PHOTOMETRICS REPORT

COLOR STRIKE M

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 Sunrise, 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.

Photometric Report

COLOR Strike M: Full Power Strobe - Red Plate Only

Report Summary

Output

Total Lumens: 5838 lm
Peak Intensity: 1845 cd
Illuminance @ 5m: 74 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 122.3°
Vertical Beam Angle (50%): 121.9°
Horizontal Field Angle (10%): 159.9°
Vertical Field Angle (10%): 158.6°
Horizontal Cutoff Angle (3%): 171.8°
Vertical Cutoff Angle (3%): 172°

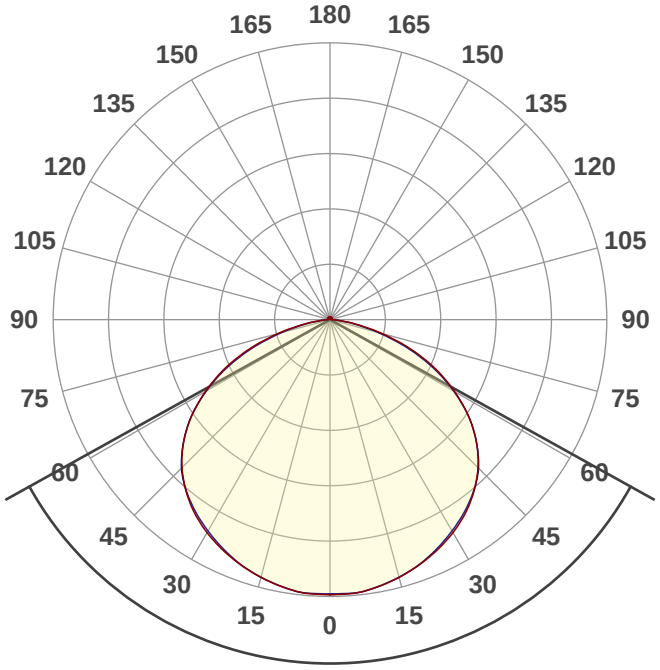
Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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 Sunrise, FL on 8/24/2021 to LM-63-2002 Standards.

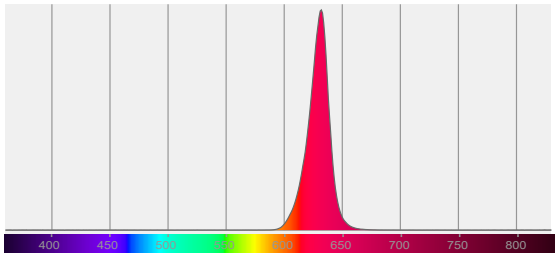
Overall Measurement

Angular Beam Distribution

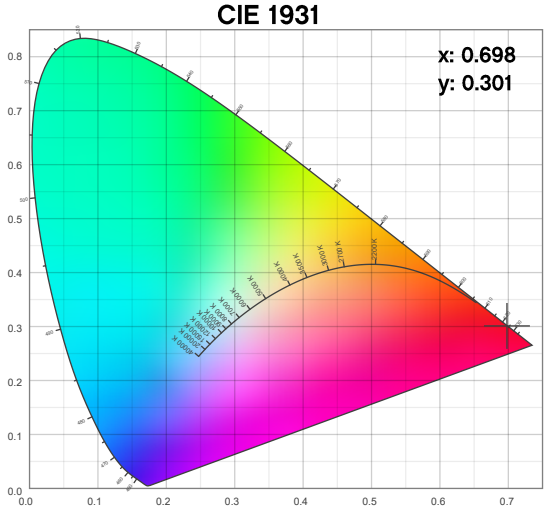


Beam Angle 121.9°

Spectral Distribution



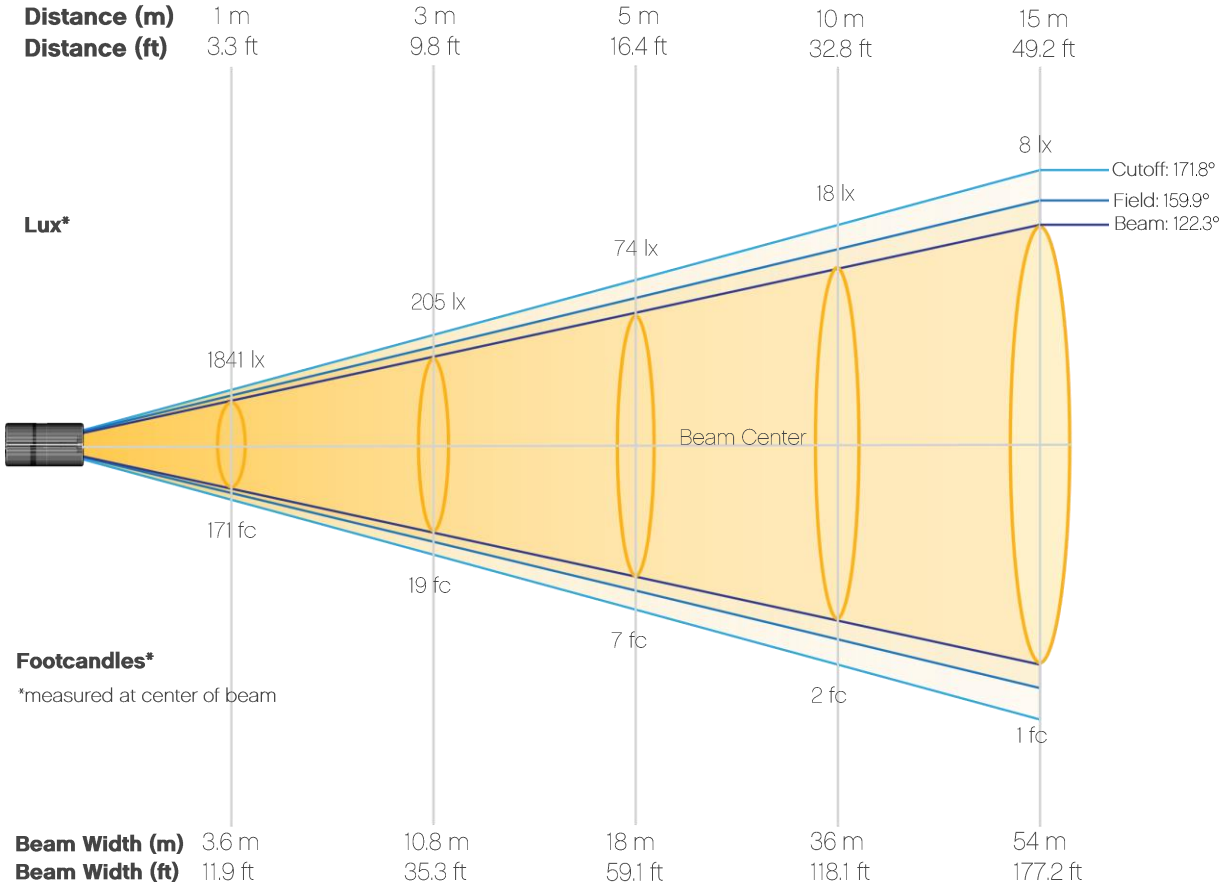
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - Red Plate Only

Beam Details



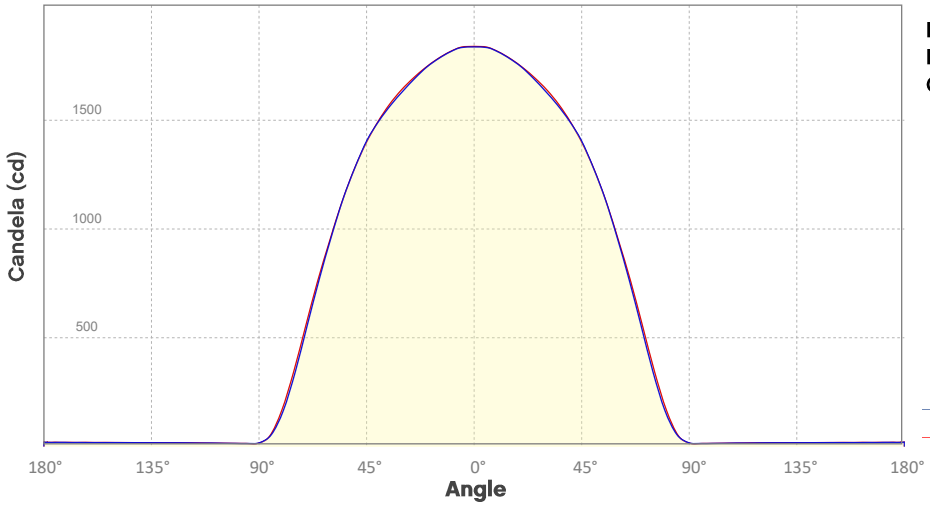
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	1841	460	205	115	74	51	38	29	23	18
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	15	13	11	9	8	7	6	6	5	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	171	43	19	11	7	5	3	3	2	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	1	1	1	1	1	1	0	0

Photometric Report

COLOR Strike M: Full Power Strobe - Red Plate Only

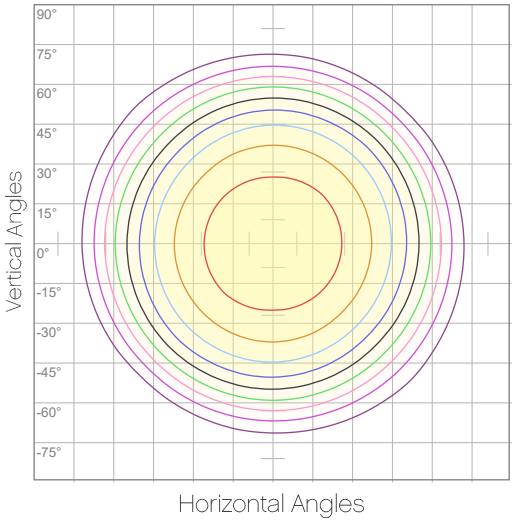
Candela Plot



Beam Angle (50%): 121.9°
Field Angle (10%): 159.5°
Cutoff Angle (3%): 173.2°

Horizontal Distribution
Vertical Distribution

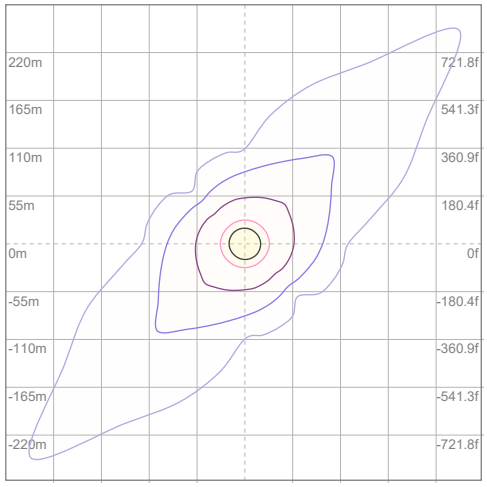
Polar Diagrams



iso-candela Diagram

10%	184 cd
20%	368 cd
30%	552 cd
40%	736 cd
50%	920 cd
60%	1104 cd
70%	1289 cd
80%	1473 cd
90%	1657 cd

Conditions:
Number of c-planes: 8
Candela at center: 1841 cd



iso-illuminance Diagram

3%	0.552 lx
5%	0.920 lx
10%	1.84 lx
30%	5.52 lx
50%	9.20 lx

Conditions:
Number of c-planes: 8
Lux at center: 18.4 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Strobe - Green Plate Only

Report Summary

Output

Total Lumens: 14039 lm
Peak Intensity: 4320 cd
Illuminance @ 5m: 173 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 124.1°
Vertical Beam Angle (50%): 122.3°
Horizontal Field Angle (10%): 160.6°
Vertical Field Angle (10%): 158.5°
Horizontal Cutoff Angle (3%): 173.5°
Vertical Cutoff Angle (3%): 171.6°

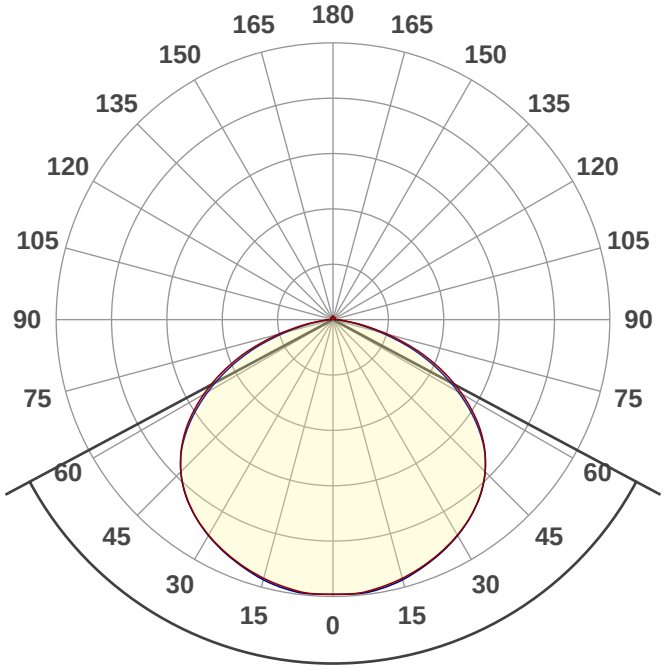
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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 Sunrise, FL on 8/24/2021 to LM-63-2002 Standards.

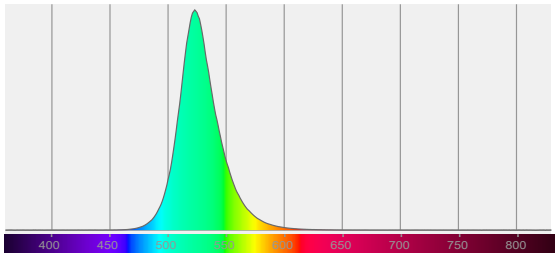
Overall Measurement

Angular Beam Distribution

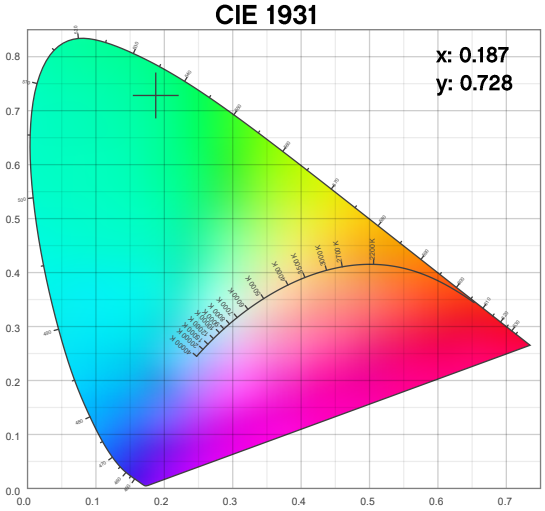


Beam Angle 123.8°

Spectral Distribution



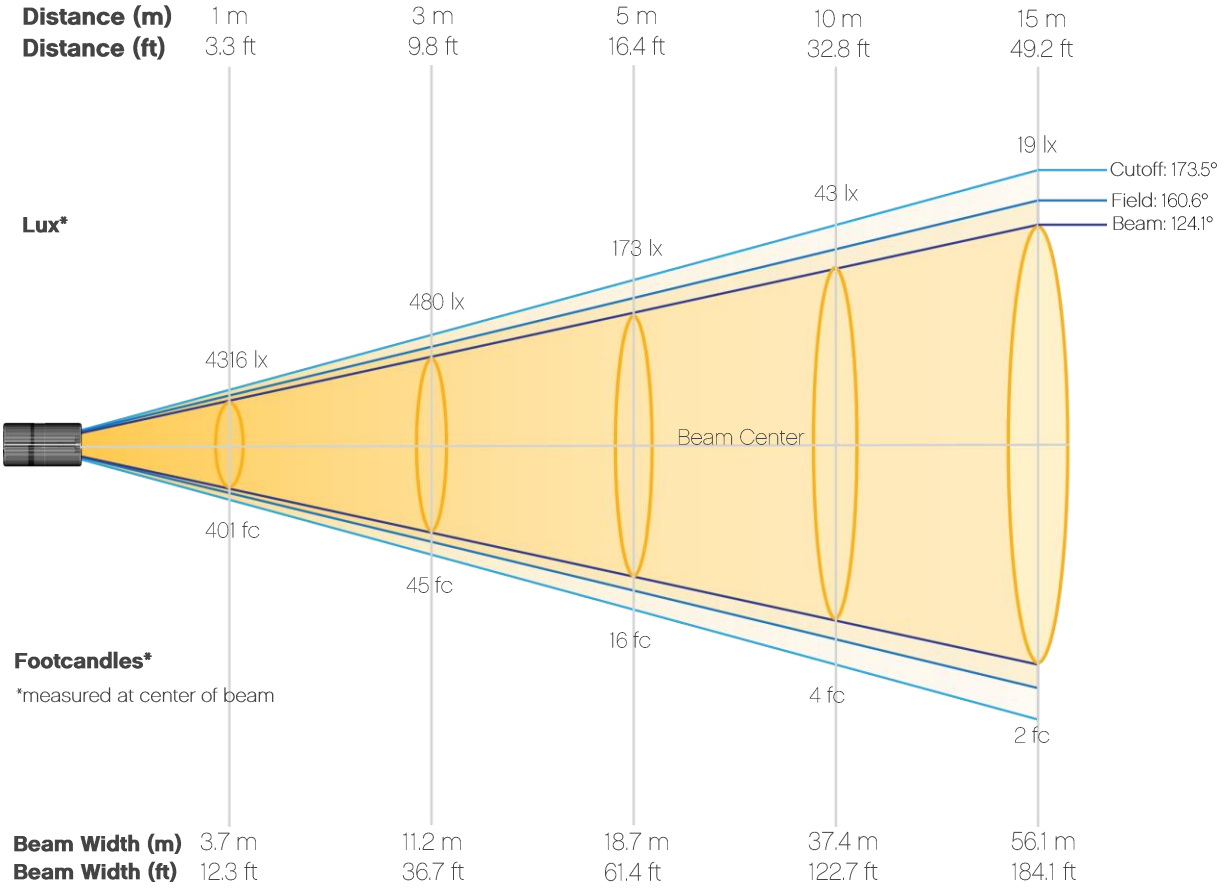
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - Green Plate Only

Beam Details



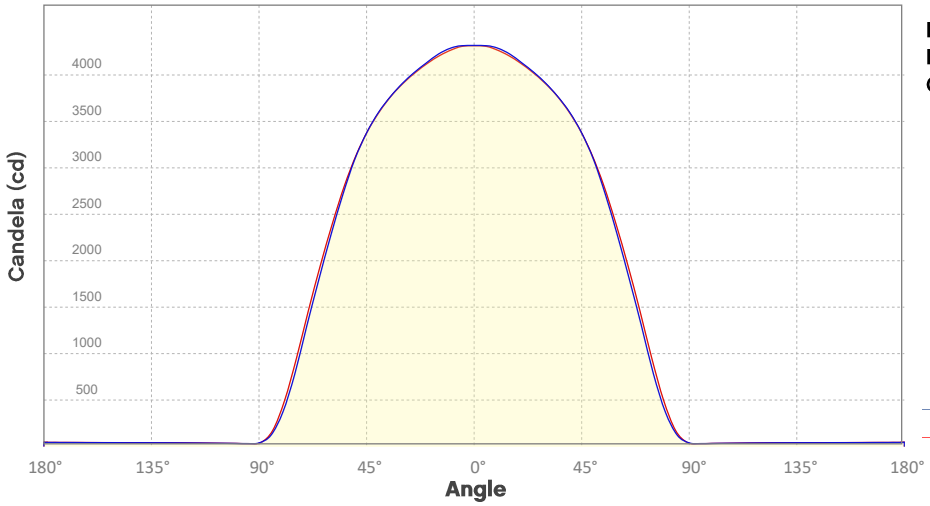
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4316	1079	480	270	173	120	88	67	53	43
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	36	30	26	22	19	17	15	13	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	401	100	45	25	16	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

Photometric Report

COLOR Strike M: Full Power Strobe - Green Plate Only

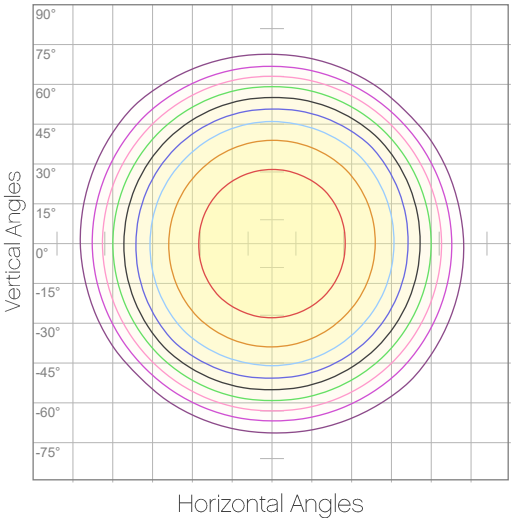
Candela Plot



Beam Angle (50%): 123.8°
Field Angle (10%): 160°
Cutoff Angle (3%): 173.6°

Horizontal Distribution
Vertical Distribution

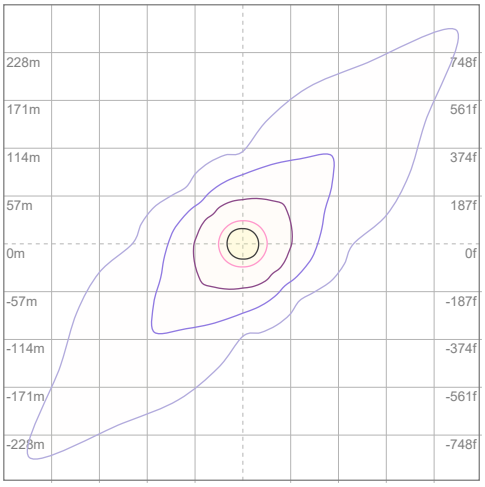
Polar Diagrams



iso-candela Diagram

10%	432 cd
20%	863 cd
30%	1295 cd
40%	1727 cd
50%	2158 cd
60%	2590 cd
70%	3021 cd
80%	3453 cd
90%	3885 cd

Conditions:
Number of c-planes: 8
Candela at center: 4316 cd



iso-illuminance Diagram

3%	1.29 lx
5%	2.16 lx
10%	4.32 lx
30%	12.9 lx
50%	21.6 lx

Conditions:
Number of c-planes: 8
Lux at center: 43.2 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Strobe - Blue Plate Only

Report Summary

Output

Total Lumens: 1123 lm
Peak Intensity: 361 cd
Illuminance @ 5m: 14 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 120.3°
Vertical Beam Angle (50%): 117.9°
Horizontal Field Angle (10%): 159.1°
Vertical Field Angle (10%): 157.3°
Horizontal Cutoff Angle (3%): 173.2°
Vertical Cutoff Angle (3%): 172.2°

Conditions

AC Supply: 121 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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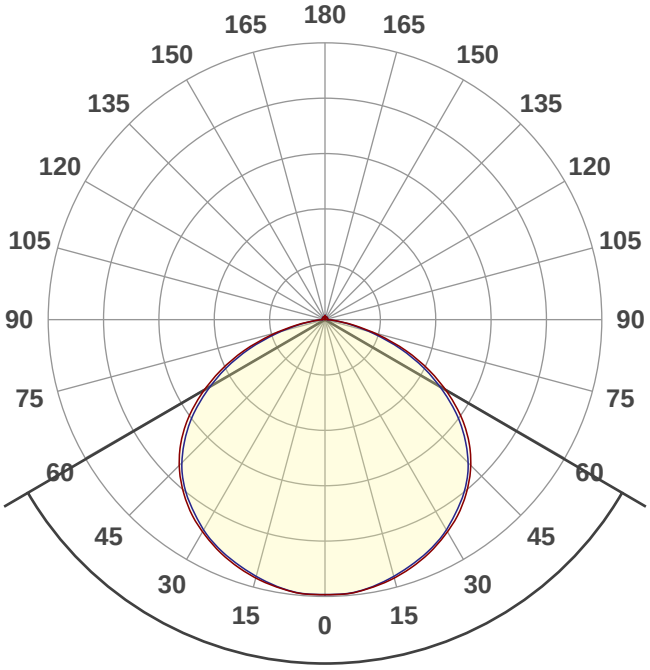
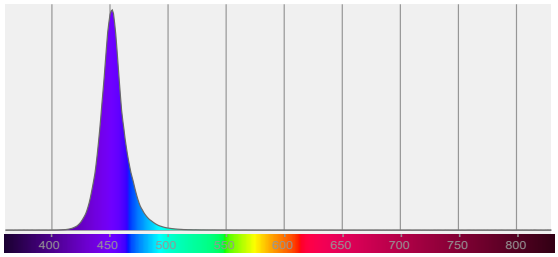
Overall Measurement

Angular Beam Distribution

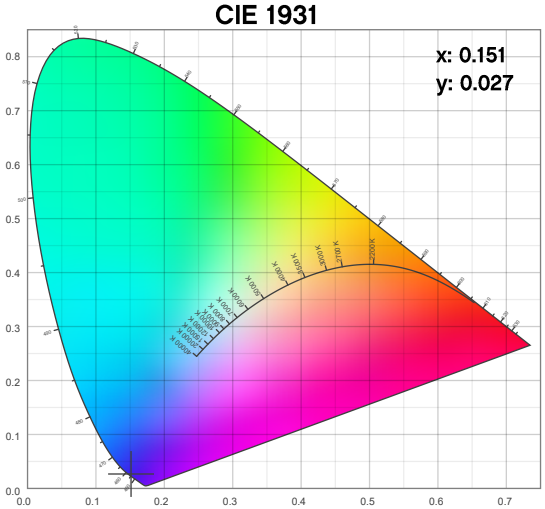


Beam Angle 119.5°

Spectral Distribution



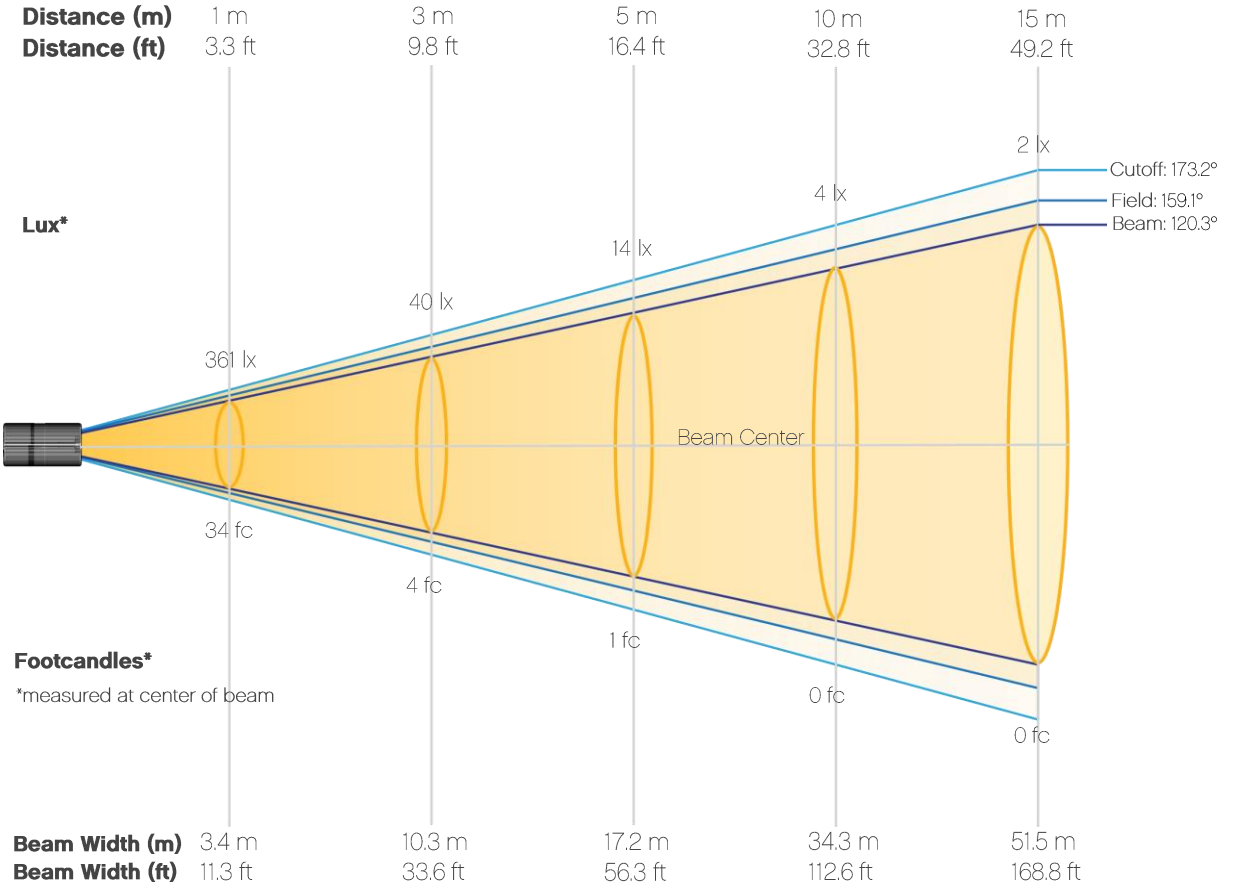
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - Blue Plate Only

Beam Details



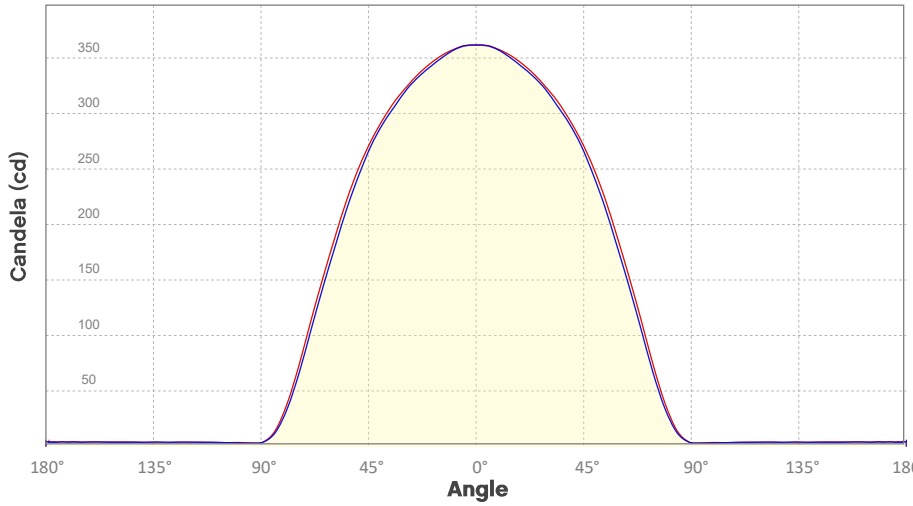
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	361	90	40	23	14	10	7	6	4	4
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	3	3	2	2	2	1	1	1	1	1
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	34	8	4	2	1	1	1	1	0	0
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	0	0	0	0	0	0	0	0	0	0

Photometric Report

COLOR Strike M: Full Power Strobe - Blue Plate Only

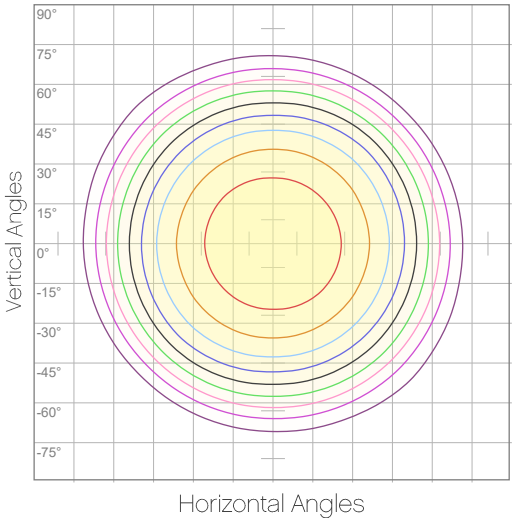
Candela Plot



Beam Angle (50%): 119.5°
Field Angle (10%): 158.8°
Cutoff Angle (3%): 173.6°

Horizontal Distribution
Vertical Distribution

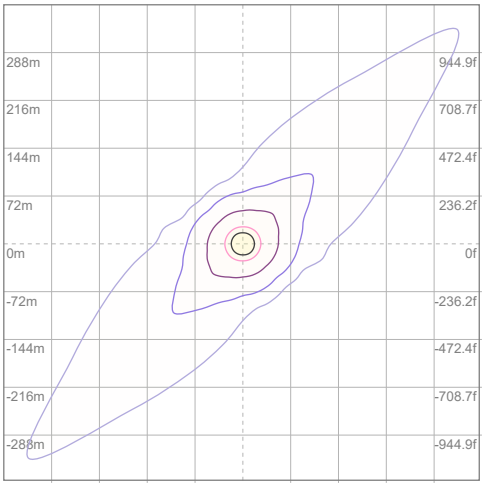
Polar Diagrams



iso-candela Diagram

10%	36 cd
20%	72 cd
30%	108 cd
40%	145 cd
50%	181 cd
60%	217 cd
70%	253 cd
80%	289 cd
90%	325 cd

Conditions:
Number of c-planes: 8
Candela at center: 361 cd



iso-illuminance Diagram

3%	0.108 lx
5%	0.181 lx
10%	0.361 lx
30%	1.08 lx
50%	1.81 lx

Conditions:
Number of c-planes: 8
Lux at center: 3.61 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Strobe - RGB Plate Only

Report Summary

Output

Total Lumens: 18600 lm
Peak Intensity: 5777 cd
Illuminance @ 5m: 231 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 123.5°
Vertical Beam Angle (50%): 122.1°
Horizontal Field Angle (10%): 160.4°
Vertical Field Angle (10%): 158.8°
Horizontal Cutoff Angle (3%): 171.8°
Vertical Cutoff Angle (3%): 170.8°

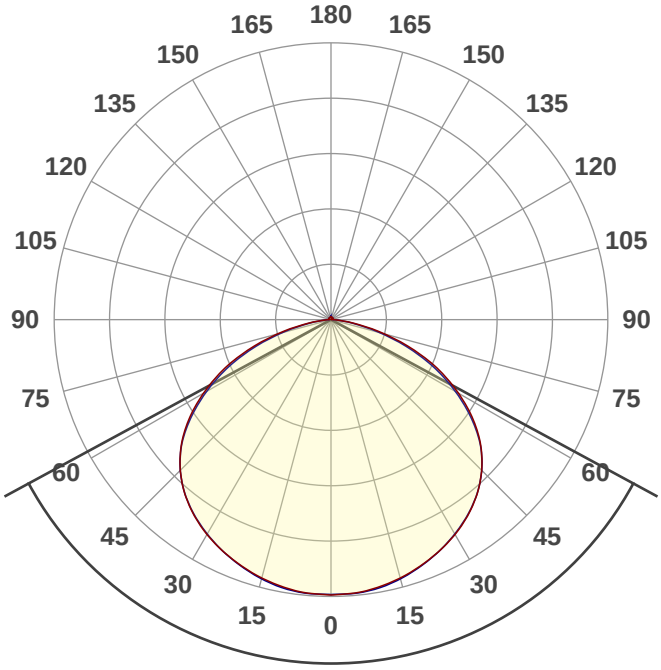
Conditions

AC Supply: 120 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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 Sunrise, FL on 8/24/2021 to LM-63-2002 Standards.

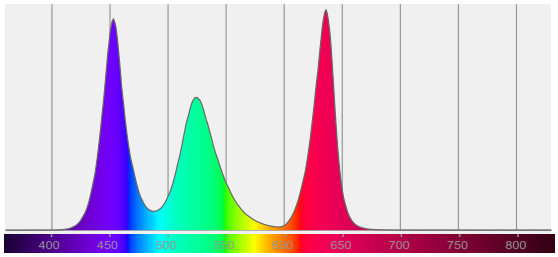
Overall Measurement

Angular Beam Distribution

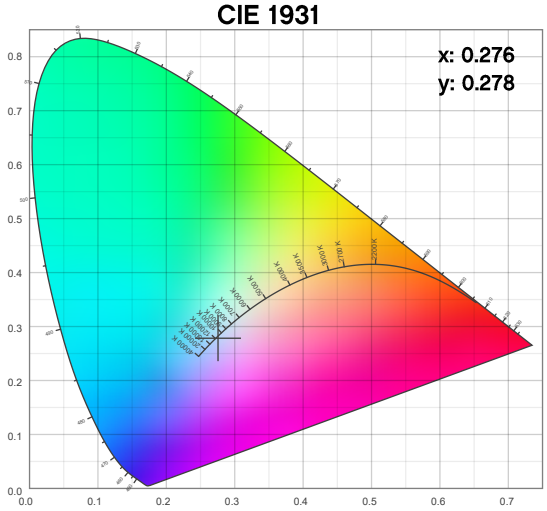


Beam Angle 123.1°

Spectral Distribution



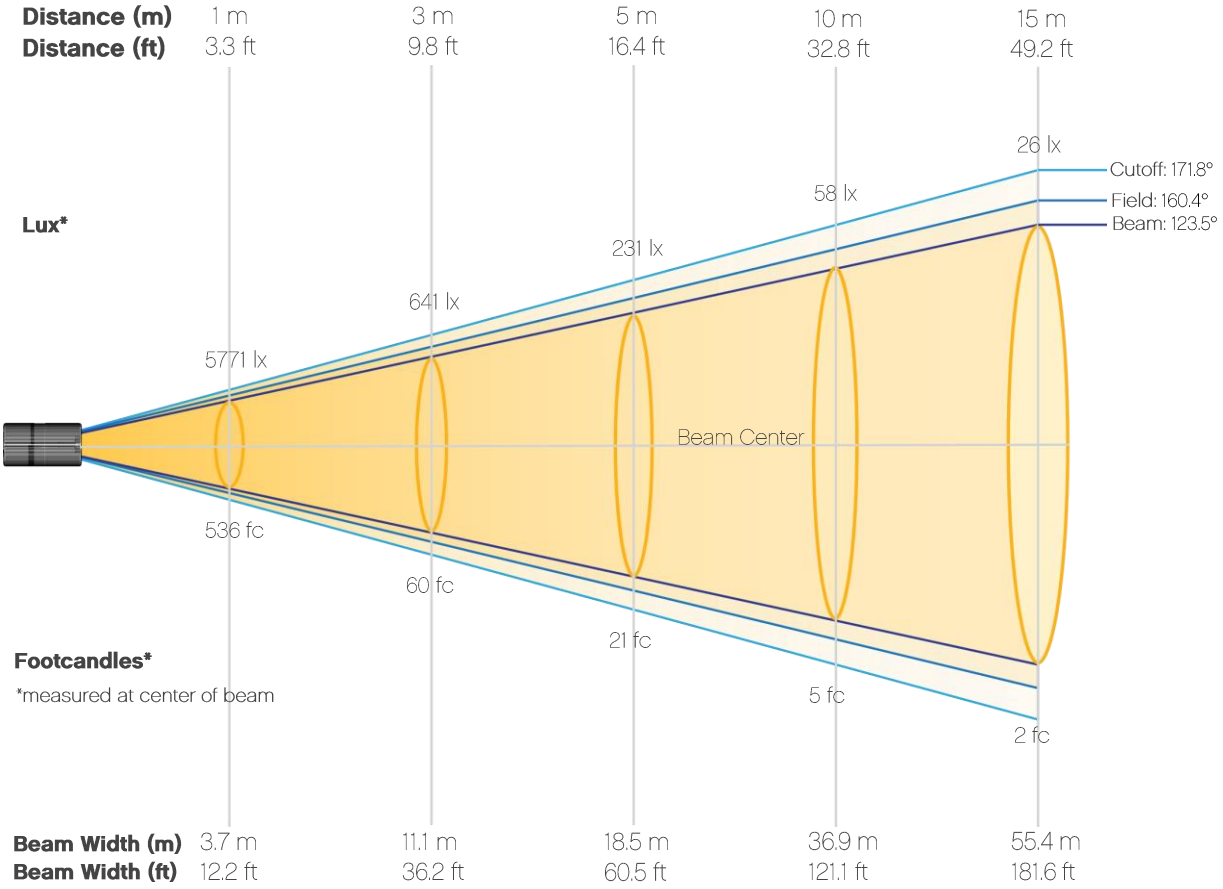
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - RGB Plate Only

Beam Details



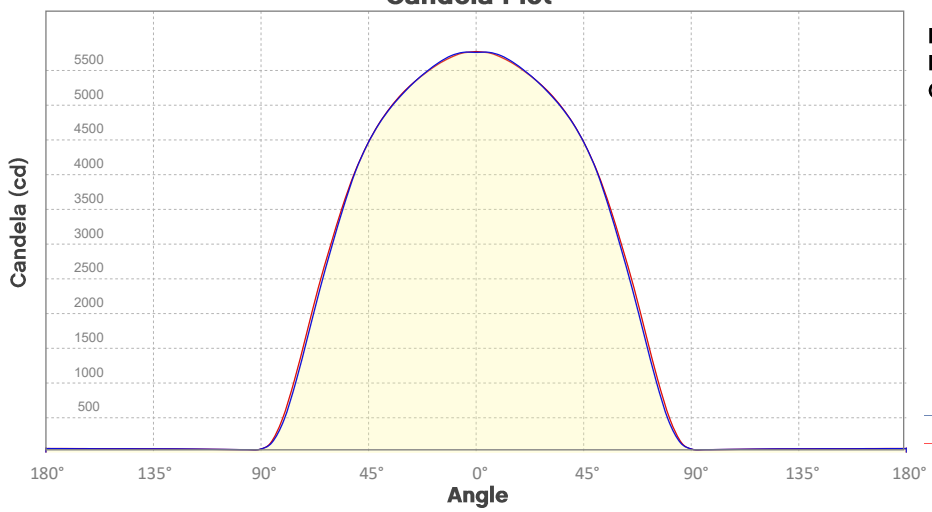
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5771	1443	641	361	231	160	118	90	71	58
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	48	40	34	29	26	23	20	18	16	14
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	536	134	60	34	21	15	11	8	7	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	4	3	3	2	2	2	2	1	1

Photometric Report

COLOR Strike M: Full Power Strobe - RGB Plate Only

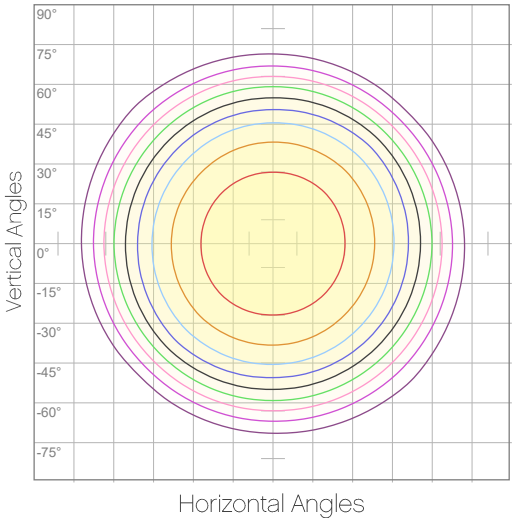
Candela Plot



Beam Angle (50%): 123.1°
Field Angle (10%): 160°
Cutoff Angle (3%): 172.9°

Horizontal Distribution
Vertical Distribution

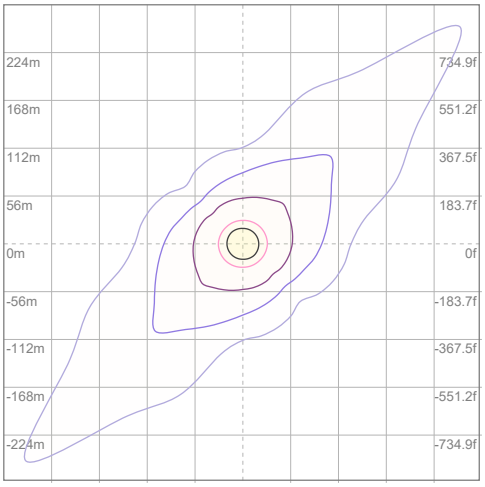
Polar Diagrams



iso-candela Diagram

10%	577 cd
20%	1154 cd
30%	1731 cd
40%	2308 cd
50%	2885 cd
60%	3462 cd
70%	4039 cd
80%	4616 cd
90%	5193 cd

Conditions:
Number of c-planes: 8
Candela at center: 5771 cd



iso-illuminance Diagram

3%	1.73 lx
5%	2.89 lx
10%	5.77 lx
30%	17.3 lx
50%	28.9 lx

Conditions:
Number of c-planes: 8
Lux at center: 57.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Strobe - Beam Only

Report Summary

Output

Total Lumens: 54381 lm
Peak Intensity: 36017 cd
Illuminance @ 5m: 1432 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 95.1°
Vertical Beam Angle (50%): 50.7°
Horizontal Field Angle (10%): 137.8°
Vertical Field Angle (10%): 99.5°
Horizontal Cutoff Angle (3%): 157.9°
Vertical Cutoff Angle (3%): 122.2°

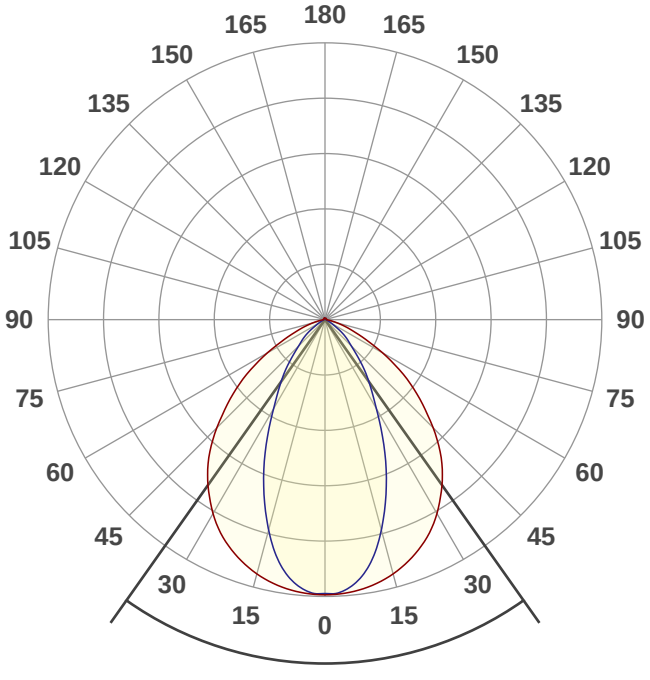
Conditions

AC Supply: 118 V, 60 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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 Sunrise, FL on 8/24/2021 to LM-63-2002 Standards.

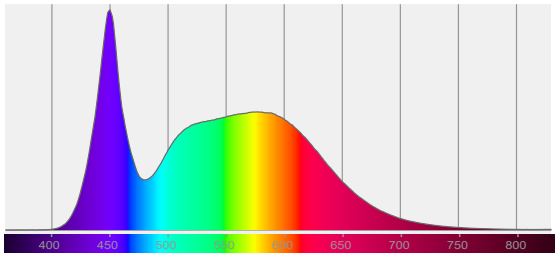
Overall Measurement

Angular Beam Distribution

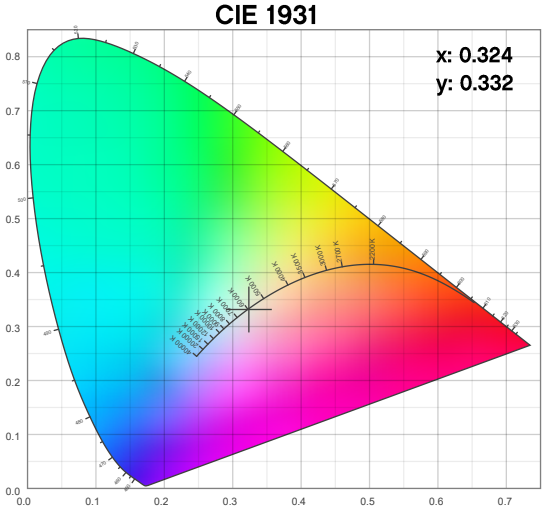


Beam Angle 70.5°

Spectral Distribution



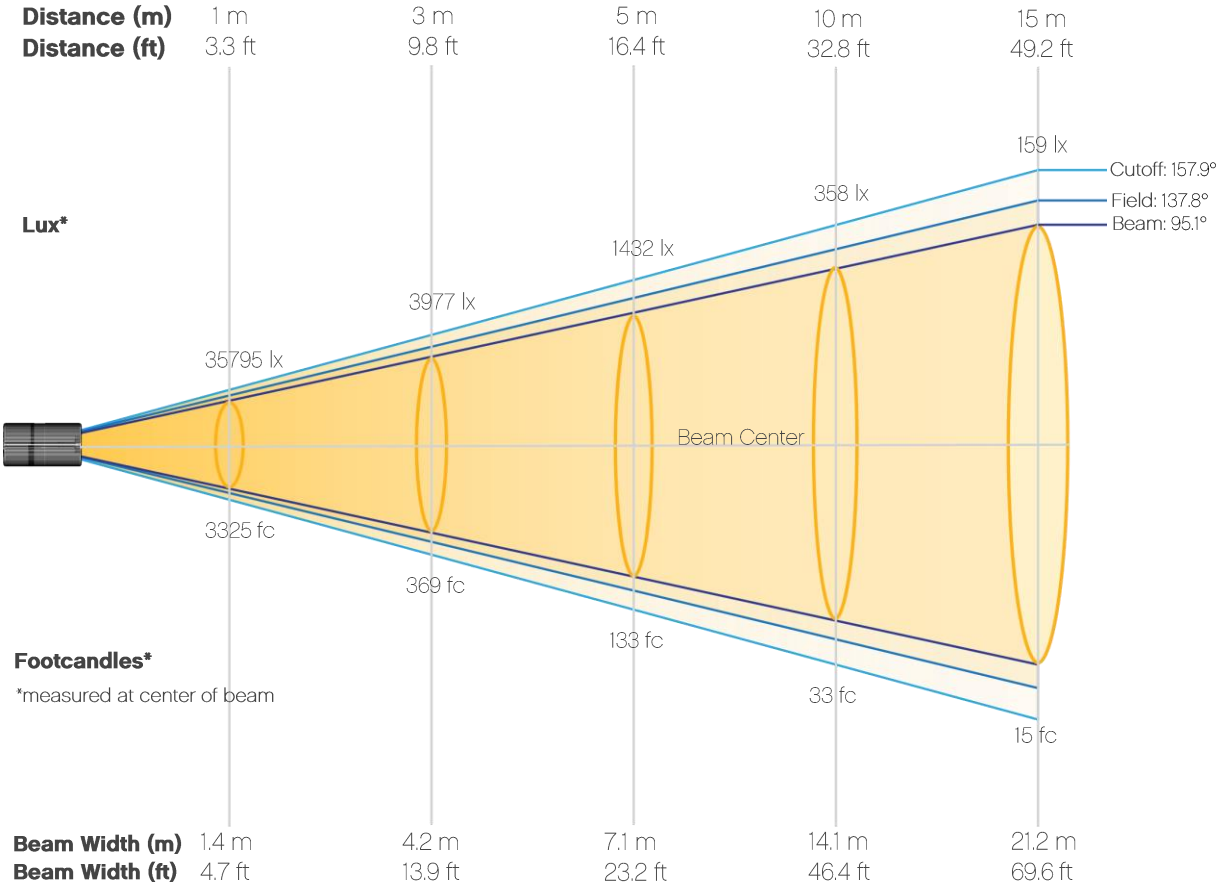
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - Beam Only

Beam Details



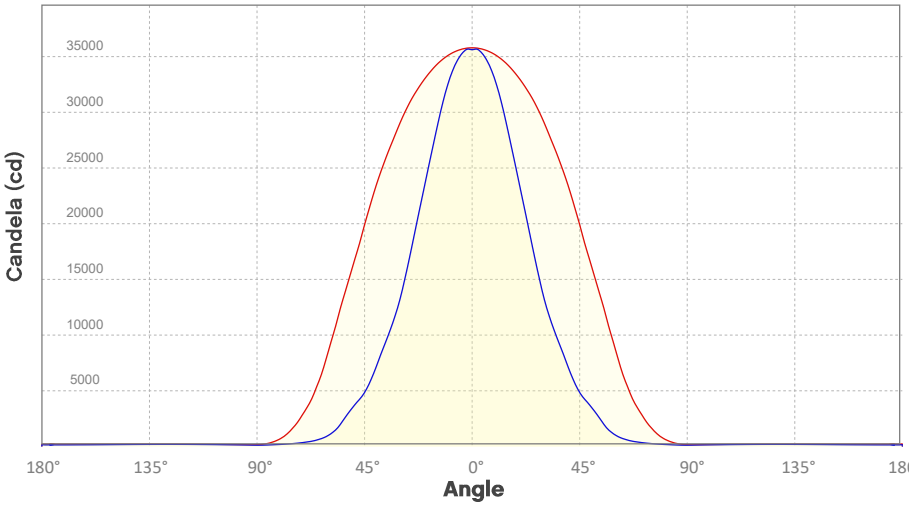
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	35795	8949	3977	2237	1432	994	731	559	442	358
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	296	249	212	183	159	140	124	110	99	89
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3325	831	369	208	133	92	68	52	41	33
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	27	23	20	17	15	13	12	10	9	8

Photometric Report

COLOR Strike M: Full Power Strobe - Beam Only

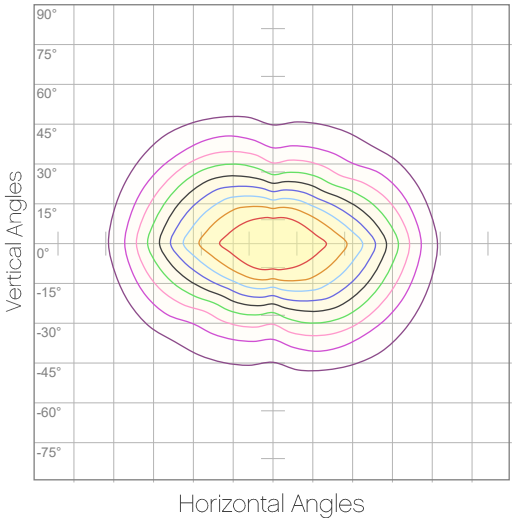
Candela Plot



Beam Angle (50%): 70.5°
Field Angle (10%): 120.3°
Cutoff Angle (3%): 144.9°

Horizontal Distribution
Vertical Distribution

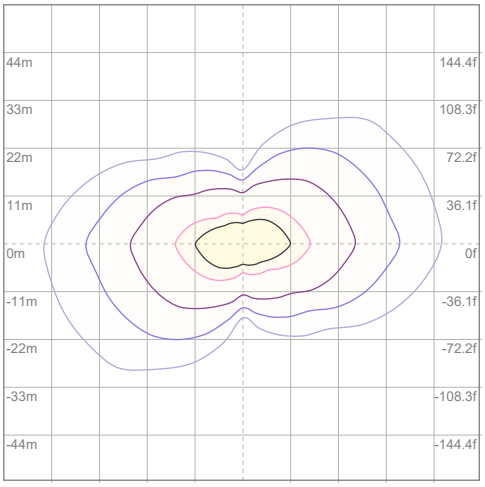
Polar Diagrams



iso-candela Diagram

10%	3580 cd
20%	7159 cd
30%	10739 cd
40%	14318 cd
50%	17898 cd
60%	21477 cd
70%	25057 cd
80%	28636 cd
90%	32216 cd

Conditions:
Number of c-planes: 8
Candela at center: 35795 cd



iso-illuminance Diagram

3%	10.7 lx
5%	17.9 lx
10%	35.8 lx
30%	107 lx
50%	179 lx

Conditions:
Number of c-planes: 8
Lux at center: 358 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Strobe - Combined Beam & Plate

Report Summary

Output

Total Lumens: 71620 lm
Peak Intensity: 39792 cd
Illuminance @ 5m: 1591 lux
Fixture Efficacy: n/a lm/W

Optical

Horizontal Beam Angle (50%): 98°
Vertical Beam Angle (50%): 57.7°
Horizontal Field Angle (10%): 146.4°
Vertical Field Angle (10%): 121.6°
Horizontal Cutoff Angle (3%): 164.6°
Vertical Cutoff Angle (3%): 155.1°

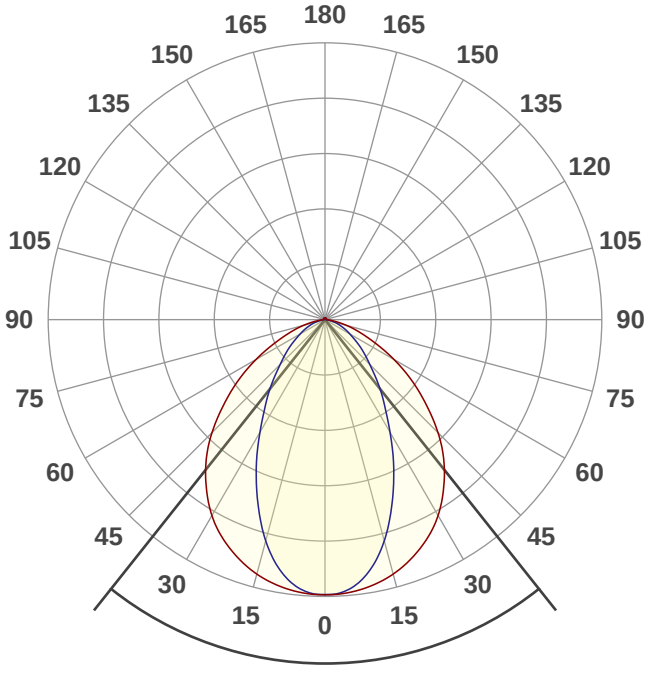
Conditions

AC Supply: 116 V, 60.1 Hz
Power: n/a W
Current: 0.000 A
Power Factor: n/a

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 Sunrise, FL on 8/24/2021 to LM-63-2002 Standards.

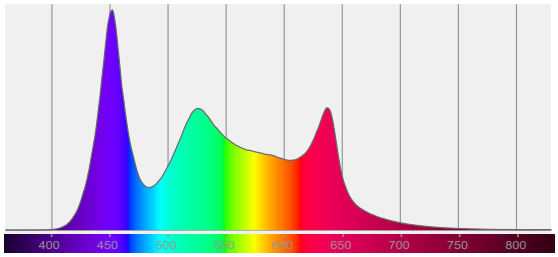
Overall Measurement

Angular Beam Distribution

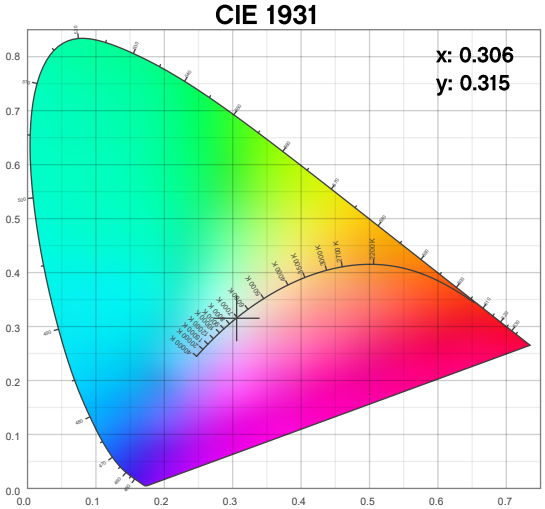


Beam Angle 76.9°

Spectral Distribution



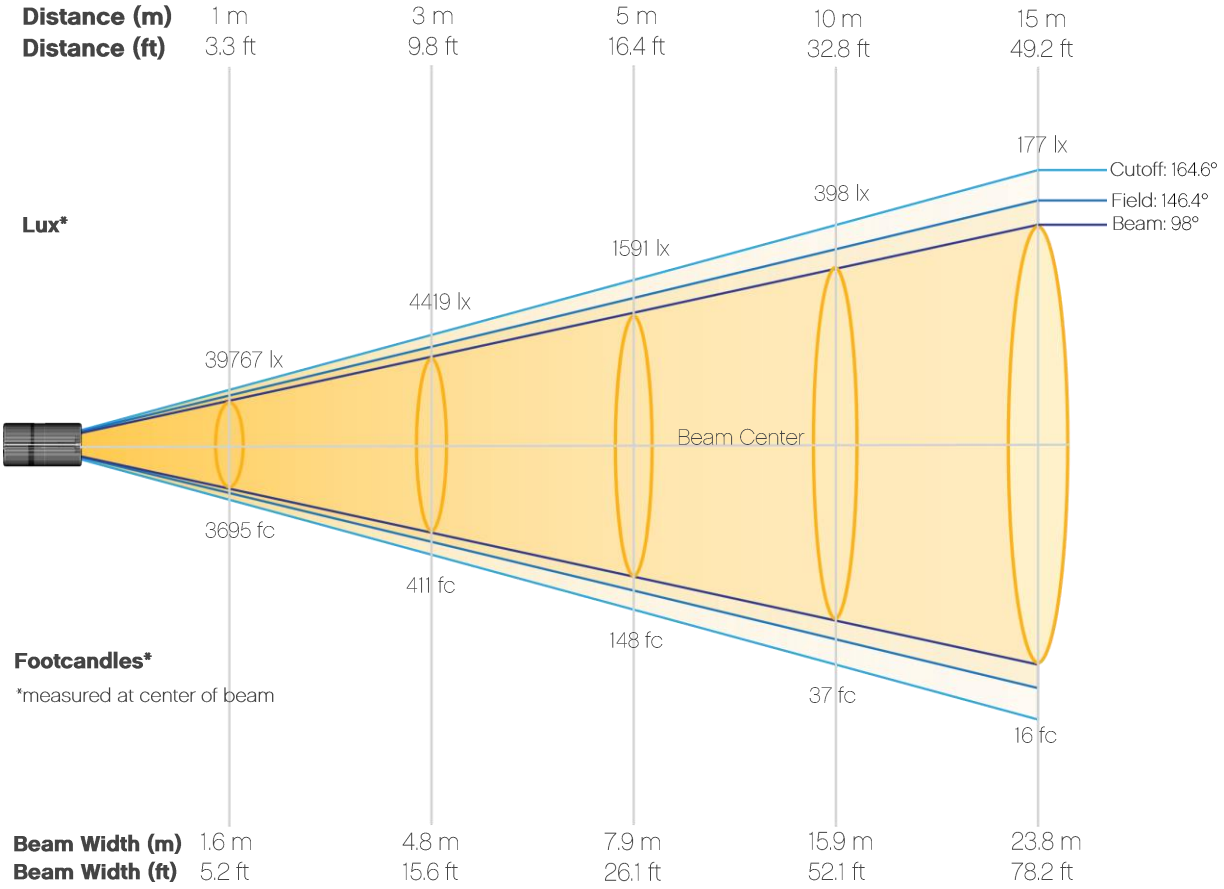
CIE 1931



Photometric Report

COLOR Strike M: Full Power Strobe - Combined Beam & Plate

Beam Details



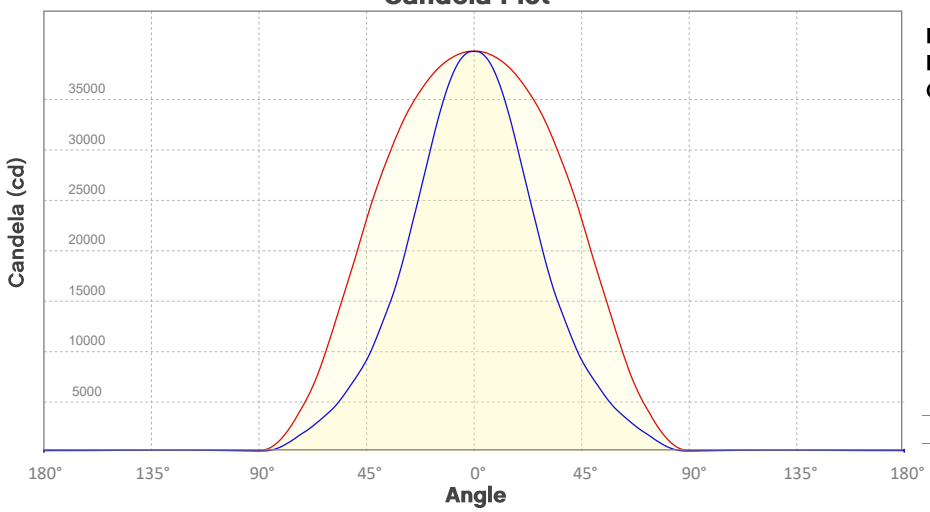
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39767	9942	4419	2485	1591	1105	812	621	491	398
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	329	276	235	203	177	155	138	123	110	99
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3695	924	411	231	148	103	75	58	46	37
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	31	26	22	19	16	14	13	11	10	9

Photometric Report

COLOR Strike M: Full Power Strobe - Combined Beam & Plate

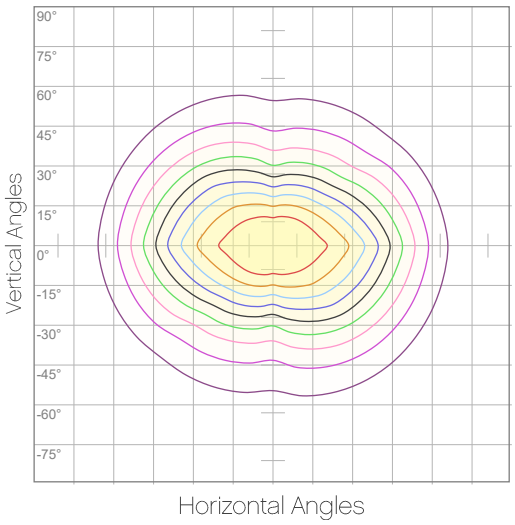
Candela Plot



Beam Angle (50%): 76.9°
Field Angle (10%): 135.1°
Cutoff Angle (3%): 161.7°

Horizontal Distribution
Vertical Distribution

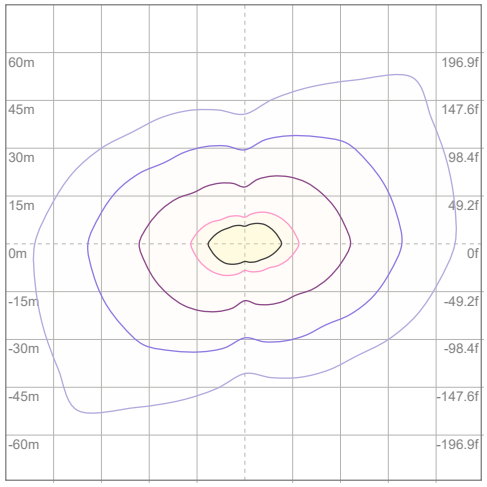
Polar Diagrams



iso-candela Diagram

10%	3977 cd
20%	7953 cd
30%	11930 cd
40%	15907 cd
50%	19884 cd
60%	23860 cd
70%	27837 cd
80%	31814 cd
90%	35791 cd

Conditions:
Number of c-planes: 8
Candela at center: 39767 cd



iso-illuminance Diagram

3%	11.9 lx
5%	19.9 lx
10%	39.8 lx
30%	119 lx
50%	199 lx

Conditions:
Number of c-planes: 8
Lux at center: 398 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - Red Only

Report Summary

Output

Total Lumens: 7150 lm
Peak Intensity: 2274 cd
Illuminance @ 5m: 91 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 123°
Vertical Beam Angle (50%): 120.6°
Horizontal Field Angle (10%): 160.4°
Vertical Field Angle (10%): 164.1°
Horizontal Cutoff Angle (3%): 172.2°
Vertical Cutoff Angle (3%): 180.4°

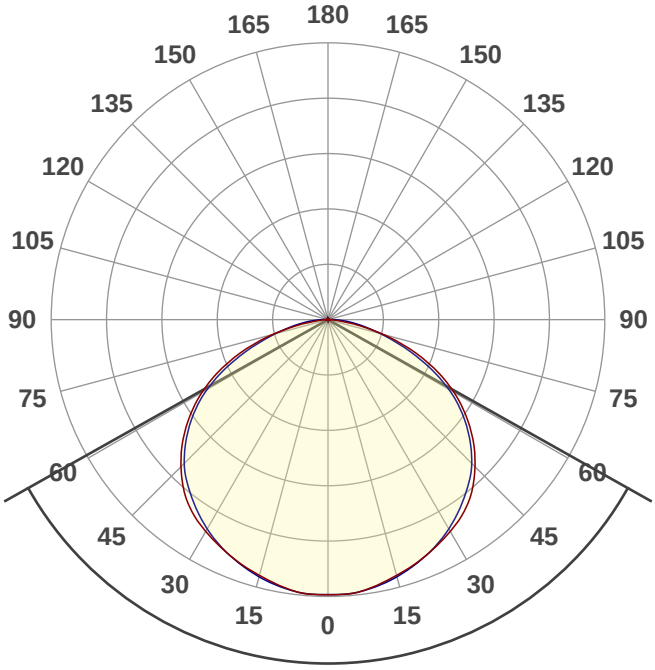
Conditions

AC Supply: 119 V, 60 Hz
Power: 223.16 W
Current: 1.88 A
Power Factor: 0.98

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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

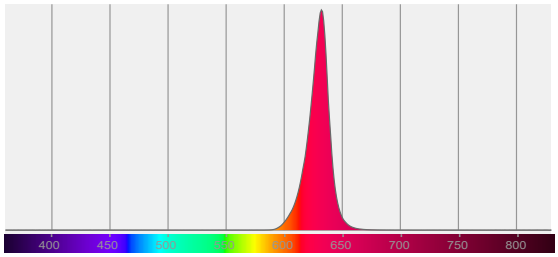
Overall Measurement

Angular Beam Distribution

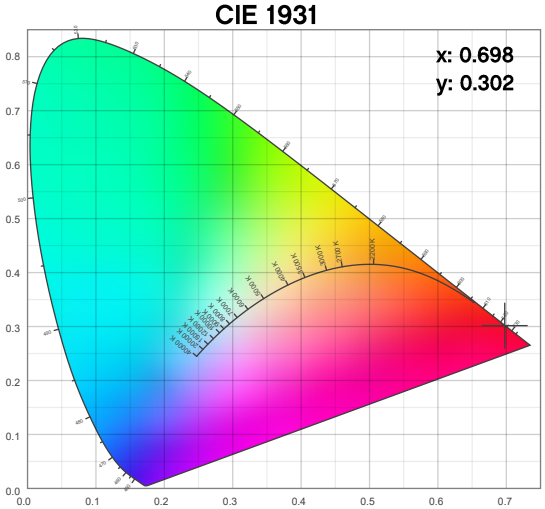


Beam Angle 121.3°

Spectral Distribution



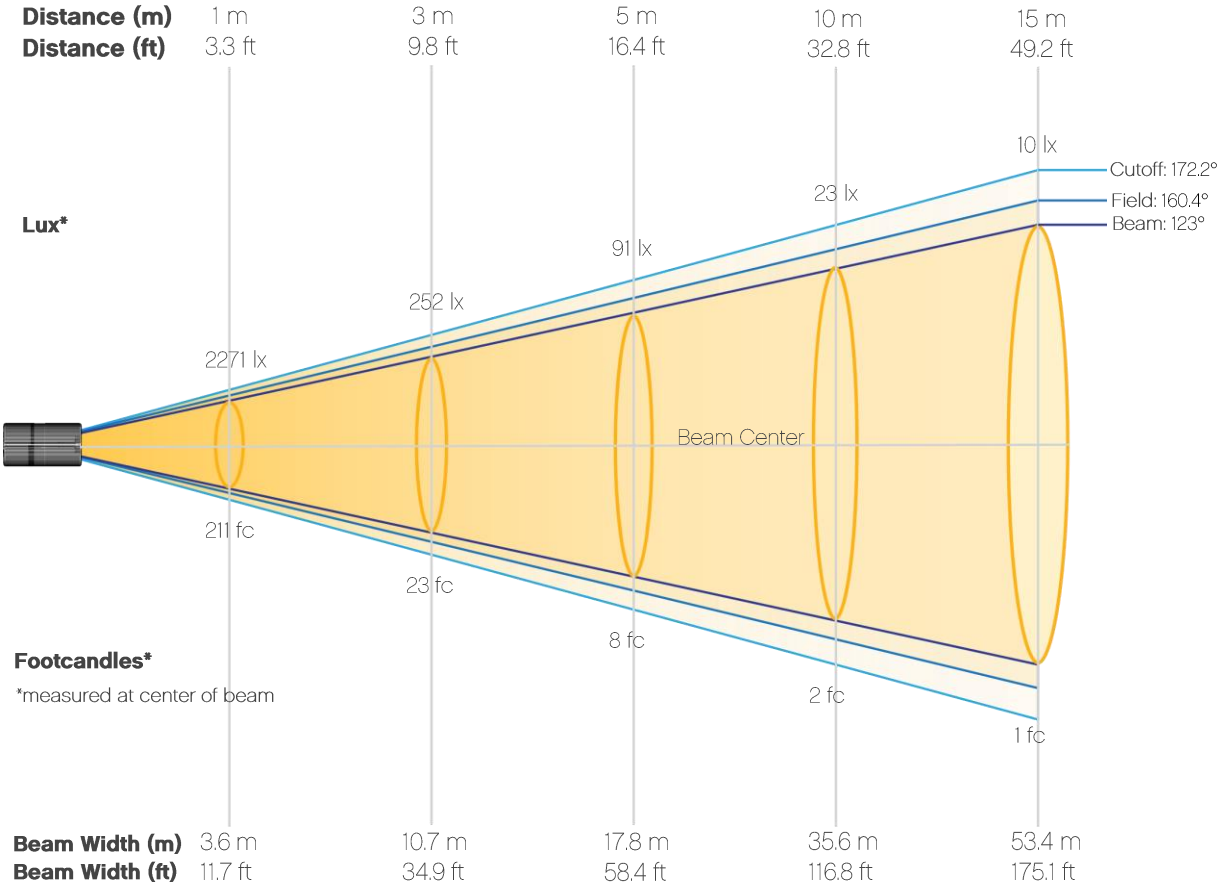
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - Red Only

Beam Details



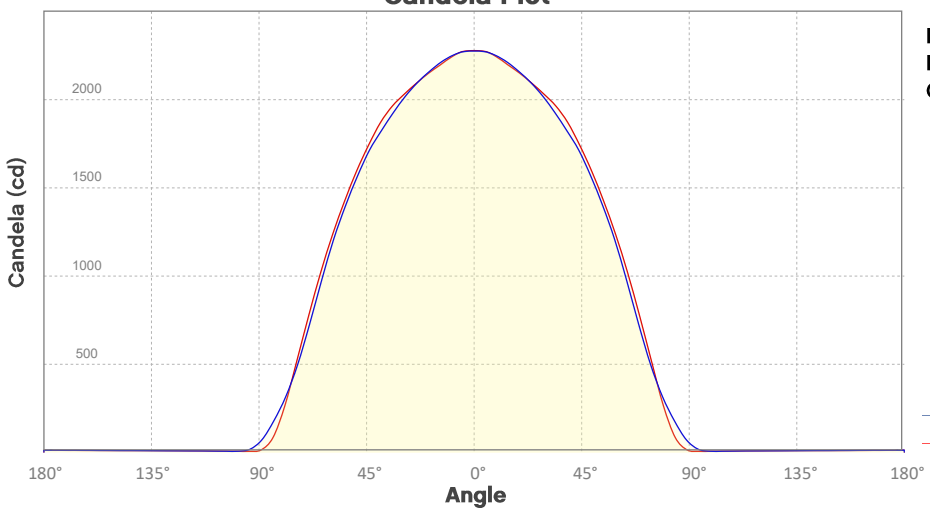
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2271	568	252	142	91	63	46	35	28	23
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	19	16	13	12	10	9	8	7	6	6
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	211	53	23	13	8	6	4	3	3	2
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	2	1	1	1	1	1	1	1	1	1

Photometric Report

COLOR Strike M: Full Power Wash - Red Only

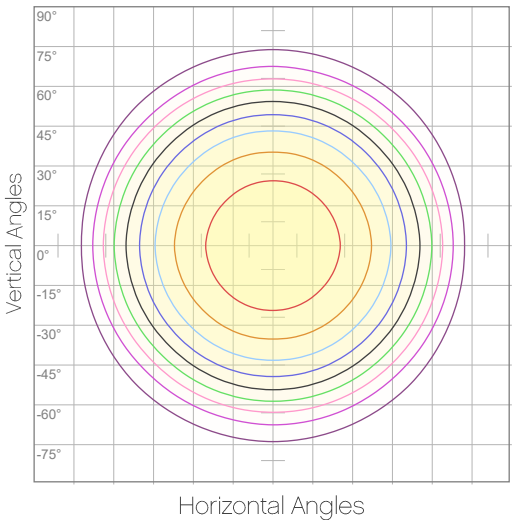
Candela Plot



Beam Angle (50%): 121.3°
Field Angle (10%): 162.8°
Cutoff Angle (3%): 177.3°

Horizontal Distribution
Vertical Distribution

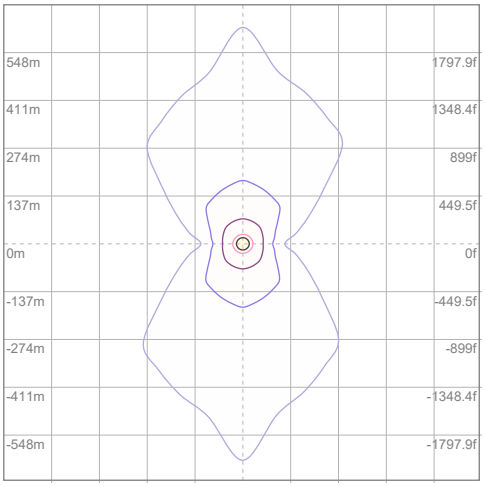
Polar Diagrams



iso-candela Diagram

10%	227 cd
20%	454 cd
30%	681 cd
40%	908 cd
50%	1136 cd
60%	1363 cd
70%	1590 cd
80%	1817 cd
90%	2044 cd

Conditions:
Number of c-planes: 8
Candela at center: 2271 cd



iso-illuminance Diagram

3%	0.681 lx
5%	1.14 lx
10%	2.27 lx
30%	6.81 lx
50%	11.4 lx

Conditions:
Number of c-planes: 8
Lux at center: 22.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - Green Only

Report Summary

Output

Total Lumens: 16636 lm
Peak Intensity: 5118 cd
Illuminance @ 5m: 204 lux
Fixture Efficacy: 62 lm/W

Optical

Horizontal Beam Angle (50%): 125.4°
Vertical Beam Angle (50%): 122.7°
Horizontal Field Angle (10%): 160.7°
Vertical Field Angle (10%): 163.4°
Horizontal Cutoff Angle (3%): 172.6°
Vertical Cutoff Angle (3%): 179.4°

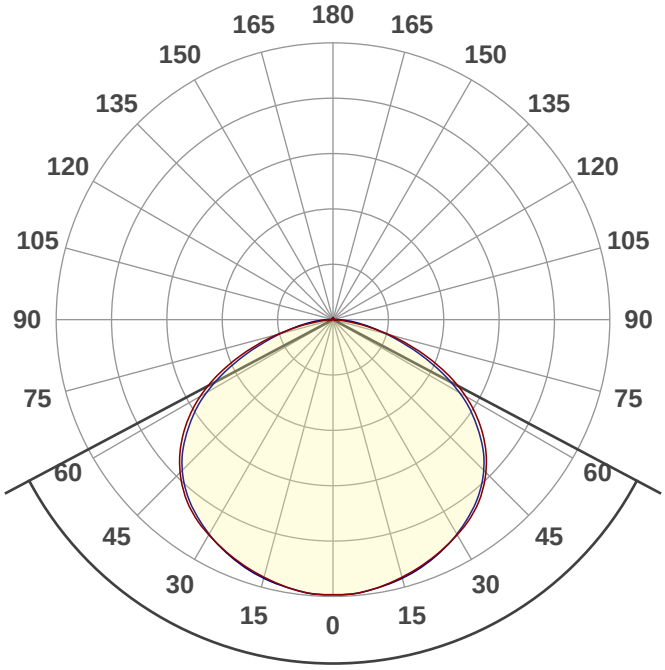
Conditions

AC Supply: 118 V, 60 Hz
Power: 275.34 W
Current: 2.34 A
Power Factor: 0.98

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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

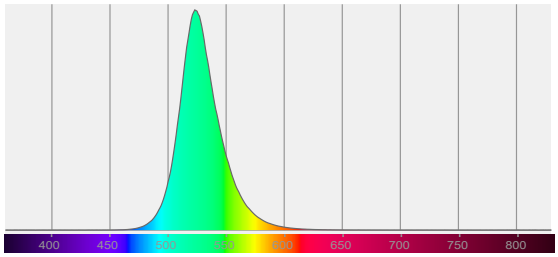
Overall Measurement

Angular Beam Distribution

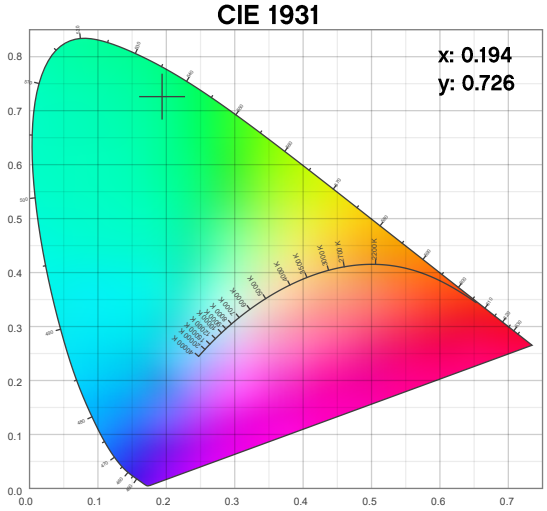


Beam Angle 124.1°

Spectral Distribution



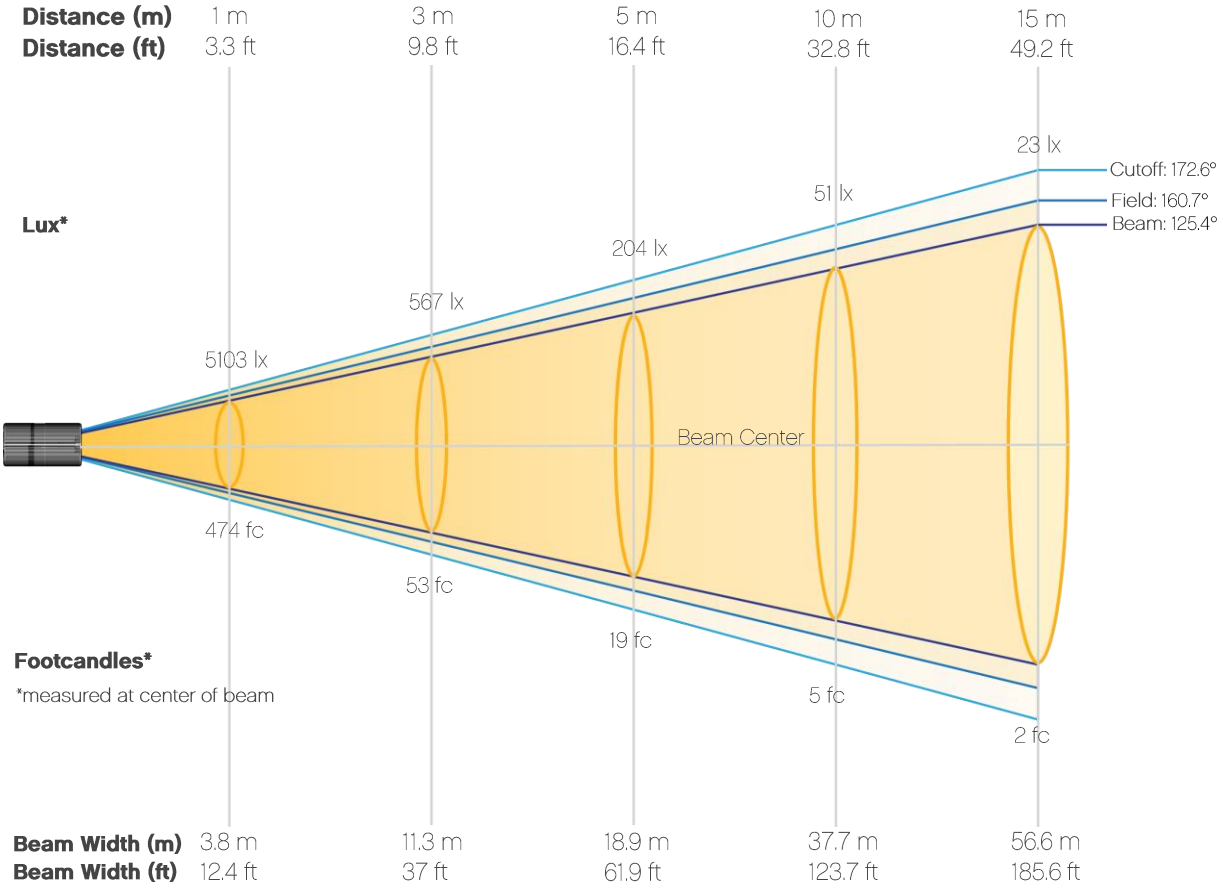
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - Green Only

Beam Details



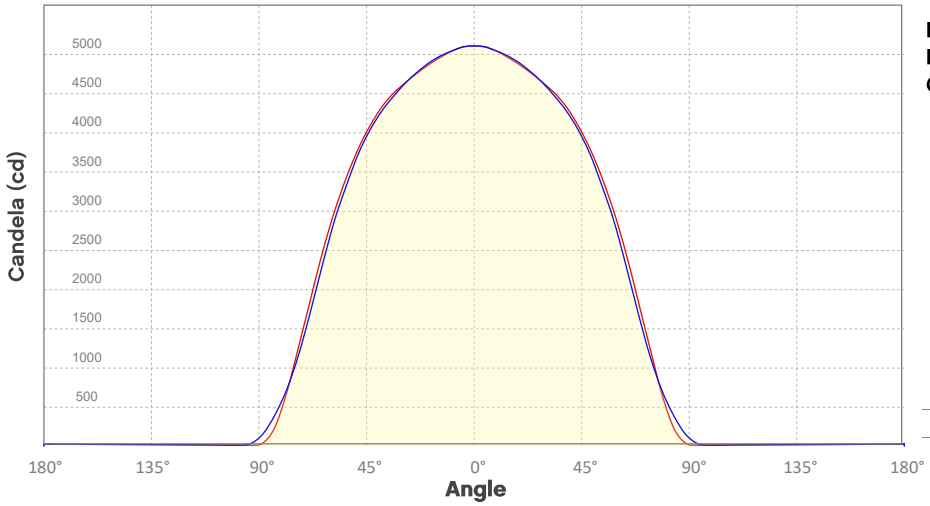
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	5103	1276	567	319	204	142	104	80	63	51
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	42	35	30	26	23	20	18	16	14	13
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	474	119	53	30	19	13	10	7	6	5
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	4	3	3	2	2	2	2	1	1	1

Photometric Report

COLOR Strike M: Full Power Wash - Green Only

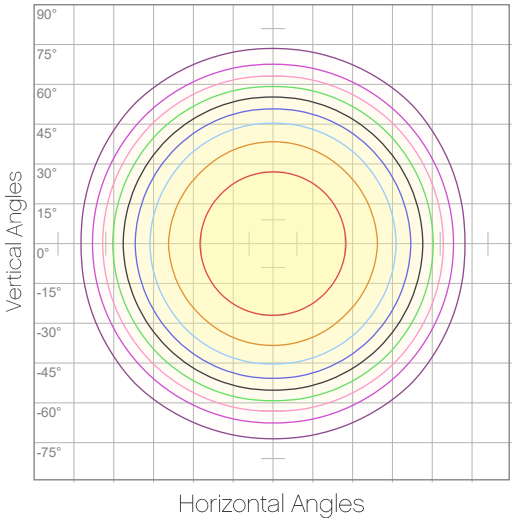
Candela Plot



Beam Angle (50%): 124.1°
Field Angle (10%): 163.3°
Cutoff Angle (3%): 177.4°

Horizontal Distribution
Vertical Distribution

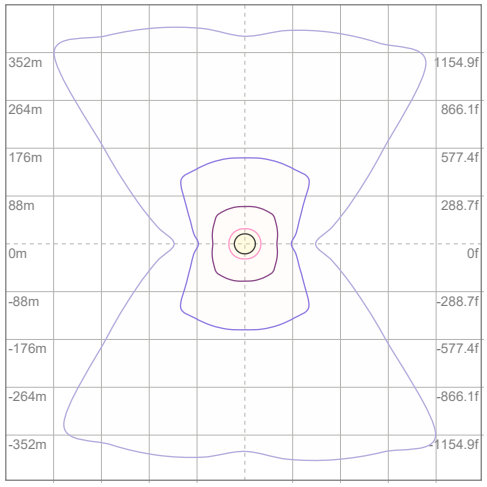
Polar Diagrams



iso-candela Diagram

10%	510 cd
20%	1021 cd
30%	1531 cd
40%	2041 cd
50%	2551 cd
60%	3062 cd
70%	3572 cd
80%	4082 cd
90%	4592 cd

Conditions:
Number of c-planes: 8
Candela at center: 5103 cd



iso-illuminance Diagram

3%	1.53 lx
5%	2.55 lx
10%	5.10 lx
30%	15.3 lx
50%	25.5 lx

Conditions:
Number of c-planes: 8
Lux at center: 51.0 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - Blue Only

Report Summary

Output

Total Lumens: 2652 lm
Peak Intensity: 847 cd
Illuminance @ 5m: 34 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 122.1°
Vertical Beam Angle (50%): 119.2°
Horizontal Field Angle (10%): 159.6°
Vertical Field Angle (10%): 161.8°
Horizontal Cutoff Angle (3%): 172.2°
Vertical Cutoff Angle (3%): 177.9°

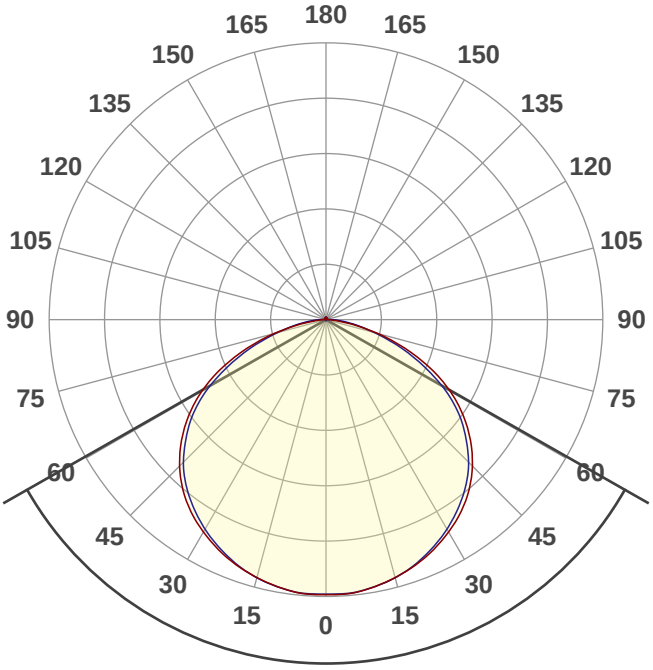
Conditions

AC Supply: 118 V, 60 Hz
Power: 295.01 W
Current: 2.51 A
Power Factor: 0.98

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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

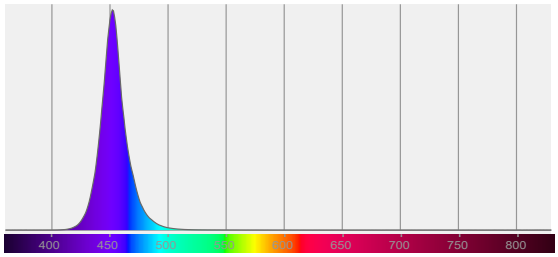
Overall Measurement

Angular Beam Distribution

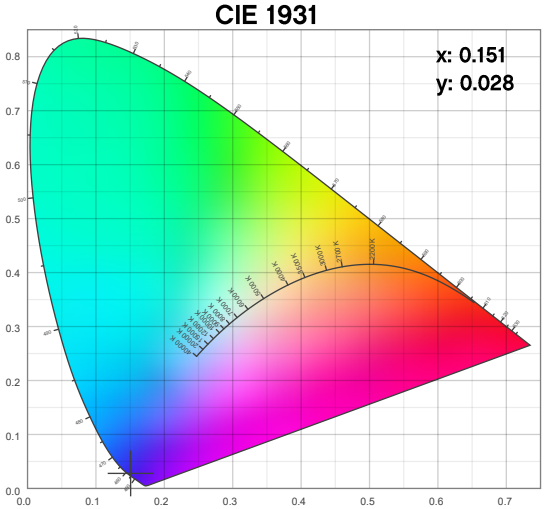


Beam Angle 120.7°

Spectral Distribution



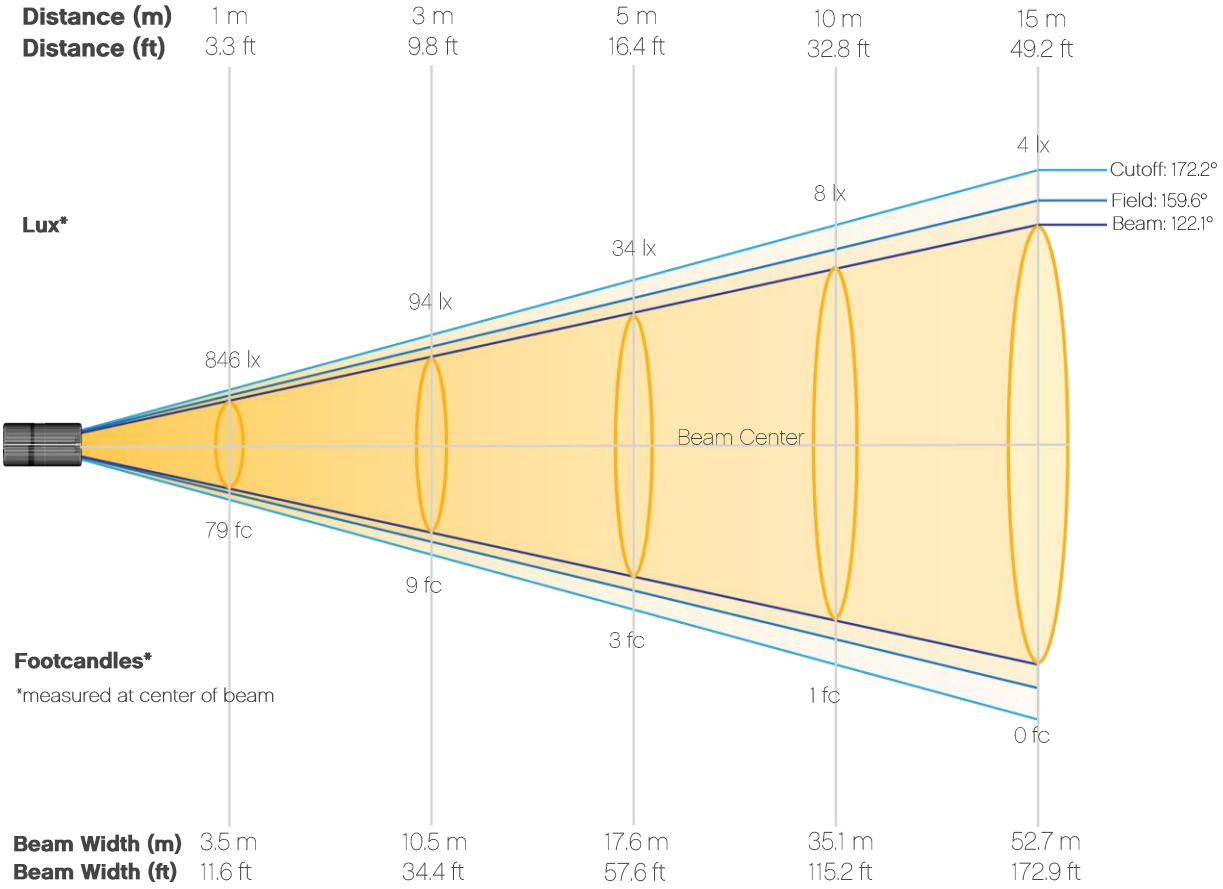
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - Blue Only

Beam Details



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

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	846	211	94	53	34	23	17	13	10	8
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	7	6	5	4	4	3	3	3	2	2
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	79	20	9	5	3	2	2	1	1	1
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	1	1	0	0	0	0	0	0	0	0

Photometric Report

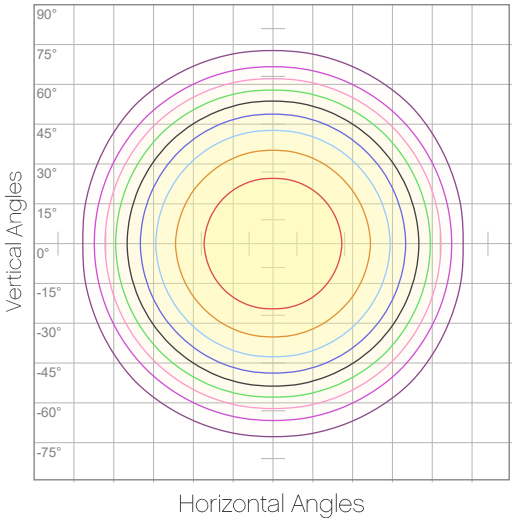
COLOR Strike M: Full Power Wash - Blue Only

Candela Plot

Beam Angle (50%): 120.7°
Field Angle (10%): 162°
Cutoff Angle (3%): 176.8°

Horizontal Distribution
Vertical Distribution

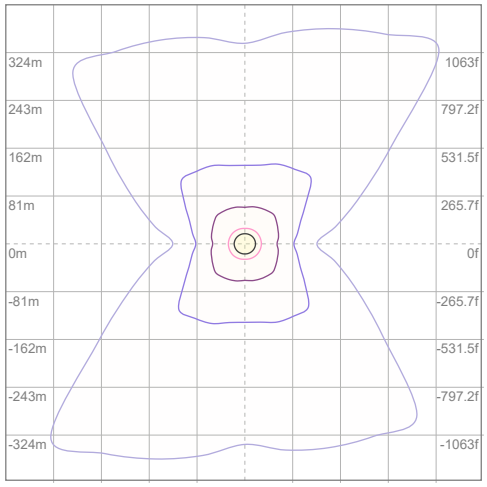
Polar Diagrams



iso-candela Diagram

10%	85 cd
20%	169 cd
30%	254 cd
40%	338 cd
50%	423 cd
60%	507 cd
70%	592 cd
80%	677 cd
90%	761 cd

Conditions:
Number of c-planes: 8
Candela at center: 846 cd



iso-illuminance Diagram

3%	0.254 lx
5%	0.423 lx
10%	0.846 lx
30%	2.54 lx
50%	4.23 lx

Conditions:
Number of c-planes: 8
Lux at center: 8.46 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - RGB

Report Summary

Output

Total Lumens: 14024 lm
Peak Intensity: 4377 cd
Illuminance @ 5m: 175 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 124.4°
Vertical Beam Angle (50%): 121.6°
Horizontal Field Angle (10%): 160.6°
Vertical Field Angle (10%): 164.9°
Horizontal Cutoff Angle (3%): 172.4°
Vertical Cutoff Angle (3%): 181.3°

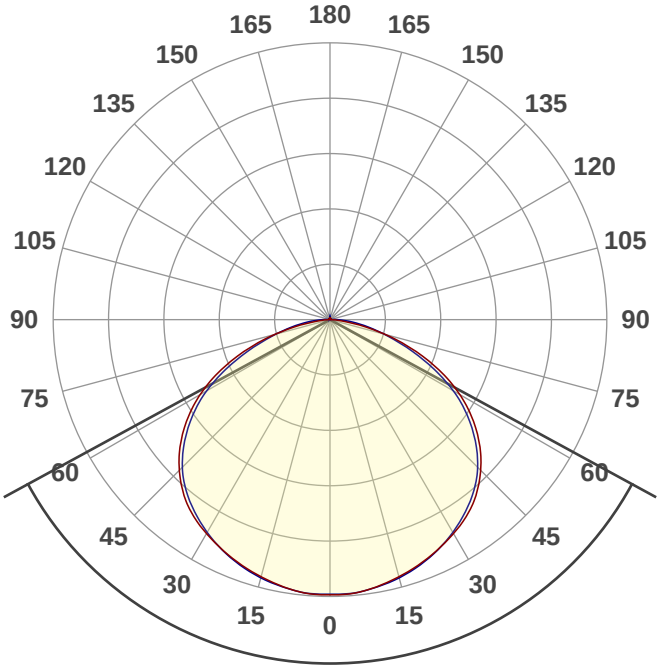
Conditions

AC Supply: 117 V, 60 Hz
Power: 412.33 W
Current: 3.53 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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

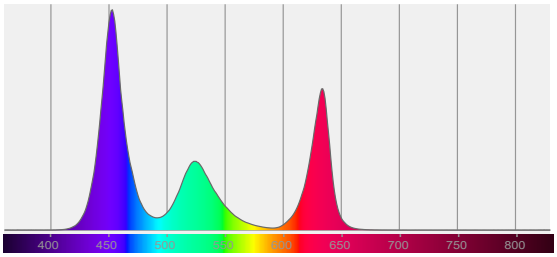
Overall Measurement

Angular Beam Distribution

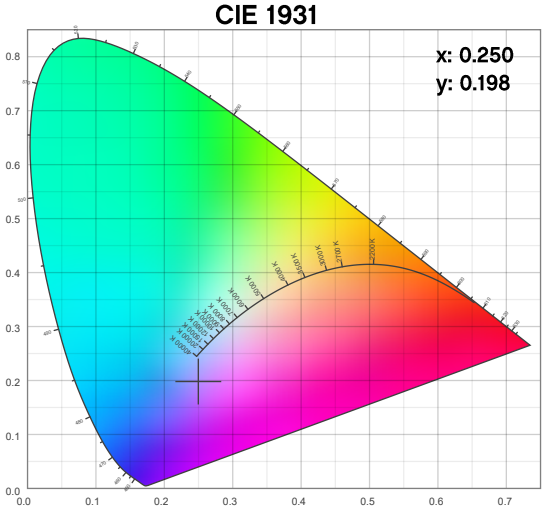


Beam Angle 122.9°

Spectral Distribution



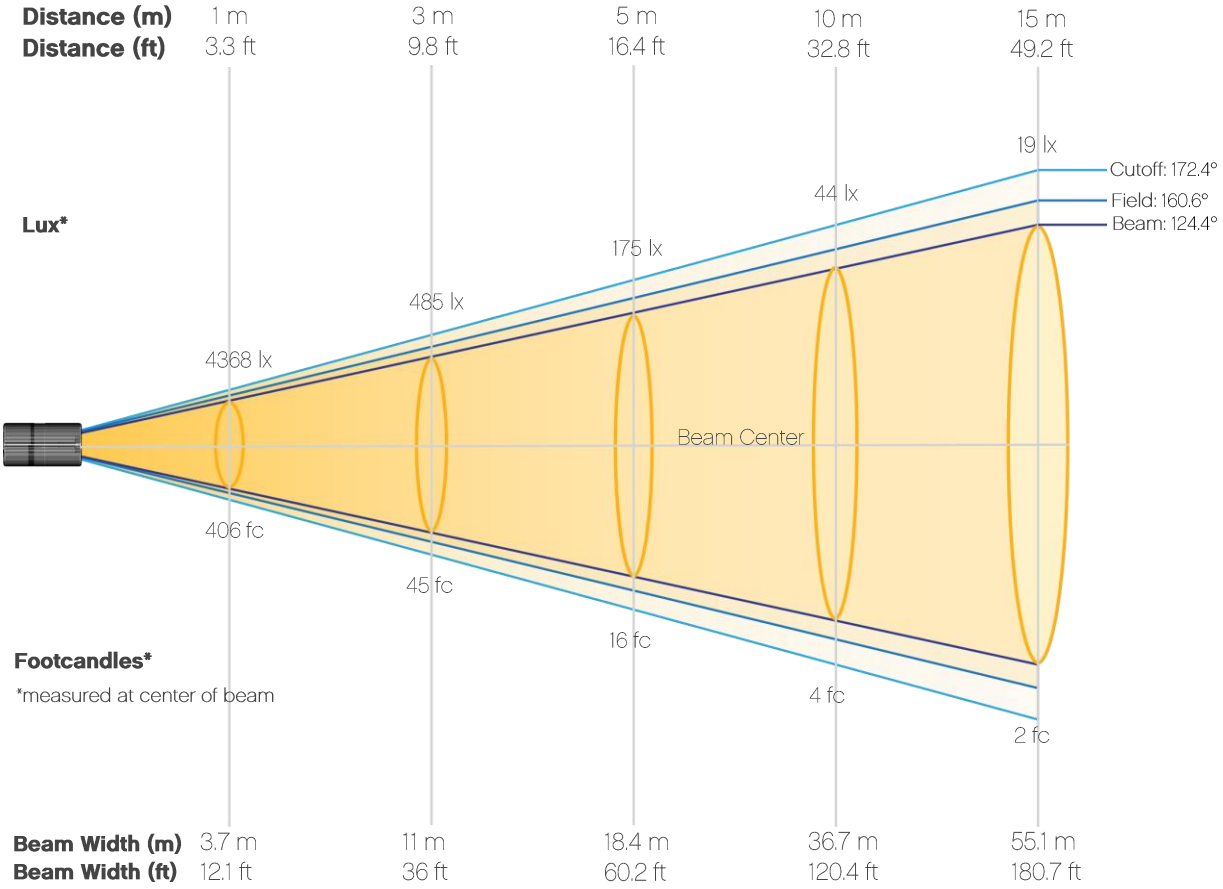
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - RGB

Beam Details



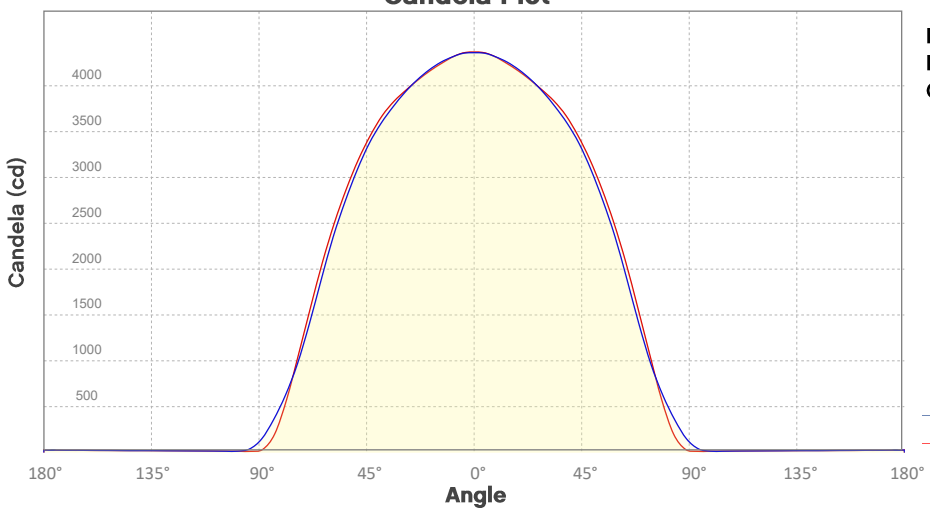
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4368	1092	485	273	175	121	89	68	54	44
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	36	30	26	22	19	17	15	13	12	11
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	406	101	45	25	16	11	8	6	5	4
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	3	2	2	2	2	1	1	1	1

Photometric Report

COLOR Strike M: Full Power Wash - RGB

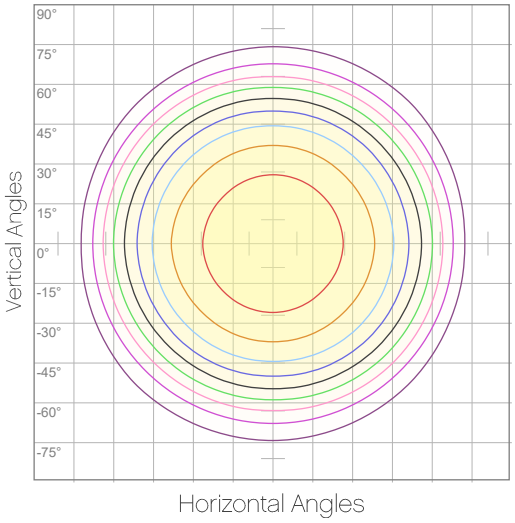
Candela Plot



Beam Angle (50%): 122.9°
Field Angle (10%): 163.4°
Cutoff Angle (3%): 177.7°

Horizontal Distribution
Vertical Distribution

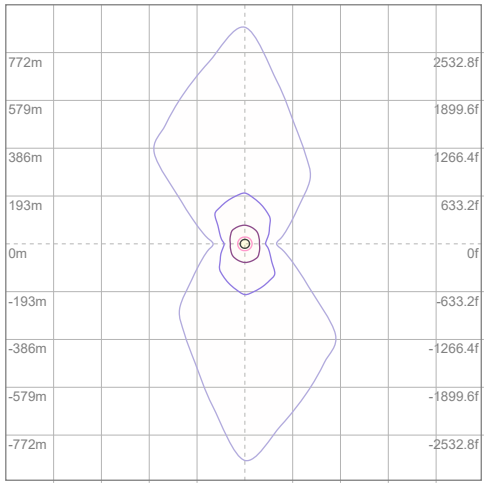
Polar Diagrams



iso-candela Diagram

	10%	437 cd
	20%	874 cd
	30%	1310 cd
	40%	1747 cd
	50%	2184 cd
	60%	2621 cd
	70%	3058 cd
	80%	3494 cd
	90%	3931 cd

Conditions:
Number of c-planes: 8
Candela at center: 4368 cd



iso-illuminance Diagram

	3%	1.31 lx
	5%	2.18 lx
	10%	4.37 lx
	30%	13.1 lx
	50%	21.8 lx

Conditions:
Number of c-planes: 8
Lux at center: 43.7 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - Beam Only

Report Summary

Output

Total Lumens: 51685 lm
Peak Intensity: 33661 cd
Illuminance @ 5m: 1344 lux
Fixture Efficacy: 78 lm/W

Optical

Horizontal Beam Angle (50%): 98.2°
Vertical Beam Angle (50%): 60.8°
Horizontal Field Angle (10%): 136.9°
Vertical Field Angle (10%): 105.2°
Horizontal Cutoff Angle (3%): 155.9°
Vertical Cutoff Angle (3%): 130.2°

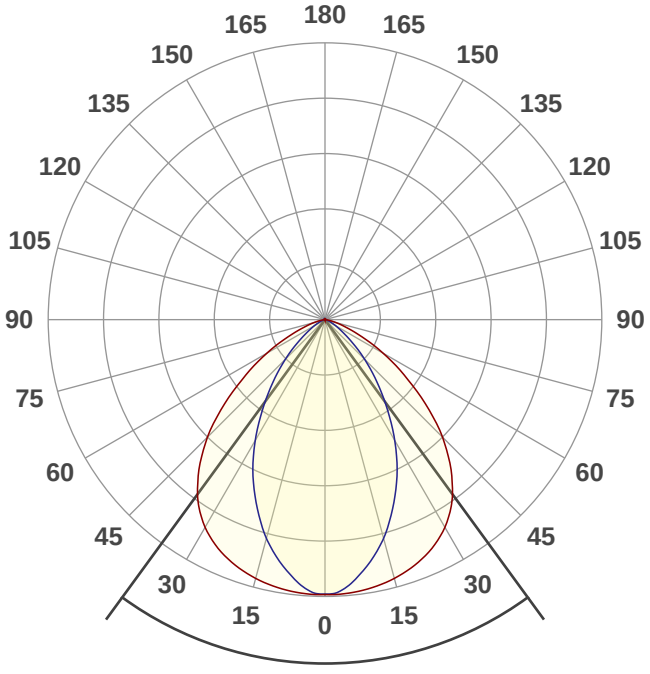
Conditions

AC Supply: 115 V, 60 Hz
Power: 664.68 W
Current: 5.77 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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

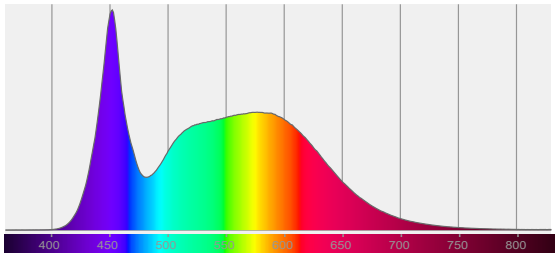
Overall Measurement

Angular Beam Distribution

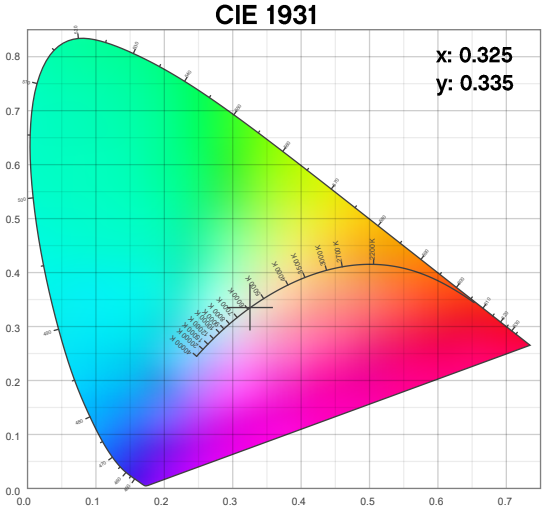


Beam Angle 72.3°

Spectral Distribution



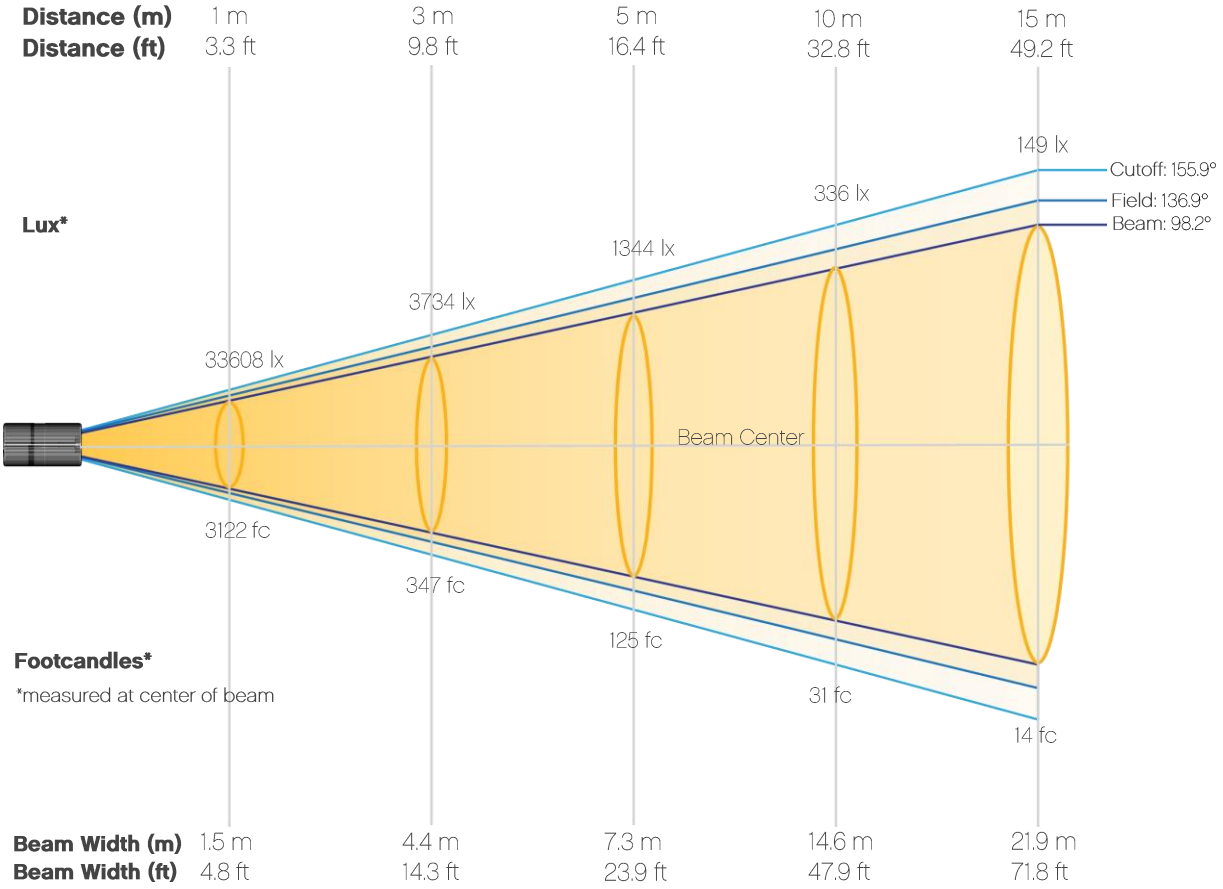
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - Beam Only

Beam Details



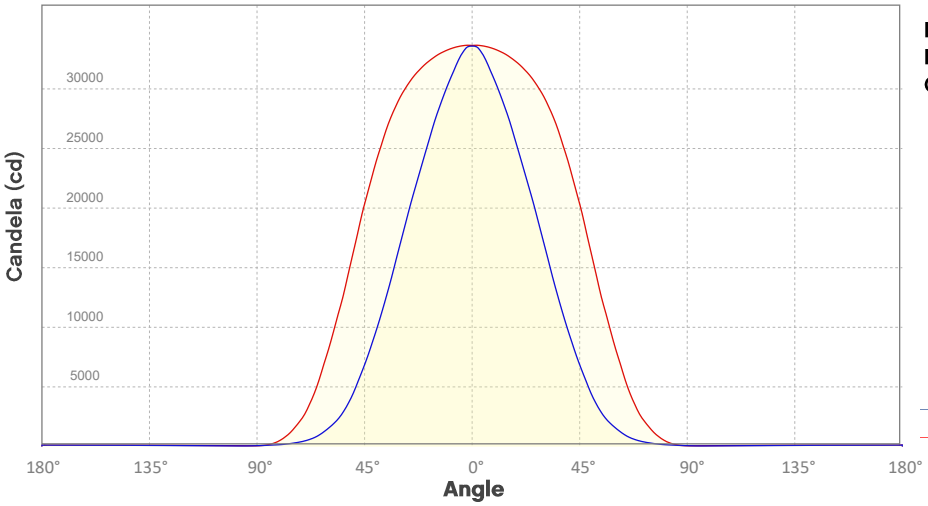
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	33608	8402	3734	2101	1344	934	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	3122	781	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

Photometric Report

COLOR Strike M: Full Power Wash - Beam Only

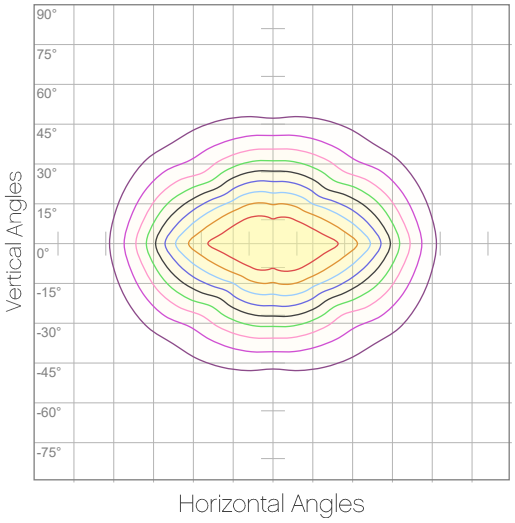
Candela Plot



Beam Angle (50%): 72.3°
Field Angle (10%): 120°
Cutoff Angle (3%): 144.8°

Horizontal Distribution
Vertical Distribution

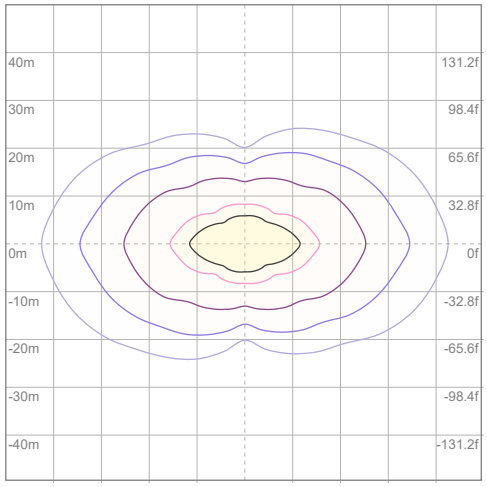
Polar Diagrams



iso-candela Diagram

10%	3361 cd
20%	6722 cd
30%	10083 cd
40%	13443 cd
50%	16804 cd
60%	20165 cd
70%	23526 cd
80%	26887 cd
90%	30248 cd

Conditions:
Number of c-planes: 8
Candela at center: 33608 cd



iso-illuminance Diagram

3%	10.1 lx
5%	16.8 lx
10%	33.6 lx
30%	101 lx
50%	168 lx

Conditions:
Number of c-planes: 8
Lux at center: 336 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Photometric Report

COLOR Strike M: Full Power Wash - Combined Beam & Plate

Report Summary

Output

Total Lumens: 47844 lm
Peak Intensity: 28243 cd
Illuminance @ 5m: 1121 lux
Fixture Efficacy: 60 lm/W

Optical

Horizontal Beam Angle (50%): 98.4°
Vertical Beam Angle (50%): 66.9°
Horizontal Field Angle (10%): 141.6°
Vertical Field Angle (10%): 121.3°
Horizontal Cutoff Angle (3%): 160.5°
Vertical Cutoff Angle (3%): 155.9°

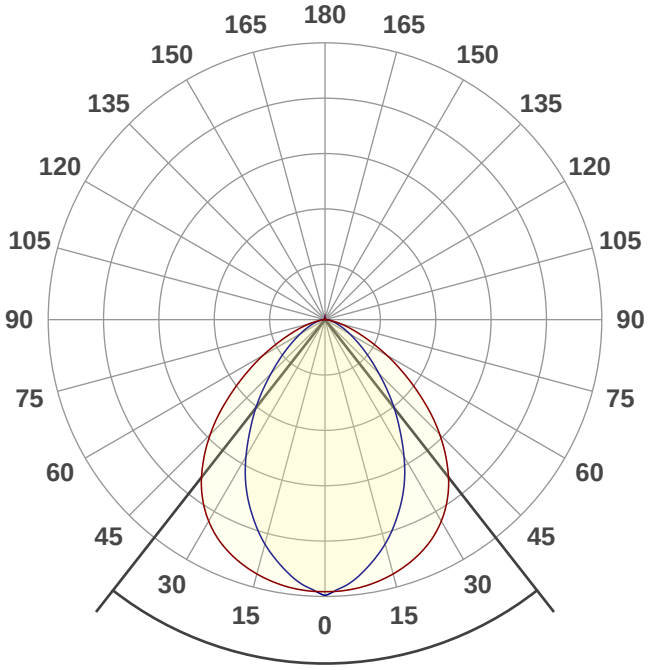
Conditions

AC Supply: 114 V, 60 Hz
Power: 801.21 W
Current: 7.03 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 Sunrise, FL on 7/26/2021 to LM-63-2002 Standards.

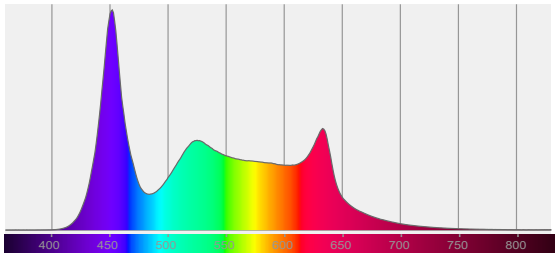
Overall Measurement

Angular Beam Distribution

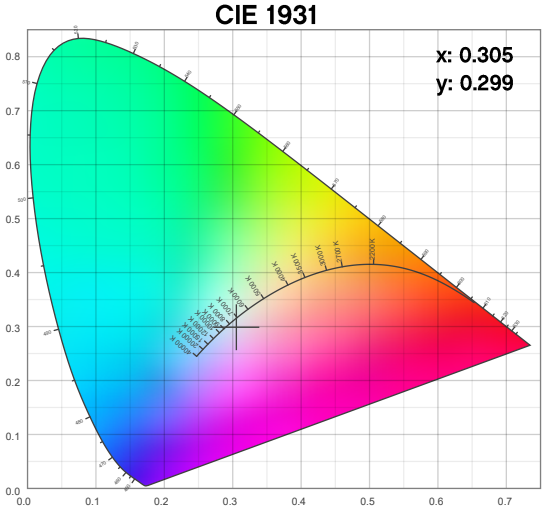


Beam Angle 76.1°

Spectral Distribution



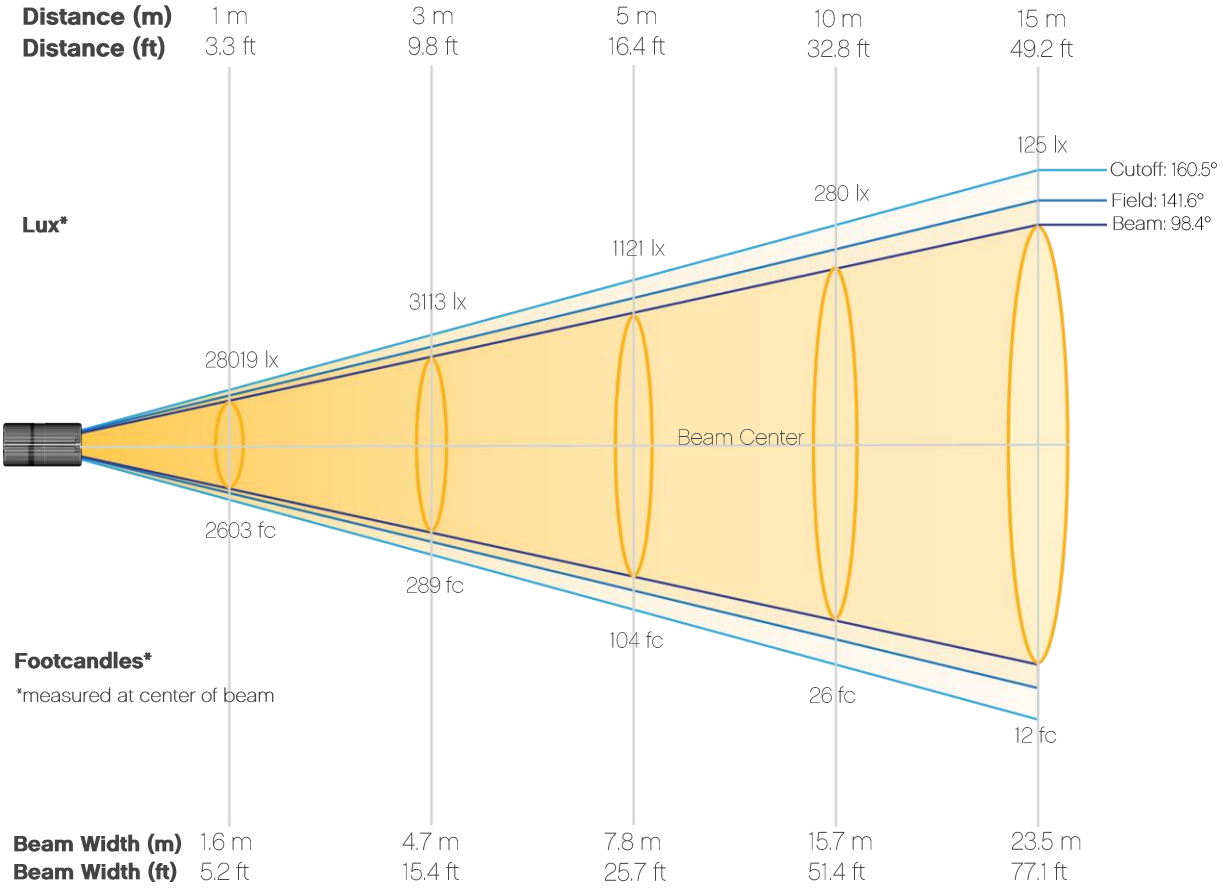
CIE 1931



Photometric Report

COLOR Strike M: Full Power Wash - Combined Beam & Plate

Beam Details



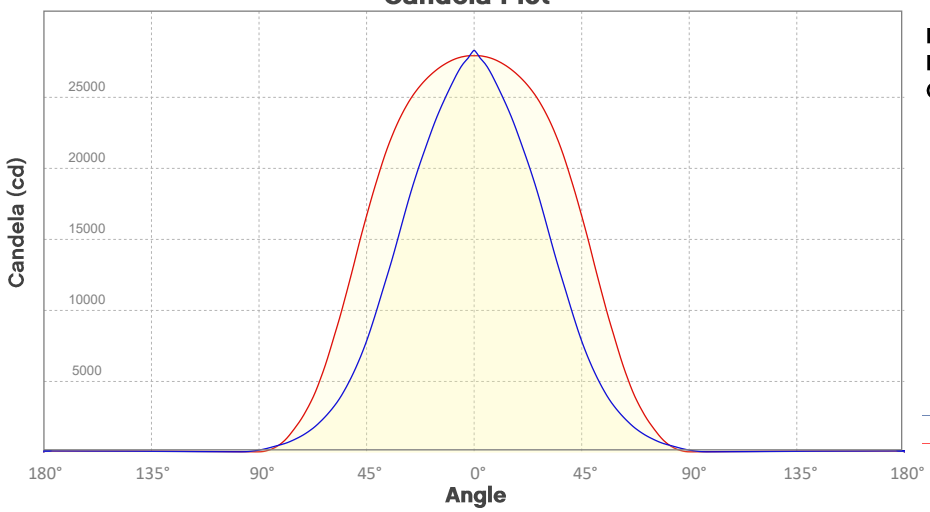
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	28019	7005	3113	1751	1121	778	572	438	346	280
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	232	195	166	143	125	109	97	86	78	70
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2603	651	289	163	104	72	53	41	32	26
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	22	18	15	13	12	10	9	8	7	7

Photometric Report

COLOR Strike M: Full Power Wash - Combined Beam & Plate

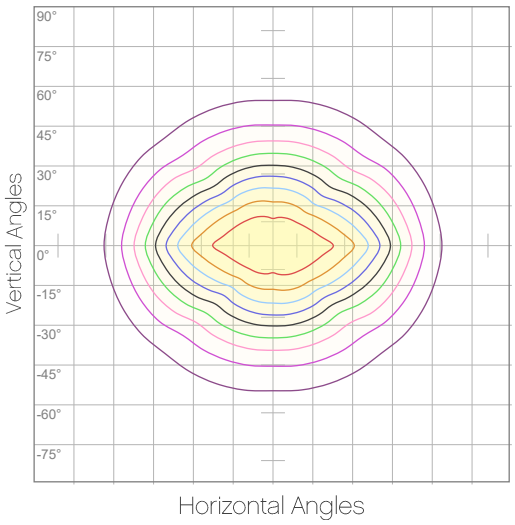
Candela Plot



Beam Angle (50%): 76.1°
Field Angle (10%): 129.7°
Cutoff Angle (3%): 157.7°

Horizontal Distribution
Vertical Distribution

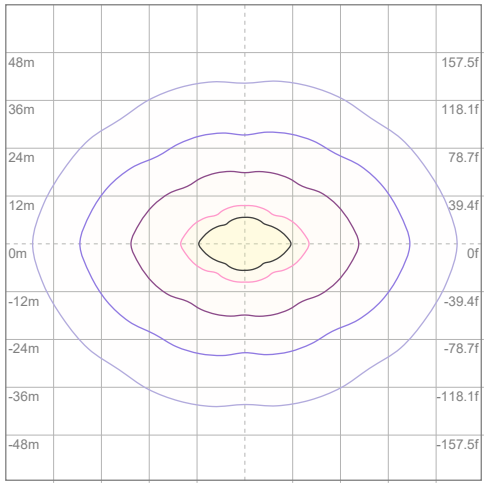
Polar Diagrams



iso-candela Diagram

10%	2802 cd
20%	5604 cd
30%	8406 cd
40%	11208 cd
50%	14009 cd
60%	16811 cd
70%	19613 cd
80%	22415 cd
90%	25217 cd

Conditions:
Number of c-planes: 8
Candela at center: 28019 cd



iso-illuminance Diagram

3%	8.41 lx
5%	14.0 lx
10%	28.0 lx
30%	84.1 lx
50%	140 lx

Conditions:
Number of c-planes: 8
Lux at center: 280 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters / 33 feet

Contact Us

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