PHOTOMETRICS REPORT

MAVERICK

MK PYXIS

CHAUVET PROFESSIONAL

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 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

Maverick Pyxis: Full Flood, Full Power

Report Summary

Output

Total Lumens: 3941 lm
Peak Intensity: 291724 cd
Illuminance @ 5m: 11669 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 2.4°
Vertical Beam Angle (50%): 2.4°
Horizontal Field Angle (10%): 4.5°
Vertical Field Angle (10%): 4.5°
Horizontal Cutoff Angle (3%): 26.1°
Vertical Cutoff Angle (3%): 26.1°

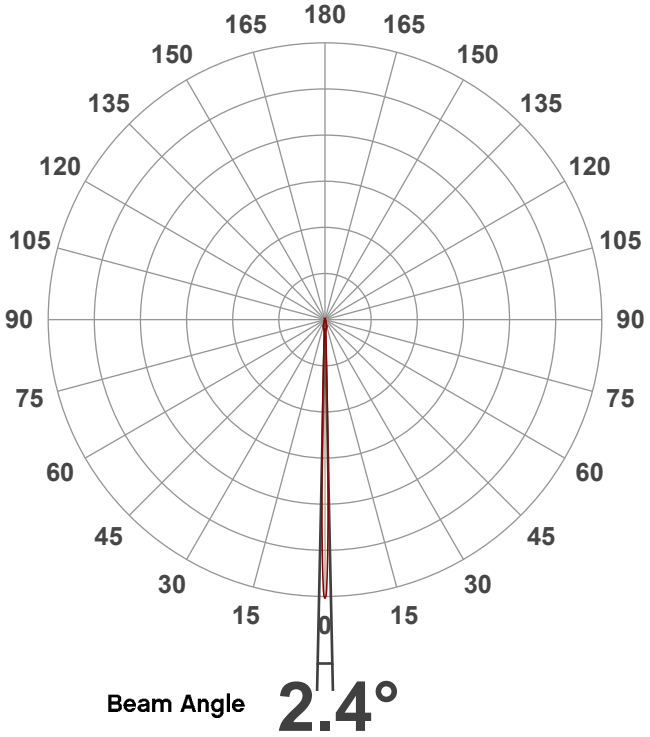
Conditions

AC Supply: 115 V, 60.1 Hz
Power: 280.64 W
Current: 2.43 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 9/18/2019 to LM-63-2002 Standards.

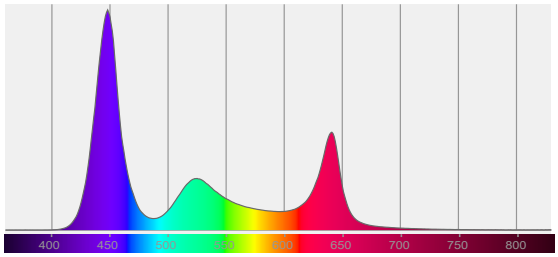
Overall Measurement

Angular Beam Distribution

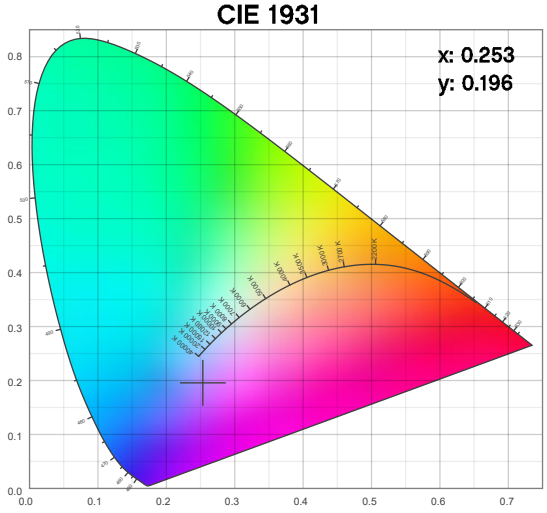


Beam Angle **2.4°**

Spectral Distribution



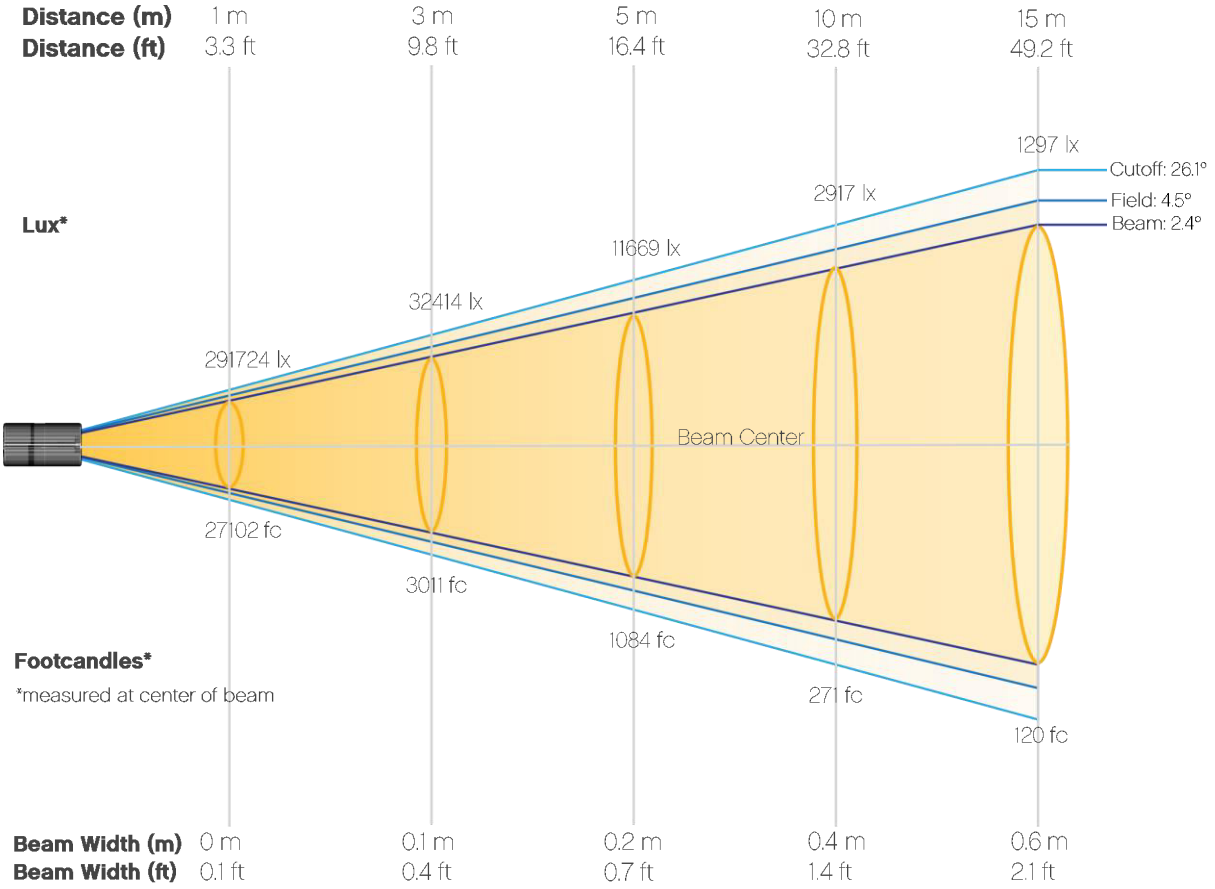
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, Full Power

Beam Details



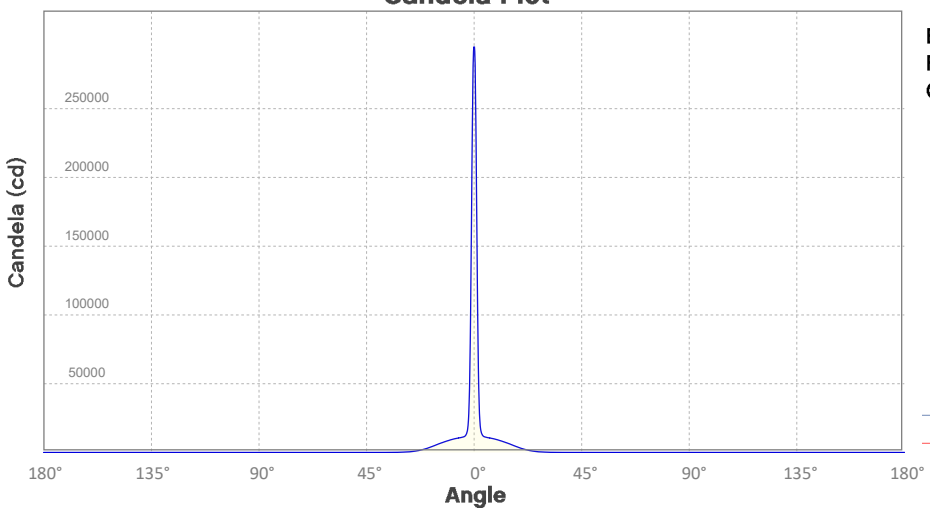
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	291724	72931	32414	18233	11669	8103	5954	4558	3602	2917
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2411	2026	1726	1488	1297	1140	1009	900	808	729
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	27102	6776	3011	1694	1084	753	553	423	335	271
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	224	188	160	138	120	106	94	84	75	68

Photometric Report

Maverick Pyxis: Full Flood, Full Power

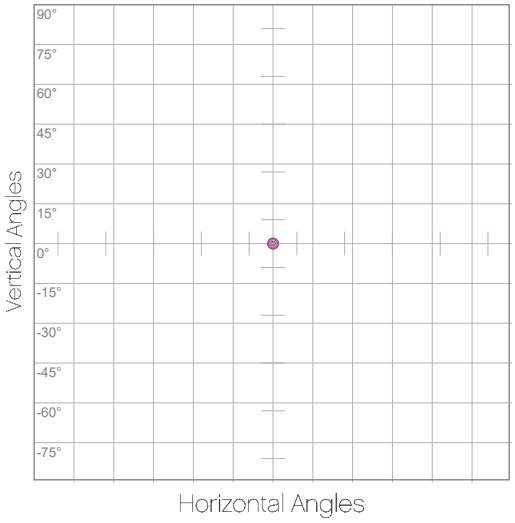
Candela Plot



Beam Angle (50%): 2.4°
Field Angle (10%): 4.5°
Cutoff Angle (3%): 26.1°

Horizontal Distribution
Vertical Distribution

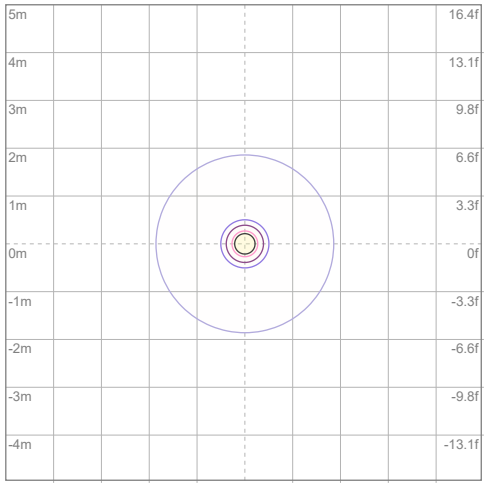
Polar Diagrams



iso-candela Diagram

10%	29172 cd
20%	58345 cd
30%	87517 cd
40%	116690 cd
50%	145862 cd
60%	175035 cd
70%	204207 cd
80%	233379 cd
90%	262552 cd

Conditions:
Number of c-planes: 2
Candela at center: 291724 cd



iso-illuminance Diagram

3%	87.5 lx
5%	146 lx
10%	292 lx
30%	875 lx
50%	1459 lx

Conditions:
Number of c-planes: 2
Lux at center: 2917 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Flood, Red Only

Report Summary

Output

Total Lumens: 727 lm
Peak Intensity: 43390 cd
Illuminance @ 5m: 1736 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 2.4°
Vertical Beam Angle (50%): 2.4°
Horizontal Field Angle (10%): 4.5°
Vertical Field Angle (10%): 4.5°
Horizontal Cutoff Angle (3%): 30.1°
Vertical Cutoff Angle (3%): 30.1°

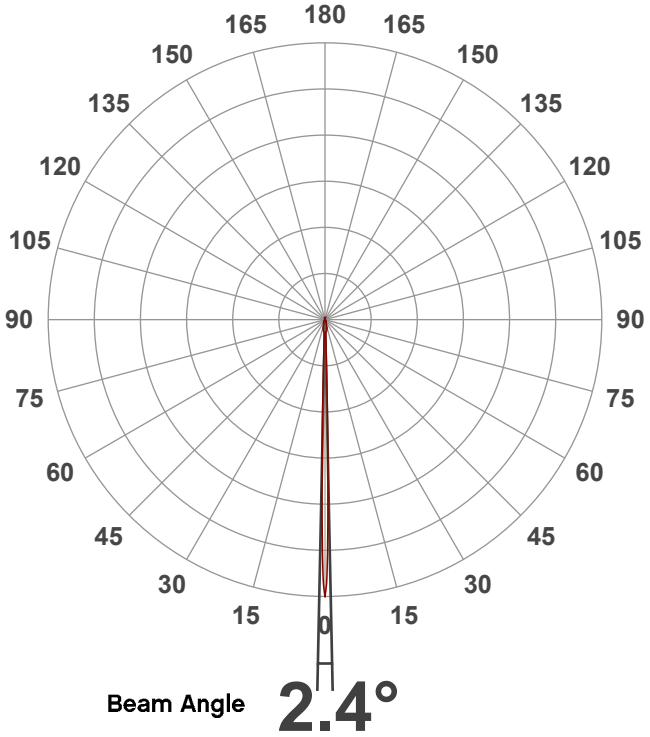
Conditions

AC Supply: 117 V, 60 Hz
Power: 112.28 W
Current: 0.962 A
Power Factor: 0.98

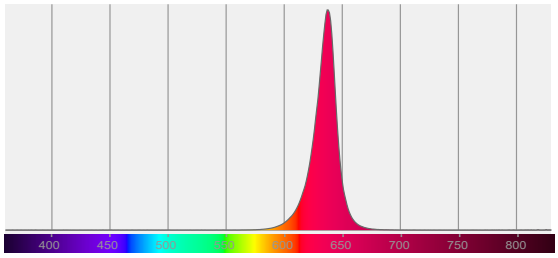
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

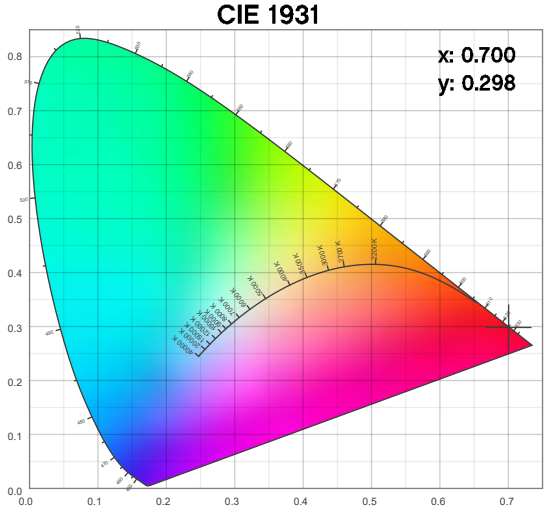
Angular Beam Distribution



Spectral Distribution



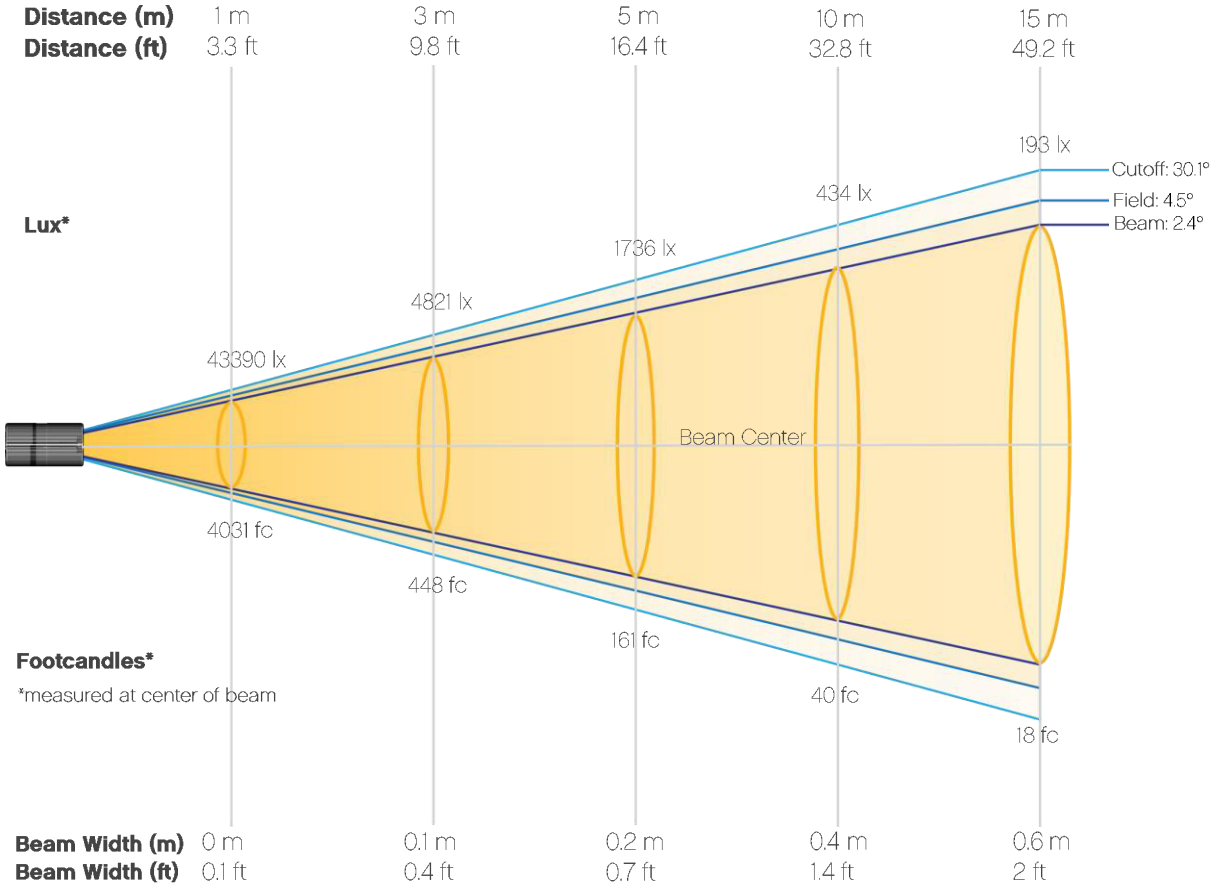
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, Red Only

Beam Details

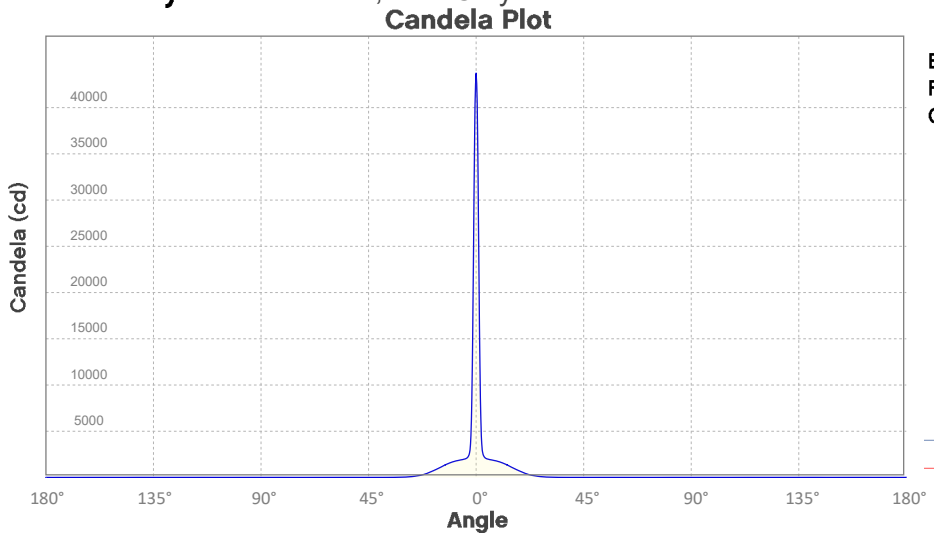


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	43390	10847	4821	2712	1736	1205	886	678	536	434
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	359	301	257	221	193	169	150	134	120	108
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4031	1008	448	252	161	112	82	63	50	40
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	33	28	24	21	18	16	14	12	11	10

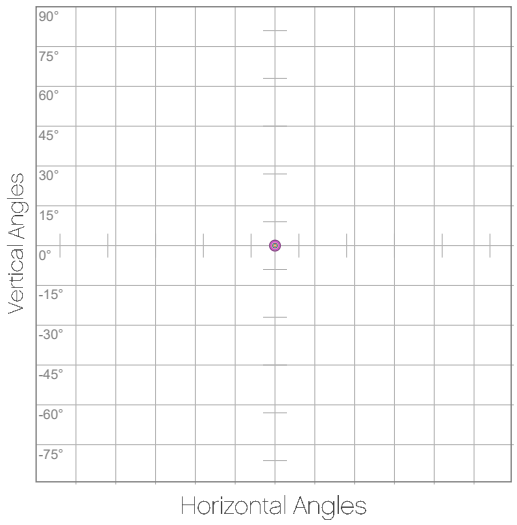
Photometric Report

Maverick Pyxis: Full Flood, Red Only



Beam Angle (50%): 2.4°
Field Angle (10%): 4.5°
Cutoff Angle (3%): 30.1°

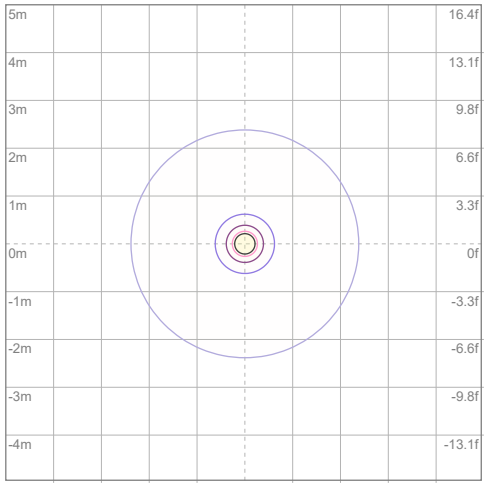
Polar Diagrams



iso-candela Diagram

10%	4339 cd
20%	8678 cd
30%	13017 cd
40%	17356 cd
50%	21695 cd
60%	26034 cd
70%	30373 cd
80%	34712 cd
90%	39051 cd

Conditions:
Number of c-planes: 2
Candela at center: 43390 cd



iso-illuminance Diagram

3%	13.0 lx
5%	21.7 lx
10%	43.4 lx
30%	130 lx
50%	217 lx

Conditions:
Number of c-planes: 2
Lux at center: 434 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Flood, Green Only

Report Summary

Output

Total Lumens: 3941 lm
Peak Intensity: 291724 cd
Illuminance @ 5m: 11669 lux
Fixture Efficacy: 14 lm/W

Optical

Horizontal Beam Angle (50%): 2.4°
Vertical Beam Angle (50%): 2.4°
Horizontal Field Angle (10%): 4.5°
Vertical Field Angle (10%): 4.5°
Horizontal Cutoff Angle (3%): 26.1°
Vertical Cutoff Angle (3%): 26.1°

Conditions

AC Supply: 115 V, 60.1 Hz
Power: 280.64 W
Current: 2.43 A
Power Factor: 0.99

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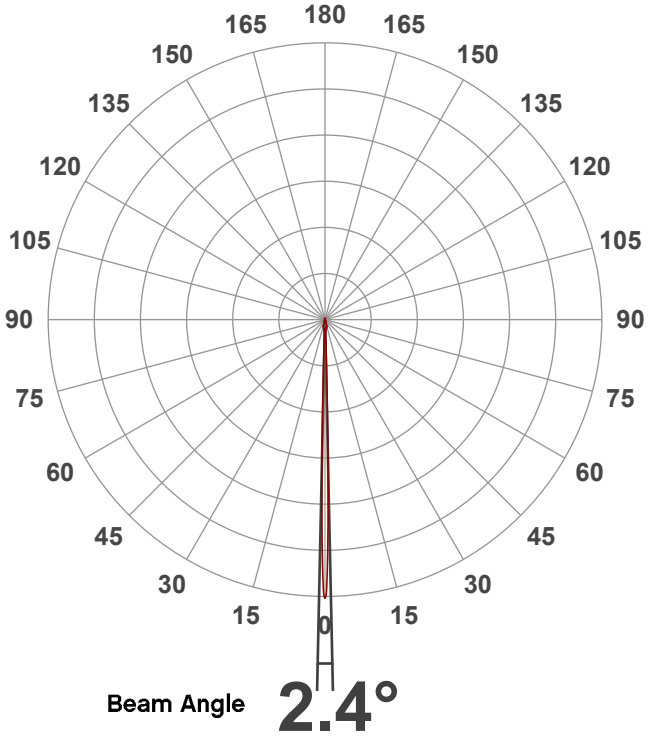
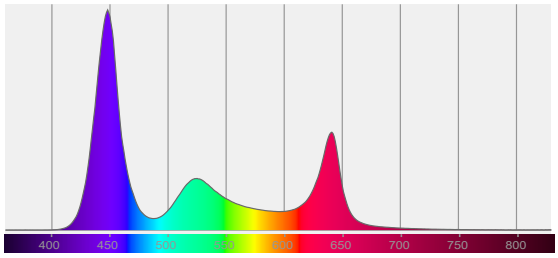
Overall Measurement

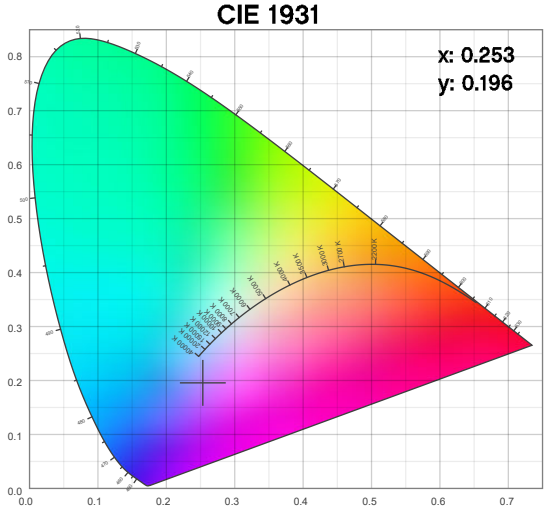
Angular Beam Distribution



Spectral Distribution



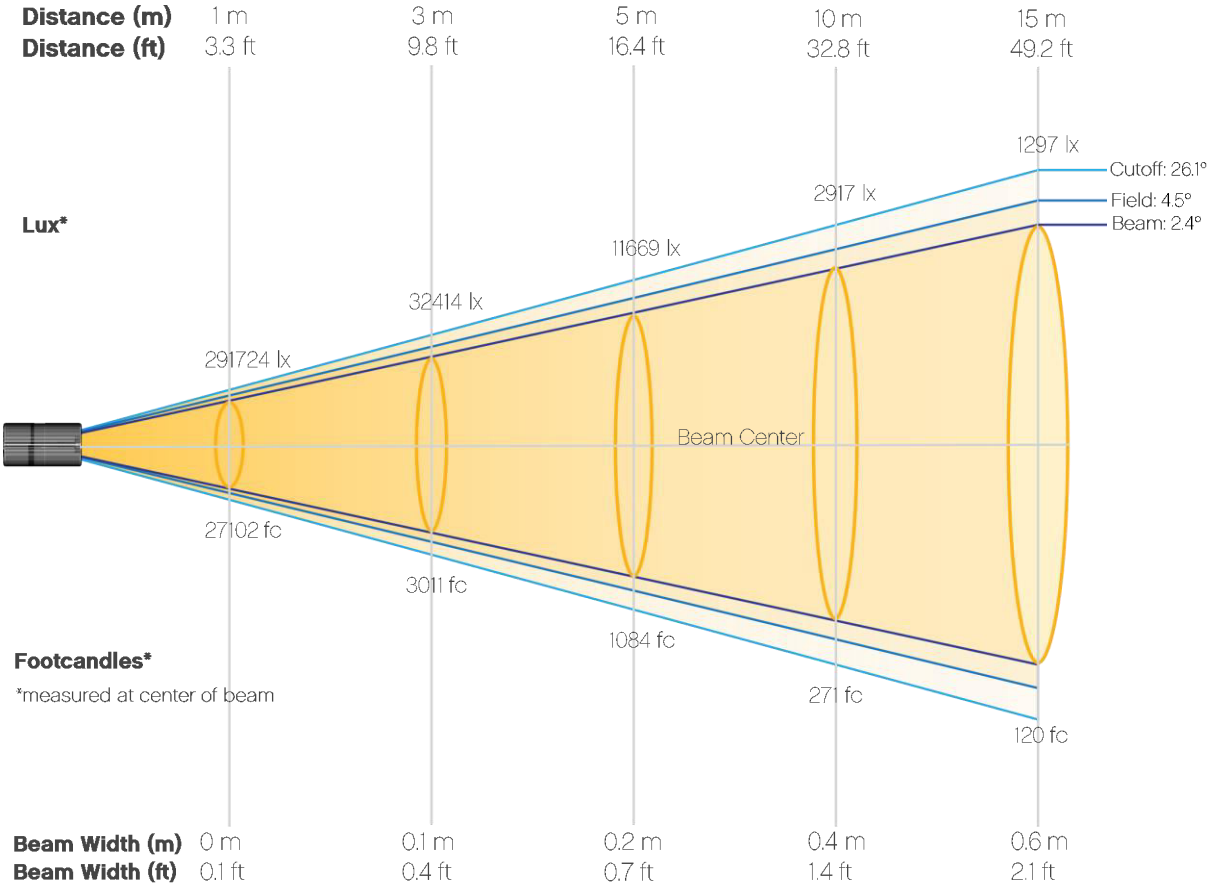
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, Green Only

Beam Details



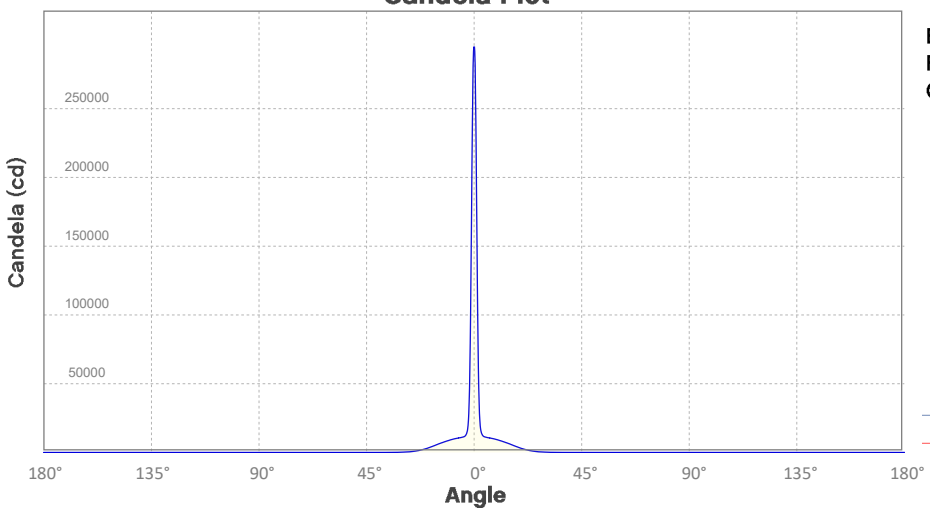
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	291724	72931	32414	18233	11669	8103	5954	4558	3602	2917
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2411	2026	1726	1488	1297	1140	1009	900	808	729
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	27102	6776	3011	1694	1084	753	553	423	335	271
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	224	188	160	138	120	106	94	84	75	68

Photometric Report

Maverick Pyxis: Full Flood, Green Only

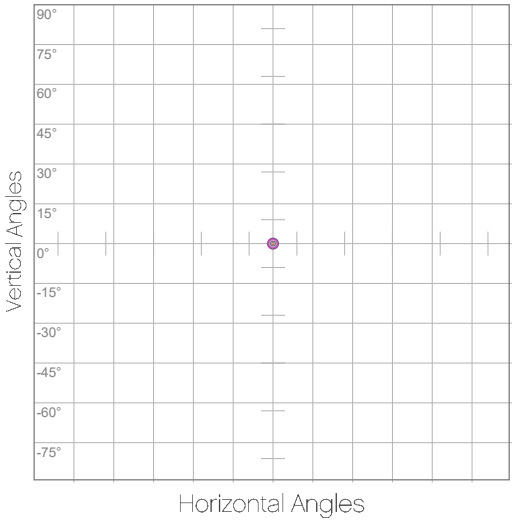
Candela Plot



Beam Angle (50%): 2.4°
Field Angle (10%): 4.5°
Cutoff Angle (3%): 26.1°

Horizontal Distribution
Vertical Distribution

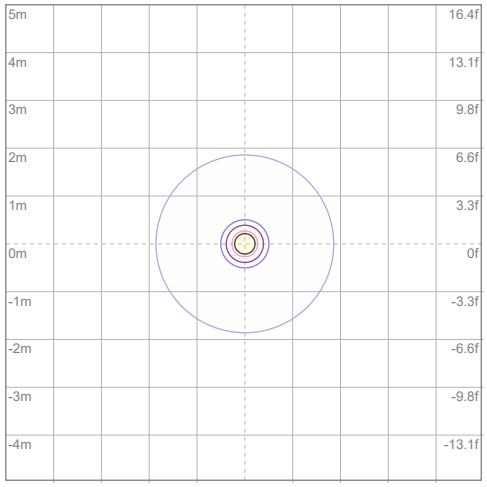
Polar Diagrams



iso-candela Diagram

10%	29172 cd
20%	58345 cd
30%	87517 cd
40%	116690 cd
50%	145862 cd
60%	175035 cd
70%	204207 cd
80%	233379 cd
90%	262552 cd

Conditions:
Number of c-planes: 2
Candela at center: 291724 cd



iso-illuminance Diagram

3%	87.5 lx
5%	146 lx
10%	292 lx
30%	875 lx
50%	1459 lx

Conditions:
Number of c-planes: 2
Lux at center: 2917 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Flood, Blue Only

Report Summary

Output

Total Lumens: 2935 lm
Peak Intensity: 20172 cd
Illuminance @ 5m: 807 lux
Fixture Efficacy: 24 lm/W

Optical

Horizontal Beam Angle (50%): 2.5°
Vertical Beam Angle (50%): 2.5°
Horizontal Field Angle (10%): 4.7°
Vertical Field Angle (10%): 4.7°
Horizontal Cutoff Angle (3%): 39°
Vertical Cutoff Angle (3%): 39°

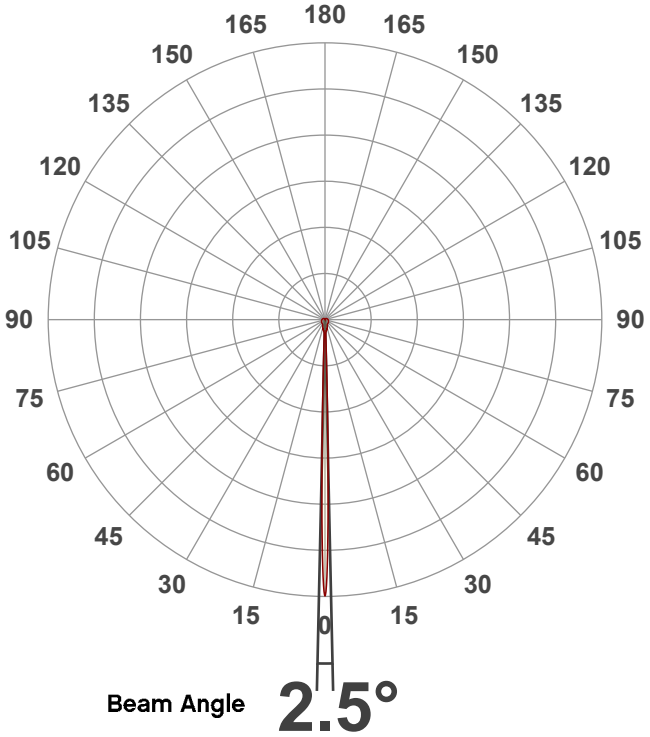
Conditions

AC Supply: 116 V, 60.1 Hz
Power: 123.94 W
Current: 1.07 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 9/18/2019 to LM-63-2002 Standards.

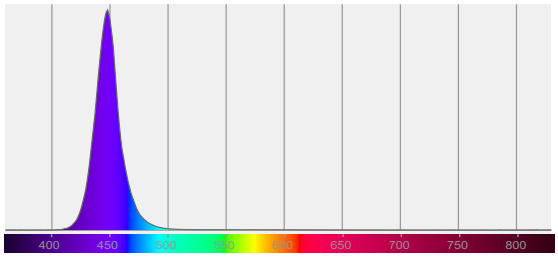
Overall Measurement

Angular Beam Distribution

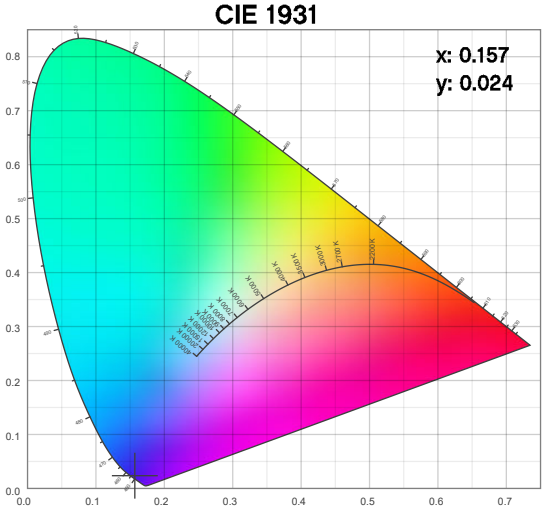


Beam Angle **2.5°**

Spectral Distribution



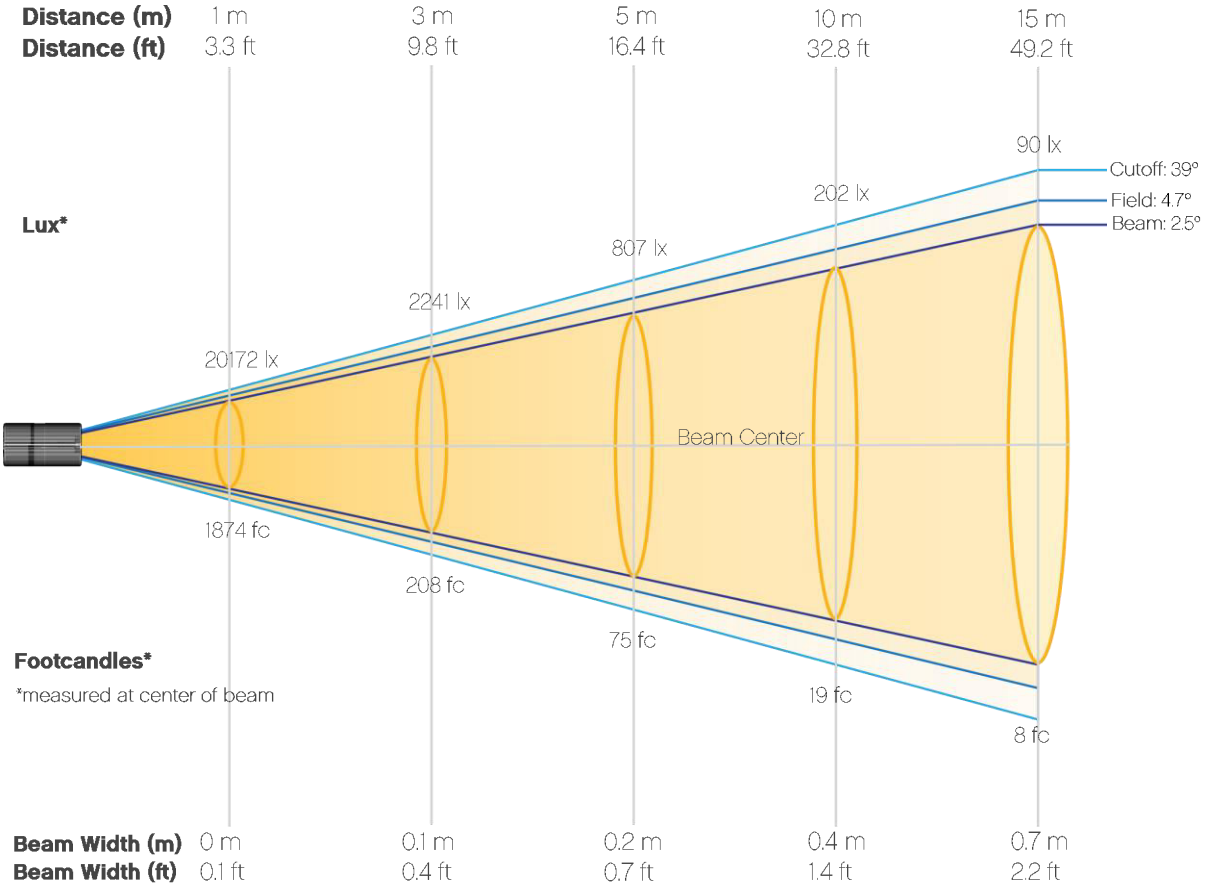
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, Blue Only

Beam Details



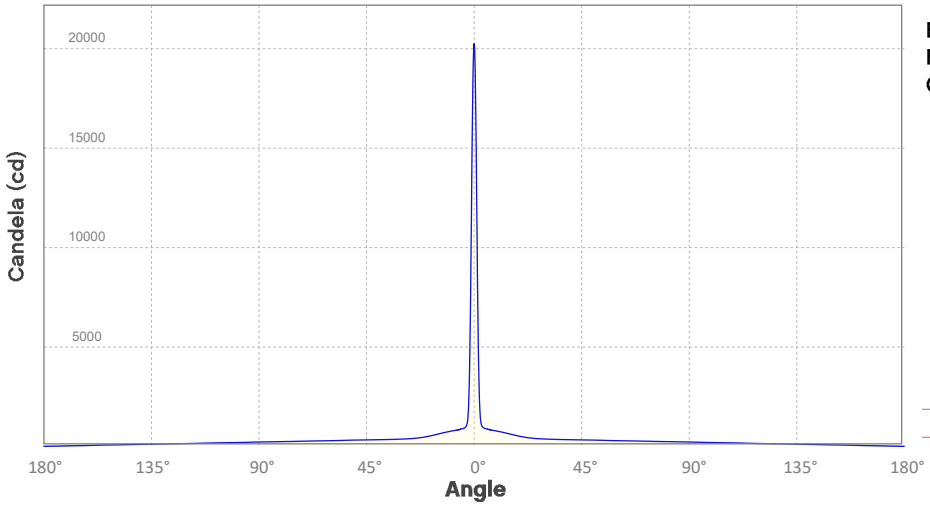
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20172	5043	2241	1261	807	560	412	315	249	202
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	167	140	119	103	90	79	70	62	56	50
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1874	469	208	117	75	52	38	29	23	19
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	15	13	11	10	8	7	6	6	5	5

Photometric Report

Maverick Pyxis: Full Flood, Blue Only

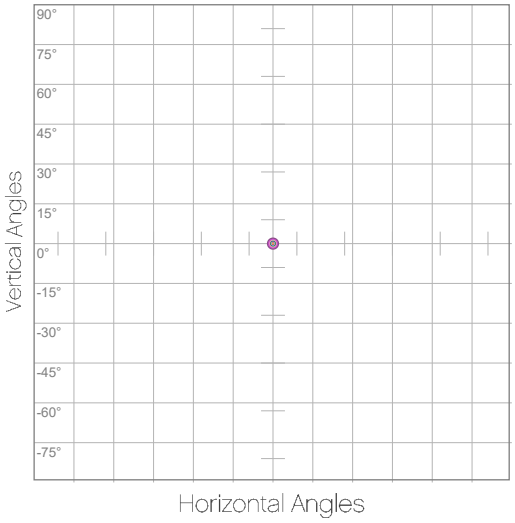
Candela Plot



Beam Angle (50%): 2.5°
Field Angle (10%): 4.7°
Cutoff Angle (3%): 39°

Horizontal Distribution
Vertical Distribution

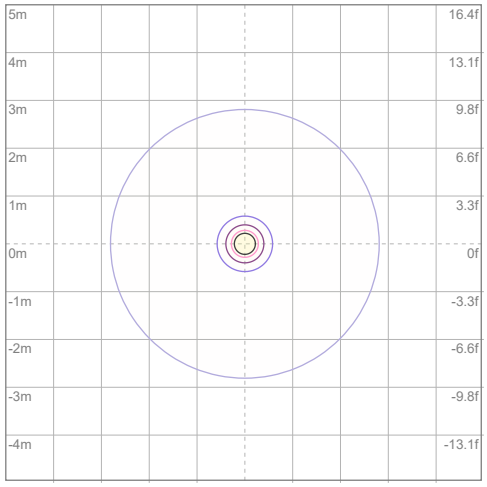
Polar Diagrams



iso-candela Diagram

10%	2017 cd
20%	4034 cd
30%	6052 cd
40%	8069 cd
50%	10086 cd
60%	12103 cd
70%	14120 cd
80%	16138 cd
90%	18155 cd

Conditions:
Number of c-planes: 2
Candela at center: 20172 cd



iso-illuminance Diagram

3%	6.05 lx
5%	10.1 lx
10%	20.2 lx
30%	60.5 lx
50%	101 lx

Conditions:
Number of c-planes: 2
Lux at center: 202 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Flood, White Only

Report Summary

Output

Total Lumens: 1908 lm
Peak Intensity: 162880 cd
Illuminance @ 5m: 6515 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 2.3°
Vertical Beam Angle (50%): 2.3°
Horizontal Field Angle (10%): 4.3°
Vertical Field Angle (10%): 4.3°
Horizontal Cutoff Angle (3%): 21.3°
Vertical Cutoff Angle (3%): 21.3°

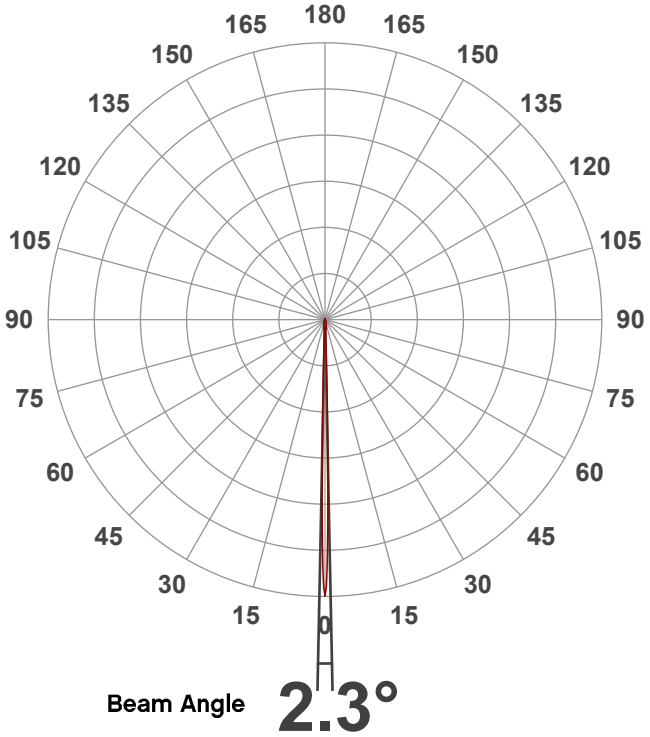
Conditions

AC Supply: 116 V, 60.1 Hz
Power: 123.88 W
Current: 1.07 A
Power Factor: 0.98

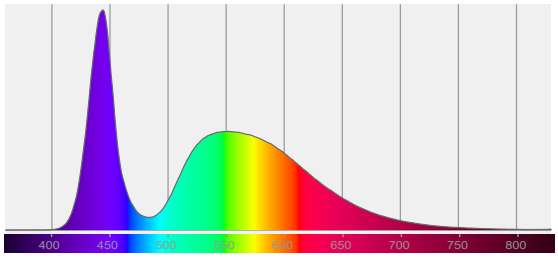
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

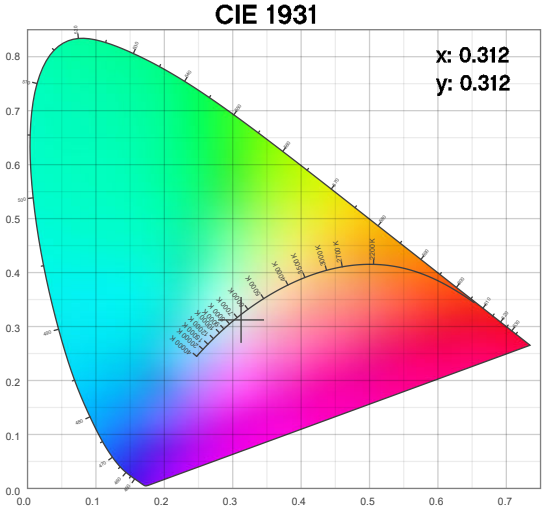
Angular Beam Distribution



Spectral Distribution



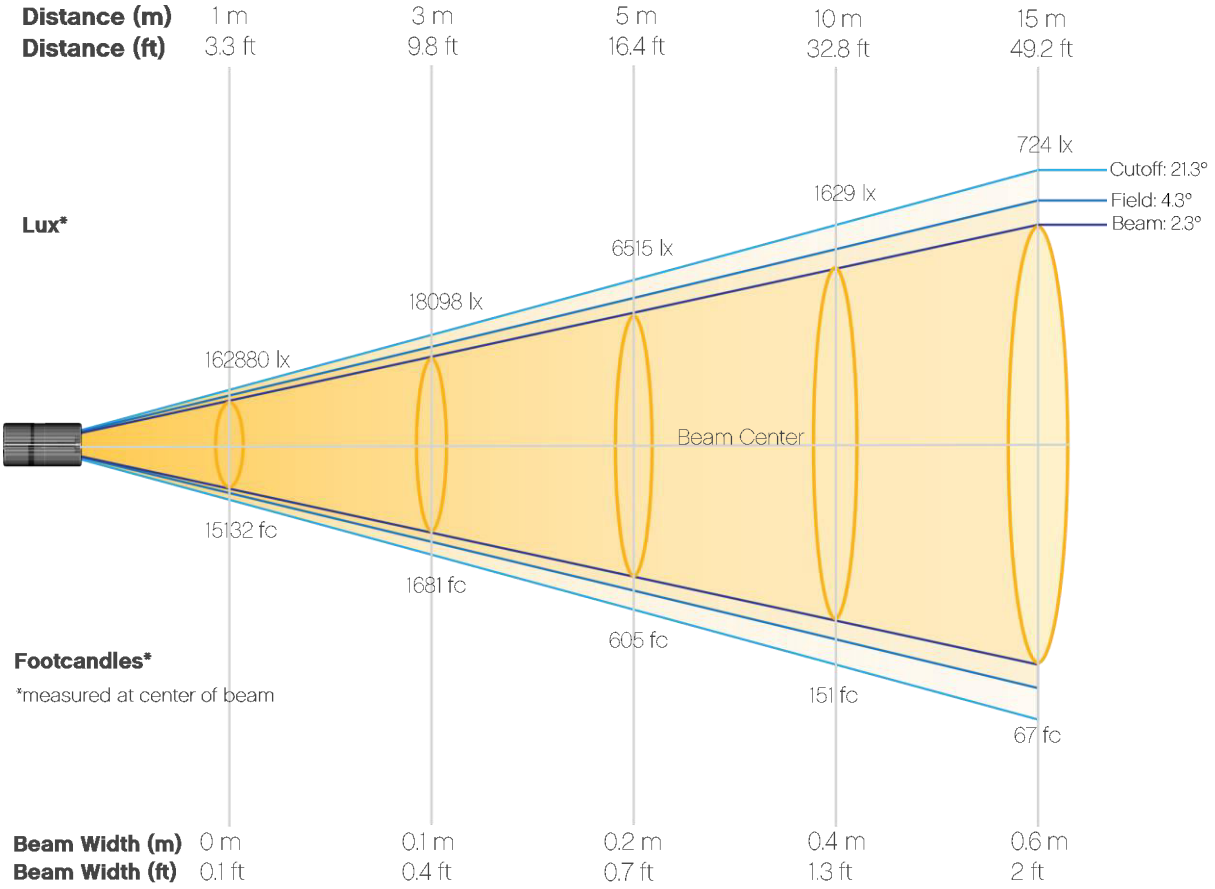
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, White Only

Beam Details



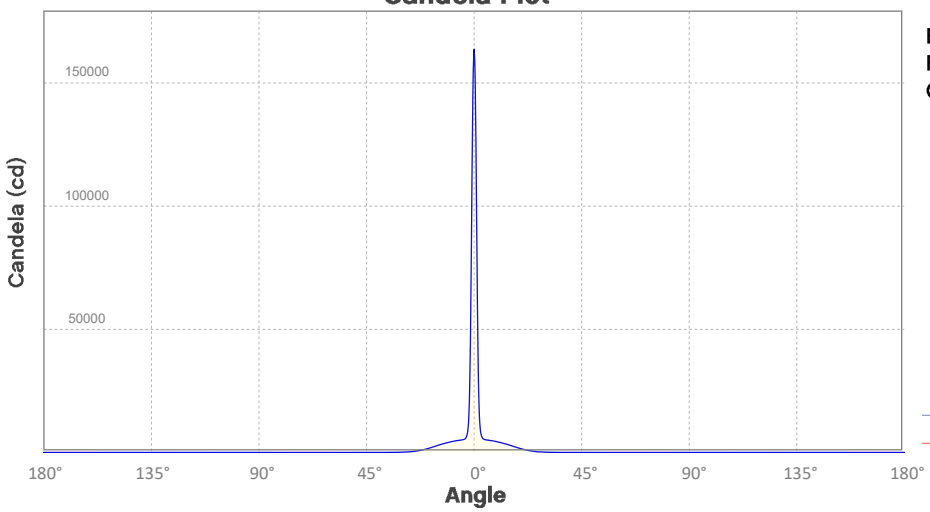
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	162880	40720	18098	10180	6515	4524	3324	2545	2011	1629
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1346	1131	964	831	724	636	564	503	451	407
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	15132	3783	1681	946	605	420	309	236	187	151
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	125	105	90	77	67	59	52	47	42	38

Photometric Report

Maverick Pyxis: Full Flood, White Only

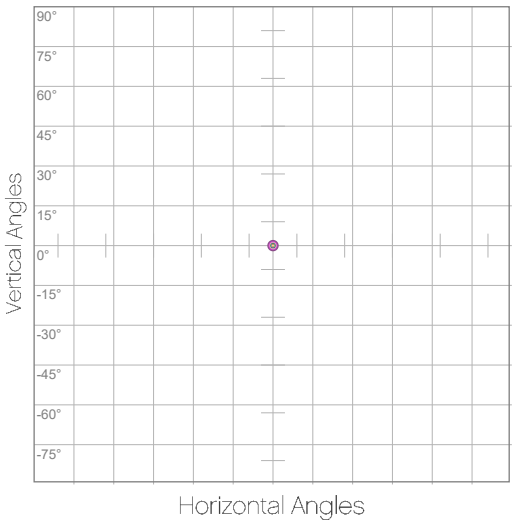
Candela Plot



Beam Angle (50%): 2.3°
Field Angle (10%): 4.3°
Cutoff Angle (3%): 21.3°

Horizontal Distribution
Vertical Distribution

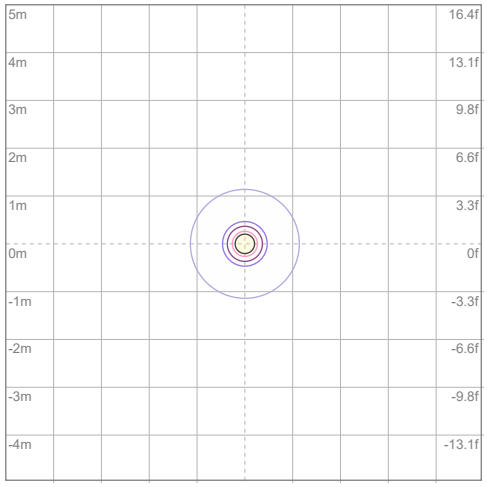
Polar Diagrams



iso-candela Diagram

10%	16288 cd
20%	32576 cd
30%	48864 cd
40%	65152 cd
50%	81440 cd
60%	97728 cd
70%	114016 cd
80%	130304 cd
90%	146592 cd

Conditions:
Number of c-planes: 2
Candela at center: 162880 cd



iso-illuminance Diagram

3%	48.9 lx
5%	81.4 lx
10%	163 lx
30%	489 lx
50%	814 lx

Conditions:
Number of c-planes: 2
Lux at center: 1629 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Flood, 7500K

Report Summary

Output

Total Lumens: 3588 lm
Peak Intensity: 249189 cd
Illuminance @ 5m: 9968 lux
Fixture Efficacy: 17 lm/W

Optical

Horizontal Beam Angle (50%): 2.6°
Vertical Beam Angle (50%): 2.6°
Horizontal Field Angle (10%): 4.8°
Vertical Field Angle (10%): 4.8°
Horizontal Cutoff Angle (3%): 27°
Vertical Cutoff Angle (3%): 27°

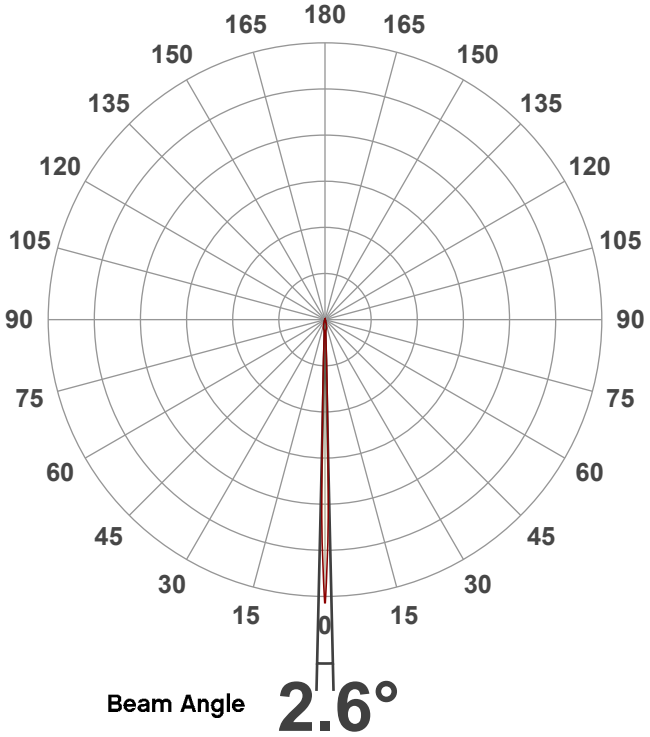
Conditions

AC Supply: 116 V, 60 Hz
Power: 218.87 W
Current: 1.88 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 9/18/2019 to LM-63-2002 Standards.

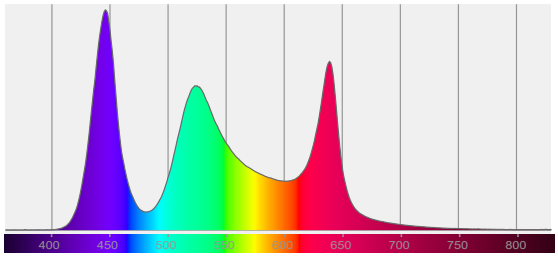
Overall Measurement

Angular Beam Distribution

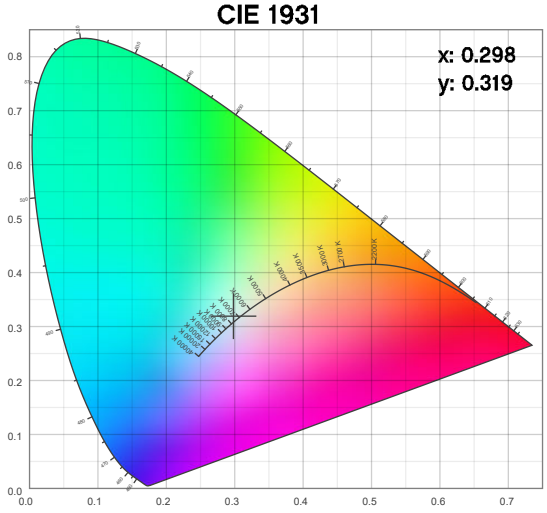


Beam Angle **2.6°**

Spectral Distribution



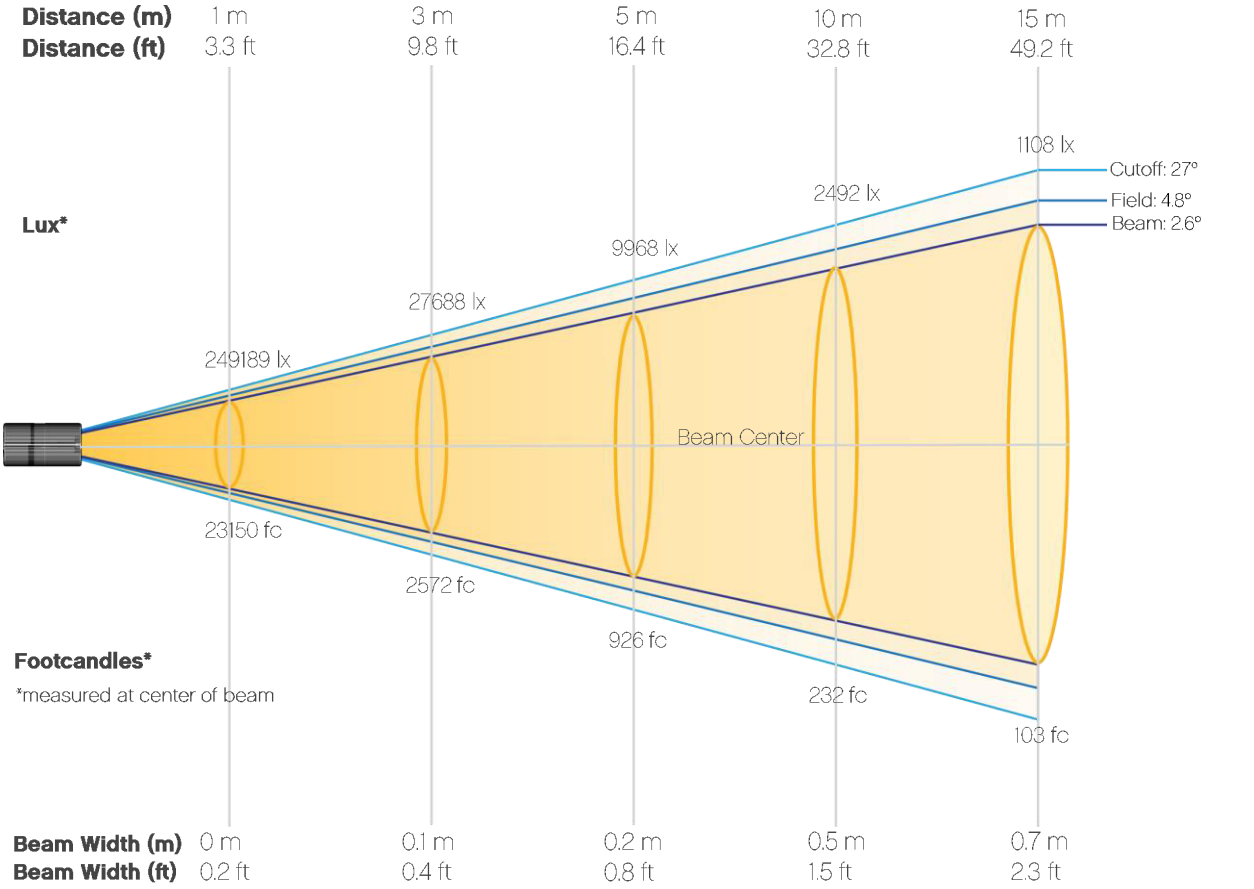
CIE 1931



Photometric Report

Maverick Pyxis: Full Flood, 7500K

Beam Details



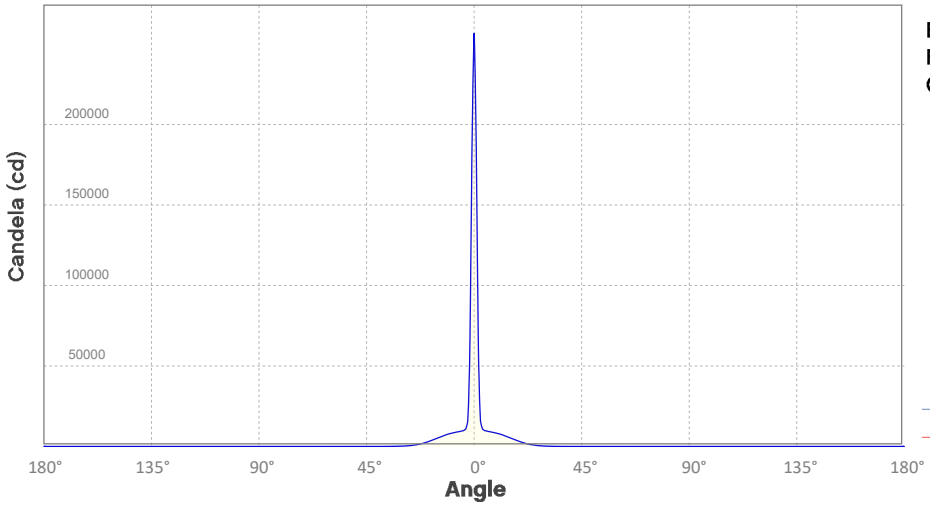
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	249189	62297	27688	15574	9968	6922	5085	3894	3076	2492
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2059	1730	1474	1271	1108	973	862	769	690	623
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	23150	5788	2572	1447	926	643	472	362	286	232
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	191	161	137	118	103	90	80	71	64	58

Photometric Report

Maverick Pyxis: Full Flood, 7500K

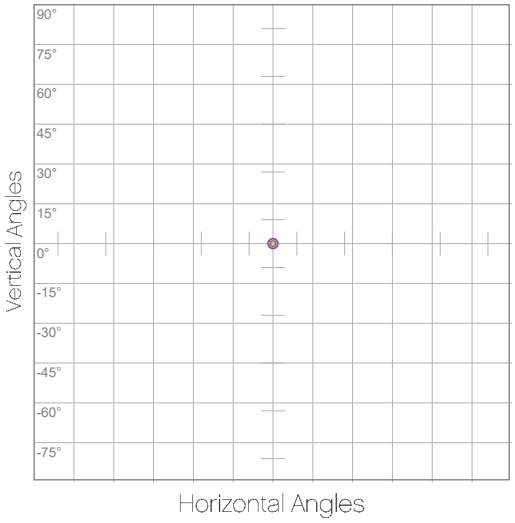
Candela Plot



Beam Angle (50%): 2.6°
Field Angle (10%): 4.8°
Cutoff Angle (3%): 27°

Horizontal Distribution
Vertical Distribution

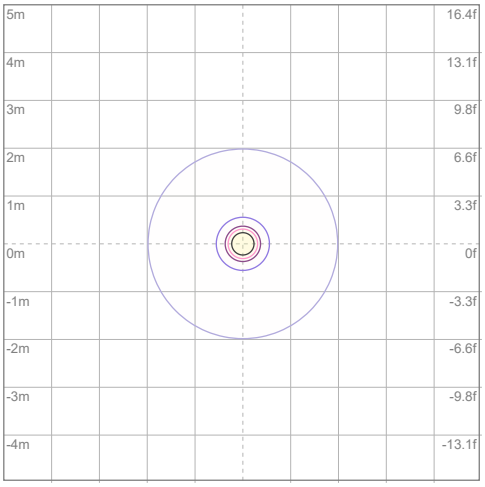
Polar Diagrams



iso-candela Diagram

10%	24919 cd
20%	49838 cd
30%	74757 cd
40%	99676 cd
50%	124595 cd
60%	149513 cd
70%	174432 cd
80%	199351 cd
90%	224270 cd

Conditions:
Number of c-planes: 2
Candela at center: 249189 cd



iso-illuminance Diagram

3%	74.8 lx
5%	125 lx
10%	249 lx
30%	748 lx
50%	1246 lx

Conditions:
Number of c-planes: 2
Lux at center: 2492 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, Full Power

Report Summary

Output

Total Lumens: 2625 lm
Peak Intensity: 281668 cd
Illuminance @ 5m: 11267 lux
Fixture Efficacy: 9 lm/W

Optical

Horizontal Beam Angle (50%): 2.8°
Vertical Beam Angle (50%): 2.8°
Horizontal Field Angle (10%): 6.7°
Vertical Field Angle (10%): 6.7°
Horizontal Cutoff Angle (3%): 8.3°
Vertical Cutoff Angle (3%): 8.3°

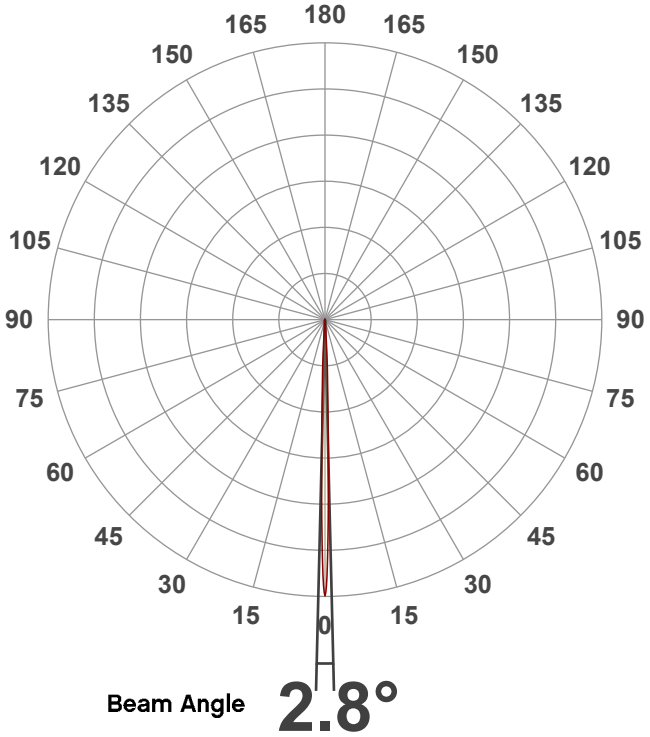
Conditions

AC Supply: 119 V, 60 Hz
Power: 288.3 W
Current: 2.41 A
Power Factor: 0.99

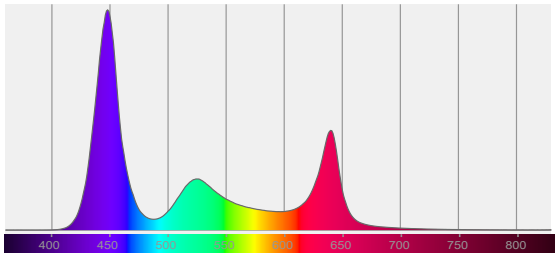
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/30/2020 to LM-63-2002 Standards.

Overall Measurement

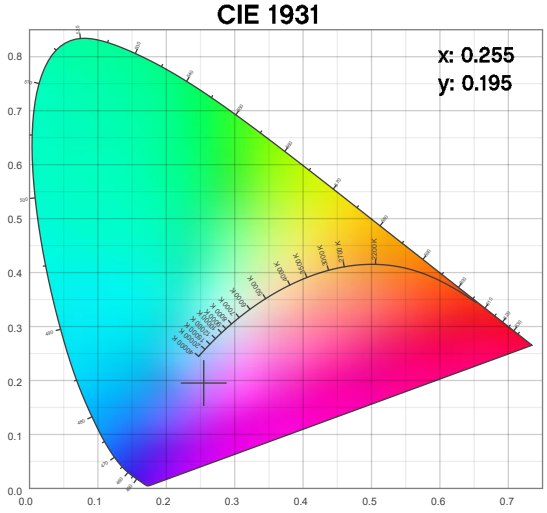
Angular Beam Distribution



Spectral Distribution



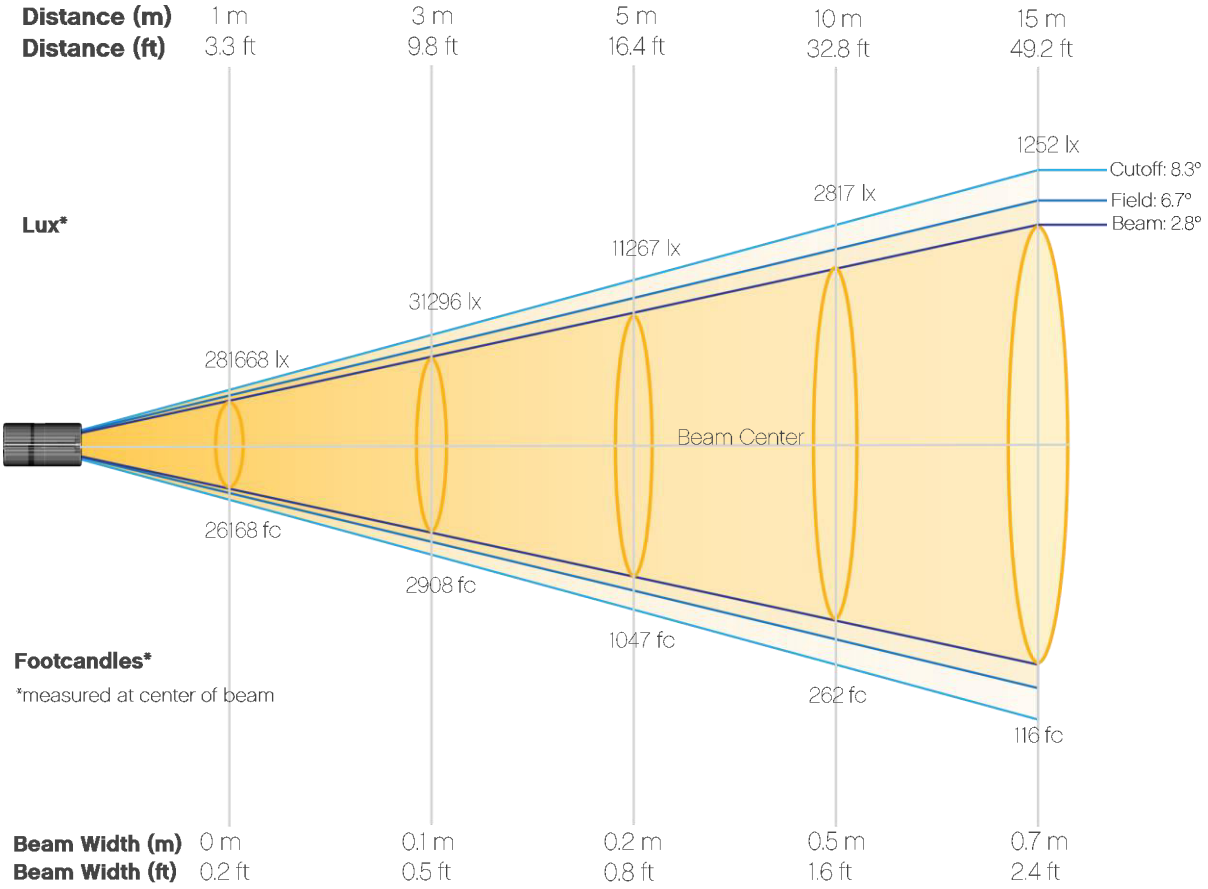
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, Full Power

Beam Details



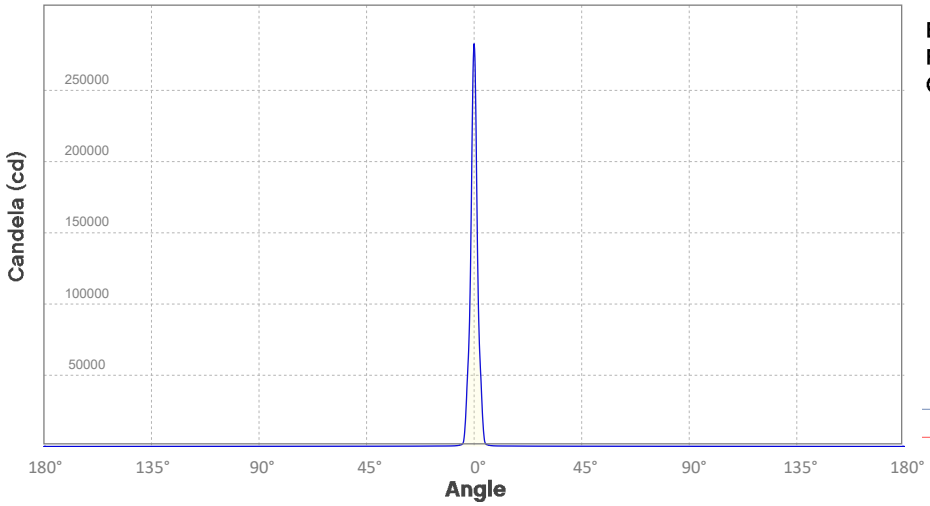
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	281668	70417	31296	17604	11267	7824	5748	4401	3477	2817
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2328	1956	1667	1437	1252	1100	975	869	780	704
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	26168	6542	2908	1635	1047	727	534	409	323	262
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	216	182	155	134	116	102	91	81	72	65

Photometric Report

Maverick Pyxis: Full Spot, Full Power

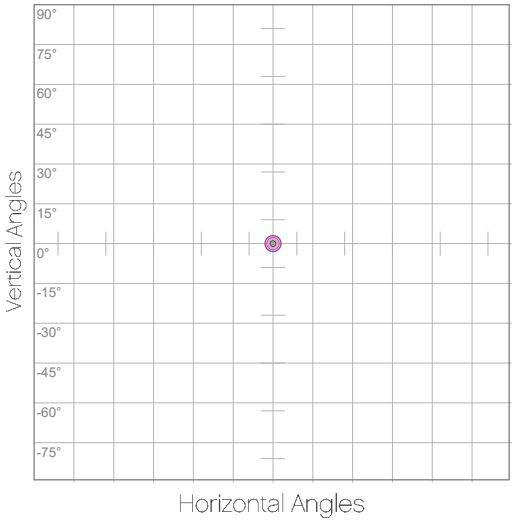
Candela Plot



Beam Angle (50%): 2.8°
Field Angle (10%): 6.7°
Cutoff Angle (3%): 8.3°

Horizontal Distribution
Vertical Distribution

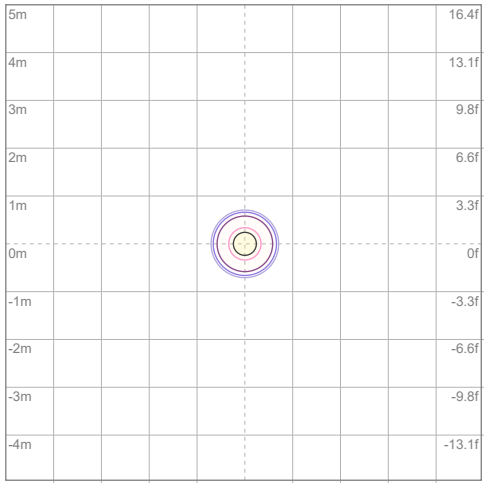
Polar Diagrams



iso-candela Diagram

	10%	28167 cd
	20%	56334 cd
	30%	84500 cd
	40%	112667 cd
	50%	140834 cd
	60%	169001 cd
	70%	197168 cd
	80%	225335 cd
	90%	253501 cd

Conditions:
Number of c-planes: 2
Candela at center: 281668 cd



iso-illuminance Diagram

	3%	84.5 lx
	5%	141 lx
	10%	282 lx
	30%	845 lx
	50%	1408 lx

Conditions:
Number of c-planes: 2
Lux at center: 2817 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, Red Only

Report Summary

Output

Total Lumens: 355 lm
Peak Intensity: 60450 cd
Illuminance @ 5m: 2418 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 2.8°
Vertical Beam Angle (50%): 2.8°
Horizontal Field Angle (10%): 6.4°
Vertical Field Angle (10%): 6.4°
Horizontal Cutoff Angle (3%): 8°
Vertical Cutoff Angle (3%): 8°

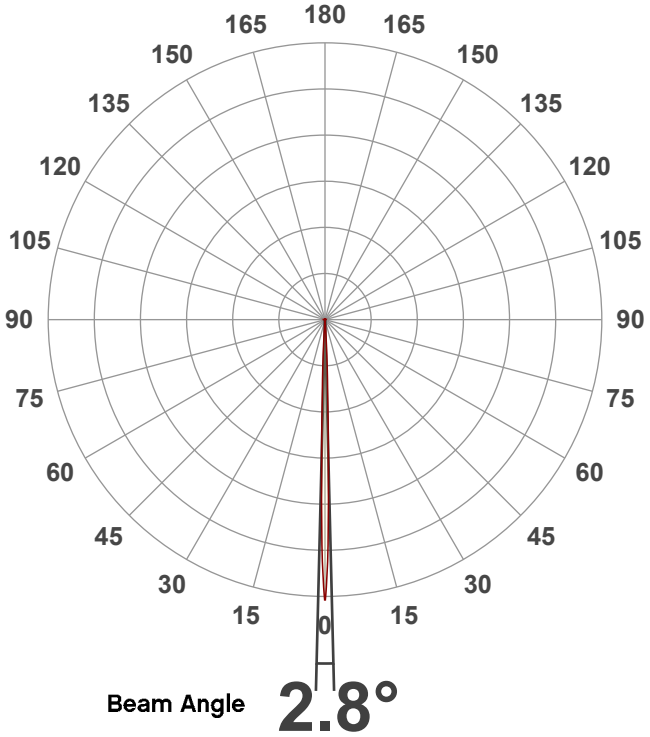
Conditions

AC Supply: 116 V, 60 Hz
Power: 112.53 W
Current: 0.969 A
Power Factor: 0.98

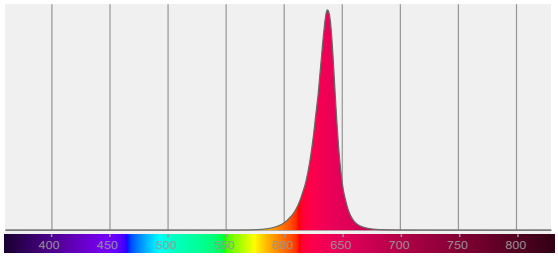
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

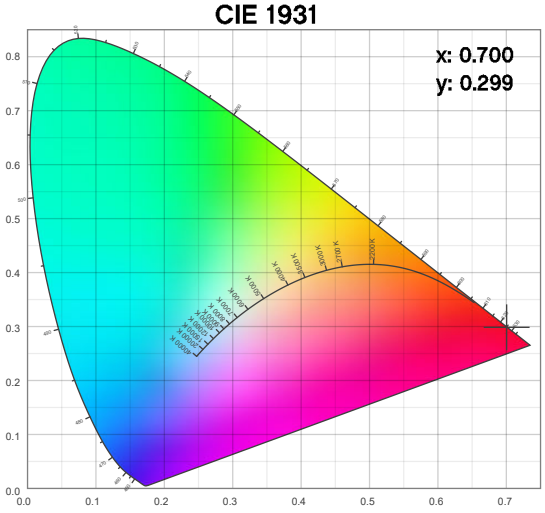
Angular Beam Distribution



Spectral Distribution



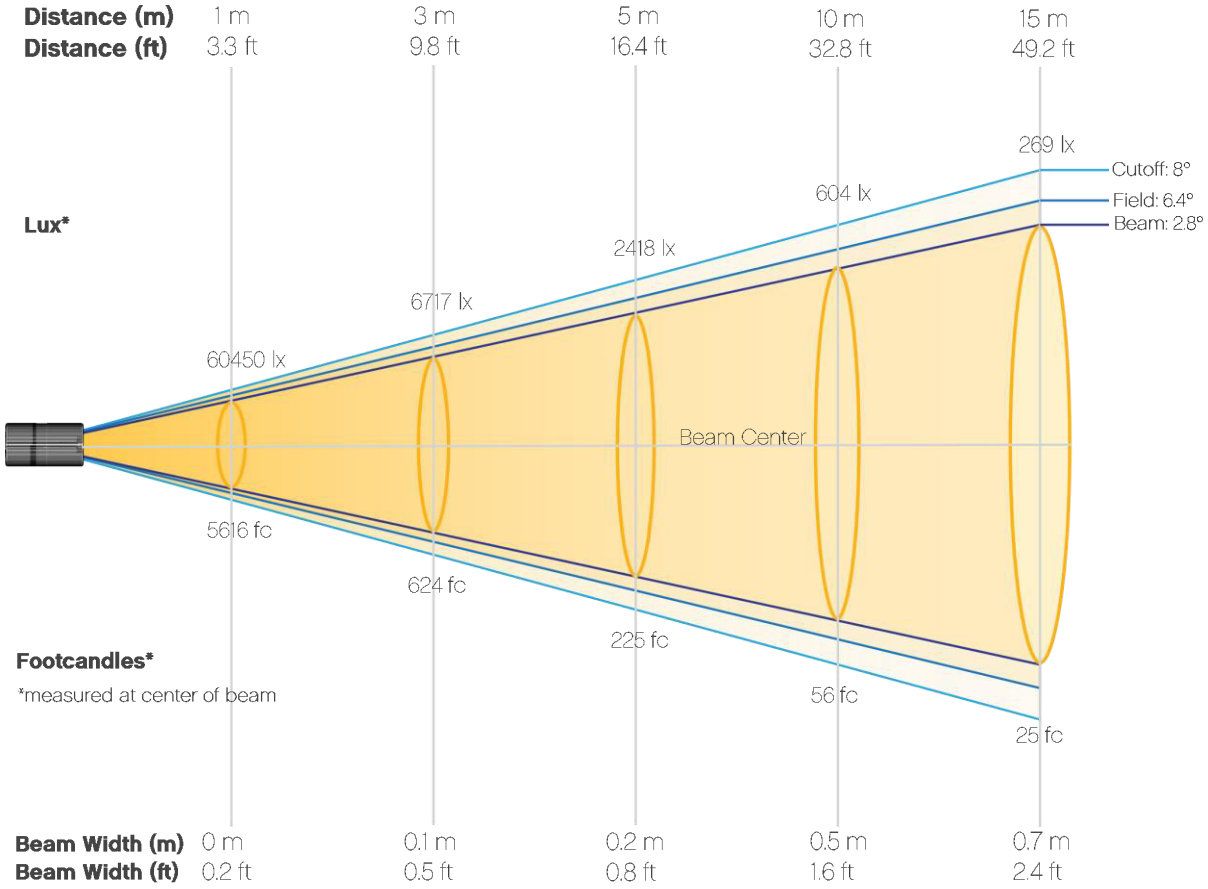
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, Red Only

Beam Details

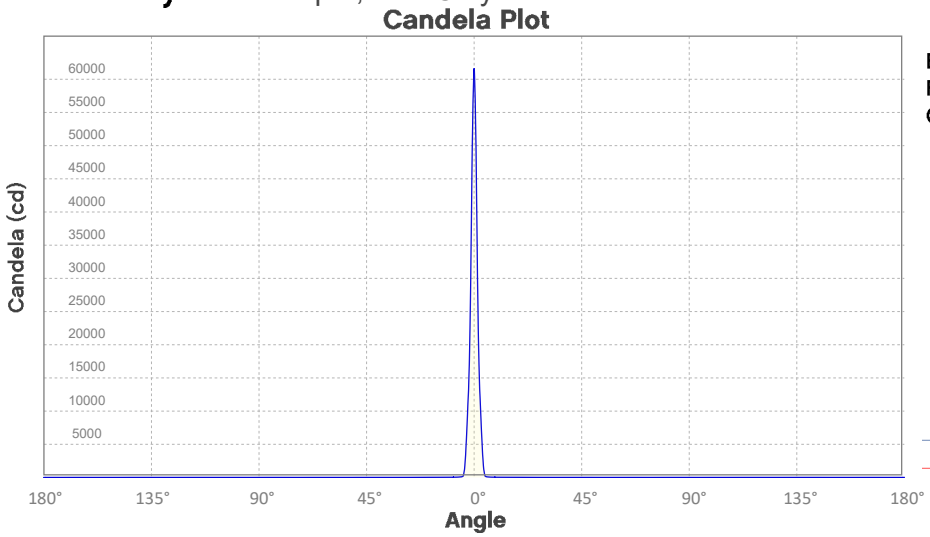


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60450	15112	6717	3778	2418	1679	1234	945	746	604
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	500	420	358	308	269	236	209	187	167	151
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5616	1404	624	351	225	156	115	88	69	56
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	46	39	33	29	25	22	19	17	16	14

Photometric Report

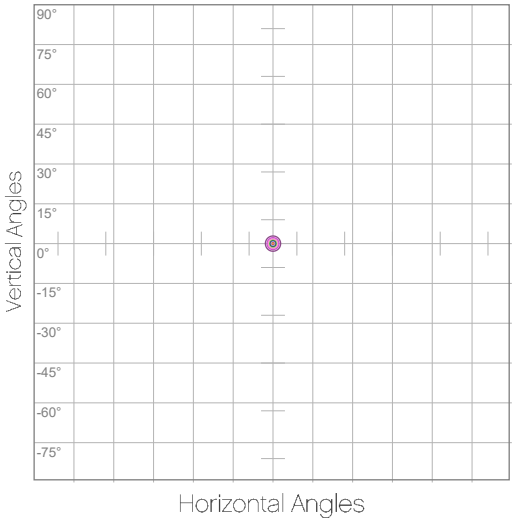
Maverick Pyxis: Full Spot, Red Only



Beam Angle (50%): 2.8°
Field Angle (10%): 6.4°
Cutoff Angle (3%): 8°

Horizontal Distribution
Vertical Distribution

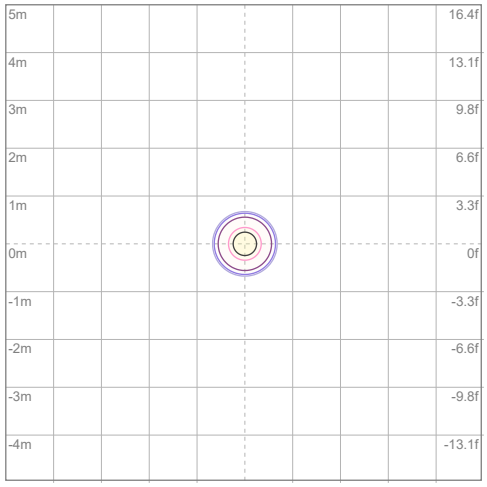
Polar Diagrams



iso-candela Diagram

10%	6045 cd
20%	12090 cd
30%	18135 cd
40%	24180 cd
50%	30225 cd
60%	36270 cd
70%	42315 cd
80%	48360 cd
90%	54405 cd

Conditions:
Number of c-planes: 2
Candela at center: 60450 cd



iso-illuminance Diagram

3%	18.1 lx
5%	30.2 lx
10%	60.4 lx
30%	181 lx
50%	302 lx

Conditions:
Number of c-planes: 2
Lux at center: 604 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, Green Only

Report Summary

Output

Total Lumens: 541 lm
Peak Intensity: 121662 cd
Illuminance @ 5m: 4866 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 2.9°
Vertical Beam Angle (50%): 2.9°
Horizontal Field Angle (10%): 6.2°
Vertical Field Angle (10%): 6.2°
Horizontal Cutoff Angle (3%): 8°
Vertical Cutoff Angle (3%): 8°

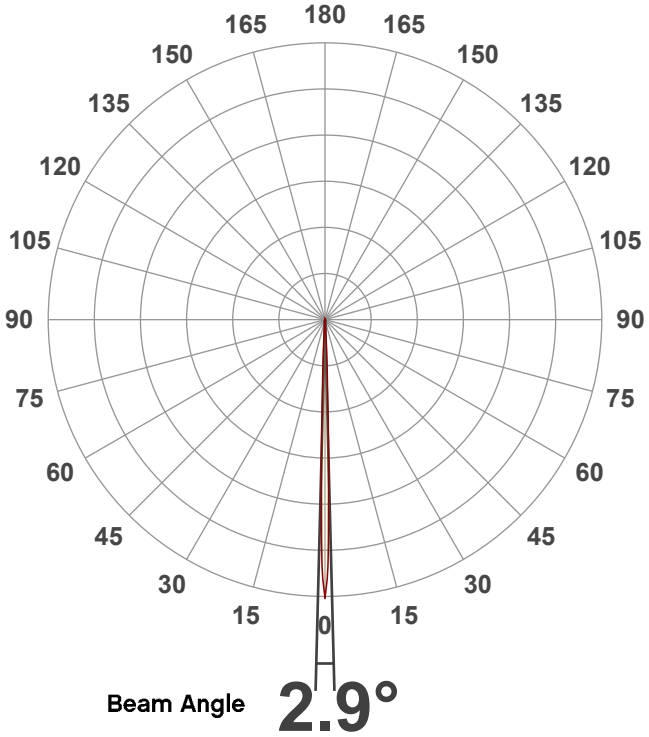
Conditions

AC Supply: 116 V, 60 Hz
Power: 134.01 W
Current: 1.15 A
Power Factor: 0.98

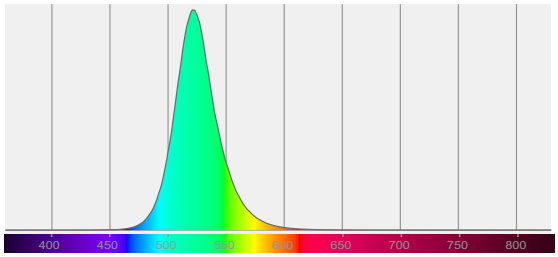
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

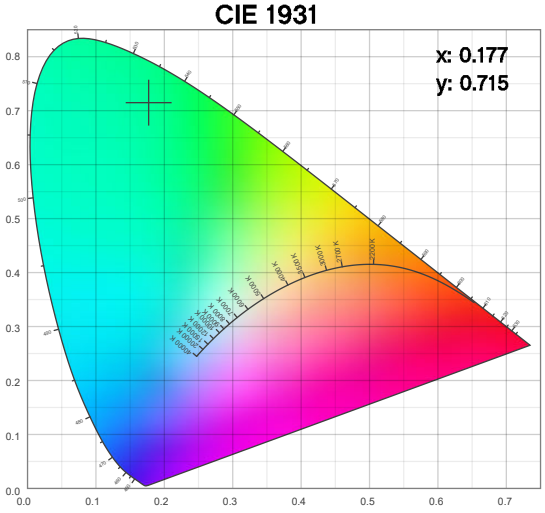
Angular Beam Distribution



Spectral Distribution



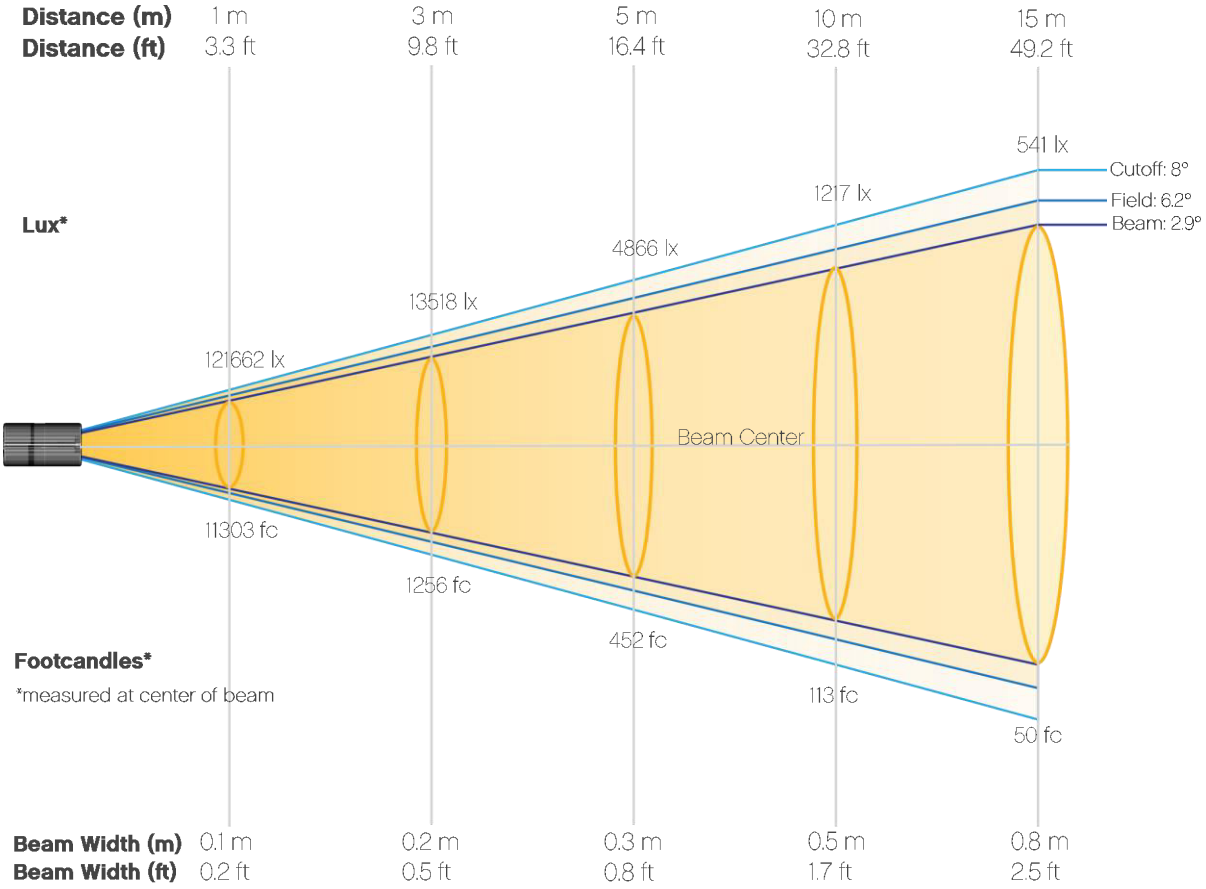
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, Green Only

Beam Details

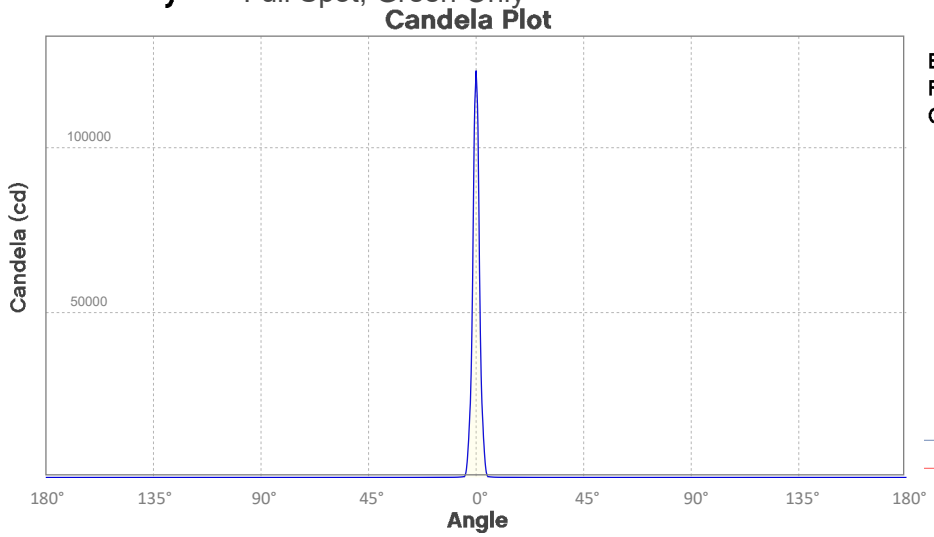


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	121662	30416	13518	7604	4866	3380	2483	1901	1502	1217
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1005	845	720	621	541	475	421	376	337	304
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	11303	2826	1256	706	452	314	231	177	140	113
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	93	78	67	58	50	44	39	35	31	28

Photometric Report

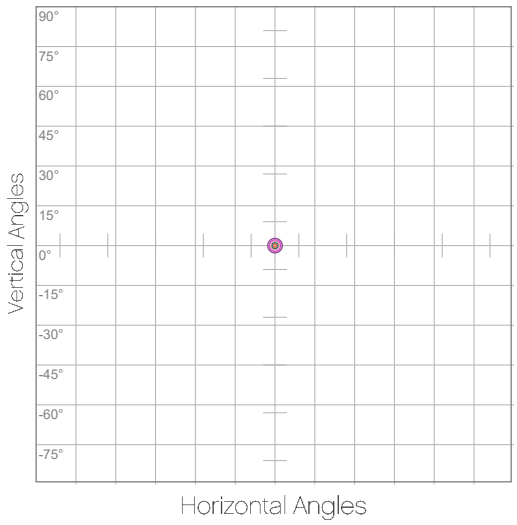
Maverick Pyxis: Full Spot, Green Only



Beam Angle (50%): 2.9°
Field Angle (10%): 6.2°
Cutoff Angle (3%): 8°

Horizontal Distribution
Vertical Distribution

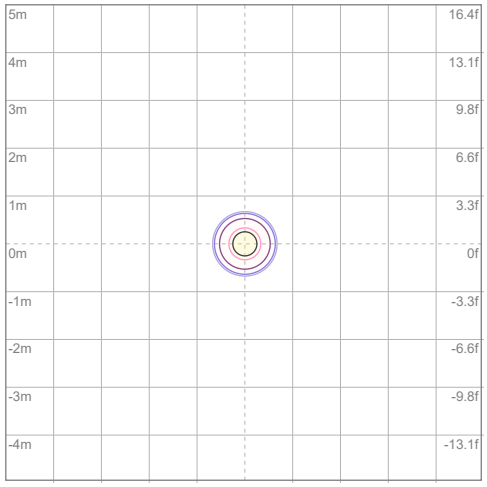
Polar Diagrams



iso-candela Diagram

10%	12166 cd
20%	24332 cd
30%	36499 cd
40%	48665 cd
50%	60831 cd
60%	72997 cd
70%	85164 cd
80%	97330 cd
90%	109496 cd

Conditions:
Number of c-planes: 2
Candela at center: 121662 cd



iso-illuminance Diagram

3%	36.5 lx
5%	60.8 lx
10%	122 lx
30%	365 lx
50%	608 lx

Conditions:
Number of c-planes: 2
Lux at center: 1217 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, Blue Only

Report Summary

Output

Total Lumens: 194 lm
Peak Intensity: 26435 cd
Illuminance @ 5m: 1057 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 3°
Vertical Beam Angle (50%): 3°
Horizontal Field Angle (10%): 6.5°
Vertical Field Angle (10%): 6.5°
Horizontal Cutoff Angle (3%): 8.4°
Vertical Cutoff Angle (3%): 8.4°

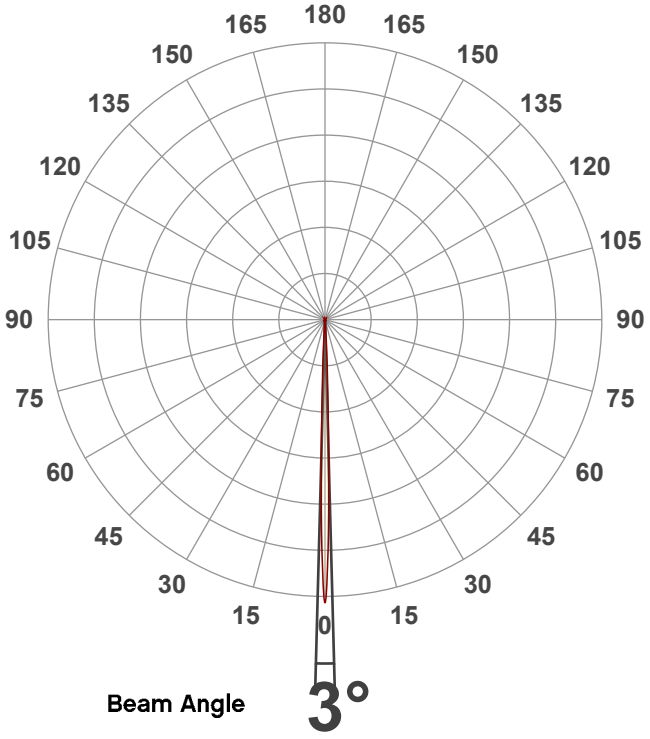
Conditions

AC Supply: 116 V, 60 Hz
Power: 124.05 W
Current: 1.07 A
Power Factor: 0.98

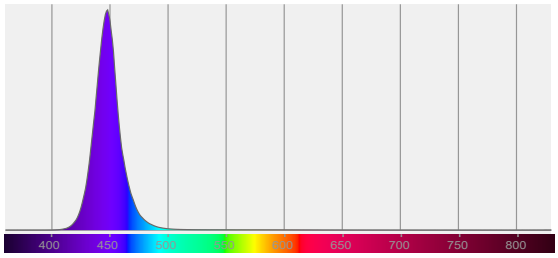
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

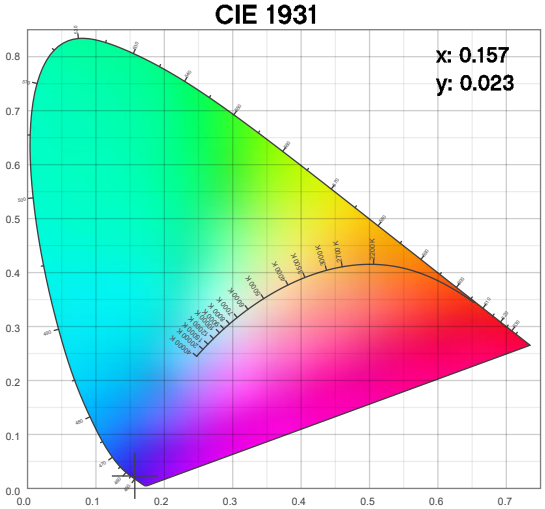
Angular Beam Distribution



Spectral Distribution



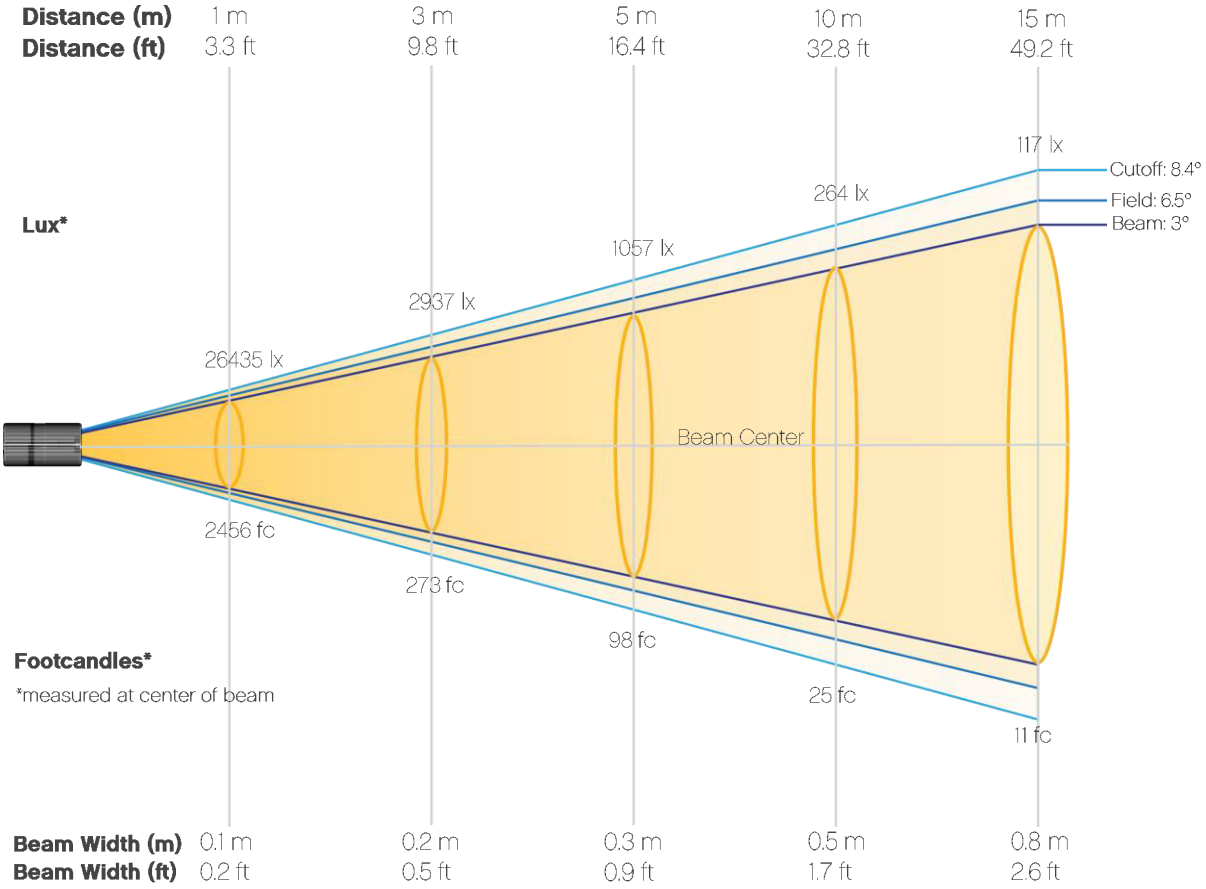
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, Blue Only

Beam Details

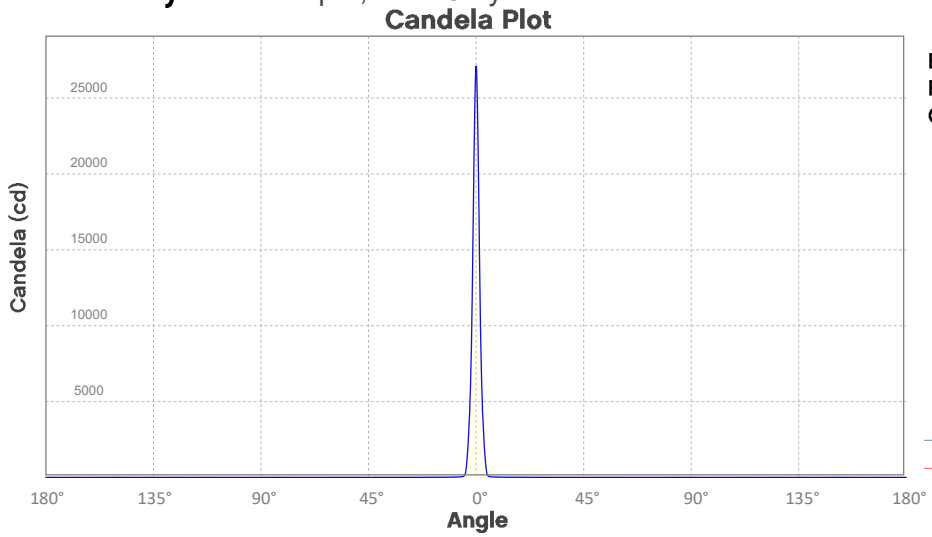


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	26435	6609	2937	1652	1057	734	539	413	326	264
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	218	184	156	135	117	103	91	82	73	66
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	2456	614	273	153	98	68	50	38	30	25
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	20	17	15	13	11	10	8	8	7	6

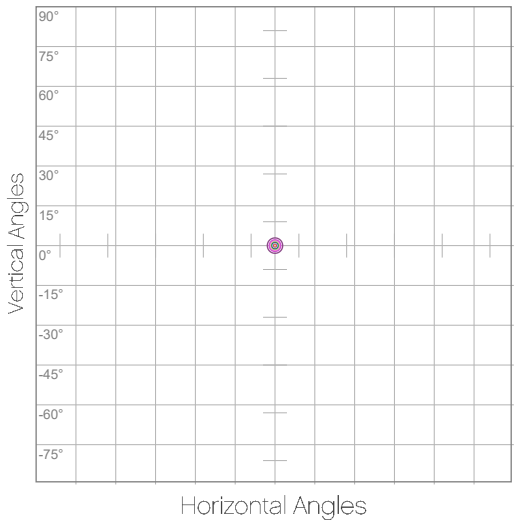
Photometric Report

Maverick Pyxis: Full Spot, Blue Only



Beam Angle (50%): 3°
Field Angle (10%): 6.5°
Cutoff Angle (3%): 8.4°

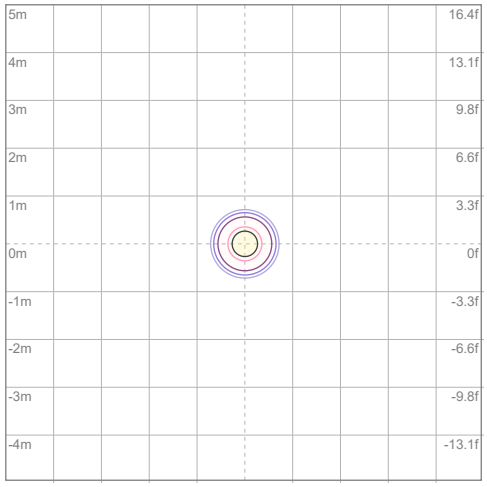
Polar Diagrams



iso-candela Diagram

10%	2644 cd
20%	5287 cd
30%	7931 cd
40%	10574 cd
50%	13218 cd
60%	15861 cd
70%	18505 cd
80%	21148 cd
90%	23792 cd

Conditions:
Number of c-planes: 2
Candela at center: 26435 cd



iso-illuminance Diagram

3%	7.93 lx
5%	13.2 lx
10%	26.4 lx
30%	79.3 lx
50%	132 lx

Conditions:
Number of c-planes: 2
Lux at center: 264 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, White Only

Report Summary

Output

Total Lumens: 767 lm
Peak Intensity: 206467 cd
Illuminance @ 5m: 8259 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 2.6°
Vertical Beam Angle (50%): 2.6°
Horizontal Field Angle (10%): 5.9°
Vertical Field Angle (10%): 5.9°
Horizontal Cutoff Angle (3%): 7.7°
Vertical Cutoff Angle (3%): 7.7°

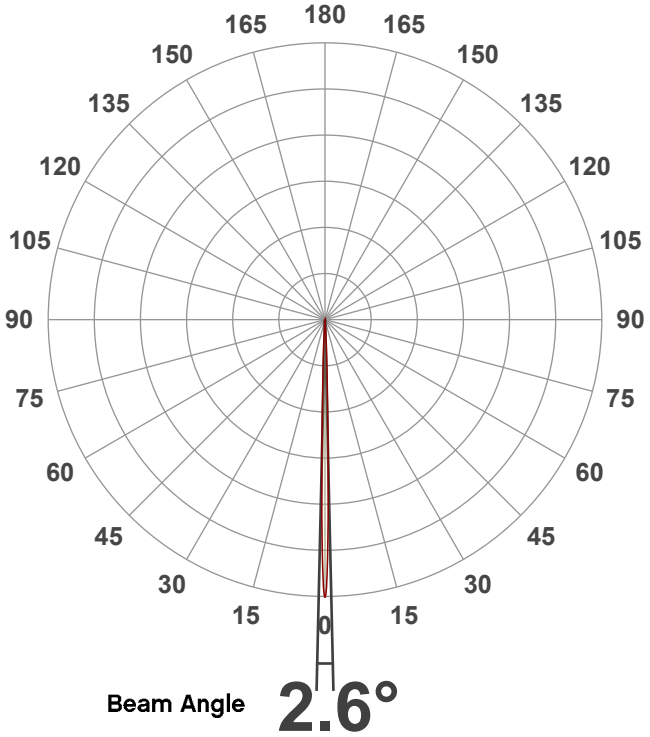
Conditions

AC Supply: 116 V, 60 Hz
Power: 123.98 W
Current: 1.07 A
Power Factor: 0.98

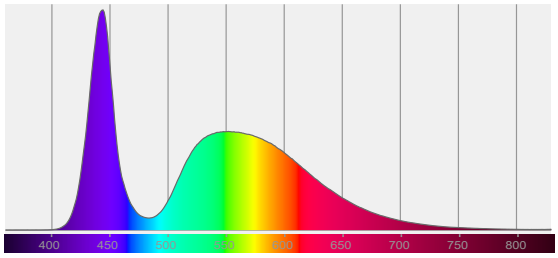
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

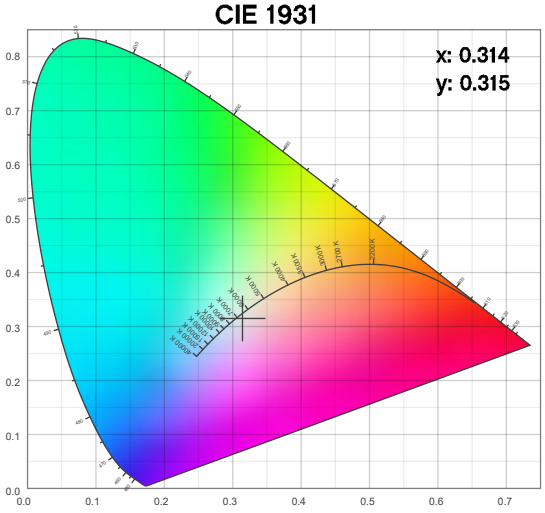
Angular Beam Distribution



Spectral Distribution



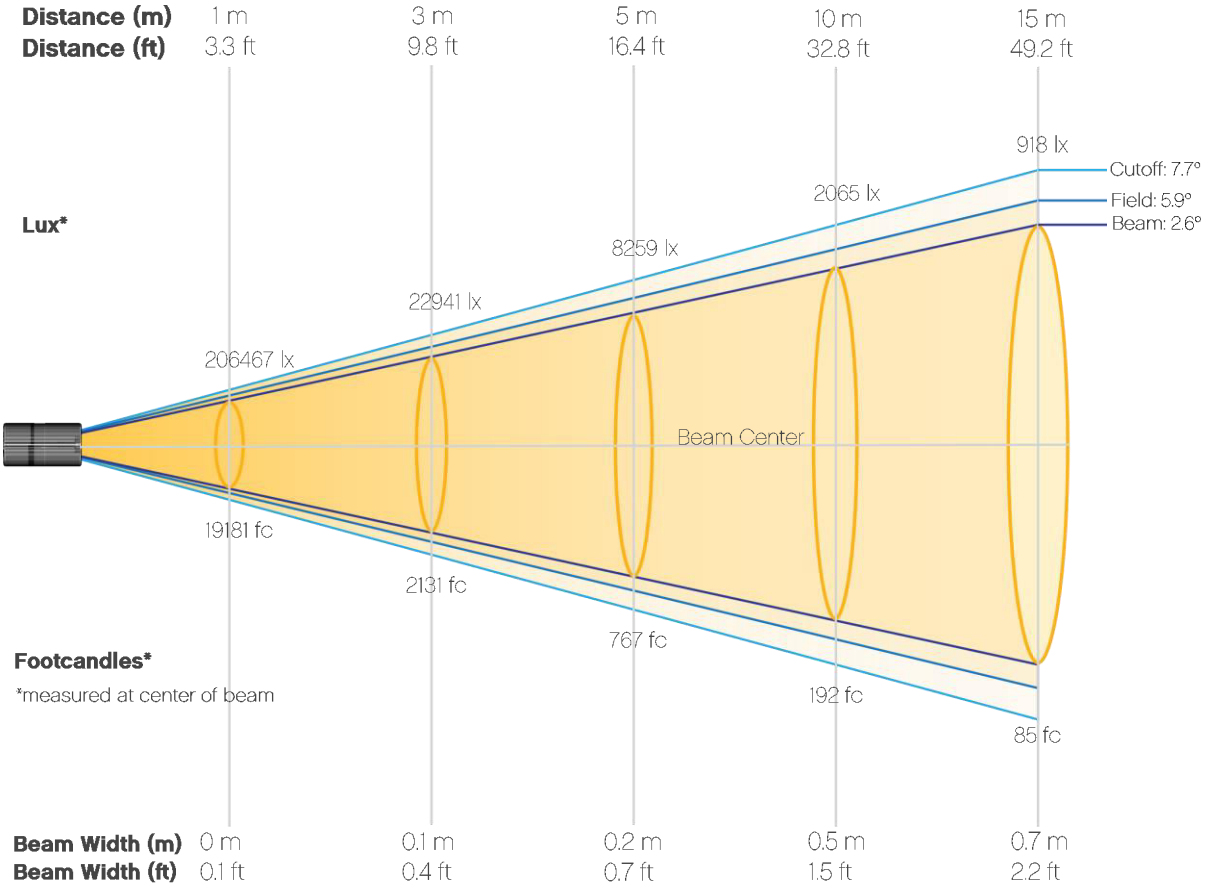
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, White Only

Beam Details

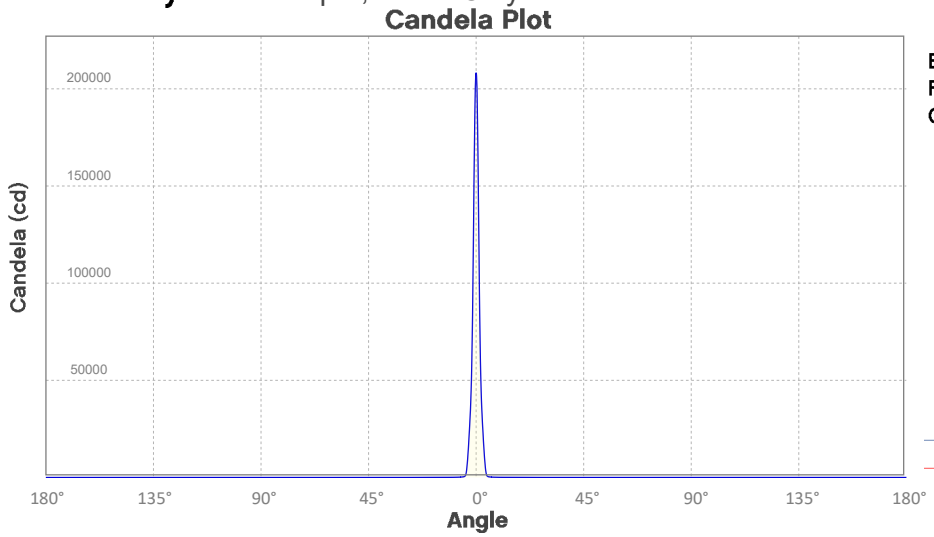


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	206467	51617	22941	12904	8259	5735	4214	3226	2549	2065
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1706	1434	1222	1053	918	807	714	637	572	516
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	19181	4795	2131	1199	767	533	391	300	237	192
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	159	133	113	98	85	75	66	59	53	48

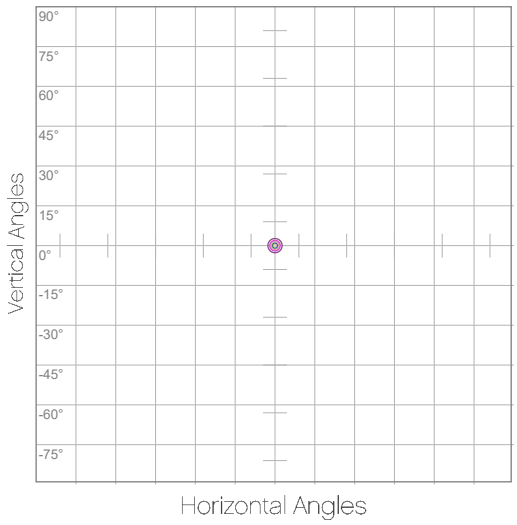
Photometric Report

Maverick Pyxis: Full Spot, White Only



Beam Angle (50%): 2.6°
Field Angle (10%): 5.9°
Cutoff Angle (3%): 7.7°

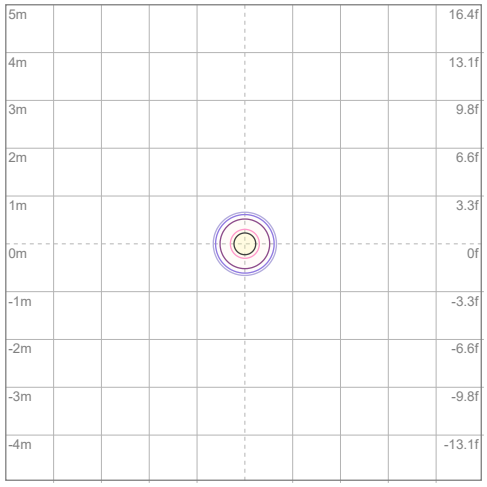
Polar Diagrams



iso-candela Diagram

10%	20647 cd
20%	41293 cd
30%	61940 cd
40%	82587 cd
50%	103234 cd
60%	123880 cd
70%	144527 cd
80%	165174 cd
90%	185820 cd

Conditions:
Number of c-planes: 2
Candela at center: 206467 cd



iso-illuminance Diagram

3%	61.9 lx
5%	103 lx
10%	206 lx
30%	619 lx
50%	1032 lx

Conditions:
Number of c-planes: 2
Lux at center: 2065 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Full Spot, 7500K

Report Summary

Output

Total Lumens: 1401 lm
Peak Intensity: 332621 cd
Illuminance @ 5m: 13305 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 2.9°
Vertical Beam Angle (50%): 2.9°
Horizontal Field Angle (10%): 6.2°
Vertical Field Angle (10%): 6.2°
Horizontal Cutoff Angle (3%): 8.1°
Vertical Cutoff Angle (3%): 8.1°

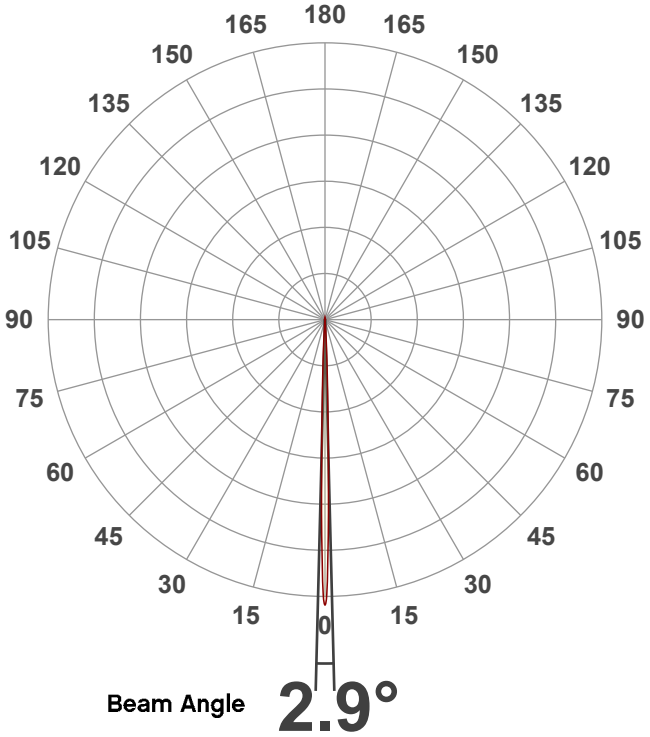
Conditions

AC Supply: 117 V, 60 Hz
Power: 218.51 W
Current: 1.87 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 Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

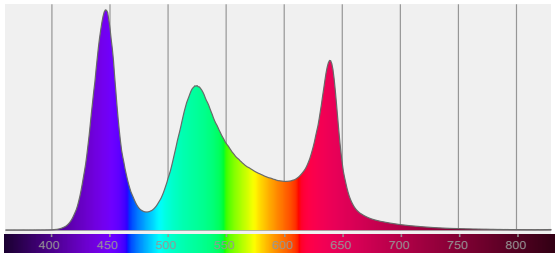
Overall Measurement

Angular Beam Distribution

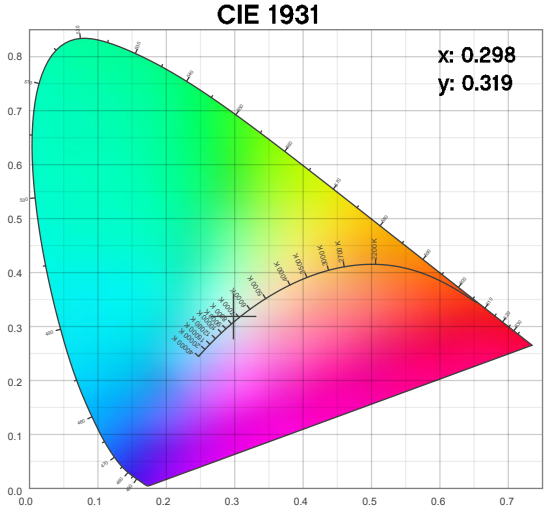


Beam Angle **2.9°**

Spectral Distribution



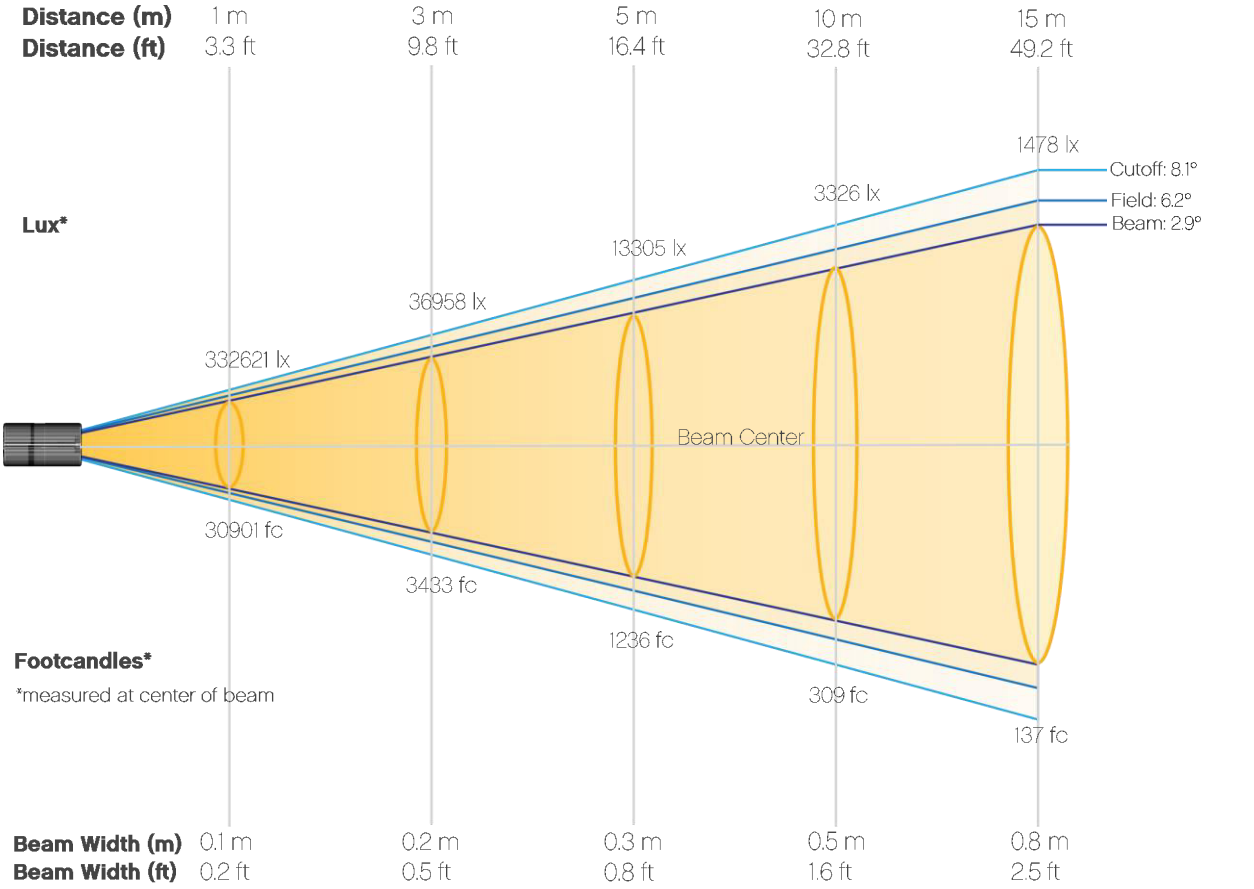
CIE 1931



Photometric Report

Maverick Pyxis: Full Spot, 7500K

Beam Details



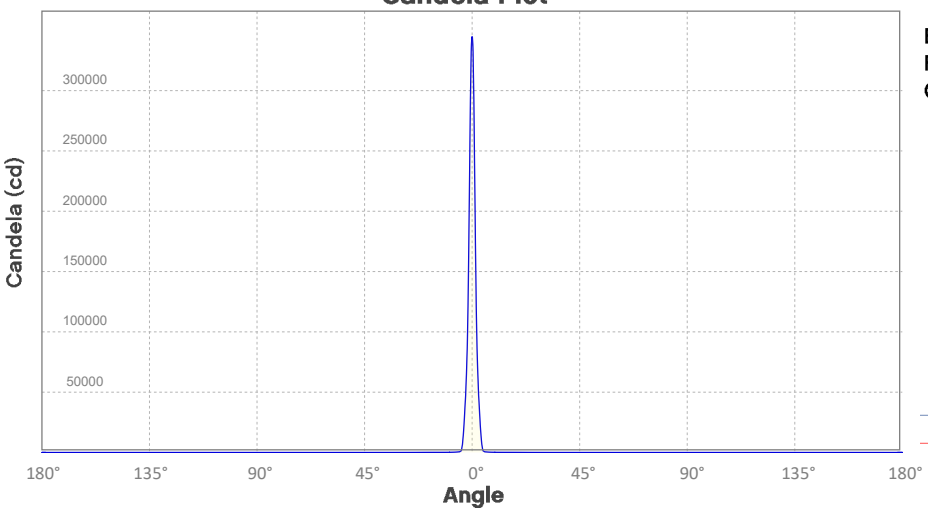
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	332621	83155	36958	20789	13305	9239	6788	5197	4106	3326
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2749	2310	1968	1697	1478	1299	1151	1027	921	832
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	30901	7725	3433	1931	1236	858	631	483	381	309
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	255	215	183	158	137	121	107	95	86	77

Photometric Report

Maverick Pyxis: Full Spot, 7500K

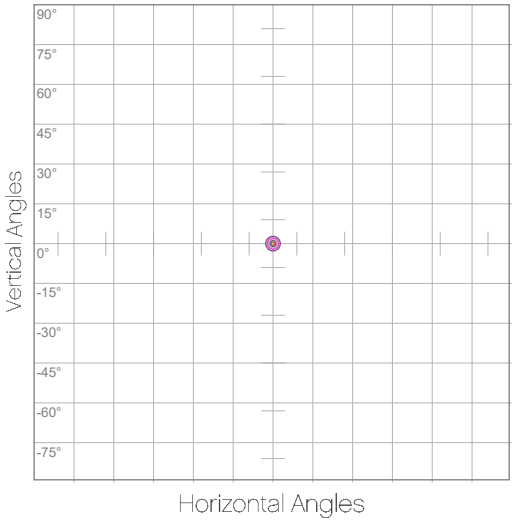
Candela Plot



Beam Angle (50%): 2.9°
Field Angle (10%): 6.2°
Cutoff Angle (3%): 8.1°

Horizontal Distribution
Vertical Distribution

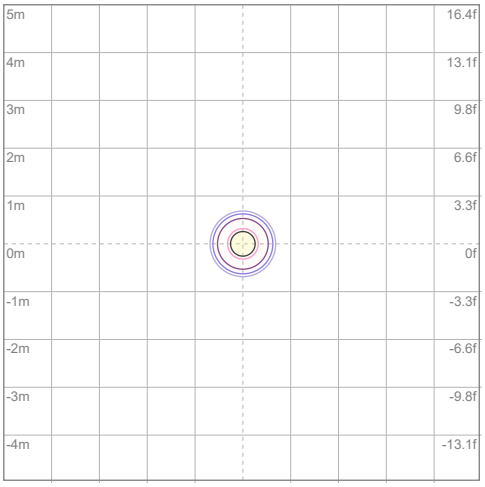
Polar Diagrams



iso-candela Diagram

10%	33262 cd
20%	66524 cd
30%	99786 cd
40%	133048 cd
50%	166310 cd
60%	199572 cd
70%	232835 cd
80%	266097 cd
90%	299359 cd

Conditions:
Number of c-planes: 2
Candela at center: 332621 cd



iso-illuminance Diagram

3%	99.8 lx
5%	166 lx
10%	333 lx
30%	998 lx
50%	1663 lx

Conditions:
Number of c-planes: 2
Lux at center: 3326 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 6852 lm
Peak Intensity: 225754 cd
Illuminance @ 5m: 9030 lux
Fixture Efficacy: 24 lm/W

Optical

Horizontal Beam Angle (50%): 2.7°
Vertical Beam Angle (50%): 2.7°
Horizontal Field Angle (10%): 11.8°
Vertical Field Angle (10%): 11.8°
Horizontal Cutoff Angle (3%): 19.7°
Vertical Cutoff Angle (3%): 19.7°

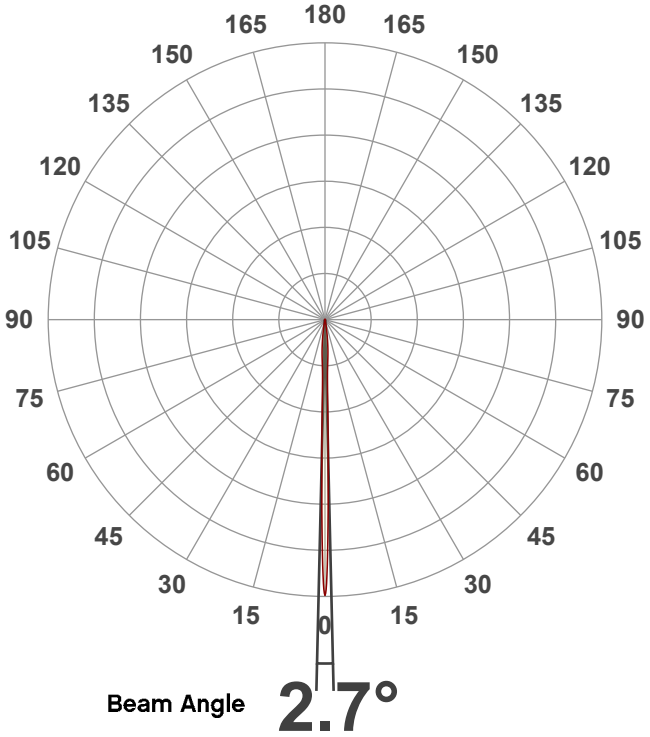
Conditions

AC Supply: 120 V, 60 Hz
Power: 287.26 W
Current: 2.40 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 4/30/2020 to LM-63-2002 Standards.

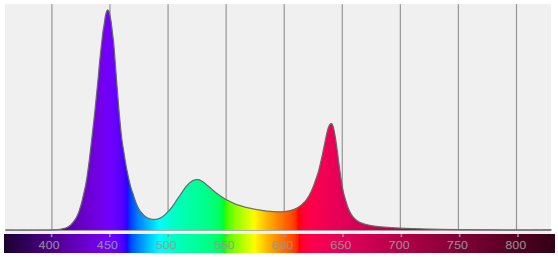
Overall Measurement

Angular Beam Distribution

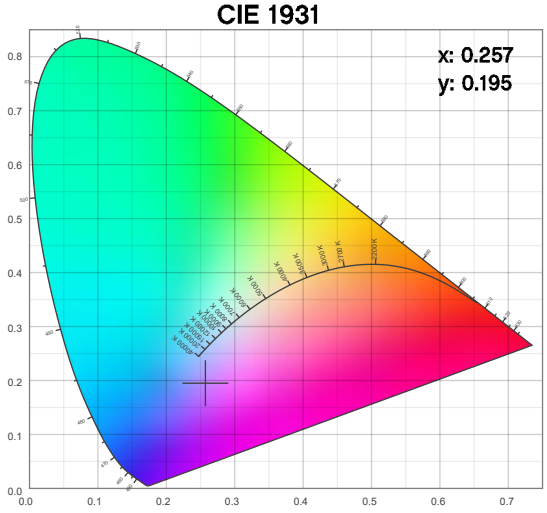


Beam Angle 2.7°

Spectral Distribution



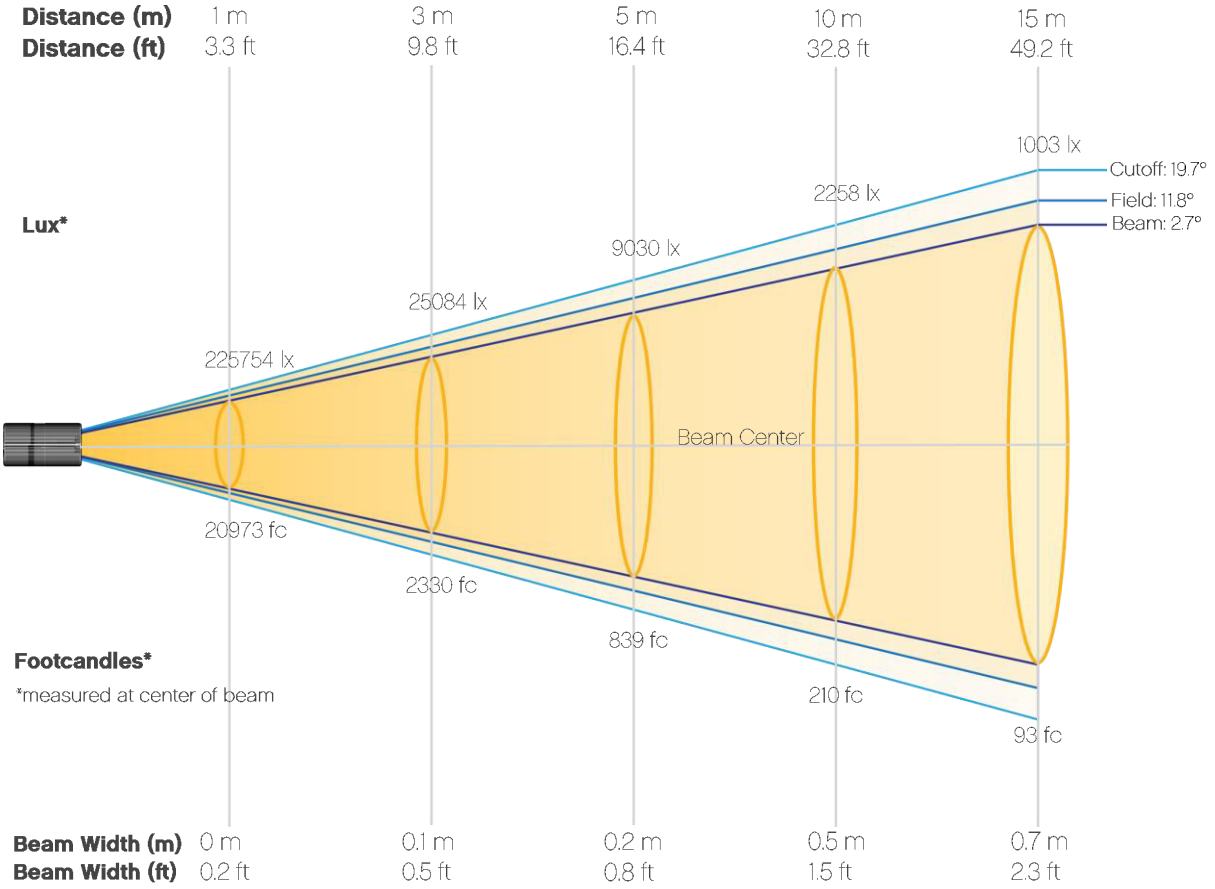
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, Full Power

Beam Details

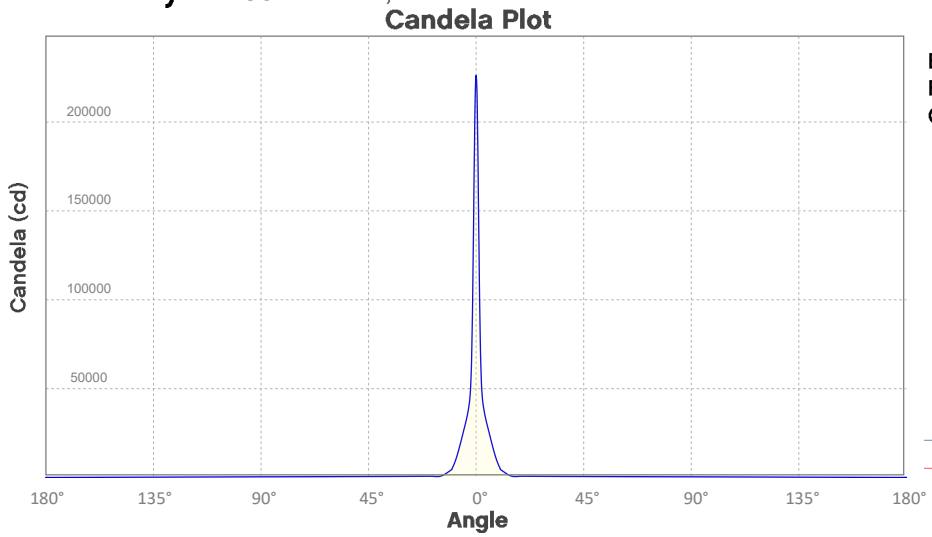


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	225754	56439	25084	14110	9030	6271	4607	3527	2787	2258
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1866	1568	1336	1152	1003	882	781	697	625	564
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	20973	5243	2330	1311	839	583	428	328	259	210
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	173	146	124	107	93	82	73	65	58	52

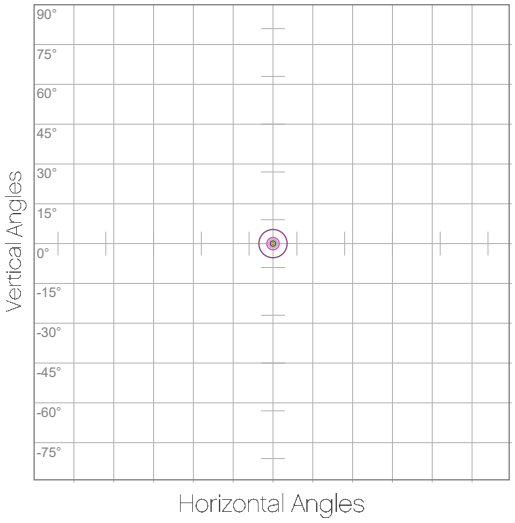
Photometric Report

Maverick Pyxis: 50% Zoom, Full Power



Beam Angle (50%): 2.7°
Field Angle (10%): 11.8°
Cutoff Angle (3%): 19.7°

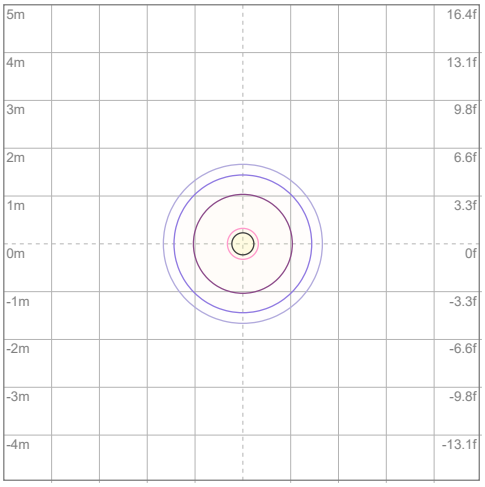
Polar Diagrams



iso-candela Diagram

10%	22575 cd
20%	45151 cd
30%	67726 cd
40%	90302 cd
50%	112877 cd
60%	135453 cd
70%	158028 cd
80%	180603 cd
90%	203179 cd

Conditions:
Number of c-planes: 2
Candela at center: 225754 cd



iso-illuminance Diagram

3%	67.7 lx
5%	113 lx
10%	226 lx
30%	677 lx
50%	1129 lx

Conditions:
Number of c-planes: 2
Lux at center: 2258 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, Red Only

Report Summary

Output

Total Lumens: 536 lm
Peak Intensity: 45641 cd
Illuminance @ 5m: 1826 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 2.7°
Vertical Beam Angle (50%): 2.7°
Horizontal Field Angle (10%): 10.8°
Vertical Field Angle (10%): 10.8°
Horizontal Cutoff Angle (3%): 18.9°
Vertical Cutoff Angle (3%): 18.9°

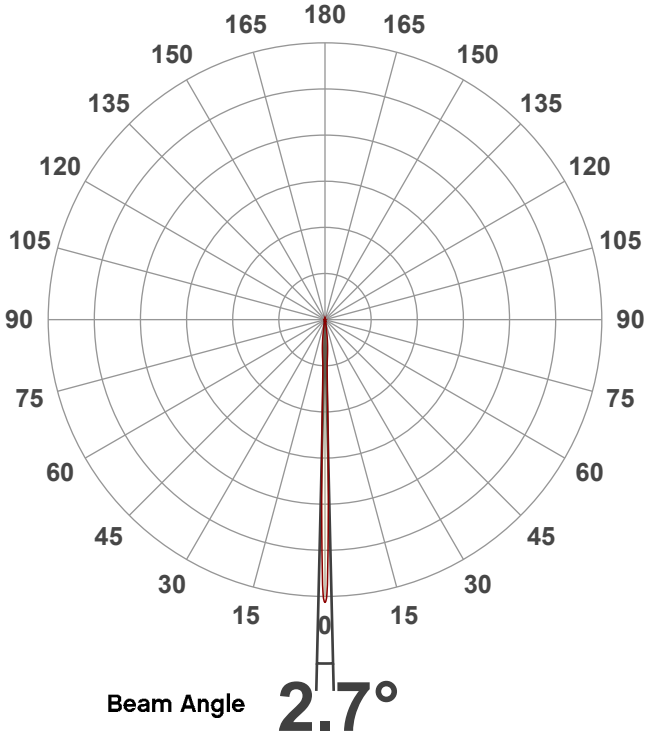
Conditions

AC Supply: 116 V, 60.1 Hz
Power: 112.85 W
Current: 0.969 A
Power Factor: 0.98

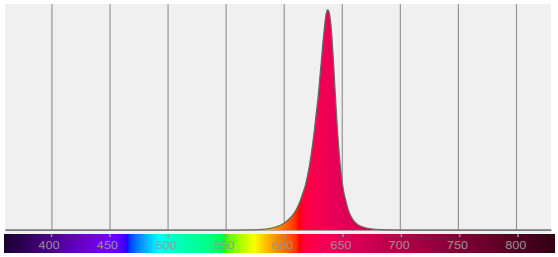
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

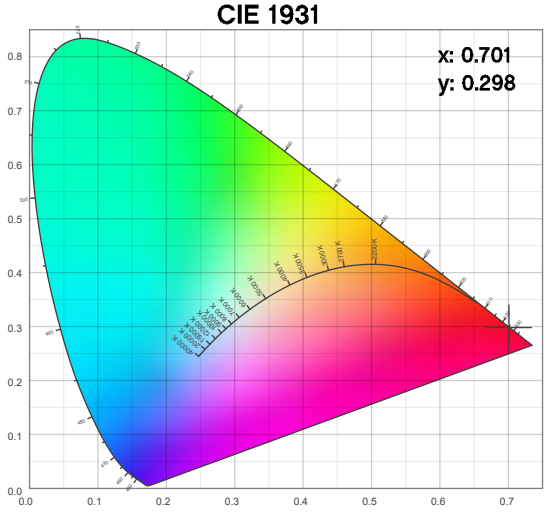
Angular Beam Distribution



Spectral Distribution



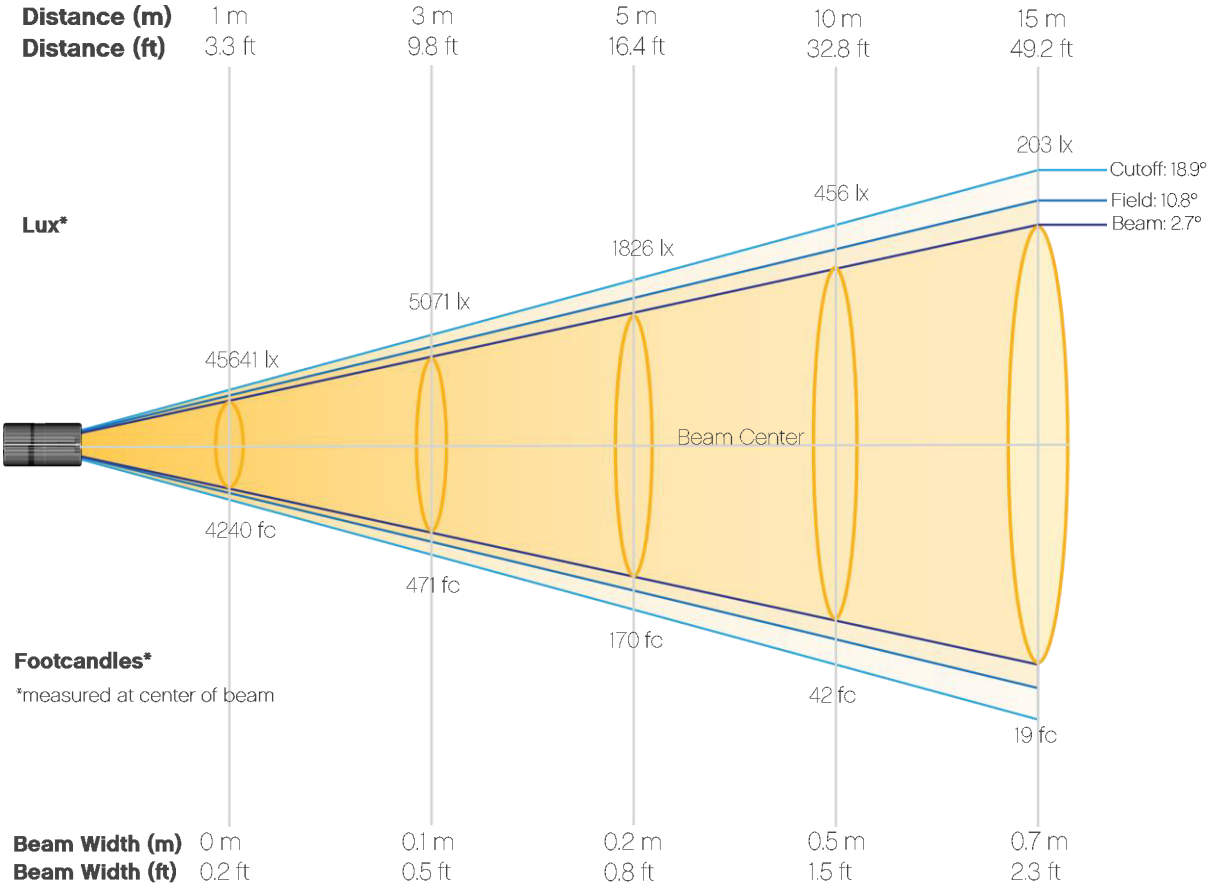
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, Red Only

Beam Details



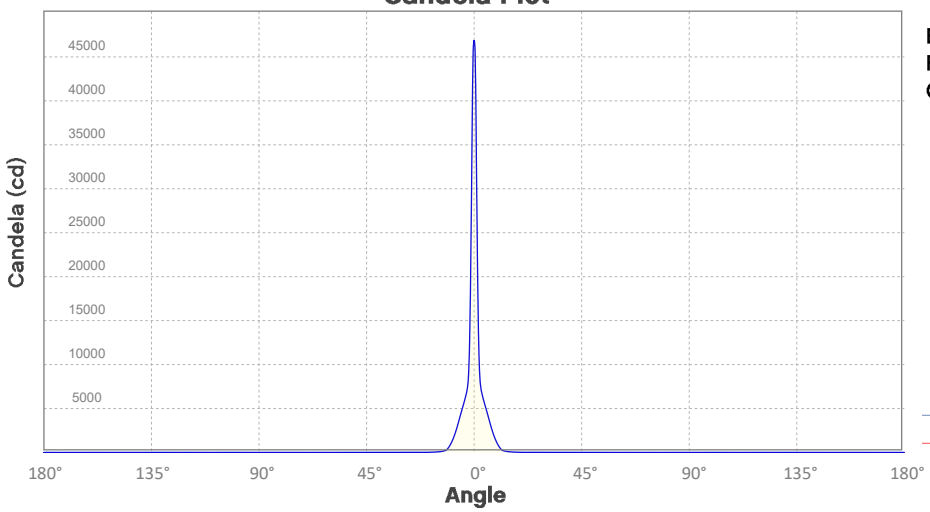
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	45641	11410	5071	2853	1826	1268	931	713	563	456
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	377	317	270	233	203	178	158	141	126	114
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	4240	1060	471	265	170	118	87	66	52	42
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	35	29	25	22	19	17	15	13	12	11

Photometric Report

Maverick Pyxis: 50% Zoom, Red Only

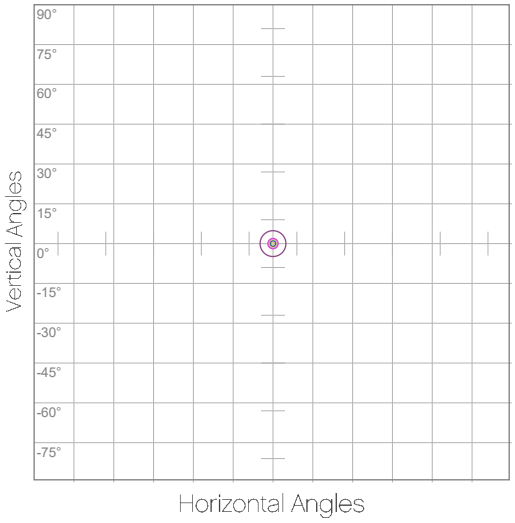
Candela Plot



Beam Angle (50%): 2.7°
Field Angle (10%): 10.8°
Cutoff Angle (3%): 18.9°

Horizontal Distribution
Vertical Distribution

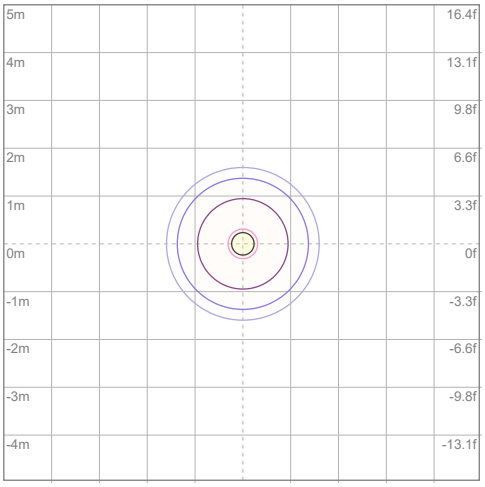
Polar Diagrams



iso-candela Diagram

10%	4564 cd
20%	9128 cd
30%	13692 cd
40%	18256 cd
50%	22821 cd
60%	27385 cd
70%	31949 cd
80%	36513 cd
90%	41077 cd

Conditions:
Number of c-planes: 2
Candela at center: 45641 cd



iso-illuminance Diagram

3%	13.7 lx
5%	22.8 lx
10%	45.6 lx
30%	137 lx
50%	228 lx

Conditions:
Number of c-planes: 2
Lux at center: 456 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, Green Only

Report Summary

Output

Total Lumens: 922 lm
Peak Intensity: 101428 cd
Illuminance @ 5m: 4057 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 2.7°
Vertical Beam Angle (50%): 2.7°
Horizontal Field Angle (10%): 8.5°
Vertical Field Angle (10%): 8.5°
Horizontal Cutoff Angle (3%): 17.8°
Vertical Cutoff Angle (3%): 17.8°

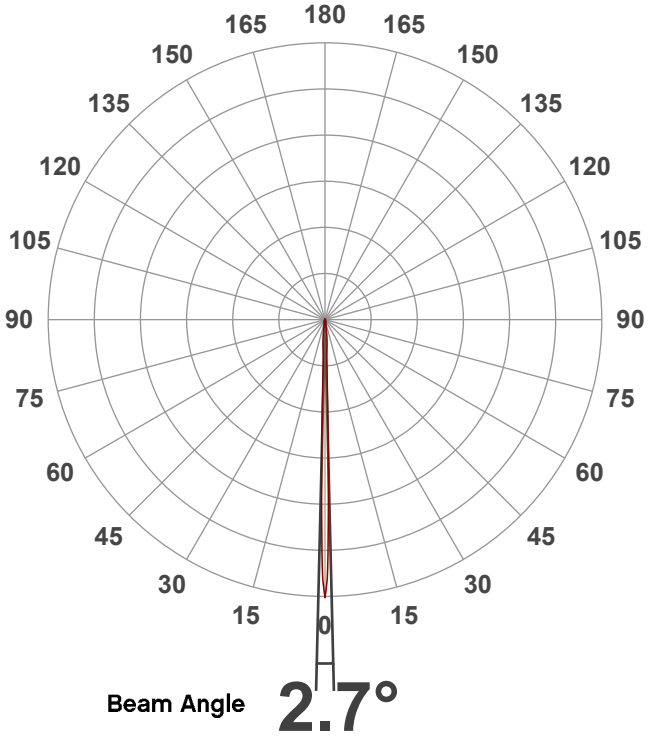
Conditions

AC Supply: 116 V, 60 Hz
Power: 134.46 W
Current: 1.16 A
Power Factor: 0.98

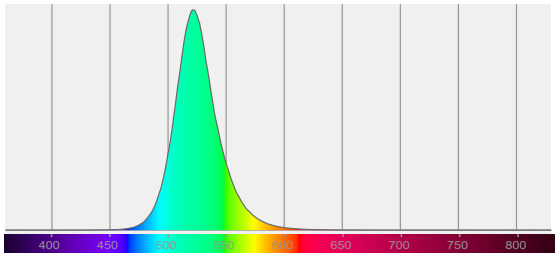
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

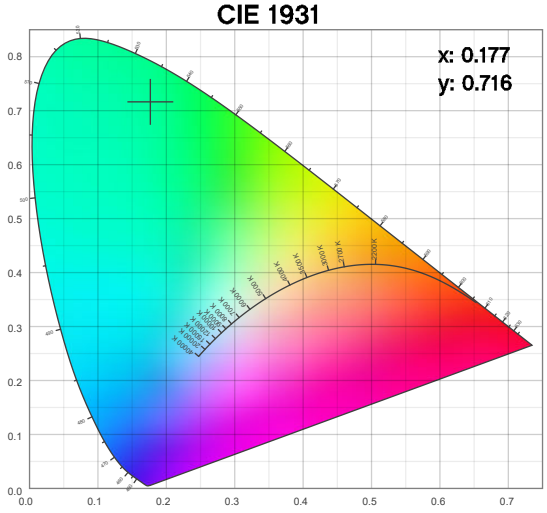
Angular Beam Distribution



Spectral Distribution



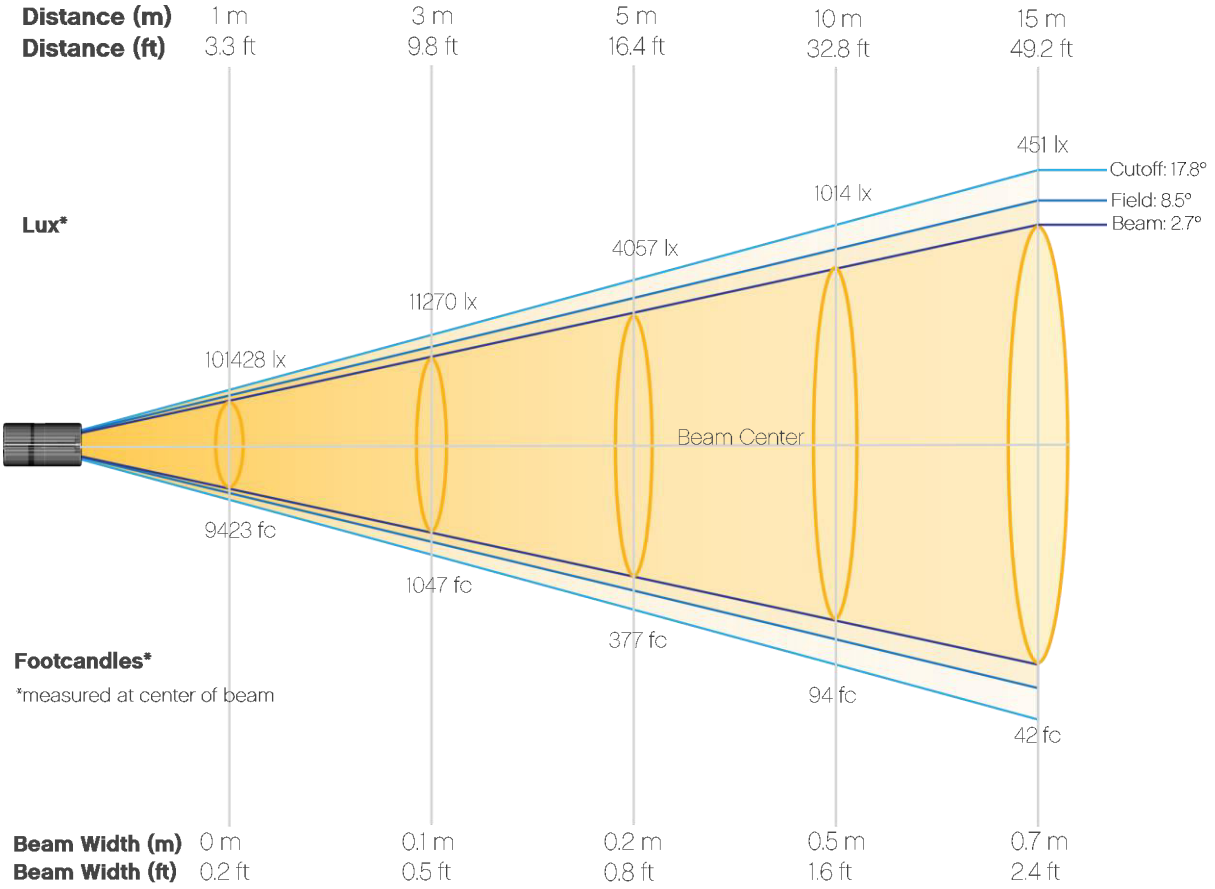
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, Green Only

Beam Details



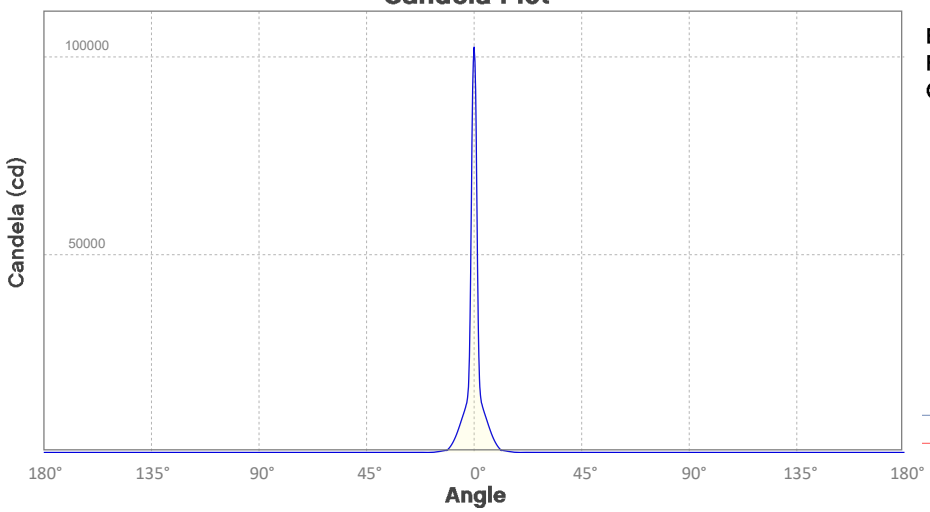
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	101428	25357	11270	6339	4057	2817	2070	1585	1252	1014
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	838	704	600	517	451	396	351	313	281	254
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	9423	2356	1047	589	377	262	192	147	116	94
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	78	65	56	48	42	37	33	29	26	24

Photometric Report

Maverick Pyxis: 50% Zoom, Green Only

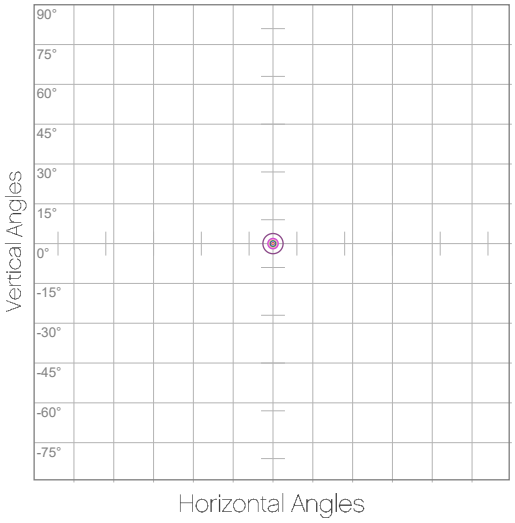
Candela Plot



Beam Angle (50%): 2.7°
Field Angle (10%): 8.5°
Cutoff Angle (3%): 17.8°

Horizontal Distribution
Vertical Distribution

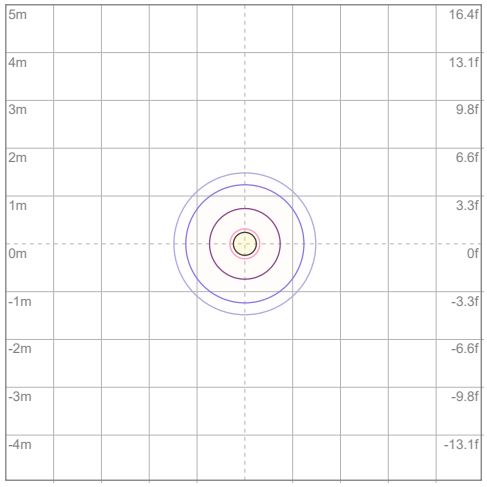
Polar Diagrams



iso-candela Diagram

10%	10143 cd
20%	20286 cd
30%	30428 cd
40%	40571 cd
50%	50714 cd
60%	60857 cd
70%	71000 cd
80%	81142 cd
90%	91285 cd

Conditions:
Number of c-planes: 2
Candela at center: 101428 cd



iso-illuminance Diagram

3%	30.4 lx
5%	50.7 lx
10%	101 lx
30%	304 lx
50%	507 lx

Conditions:
Number of c-planes: 2
Lux at center: 1014 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, Blue Only

Report Summary

Output

Total Lumens: 289 lm
Peak Intensity: 21360 cd
Illuminance @ 5m: 854 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 2.8°
Vertical Beam Angle (50%): 2.8°
Horizontal Field Angle (10%): 10°
Vertical Field Angle (10%): 10°
Horizontal Cutoff Angle (3%): 18.3°
Vertical Cutoff Angle (3%): 18.3°

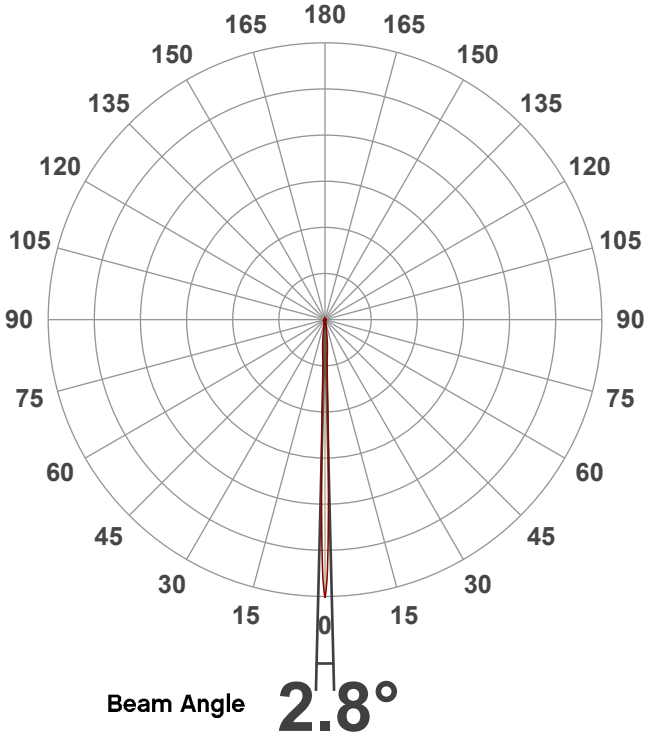
Conditions

AC Supply: 117 V, 60 Hz
Power: 124.28 W
Current: 1.06 A
Power Factor: 0.98

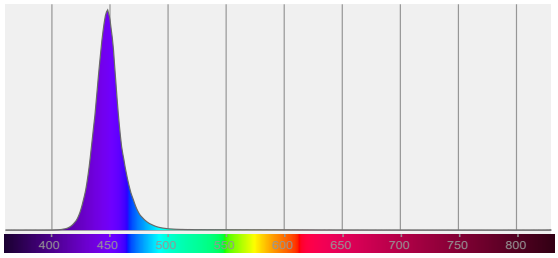
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

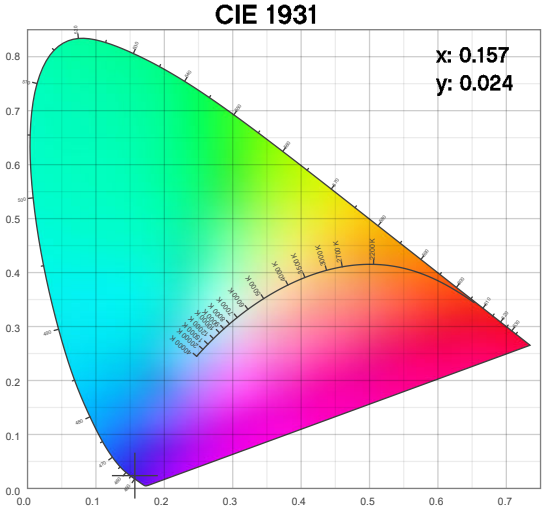
Angular Beam Distribution



Spectral Distribution



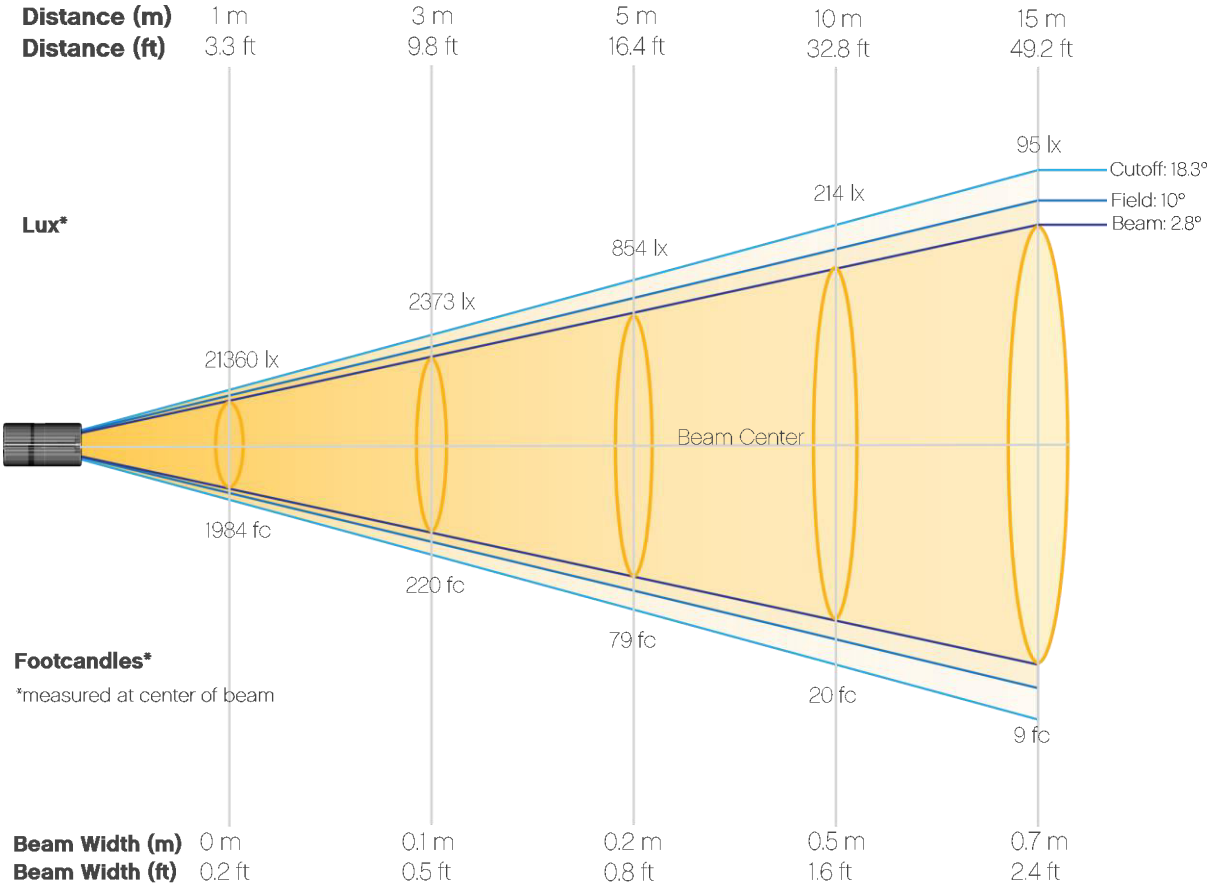
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, Blue Only

Beam Details

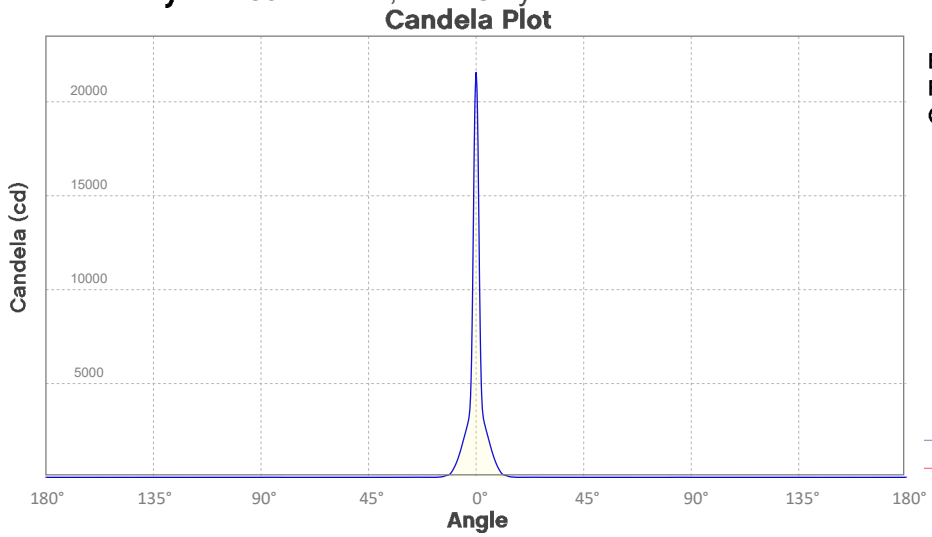


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	21360	5340	2373	1335	854	593	436	334	264	214
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	177	148	126	109	95	83	74	66	59	53
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1984	496	220	124	79	55	40	31	24	20
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	16	14	12	10	9	8	7	6	5	5

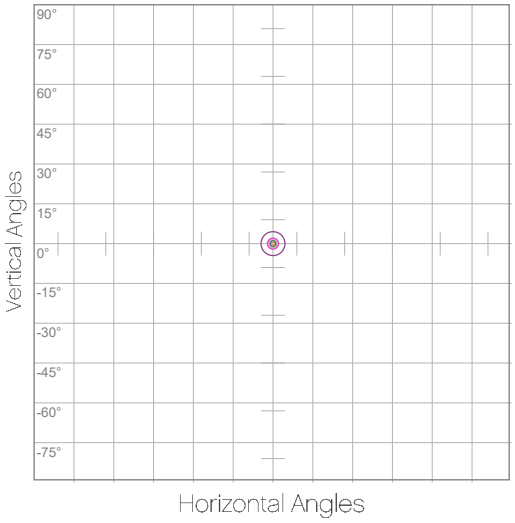
Photometric Report

Maverick Pyxis: 50% Zoom, Blue Only



Beam Angle (50%): 2.8°
Field Angle (10%): 10°
Cutoff Angle (3%): 18.3°

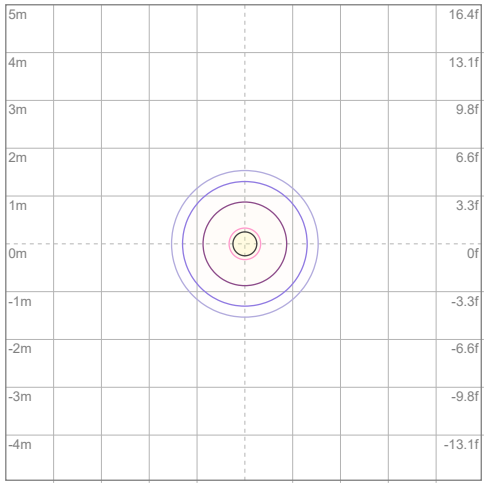
Polar Diagrams



iso-candela Diagram

10%	2136 cd
20%	4272 cd
30%	6408 cd
40%	8544 cd
50%	10680 cd
60%	12816 cd
70%	14952 cd
80%	17088 cd
90%	19224 cd

Conditions:
Number of c-planes: 2
Candela at center: 21360 cd



iso-illuminance Diagram

3%	6.41 lx
5%	10.7 lx
10%	21.4 lx
30%	64.1 lx
50%	107 lx

Conditions:
Number of c-planes: 2
Lux at center: 214 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, White Only

Report Summary

Output

Total Lumens: 1409 lm
Peak Intensity: 168889 cd
Illuminance @ 5m: 6756 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 2.5°
Vertical Beam Angle (50%): 2.5°
Horizontal Field Angle (10%): 7°
Vertical Field Angle (10%): 7°
Horizontal Cutoff Angle (3%): 17.5°
Vertical Cutoff Angle (3%): 17.5°

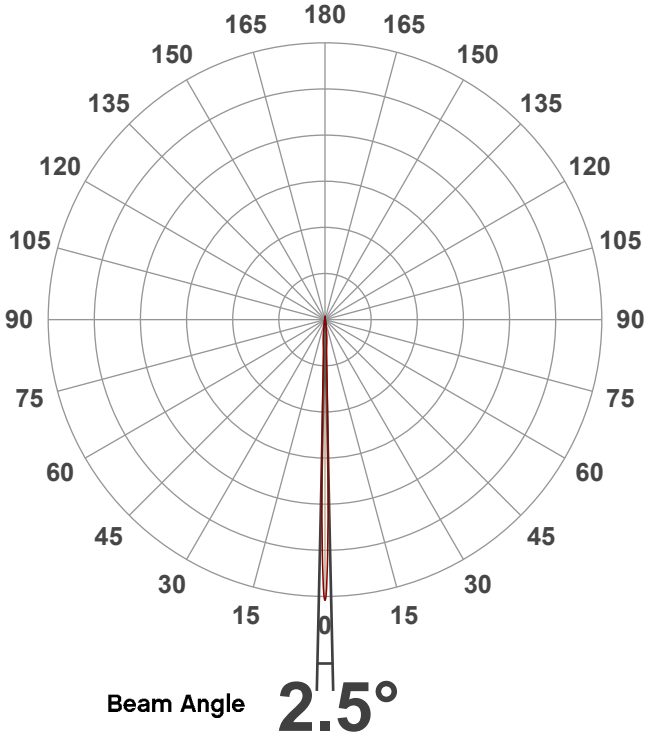
Conditions

AC Supply: 117 V, 60 Hz
Power: 124.21 W
Current: 1.06 A
Power Factor: 0.98

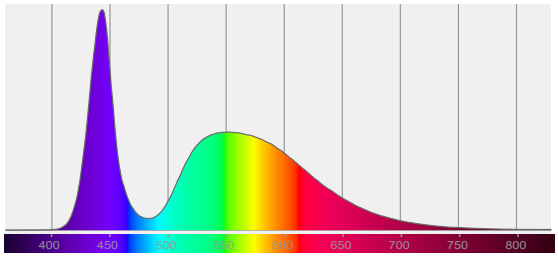
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

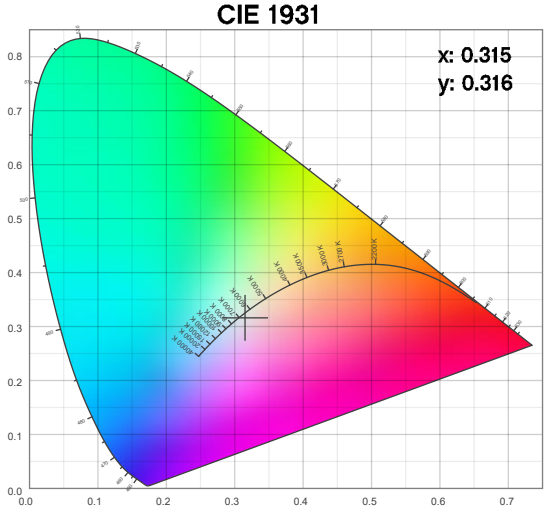
Angular Beam Distribution



Spectral Distribution



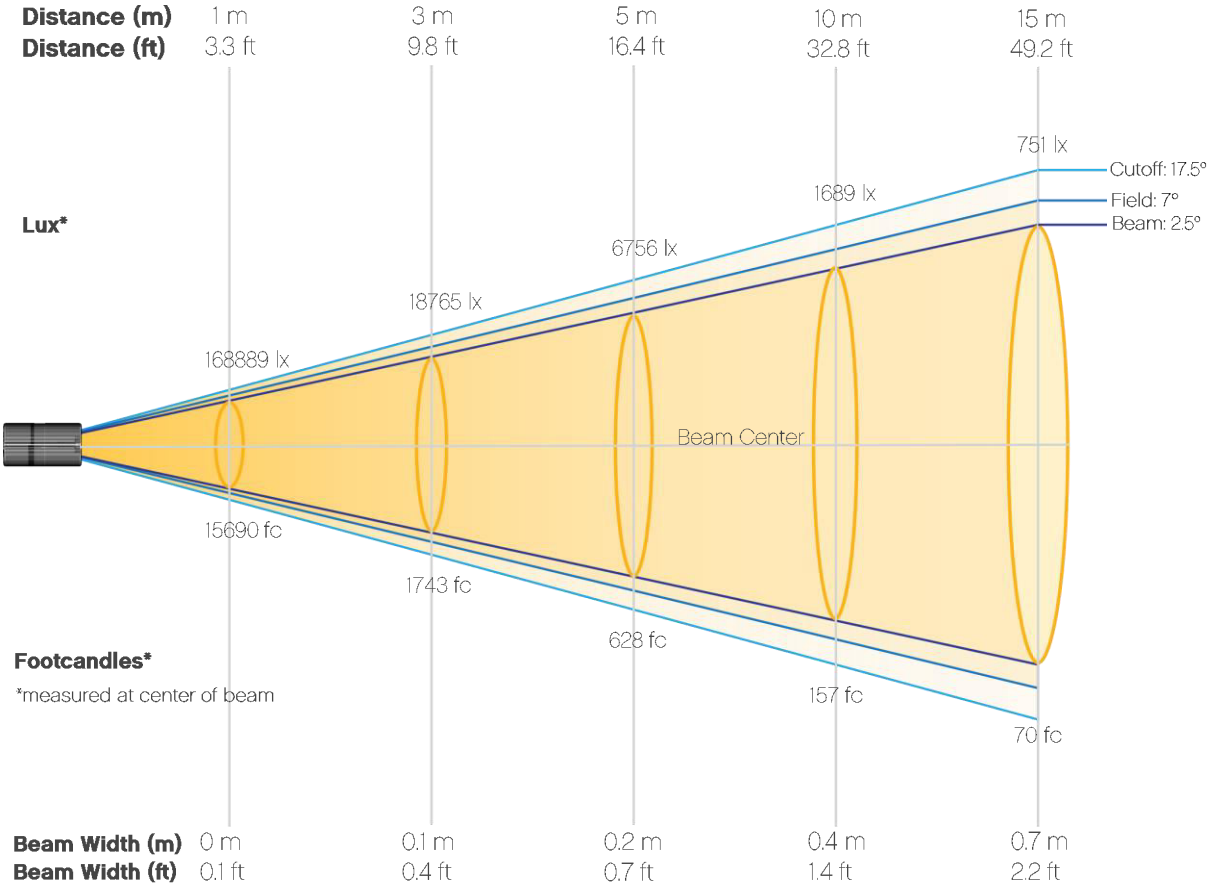
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, White Only

Beam Details



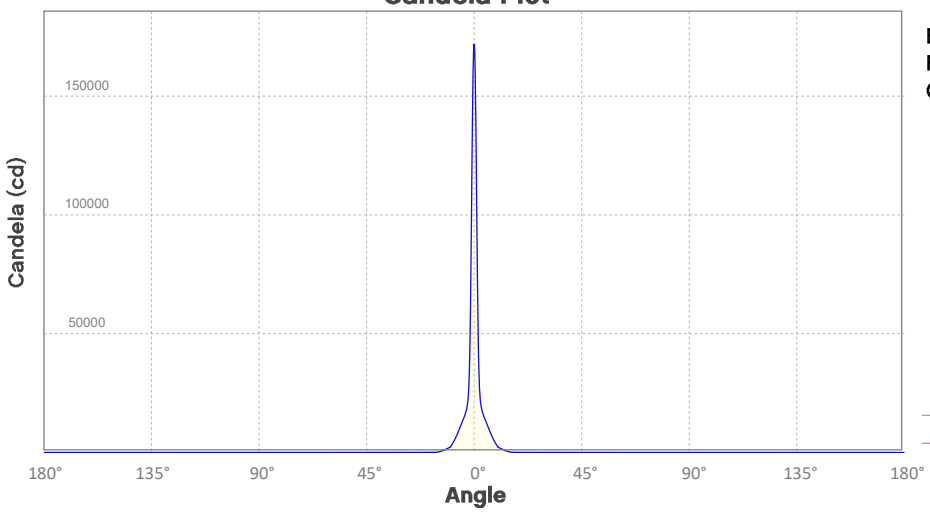
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	168889	42222	18765	10556	6756	4691	3447	2639	2085	1689
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1396	1173	999	862	751	660	584	521	468	422
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	15690	3923	1743	981	628	436	320	245	194	157
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	130	109	93	80	70	61	54	48	43	39

Photometric Report

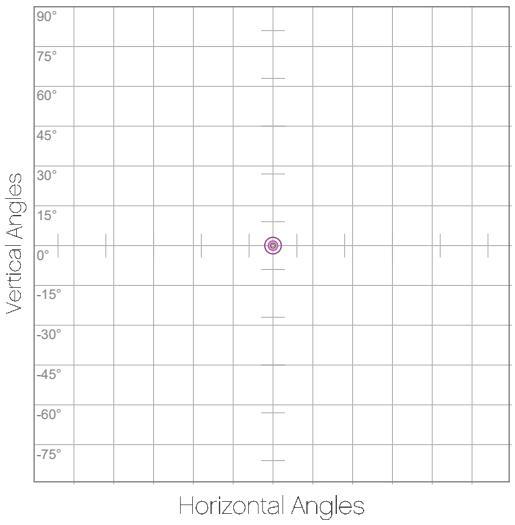
Maverick Pyxis: 50% Zoom, White Only

Candela Plot



Beam Angle (50%): 2.5°
Field Angle (10%): 7°
Cutoff Angle (3%): 17.5°

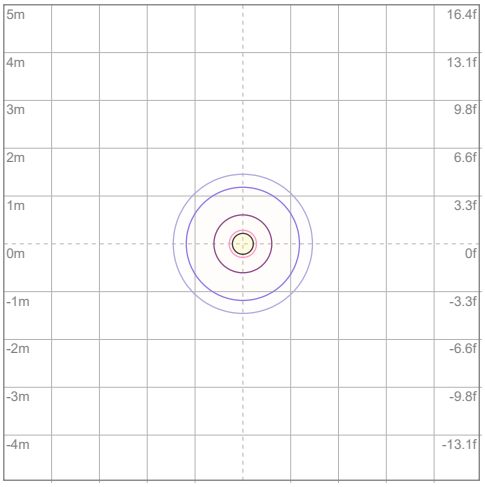
Polar Diagrams



iso-candela Diagram

10%	16889 cd
20%	33778 cd
30%	50667 cd
40%	67556 cd
50%	84445 cd
60%	101334 cd
70%	118223 cd
80%	135112 cd
90%	152000 cd

Conditions:
Number of c-planes: 2
Candela at center: 168889 cd



iso-illuminance Diagram

3%	50.7 lx
5%	84.4 lx
10%	169 lx
30%	507 lx
50%	844 lx

Conditions:
Number of c-planes: 2
Lux at center: 1689 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: 50% Zoom, 7500K

Report Summary

Output

Total Lumens: 2630 lm
Peak Intensity: 279458 cd
Illuminance @ 5m: 11178 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 2.6°
Vertical Beam Angle (50%): 2.6°
Horizontal Field Angle (10%): 8.1°
Vertical Field Angle (10%): 8.1°
Horizontal Cutoff Angle (3%): 18°
Vertical Cutoff Angle (3%): 18°

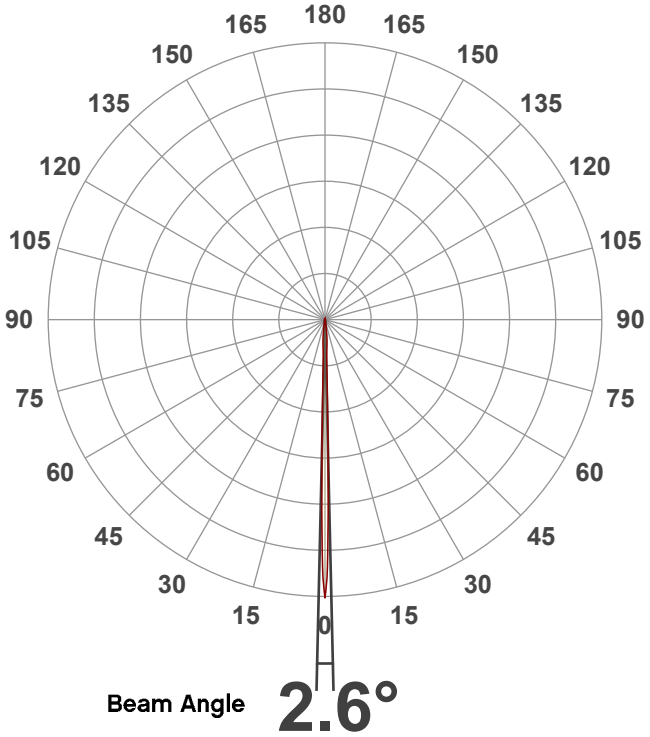
Conditions

AC Supply: 116 V, 60 Hz
Power: 218.78 W
Current: 1.88 A
Power Factor: 0.99

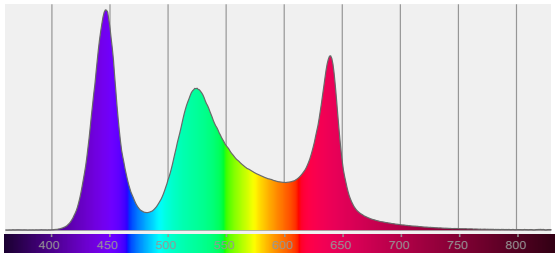
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

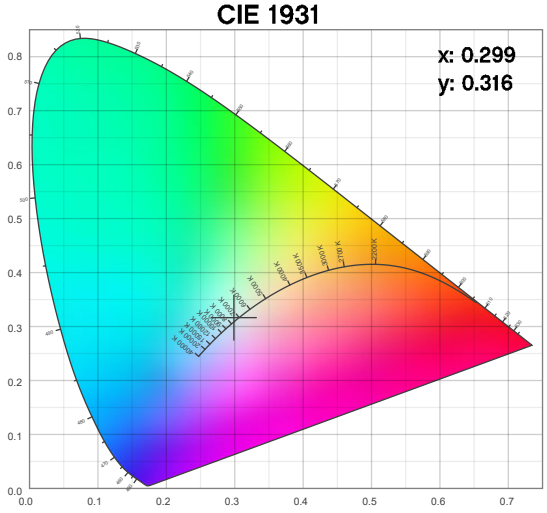
Angular Beam Distribution



Spectral Distribution



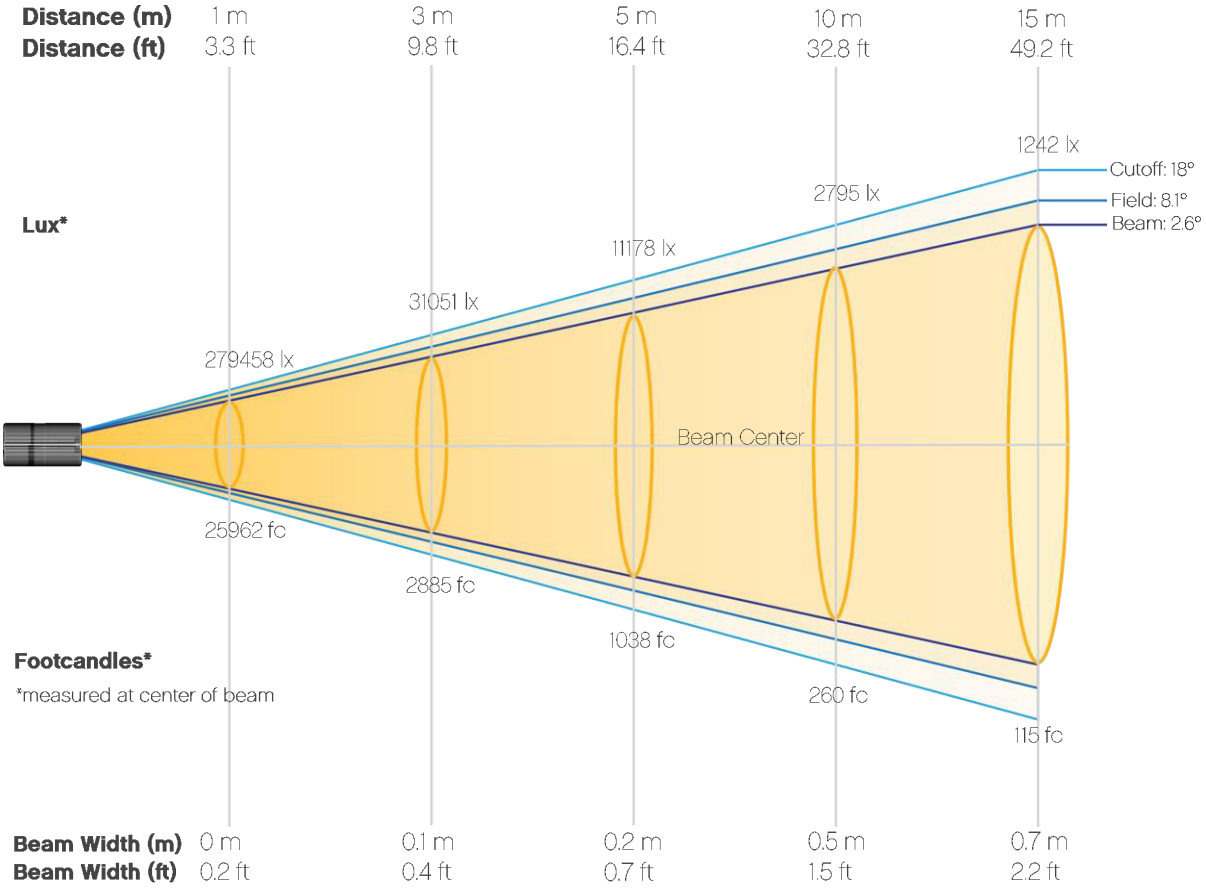
CIE 1931



Photometric Report

Maverick Pyxis: 50% Zoom, 7500K

Beam Details

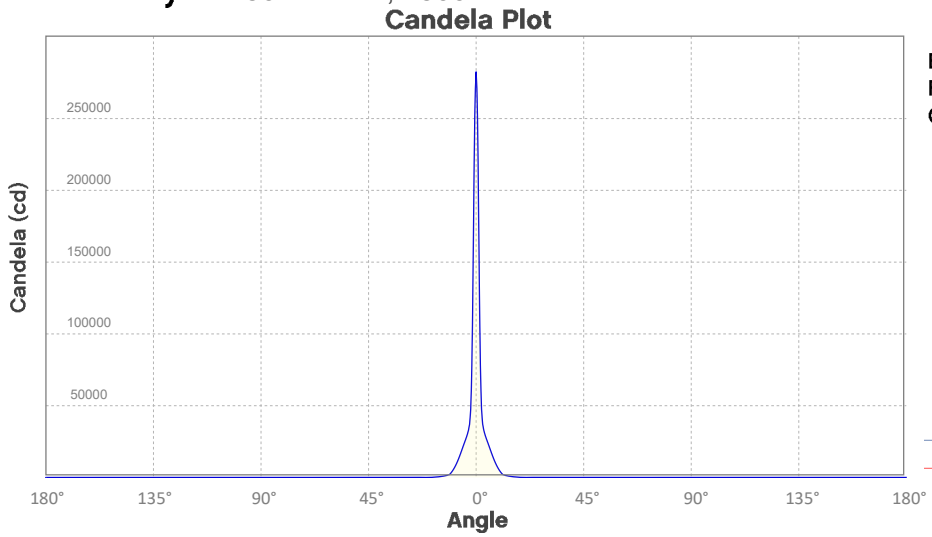


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	279458	69864	31051	17466	11178	7763	5703	4367	3450	2795
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2310	1941	1654	1426	1242	1092	967	863	774	699
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	25962	6491	2885	1623	1038	721	530	406	321	260
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	215	180	154	132	115	101	90	80	72	65

Photometric Report

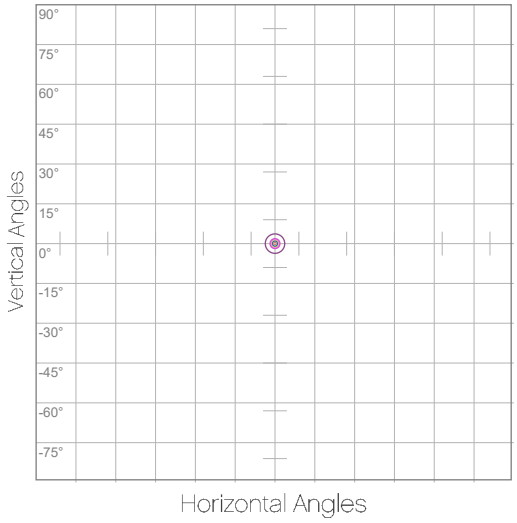
Maverick Pyxis: 50% Zoom, 7500K



Beam Angle (50%): 2.6°
Field Angle (10%): 8.1°
Cutoff Angle (3%): 18°

Horizontal Distribution
Vertical Distribution

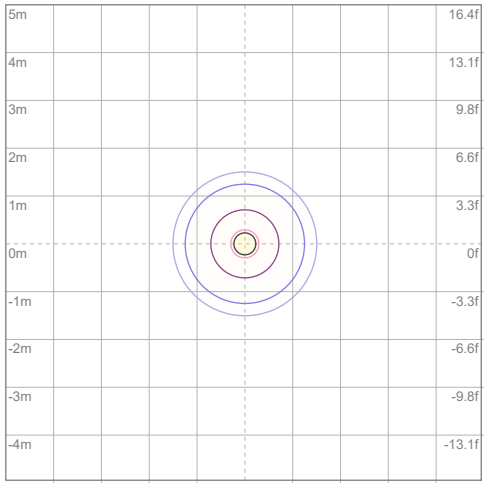
Polar Diagrams



iso-candela Diagram

10%	27946 cd
20%	55892 cd
30%	83837 cd
40%	111783 cd
50%	139729 cd
60%	167675 cd
70%	195621 cd
80%	223566 cd
90%	251512 cd

Conditions:
Number of c-planes: 2
Candela at center: 279458 cd



iso-illuminance Diagram

3%	83.8 lx
5%	140 lx
10%	279 lx
30%	838 lx
50%	1397 lx

Conditions:
Number of c-planes: 2
Lux at center: 2795 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, Full Power

Report Summary

Output

Total Lumens: 698 lm
Peak Intensity: 260307 cd
Illuminance @ 5m: 10412 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 2.4°
Vertical Beam Angle (50%): 2.4°
Horizontal Field Angle (10%): 4.3°
Vertical Field Angle (10%): 4.3°
Horizontal Cutoff Angle (3%): 5.6°
Vertical Cutoff Angle (3%): 5.6°

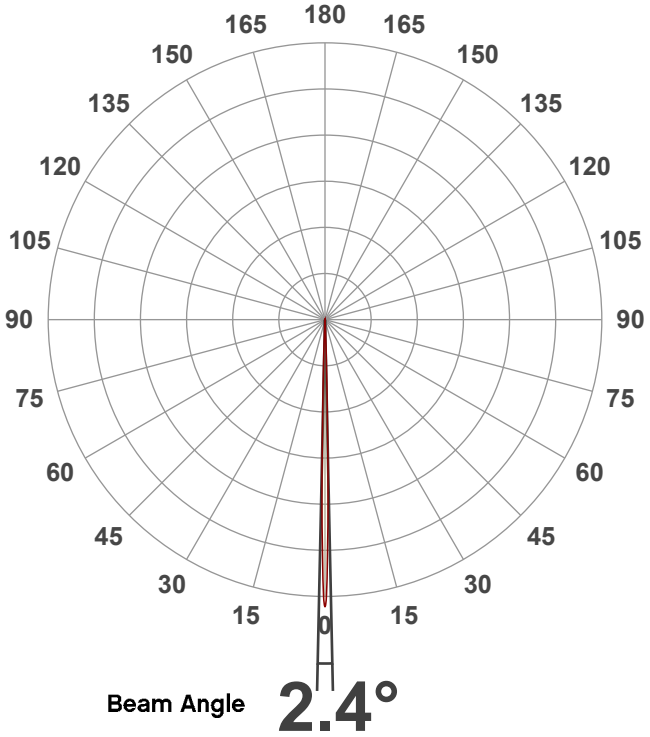
Conditions

AC Supply: 117 V, 60.1 Hz
Power: 107.72 W
Current: 0.917 A
Power Factor: 0.98

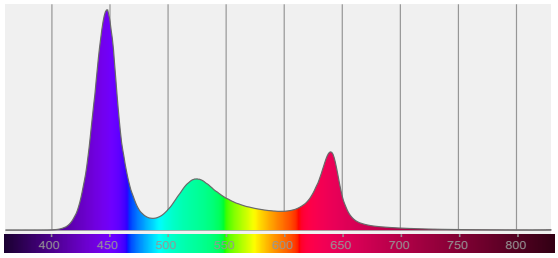
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

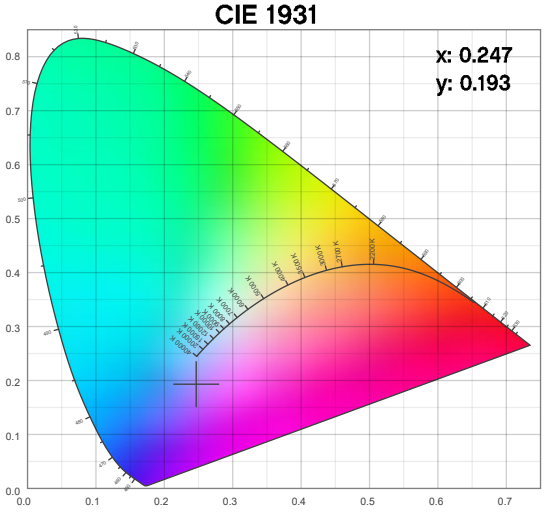
Angular Beam Distribution



Spectral Distribution



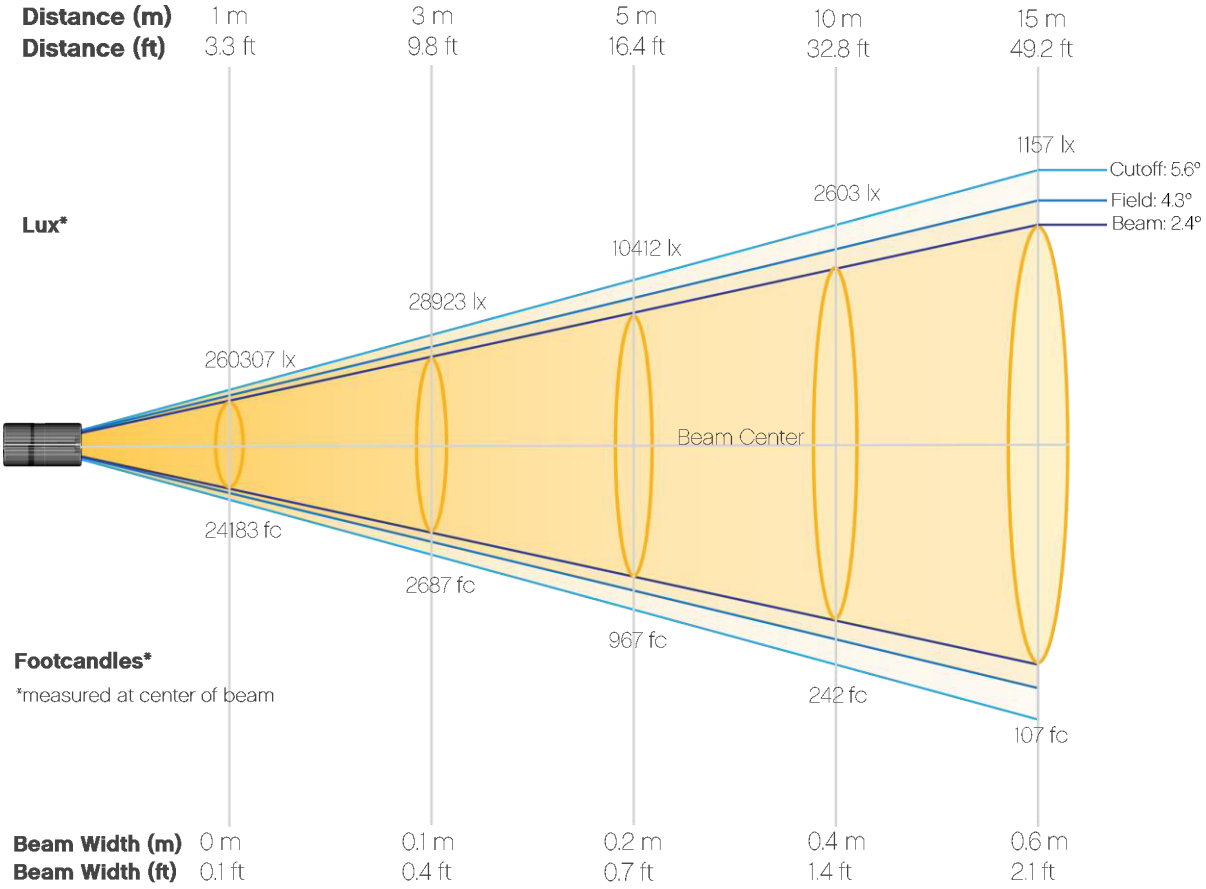
CIE 1931



Photometric Report

Maverick Pyxis: Center, Full Power

Beam Details

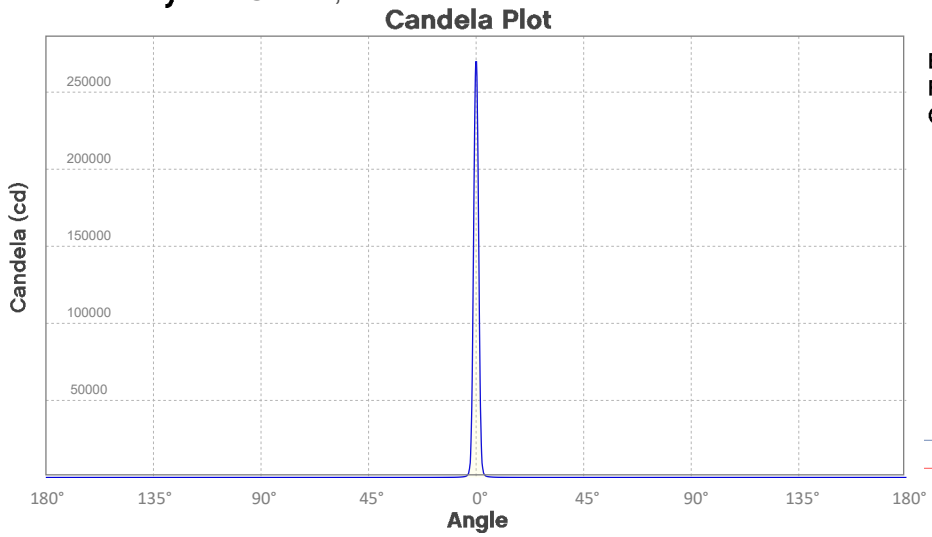


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	260307	65077	28923	16269	10412	7231	5312	4067	3214	2603
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2151	1808	1540	1328	1157	1017	901	803	721	651
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	24183	6046	2687	1511	967	672	494	378	299	242
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	200	168	143	123	107	94	84	75	67	60

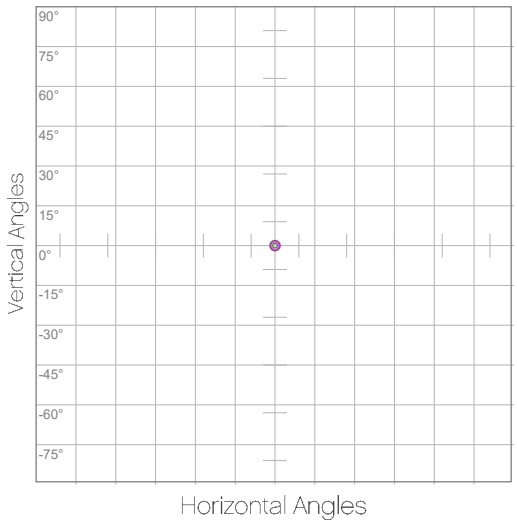
Photometric Report

Maverick Pyxis: Center, Full Power



Beam Angle (50%): 2.4°
Field Angle (10%): 4.3°
Cutoff Angle (3%): 5.6°

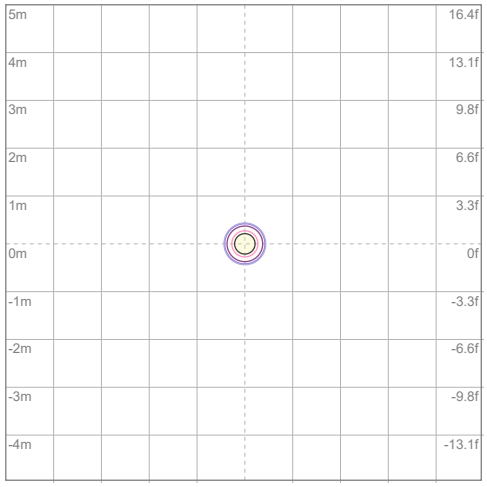
Polar Diagrams



iso-candela Diagram

10%	26031 cd
20%	52061 cd
30%	78092 cd
40%	104123 cd
50%	130154 cd
60%	156184 cd
70%	182215 cd
80%	208246 cd
90%	234277 cd

Conditions:
Number of c-planes: 2
Candela at center: 260307 cd



iso-illuminance Diagram

3%	78.1 lx
5%	130 lx
10%	260 lx
30%	781 lx
50%	1302 lx

Conditions:
Number of c-planes: 2
Lux at center: 2603 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, Red Only

Report Summary

Output

Total Lumens: 251 lm
Peak Intensity: 39218 cd
Illuminance @ 5m: 1569 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 2.3°
Vertical Beam Angle (50%): 2.3°
Horizontal Field Angle (10%): 4°
Vertical Field Angle (10%): 4°
Horizontal Cutoff Angle (3%): 5.2°
Vertical Cutoff Angle (3%): 5.2°

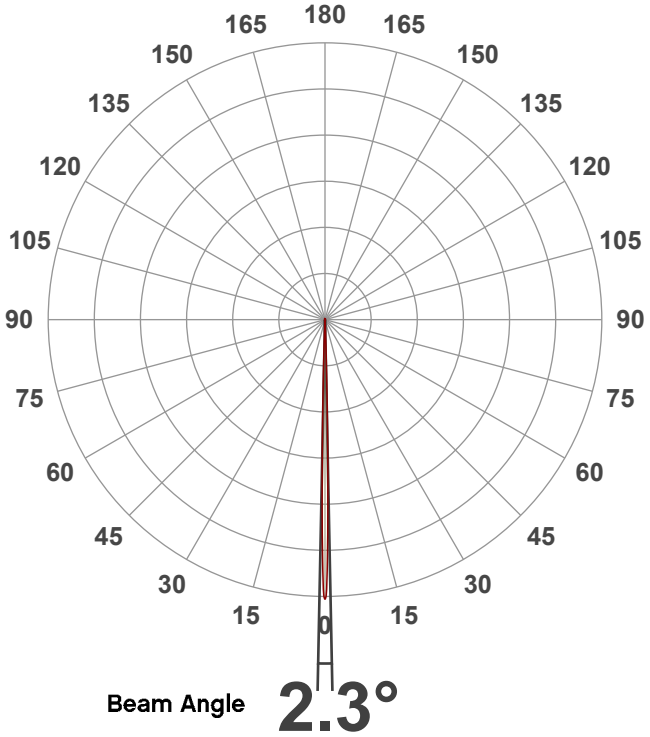
Conditions

AC Supply: 116 V, 60 Hz
Power: 67.9 W
Current: 0.584 A
Power Factor: 0.98

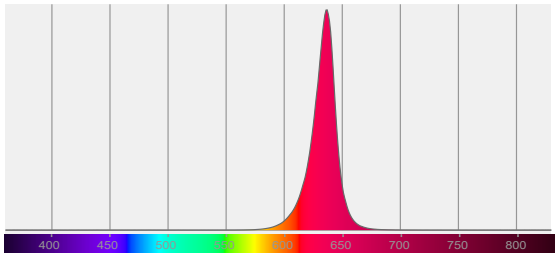
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

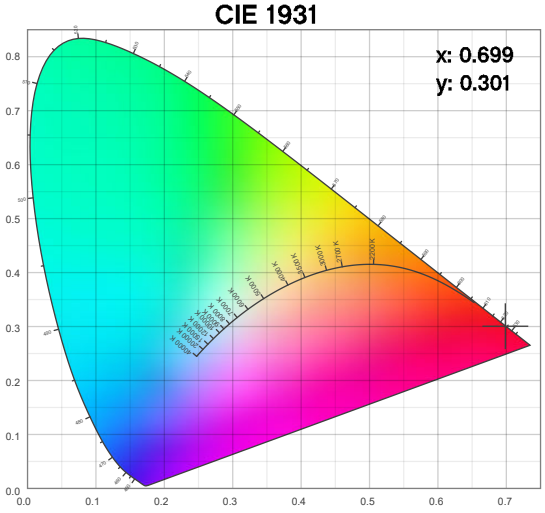
Angular Beam Distribution



Spectral Distribution



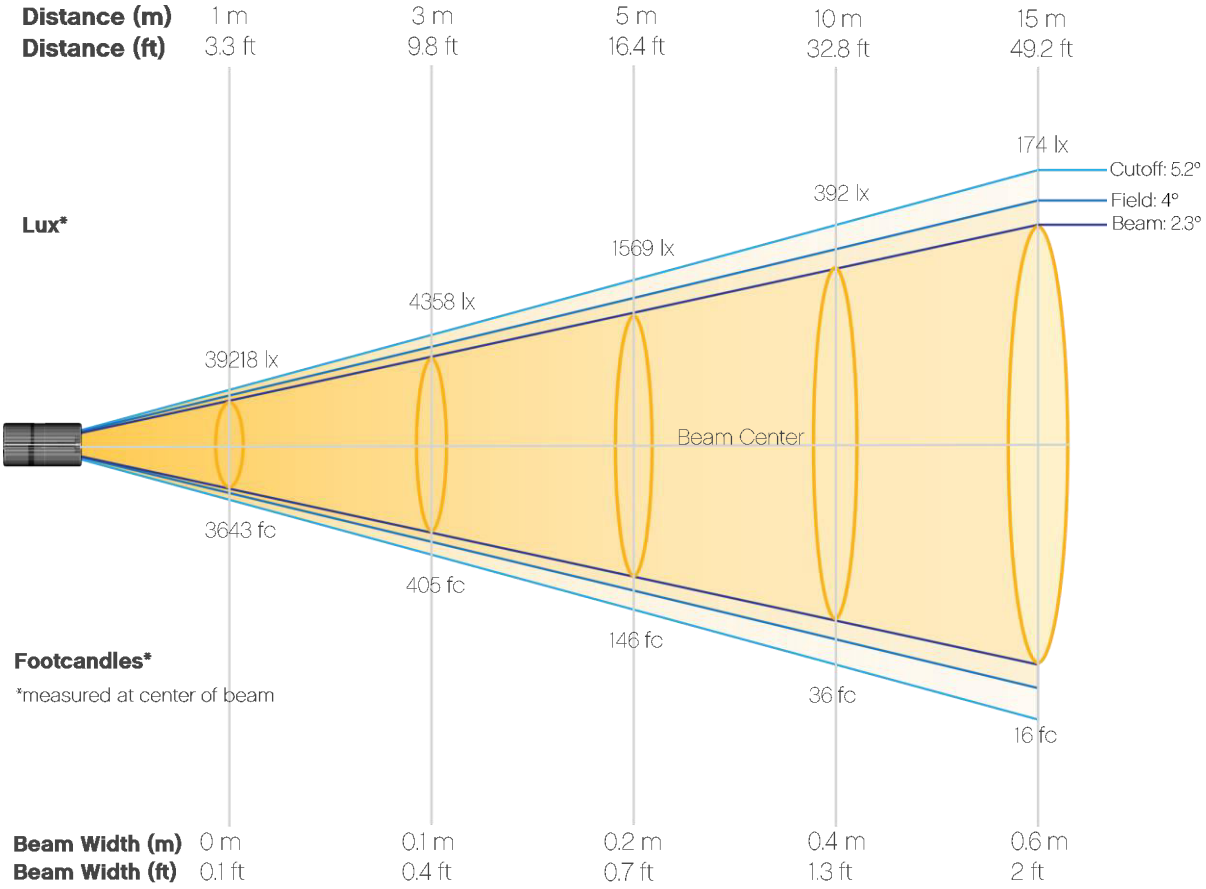
CIE 1931



Photometric Report

Maverick Pyxis: Center, Red Only

Beam Details

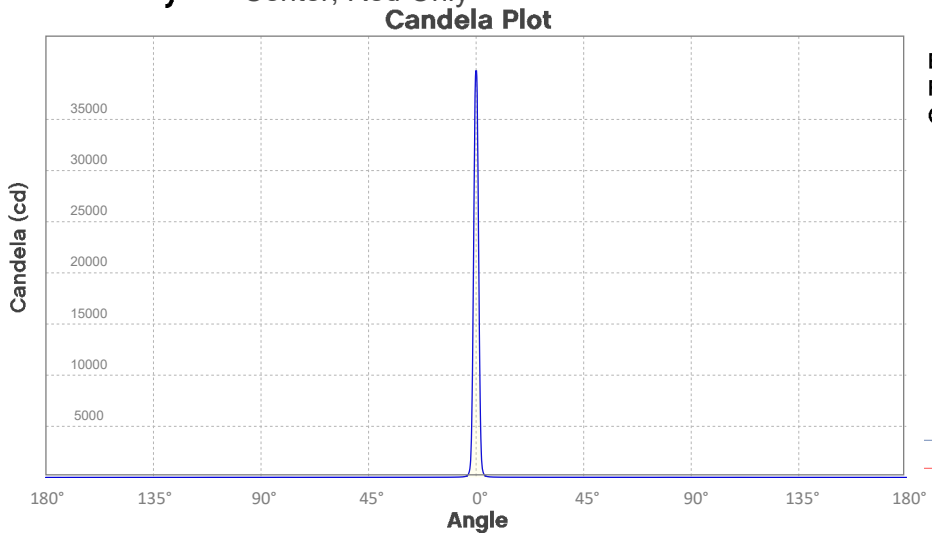


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	39218	9804	4358	2451	1569	1089	800	613	484	392
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	324	272	232	200	174	153	136	121	109	98
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3643	911	405	228	146	101	74	57	45	36
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	30	25	22	19	16	14	13	11	10	9

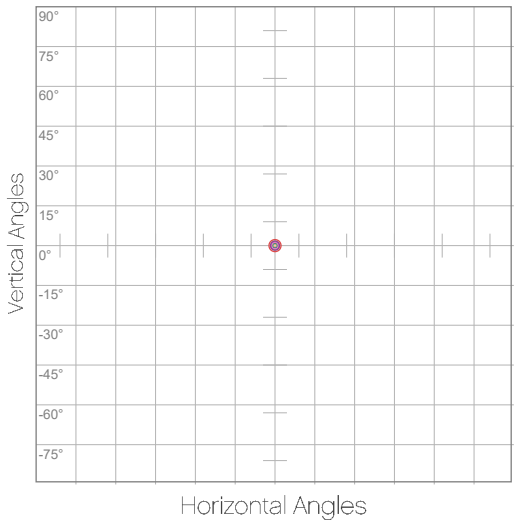
Photometric Report

Maverick Pyxis: Center, Red Only



Beam Angle (50%): 2.3°
Field Angle (10%): 4°
Cutoff Angle (3%): 5.2°

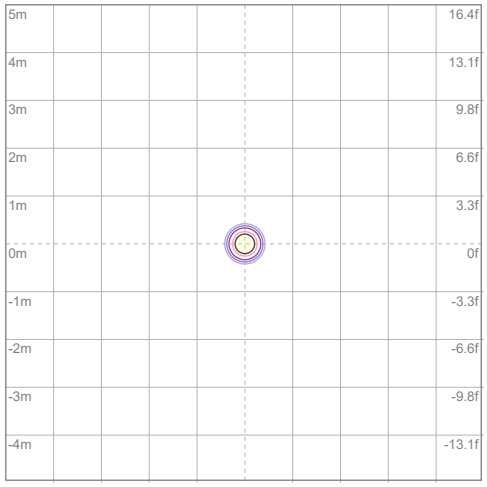
Polar Diagrams



iso-candela Diagram

10%	3922 cd
20%	7844 cd
30%	11765 cd
40%	15687 cd
50%	19609 cd
60%	23531 cd
70%	27452 cd
80%	31374 cd
90%	35296 cd

Conditions:
Number of c-planes: 2
Candela at center: 39218 cd



iso-illuminance Diagram

3%	11.8 lx
5%	19.6 lx
10%	39.2 lx
30%	118 lx
50%	196 lx

Conditions:
Number of c-planes: 2
Lux at center: 392 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, Green Only

Report Summary

Output

Total Lumens: 386 lm
Peak Intensity: 86227 cd
Illuminance @ 5m: 3449 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 2.4°
Vertical Beam Angle (50%): 2.4°
Horizontal Field Angle (10%): 4.1°
Vertical Field Angle (10%): 4.1°
Horizontal Cutoff Angle (3%): 5.2°
Vertical Cutoff Angle (3%): 5.2°

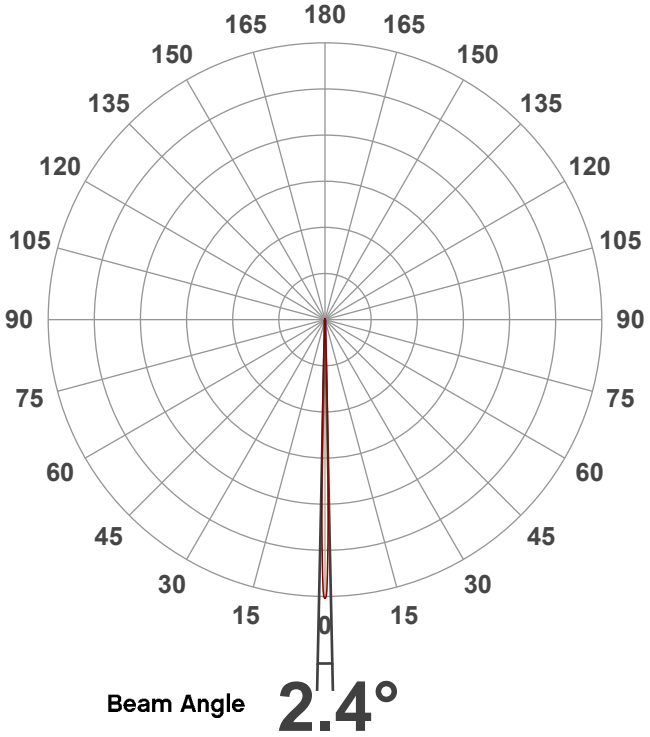
Conditions

AC Supply: 116 V, 60 Hz
Power: 73.33 W
Current: 0.631 A
Power Factor: 0.98

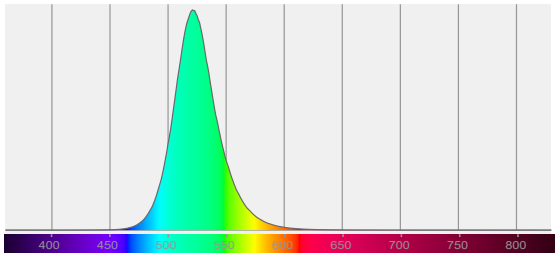
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

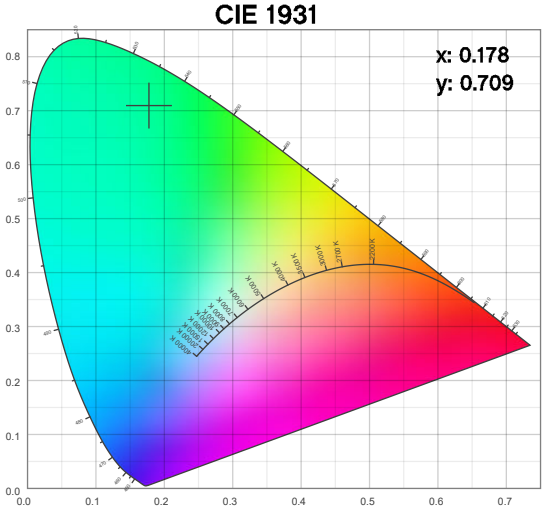
Angular Beam Distribution



Spectral Distribution



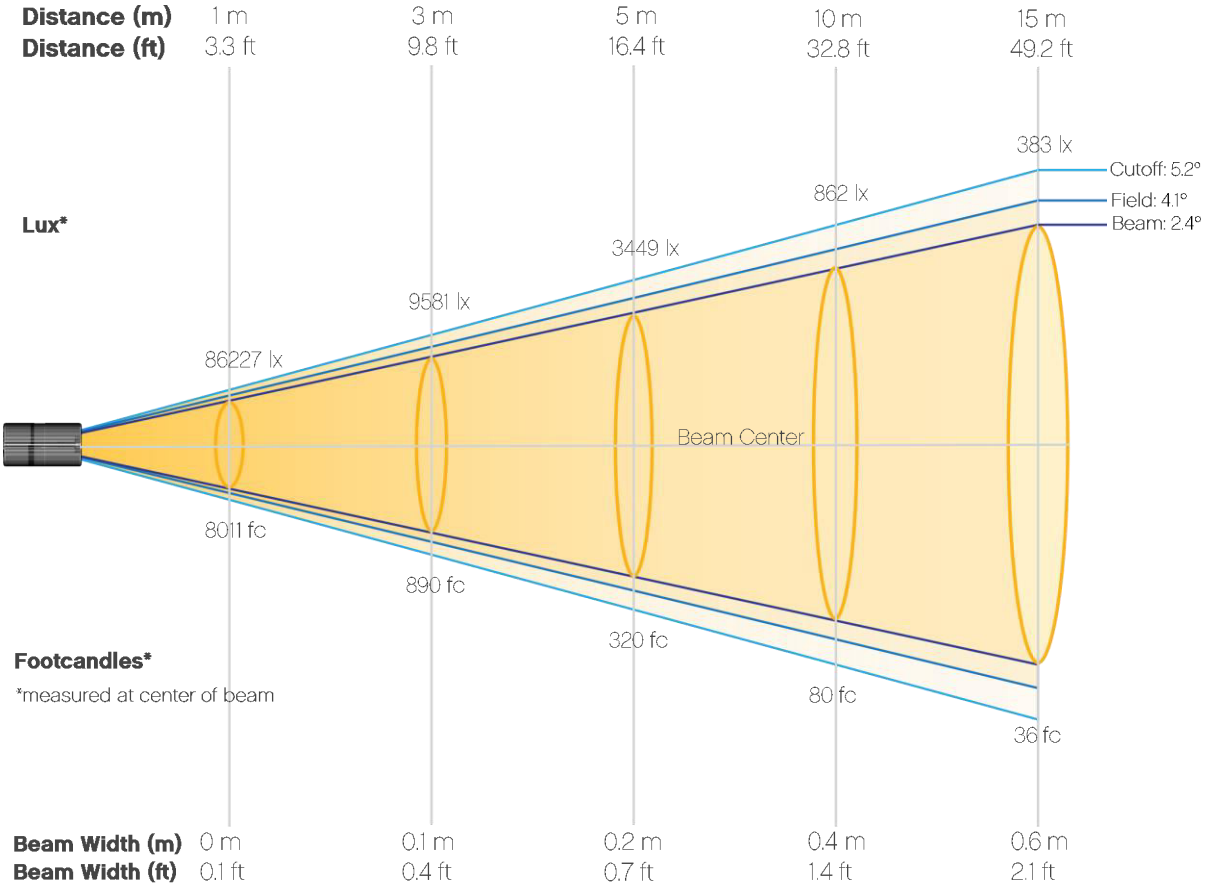
CIE 1931



Photometric Report

Maverick Pyxis: Center, Green Only

Beam Details

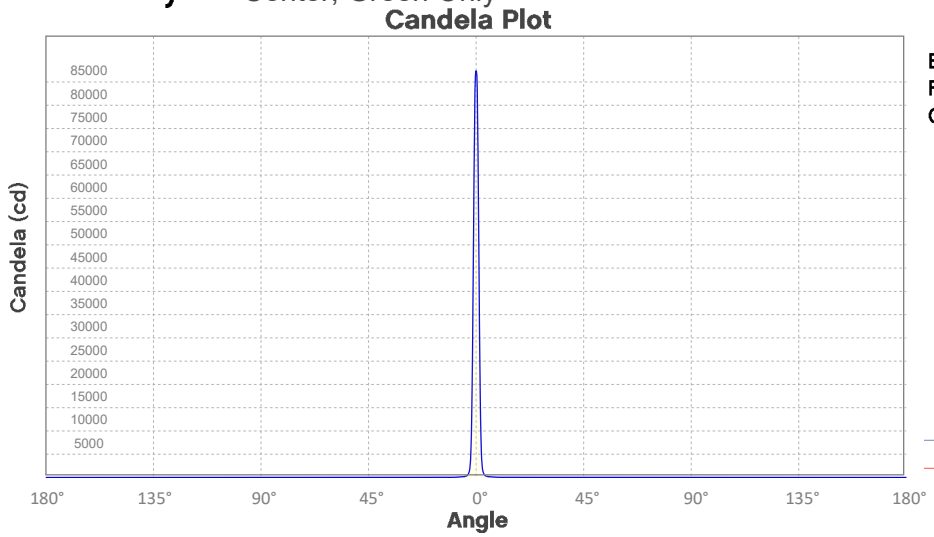


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	86227	21557	9581	5389	3449	2395	1760	1347	1065	862
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	713	599	510	440	383	337	298	266	239	216
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	8011	2003	890	501	320	223	163	125	99	80
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	66	56	47	41	36	31	28	25	22	20

Photometric Report

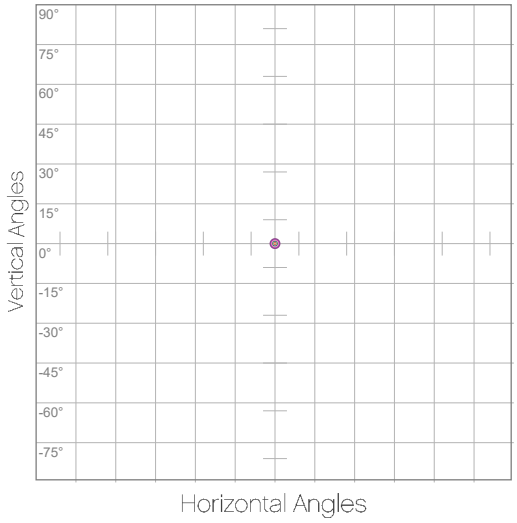
Maverick Pyxis: Center, Green Only



Beam Angle (50%): 2.4°
Field Angle (10%): 4.1°
Cutoff Angle (3%): 5.2°

Horizontal Distribution
Vertical Distribution

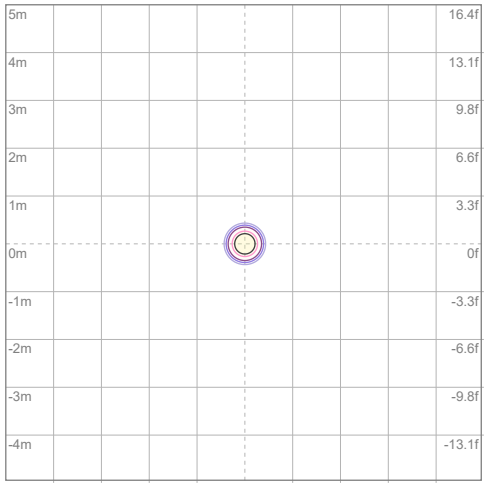
Polar Diagrams



iso-candela Diagram

10%	8623 cd
20%	17245 cd
30%	25868 cd
40%	34491 cd
50%	43113 cd
60%	51736 cd
70%	60359 cd
80%	68981 cd
90%	77604 cd

Conditions:
Number of c-planes: 2
Candela at center: 86227 cd



iso-illuminance Diagram

3%	25.9 lx
5%	43.1 lx
10%	86.2 lx
30%	259 lx
50%	431 lx

Conditions:
Number of c-planes: 2
Lux at center: 862 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, Blue Only

Report Summary

Output

Total Lumens: 285 lm
Peak Intensity: 16926 cd
Illuminance @ 5m: 677 lux
Fixture Efficacy: 4 lm/W

Optical

Horizontal Beam Angle (50%): 2.5°
Vertical Beam Angle (50%): 2.5°
Horizontal Field Angle (10%): 4.3°
Vertical Field Angle (10%): 4.3°
Horizontal Cutoff Angle (3%): 5.5°
Vertical Cutoff Angle (3%): 5.5°

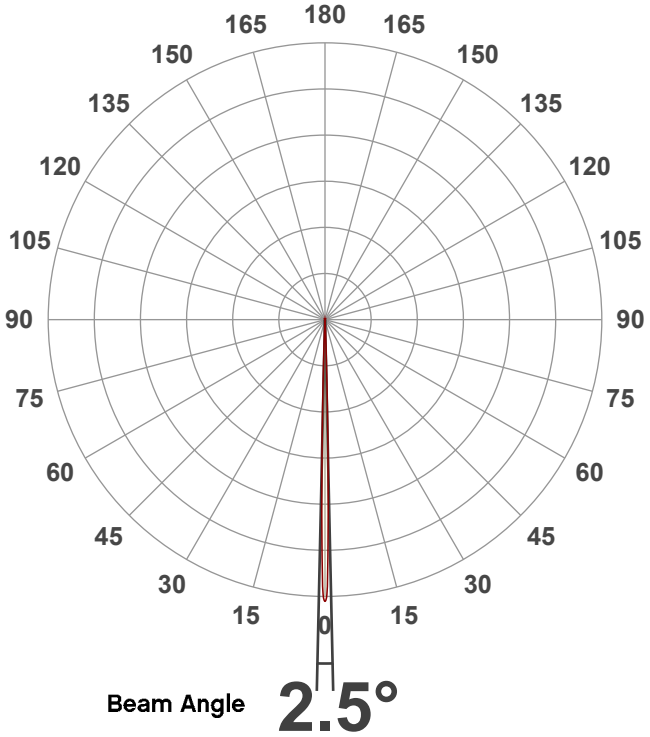
Conditions

AC Supply: 116 V, 60.1 Hz
Power: 70.76 W
Current: 0.609 A
Power Factor: 0.98

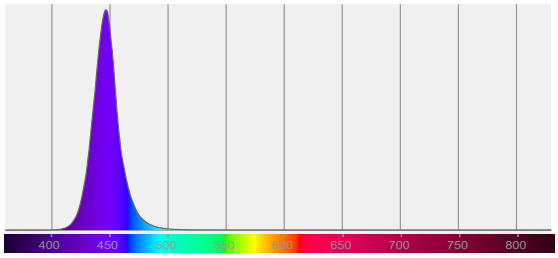
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

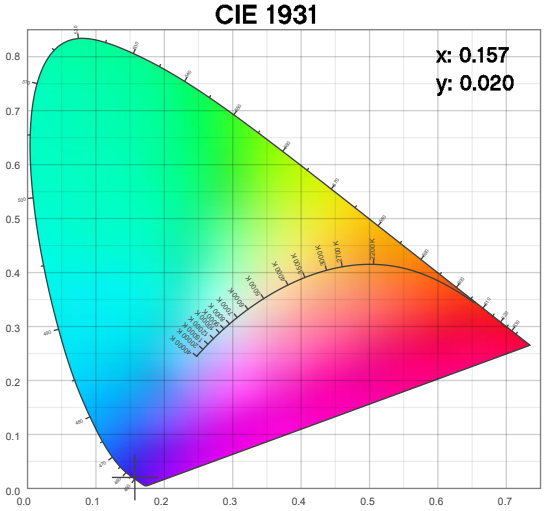
Angular Beam Distribution



Spectral Distribution



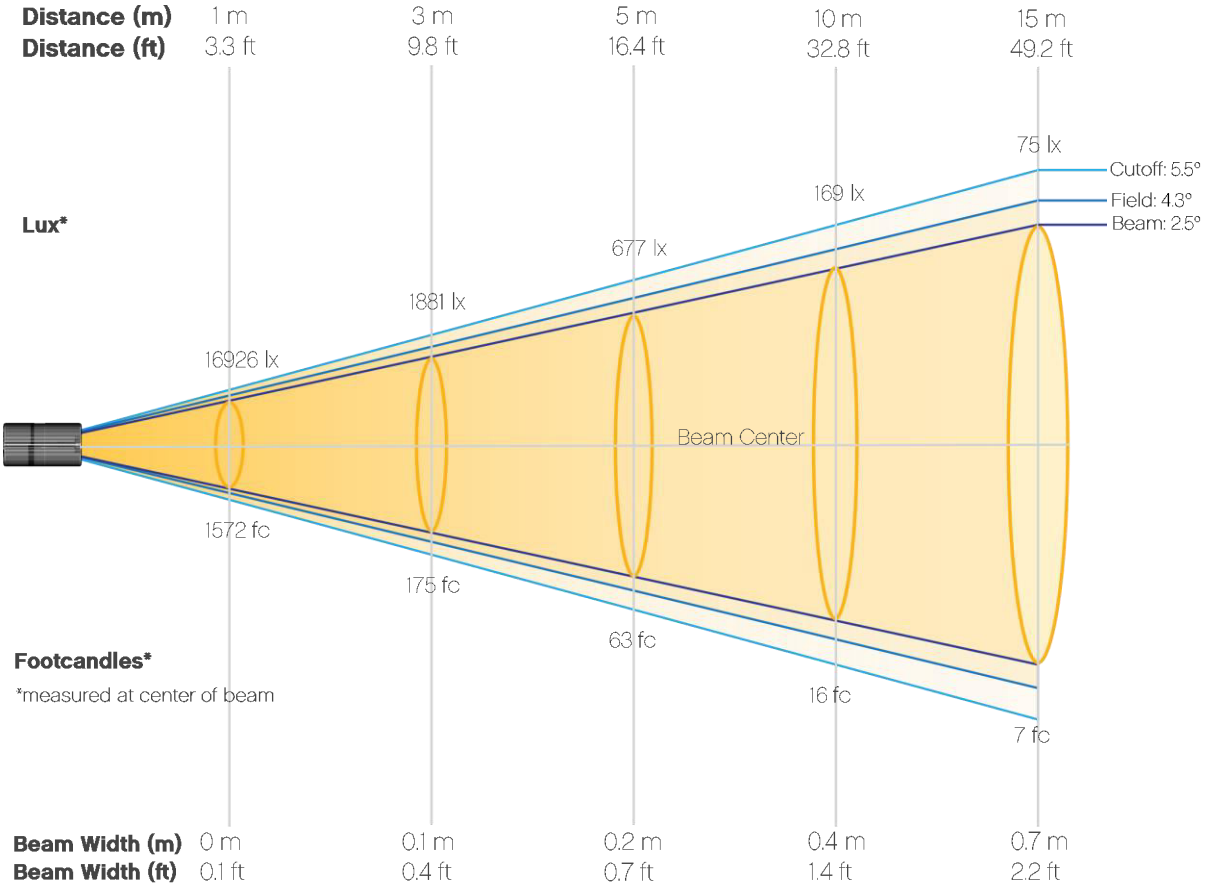
CIE 1931



Photometric Report

Maverick Pyxis: Center, Blue Only

Beam Details

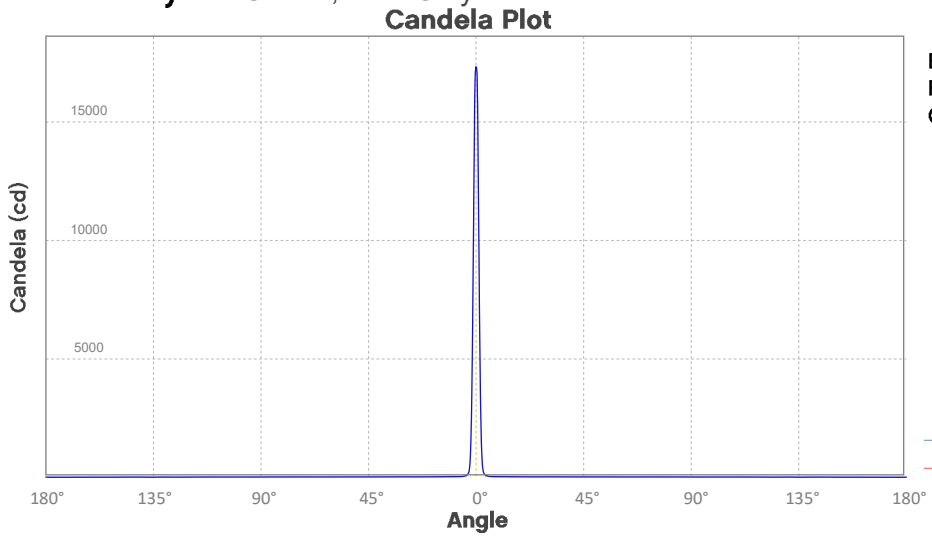


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	16926	4231	1881	1058	677	470	345	264	209	169
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	140	118	100	86	75	66	59	52	47	42
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1572	393	175	98	63	44	32	25	19	16
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	13	11	9	8	7	6	5	5	4	4

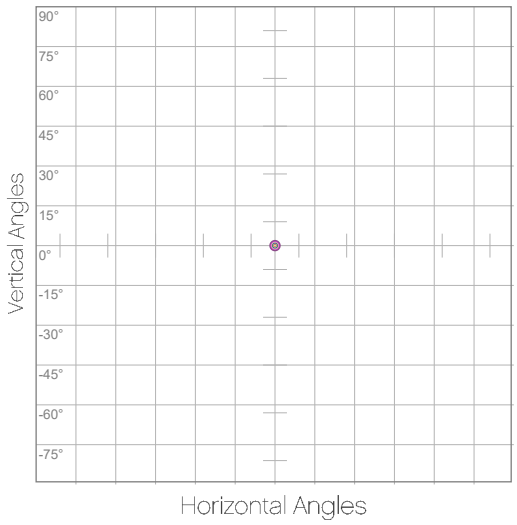
Photometric Report

Maverick Pyxis: Center, Blue Only



Beam Angle (50%): 2.5°
Field Angle (10%): 4.3°
Cutoff Angle (3%): 5.5°

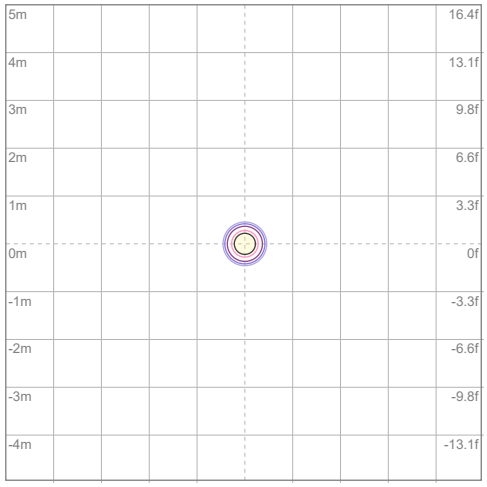
Polar Diagrams



iso-candela Diagram

10%	1693 cd
20%	3385 cd
30%	5078 cd
40%	6770 cd
50%	8463 cd
60%	10155 cd
70%	11848 cd
80%	13541 cd
90%	15233 cd

Conditions:
Number of c-planes: 2
Candela at center: 16926 cd



iso-illuminance Diagram

3%	5.08 lx
5%	8.46 lx
10%	16.9 lx
30%	50.8 lx
50%	84.6 lx

Conditions:
Number of c-planes: 2
Lux at center: 169 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, White Only

Report Summary

Output

Total Lumens: 338 lm
Peak Intensity: 147274 cd
Illuminance @ 5m: 5891 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 2.3°
Vertical Beam Angle (50%): 2.3°
Horizontal Field Angle (10%): 4°
Vertical Field Angle (10%): 4°
Horizontal Cutoff Angle (3%): 5.4°
Vertical Cutoff Angle (3%): 5.4°

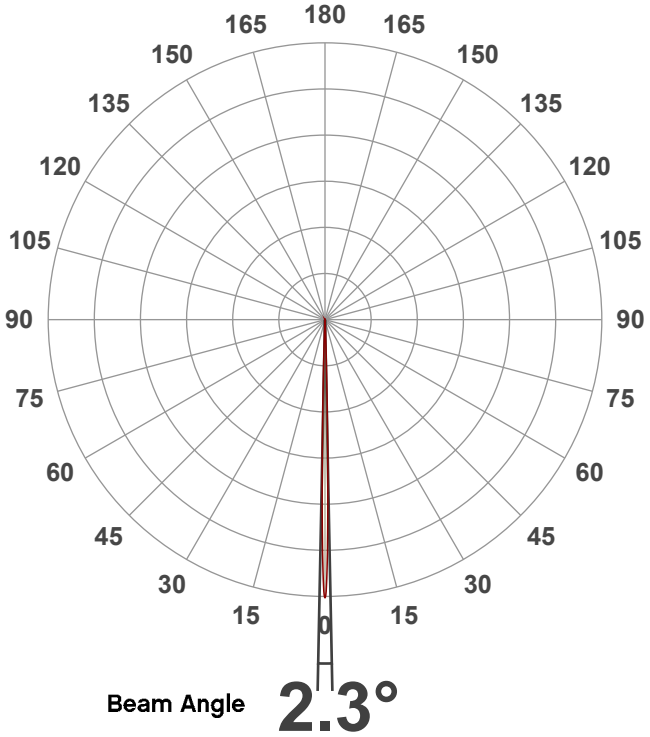
Conditions

AC Supply: 118 V, 60.1 Hz
Power: 71.6 W
Current: 0.607 A
Power Factor: 0.98

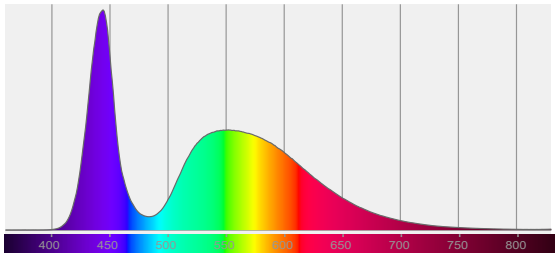
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

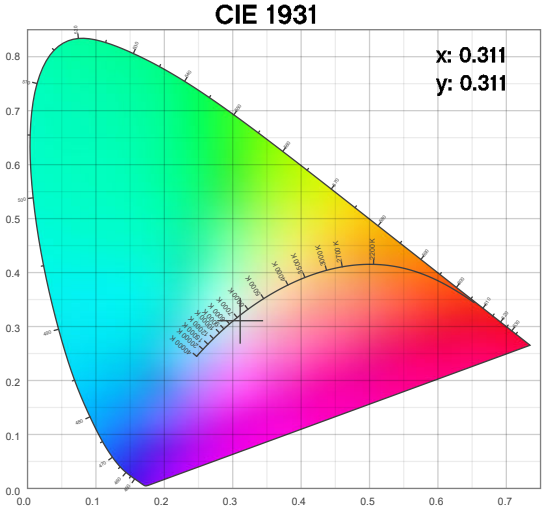
Angular Beam Distribution



Spectral Distribution



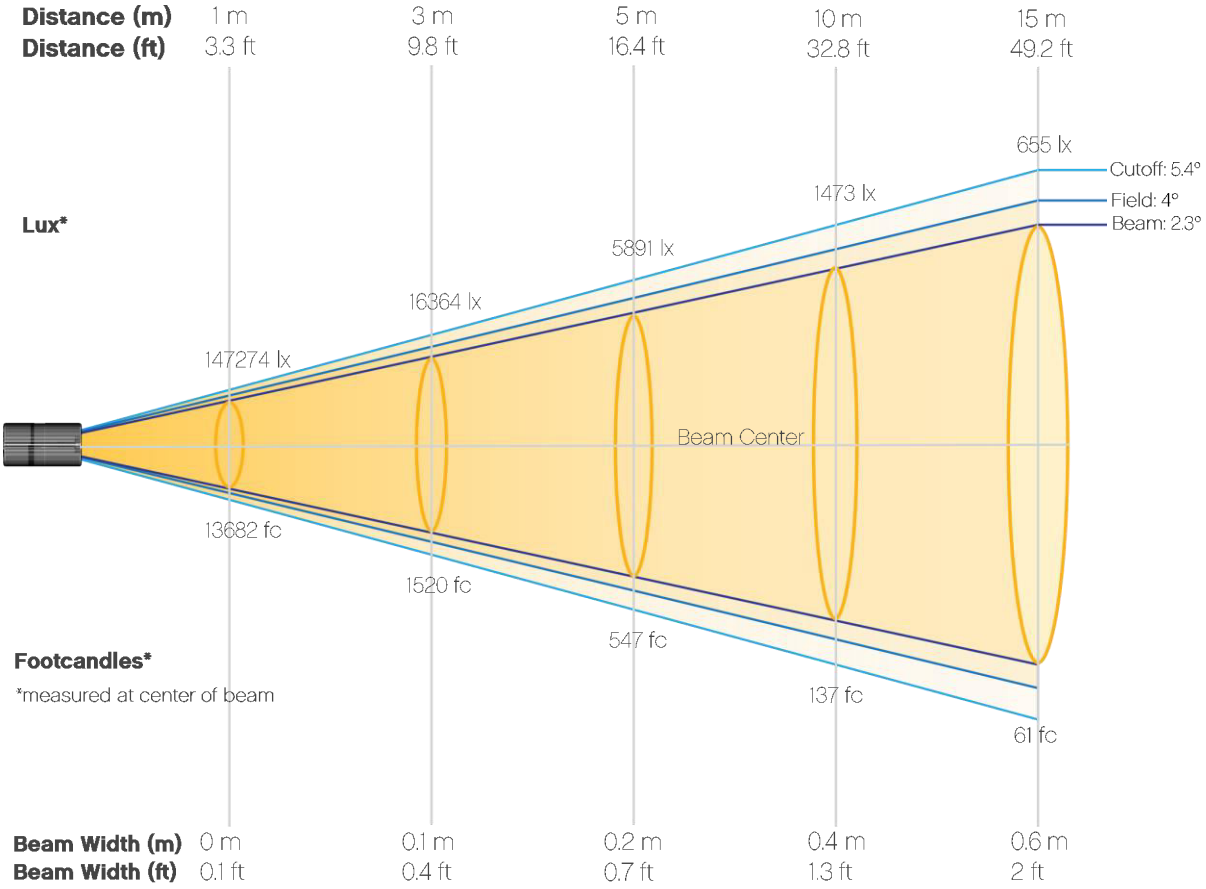
CIE 1931



Photometric Report

Maverick Pyxis: Center, White Only

Beam Details



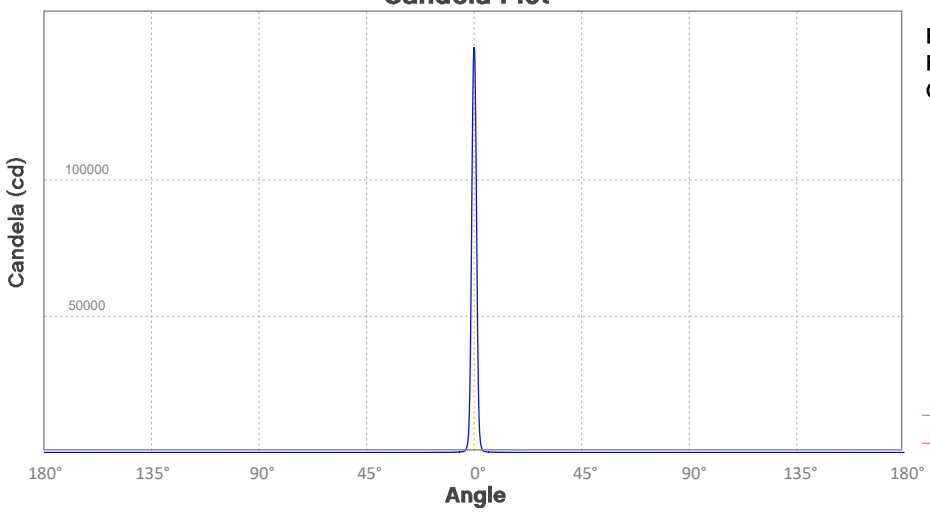
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	147274	36819	16364	9205	5891	4091	3006	2301	1818	1473
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	1217	1023	871	751	655	575	510	455	408	368
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	13682	3421	1520	855	547	380	279	214	169	137
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	113	95	81	70	61	53	47	42	38	34

Photometric Report

Maverick Pyxis: Center, White Only

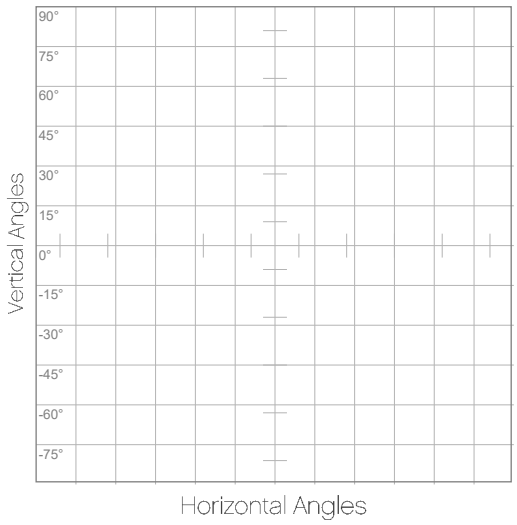
Candela Plot



Beam Angle (50%): 2.3°
Field Angle (10%): 4°
Cutoff Angle (3%): 5.4°

Horizontal Distribution
Vertical Distribution

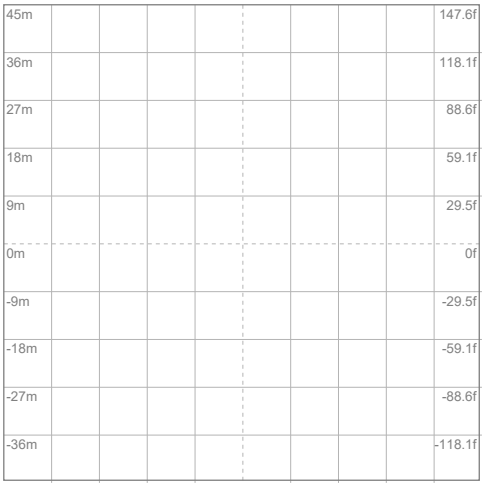
Polar Diagrams



iso-candela Diagram

10%	14727 cd
20%	29455 cd
30%	44182 cd
40%	58910 cd
50%	73637 cd
60%	88365 cd
70%	103092 cd
80%	117820 cd
90%	132547 cd

Conditions:
Number of c-planes: 2
Candela at center: 147274 cd



iso-illuminance Diagram

3%	44.2 lx
5%	73.6 lx
10%	147 lx
30%	442 lx
50%	736 lx

Conditions:
Number of c-planes: 2
Lux at center: 1473 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Center, 7500K

Report Summary

Output

Total Lumens: 550 lm
Peak Intensity: 249628 cd
Illuminance @ 5m: 9985 lux
Fixture Efficacy: 6 lm/W

Optical

Horizontal Beam Angle (50%): 2.3°
Vertical Beam Angle (50%): 2.3°
Horizontal Field Angle (10%): 4.1°
Vertical Field Angle (10%): 4.1°
Horizontal Cutoff Angle (3%): 5.3°
Vertical Cutoff Angle (3%): 5.3°

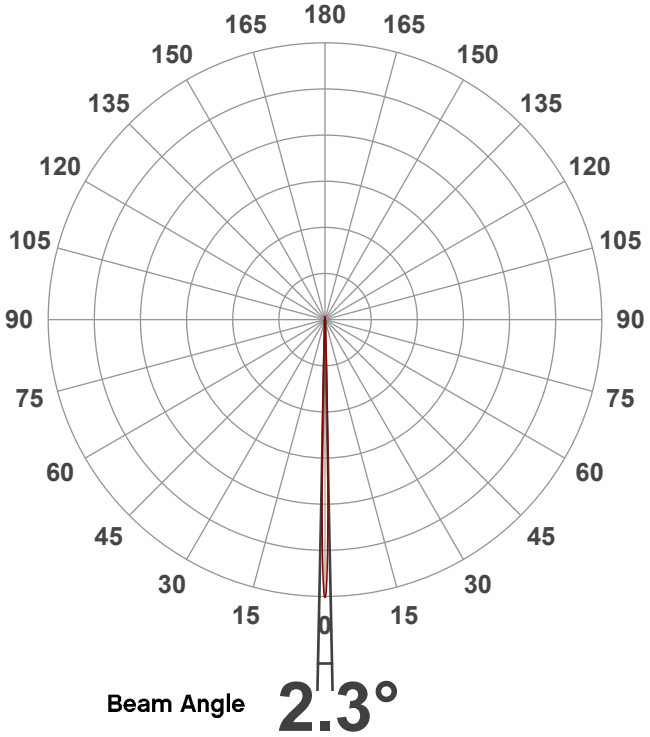
Conditions

AC Supply: 117 V, 60 Hz
Power: 92.65 W
Current: 0.795 A
Power Factor: 0.99

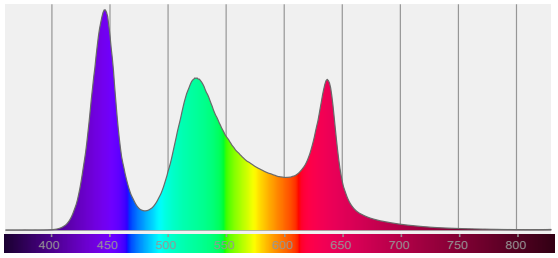
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

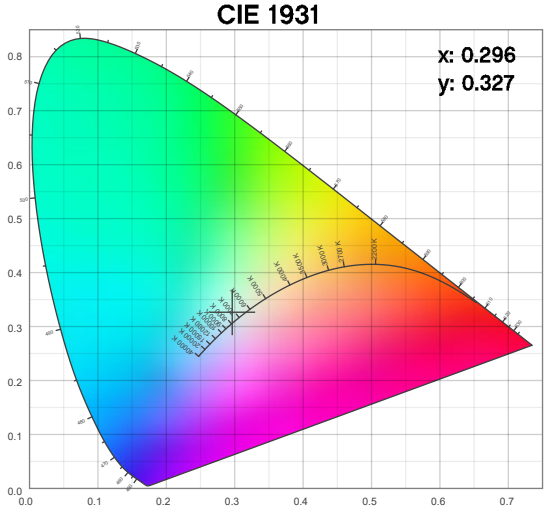
Angular Beam Distribution



Spectral Distribution



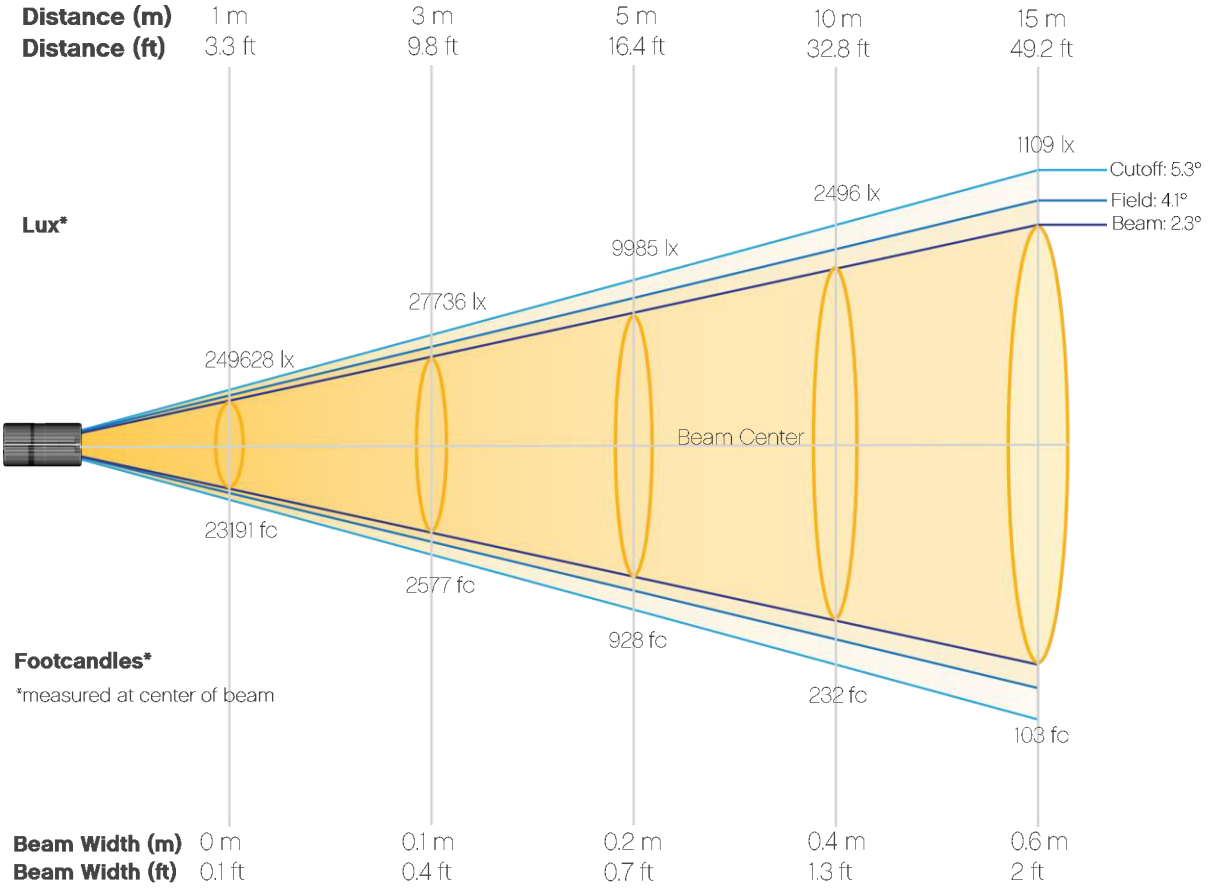
CIE 1931



Photometric Report

Maverick Pyxis: Center, 7500K

Beam Details

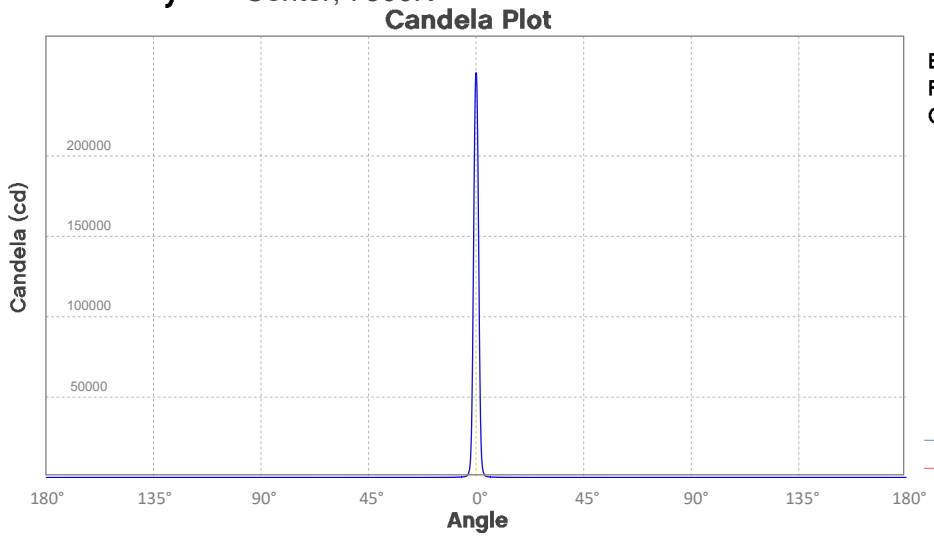


Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	249628	62407	27736	15602	9985	6934	5094	3900	3082	2496
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	2063	1734	1477	1274	1109	975	864	770	691	624
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	23191	5798	2577	1449	928	644	473	362	286	232
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	192	161	137	118	103	91	80	72	64	58

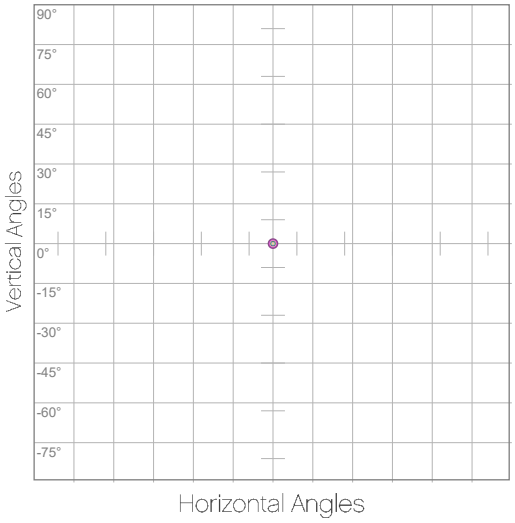
Photometric Report

Maverick Pyxis: Center, 7500K



Beam Angle (50%): 2.3°
Field Angle (10%): 4.1°
Cutoff Angle (3%): 5.3°

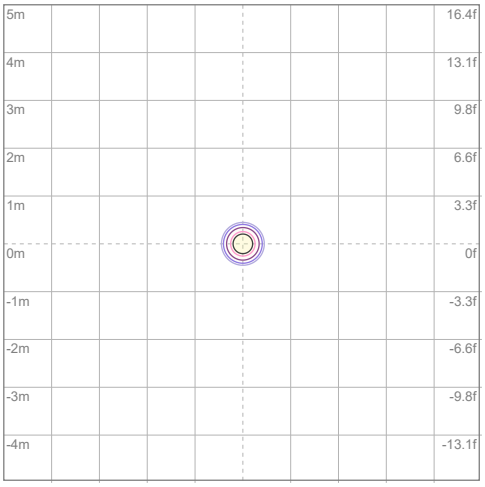
Polar Diagrams



iso-candela Diagram

10%	24963 cd
20%	49926 cd
30%	74889 cd
40%	99851 cd
50%	124814 cd
60%	149777 cd
70%	174740 cd
80%	199703 cd
90%	224666 cd

Conditions:
Number of c-planes: 2
Candela at center: 249628 cd



iso-illuminance Diagram

3%	74.9 lx
5%	125 lx
10%	250 lx
30%	749 lx
50%	1248 lx

Conditions:
Number of c-planes: 2
Lux at center: 2496 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, Full Power

Report Summary

Output

Total Lumens: 3233 lm
Peak Intensity: 10937 cd
Illuminance @ 5m: 437 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 32°
Vertical Beam Angle (50%): 32°
Horizontal Field Angle (10%): 47.8°
Vertical Field Angle (10%): 47.8°
Horizontal Cutoff Angle (3%): 58.4°
Vertical Cutoff Angle (3%): 58.4°

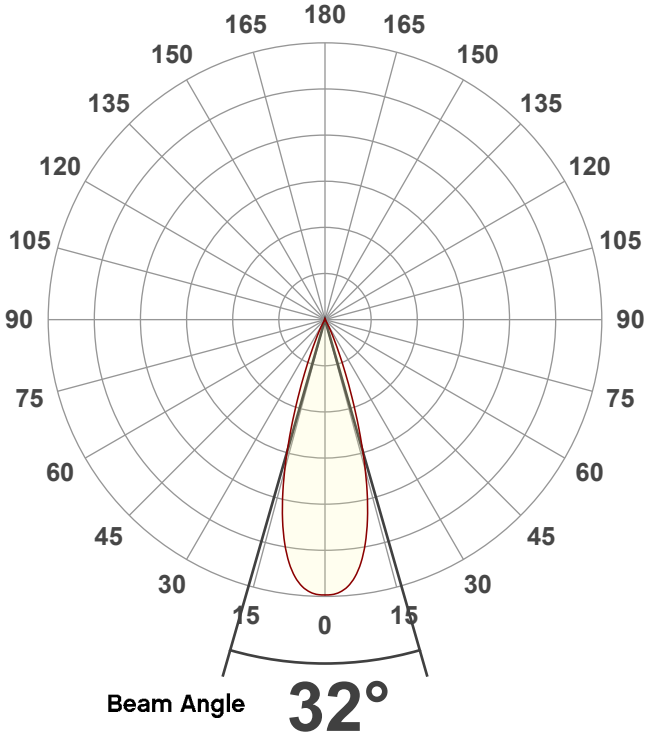
Conditions

AC Supply: 116 V, 60 Hz
Power: 206.69 W
Current: 1.78 A
Power Factor: 0.99

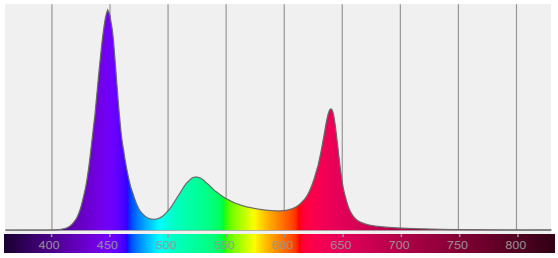
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

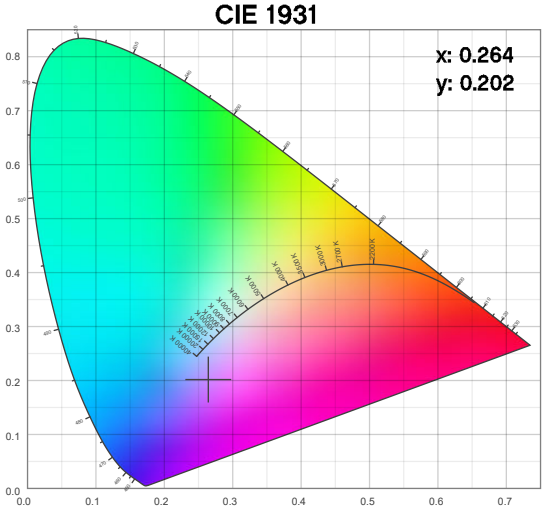
Angular Beam Distribution



Spectral Distribution



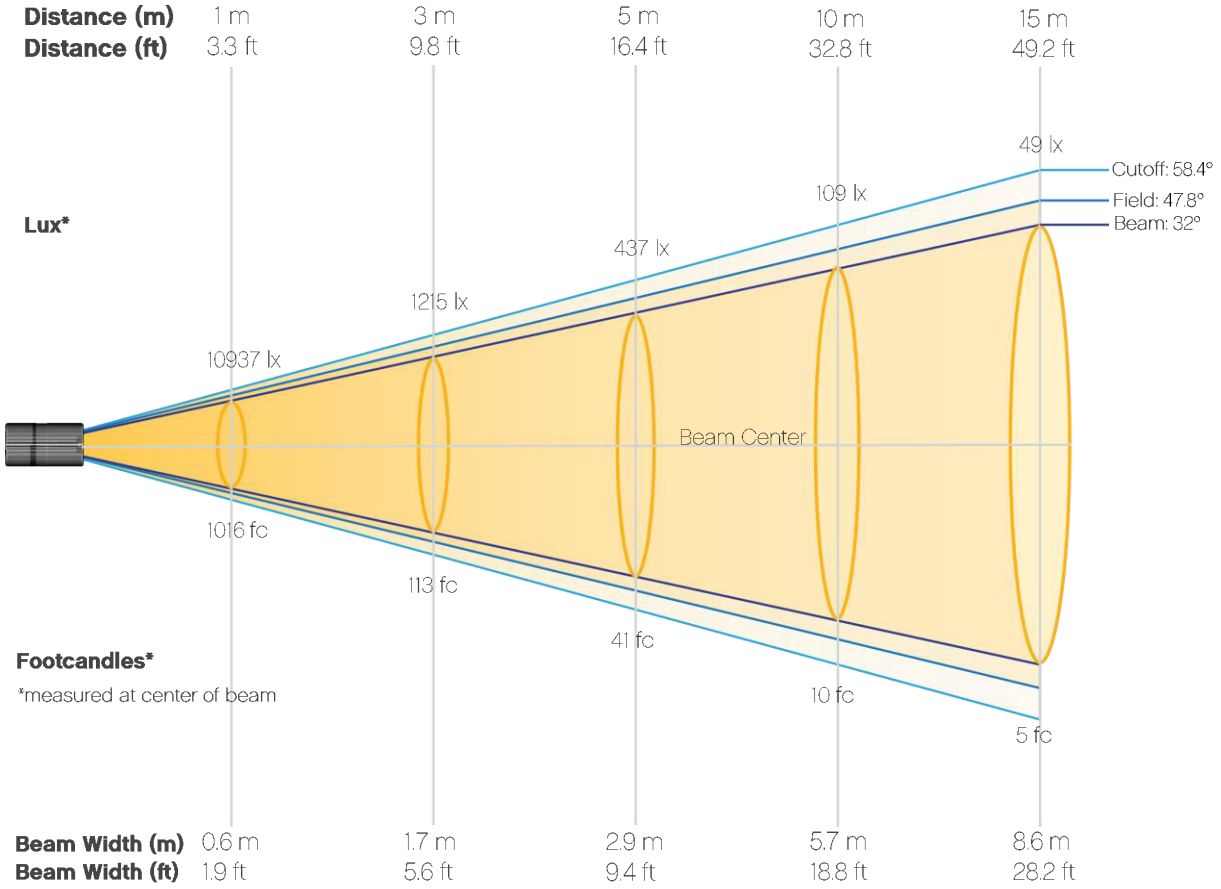
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, Full Power

Beam Details



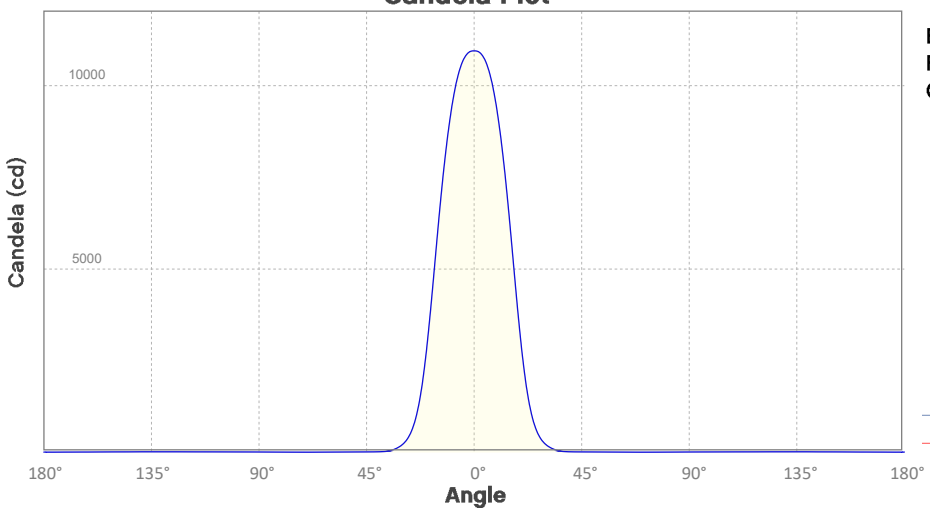
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10937	2734	1215	684	437	304	223	171	135	109
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	90	76	65	56	49	43	38	34	30	27
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1016	254	113	64	41	28	21	16	13	10
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	8	7	6	5	5	4	4	3	3	3

Photometric Report

Maverick Pyxis: Ring - Full Flood, Full Power

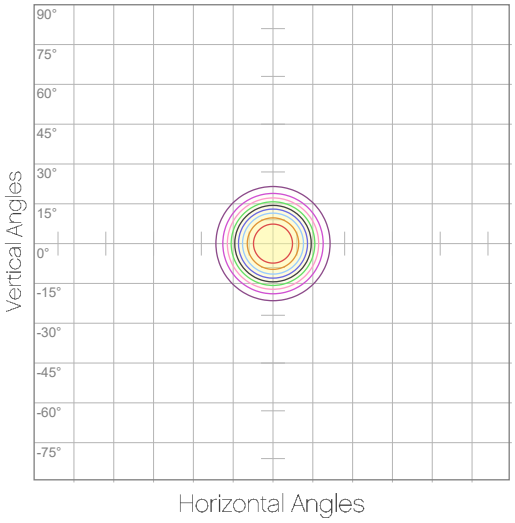
Candela Plot



Beam Angle (50%): 32°
Field Angle (10%): 47.8°
Cutoff Angle (3%): 58.4°

Horizontal Distribution
Vertical Distribution

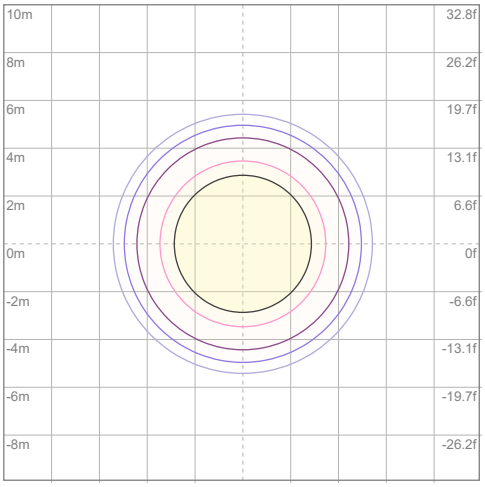
Polar Diagrams



iso-candela Diagram

10%	1094 cd
20%	2187 cd
30%	3281 cd
40%	4375 cd
50%	5469 cd
60%	6562 cd
70%	7656 cd
80%	8750 cd
90%	9844 cd

Conditions:
Number of c-planes: 2
Candela at center: 10937 cd



iso-illuminance Diagram

3%	3.28 lx
5%	5.47 lx
10%	10.9 lx
30%	32.8 lx
50%	54.7 lx

Conditions:
Number of c-planes: 2
Lux at center: 109 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, Red Only

Report Summary

Output

Total Lumens: 580 lm
Peak Intensity: 2083 cd
Illuminance @ 5m: 83 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 30.8°
Vertical Beam Angle (50%): 30.8°
Horizontal Field Angle (10%): 46.3°
Vertical Field Angle (10%): 46.3°
Horizontal Cutoff Angle (3%): 56.7°
Vertical Cutoff Angle (3%): 56.7°

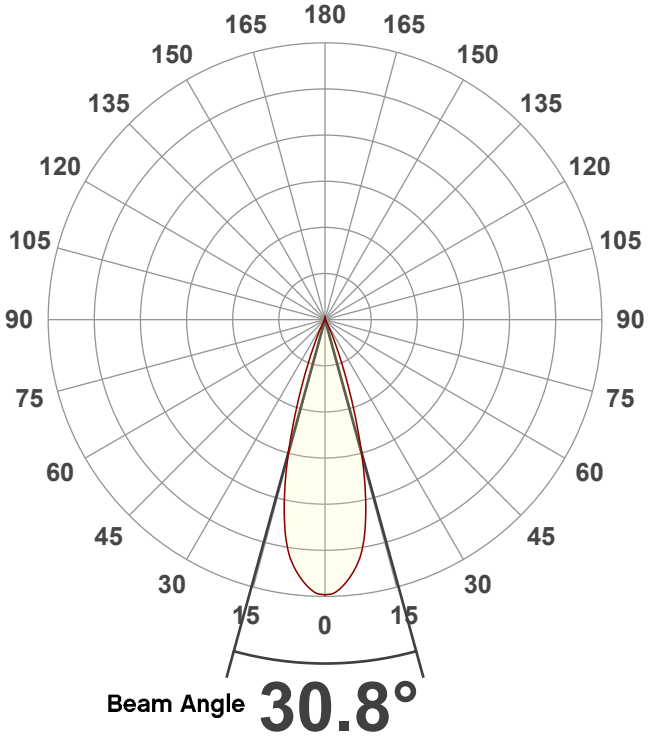
Conditions

AC Supply: 117 V, 60 Hz
Power: 78.7 W
Current: 0.673 A
Power Factor: 0.99

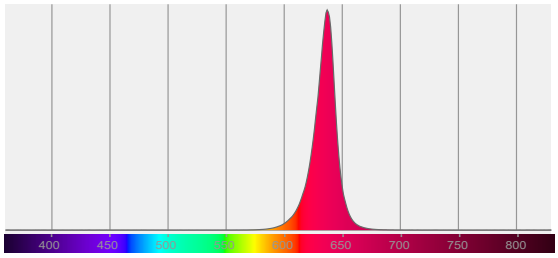
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

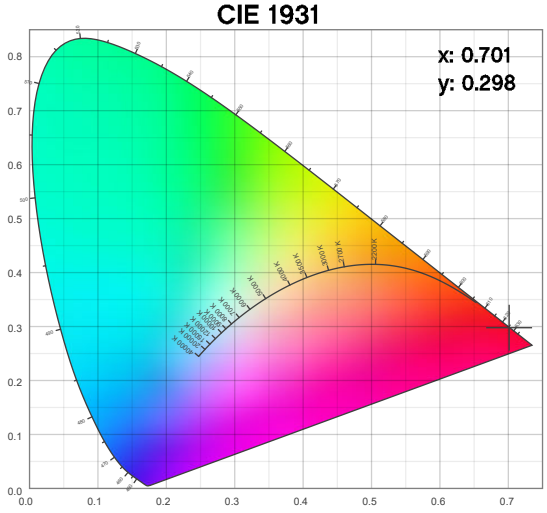
Angular Beam Distribution



Spectral Distribution



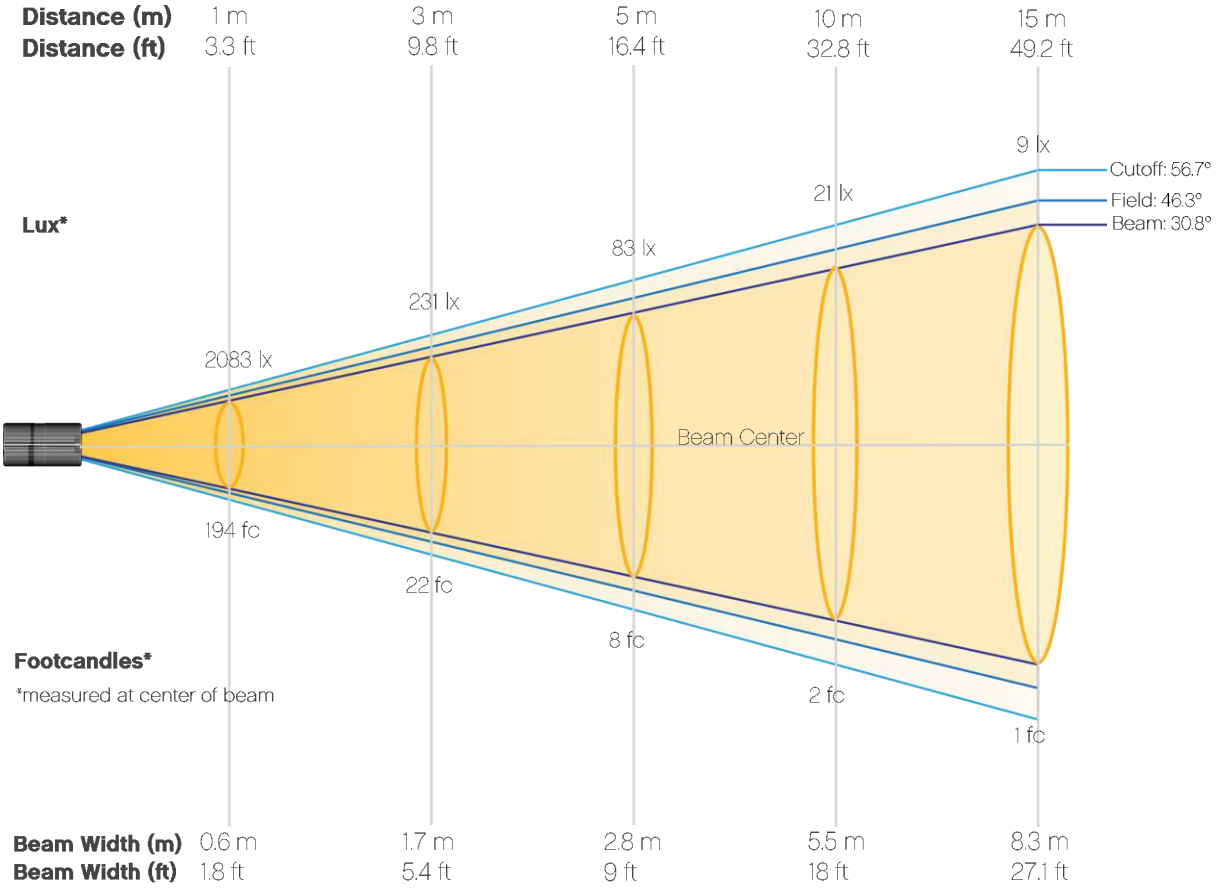
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, Red Only

Beam Details



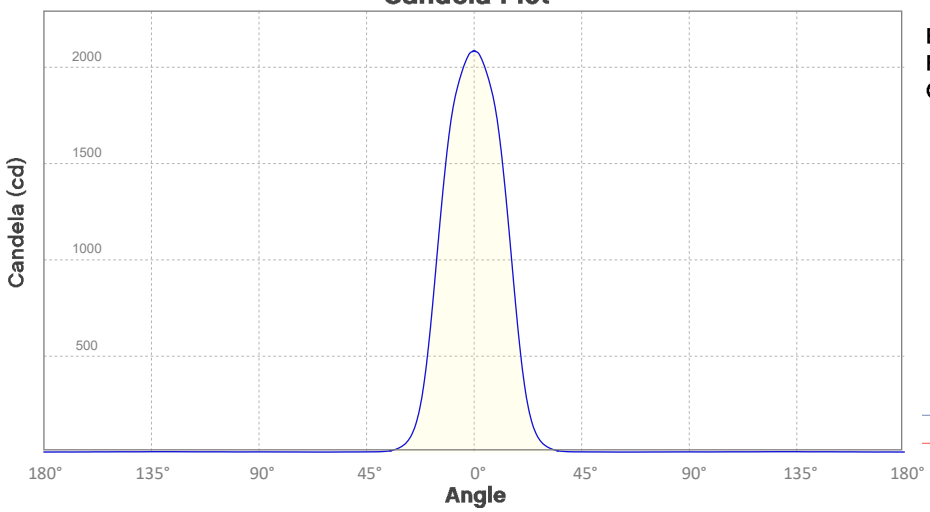
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	2083	521	231	130	83	58	43	33	26	21
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	17	14	12	11	9	8	7	6	6	5
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	194	48	22	12	8	5	4	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	2	1	1	1	1	1	1	1	1	0

Photometric Report

Maverick Pyxis: Ring - Full Flood, Red Only

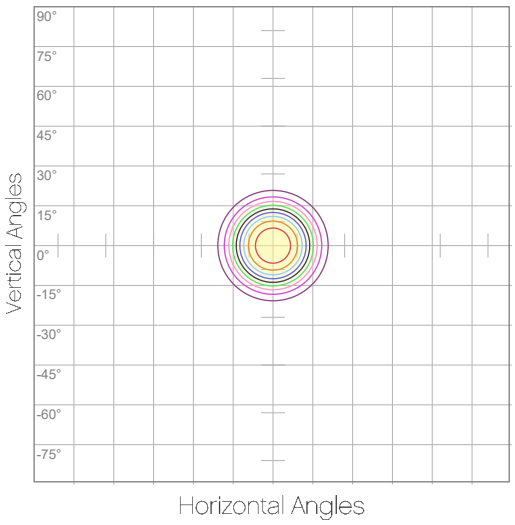
Candela Plot



Beam Angle (50%): 30.8°
Field Angle (10%): 46.3°
Cutoff Angle (3%): 56.7°

Horizontal Distribution
Vertical Distribution

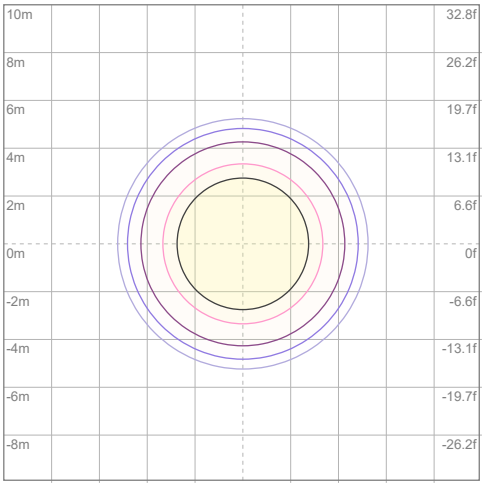
Polar Diagrams



iso-candela Diagram

10%	208 cd
20%	417 cd
30%	625 cd
40%	833 cd
50%	1042 cd
60%	1250 cd
70%	1458 cd
80%	1666 cd
90%	1875 cd

Conditions:
Number of c-planes: 2
Candela at center: 2083 cd



iso-illuminance Diagram

3%	0.625 lx
5%	1.04 lx
10%	2.08 lx
30%	6.25 lx
50%	10.4 lx

Conditions:
Number of c-planes: 2
Lux at center: 20.8 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, Green Only

Report Summary

Output

Total Lumens: 997 lm
Peak Intensity: 3707 cd
Illuminance @ 5m: 148 lux
Fixture Efficacy: 11 lm/W

Optical

Horizontal Beam Angle (50%): 30.1°
Vertical Beam Angle (50%): 30.1°
Horizontal Field Angle (10%): 46.5°
Vertical Field Angle (10%): 46.5°
Horizontal Cutoff Angle (3%): 57.3°
Vertical Cutoff Angle (3%): 57.3°

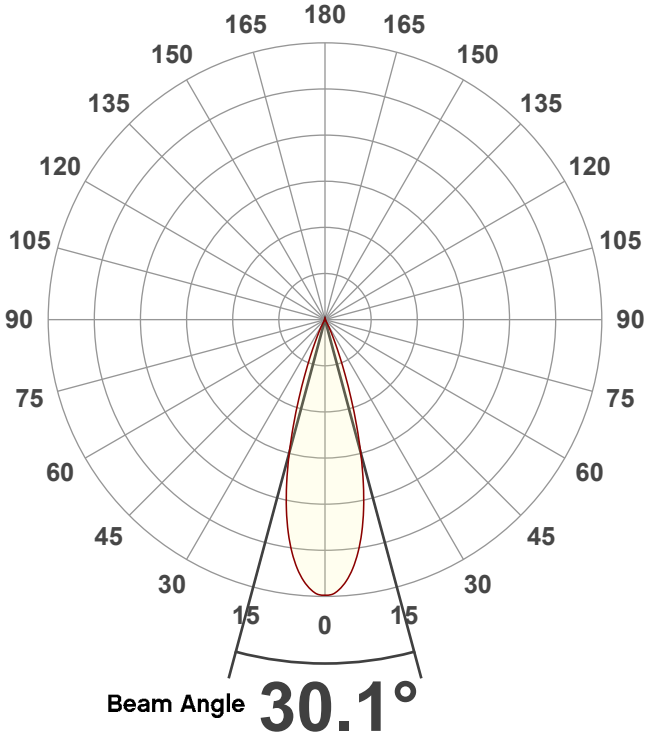
Conditions

AC Supply: 117 V, 60.1 Hz
Power: 94.04 W
Current: 0.806 A
Power Factor: 0.99

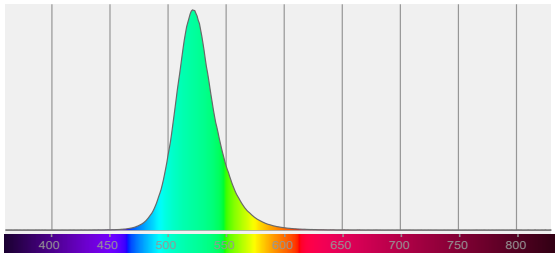
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

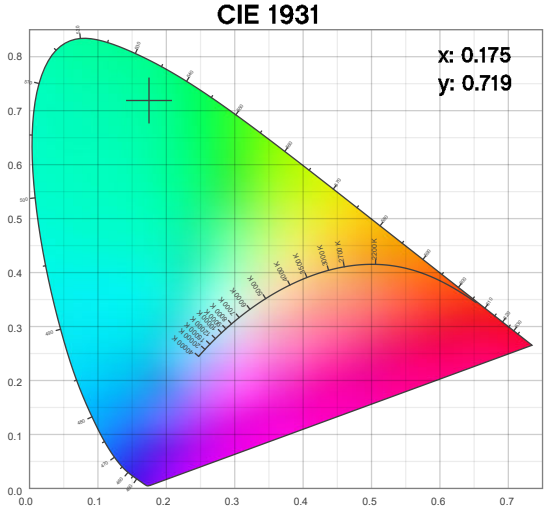
Angular Beam Distribution



Spectral Distribution



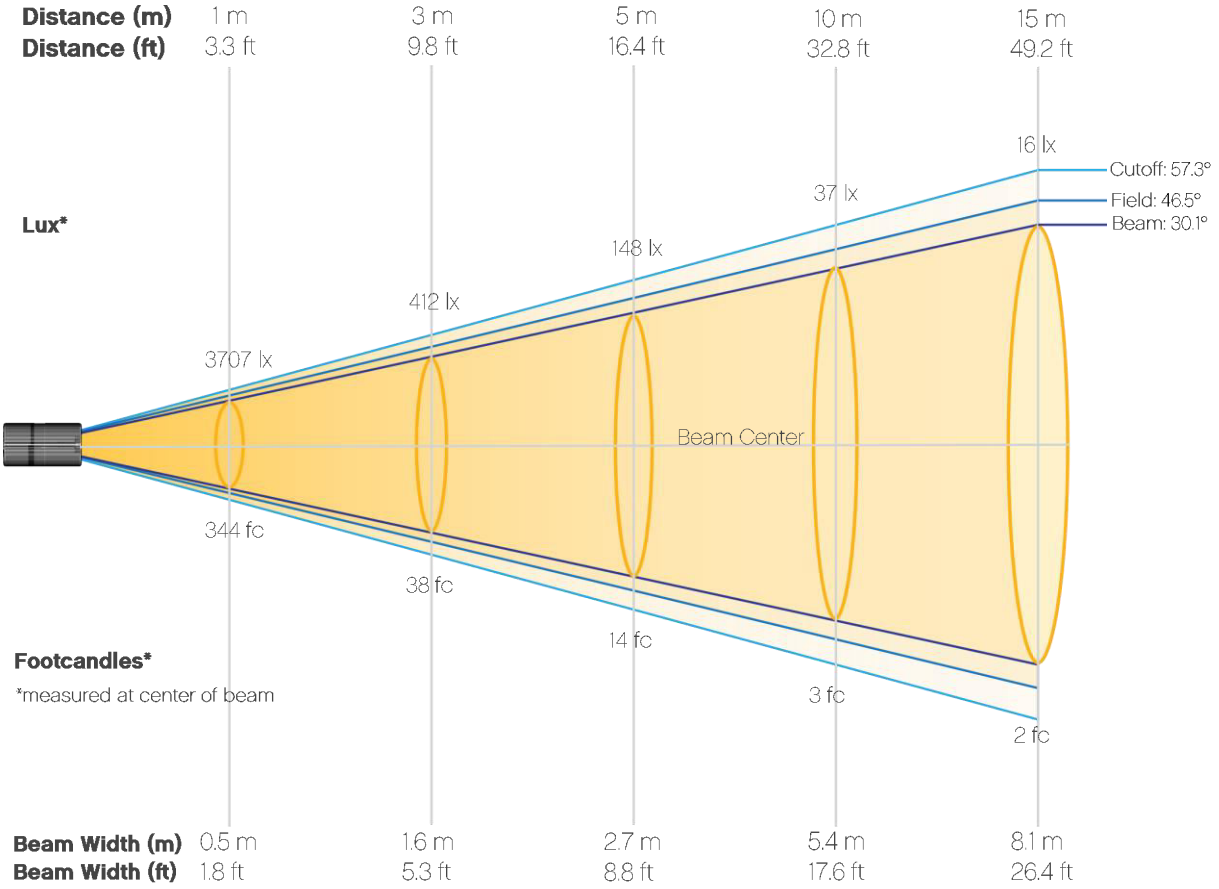
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, Green Only

Beam Details



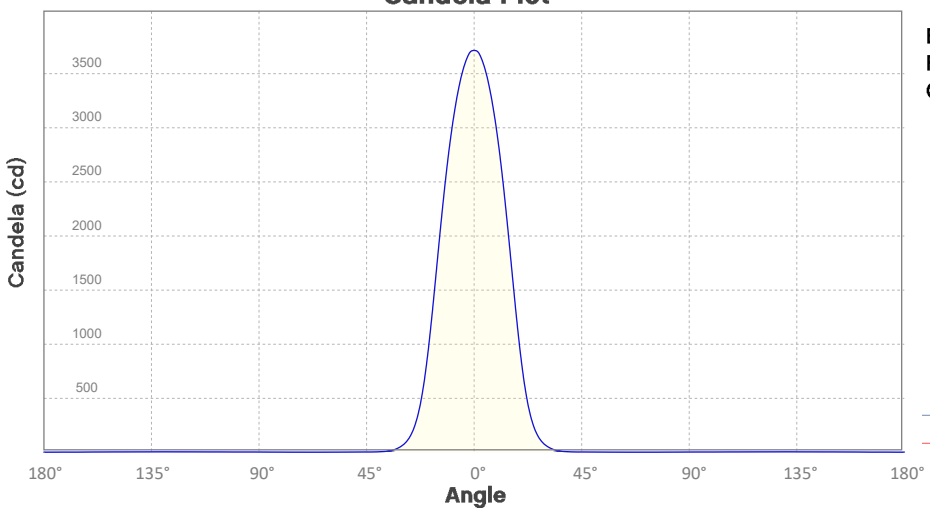
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3707	927	412	232	148	103	76	58	46	37
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	31	26	22	19	16	14	13	11	10	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	344	86	38	22	14	10	7	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	2	1	1	1	1	1

Photometric Report

Maverick Pyxis: Ring - Full Flood, Green Only

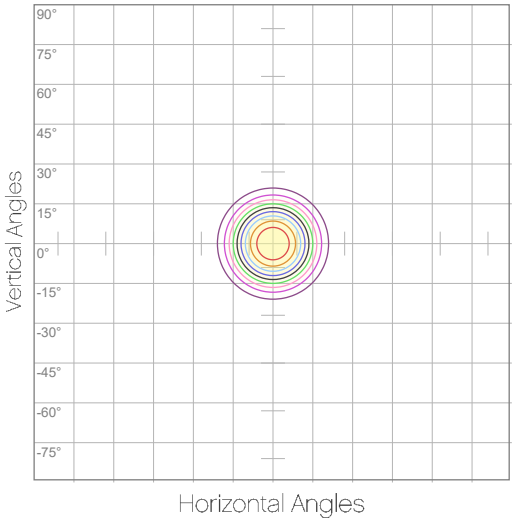
Candela Plot



Beam Angle (50%): 30.1°
Field Angle (10%): 46.5°
Cutoff Angle (3%): 57.3°

Horizontal Distribution
Vertical Distribution

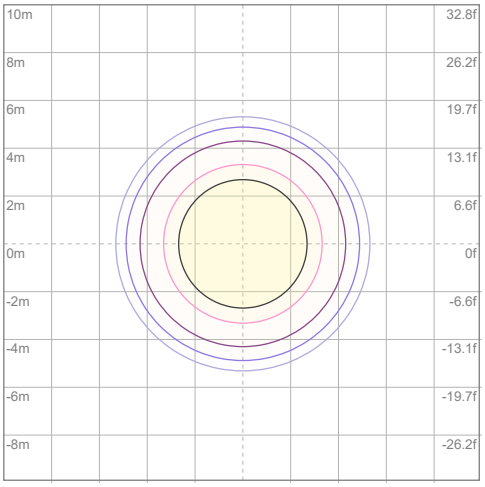
Polar Diagrams



iso-candela Diagram

10%	371 cd
20%	741 cd
30%	1112 cd
40%	1483 cd
50%	1853 cd
60%	2224 cd
70%	2595 cd
80%	2965 cd
90%	3336 cd

Conditions:
Number of c-planes: 2
Candela at center: 3707 cd



iso-illuminance Diagram

3%	1.11 lx
5%	1.85 lx
10%	3.71 lx
30%	11.1 lx
50%	18.5 lx

Conditions:
Number of c-planes: 2
Lux at center: 37.1 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, Blue Only

Report Summary

Output

Total Lumens: 261 lm
Peak Intensity: 862 cd
Illuminance @ 5m: 34 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 30.9°
Vertical Beam Angle (50%): 30.9°
Horizontal Field Angle (10%): 47.4°
Vertical Field Angle (10%): 47.4°
Horizontal Cutoff Angle (3%): 58.8°
Vertical Cutoff Angle (3%): 58.8°

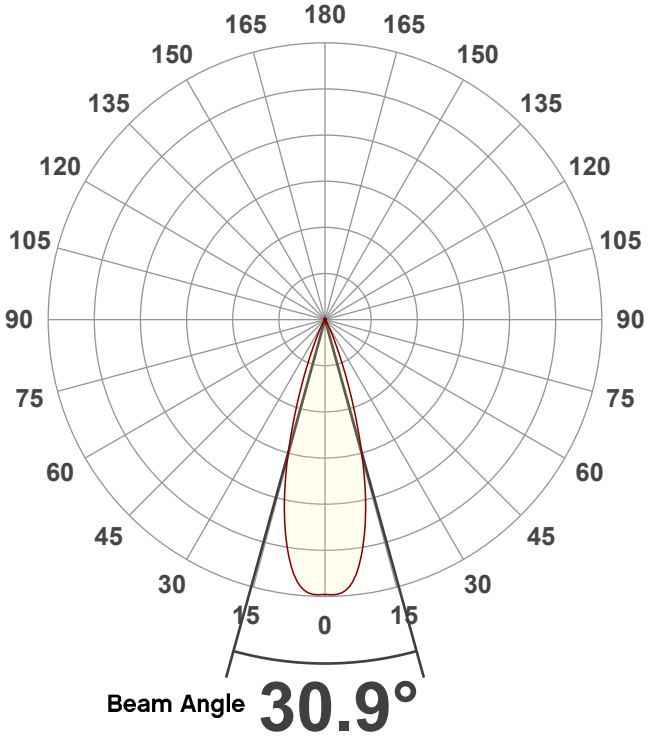
Conditions

AC Supply: 117 V, 60 Hz
Power: 86.27 W
Current: 0.740 A
Power Factor: 0.99

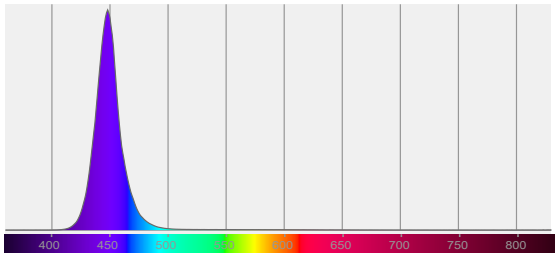
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

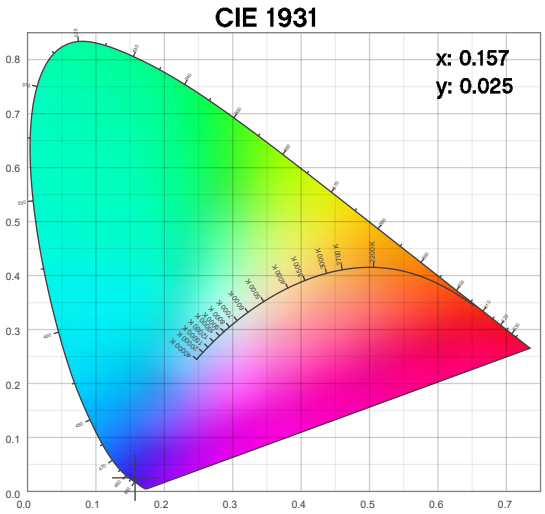
Angular Beam Distribution



Spectral Distribution



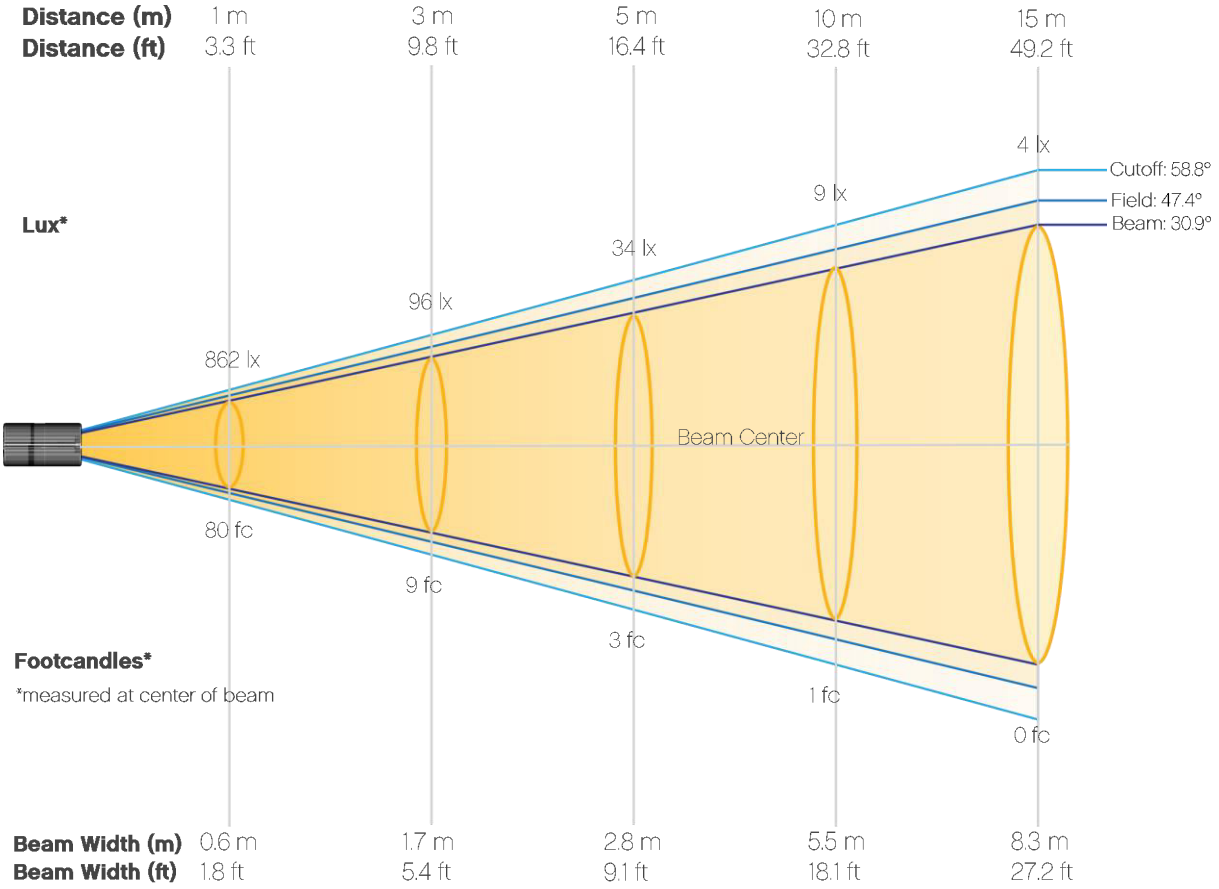
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, Blue Only

Beam Details



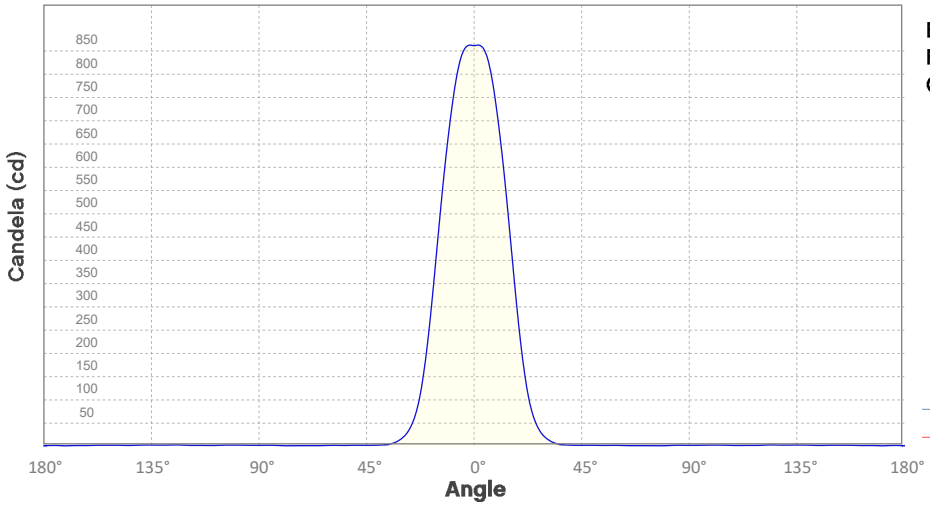
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	862	215	96	54	34	24	18	13	11	9
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	80	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

Maverick Pyxis: Ring - Full Flood, Blue Only

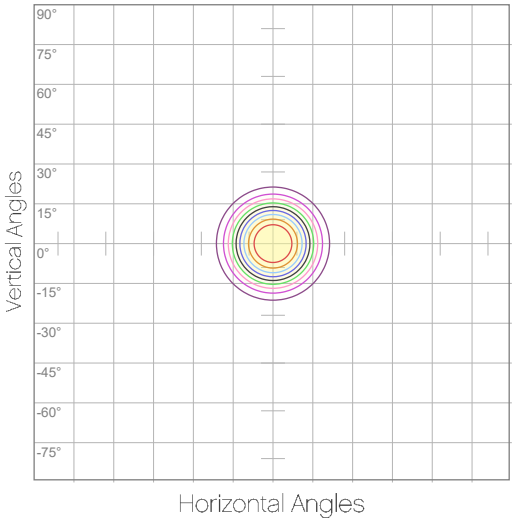
Candela Plot



Beam Angle (50%): 30.9°
Field Angle (10%): 47.4°
Cutoff Angle (3%): 58.8°

Horizontal Distribution
Vertical Distribution

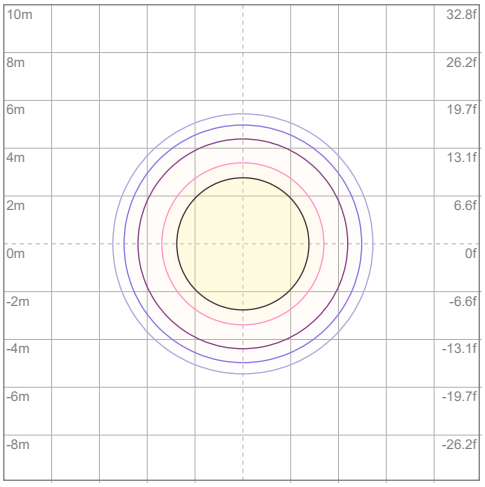
Polar Diagrams



iso-candela Diagram

10%	86 cd
20%	172 cd
30%	258 cd
40%	345 cd
50%	431 cd
60%	517 cd
70%	603 cd
80%	689 cd
90%	775 cd

Conditions:
Number of c-planes: 2
Candela at center: 862 cd



iso-illuminance Diagram

3%	0.258 lx
5%	0.431 lx
10%	0.862 lx
30%	2.58 lx
50%	4.31 lx

Conditions:
Number of c-planes: 2
Lux at center: 8.62 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, White Only

Report Summary

Output

Total Lumens: 1516 lm
Peak Intensity: 4948 cd
Illuminance @ 5m: 198 lux
Fixture Efficacy: 18 lm/W

Optical

Horizontal Beam Angle (50%): 32.6°
Vertical Beam Angle (50%): 32.6°
Horizontal Field Angle (10%): 48.1°
Vertical Field Angle (10%): 48.1°
Horizontal Cutoff Angle (3%): 58.6°
Vertical Cutoff Angle (3%): 58.6°

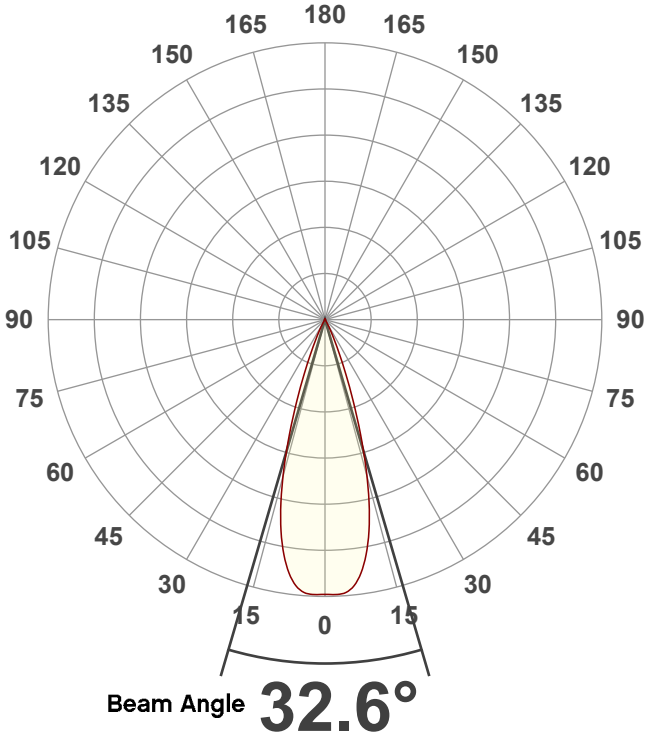
Conditions

AC Supply: 117 V, 60 Hz
Power: 85.72 W
Current: 0.736 A
Power Factor: 0.99

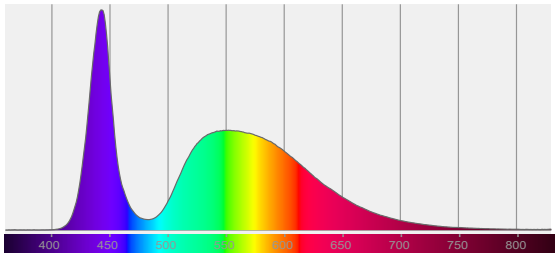
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

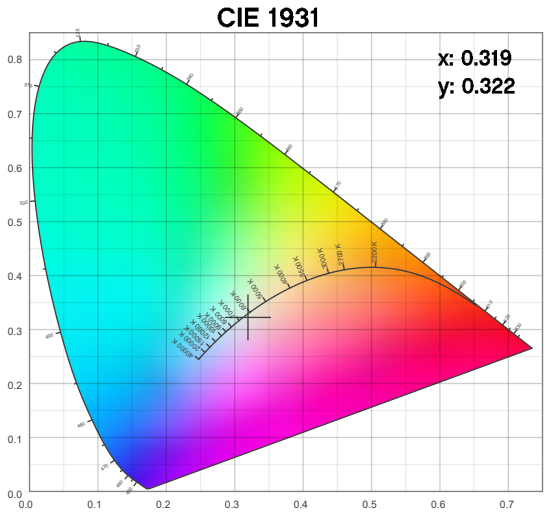
Angular Beam Distribution



Spectral Distribution



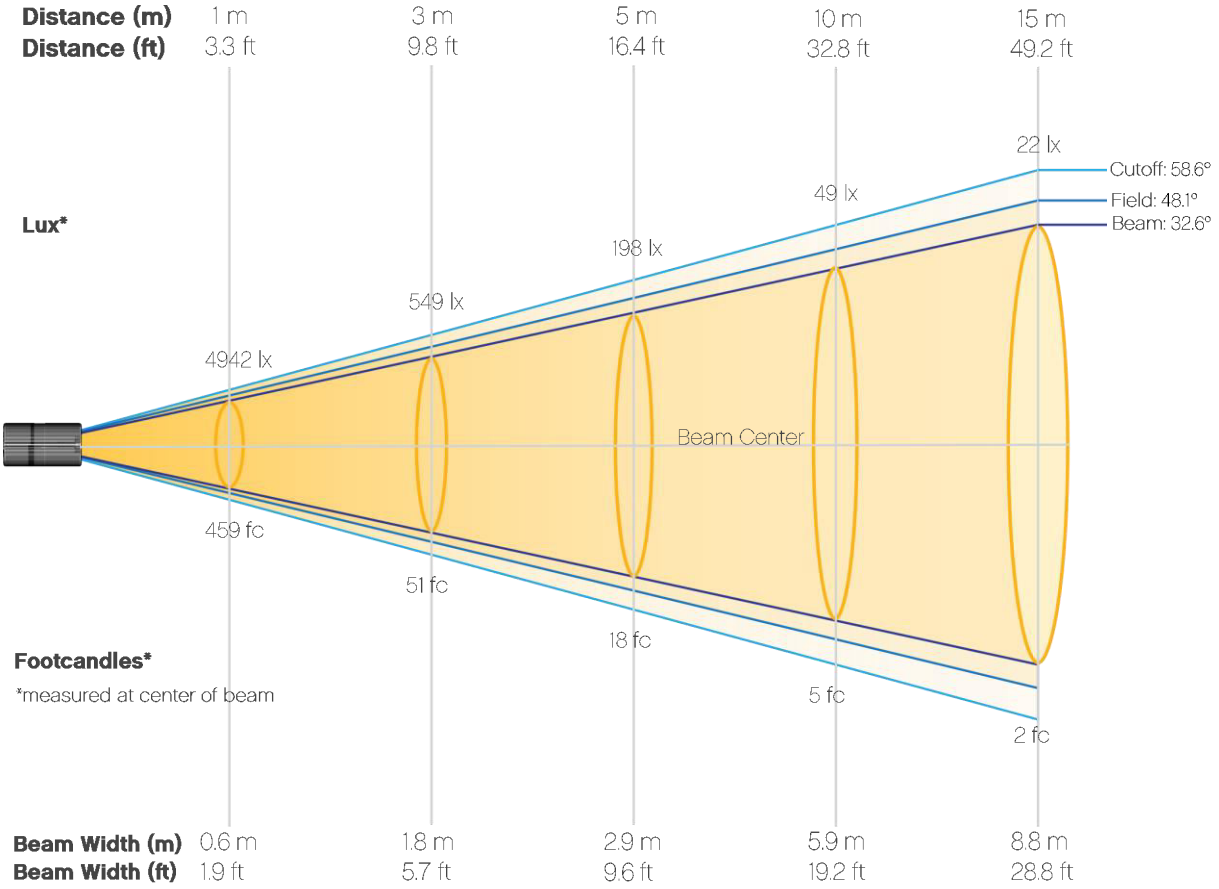
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, White Only

Beam Details



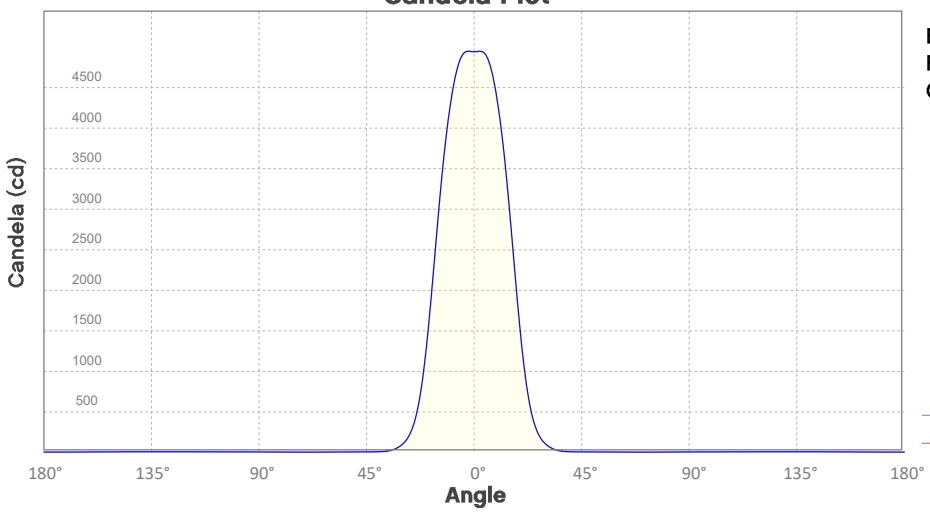
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4942	1236	549	309	198	137	101	77	61	49
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	41	34	29	25	22	19	17	15	14	12
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	459	115	51	29	18	13	9	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

Maverick Pyxis: Ring - Full Flood, White Only

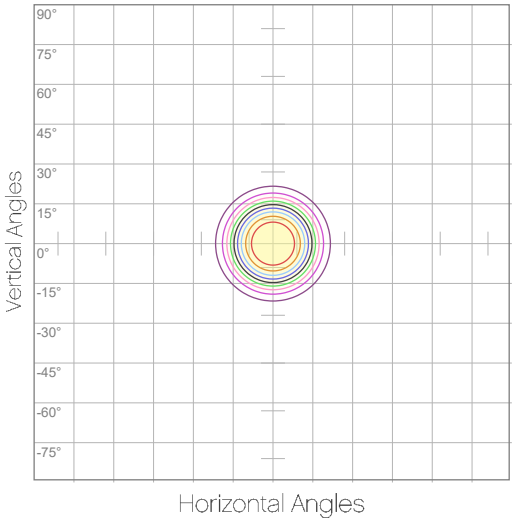
Candela Plot



Beam Angle (50%): 32.6°
Field Angle (10%): 48.1°
Cutoff Angle (3%): 58.6°

Horizontal Distribution
Vertical Distribution

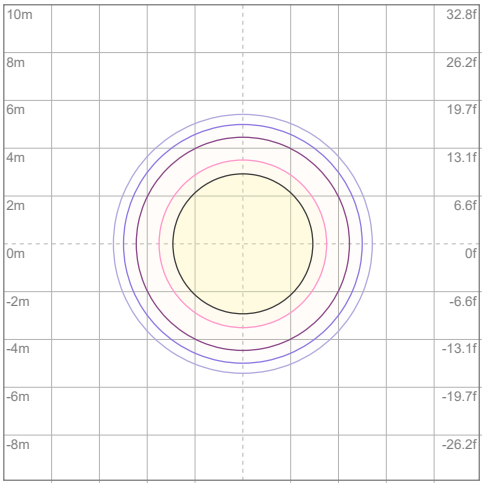
Polar Diagrams



iso-candela Diagram

10%	494 cd
20%	988 cd
30%	1483 cd
40%	1977 cd
50%	2471 cd
60%	2965 cd
70%	3460 cd
80%	3954 cd
90%	4448 cd

Conditions:
Number of c-planes: 2
Candela at center: 4942 cd



iso-illuminance Diagram

3%	1.48 lx
5%	2.47 lx
10%	4.94 lx
30%	14.8 lx
50%	24.7 lx

Conditions:
Number of c-planes: 2
Lux at center: 49.4 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Flood, 7500K

Report Summary

Output

Total Lumens: 2853 lm
Peak Intensity: 9661 cd
Illuminance @ 5m: 386 lux
Fixture Efficacy: 18 lm/W

Optical

Horizontal Beam Angle (50%): 32°
Vertical Beam Angle (50%): 32°
Horizontal Field Angle (10%): 47.8°
Vertical Field Angle (10%): 47.8°
Horizontal Cutoff Angle (3%): 58.3°
Vertical Cutoff Angle (3%): 58.3°

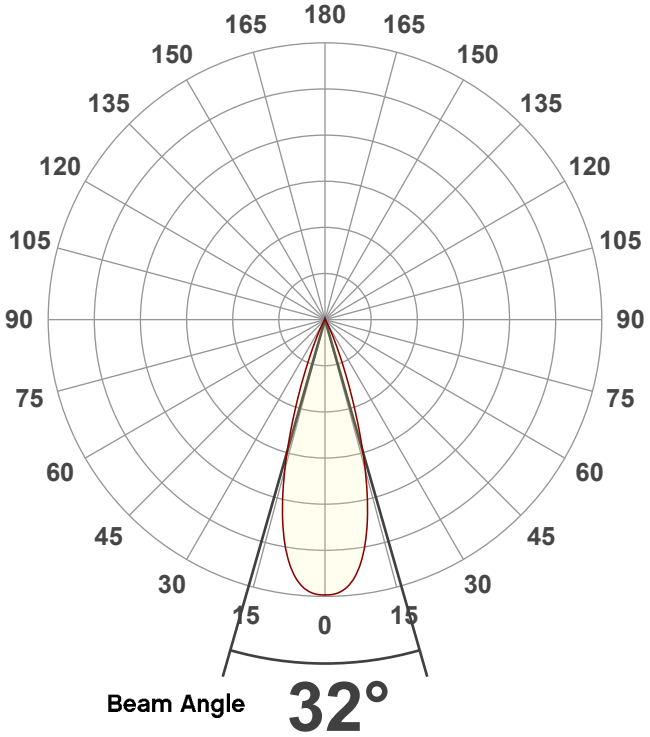
Conditions

AC Supply: 116 V, 60 Hz
Power: 162.82 W
Current: 1.41 A
Power Factor: 0.99

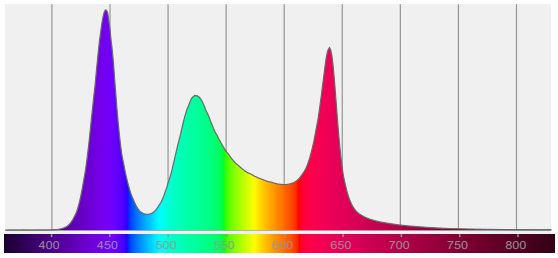
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

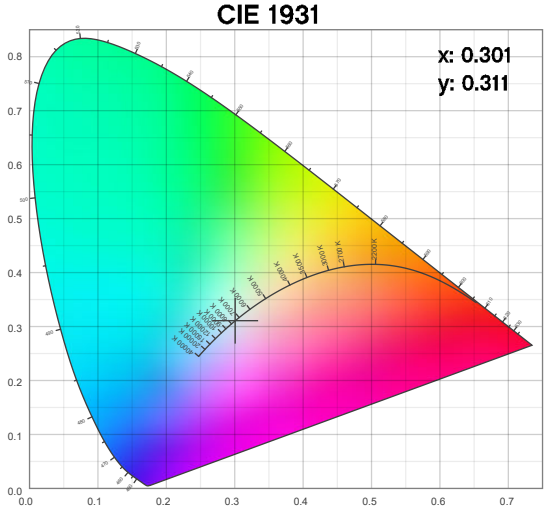
Angular Beam Distribution



Spectral Distribution



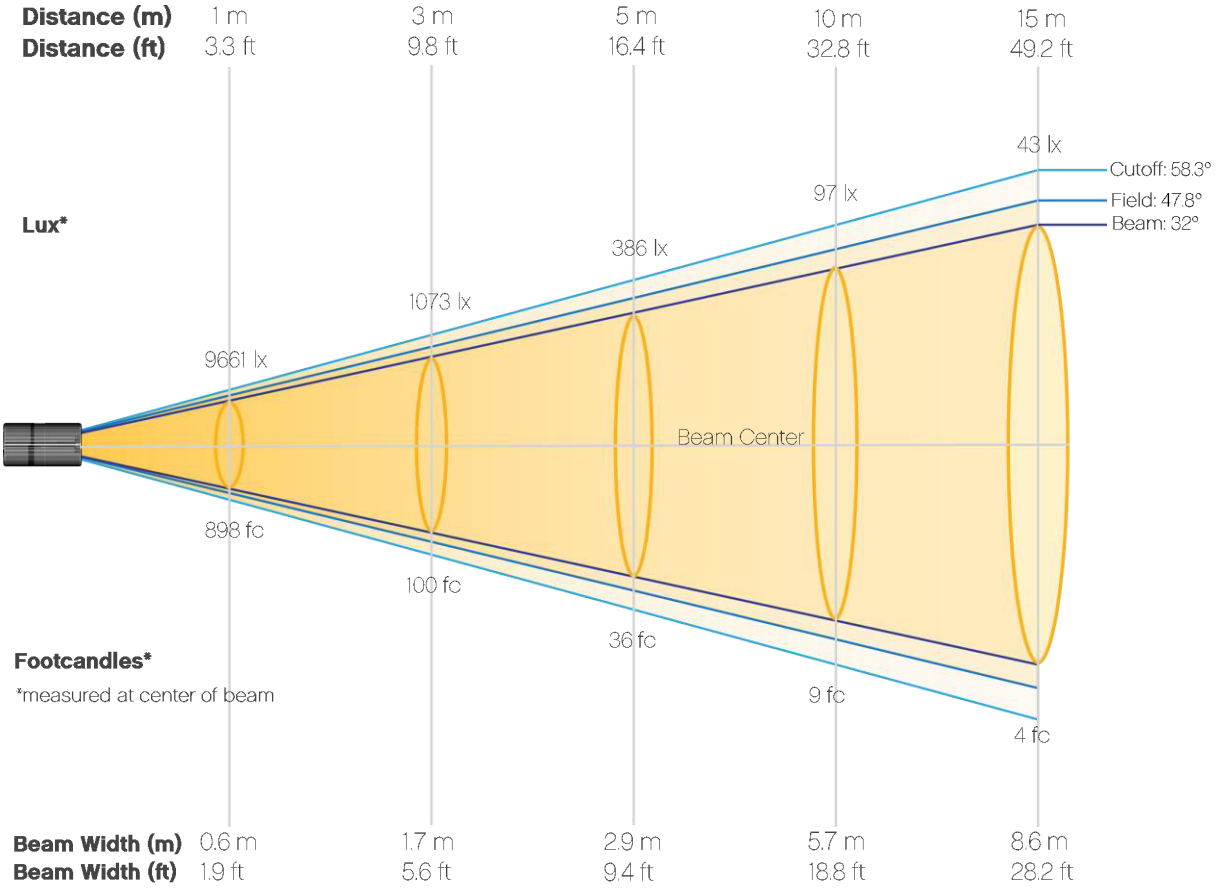
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Flood, 7500K

Beam Details



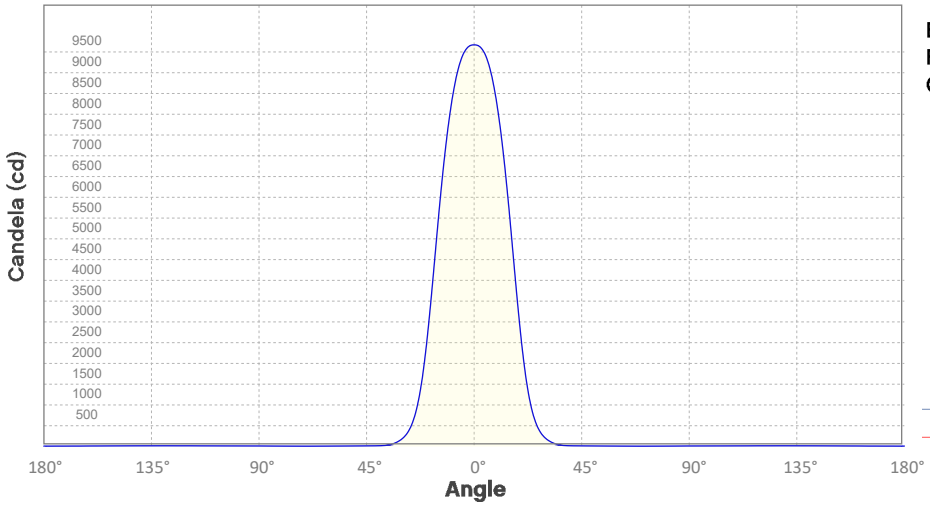
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9661	2415	1073	604	386	268	197	151	119	97
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	80	67	57	49	43	38	33	30	27	24
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	898	224	100	56	36	25	18	14	11	9
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	5	4	4	3	3	2	2

Photometric Report

Maverick Pyxis: Ring - Full Flood, 7500K

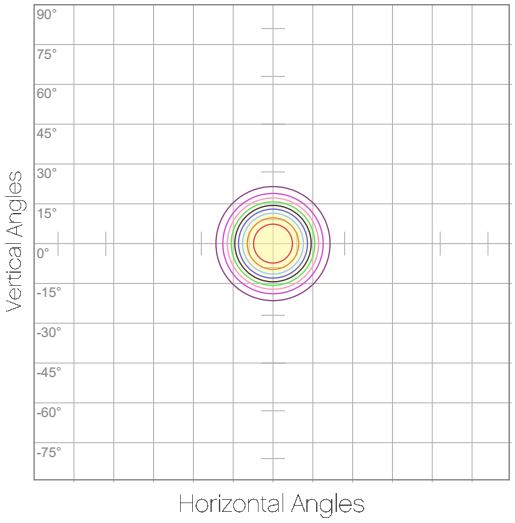
Candela Plot



Beam Angle (50%): 32°
Field Angle (10%): 47.8°
Cutoff Angle (3%): 58.3°

Horizontal Distribution
Vertical Distribution

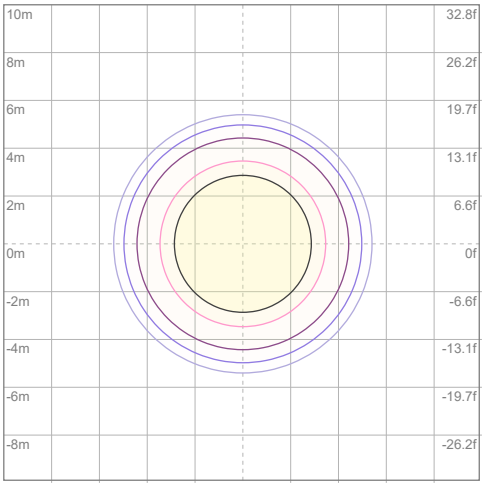
Polar Diagrams



iso-candela Diagram

10%	966 cd
20%	1932 cd
30%	2898 cd
40%	3864 cd
50%	4830 cd
60%	5796 cd
70%	6763 cd
80%	7729 cd
90%	8695 cd

Conditions:
Number of c-planes: 2
Candela at center: 9661 cd



iso-illuminance Diagram

3%	2.90 lx
5%	4.83 lx
10%	9.66 lx
30%	29.0 lx
50%	48.3 lx

Conditions:
Number of c-planes: 2
Lux at center: 96.6 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, Full Power

Report Summary

Output

Total Lumens: 943 lm
Peak Intensity: 118099 cd
Illuminance @ 5m: 4724 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 4.9°
Vertical Beam Angle (50%): 4.9°
Horizontal Field Angle (10%): 7.9°
Vertical Field Angle (10%): 7.9°
Horizontal Cutoff Angle (3%): 9.2°
Vertical Cutoff Angle (3%): 9.2°

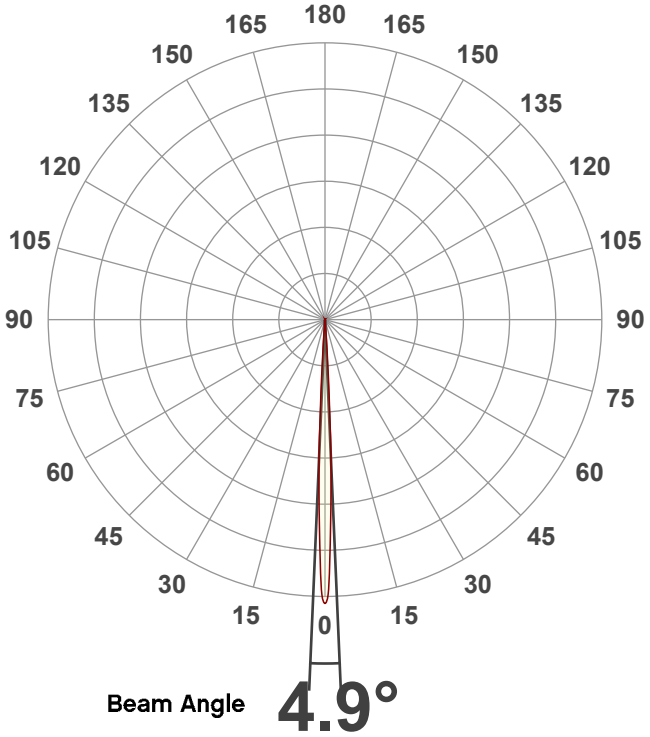
Conditions

AC Supply: 117 V, 60 Hz
Power: 206.96 W
Current: 1.78 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 9/18/2019 to LM-63-2002 Standards.

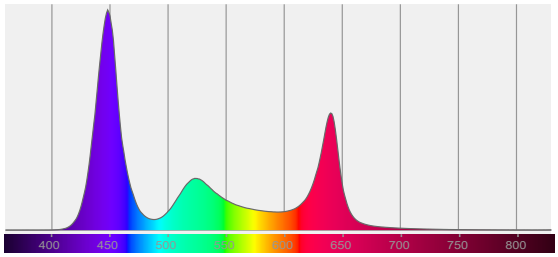
Overall Measurement

Angular Beam Distribution

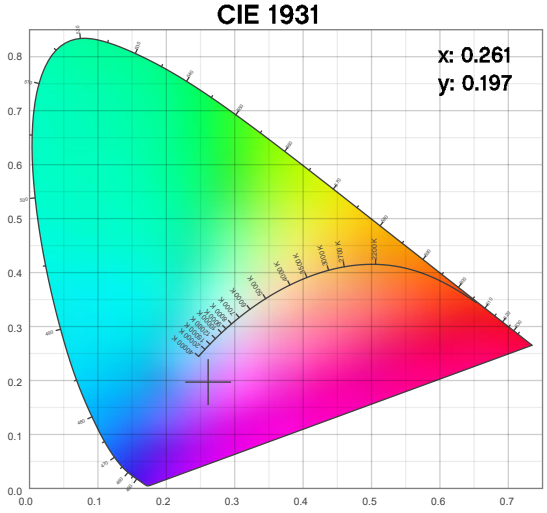


Beam Angle **4.9°**

Spectral Distribution



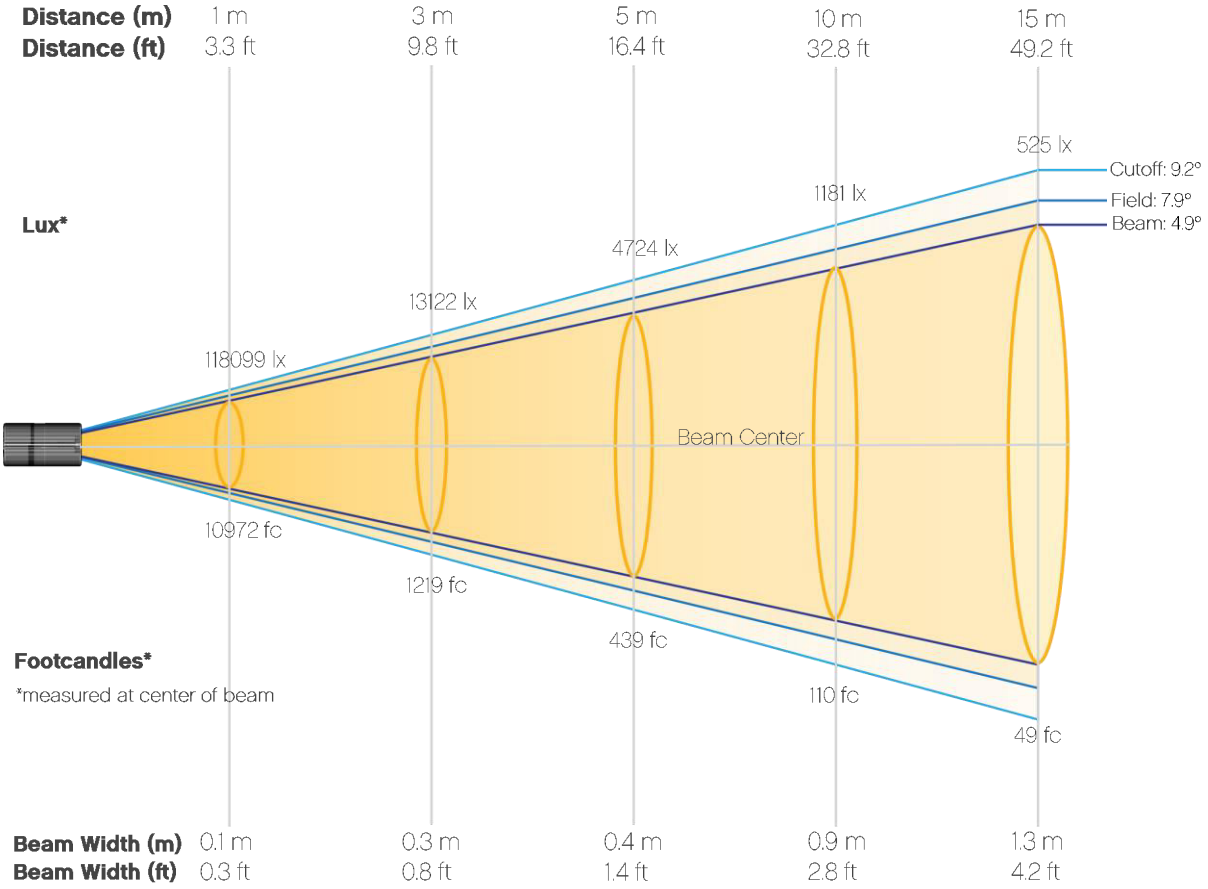
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, Full Power

Beam Details



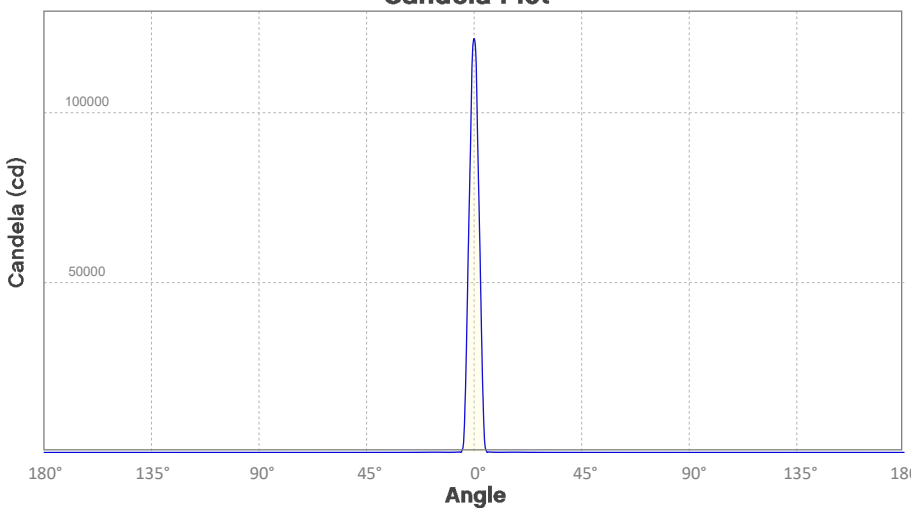
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	118099	29525	13122	7381	4724	3281	2410	1845	1458	1181
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	976	820	699	603	525	461	409	365	327	295
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	10972	2743	1219	686	439	305	224	171	135	110
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	91	76	65	56	49	43	38	34	30	27

Photometric Report

Maverick Pyxis: Ring - Full Spot, Full Power

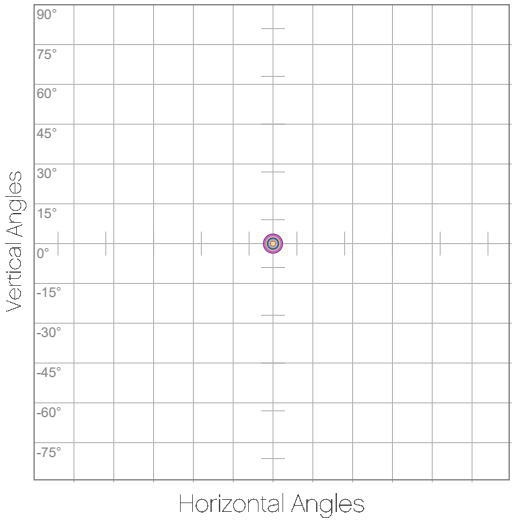
Candela Plot



Beam Angle (50%): 4.9°
Field Angle (10%): 7.9°
Cutoff Angle (3%): 9.2°

Horizontal Distribution
Vertical Distribution

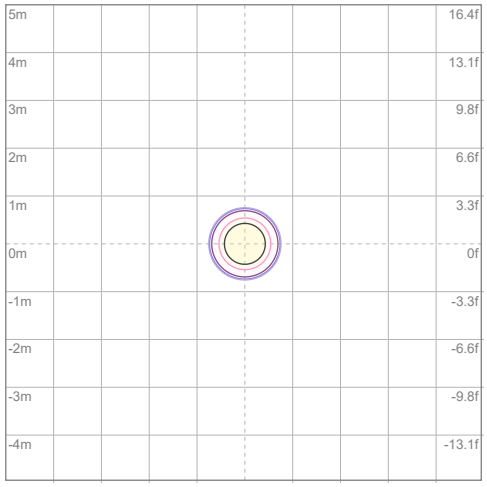
Polar Diagrams



iso-candela Diagram

10%	11810 cd
20%	23620 cd
30%	35430 cd
40%	47240 cd
50%	59050 cd
60%	70860 cd
70%	82670 cd
80%	94479 cd
90%	106289 cd

Conditions:
Number of c-planes: 2
Candela at center: 118099 cd



iso-illuminance Diagram

3%	35.4 lx
5%	59.0 lx
10%	118 lx
30%	354 lx
50%	590 lx

Conditions:
Number of c-planes: 2
Lux at center: 1181 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, Red Only

Report Summary

Output

Total Lumens: 187 lm
Peak Intensity: 20401 cd
Illuminance @ 5m: 816 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 4.8°
Vertical Beam Angle (50%): 4.8°
Horizontal Field Angle (10%): 7.5°
Vertical Field Angle (10%): 7.5°
Horizontal Cutoff Angle (3%): 8.6°
Vertical Cutoff Angle (3%): 8.6°

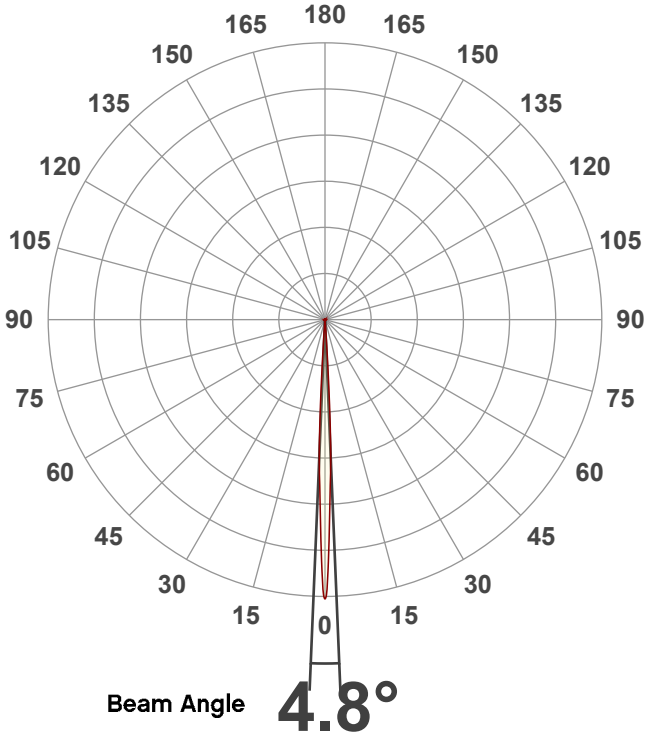
Conditions

AC Supply: 121 V, 60 Hz
Power: 81.1 W
Current: 0.672 A
Power Factor: 0.99

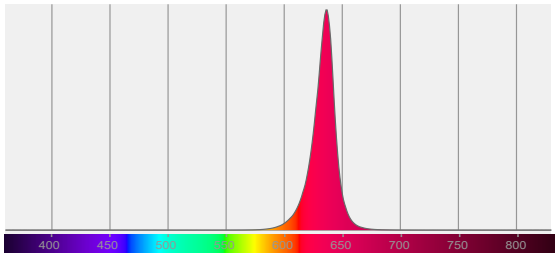
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/30/2020 to LM-63-2002 Standards.

Overall Measurement

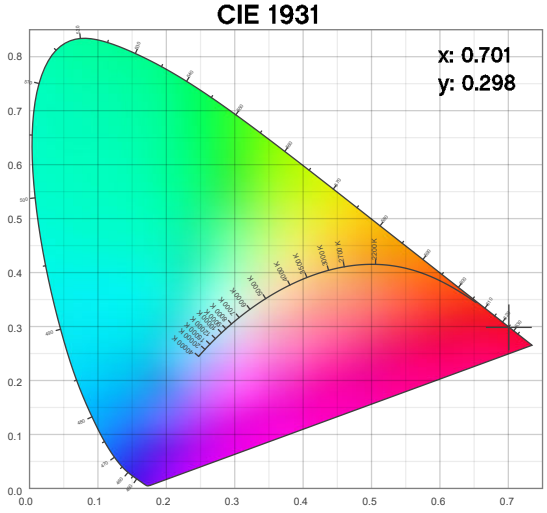
Angular Beam Distribution



Spectral Distribution



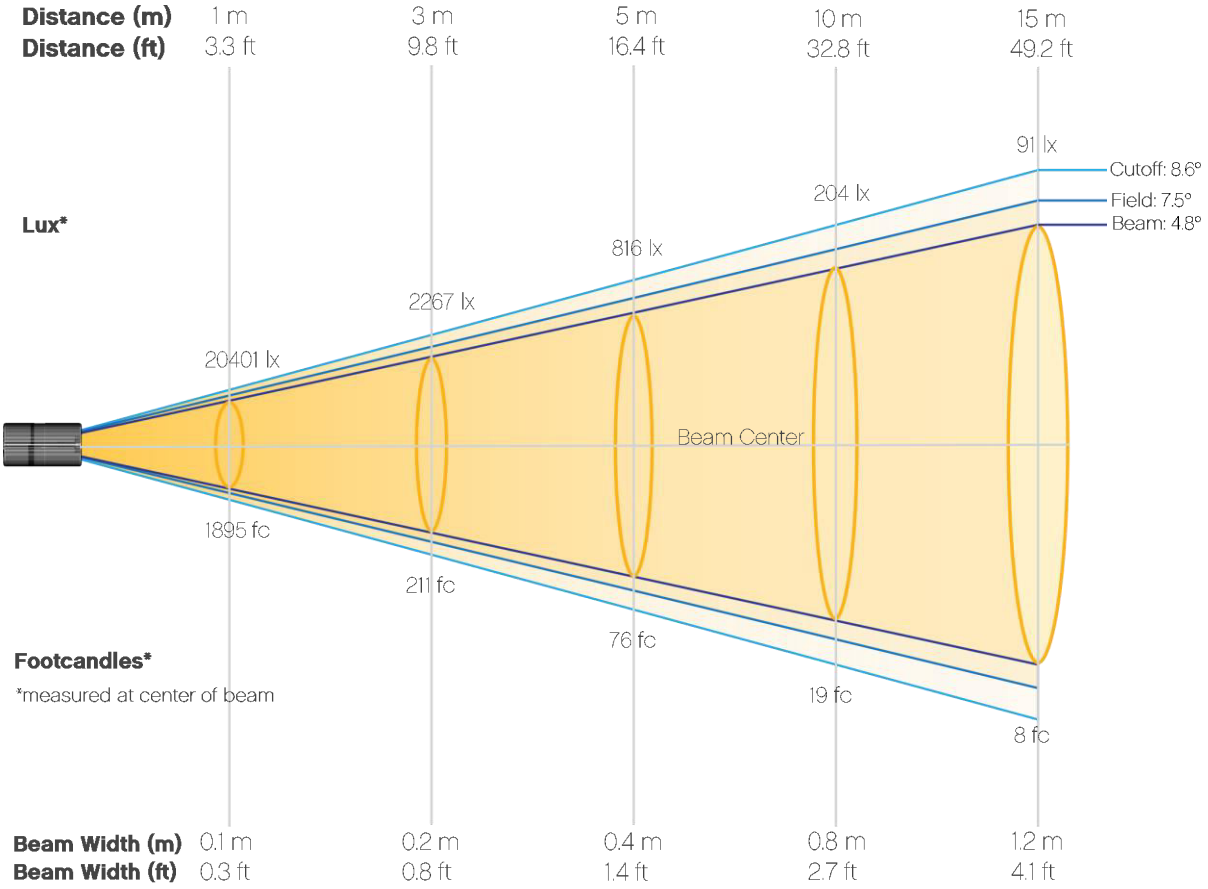
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, Red Only

Beam Details



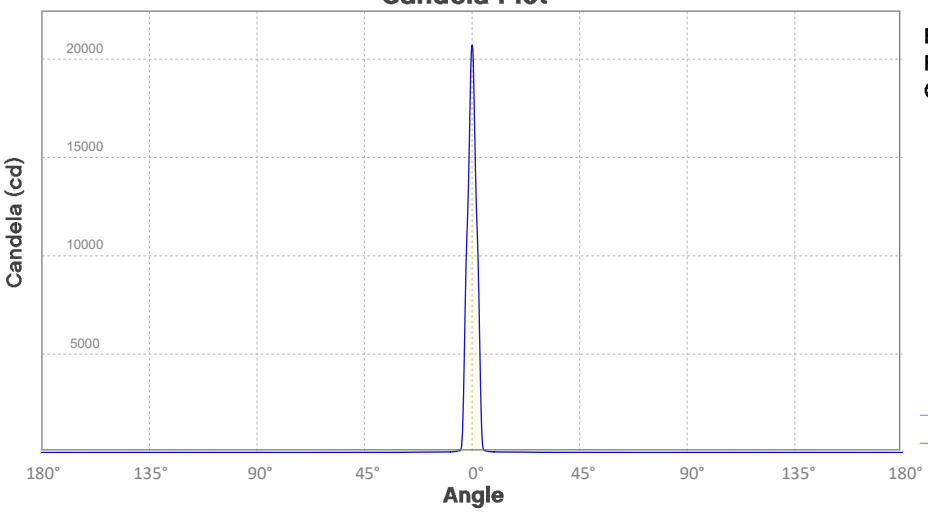
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	20401	5100	2267	1275	816	567	416	319	252	204
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	169	142	121	104	91	80	71	63	57	51
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1895	474	211	118	76	53	39	30	23	19
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	16	13	11	10	8	7	7	6	5	5

Photometric Report

Maverick Pyxis: Ring - Full Spot, Red Only

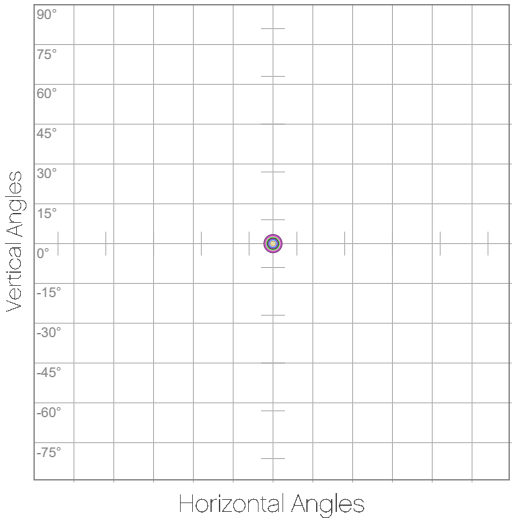
Candela Plot



Beam Angle (50%): 4.8°
Field Angle (10%): 7.5°
Cutoff Angle (3%): 8.6°

Horizontal Distribution
Vertical Distribution

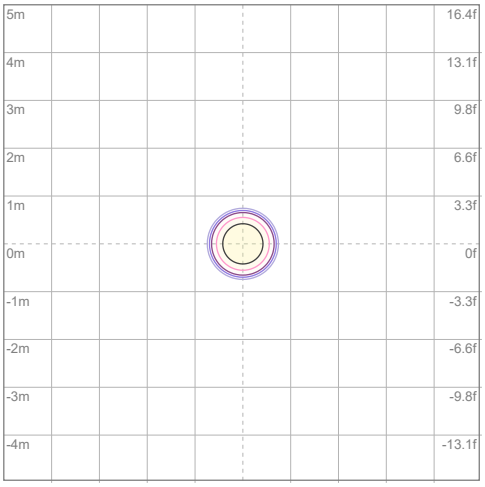
Polar Diagrams



iso-candela Diagram

10%	2040 cd
20%	4080 cd
30%	6120 cd
40%	8160 cd
50%	10200 cd
60%	12241 cd
70%	14281 cd
80%	16321 cd
90%	18361 cd

Conditions:
Number of c-planes: 2
Candela at center: 20401 cd



iso-illuminance Diagram

3%	6.12 lx
5%	10.2 lx
10%	20.4 lx
30%	61.2 lx
50%	102 lx

Conditions:
Number of c-planes: 2
Lux at center: 204 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, Green Only

Report Summary

Output

Total Lumens: 314 lm
Peak Intensity: 41013 cd
Illuminance @ 5m: 1641 lux
Fixture Efficacy: 3 lm/W

Optical

Horizontal Beam Angle (50%): 4.6°
Vertical Beam Angle (50%): 4.6°
Horizontal Field Angle (10%): 7.5°
Vertical Field Angle (10%): 7.5°
Horizontal Cutoff Angle (3%): 8.7°
Vertical Cutoff Angle (3%): 8.7°

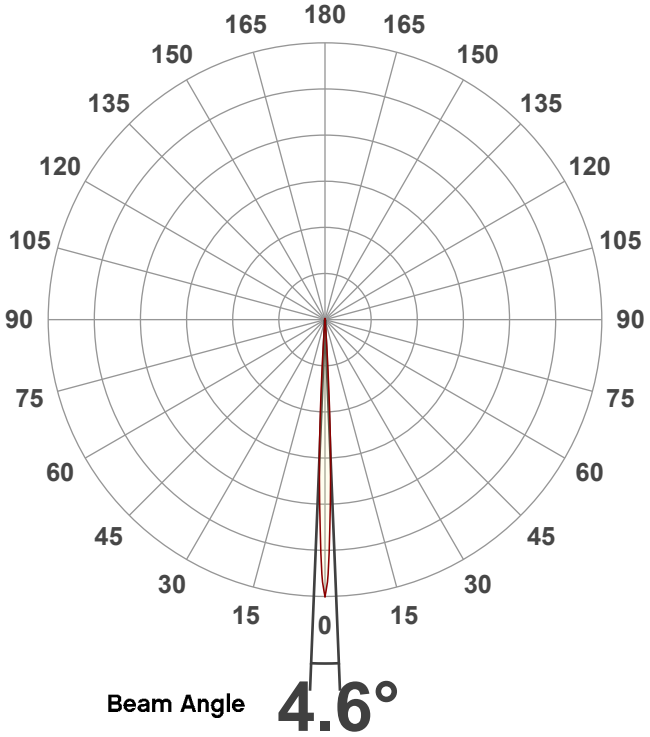
Conditions

AC Supply: 117 V, 60 Hz
Power: 93.83 W
Current: 0.804 A
Power Factor: 0.99

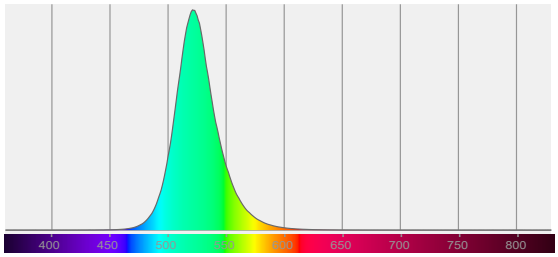
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

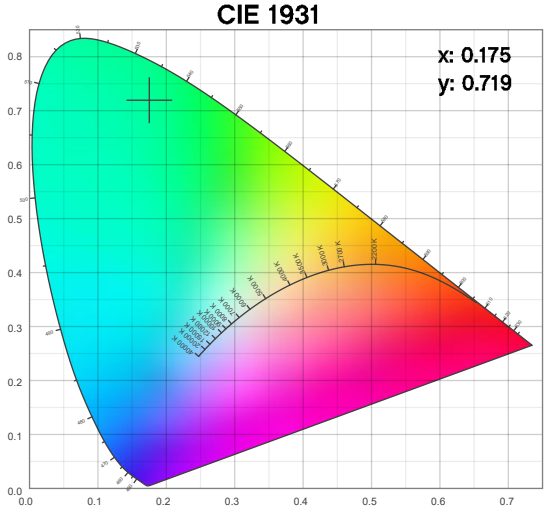
Angular Beam Distribution



Spectral Distribution



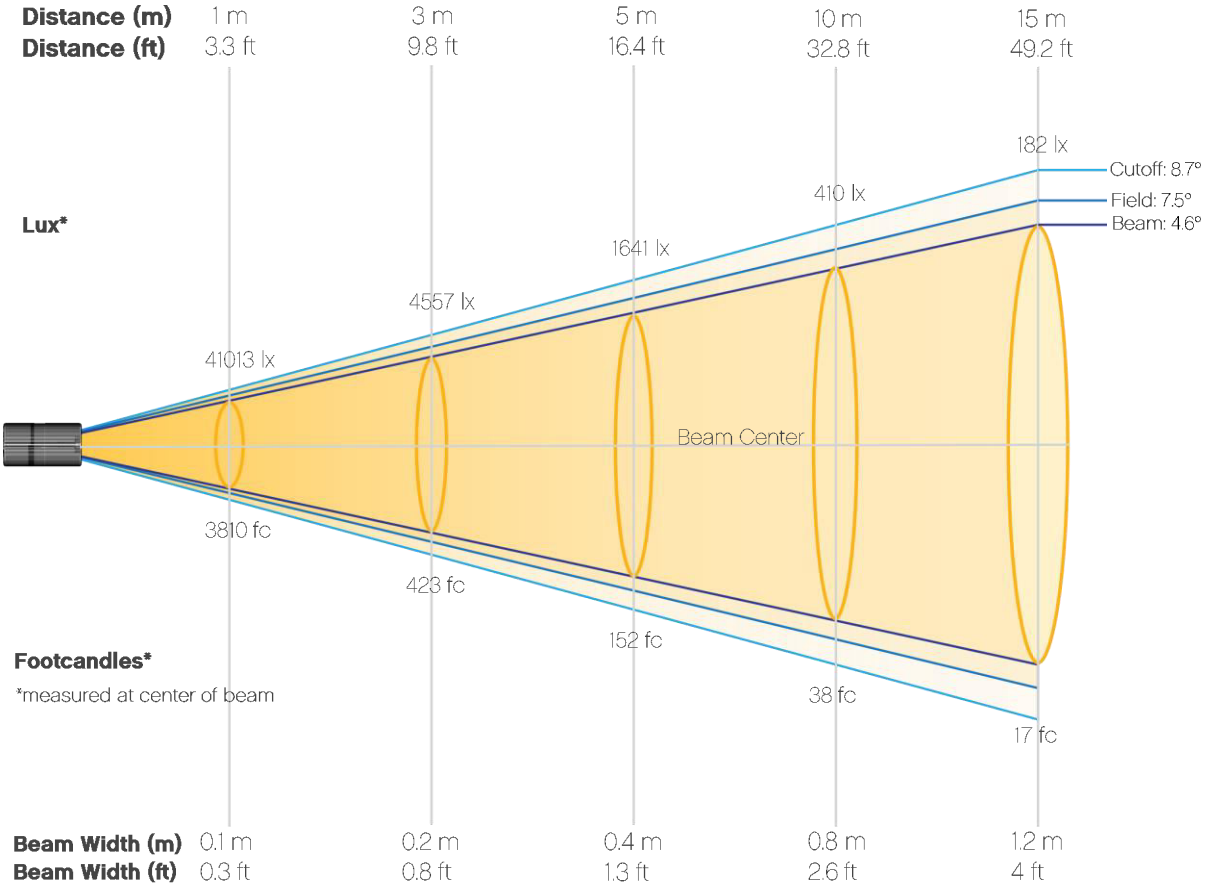
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, Green Only

Beam Details



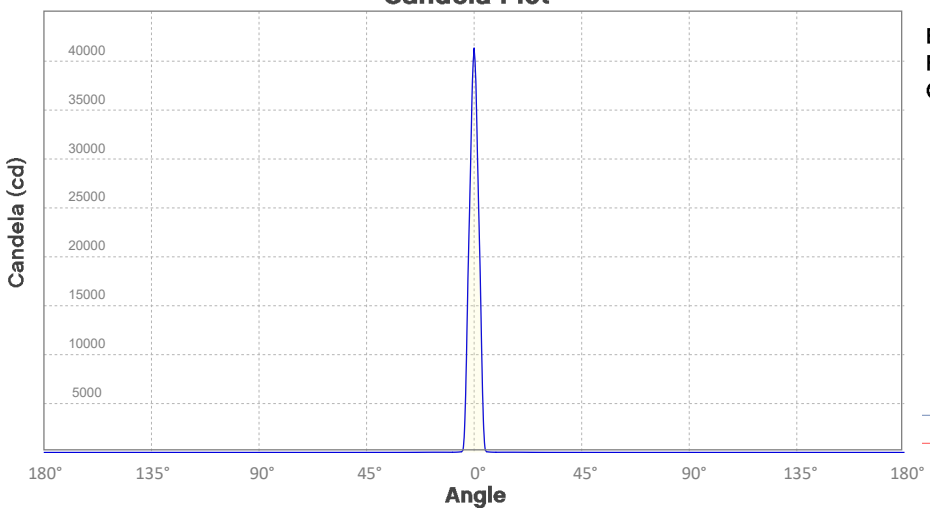
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	41013	10253	4557	2563	1641	1139	837	641	506	410
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	339	285	243	209	182	160	142	127	114	103
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3810	953	423	238	152	106	78	60	47	38
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	31	26	23	19	17	15	13	12	11	10

Photometric Report

Maverick Pyxis: Ring - Full Spot, Green Only

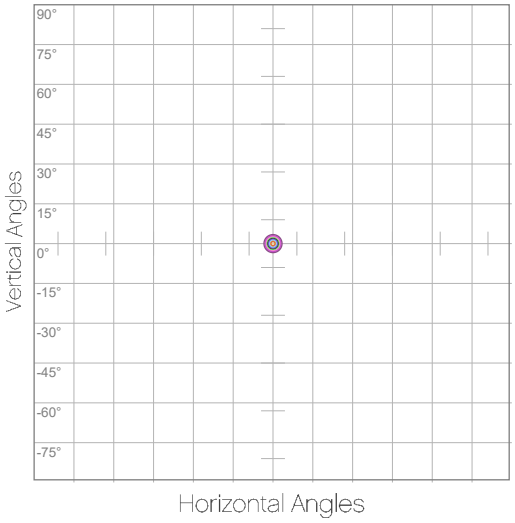
Candela Plot



Beam Angle (50%): 4.6°
Field Angle (10%): 7.5°
Cutoff Angle (3%): 8.7°

Horizontal Distribution
Vertical Distribution

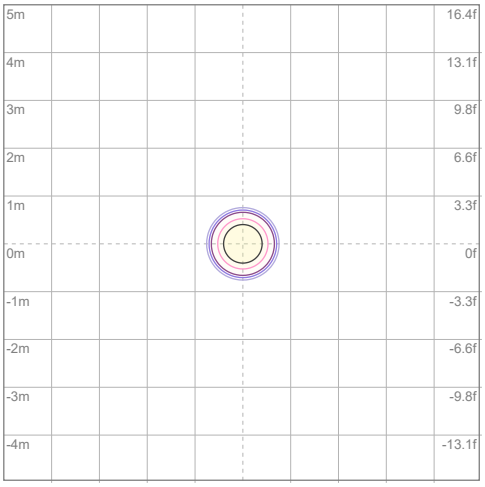
Polar Diagrams



iso-candela Diagram

	10%	4101 cd
	20%	8203 cd
	30%	12304 cd
	40%	16405 cd
	50%	20507 cd
	60%	24608 cd
	70%	28709 cd
	80%	32811 cd
	90%	36912 cd

Conditions:
Number of c-planes: 2
Candela at center: 41013 cd



iso-illuminance Diagram

	3%	12.3 lx
	5%	20.5 lx
	10%	41.0 lx
	30%	123 lx
	50%	205 lx

Conditions:
Number of c-planes: 2
Lux at center: 410 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, Blue Only

Report Summary

Output

Total Lumens: 120 lm
Peak Intensity: 9301 cd
Illuminance @ 5m: 372 lux
Fixture Efficacy: 1 lm/W

Optical

Horizontal Beam Angle (50%): 4.8°
Vertical Beam Angle (50%): 4.8°
Horizontal Field Angle (10%): 7.8°
Vertical Field Angle (10%): 7.8°
Horizontal Cutoff Angle (3%): 9.1°
Vertical Cutoff Angle (3%): 9.1°

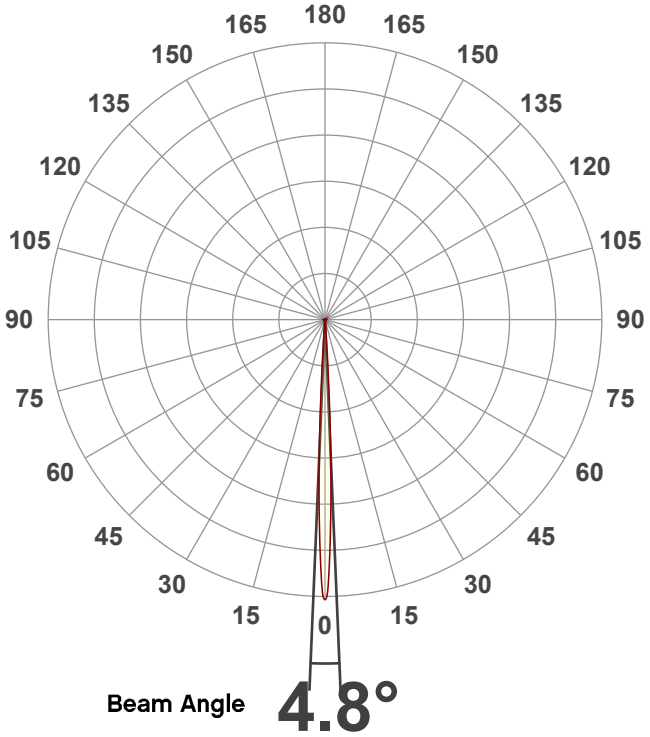
Conditions

AC Supply: 117 V, 60.1 Hz
Power: 86.25 W
Current: 0.739 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 9/18/2019 to LM-63-2002 Standards.

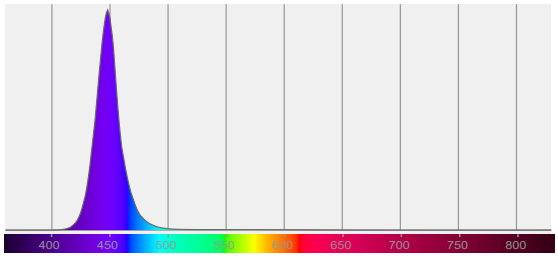
Overall Measurement

Angular Beam Distribution

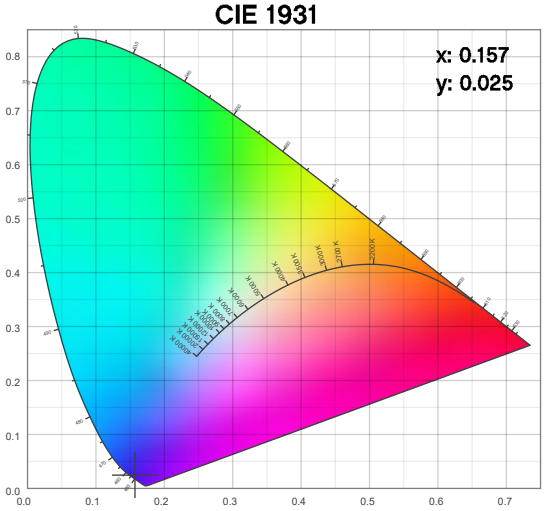


Beam Angle **4.8°**

Spectral Distribution



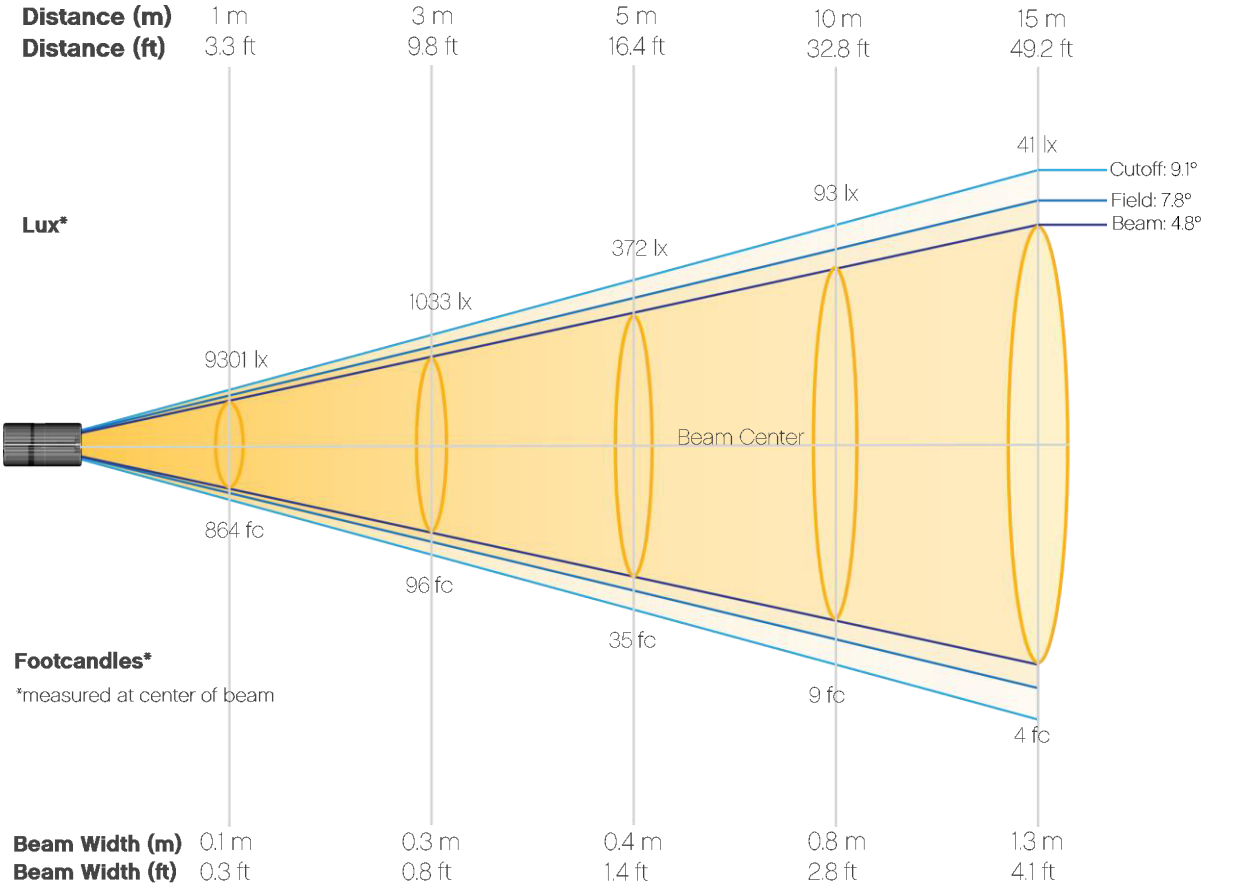
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, Blue Only

Beam Details



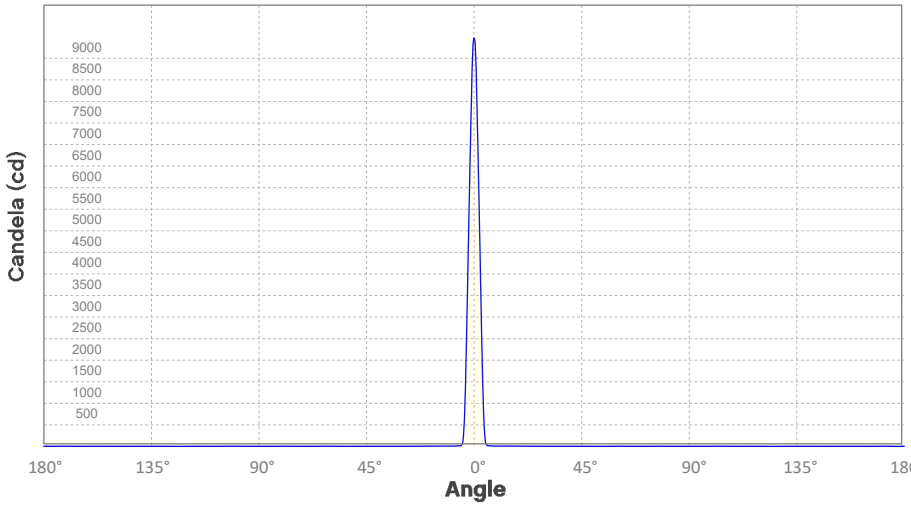
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	9301	2325	1033	581	372	258	190	145	115	93
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	77	65	55	47	41	36	32	29	26	23
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	864	216	96	54	35	24	18	14	11	9
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	7	6	5	4	4	3	3	3	2	2

Photometric Report

Maverick Pyxis: Ring - Full Spot, Blue Only

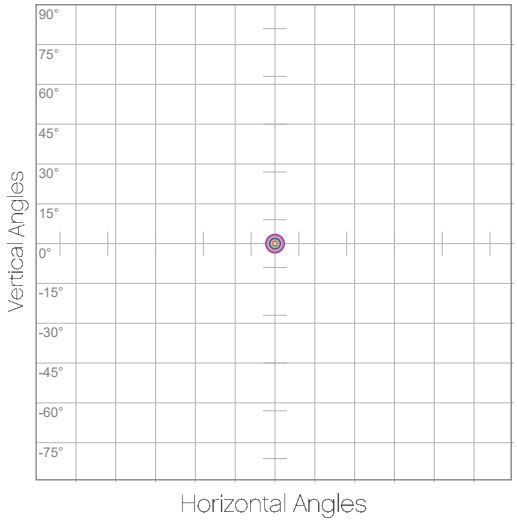
Candela Plot



Beam Angle (50%): 4.8°
Field Angle (10%): 7.8°
Cutoff Angle (3%): 9.1°

Horizontal Distribution
Vertical Distribution

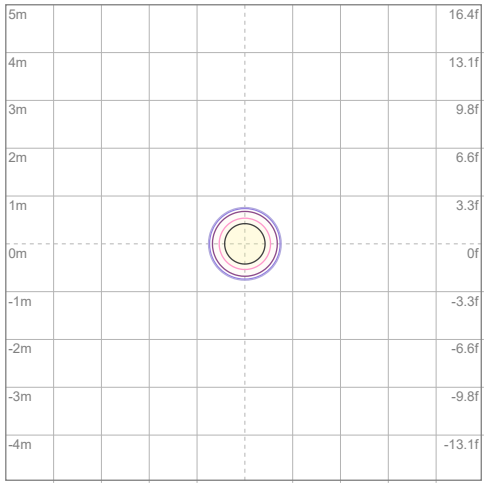
Polar Diagrams



iso-candela Diagram

	10%	930 cd
	20%	1860 cd
	30%	2790 cd
	40%	3721 cd
	50%	4651 cd
	60%	5581 cd
	70%	6511 cd
	80%	7441 cd
	90%	8371 cd

Conditions:
Number of c-planes: 2
Candela at center: 9301 cd



iso-illuminance Diagram

	3%	2.79 lx
	5%	4.65 lx
	10%	9.30 lx
	30%	27.9 lx
	50%	46.5 lx

Conditions:
Number of c-planes: 2
Lux at center: 93.0 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, White Only

Report Summary

Output

Total Lumens: 454 lm
Peak Intensity: 60365 cd
Illuminance @ 5m: 2415 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 4.6°
Vertical Beam Angle (50%): 4.6°
Horizontal Field Angle (10%): 7.4°
Vertical Field Angle (10%): 7.4°
Horizontal Cutoff Angle (3%): 8.5°
Vertical Cutoff Angle (3%): 8.5°

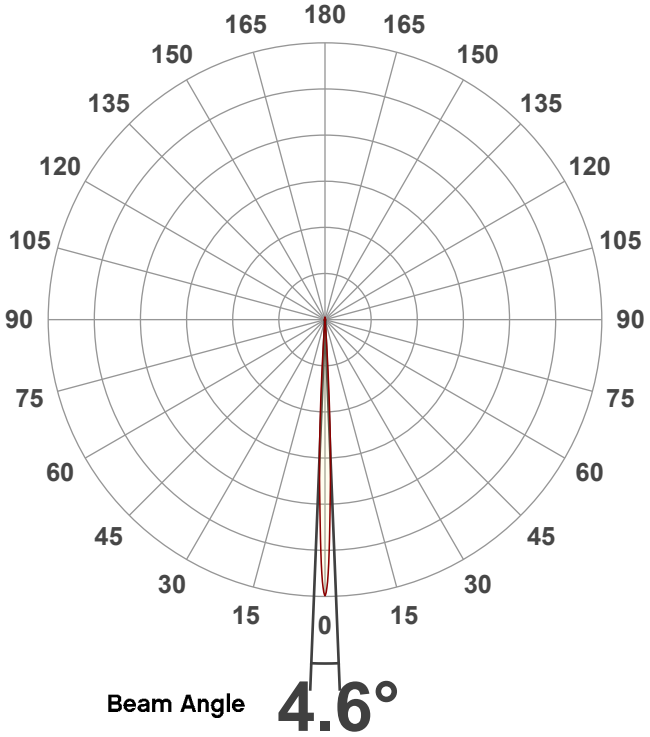
Conditions

AC Supply: 117 V, 60.1 Hz
Power: 85.37 W
Current: 0.730 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 9/18/2019 to LM-63-2002 Standards.

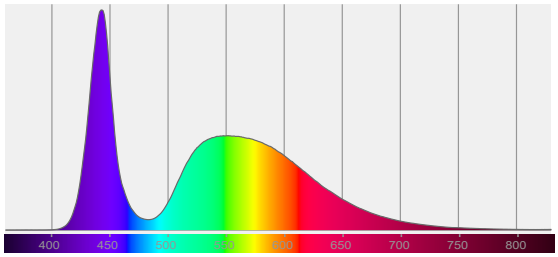
Overall Measurement

Angular Beam Distribution

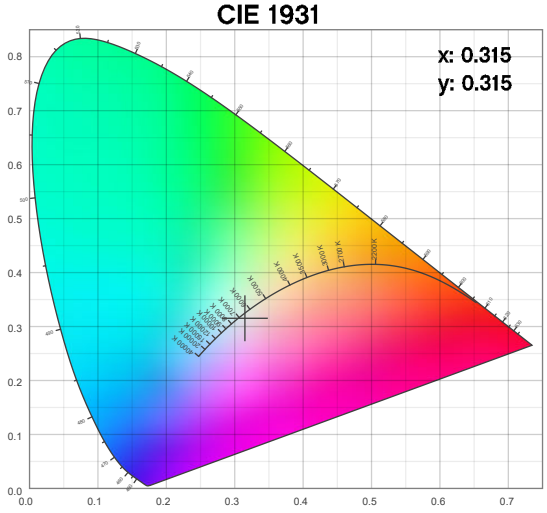


Beam Angle **4.6°**

Spectral Distribution



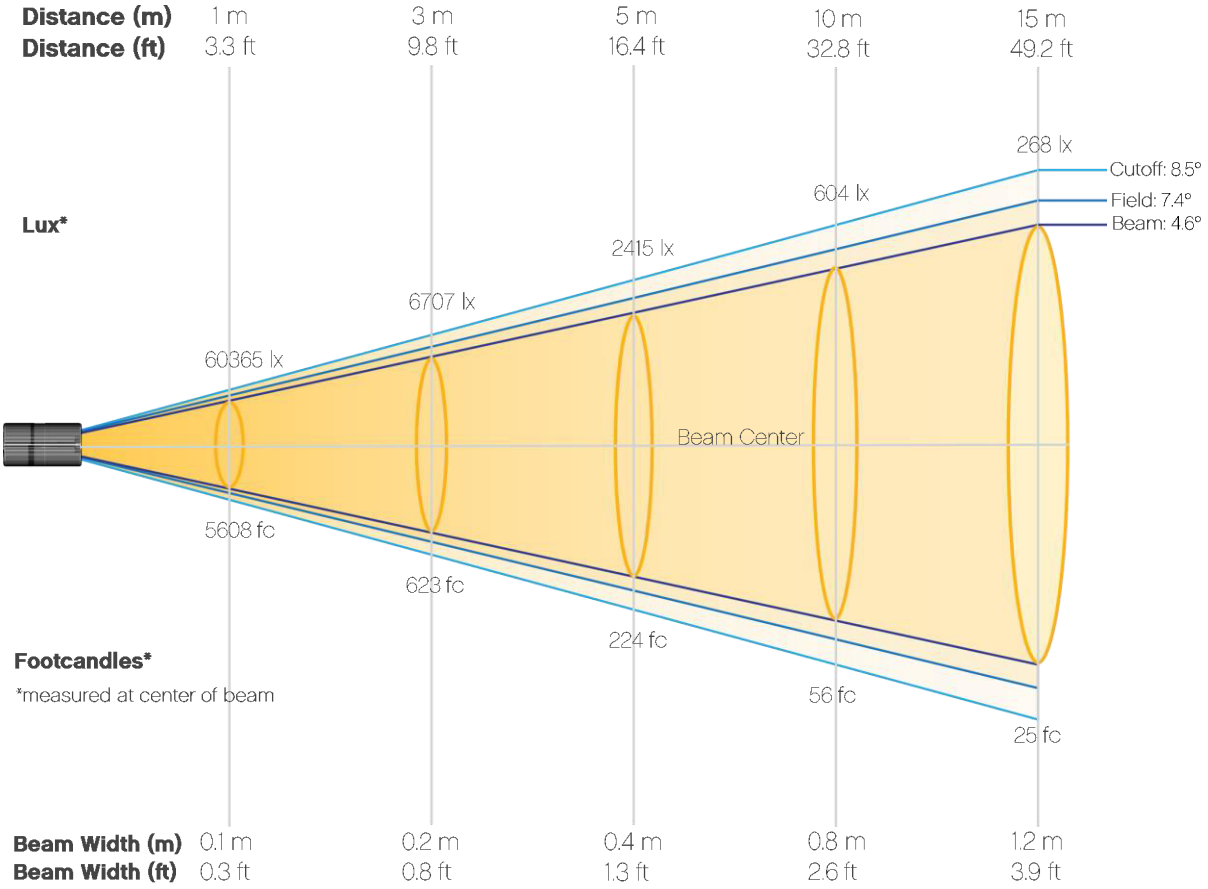
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, White Only

Beam Details



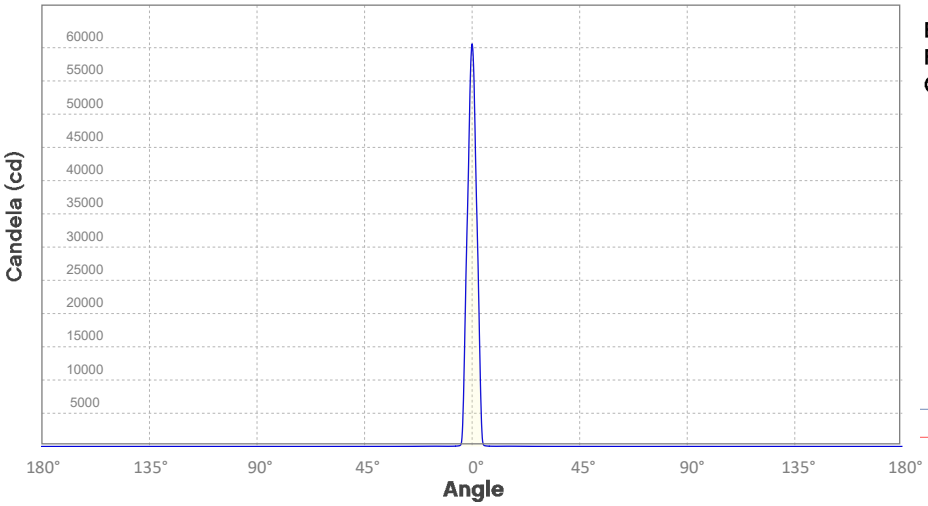
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	60365	15091	6707	3773	2415	1677	1232	943	745	604
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	499	419	357	308	268	236	209	186	167	151
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	5608	1402	623	351	224	156	114	88	69	56
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	46	39	33	29	25	22	19	17	16	14

Photometric Report

Maverick Pyxis: Ring - Full Spot, White Only

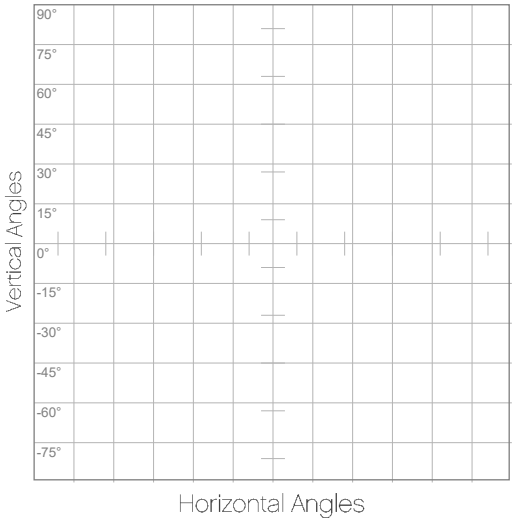
Candela Plot



Beam Angle (50%): 4.6°
Field Angle (10%): 7.4°
Cutoff Angle (3%): 8.5°

Horizontal Distribution
Vertical Distribution

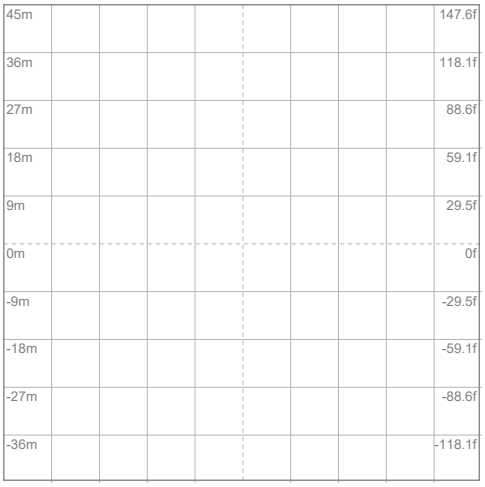
Polar Diagrams



iso-candela Diagram

10%	6037 cd
20%	12073 cd
30%	18110 cd
40%	24146 cd
50%	30183 cd
60%	36219 cd
70%	42256 cd
80%	48292 cd
90%	54329 cd

Conditions:
Number of c-planes: 2
Candela at center: 60365 cd



iso-illuminance Diagram

3%	18.1 lx
5%	30.2 lx
10%	60.4 lx
30%	181 lx
50%	302 lx

Conditions:
Number of c-planes: 2
Lux at center: 604 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - Full Spot, 7500K

Report Summary

Output

Total Lumens: 834 lm
Peak Intensity: 110760 cd
Illuminance @ 5m: 4430 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 4.7°
Vertical Beam Angle (50%): 4.7°
Horizontal Field Angle (10%): 7.5°
Vertical Field Angle (10%): 7.5°
Horizontal Cutoff Angle (3%): 8.7°
Vertical Cutoff Angle (3%): 8.7°

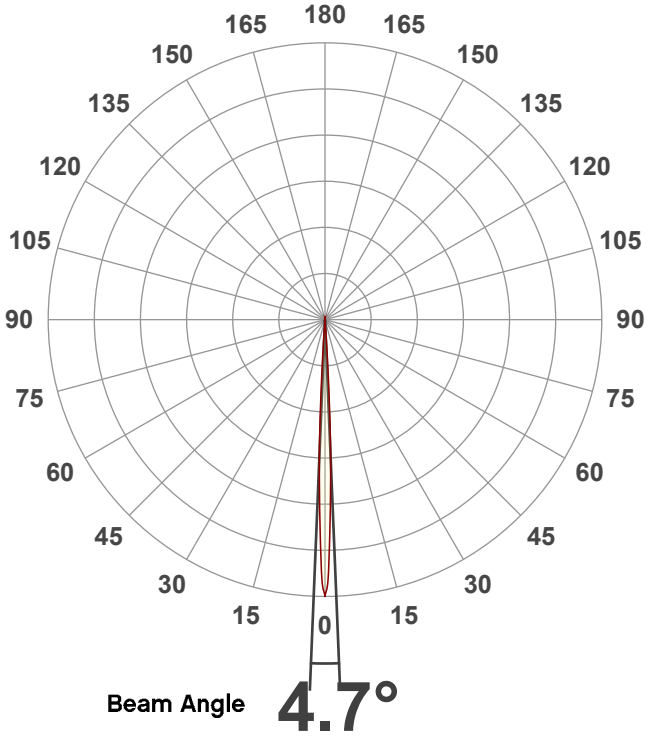
Conditions

AC Supply: 116 V, 60 Hz
Power: 161.31 W
Current: 1.39 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 9/18/2019 to LM-63-2002 Standards.

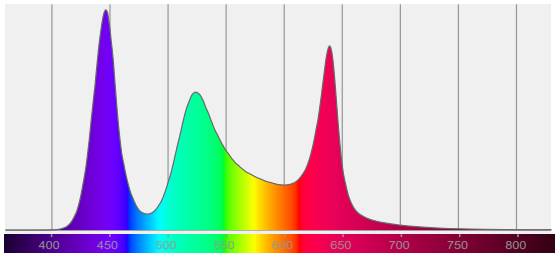
Overall Measurement

Angular Beam Distribution

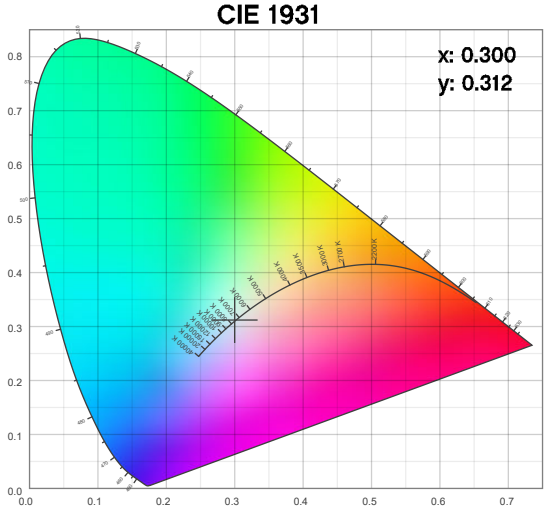


Beam Angle **4.7°**

Spectral Distribution



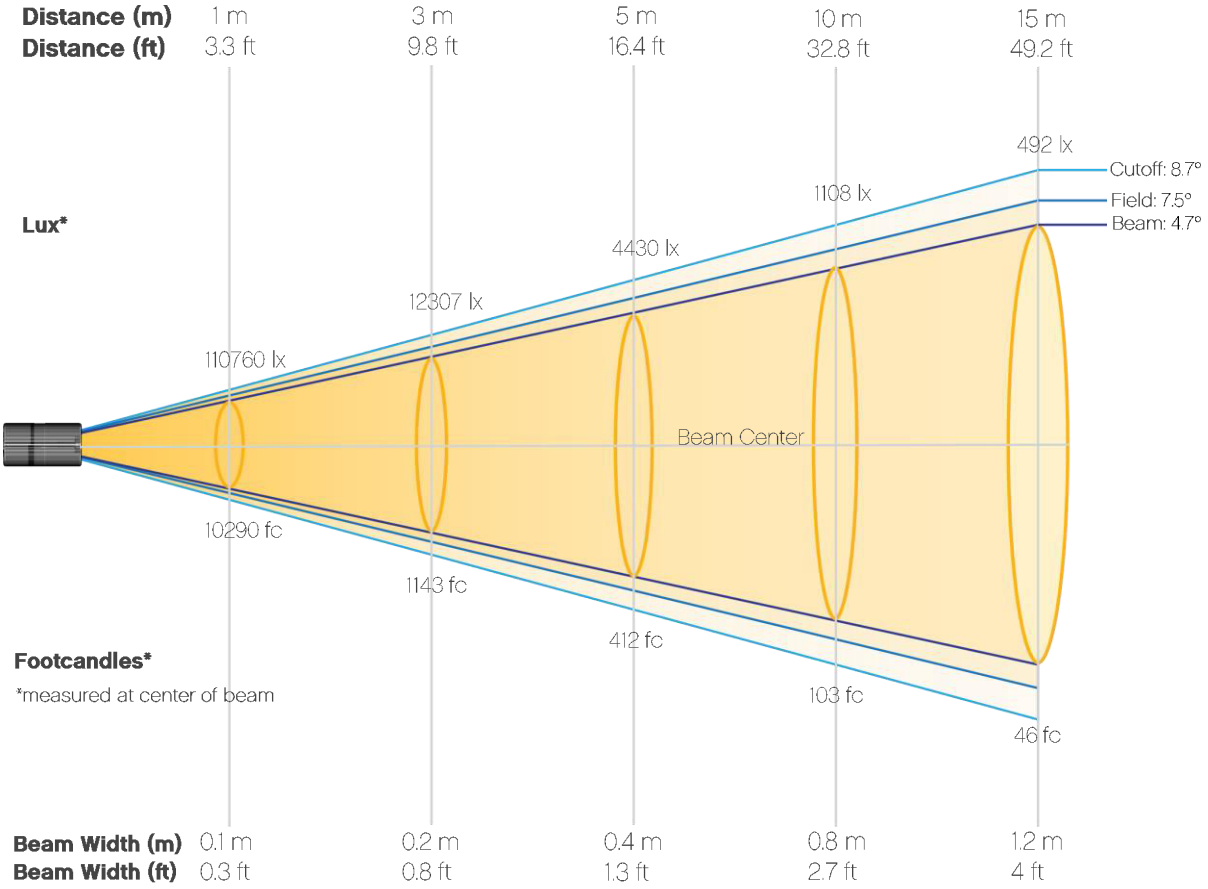
CIE 1931



Photometric Report

Maverick Pyxis: Ring - Full Spot, 7500K

Beam Details



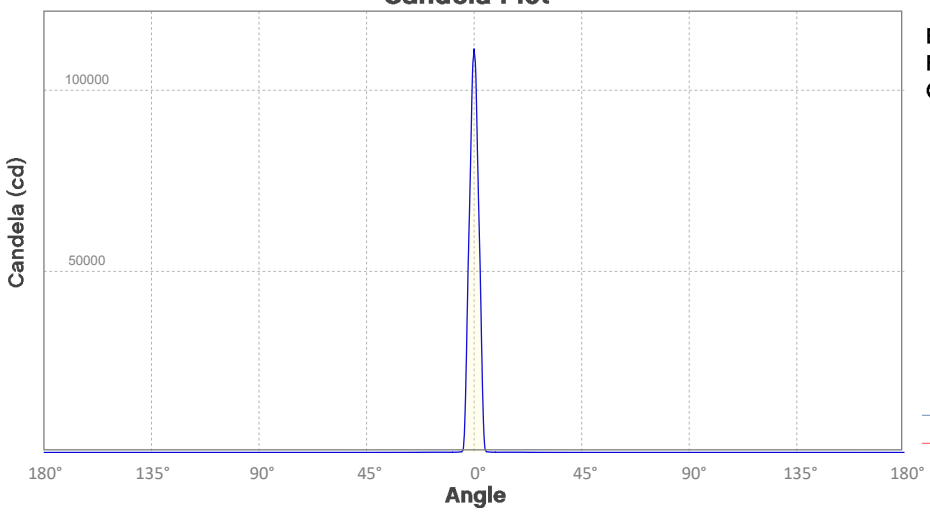
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	110760	27690	12307	6922	4430	3077	2260	1731	1367	1108
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	915	769	655	565	492	433	383	342	307	277
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	10290	2572	1143	643	412	286	210	161	127	103
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	85	71	61	52	46	40	36	32	29	26

Photometric Report

Maverick Pyxis: Ring - Full Spot, 7500K

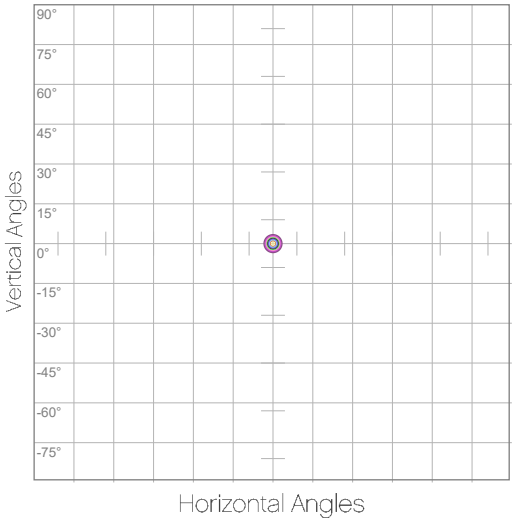
Candela Plot



Beam Angle (50%): 4.7°
Field Angle (10%): 7.5°
Cutoff Angle (3%): 8.7°

Horizontal Distribution
Vertical Distribution

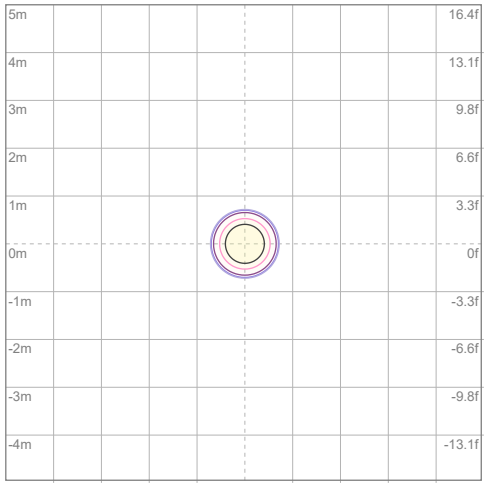
Polar Diagrams



iso-candela Diagram

10%	11076 cd
20%	22152 cd
30%	33228 cd
40%	44304 cd
50%	55380 cd
60%	66456 cd
70%	77532 cd
80%	88608 cd
90%	99684 cd

Conditions:
Number of c-planes: 2
Candela at center: 110760 cd



iso-illuminance Diagram

3%	33.2 lx
5%	55.4 lx
10%	111 lx
30%	332 lx
50%	554 lx

Conditions:
Number of c-planes: 2
Lux at center: 1108 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 2141 lm
Peak Intensity: 42422 cd
Illuminance @ 5m: 1697 lux
Fixture Efficacy: 10 lm/W

Optical

Horizontal Beam Angle (50%): 12.2°
Vertical Beam Angle (50%): 12.2°
Horizontal Field Angle (10%): 20.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 24.2°
Vertical Cutoff Angle (3%): 24.2°

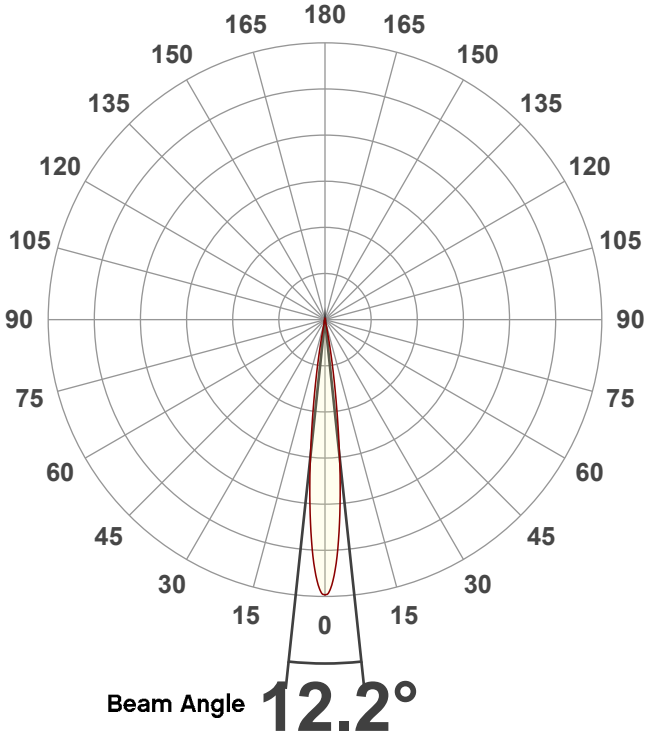
Conditions

AC Supply: 116 V, 60 Hz
Power: 206.01 W
Current: 1.77 A
Power Factor: 0.99

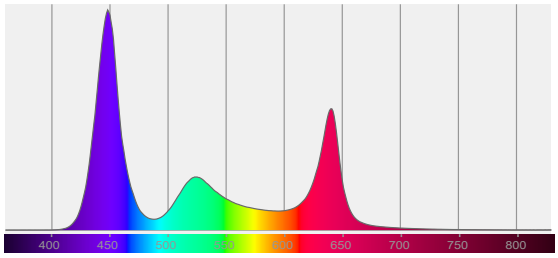
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

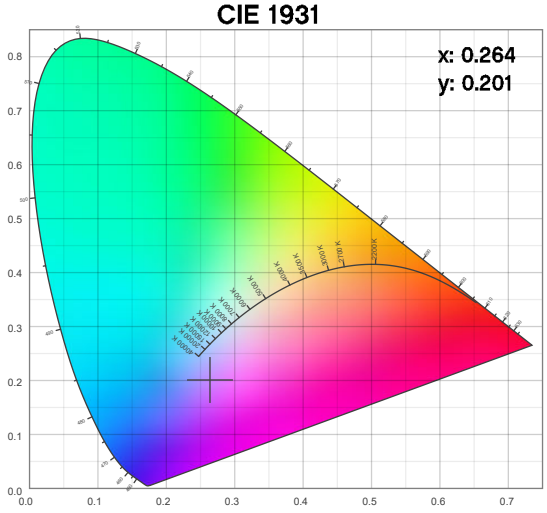
Angular Beam Distribution



Spectral Distribution



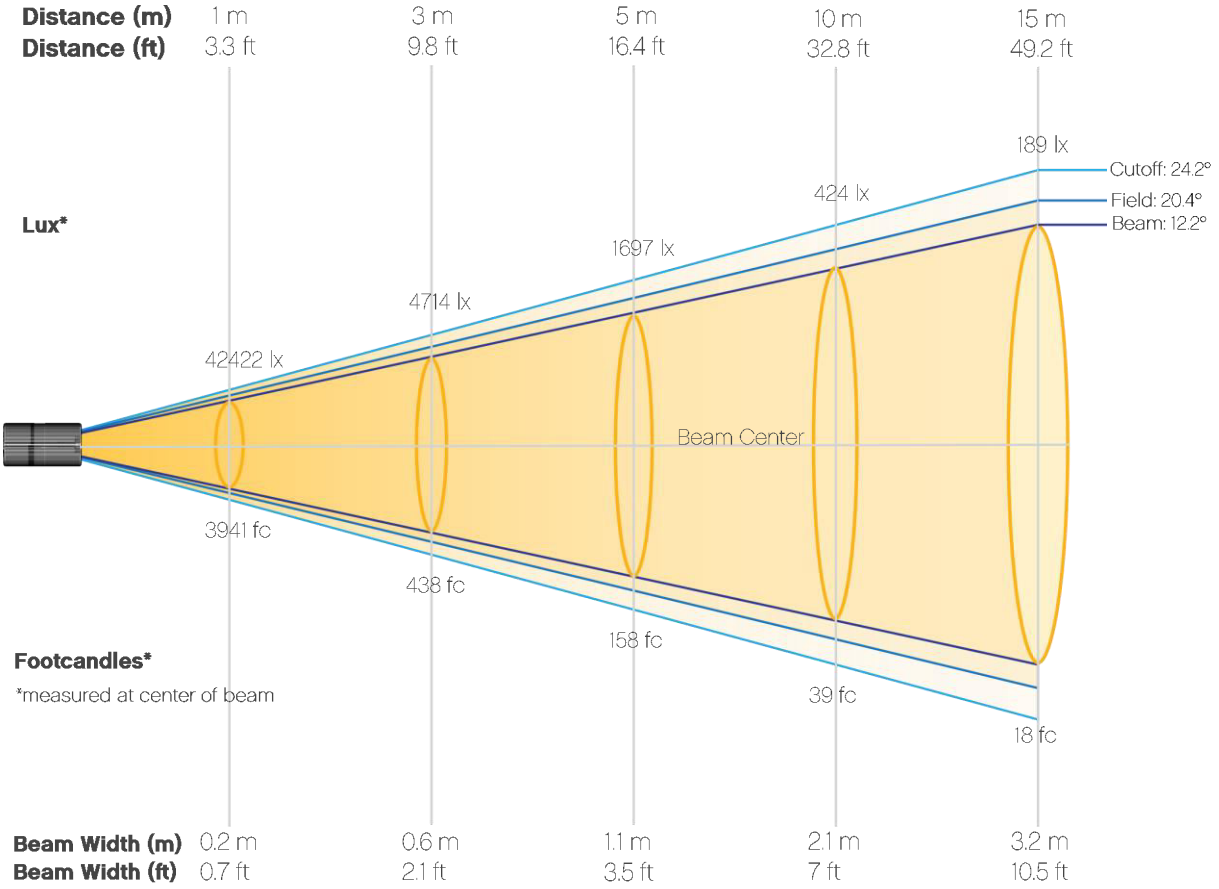
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Full Power

Beam Details



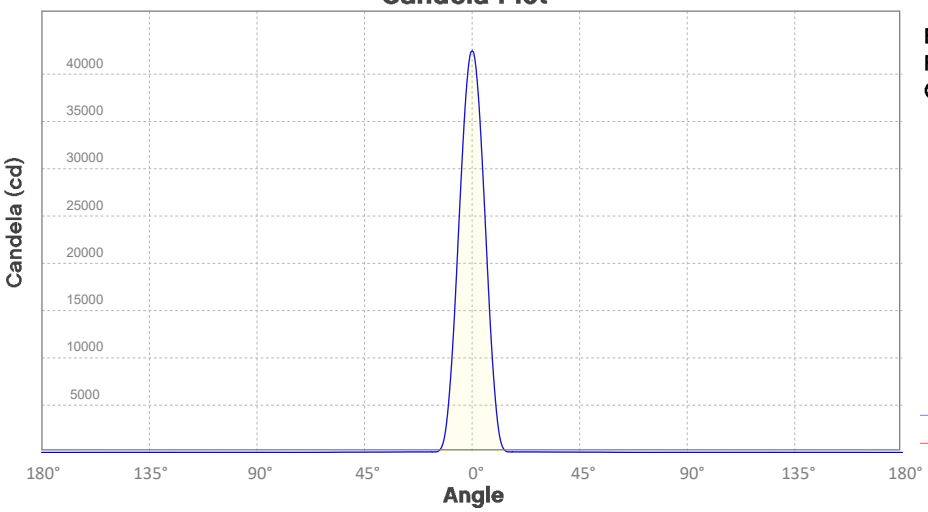
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	42422	10605	4714	2651	1697	1178	866	663	524	424
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	351	295	251	216	189	166	147	131	118	106
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3941	985	438	246	158	109	80	62	49	39
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	33	27	23	20	18	15	14	12	11	10

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Full Power

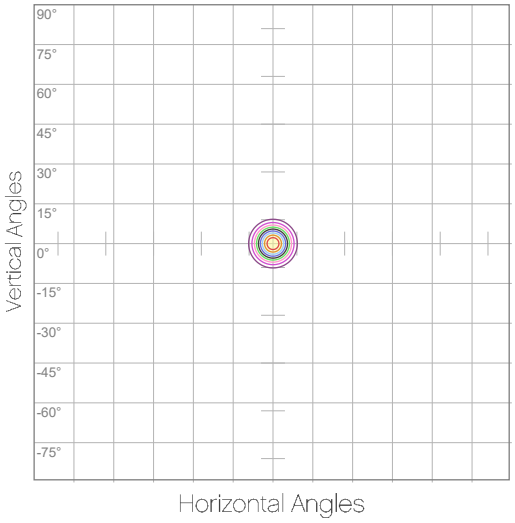
Candela Plot



Beam Angle (50%): 12.2°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 24.2°

Horizontal Distribution
Vertical Distribution

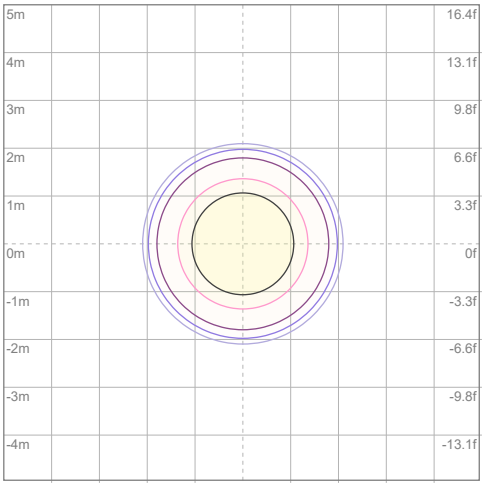
Polar Diagrams



iso-candela Diagram

10%	4242 cd
20%	8484 cd
30%	12727 cd
40%	16969 cd
50%	21211 cd
60%	25453 cd
70%	29695 cd
80%	33938 cd
90%	38180 cd

Conditions:
Number of c-planes: 2
Candela at center: 42422 cd



iso-illuminance Diagram

3%	12.7 lx
5%	21.2 lx
10%	42.4 lx
30%	127 lx
50%	212 lx

Conditions:
Number of c-planes: 2
Lux at center: 424 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Red Only

Report Summary

Output

Total Lumens: 402 lm
Peak Intensity: 7915 cd
Illuminance @ 5m: 317 lux
Fixture Efficacy: 5 lm/W

Optical

Horizontal Beam Angle (50%): 12°
Vertical Beam Angle (50%): 12°
Horizontal Field Angle (10%): 20.2°
Vertical Field Angle (10%): 20.2°
Horizontal Cutoff Angle (3%): 24.1°
Vertical Cutoff Angle (3%): 24.1°

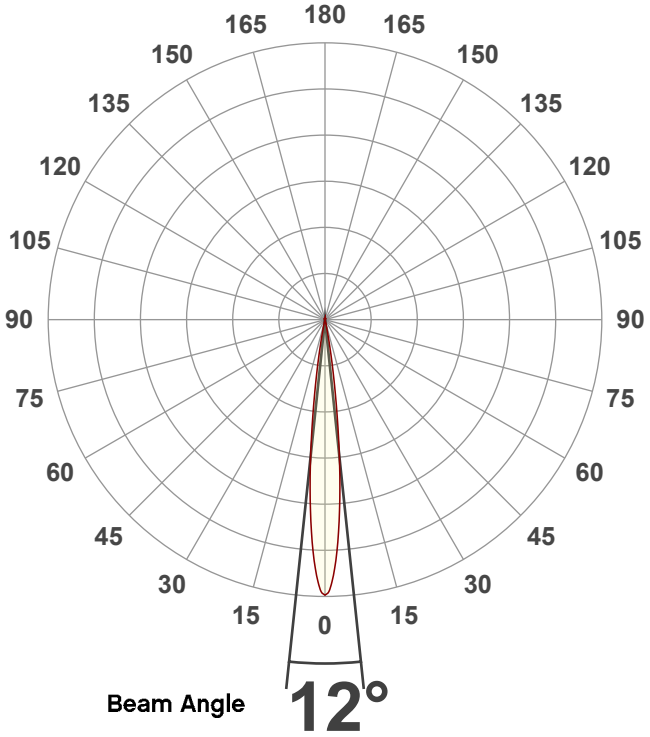
Conditions

AC Supply: 117 V, 60 Hz
Power: 78.59 W
Current: 0.673 A
Power Factor: 0.99

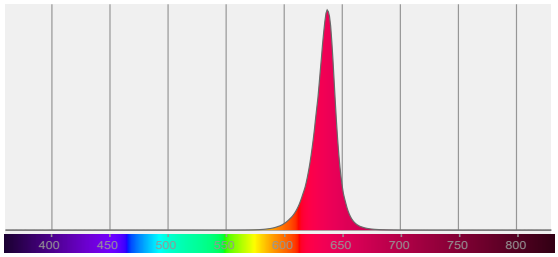
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

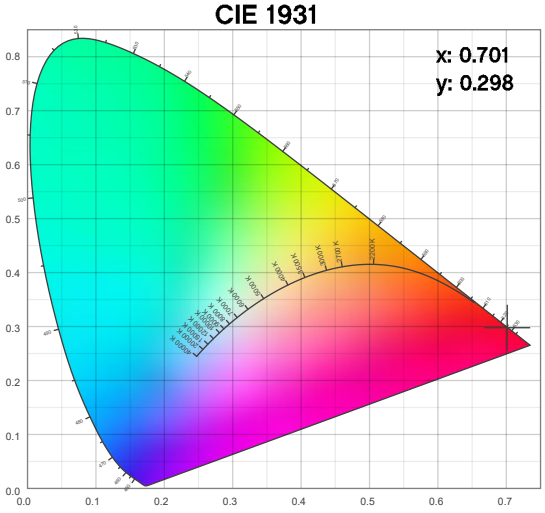
Angular Beam Distribution



Spectral Distribution



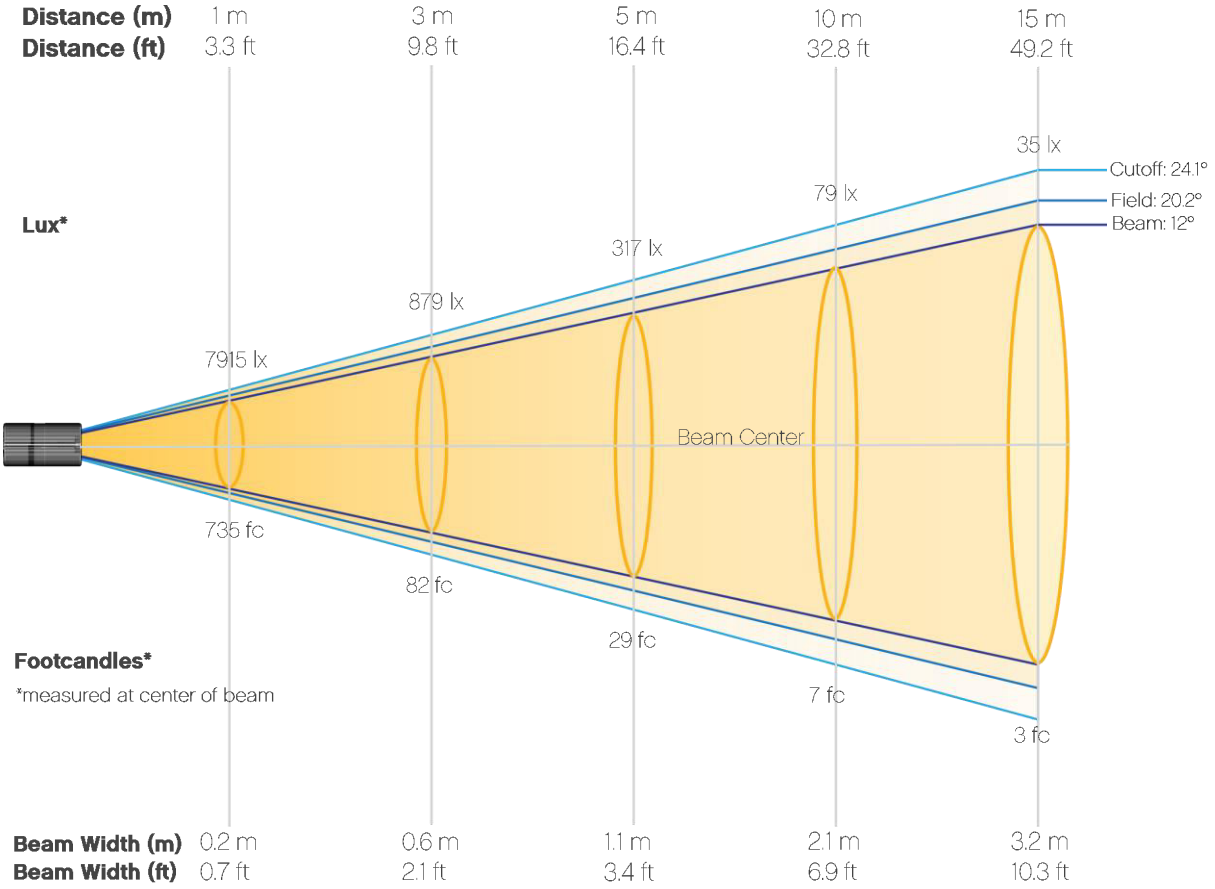
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Red Only

Beam Details



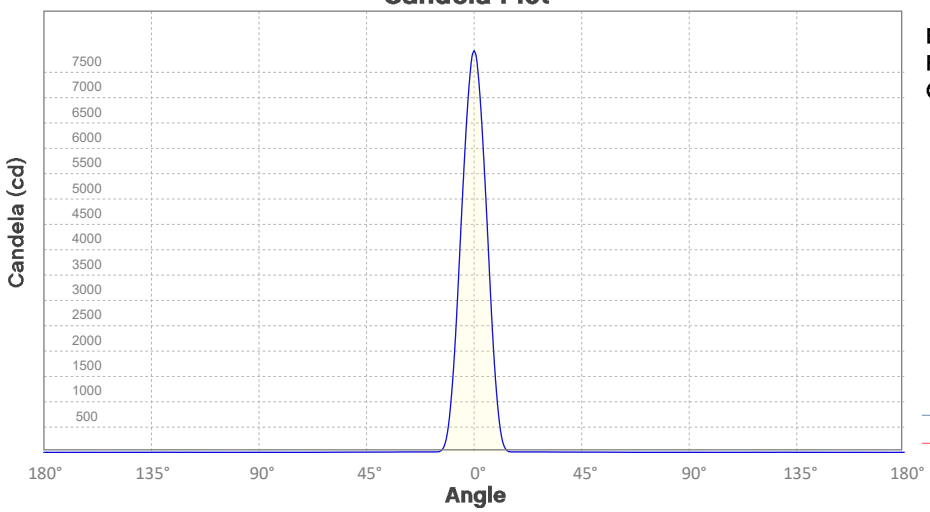
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	7915	1979	879	495	317	220	162	124	98	79
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	65	55	47	40	35	31	27	24	22	20
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	735	184	82	46	29	20	15	11	9	7
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	6	5	4	4	3	3	3	2	2	2

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Red Only

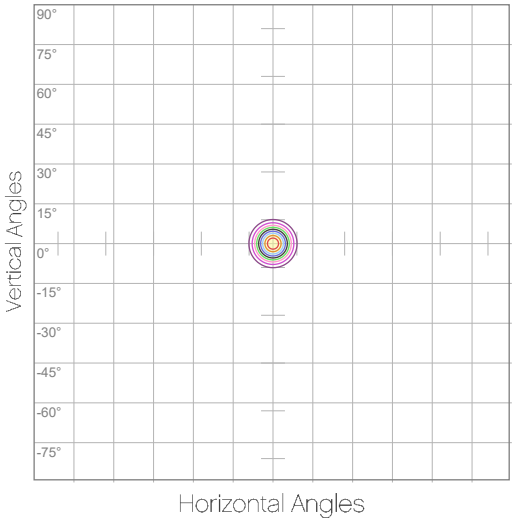
Candela Plot



Beam Angle (50%): 12°
Field Angle (10%): 20.2°
Cutoff Angle (3%): 24.1°

Horizontal Distribution
Vertical Distribution

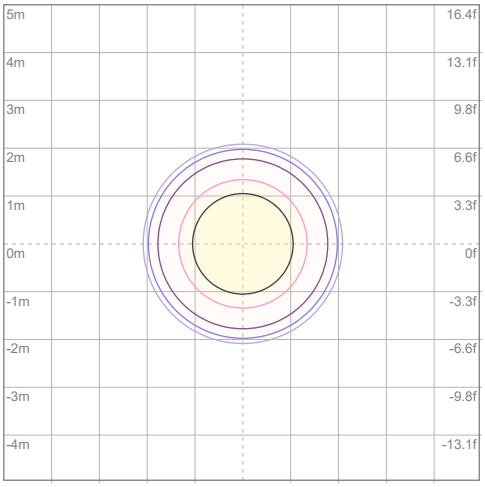
Polar Diagrams



iso-candela Diagram

10%	792 cd
20%	1583 cd
30%	2375 cd
40%	3166 cd
50%	3958 cd
60%	4749 cd
70%	5541 cd
80%	6332 cd
90%	7124 cd

Conditions:
Number of c-planes: 2
Candela at center: 7915 cd



iso-illuminance Diagram

3%	2.37 lx
5%	3.96 lx
10%	7.92 lx
30%	23.7 lx
50%	39.6 lx

Conditions:
Number of c-planes: 2
Lux at center: 79.2 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Green Only

Report Summary

Output

Total Lumens: 679 lm
Peak Intensity: 14044 cd
Illuminance @ 5m: 562 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 11.7°
Vertical Beam Angle (50%): 11.7°
Horizontal Field Angle (10%): 20.1°
Vertical Field Angle (10%): 20.1°
Horizontal Cutoff Angle (3%): 23.9°
Vertical Cutoff Angle (3%): 23.9°

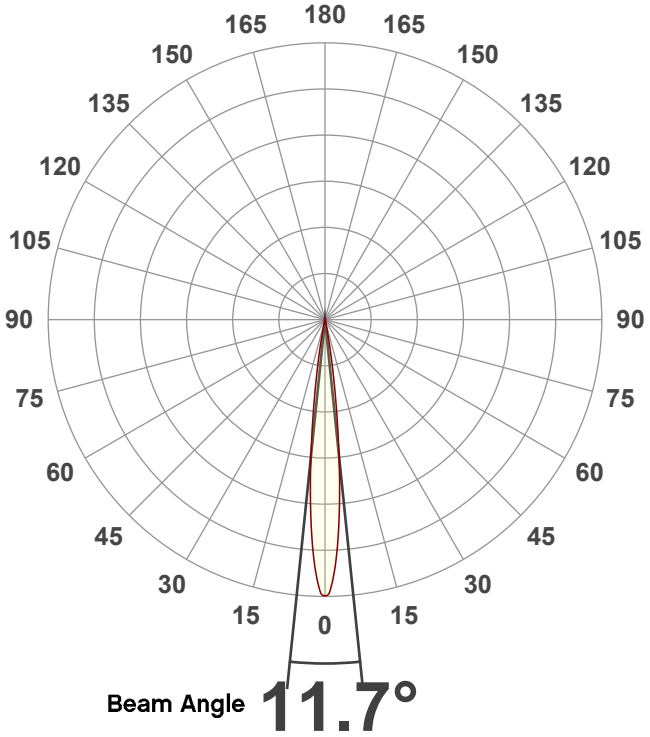
Conditions

AC Supply: 117 V, 60 Hz
Power: 94.0 W
Current: 0.805 A
Power Factor: 0.99

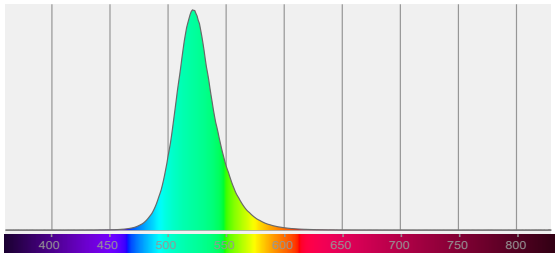
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

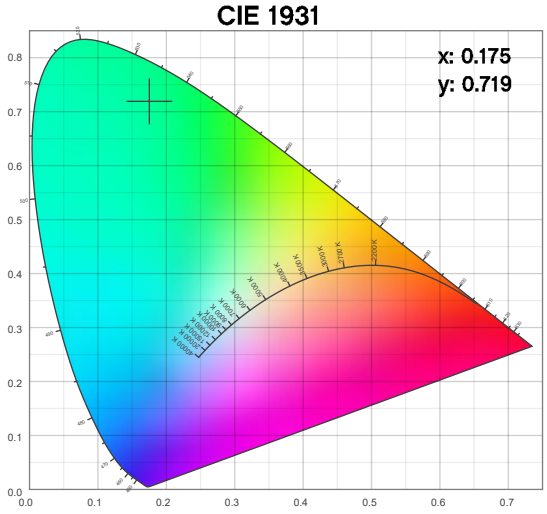
Angular Beam Distribution



Spectral Distribution



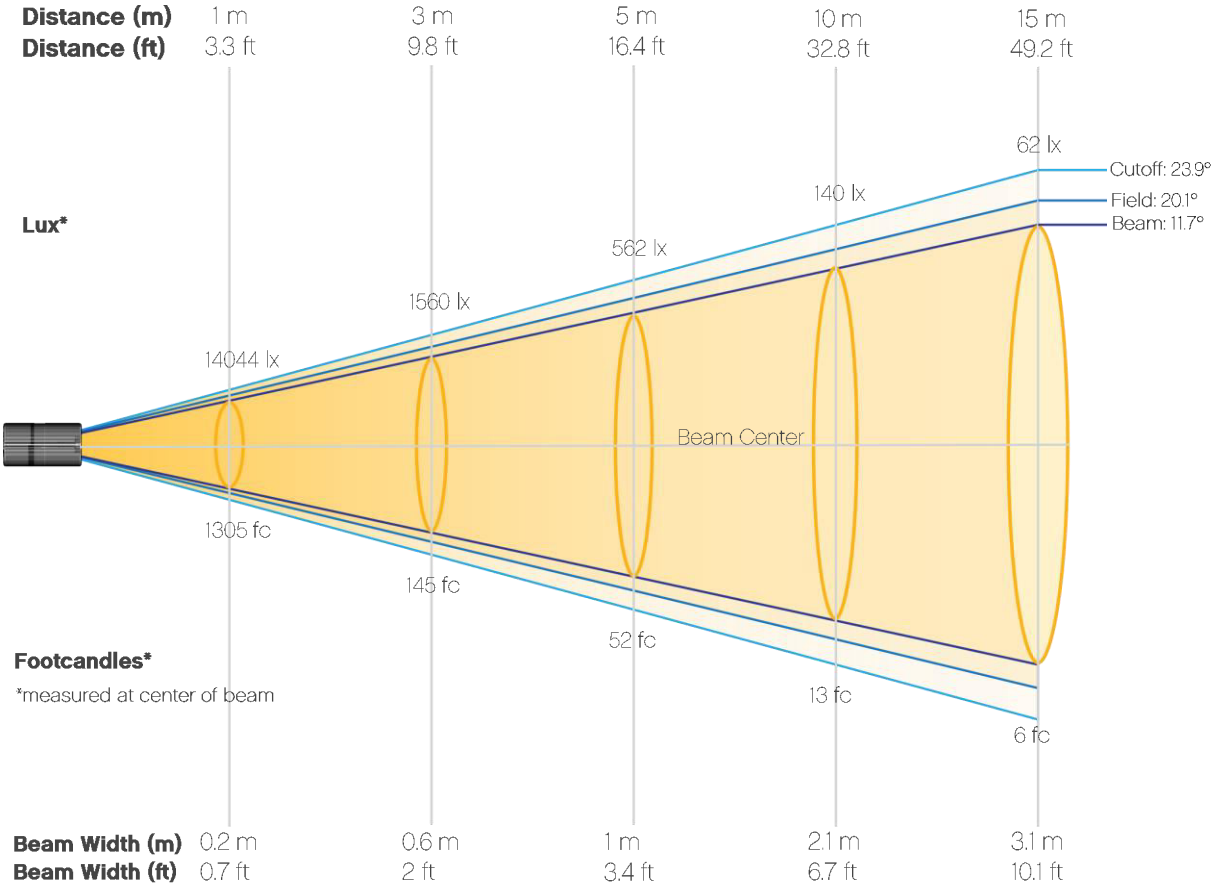
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Green Only

Beam Details



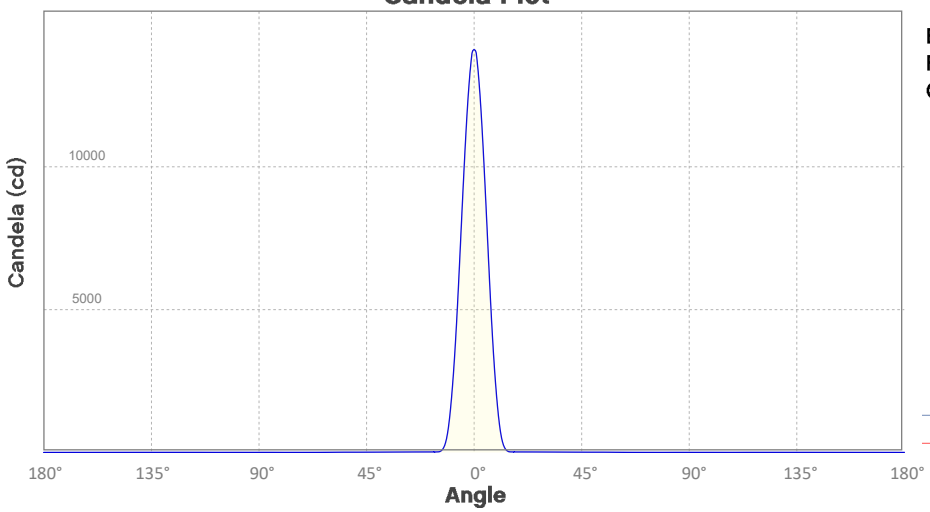
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14044	3511	1560	878	562	390	287	219	173	140
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	116	98	83	72	62	55	49	43	39	35
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1305	326	145	82	52	36	27	20	16	13
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	11	9	8	7	6	5	5	4	4	3

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Green Only

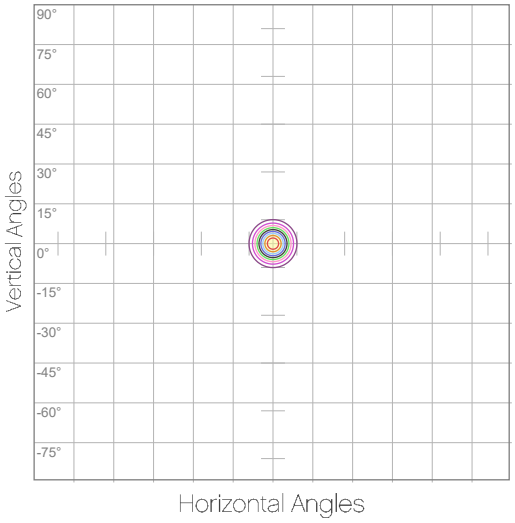
Candela Plot



Beam Angle (50%): 11.7°
Field Angle (10%): 20.1°
Cutoff Angle (3%): 23.9°

Horizontal Distribution
Vertical Distribution

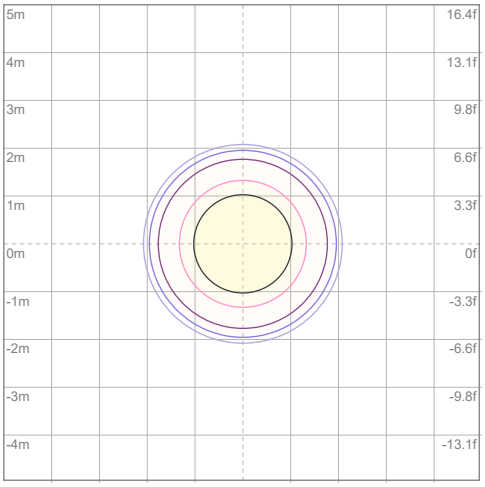
Polar Diagrams



iso-candela Diagram

10%	1404 cd
20%	2809 cd
30%	4213 cd
40%	5617 cd
50%	7022 cd
60%	8426 cd
70%	9831 cd
80%	11235 cd
90%	12639 cd

Conditions:
Number of c-planes: 2
Candela at center: 14044 cd



iso-illuminance Diagram

3%	4.21 lx
5%	7.02 lx
10%	14.0 lx
30%	42.1 lx
50%	70.2 lx

Conditions:
Number of c-planes: 2
Lux at center: 140 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Blue Only

Report Summary

Output

Total Lumens: 183 lm
Peak Intensity: 3403 cd
Illuminance @ 5m: 136 lux
Fixture Efficacy: 2 lm/W

Optical

Horizontal Beam Angle (50%): 11.7°
Vertical Beam Angle (50%): 11.7°
Horizontal Field Angle (10%): 19.9°
Vertical Field Angle (10%): 19.9°
Horizontal Cutoff Angle (3%): 23.7°
Vertical Cutoff Angle (3%): 23.7°

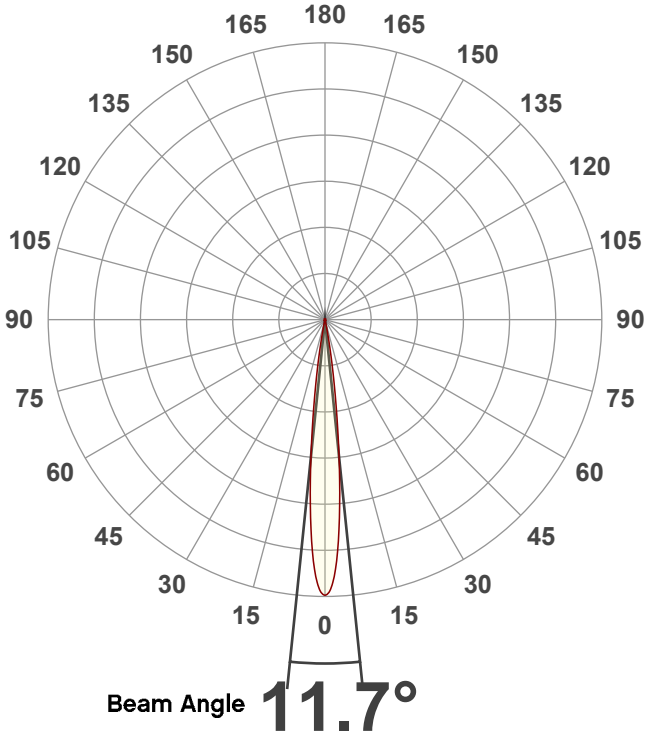
Conditions

AC Supply: 117 V, 60 Hz
Power: 86.5 W
Current: 0.740 A
Power Factor: 0.99

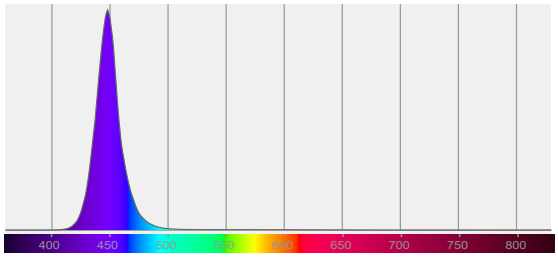
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

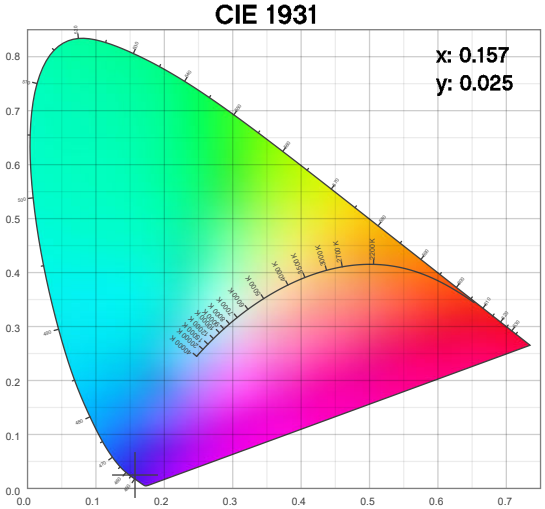
Angular Beam Distribution



Spectral Distribution



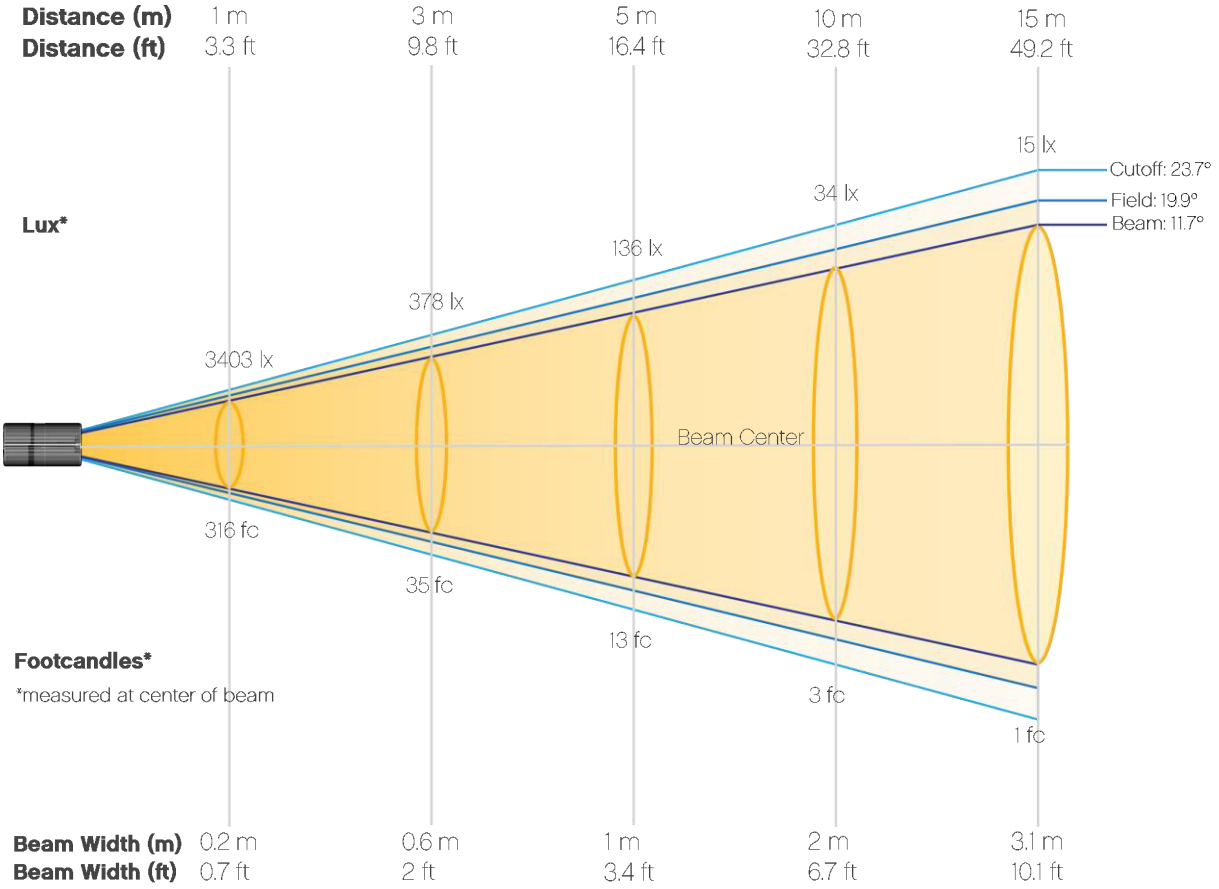
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Blue Only

Beam Details



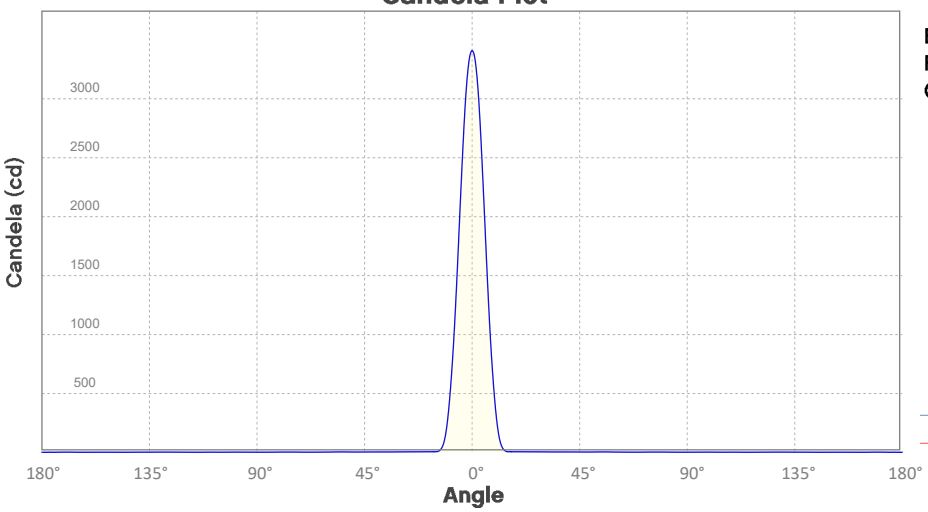
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	3403	851	378	213	136	95	69	53	42	34
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	28	24	20	17	15	13	12	11	9	9
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	316	79	35	20	13	9	6	5	4	3
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	3	2	2	2	1	1	1	1	1	1

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, Blue Only

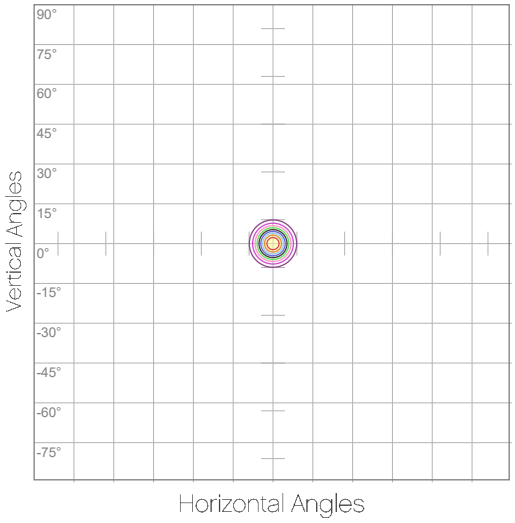
Candela Plot



Beam Angle (50%): 11.7°
Field Angle (10%): 19.9°
Cutoff Angle (3%): 23.7°

Horizontal Distribution
Vertical Distribution

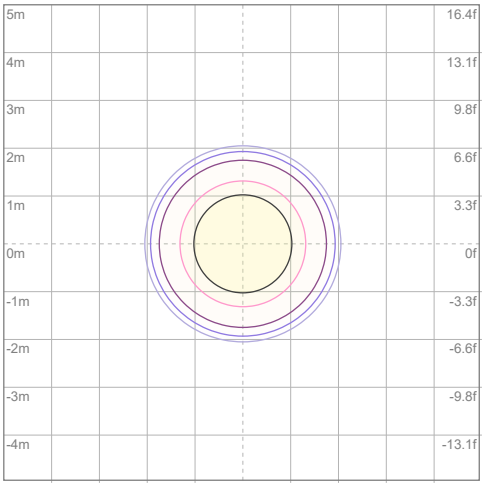
Polar Diagrams



iso-candela Diagram

10%	340 cd
20%	681 cd
30%	1021 cd
40%	1361 cd
50%	1702 cd
60%	2042 cd
70%	2382 cd
80%	2722 cd
90%	3063 cd

Conditions:
Number of c-planes: 2
Candela at center: 3403 cd



iso-illuminance Diagram

3%	1.02 lx
5%	1.70 lx
10%	3.40 lx
30%	10.2 lx
50%	17.0 lx

Conditions:
Number of c-planes: 2
Lux at center: 34.0 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, White Only

Report Summary

Output

Total Lumens: 999 lm
Peak Intensity: 19440 cd
Illuminance @ 5m: 778 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 12.3°
Vertical Beam Angle (50%): 12.3°
Horizontal Field Angle (10%): 20.5°
Vertical Field Angle (10%): 20.5°
Horizontal Cutoff Angle (3%): 24.2°
Vertical Cutoff Angle (3%): 24.2°

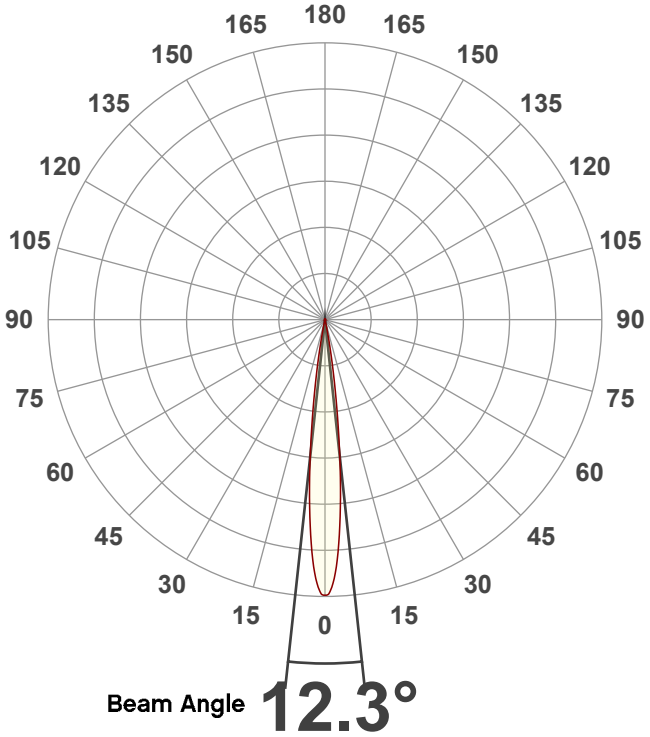
Conditions

AC Supply: 117 V, 60 Hz
Power: 85.64 W
Current: 0.732 A
Power Factor: 0.99

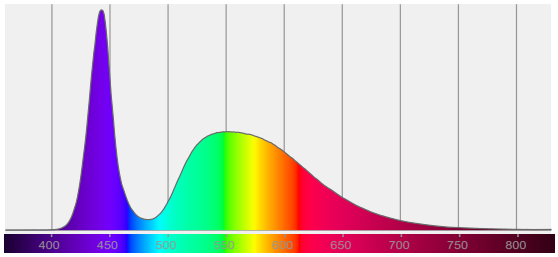
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

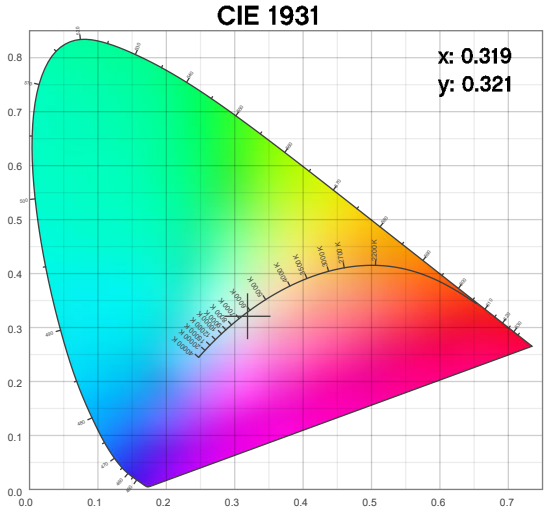
Angular Beam Distribution



Spectral Distribution



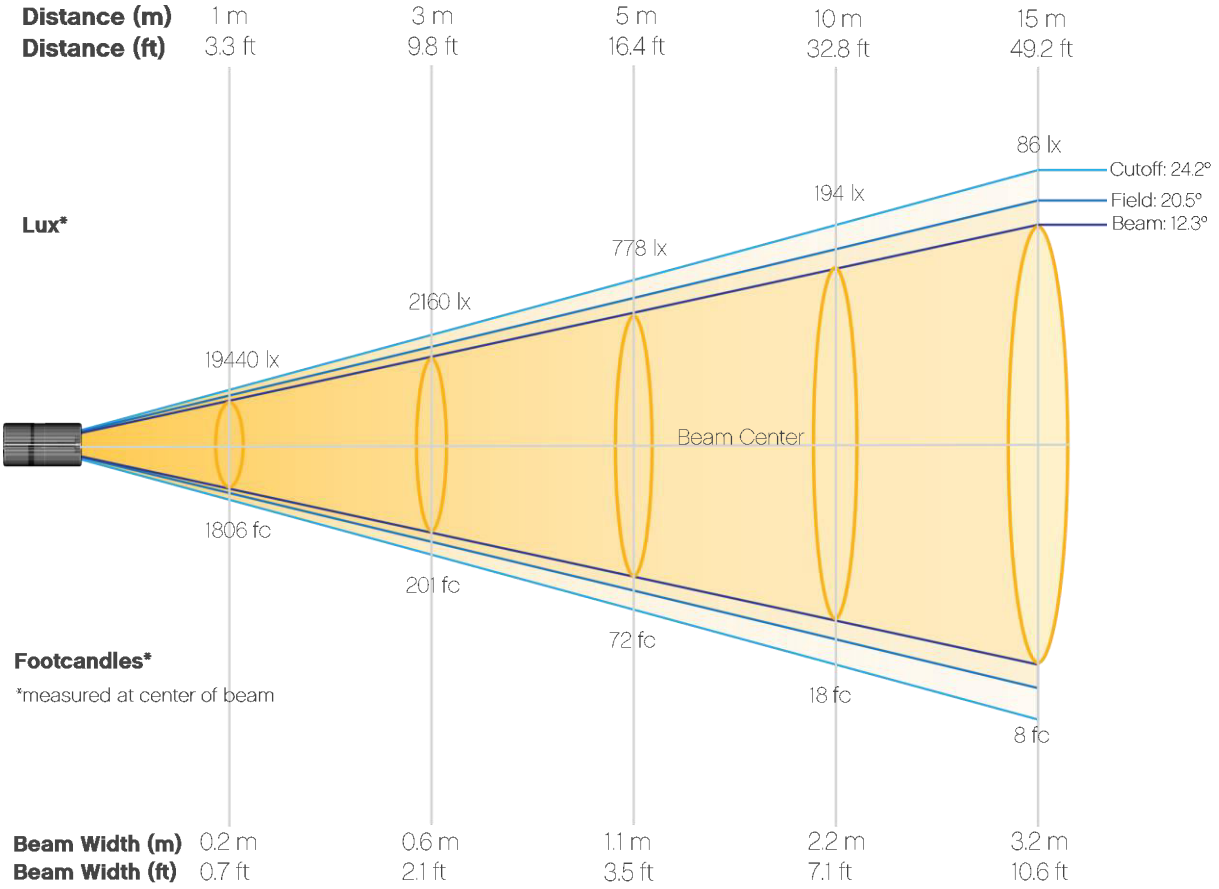
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, White Only

Beam Details



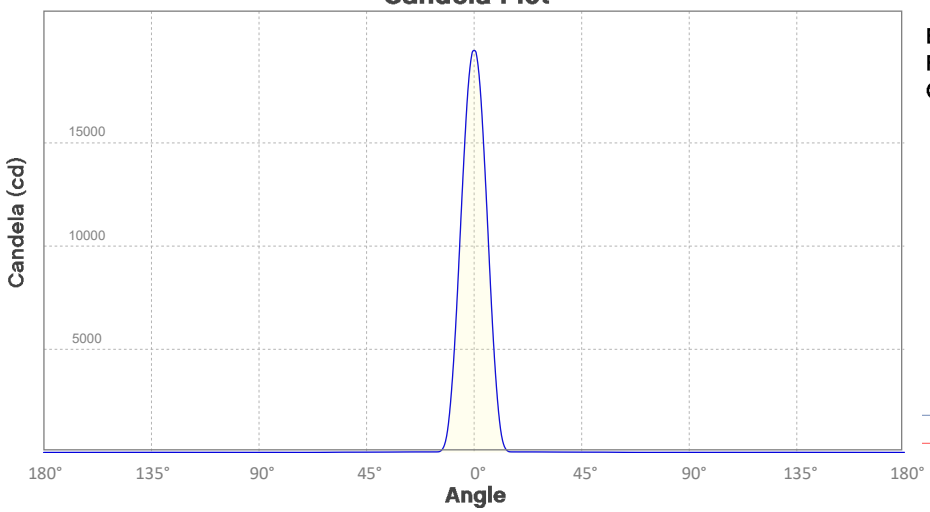
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	19440	4860	2160	1215	778	540	397	304	240	194
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	161	135	115	99	86	76	67	60	54	49
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	1806	452	201	113	72	50	37	28	22	18
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	15	13	11	9	8	7	6	6	5	5

Photometric Report

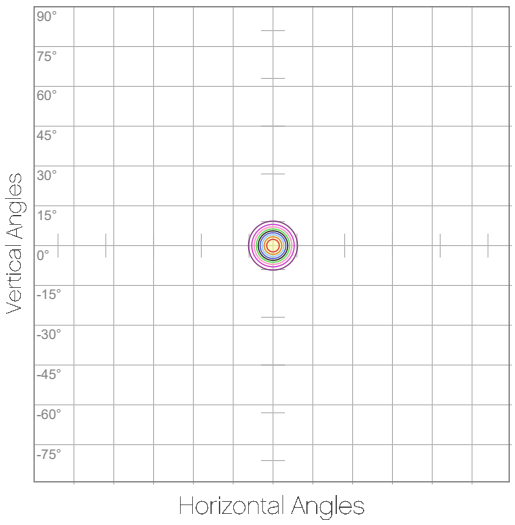
Maverick Pyxis: Ring - 50% Zoom, White Only

Candela Plot



Beam Angle (50%): 12.3°
Field Angle (10%): 20.5°
Cutoff Angle (3%): 24.2°

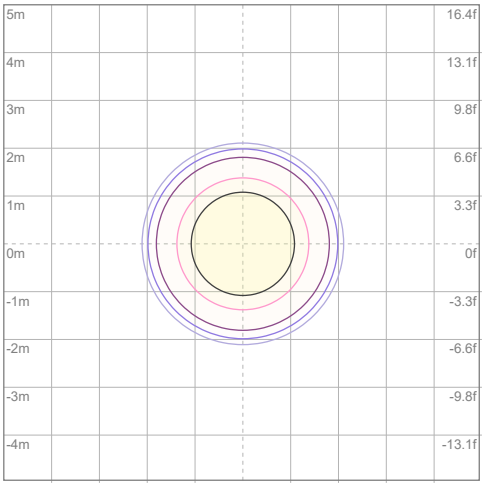
Polar Diagrams



iso-candela Diagram

10%	1944 cd
20%	3888 cd
30%	5832 cd
40%	7776 cd
50%	9720 cd
60%	11664 cd
70%	13608 cd
80%	15552 cd
90%	17496 cd

Conditions:
Number of c-planes: 2
Candela at center: 19440 cd



iso-illuminance Diagram

3%	5.83 lx
5%	9.72 lx
10%	19.4 lx
30%	58.3 lx
50%	97.2 lx

Conditions:
Number of c-planes: 2
Lux at center: 194 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, 7500K

Report Summary

Output

Total Lumens: 1875 lm
Peak Intensity: 37691 cd
Illuminance @ 5m: 1508 lux
Fixture Efficacy: 12 lm/W

Optical

Horizontal Beam Angle (50%): 12.1°
Vertical Beam Angle (50%): 12.1°
Horizontal Field Angle (10%): 20.4°
Vertical Field Angle (10%): 20.4°
Horizontal Cutoff Angle (3%): 24.1°
Vertical Cutoff Angle (3%): 24.1°

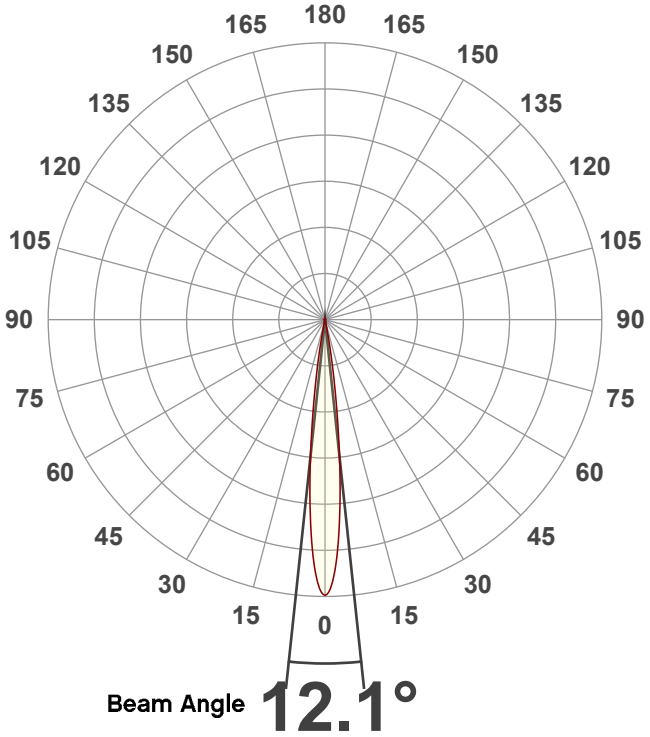
Conditions

AC Supply: 116 V, 60 Hz
Power: 162.94 W
Current: 1.41 A
Power Factor: 0.99

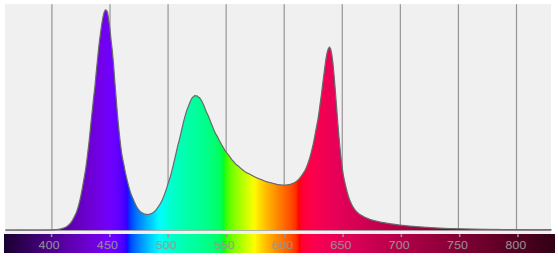
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 9/18/2019 to LM-63-2002 Standards.

Overall Measurement

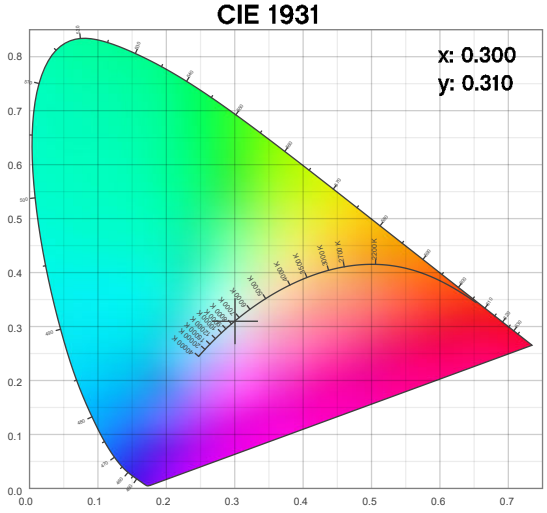
Angular Beam Distribution



Spectral Distribution



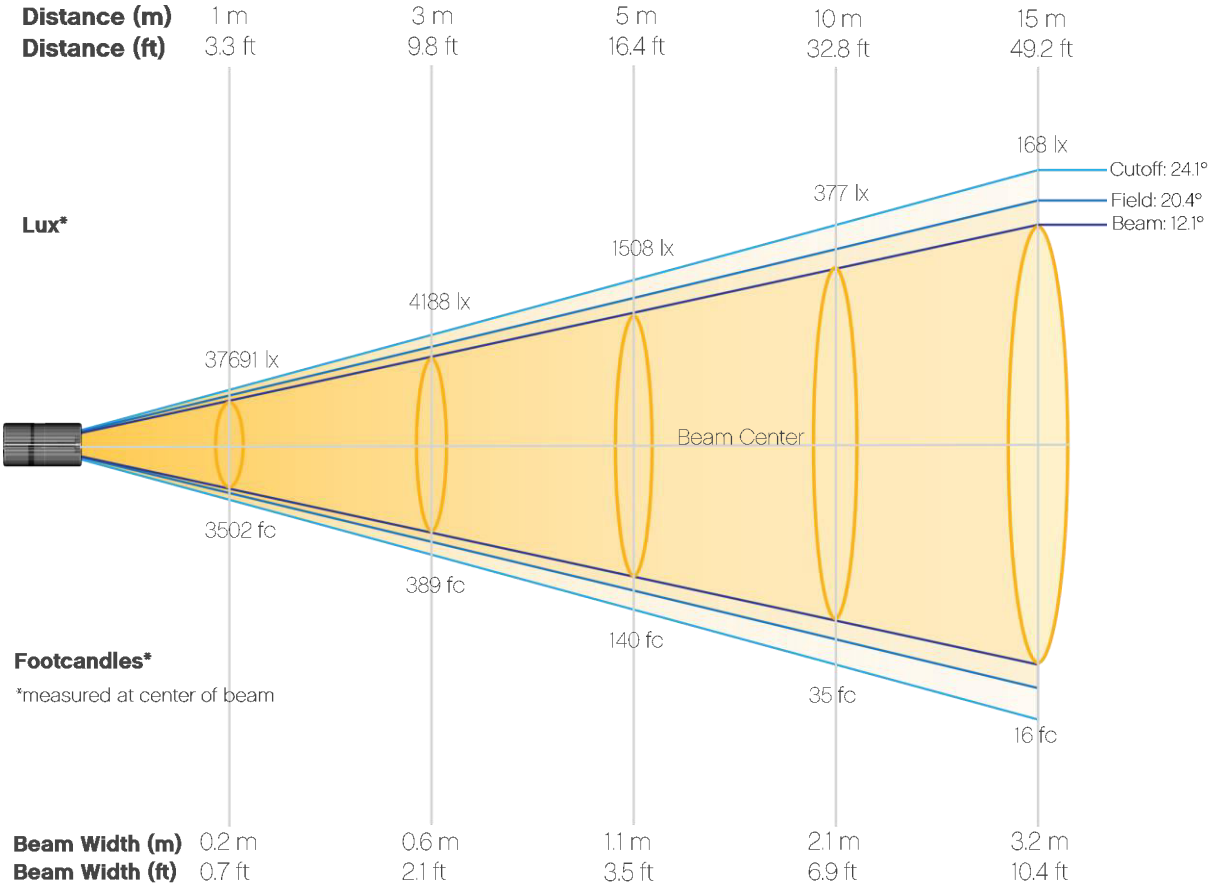
CIE 1931



Photometric Report

Maverick Pyxis: Ring - 50% Zoom, 7500K

Beam Details



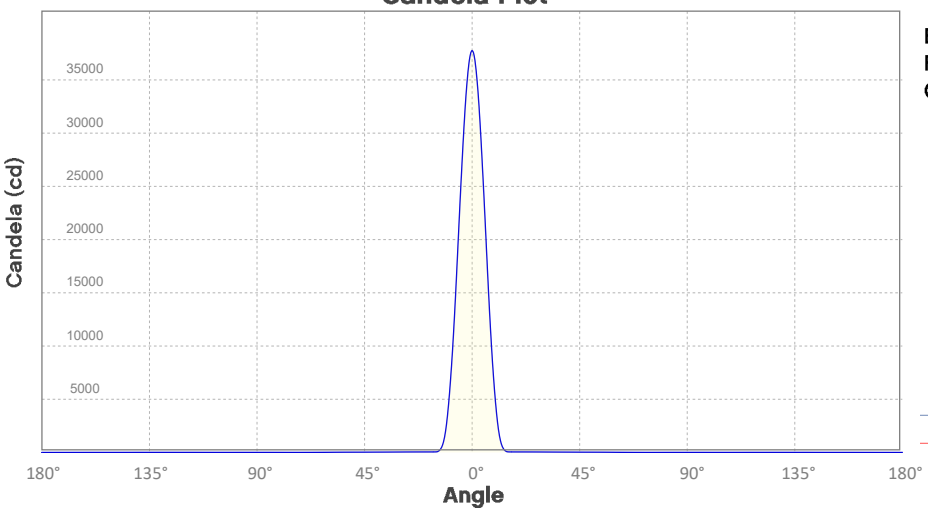
Beam Iluminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	37691	9423	4188	2356	1508	1047	769	589	465	377
Distance	**11m**	**12m**	**13m**	**14m**	**15m**	**16m**	**17m**	**18m**	**19m**	**20m**
Lux	311	262	223	192	168	147	130	116	104	94
Distance	**3.3ft**	**6.6ft**	**9.8ft**	**13.1ft**	**16.4ft**	**19.7ft**	**23ft**	**26.2ft**	**29.5ft**	**32.8ft**
FC	3502	875	389	219	140	97	71	55	43	35
Distance	**36.1ft**	**39.4ft**	**42.7ft**	**45.9ft**	**49.2ft**	**52.5ft**	**55.8ft**	**59.1ft**	**62.3ft**	**65.6ft**
FC	29	24	21	18	16	14	12	11	10	9

Photometric Report

Maverick Pyxis: Ring - 50% Zoom, 7500K

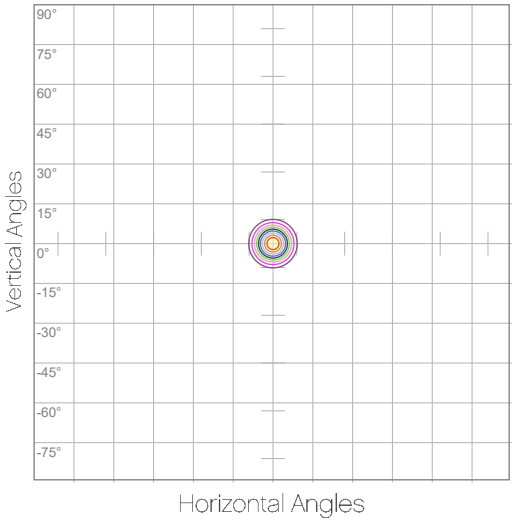
Candela Plot



Beam Angle (50%): 12.1°
Field Angle (10%): 20.4°
Cutoff Angle (3%): 24.1°

Horizontal Distribution
Vertical Distribution

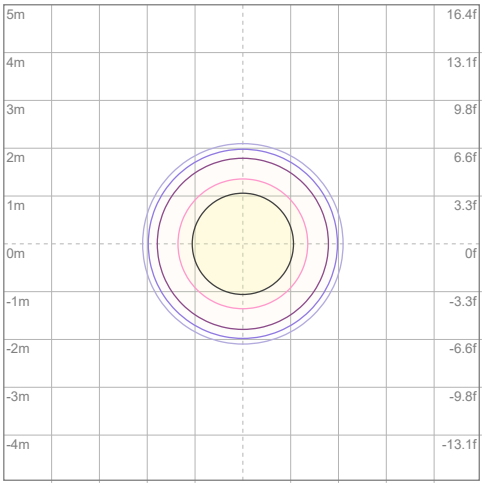
Polar Diagrams



iso-candela Diagram

10%	3769 cd
20%	7538 cd
30%	11307 cd
40%	15077 cd
50%	18846 cd
60%	22615 cd
70%	26384 cd
80%	30153 cd
90%	33922 cd

Conditions:
Number of c-planes: 2
Candela at center: 37691 cd



iso-illuminance Diagram

3%	11.3 lx
5%	18.8 lx
10%	37.7 lx
30%	113 lx
50%	188 lx

Conditions:
Number of c-planes: 2
Lux at center: 377 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.