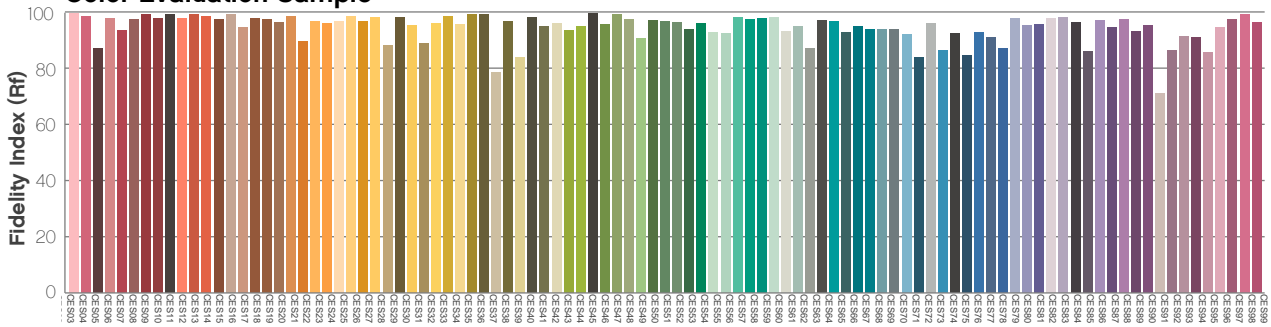
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



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