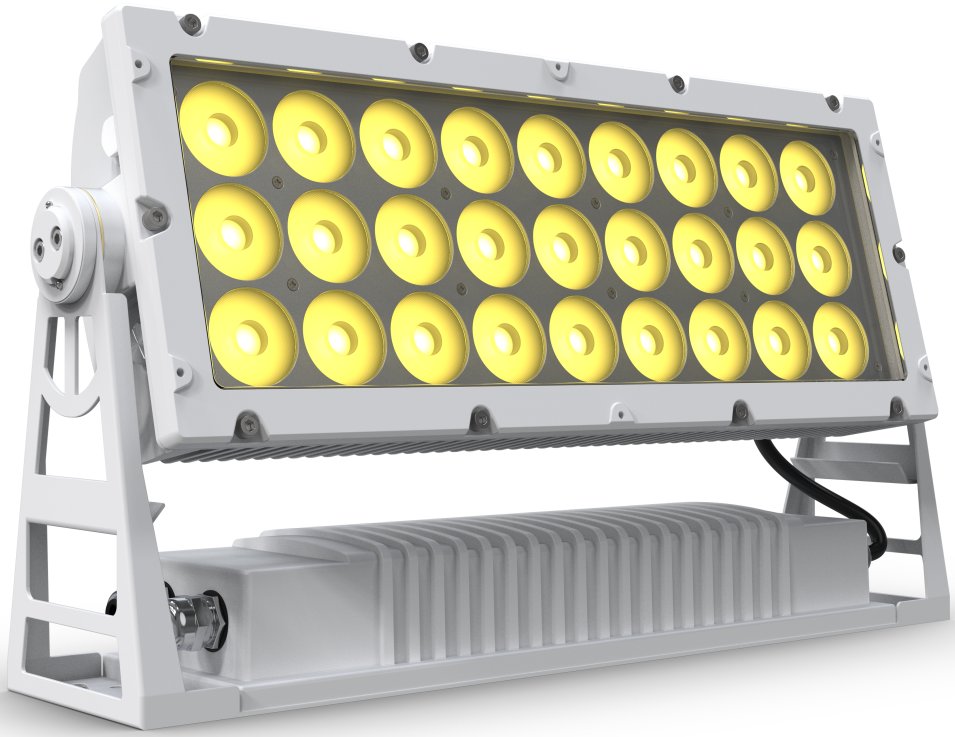
ILUMI**PANEL** ML2

PHOTOMETRICS REPORT



ILUMIN**ARC**®

Table of Contents

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.

Photometrics & Chromaticity Reports

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Full Power

Report Summary

Measurements

Fixture Output: 10392 lm
Fixture Peak: 460290 cd
Fixture Efficacy: 32 lm/W
Intensity @ 5m: 18359 lux
Color Temperature: 17847 K
CRI: 66.1 CRI R9 Value: -83.8
CQS: 83.4
TLCI: 74
TM-30 Rf: 72.4
TM-30 Rg: 118.8
Beam Angle (50%): 6.6°
Field Angle (10%): 12.1°
Cutoff Angle (3%): 20.8°

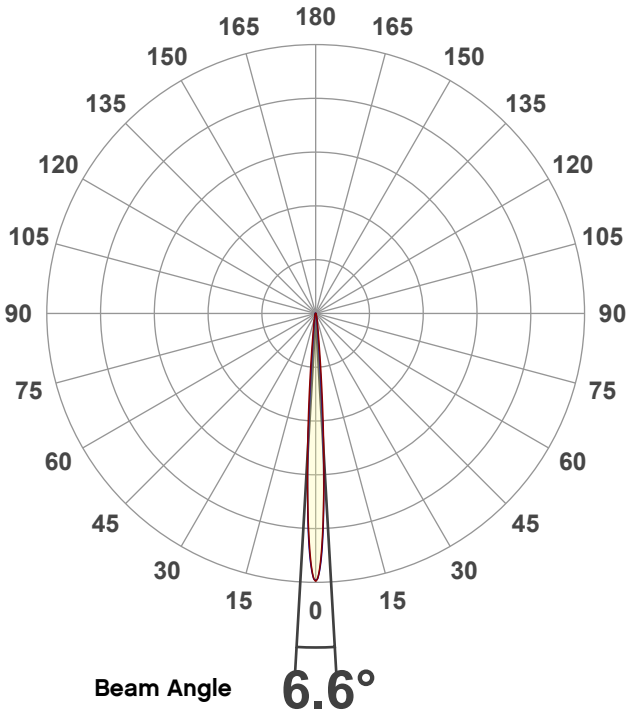
Conditions

AC Supply: 113 V, 60 Hz
Power: 323.22 W
Current: 2.85 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

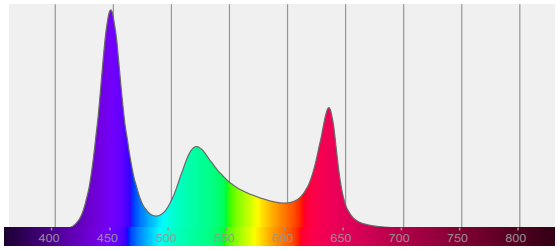
Overall Measurement

Angular Beam Distribution



Beam Angle 6.6°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.272
Y: 0.247

Light Quality

CRI: 66.1

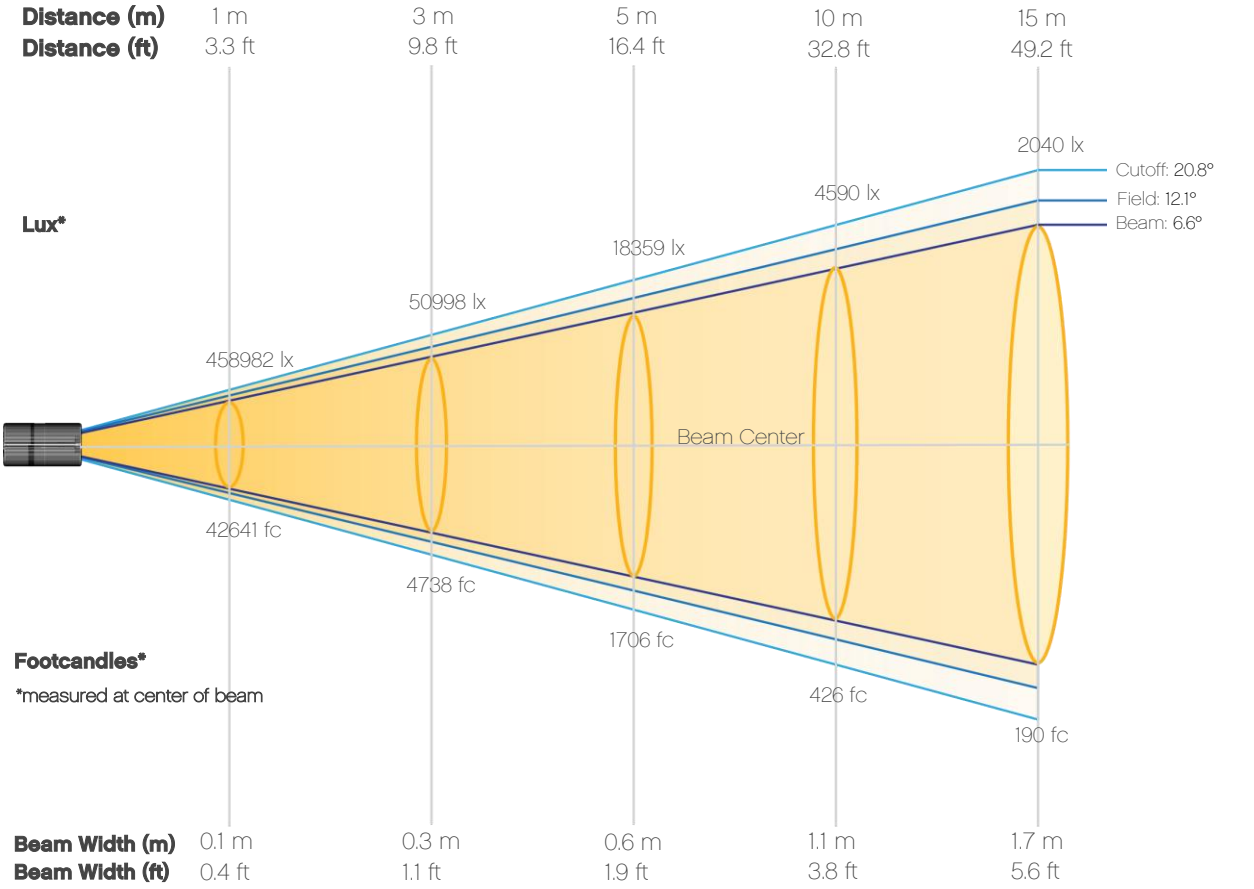
Color Temperature

17847 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Full Power

Beam Details



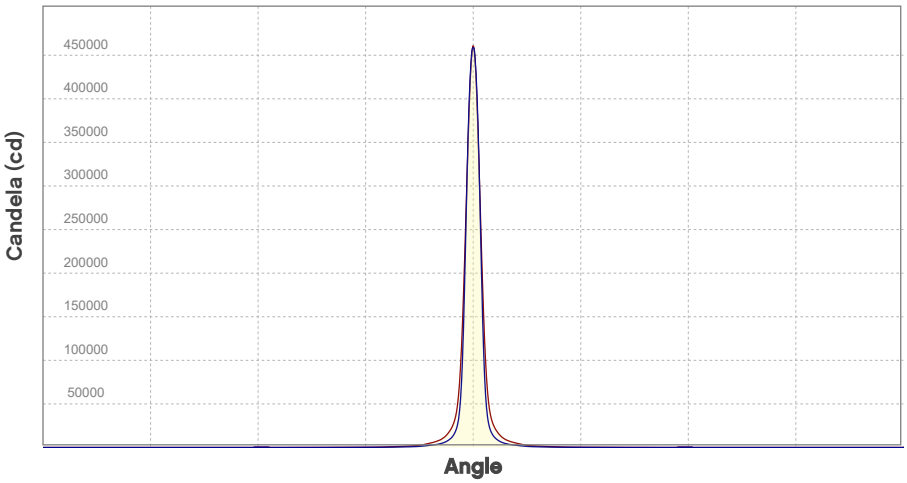
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	458982	114745	50998	28686	18359	12749	9367	7172	5666	4590
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	3793	3187	2716	2342	2040	1793	1588	1417	1271	1147
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	42641	10660	4738	2665	1706	1184	870	666	526	426
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	352	296	252	218	190	167	148	132	118	107

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Full Power

Candela Plot

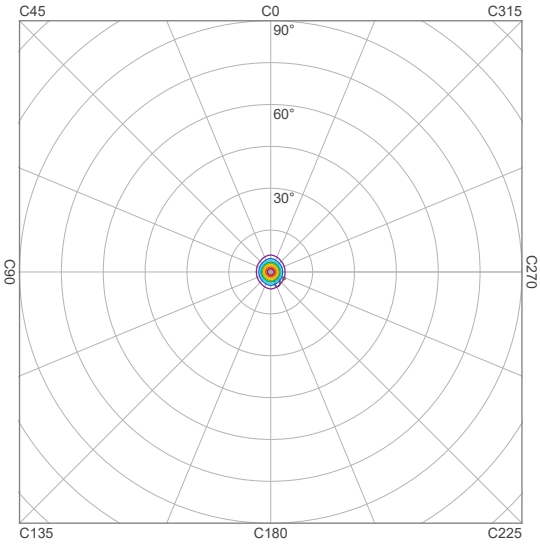


Beam Angle (50%): 6.6°
Field Angle (10%): 12.1°
Cutoff Angle (3%): 20.8°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

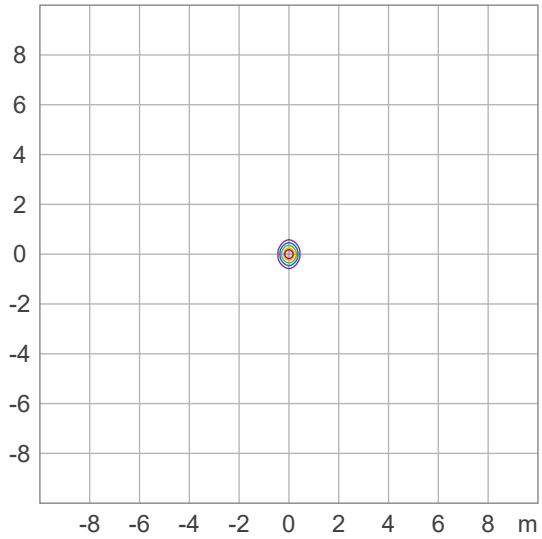
ISO Candela Diagram



90 %	413083.5 cd
80 %	367185.4 cd
70 %	321287.2 cd
60 %	275389.0 cd
50 %	229490.9 cd
40 %	183592.7 cd
30 %	137694.5 cd
20 %	91796.3 cd
10 %	45898.2 cd

Peak intensity: 458981.7 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	25499.0 lx
30.0 %	15299.4 lx
10.0 %	5099.8 lx
5.0 %	2549.9 lx
3.0 %	1529.9 lx

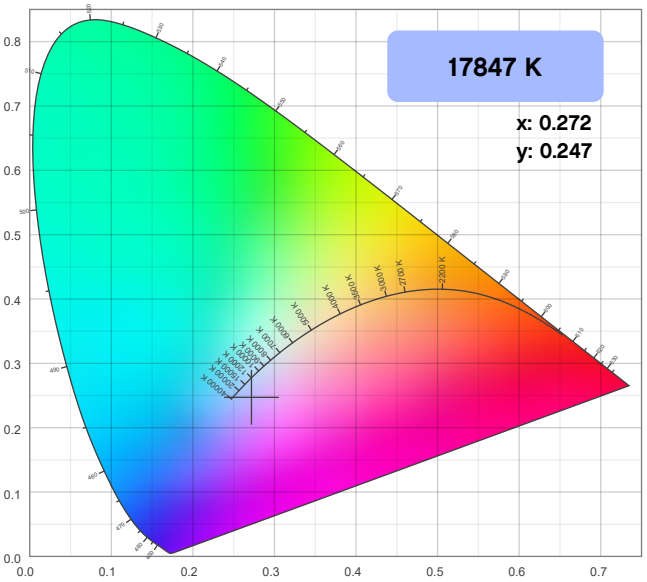
Peak illuminance: 50998.0 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

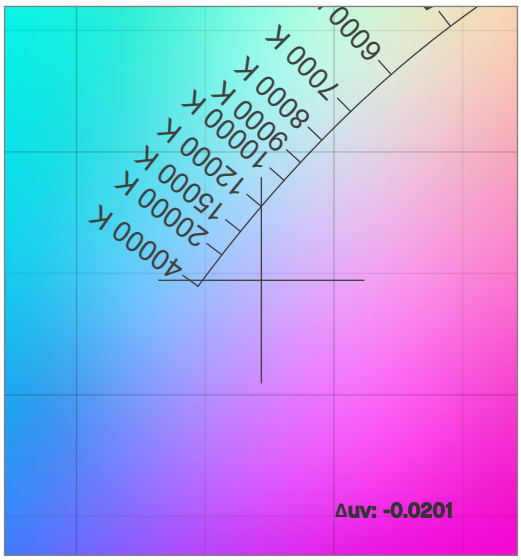
Ilumipanel ML2: Standard Optics - Full Power

Chromaticity

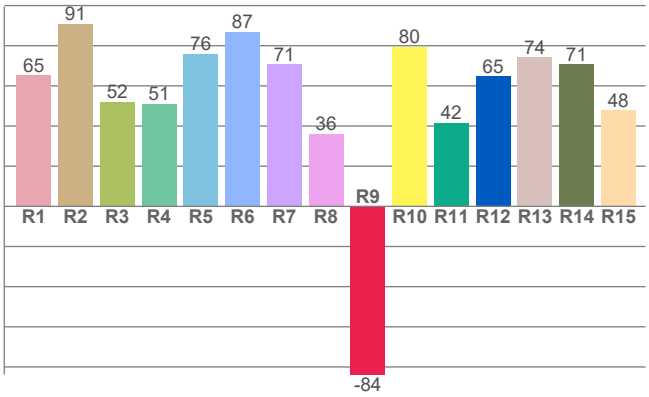
CIE 1931



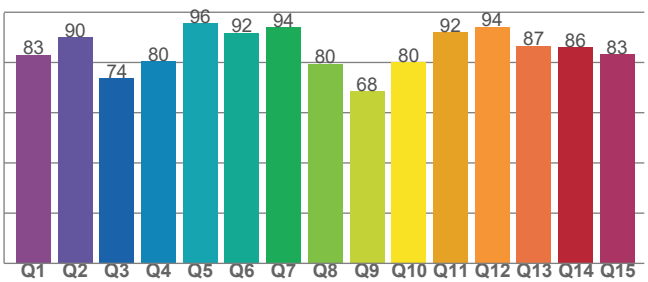
CIE 1931 - Zoom



CRI: 66.1 (R1-R8)



CQS: 83.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
17847 K	0.272	0.247

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0201	0.247	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.1	-83.8	83.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
74	72.4	118.8

Photometric & Chromaticity Report

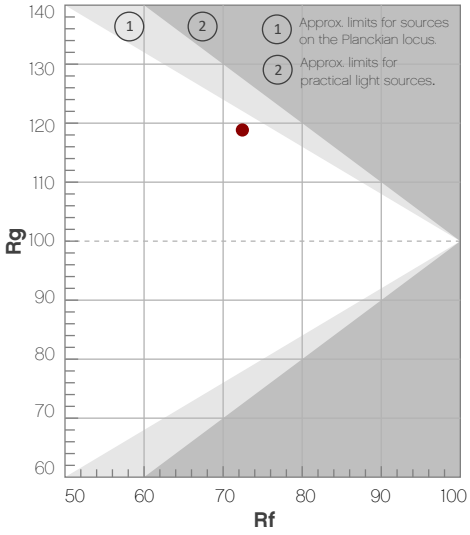
Ilumipanel ML2: Standard Optics - Full Power

TM-30 Details

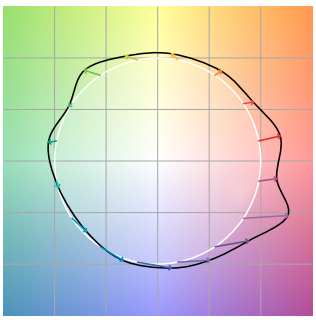
Rf 72.4
Fidelity Index (Rg)

Rg 118.8
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	63	21%	1%
2	80	9%	-4%
3	83	7%	-3%
4	79	5%	7%
5	75	6%	11%
6	77	13%	10%
7	72	1%	4%
8	83	7%	3%
9	86	-1%	6%
10	78	-5%	18%
11	50	-1%	26%
12	63	-1%	33%
13	55	4%	31%
14	53	13%	30%
15	56	34%	26%
16	67	17%	6%

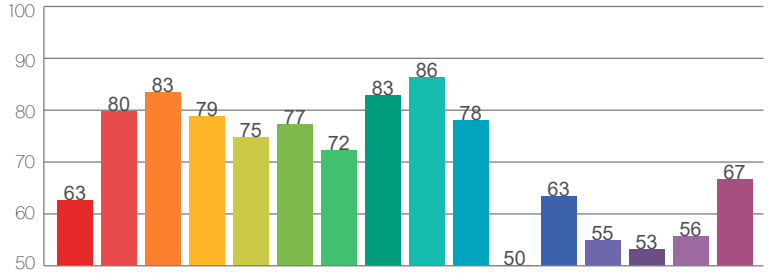


Color Vector Graphic

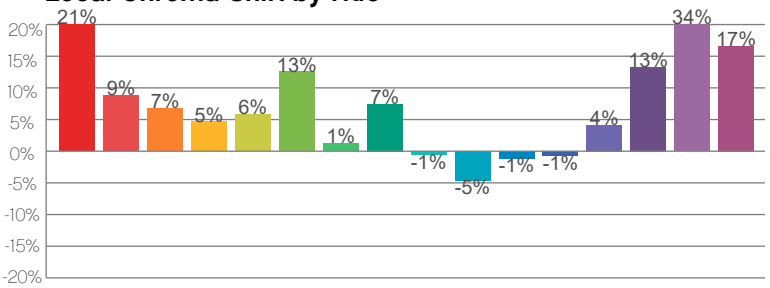


Color Distortion Graphic

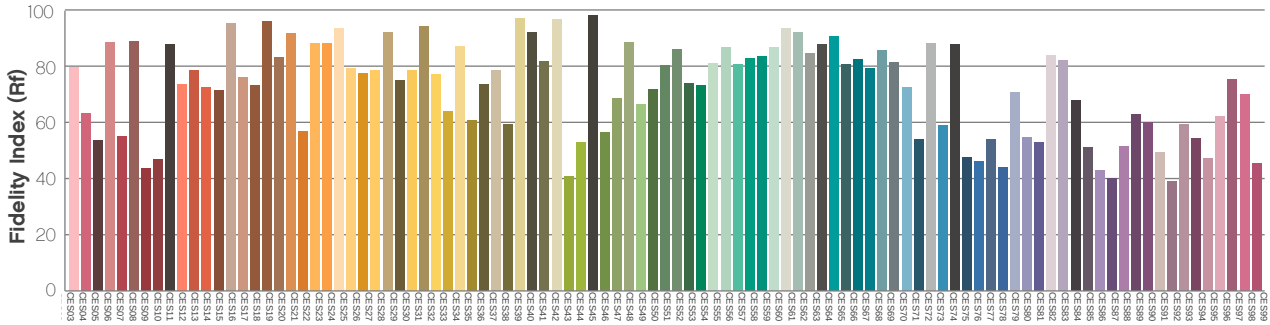
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Red Only

Report Summary

Measurements

Fixture Output: 2849 lm
Fixture Peak: 137925 cd
Fixture Efficacy: 22 lm/W
Intensity @ 5m: 5510 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 6.3°
Field Angle (10%): 11.5°
Cutoff Angle (3%): 19.4°

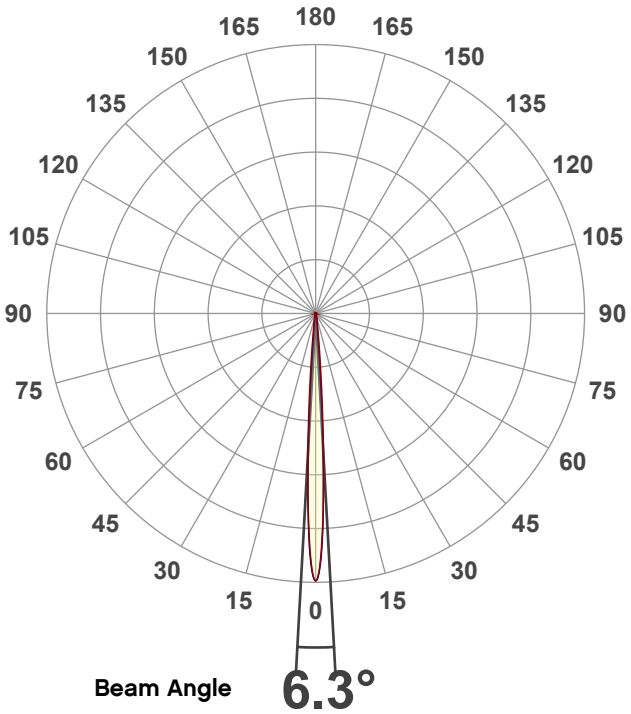
Conditions

AC Supply: 117 V, 60 Hz
Power: 134.26 W
Current: 1.15 A
Power Factor: 0.96

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

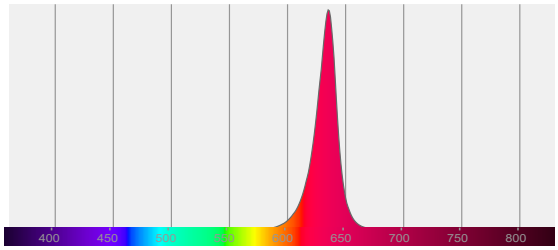
Overall Measurement

Angular Beam Distribution



Beam Angle 6.3°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.697
Y: 0.302

Light Quality

CRI: 0.0

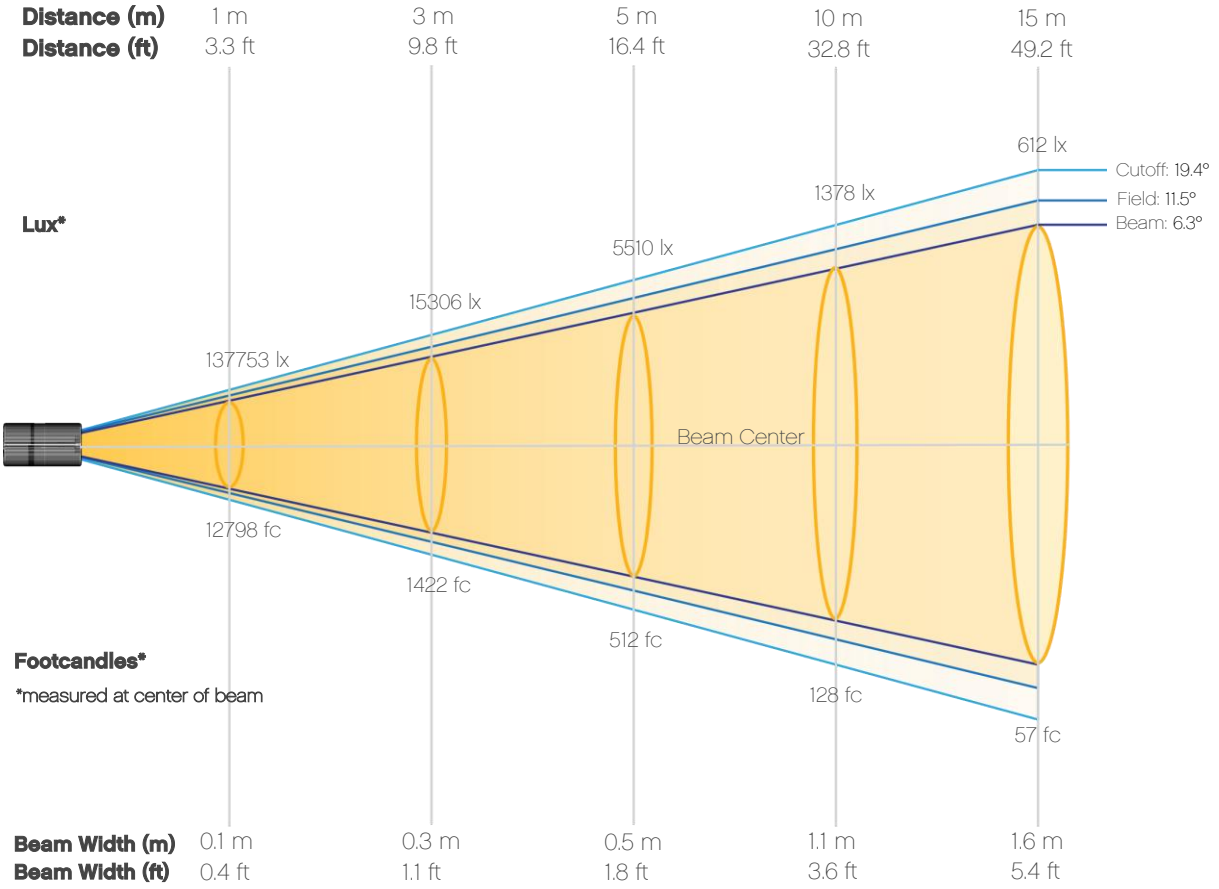
Color Temperature

0 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Red Only

Beam Details



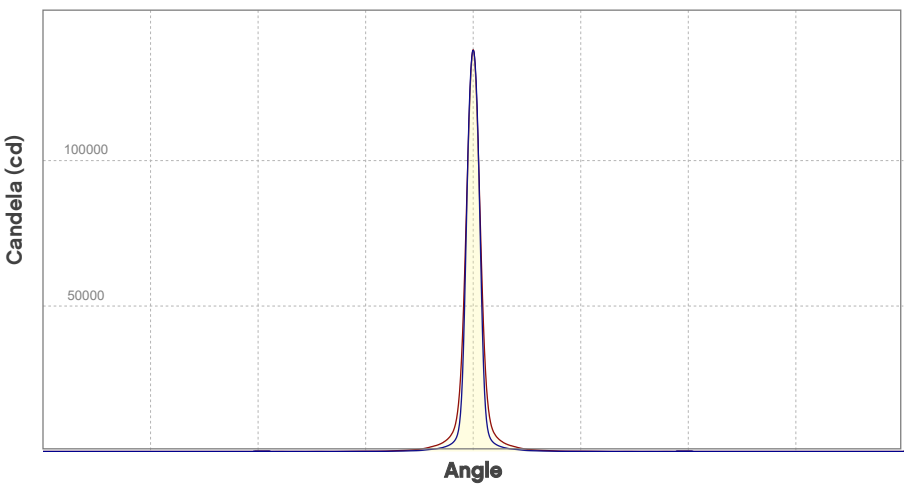
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	137753	34438	15306	8610	5510	3826	2811	2152	1701	1378
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1138	957	815	703	612	538	477	425	382	344
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	12798	3199	1422	800	512	355	261	200	158	128
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	106	89	76	65	57	50	44	39	35	32

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Red Only

Candela Plot

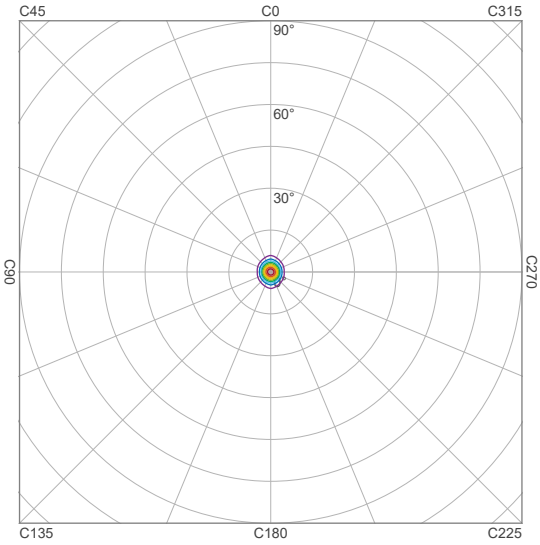


Beam Angle (50%): 6.3°
Field Angle (10%): 11.5°
Cutoff Angle (3%): 19.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

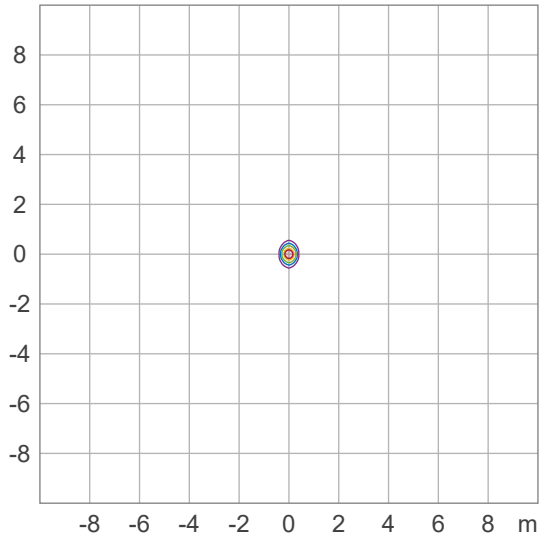
ISO Candela Diagram



90 %	123977.8 cd
80 %	110202.5 cd
70 %	96427.2 cd
60 %	82651.9 cd
50 %	68876.6 cd
40 %	55101.3 cd
30 %	41325.9 cd
20 %	27550.6 cd
10 %	13775.3 cd

Peak intensity: 137753.1 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	7653.0 lx
30.0 %	4591.8 lx
10.0 %	1530.6 lx
5.0 %	765.3 lx
3.0 %	459.2 lx

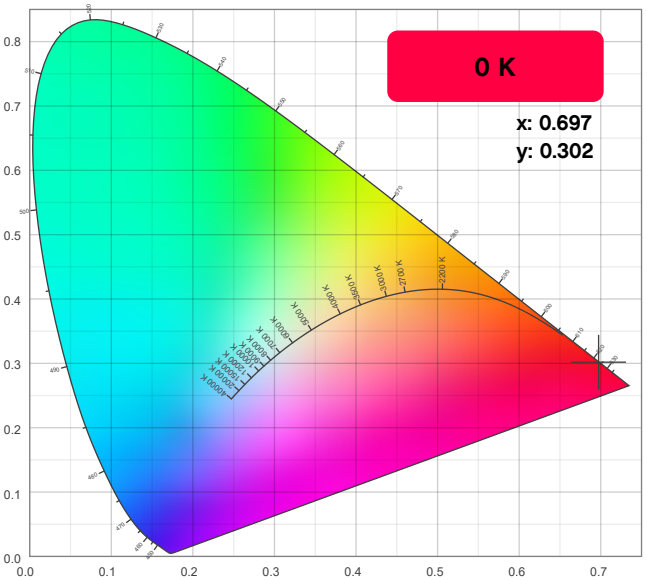
Peak illuminance: 15305.9 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

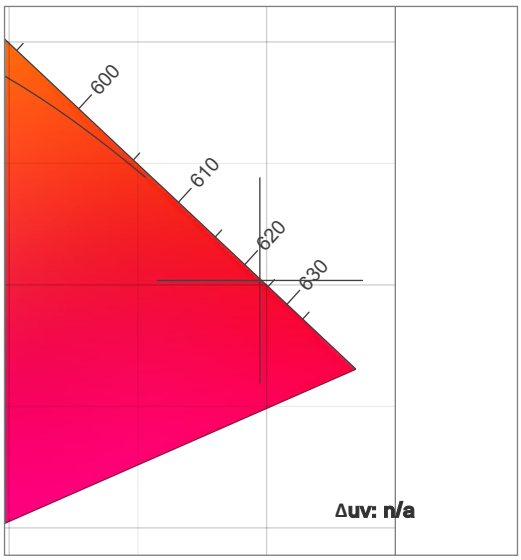
Ilumipanel ML2: Standard Optics - Red Only

Chromaticity

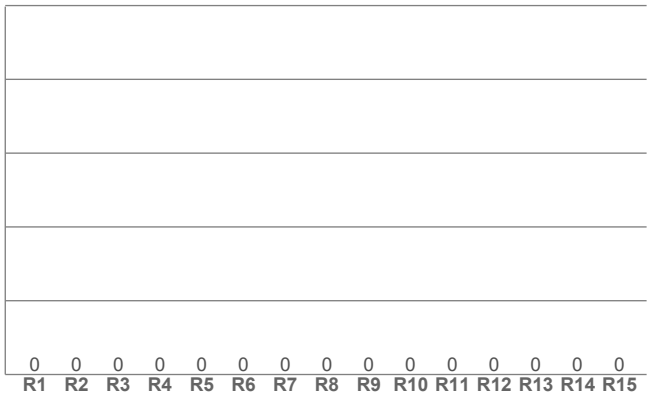
CIE 1931



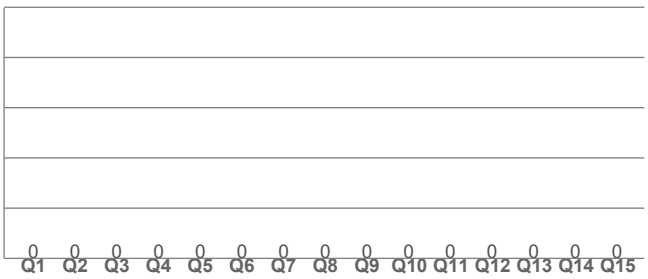
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.697	0.302

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.302	0.534

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

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

Photometric & Chromaticity Report

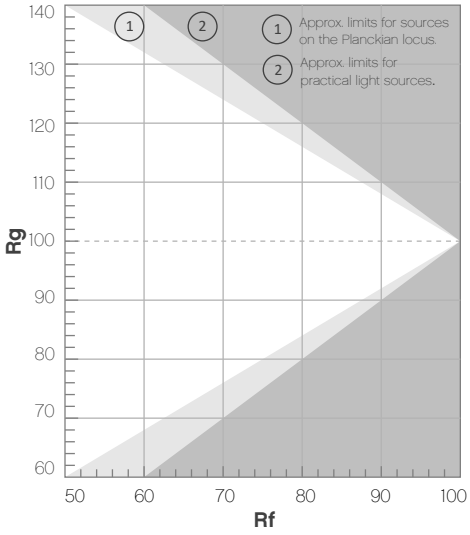
Ilumipanel ML2: Standard Optics - Red Only

TM-30 Details

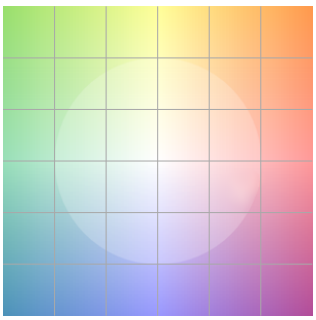
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index
(Rg)

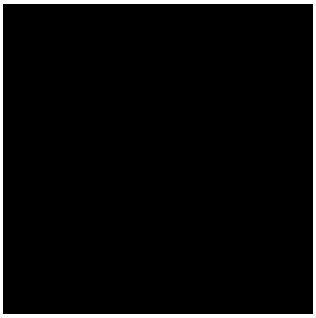
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



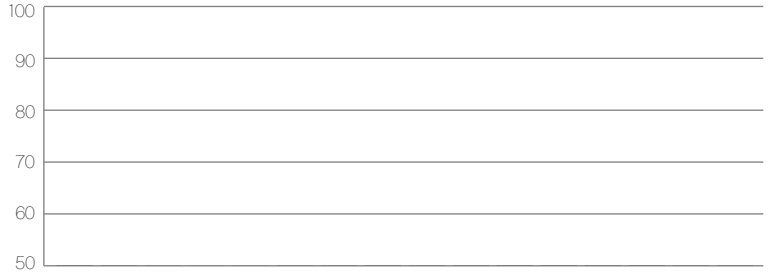
Color Vector Graphic



Color Distortion Graphic

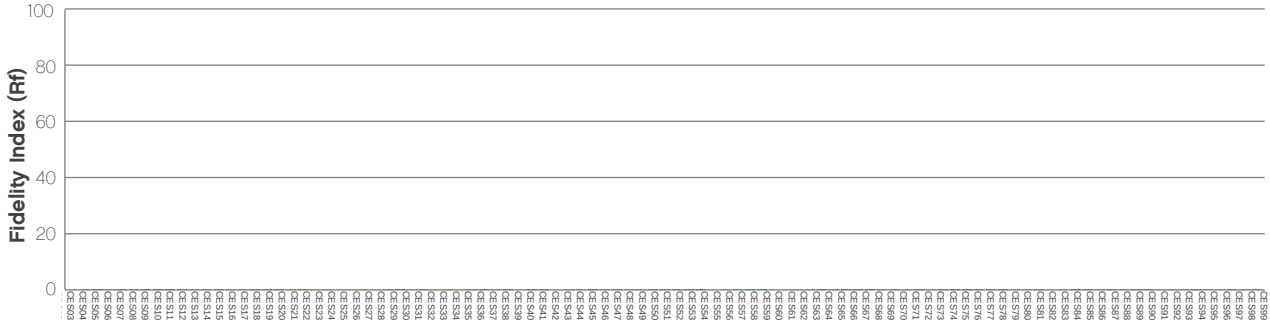


Rf by Hue



Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Green Only

Report Summary

Measurements

Fixture Output: 5478 lm
Fixture Peak: 259178 cd
Fixture Efficacy: 33 lm/W
Intensity @ 5m: 10348 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 6.5°
Field Angle (10%): 11.5°
Cutoff Angle (3%): 19.1°

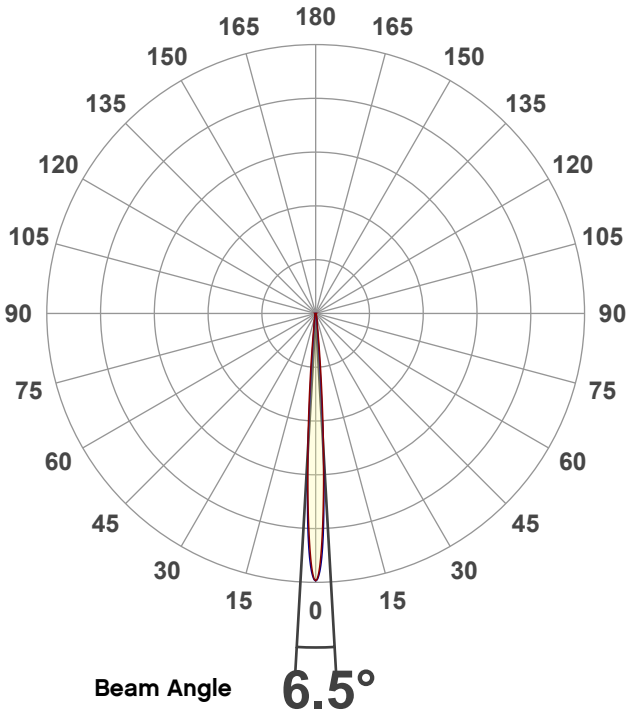
Conditions

AC Supply: 116 V, 60 Hz
Power: 171.43 W
Current: 1.48 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

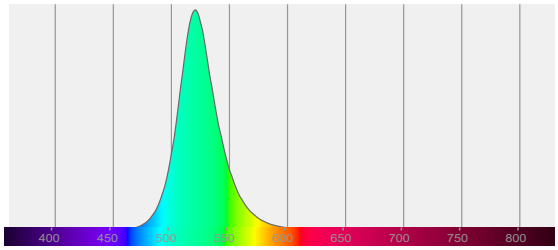
Overall Measurement

Angular Beam Distribution



Beam Angle 6.5°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.172
Y: 0.717

Light Quality

CRI: 0.0

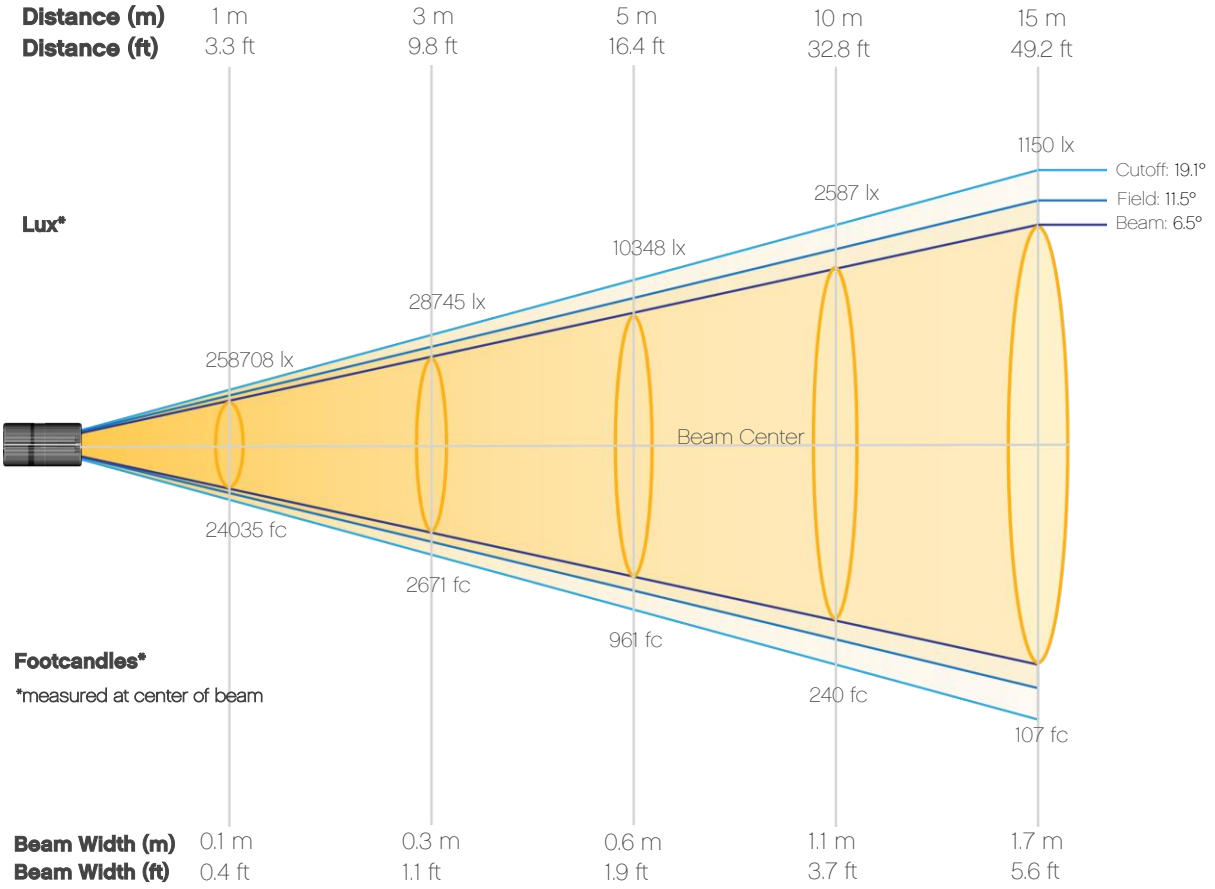
Color Temperature

0 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Green Only

Beam Details



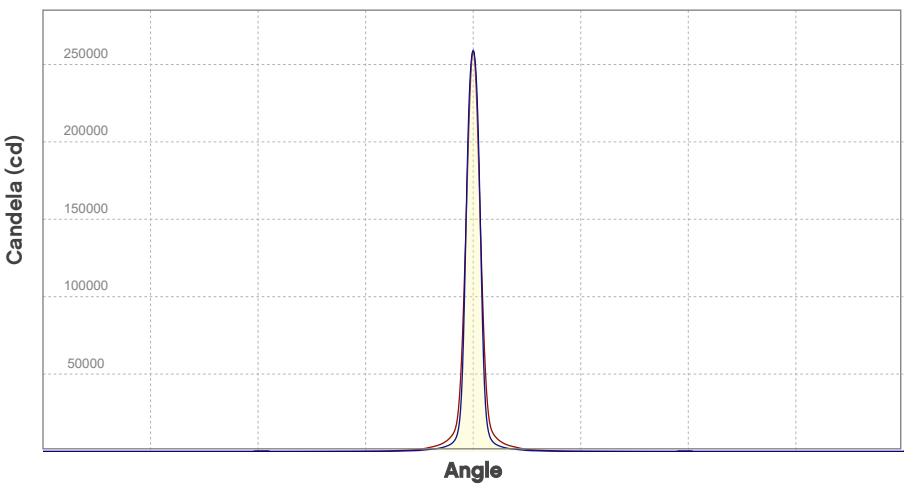
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	258708	64677	28745	16169	10348	7186	5280	4042	3194	2587
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2138	1797	1531	1320	1150	1011	895	798	717	647
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	24035	6009	2671	1502	961	668	491	376	297	240
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	199	167	142	123	107	94	83	74	67	60

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Green Only

Candela Plot

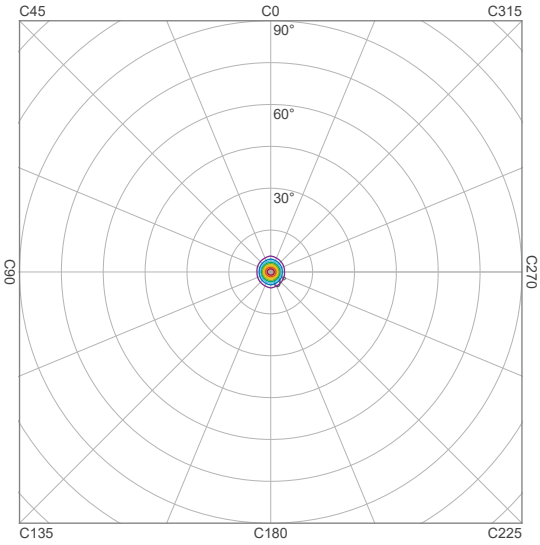


Beam Angle (50%): 6.5°
Field Angle (10%): 11.5°
Cutoff Angle (3%): 19.1°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

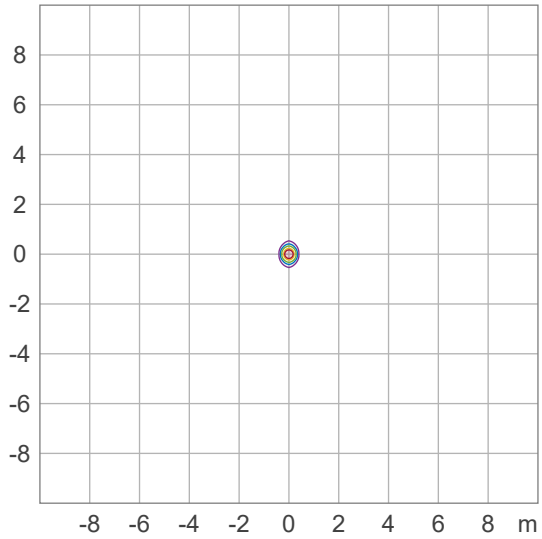
ISO Candela Diagram



90 %	232837.2 cd
80 %	206966.4 cd
70 %	181095.6 cd
60 %	155224.8 cd
50 %	129354.0 cd
40 %	103483.2 cd
30 %	77612.4 cd
20 %	51741.6 cd
10 %	25870.8 cd

Peak intensity: 258708.0 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	14372.7 lx
30.0 %	8623.6 lx
10.0 %	2874.5 lx
5.0 %	1437.3 lx
3.0 %	862.4 lx

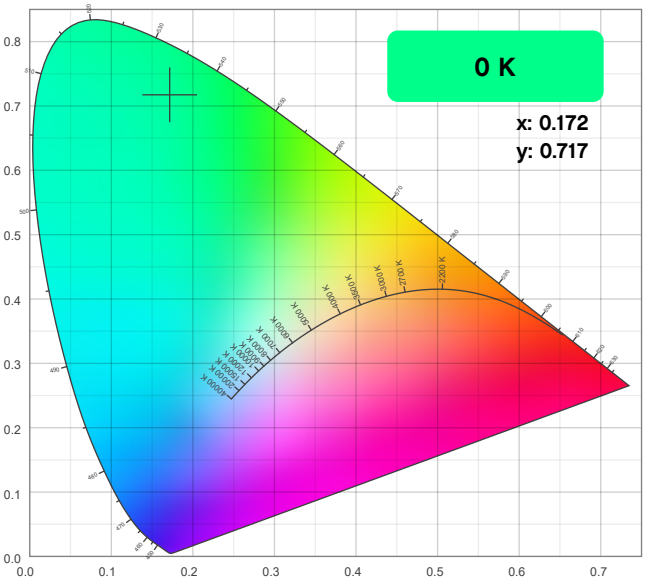
Peak illuminance: 28745.3 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

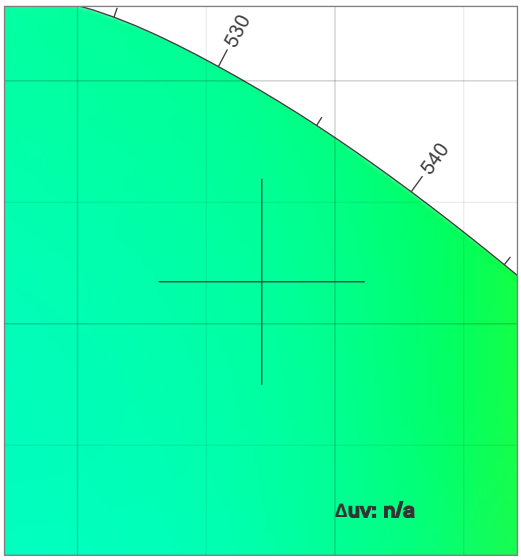
Ilumipanel ML2: Standard Optics - Green Only

Chromaticity

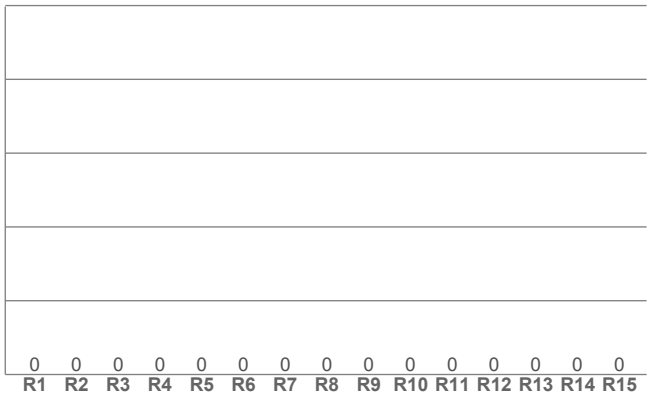
CIE 1931



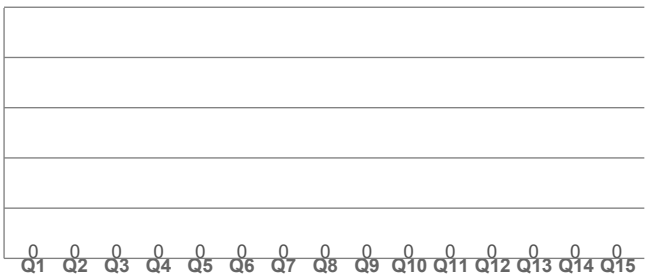
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.172	0.717

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.717	0.061

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

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

Photometric & Chromaticity Report

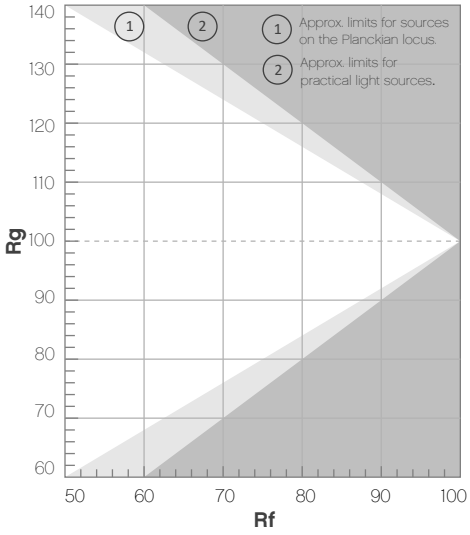
Ilumipanel ML2: Standard Optics - Green Only

TM-30 Details

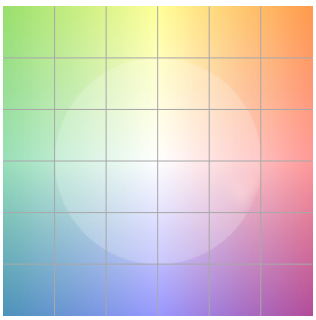
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index
(Rg)

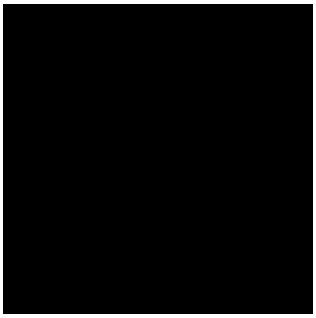
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



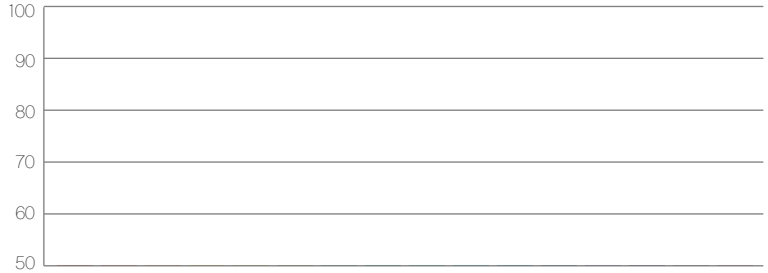
Color Vector Graphic



Color Distortion Graphic

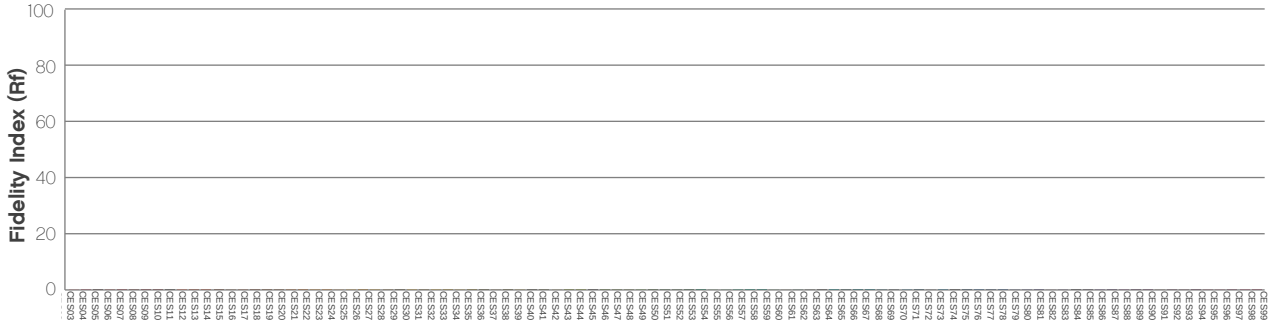


Rf by Hue



Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Blue Only

Report Summary

Measurements

Fixture Output: 1370 lm
Fixture Peak: 64353 cd
Fixture Efficacy: 8 lm/W
Intensity @ 5m: 2572 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 6.5°
Field Angle (10%): 11.6°
Cutoff Angle (3%): 19.3°

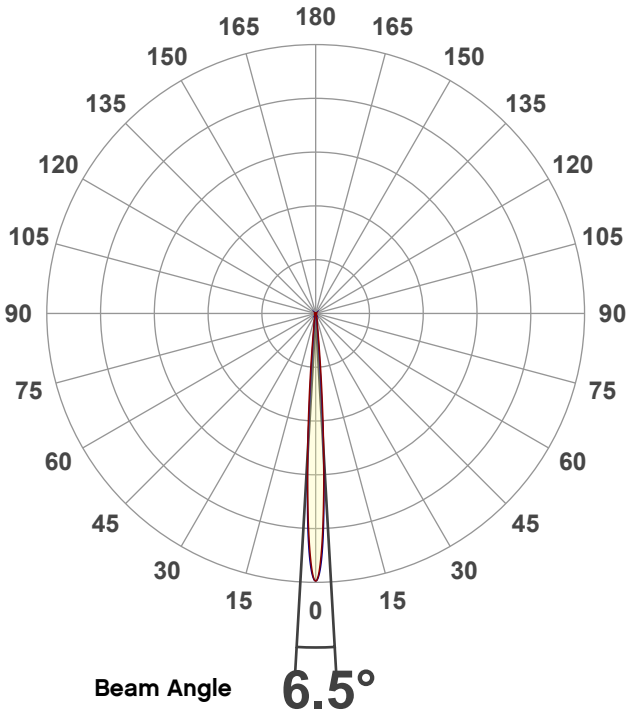
Conditions

AC Supply: 116 V, 60 Hz
Power: 169.15 W
Current: 1.46 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

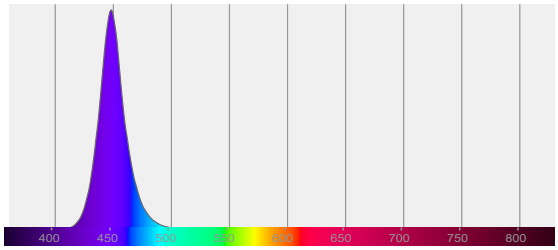
Overall Measurement

Angular Beam Distribution



Beam Angle 6.5°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.156
Y: 0.028

Light Quality

CRI: 0.0

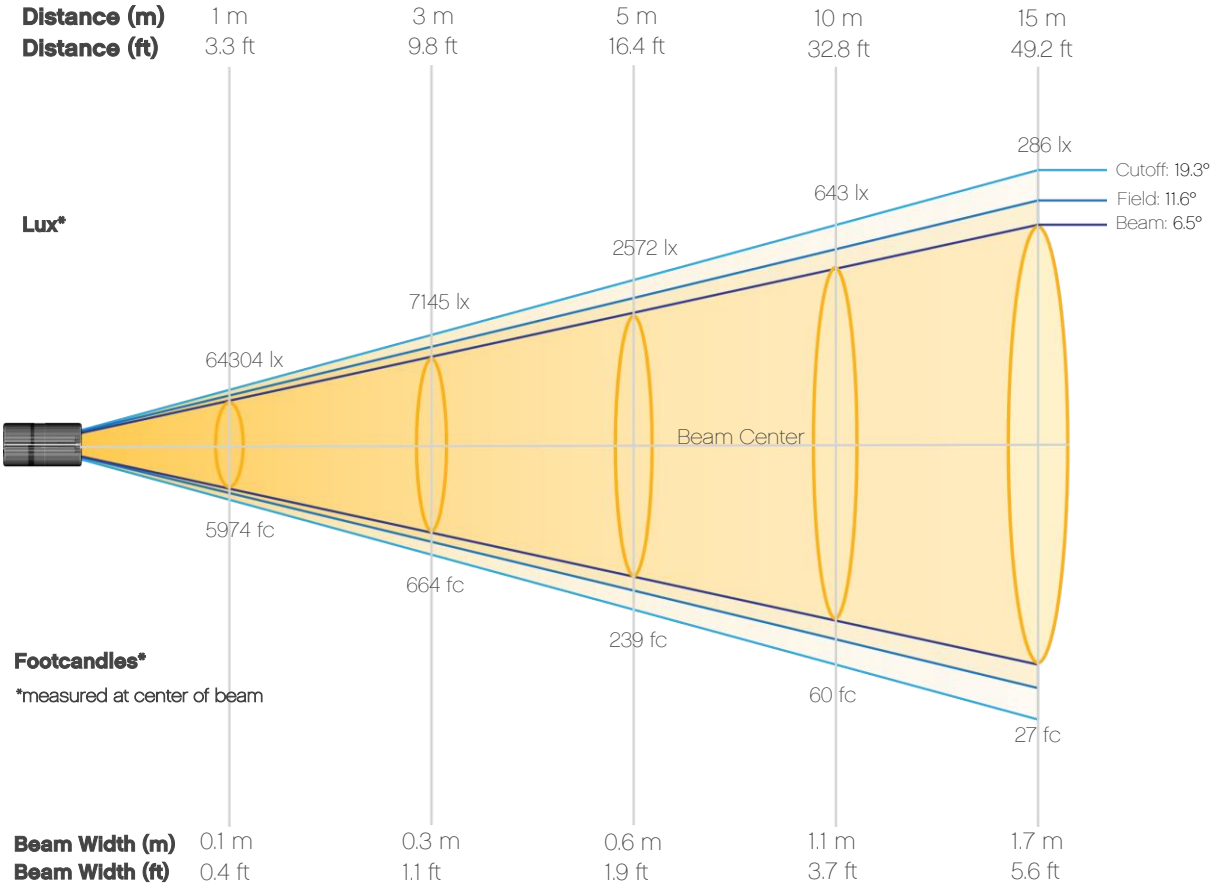
Color Temperature

0 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Blue Only

Beam Details



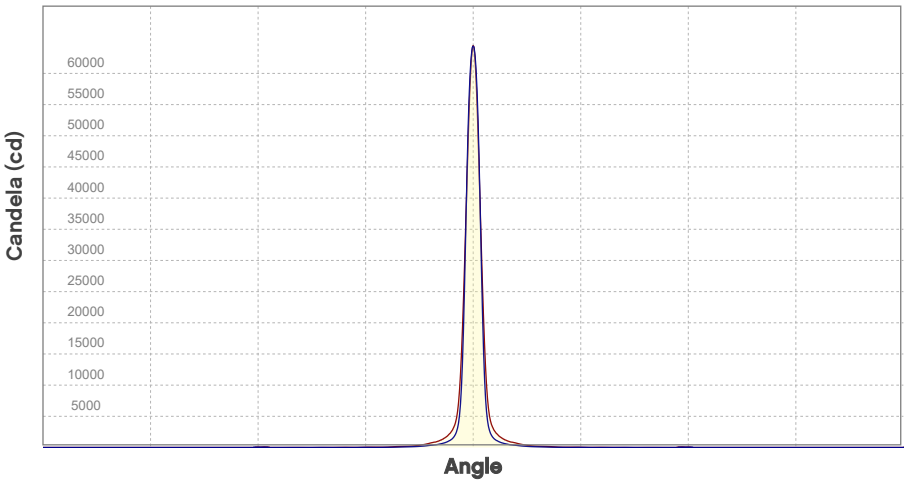
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	64304	16076	7145	4019	2572	1786	1312	1005	794	643
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	531	447	380	328	286	251	223	198	178	161
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5974	1494	664	373	239	166	122	93	74	60
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	49	41	35	30	27	23	21	18	17	15

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Blue Only

Candela Plot

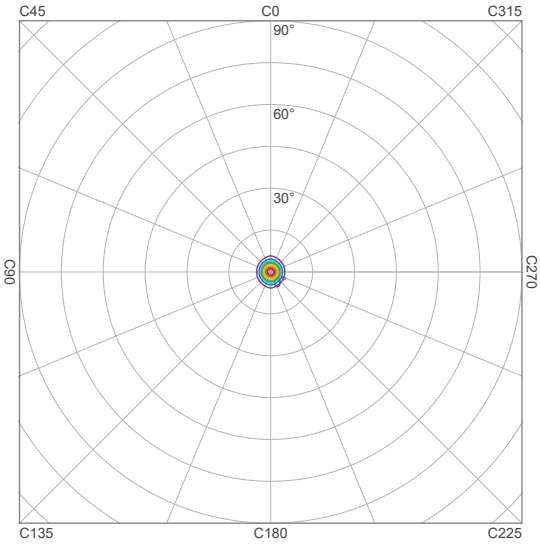


Beam Angle (50%): 6.5°
Field Angle (10%): 11.6°
Cutoff Angle (3%): 19.3°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

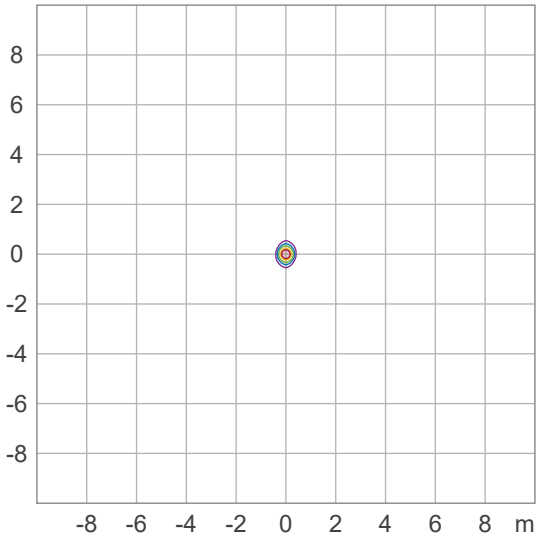
ISO Candela Diagram



90 %	57873.4 cd
80 %	51443.0 cd
70 %	45012.6 cd
60 %	38582.3 cd
50 %	32151.9 cd
40 %	25721.5 cd
30 %	19291.1 cd
20 %	12860.8 cd
10 %	6430.4 cd

Peak intensity: 64303.7 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	3572.4 lx
30.0 %	2143.5 lx
10.0 %	714.5 lx
5.0 %	357.2 lx
3.0 %	214.3 lx

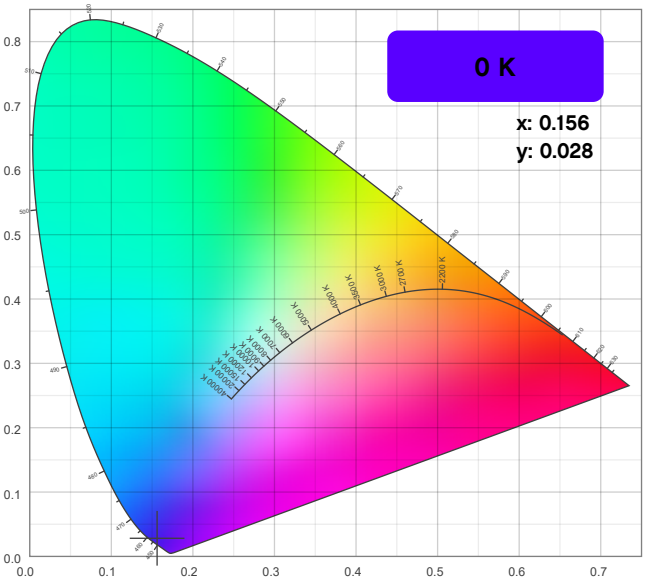
Peak illuminance: 7144.9 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

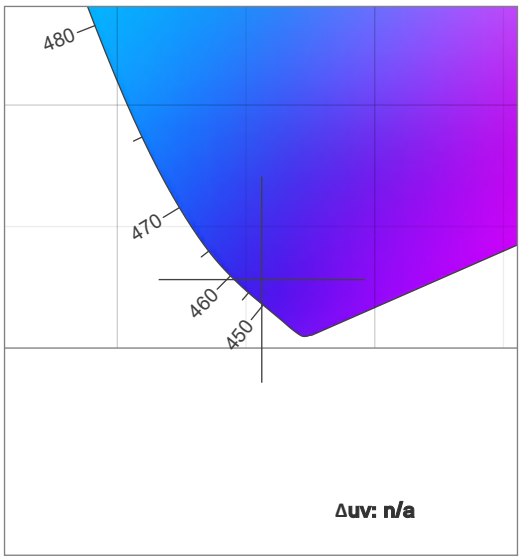
Ilumipanel ML2: Standard Optics - Blue Only

Chromaticity

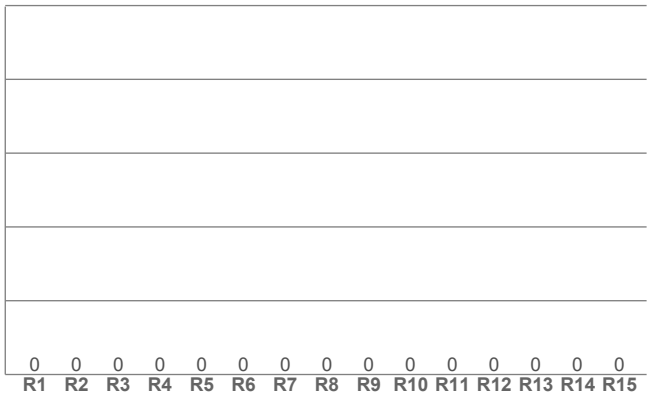
CIE 1931



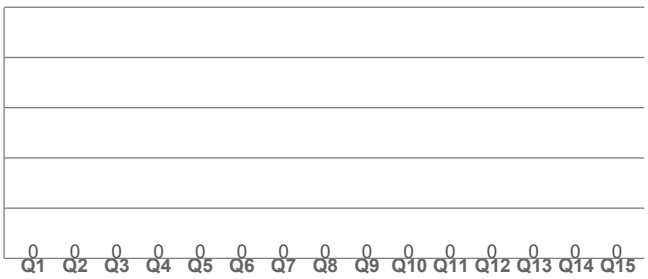
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.156	0.028

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.028	0.206

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

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

Photometric & Chromaticity Report

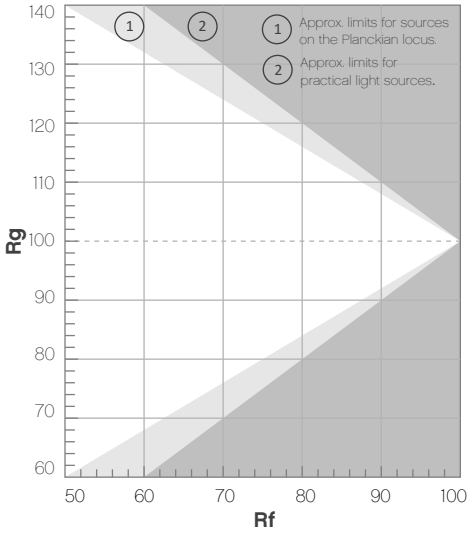
Ilumipanel ML2: Standard Optics - Blue Only

TM-30 Details

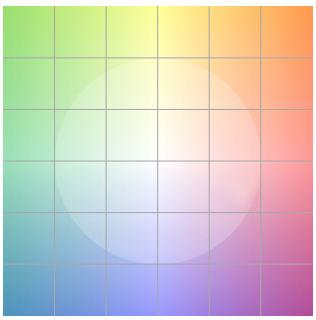
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index
(Rg)

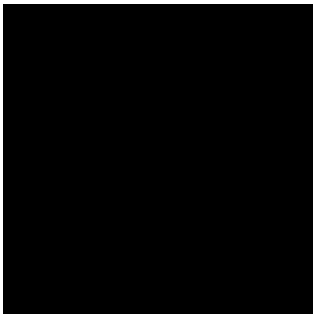
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



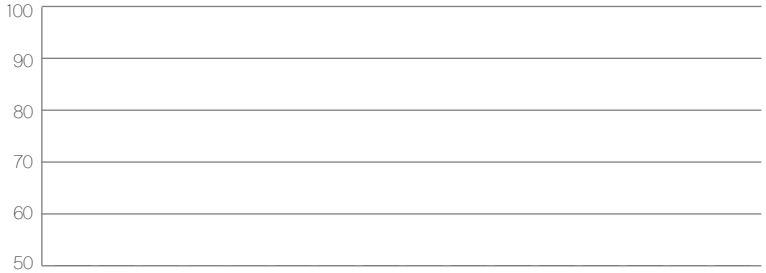
Color Vector Graphic



Color Distortion Graphic

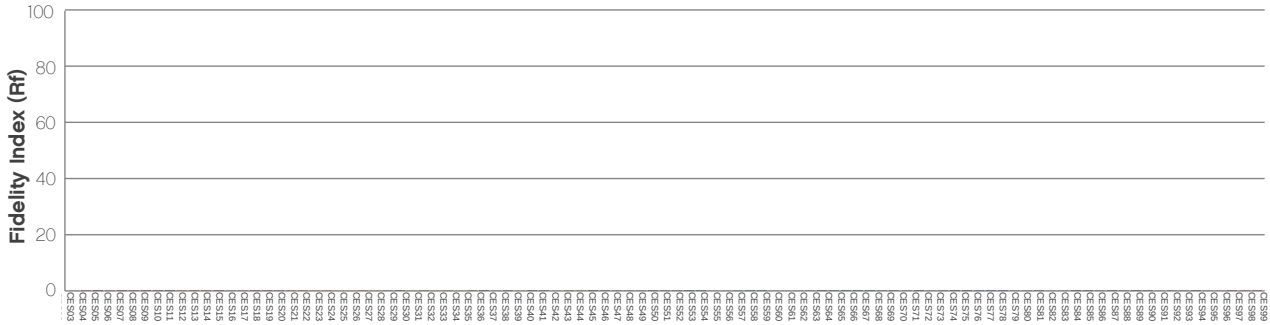


Rf by Hue



Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Lime Only

Report Summary

Measurements

Fixture Output: 9868 lm
Fixture Peak: 411351 cd
Fixture Efficacy: 61 lm/W
Intensity @ 5m: 16447 lux
Color Temperature: 0 K
CRI: 0.0 CRI R9 Value: 0.0
CQS: 0.0
TLCI: n/a
TM-30 Rf: 0.0
TM-30 Rg: 0.0
Beam Angle (50%): 6.6°
Field Angle (10%): 12.7°
Cutoff Angle (3%): 22°

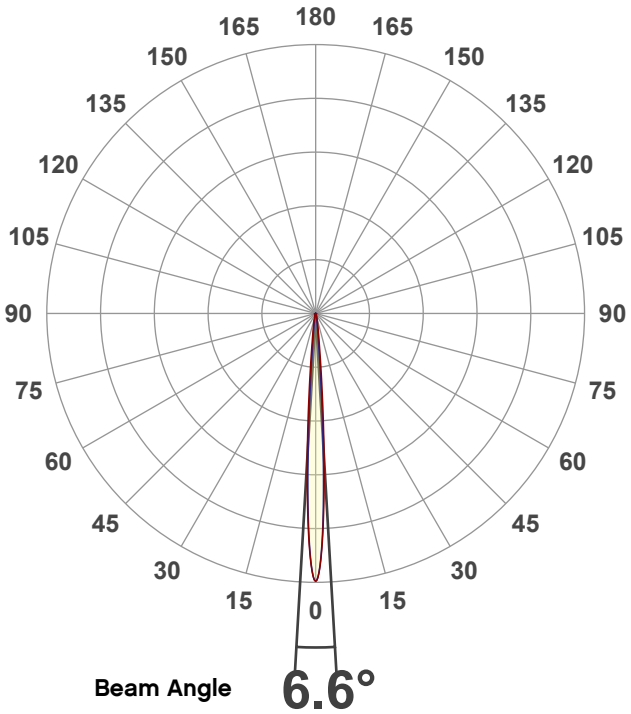
Conditions

AC Supply: 116 V, 60 Hz
Power: 165.82 W
Current: 1.43 A
Power Factor: 0.97

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

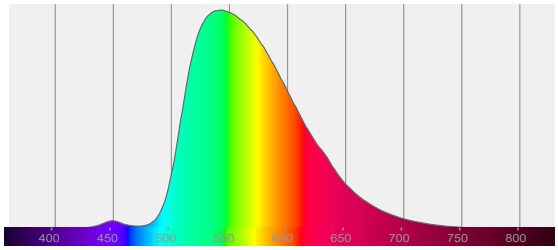
Overall Measurement

Angular Beam Distribution



Beam Angle 6.6°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.407
Y: 0.553

Light Quality

CRI: 0.0

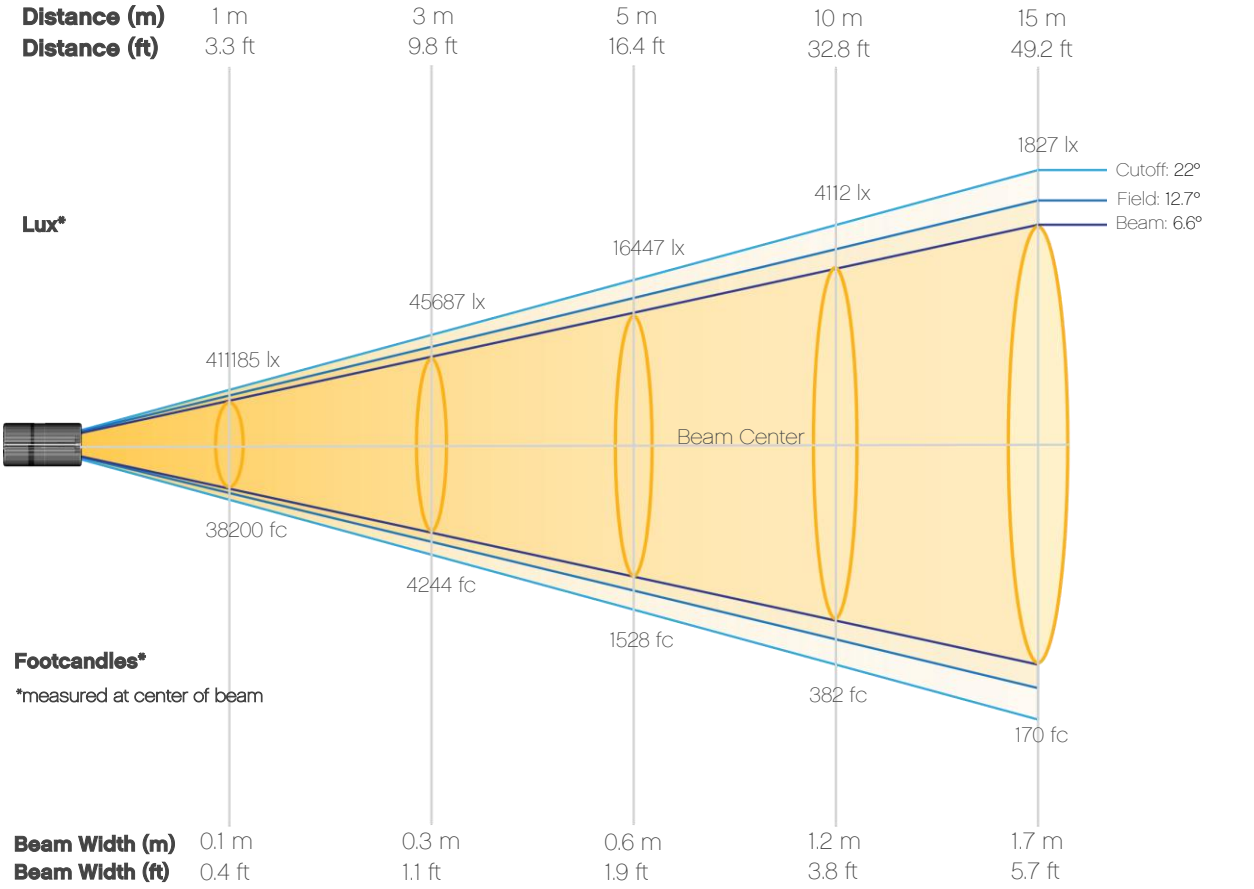
Color Temperature

0 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Lime Only

Beam Details



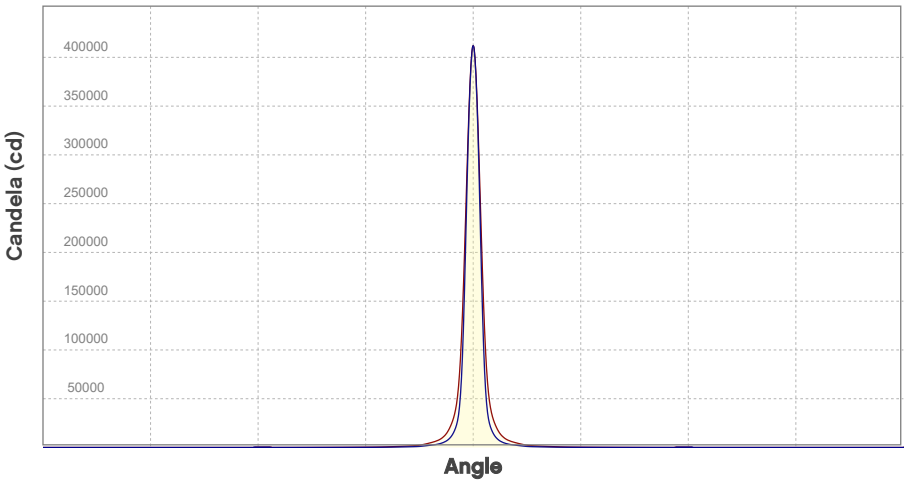
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	411185	102796	45687	25699	16447	11422	8392	6425	5076	4112
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	3398	2855	2433	2098	1827	1606	1423	1269	1139	1028
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	38200	9550	4244	2388	1528	1061	780	597	472	382
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	316	265	226	195	170	149	132	118	106	96

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics - Lime Only

Candela Plot

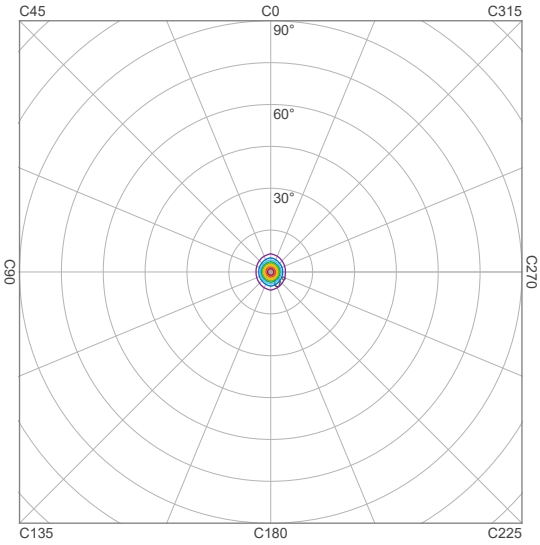


Beam Angle (50%): 6.6°
Field Angle (10%): 12.7°
Cutoff Angle (3%): 22°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

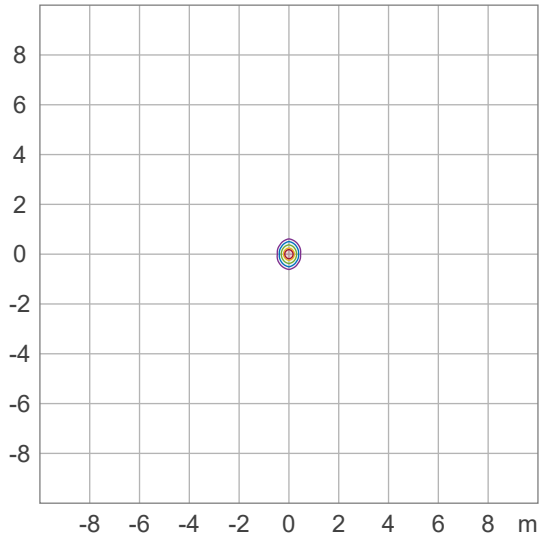
ISO Candela Diagram



90 %	370066.8 cd
80 %	328948.2 cd
70 %	287829.7 cd
60 %	246711.2 cd
50 %	205592.6 cd
40 %	164474.1 cd
30 %	123355.6 cd
20 %	82237.1 cd
10 %	41118.5 cd

Peak intensity: 411185.3 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	22843.6 lx
30.0 %	13706.2 lx
10.0 %	4568.7 lx
5.0 %	2284.4 lx
3.0 %	1370.6 lx

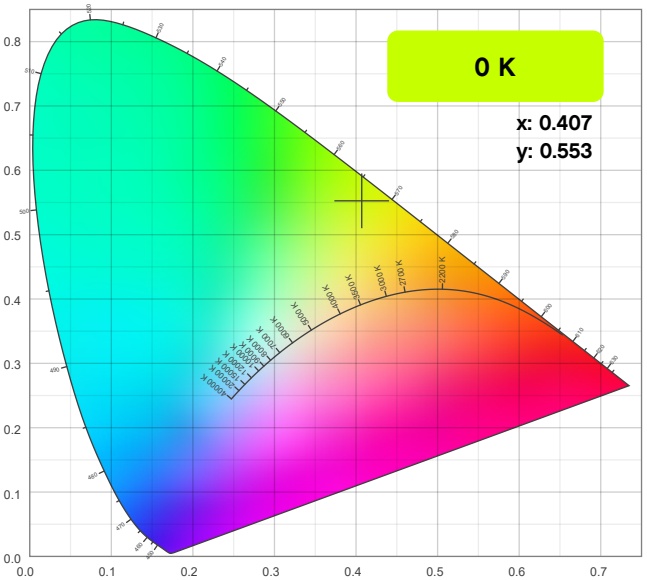
Peak illuminance: 45687.3 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

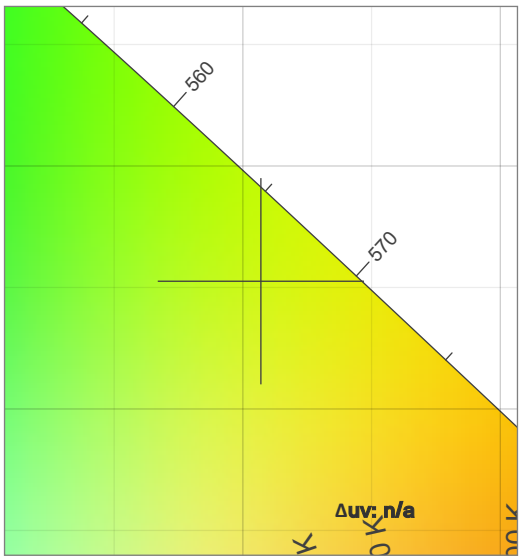
Ilumipanel ML2: Standard Optics - Lime Only

Chromaticity

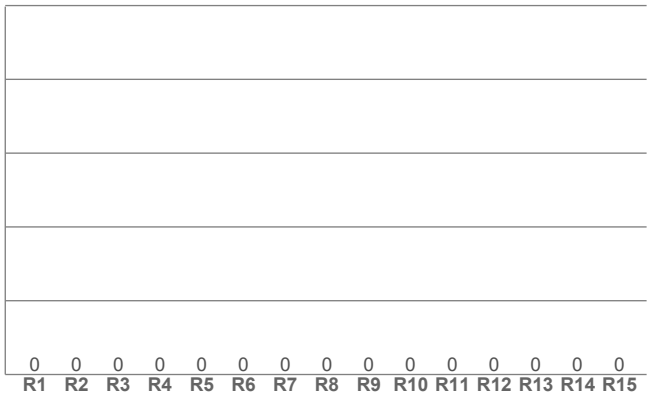
CIE 1931



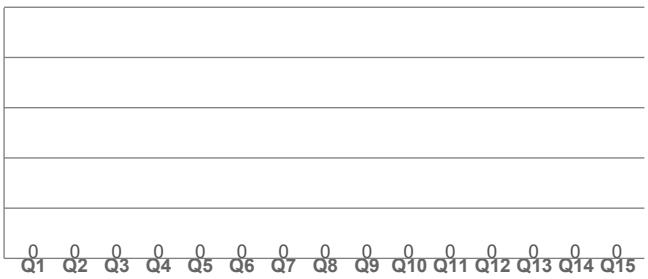
CIE 1931 - Zoom



CRI: 0.0 (R1-R8)



CQS: 0.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
0 K	0.407	0.553

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
n/a	0.553	0.185

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

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

Photometric & Chromaticity Report

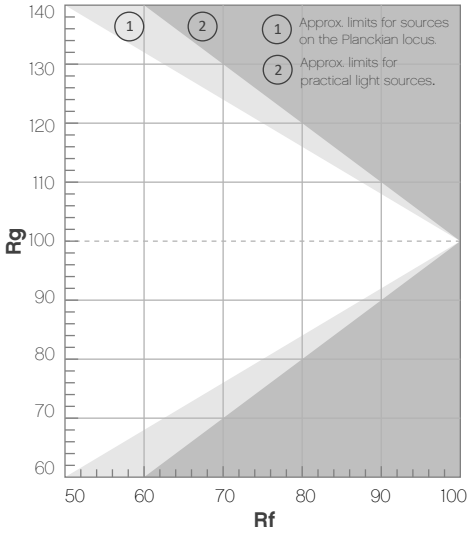
Ilumipanel ML2: Standard Optics - Lime Only

TM-30 Details

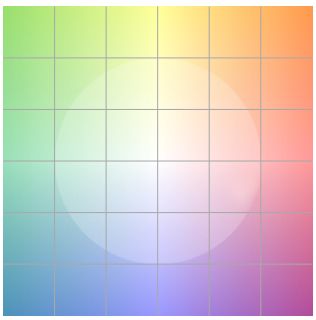
Rf 0.0
Fidelity Index (Rg)

Rg 0.0
Gammut Index
(Rg)

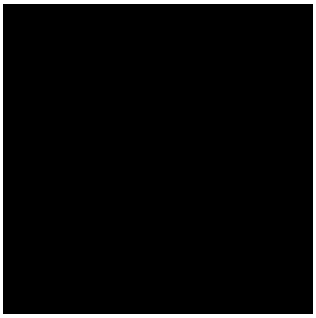
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



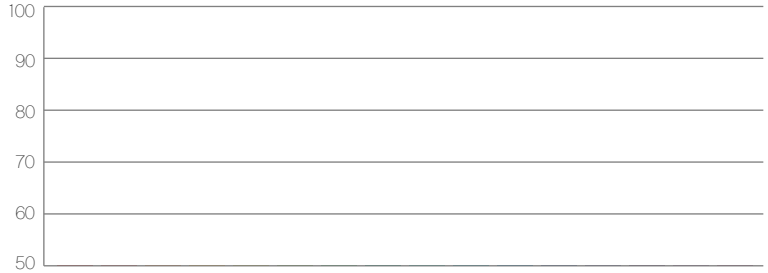
Color Vector Graphic



Color Distortion Graphic

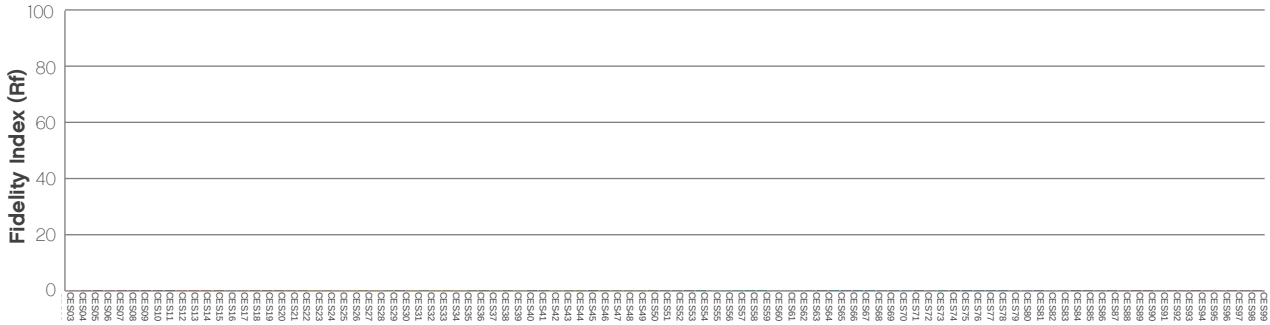


Rf by Hue



Local Chroma Shift by Hue

Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Medium Filter - Full Power

Report Summary

Measurements

Fixture Output: 9008 lm
Fixture Peak: 30740 cd
Fixture Efficacy: 28 lm/W
Intensity @ 5m: 1227 lux
Color Temperature: 16640 K
CRI: 66.3 CRI R9 Value: -86.0
CQS: 83.4
TLCI: 72
TM-30 Rf: 72.7
TM-30 Rg: 118.5
Beam Angle (50%): 26°
Field Angle (10%): 52.5°
Cutoff Angle (3%): 74.4°

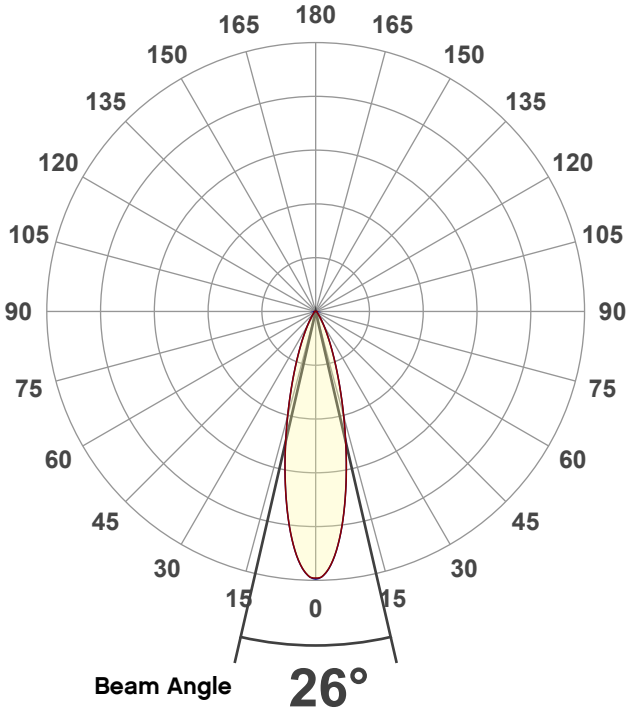
Conditions

AC Supply: 113 V, 60.1 Hz
Power: 321.14 W
Current: 2.83 A
Power Factor: 0.99

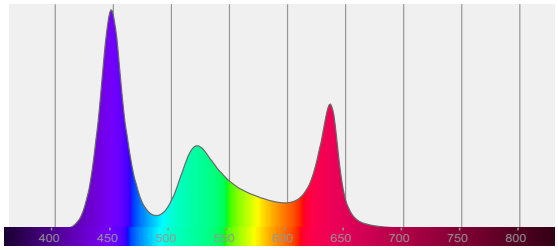
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.273
Y: 0.250

Light Quality

CRI: 66.3

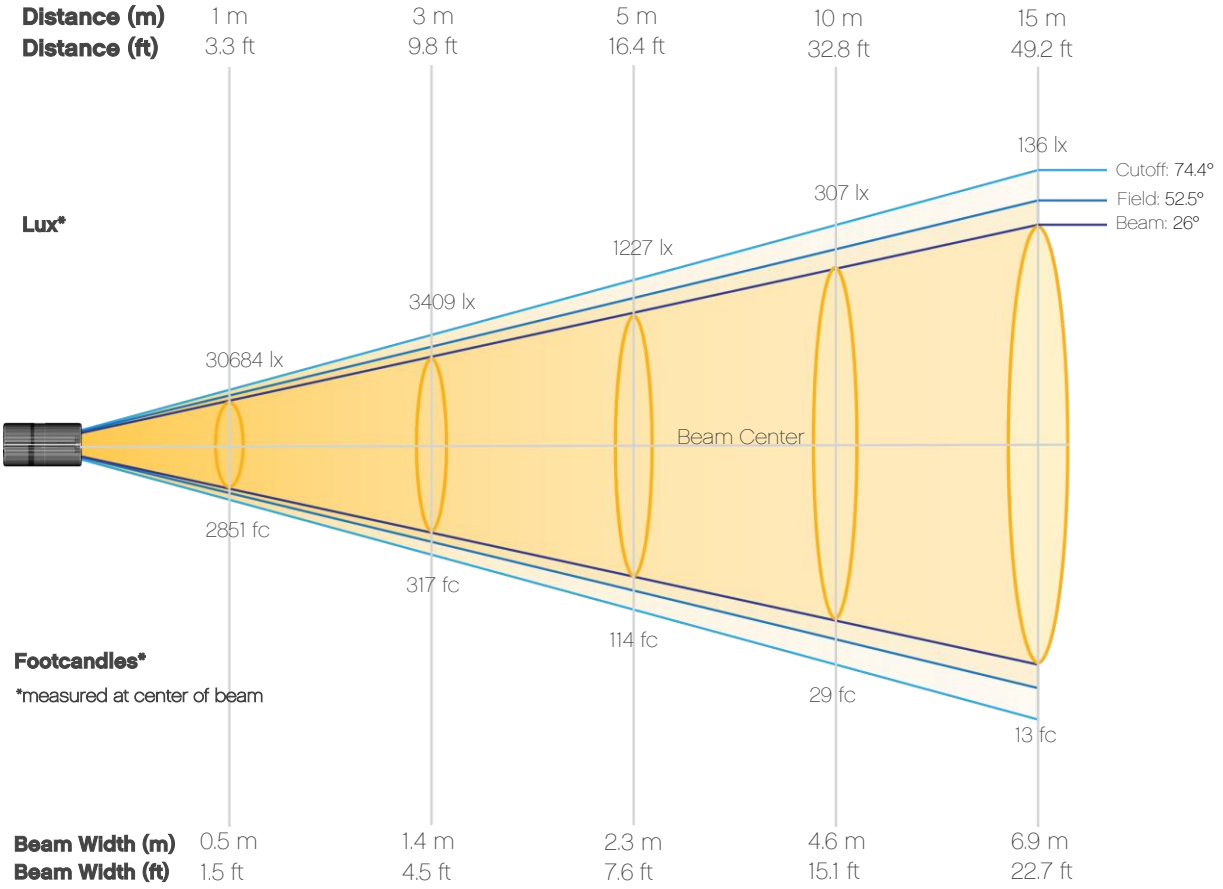
Color Temperature

16640 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Medium Filter - Full Power

Beam Details



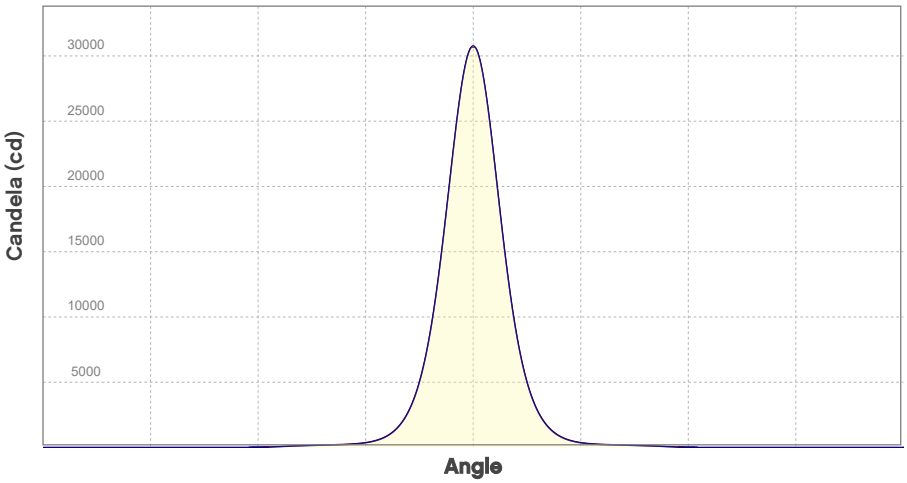
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30684	7671	3409	1918	1227	852	626	479	379	307
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	254	213	182	157	136	120	106	95	85	77
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2851	713	317	178	114	79	58	45	35	29
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	24	20	17	15	13	11	10	9	8	7

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Medium Filter - Full Power

Candela Plot

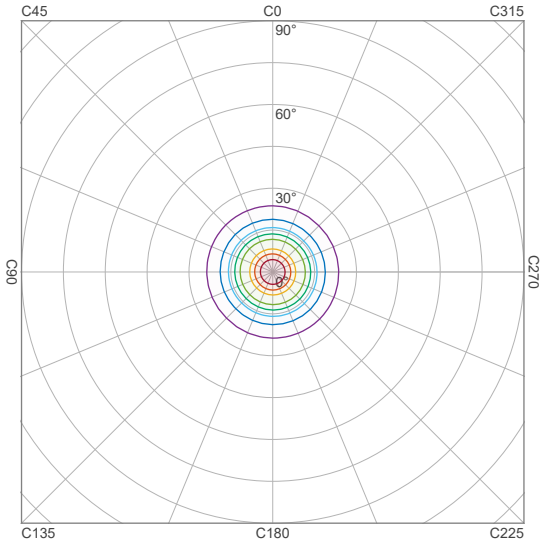


Beam Angle (50%): 26°
Field Angle (10%): 52.5°
Cutoff Angle (3%): 74.4°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

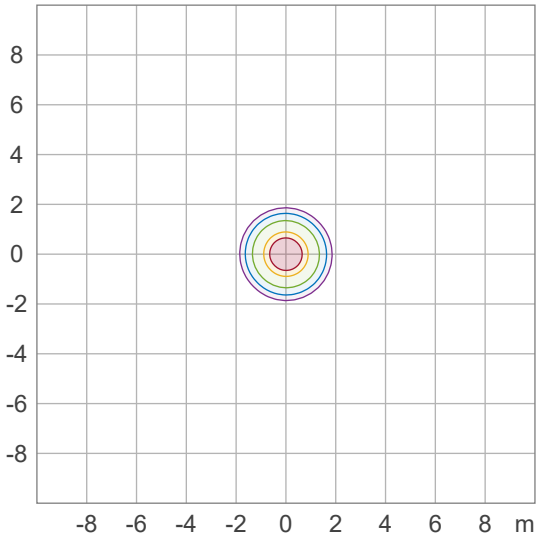
ISO Candela Diagram



90 %	27616.0 cd
80 %	24547.6 cd
70 %	21479.1 cd
60 %	18410.7 cd
50 %	15342.2 cd
40 %	12273.8 cd
30 %	9205.3 cd
20 %	6136.9 cd
10 %	3068.4 cd

Peak intensity: 30684.5 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1704.7 lx
30.0 %	1022.8 lx
10.0 %	340.9 lx
5.0 %	170.5 lx
3.0 %	102.3 lx

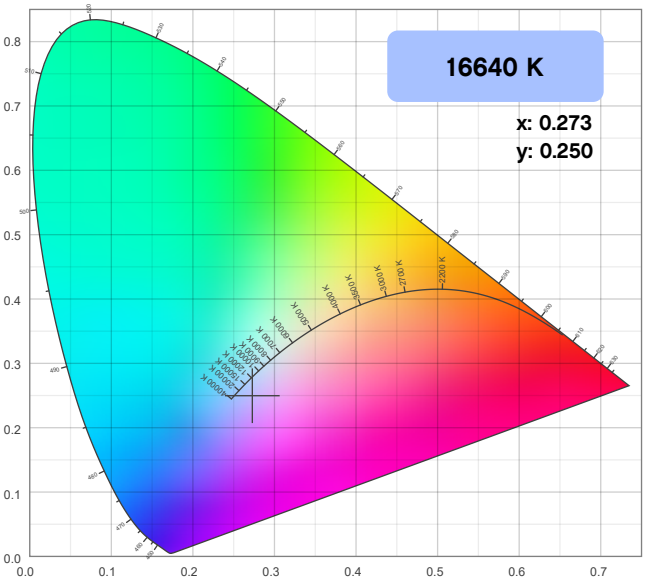
Peak illuminance: 3409.4 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

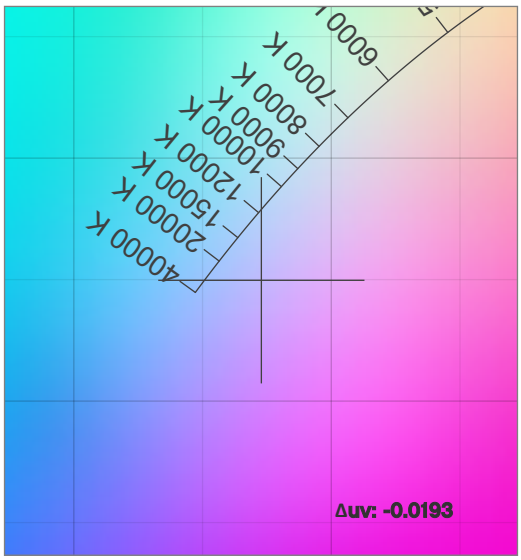
Ilumipanel ML2: Standard Optics-w/Medium Filter - Full Power

Chromaticity

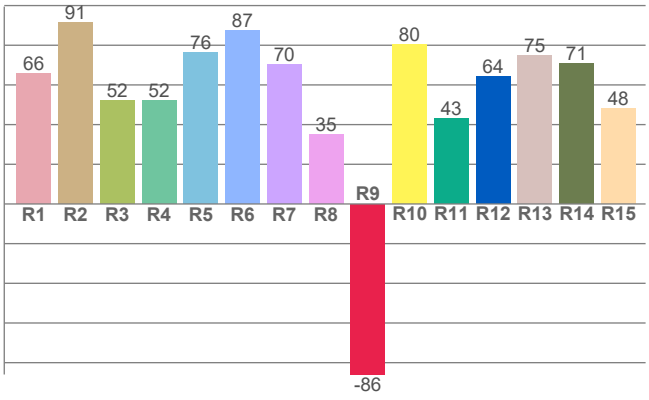
CIE 1931



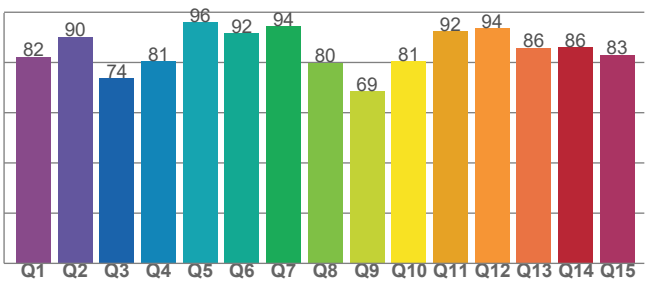
CIE 1931 - Zoom



CRI: 66.3 (R1-R8)



CQS: 83.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
16640 K	0.273	0.250

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0193	0.250	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.3	-86.0	83.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
72	72.7	118.5

Photometric & Chromaticity Report

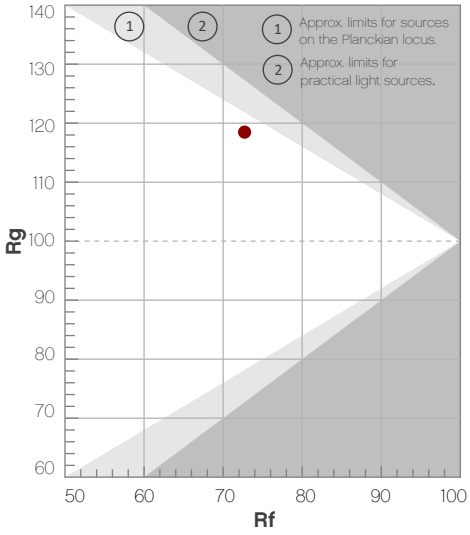
Ilumipanel ML2: Standard Optics-w/Medium Filter - Full Power

TM-30 Details

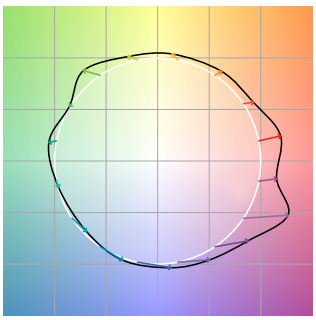
Rf 72.7
Fidelity Index (Rg)

Rg 118.5
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	62	22%	1%
2	80	9%	-4%
3	83	7%	-3%
4	79	5%	7%
5	78	5%	8%
6	75	13%	11%
7	73	1%	3%
8	83	7%	3%
9	86	-1%	6%
10	78	-5%	18%
11	51	-1%	25%
12	63	-1%	33%
13	55	4%	31%
14	54	13%	30%
15	55	34%	26%
16	67	17%	6%

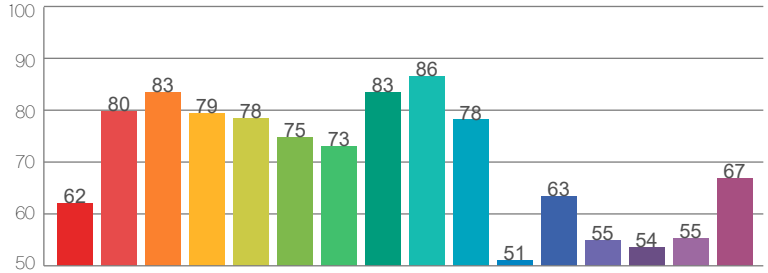


Color Vector Graphic

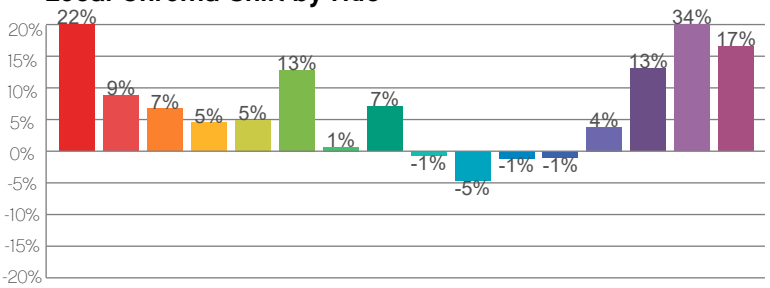


Color Distortion Graphic

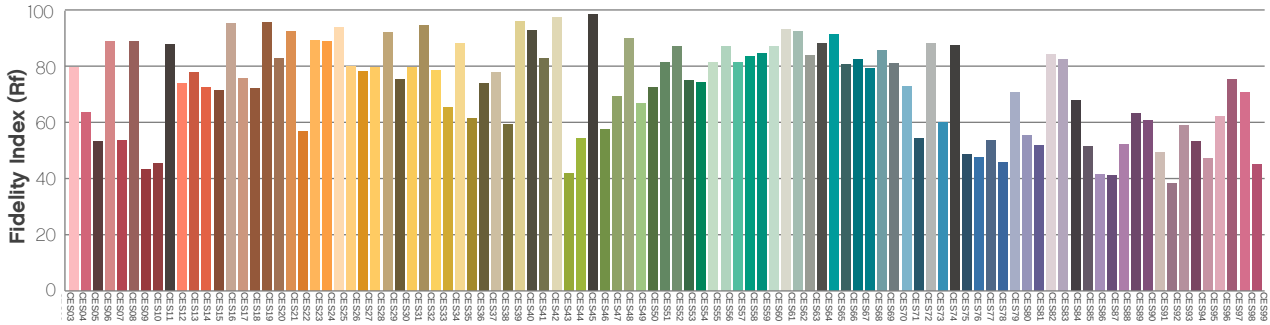
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



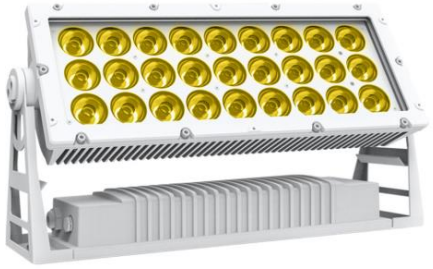
Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Wide Filter - Full Power

Report Summary

Measurements

Fixture Output: 7890 lm
Fixture Peak: 11683 cd
Fixture Efficacy: 25 lm/W
Intensity @ 5m: 467 lux
Color Temperature: 16477 K
CRI: 64.2 CRI R9 Value: -95.3
CQS: 83.0
TLCI: 71
TM-30 Rf: 71.9
TM-30 Rg: 119.9
Beam Angle (50%): 32°
Field Angle (10%): 70.6°
Cutoff Angle (3%): 164.7°



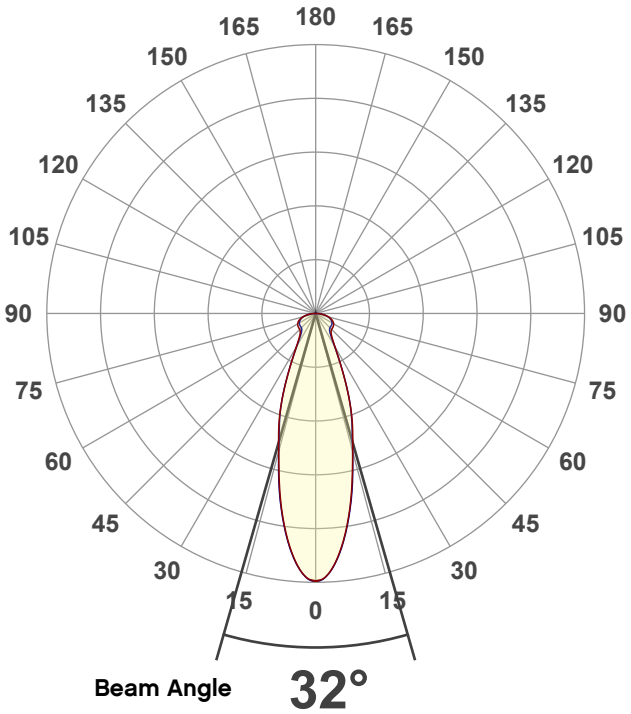
Conditions

AC Supply: 113 V, 60 Hz
Power: 323.4 W
Current: 2.87 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

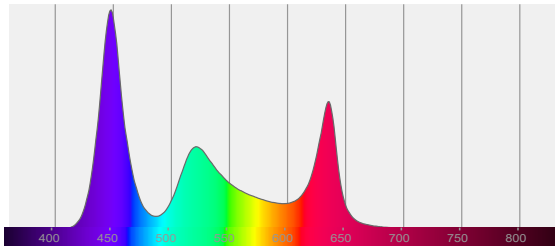
Overall Measurement

Angular Beam Distribution



Beam Angle 32°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.274
Y: 0.249

Light Quality

CRI: 64.2

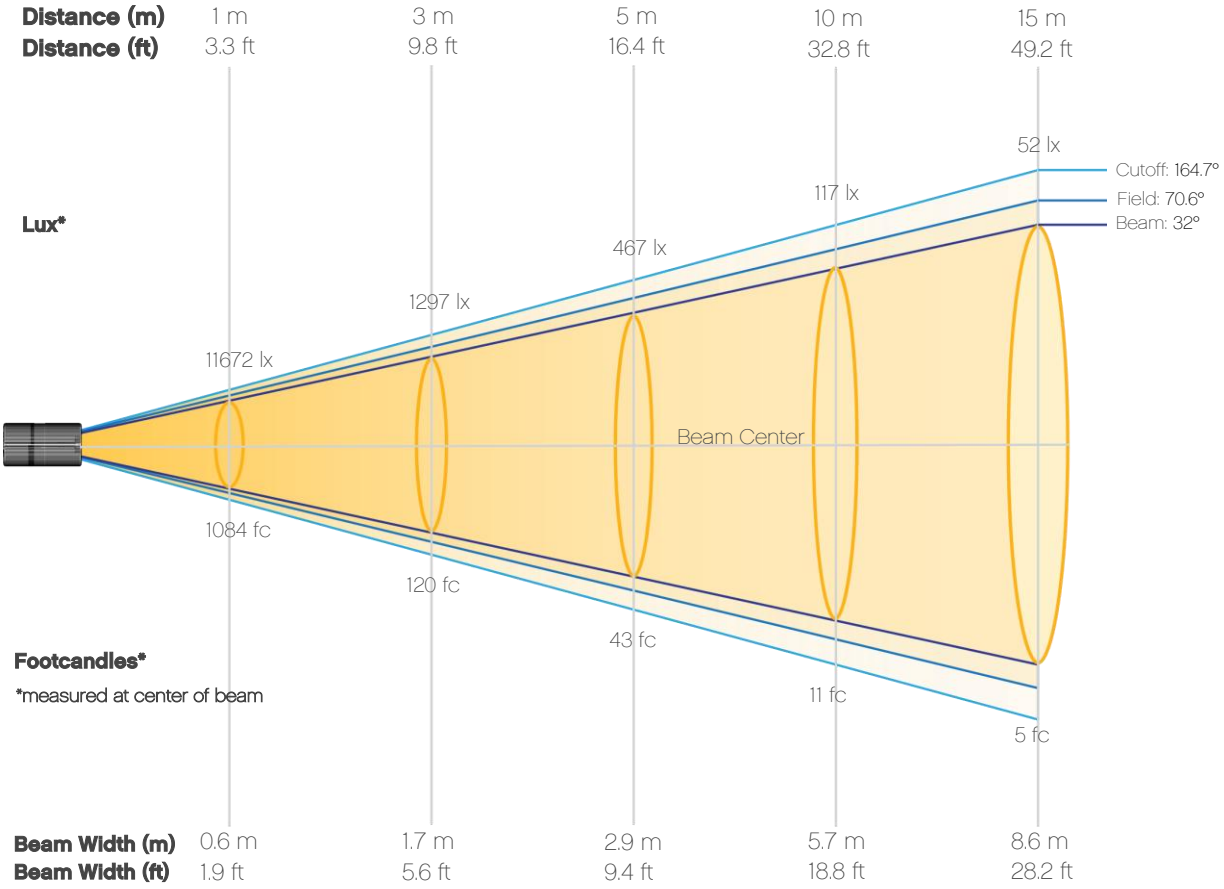
Color Temperature

16477 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Wide Filter - Full Power

Beam Details



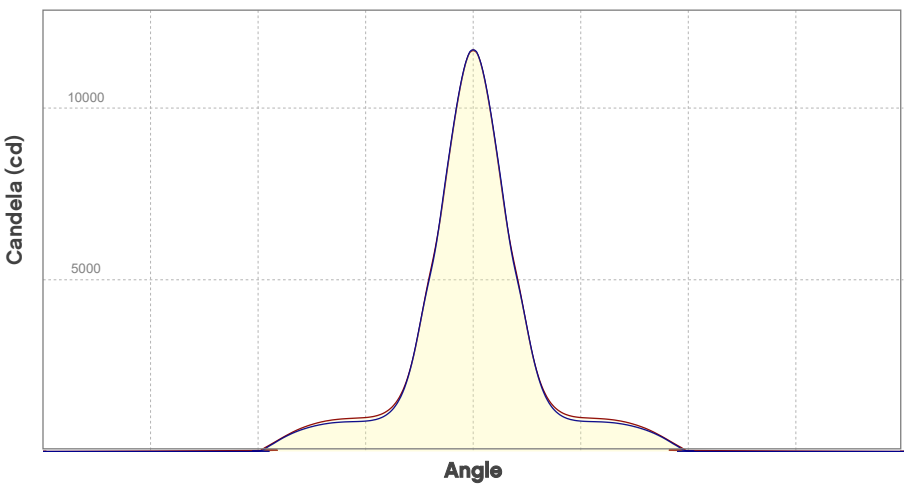
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	11672	2918	1297	729	467	324	238	182	144	117
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	96	81	69	60	52	46	40	36	32	29
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1084	271	120	68	43	30	22	17	13	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	6	6	5	4	4	3	3	3

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Wide Filter - Full Power

Candela Plot

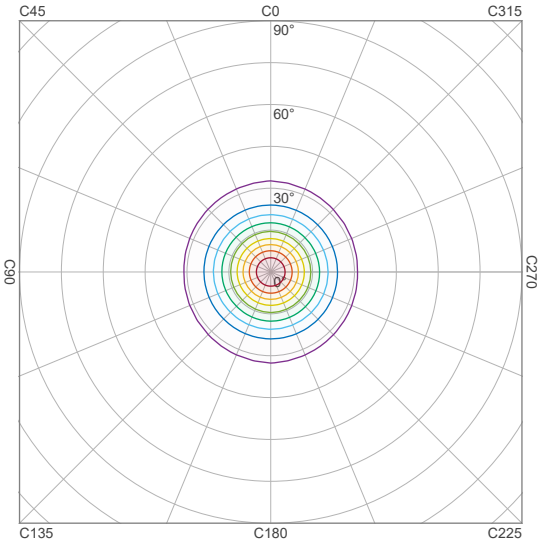


Beam Angle (50%): 32°
Field Angle (10%): 70.6°
Cutoff Angle (3%): 164.7°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

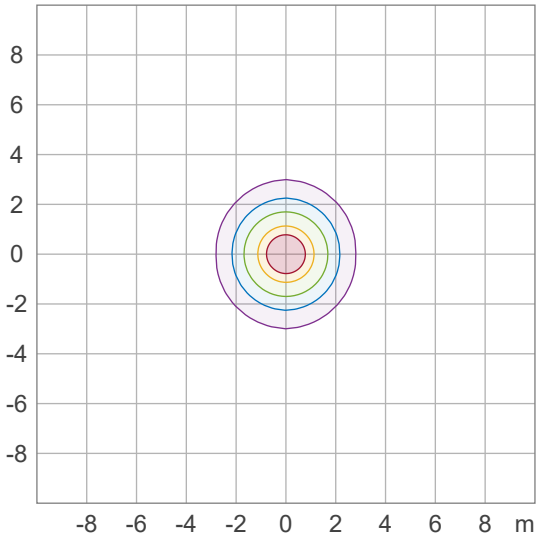
ISO Candela Diagram



90 %	10504.7 cd
80 %	9337.5 cd
70 %	8170.3 cd
60 %	7003.1 cd
50 %	5835.9 cd
40 %	4668.7 cd
30 %	3501.6 cd
20 %	2334.4 cd
10 %	1167.2 cd

Peak intensity: 11671.9 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	648.4 lx
30.0 %	389.1 lx
10.0 %	129.7 lx
5.0 %	64.8 lx
3.0 %	38.9 lx

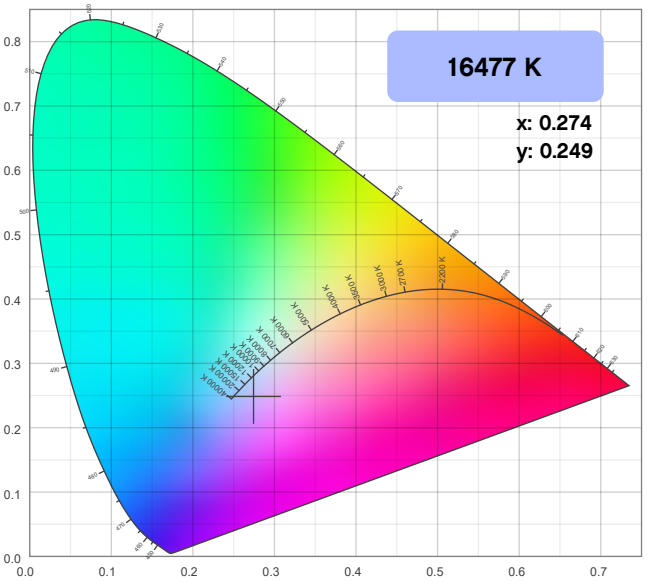
Peak illuminance: 1296.9 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

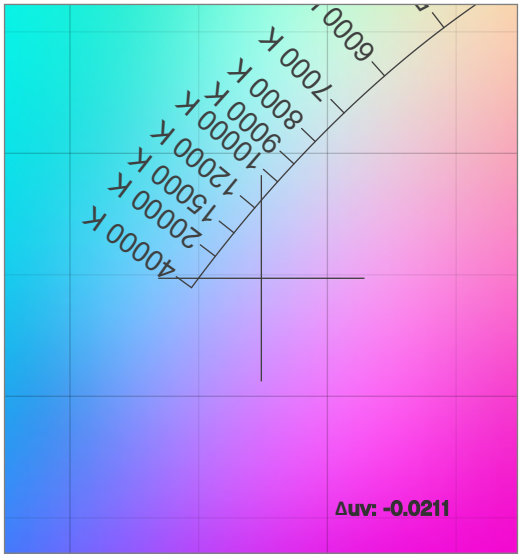
Ilumipanel ML2: Standard Optics-w/Wide Filter - Full Power

Chromaticity

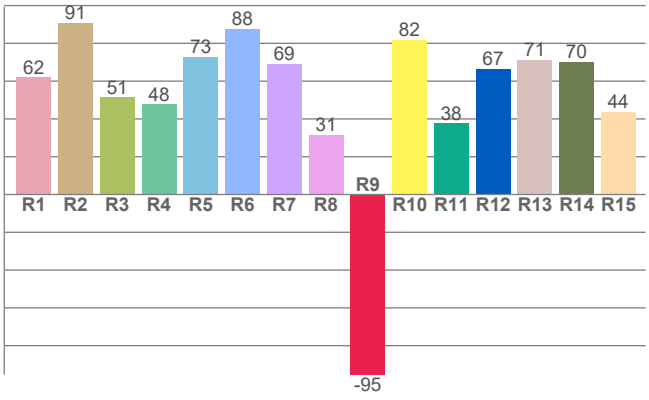
CIE 1931



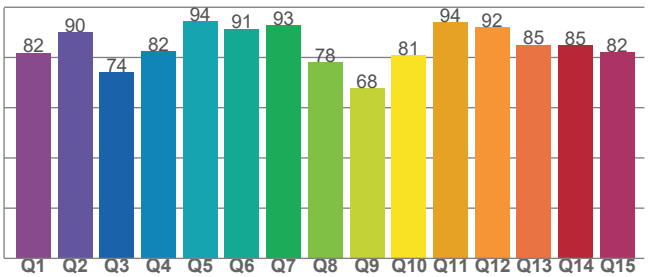
CIE 1931 - Zoom



CRI: 64.2 (R1-R8)



CQS: 83.0



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
16477 K	0.274	0.249

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0211	0.249	0.202

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
64.2	-95.3	83.0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	71.9	119.9

Photometric & Chromaticity Report

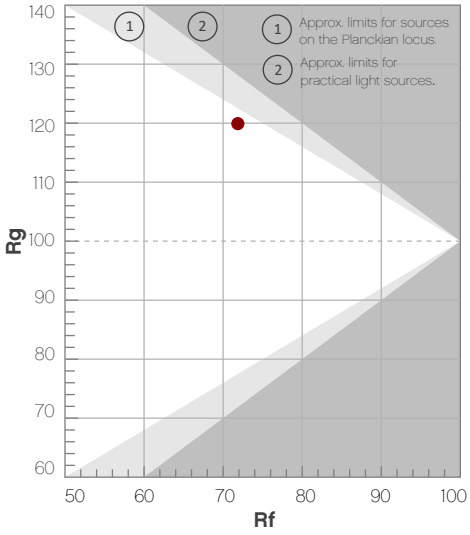
Ilumipanel ML2: Standard Optics-w/Wide Filter - Full Power

TM-30 Details

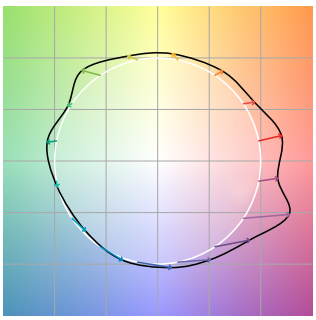
Rf 71.9
Fidelity Index (Rg)

Rg 119.9
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	60	23%	1%
2	78	10%	-5%
3	83	7%	-4%
4	79	5%	6%
5	78	5%	8%
6	73	14%	12%
7	71	2%	4%
8	82	9%	3%
9	87	0%	5%
10	79	-4%	17%
11	52	-1%	25%
12	63	-1%	33%
13	54	4%	31%
14	51	13%	31%
15	54	35%	28%
16	65	18%	6%

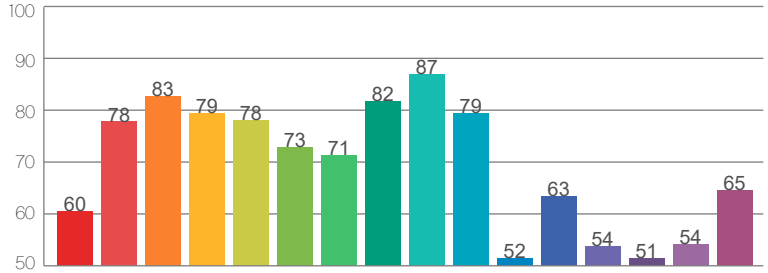


Color Vector Graphic

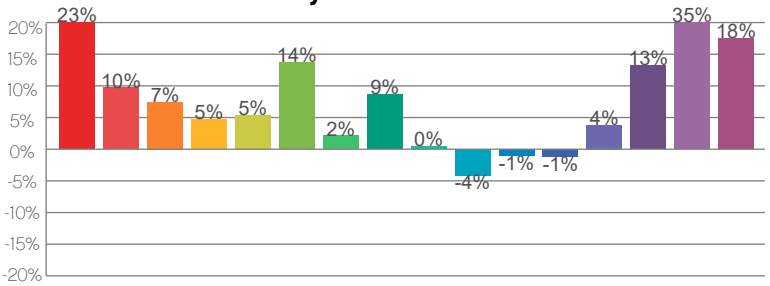


Color Distortion Graphic

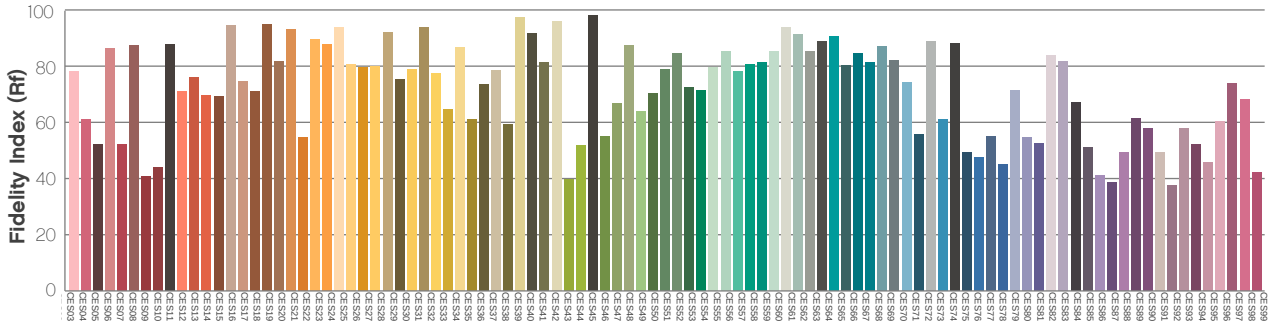
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Very Wide Filter - Full Power

Report Summary

Measurements

Fixture Output: 7443 lm
Fixture Peak: 12121 cd
Fixture Efficacy: 23 lm/W
Intensity @ 5m: 484 lux
Color Temperature: 16867 K
CRI: 65.3 CRI R9 Value: -92.8
CQS: 83.2
TLCI: 71
TM-30 Rf: 72.3
TM-30 Rg: 119.1
Beam Angle (50%): 36.6°
Field Angle (10%): 73°
Cutoff Angle (3%): 148.2°

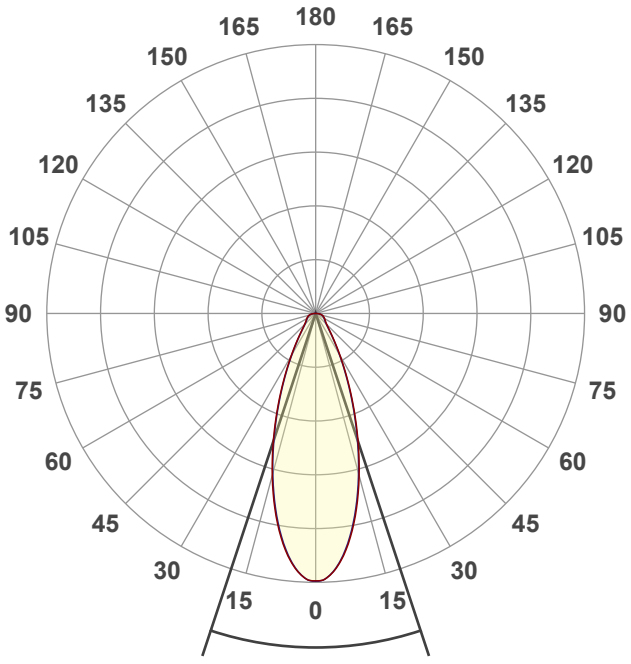
Conditions

AC Supply: 114 V, 60 Hz
Power: 321.7 W
Current: 2.83 A
Power Factor: 0.99

This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

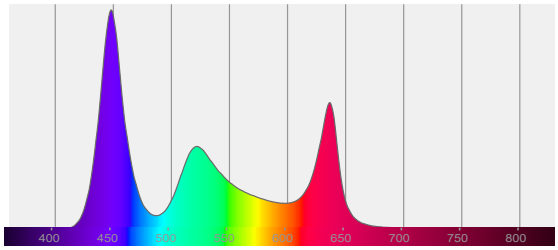
Overall Measurement

Angular Beam Distribution



Beam Angle 36.6°

Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.273
Y: 0.249

Light Quality

CRI: 65.3

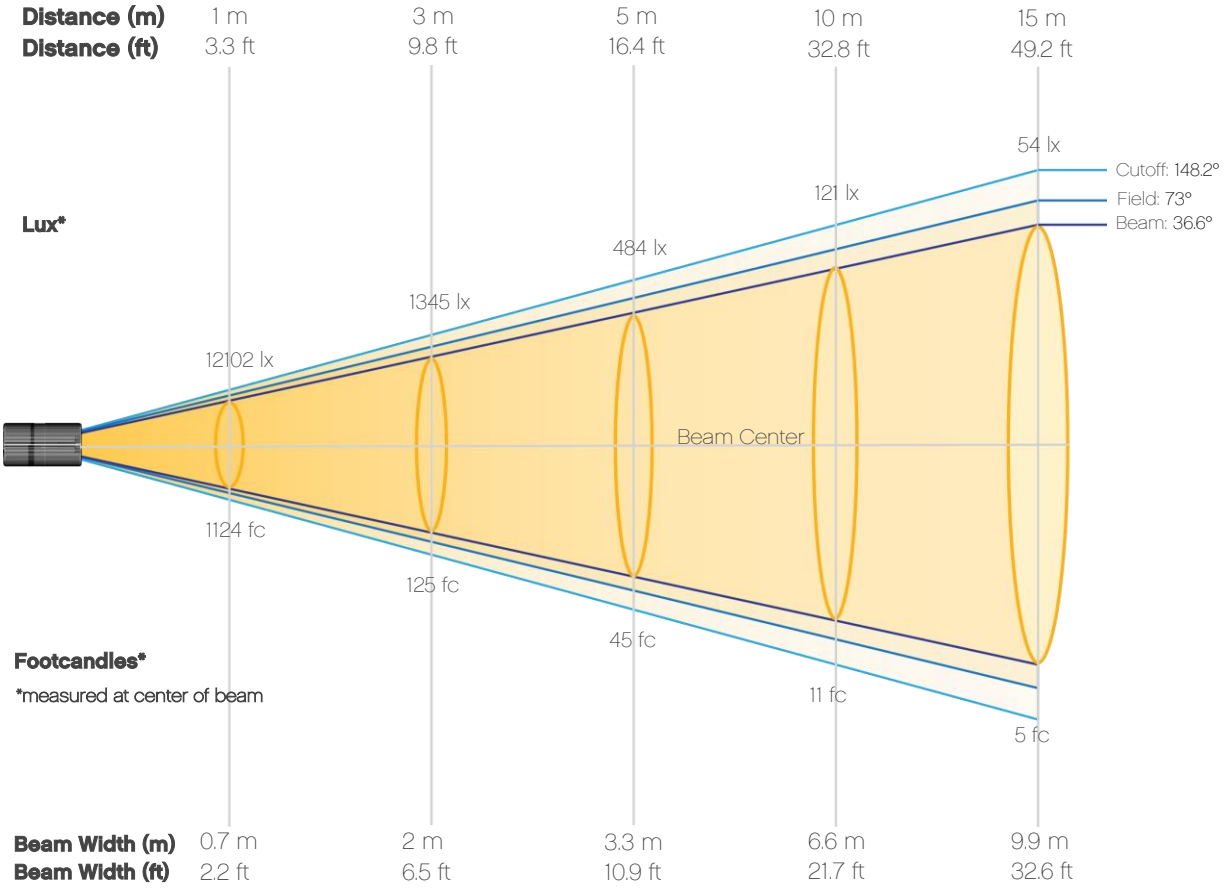
Color Temperature

16867 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Very Wide Filter - Full Power

Beam Details

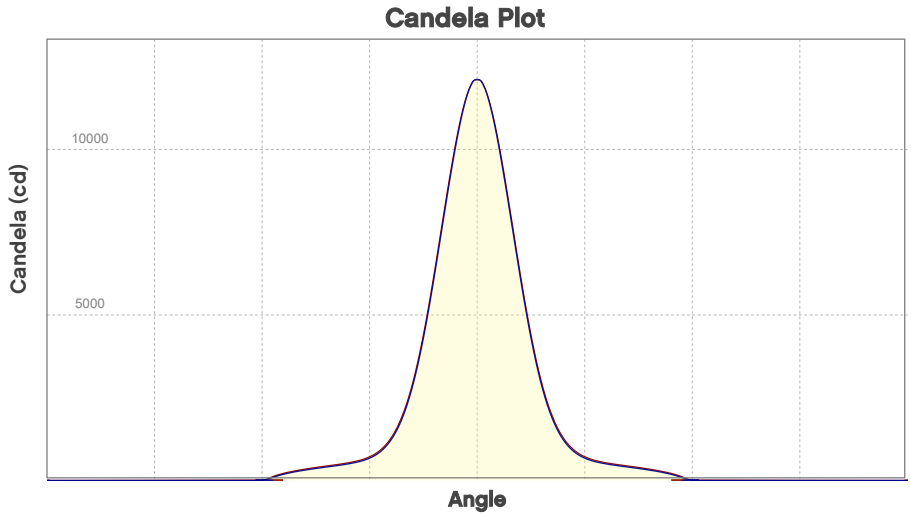


Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	12102	3025	1345	756	484	336	247	189	149	121
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	100	84	72	62	54	47	42	37	34	30
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1124	281	125	70	45	31	23	18	14	11
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	9	8	7	6	5	4	4	3	3	3

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Very Wide Filter - Full Power

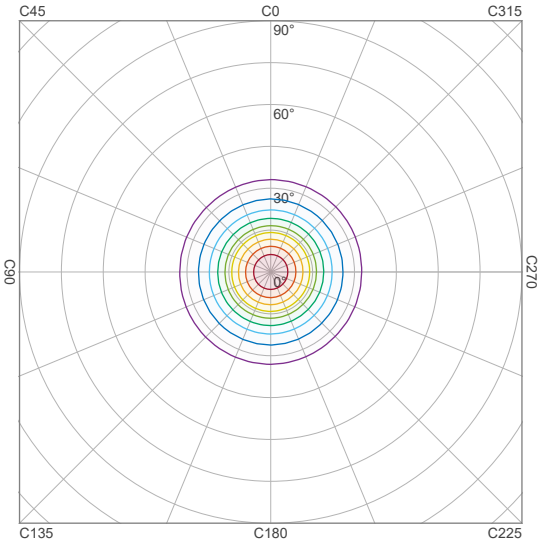


Beam Angle (50%): 36.6°
Field Angle (10%): 73°
Cutoff Angle (3%): 148.2°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

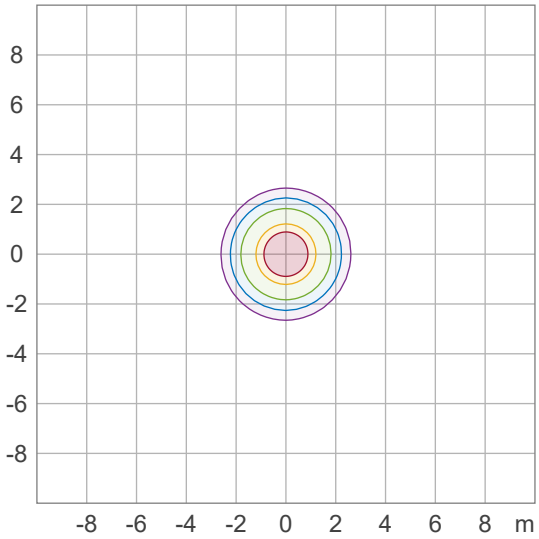
ISO Candela Diagram



90 %	10896.1 cd
80 %	9685.4 cd
70 %	8474.8 cd
60 %	7264.1 cd
50 %	6053.4 cd
40 %	4842.7 cd
30 %	3632.0 cd
20 %	2421.4 cd
10 %	1210.7 cd

Peak intensity: 12106.8 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	672.3 lx
30.0 %	403.4 lx
10.0 %	134.5 lx
5.0 %	67.2 lx
3.0 %	40.3 lx

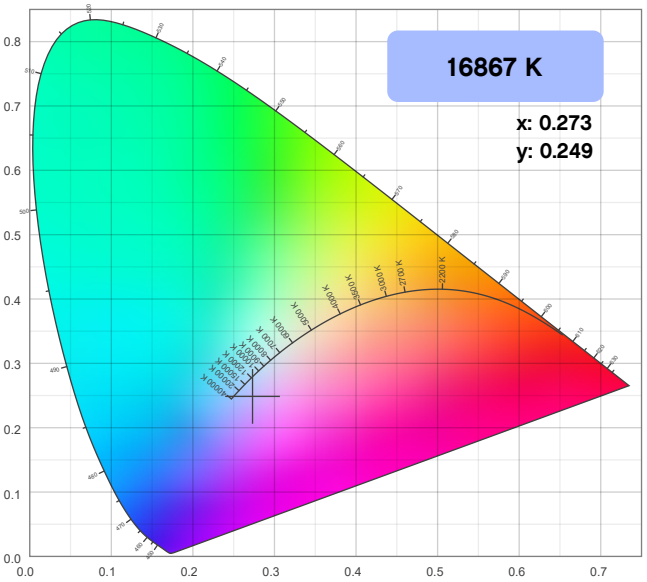
Peak illuminance: 1344.6 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

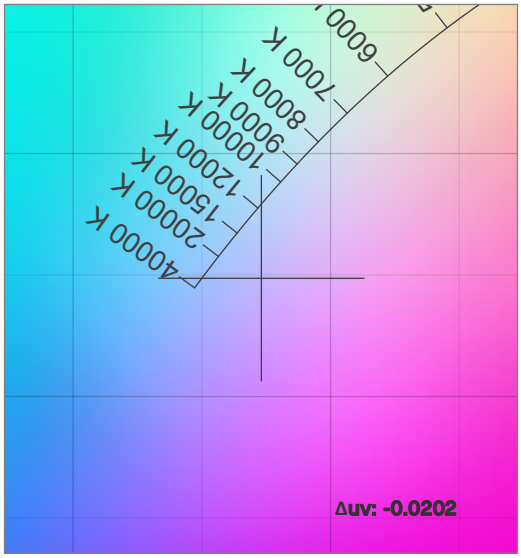
Ilumipanel ML2: Standard Optics-w/Very Wide Filter - Full Power

Chromaticity

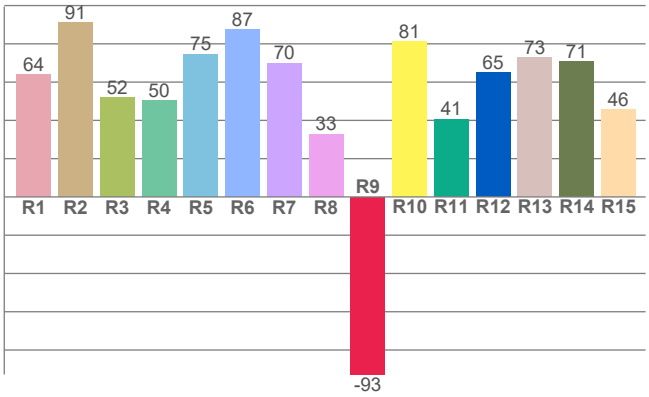
CIE 1931



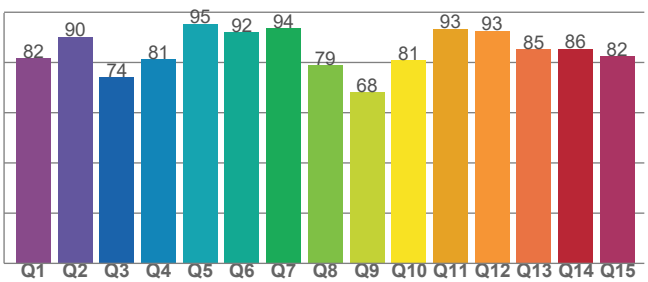
CIE 1931 - Zoom



CRI: 65.3 (R1-R8)



CQS: 83.2



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
16867 K	0.273	0.249

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0202	0.249	0.201

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
65.3	-92.8	83.2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
71	72.3	119.1

Photometric & Chromaticity Report

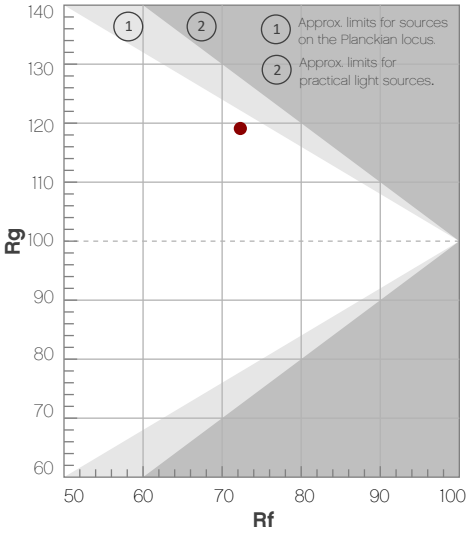
Ilumipanel ML2: Standard Optics-w/Very Wide Filter - Full Power

TM-30 Details

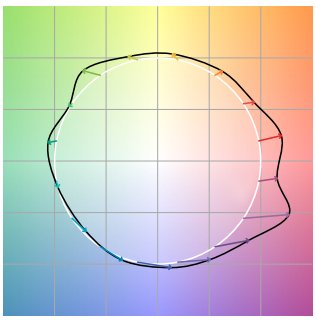
Rf 72.3
Fidelity Index (Rg)

Rg 119.1
Gammut Index
(Rg)

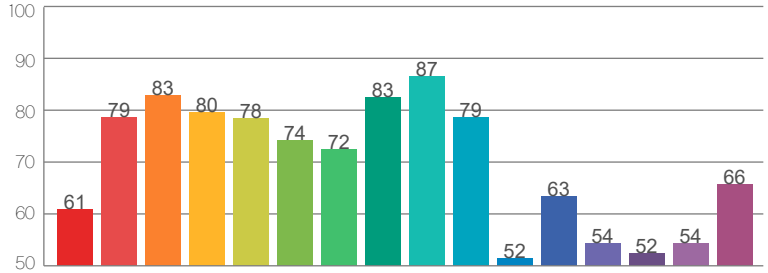
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	61	22%	1%
2	79	9%	-5%
3	83	7%	-4%
4	80	5%	6%
5	78	5%	8%
6	74	13%	12%
7	72	1%	4%
8	83	8%	3%
9	87	0%	6%
10	79	-4%	18%
11	52	-1%	25%
12	63	-1%	33%
13	54	4%	31%
14	52	13%	31%
15	54	35%	27%
16	66	17%	6%



Color Vector Graphic

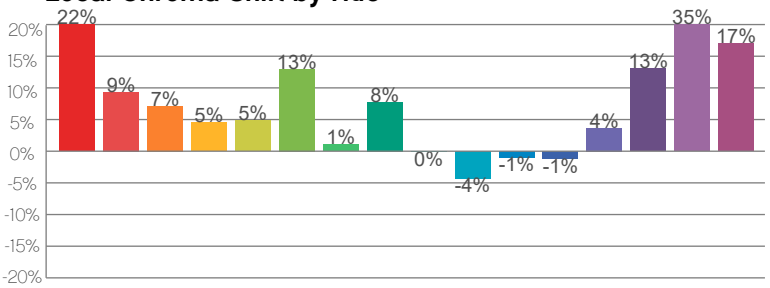


Rf by Hue

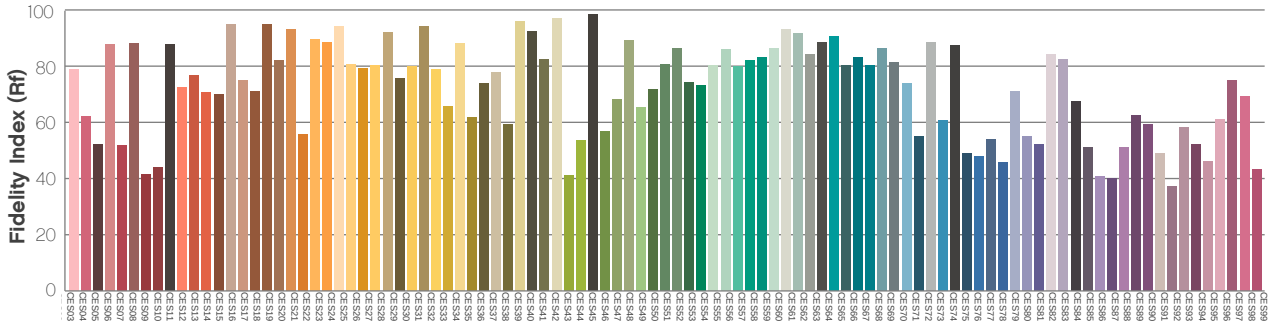


Color Distortion Graphic

Local Chroma Shift by Hue



Color Evaluation Sample



Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Asymmetrical Filter - Full Power

Report Summary

Measurements

Fixture Output: 8835 lm
Fixture Peak: 25337 cd
Fixture Efficacy: 28 lm/W
Intensity @ 5m: 917 lux
Color Temperature: 16059 K
CRI: 66.3 CRI R9 Value: -86.4
CQS: 83.4
TLCI: 72
TM-30 Rf: 72.8
TM-30 Rg: 118.5
Beam Angle (50%): 44.6° x 19.7°
Field Angle (10%): 88.1° x 34.5°
Cutoff Angle (3%): 167.7° x 59°

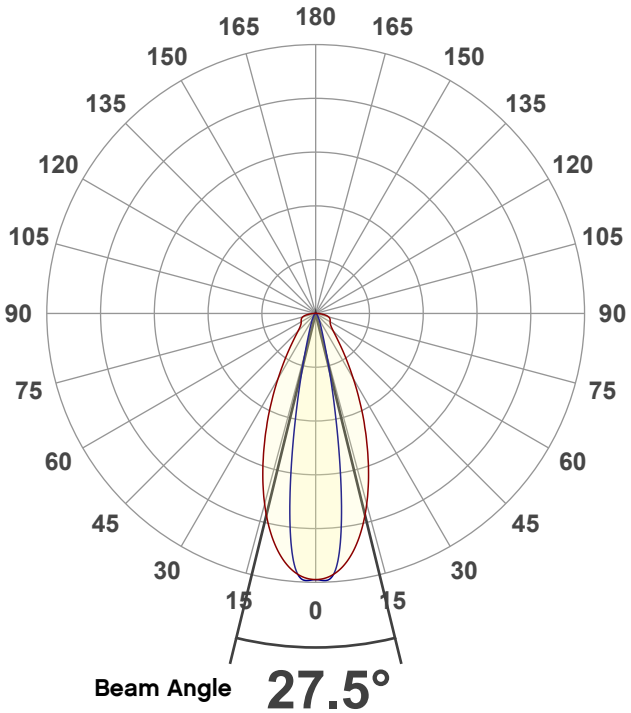
Conditions

AC Supply: 113 V, 60 Hz
Power: 320.41 W
Current: 2.83 A
Power Factor: 0.99

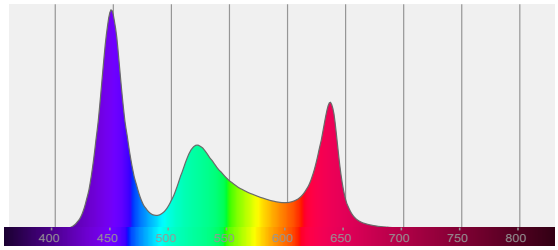
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Davie, FL on 4/7/2025 to LM-63-2002 Standards.

Overall Measurement

Angular Beam Distribution



Spectral Distribution



Tested Color (CIE 1931)**:**
X: 0.274
Y: 0.251

Light Quality

CRI: 66.3

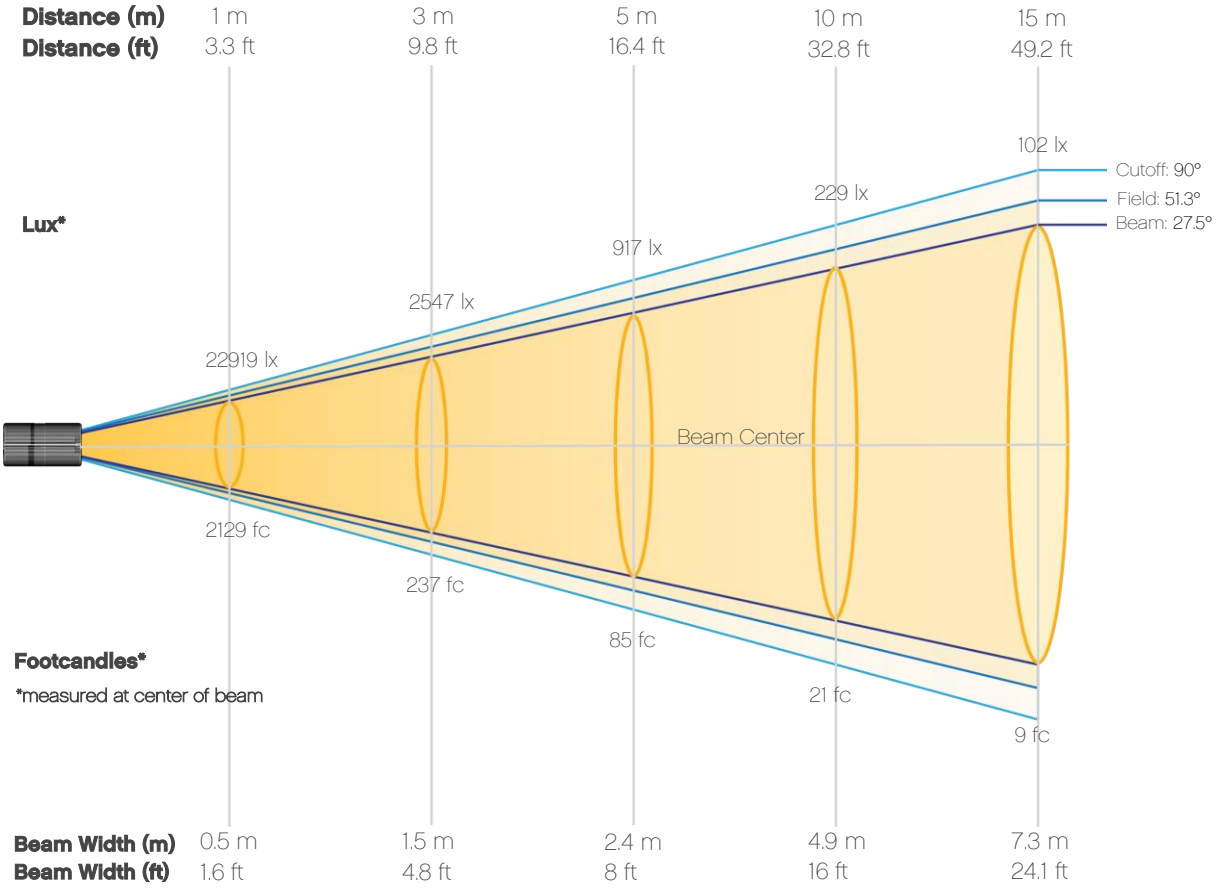
Color Temperature

16059 K

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Asymmetrical Filter - Full Power

Beam Details



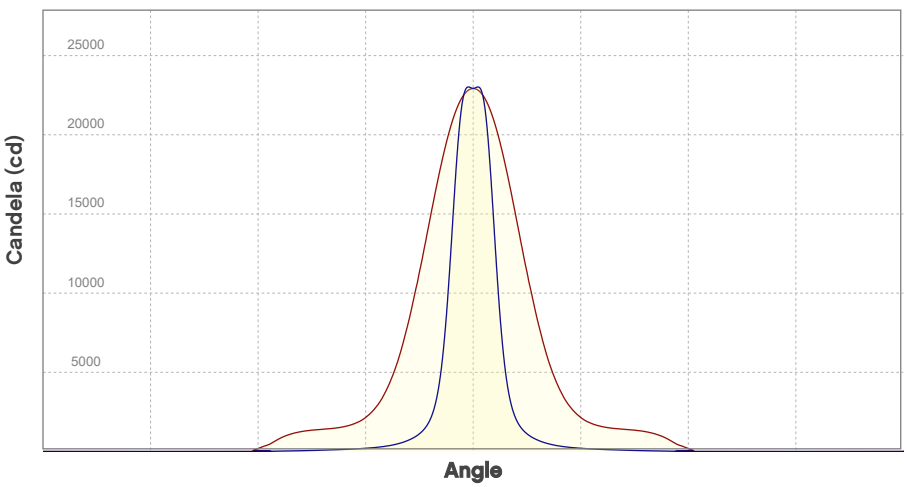
Beam Intensities from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	22919	5730	2547	1432	917	637	468	358	283	229
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	189	159	136	117	102	90	79	71	63	57
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2129	532	237	133	85	59	43	33	26	21
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	18	15	13	11	9	8	7	7	6	5

Photometric & Chromaticity Report

Ilumipanel ML2: Standard Optics-w/Asymmetrical Filter - Full Power

Candela Plot

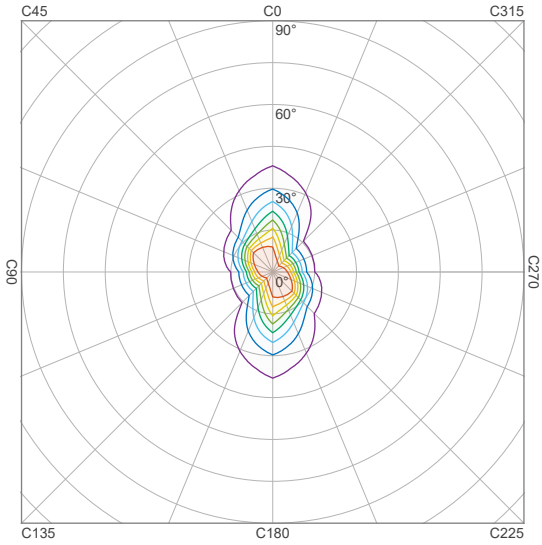


Beam Angle (50%): 27.5°
Field Angle (10%): 51.3°
Cutoff Angle (3%): 90°

Vertical Distribution
Horizontal Distribution

ISO Diagrams

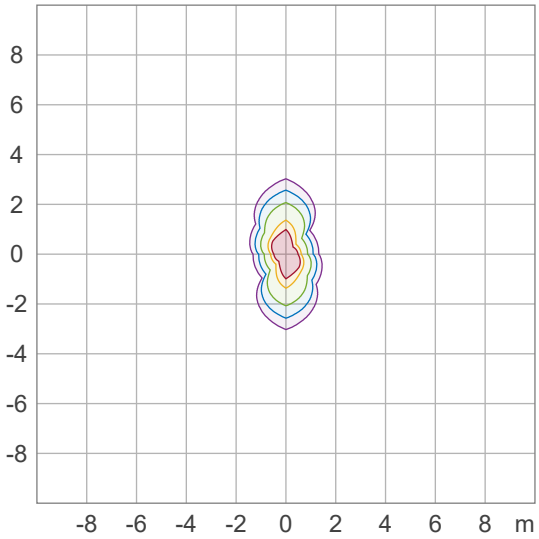
ISO Candela Diagram



90 %	22800.2 cd
80 %	20266.9 cd
70 %	17733.5 cd
60 %	15200.2 cd
50 %	12666.8 cd
40 %	10133.4 cd
30 %	7600.1 cd
20 %	5066.7 cd
10 %	2533.4 cd

Peak intensity: 25333.6 cd
Number of c-planes: 8

ISO Lux Diagram



50.0 %	1384.4 lx
30.0 %	830.7 lx
10.0 %	276.9 lx
5.0 %	138.4 lx
3.0 %	83.1 lx

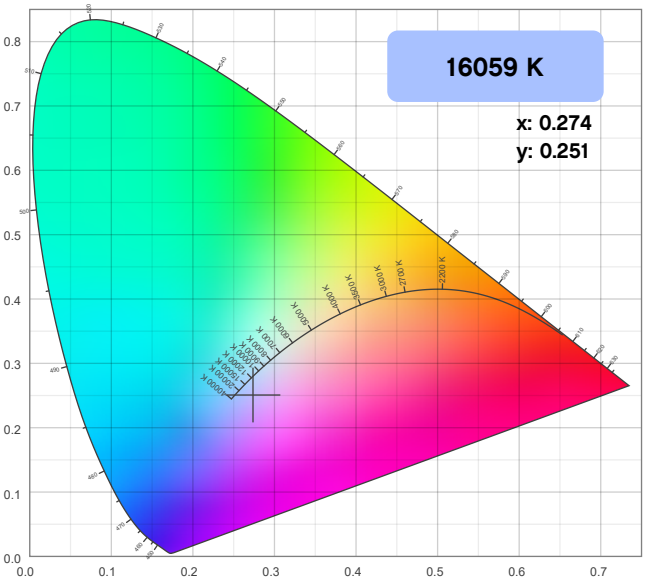
Peak illuminance: 2768.8 lx
Mounting height: 3.0 m
Number of c-planes: 8

Photometric & Chromaticity Report

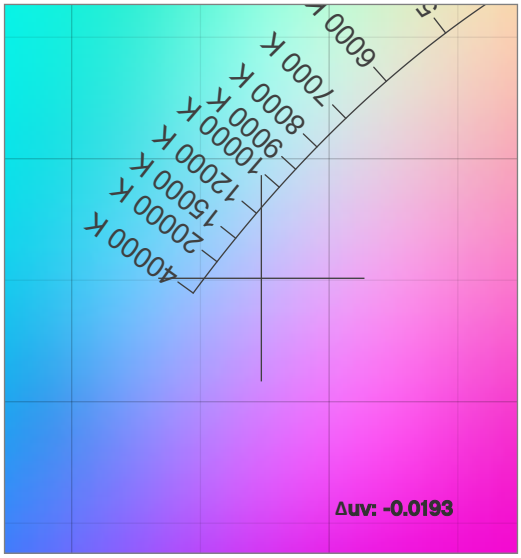
Ilumipanel ML2: Standard Optics-w/Asymmetrical Filter - Full Power

Chromaticity

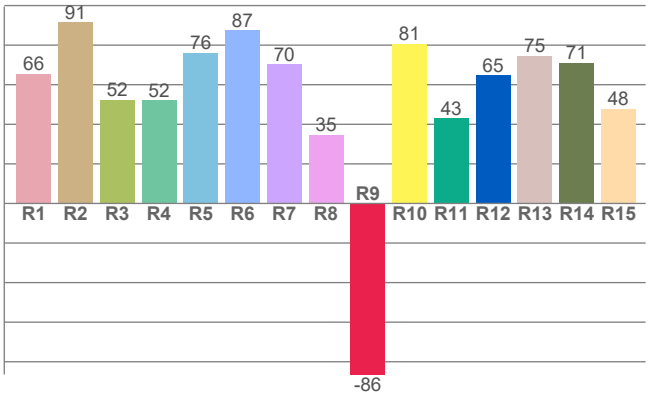
CIE 1931



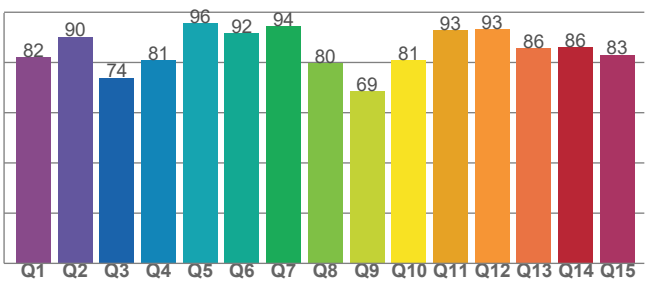
CIE 1931 - Zoom



CRI: 66.3 (R1-R8)



CQS: 83.4



Color Parameters

Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
16059 K	0.274	0.251

Color Deviation from Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	y	u
-0.0193	0.251	0.200

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
66.3	-86.4	83.4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 Rg
72	72.8	118.5

Photometric & Chromaticity Report

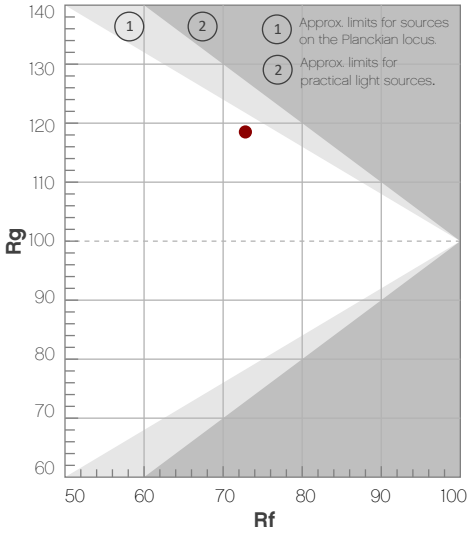
Ilumipanel ML2: Standard Optics-w/Asymmetrical Filter - Full Power

TM-30 Details

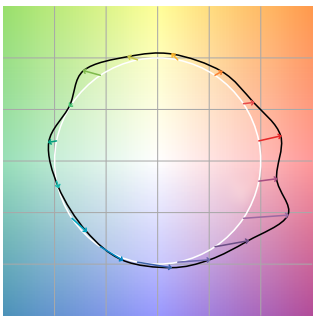
Rf 72.8
Fidelity Index (Rg)

Rg 118.5
Gammut Index
(Rg)

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	62	22%	1%
2	80	9%	-4%
3	84	7%	-3%
4	80	4%	6%
5	79	5%	8%
6	75	13%	11%
7	73	1%	3%
8	83	7%	3%
9	87	-1%	6%
10	78	-5%	18%
11	51	-1%	25%
12	64	-1%	33%
13	55	4%	31%
14	54	13%	30%
15	55	34%	26%
16	67	17%	6%

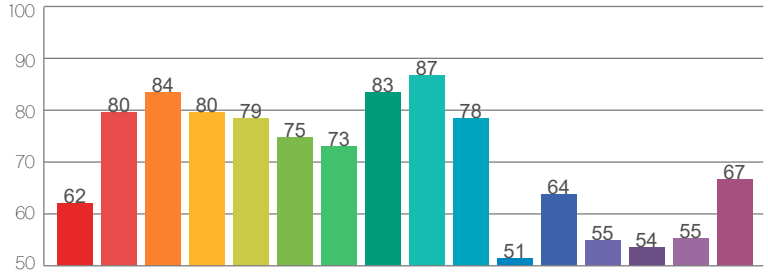


Color Vector Graphic

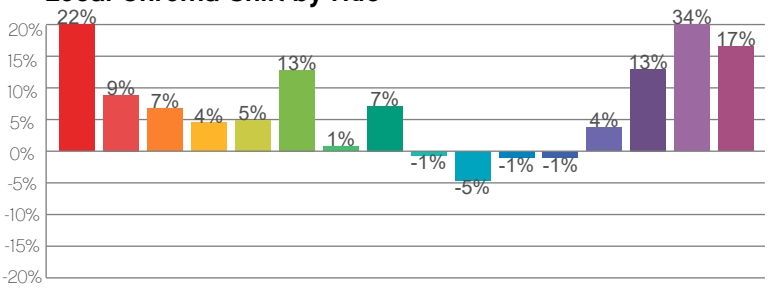


Color Distortion Graphic

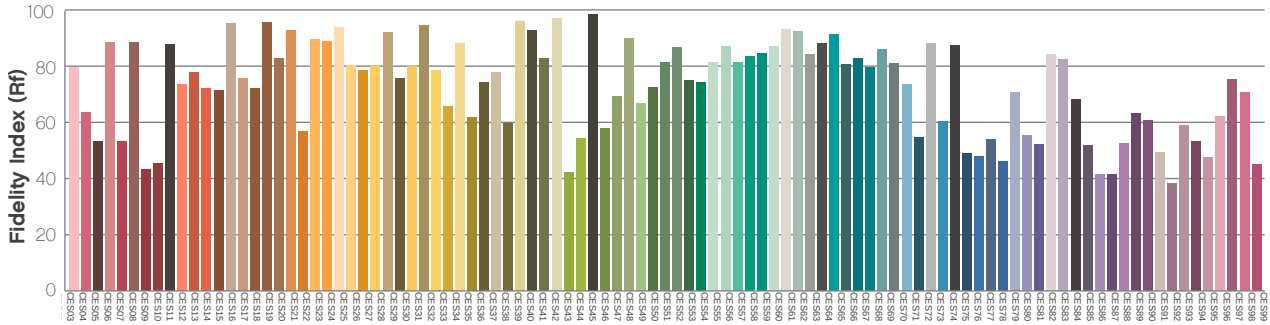
Rf by Hue



Local Chroma Shift by Hue



Color Evaluation Sample



Contact Us

General Information	Technical Support
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of the record.

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