

PHOTOMETRICS REPORT

ROGUE **R2X**
WASH VW



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Testing Process

Total Illuminance Measurements

Illuminance is measured using the Viso Systems LabSpion[®], which takes multiple measurements across a light beam to calculate the total delivered lumens, beam, and field of a product. These values can be described as the empirical output of the product as it projects from the lens or lenses. All photometric data contained in this report are obtained from the actual illuminance of the tested Chauvet light source and are never theoretical values derived from calculations.

Testing Lab Equipment and Process

The Chauvet headquarters in Sunrise, Florida has a climate- and light-controlled photometric testing laboratory where Chauvet products are analyzed and photometric data are measured using the Viso Systems LabSpion[®] light measurement solution.

This system includes a spectrometer sensor, which measures the precise light and color output of the fixture, and a two-axis goniometer, which rotates the product to allow for multi-angle and multi-directional measurement. The Viso Light Inspector software then collects and summarizes the data. From the data gathered, the software can also measure the beam and field angles, accurate color temperature, color quality, and illuminance at multiple distances. The custom-built, Chauvet-specific template presents this information in the photometric and chromaticity reports that follow.

IES (Illuminating Engineering Society) files, an industry-standard file format, are also generated from each test for easy distribution of photometric data.

Several light meters are also used for specific products or to recheck for precision. Accuracy is verified using one or more of the devices listed below:

- Sekonic SpectroMaster C-700-U
- EXTECH HD450 Datalogging Heavy Duty Light Meter
- Asensetek Essence Lighting Passport

To ensure accurate measurements in every photometric or chromaticity test, Chauvet routinely calibrates the LabSpion[®] system every six months as recommended by Viso Systems.

Photometric Report

Rogue R2X VW: Full Flood, Full Power

Report Summary

Output

Total Lumens: 10918 lm
Peak Intensity: 31657 cd
Illuminance @ 5m: 1266 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 34.4°
Vertical Beam Angle (50%): 34.4°
Horizontal Field Angle (10%): 50.4°
Vertical Field Angle (10%): 50.4°
Horizontal Cutoff Angle (3%): 63°
Vertical Cutoff Angle (3%): 63°



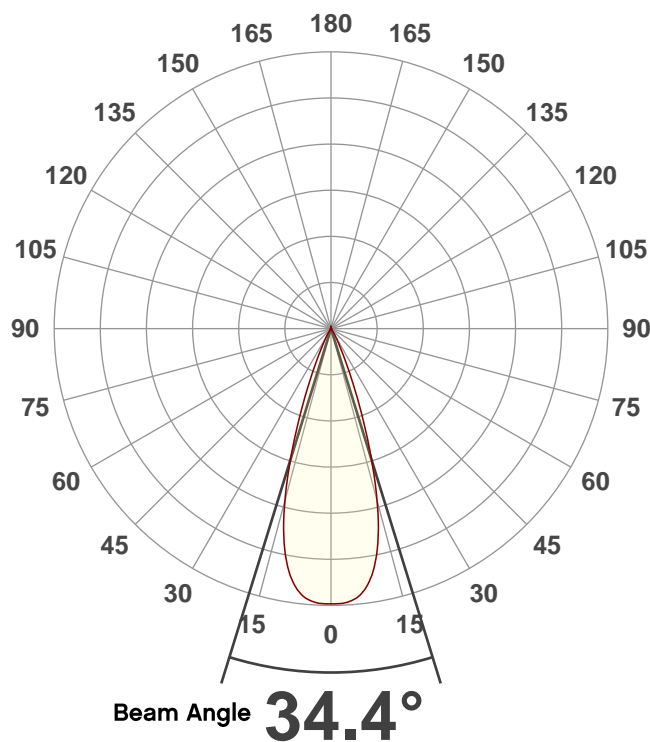
Conditions

AC Supply: 117 V, 60 Hz
Power: 327.91 W
Current: 2.81 A
Power Factor: 0.99

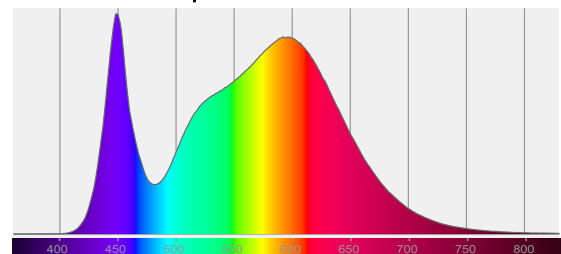
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 12/17/2019 to LM-63-2002 Standards.

Overall Measurement

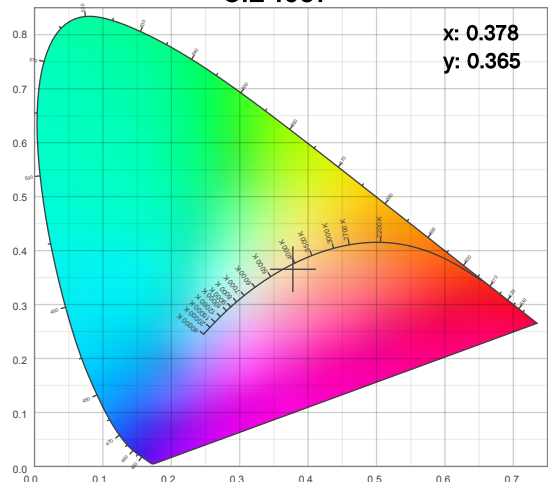
Angular Beam Distribution



Spectral Distribution



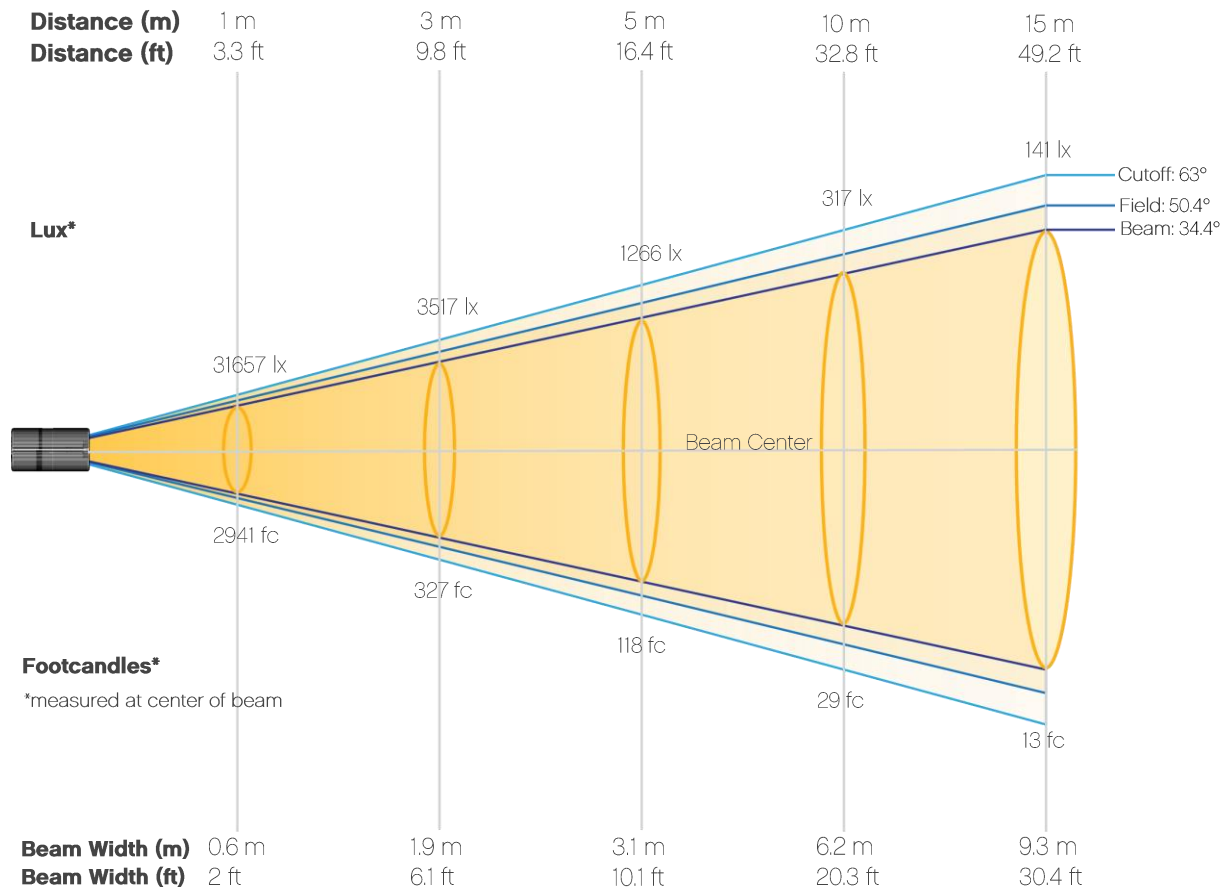
CIE 1931



Photometric Report

Rogue R2X VW: Full Flood, Full Power

Beam Details

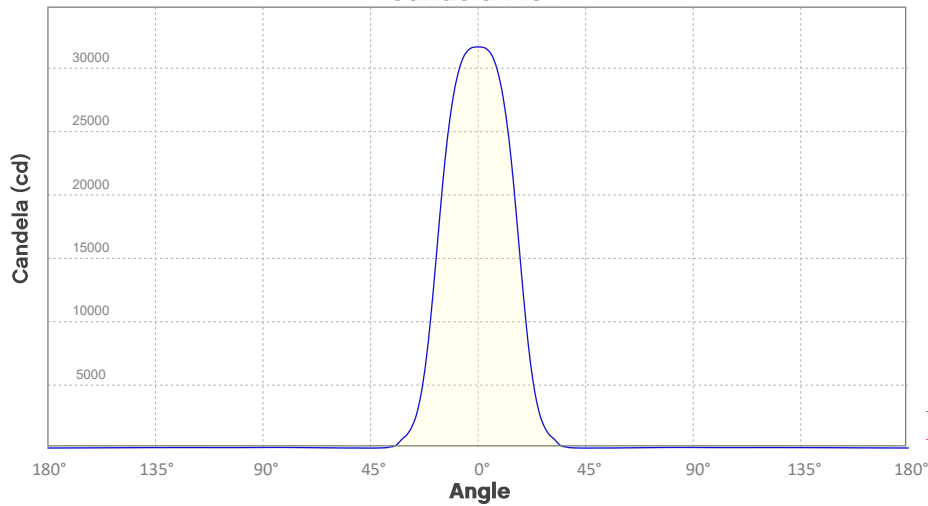


Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	31657	7914	3517	1979	1266	879	646	495	391	317
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	262	220	187	162	141	124	110	98	88	79
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2941	735	327	184	118	82	60	46	36	29
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	24	20	17	15	13	11	10	9	8	7

Photometric Report

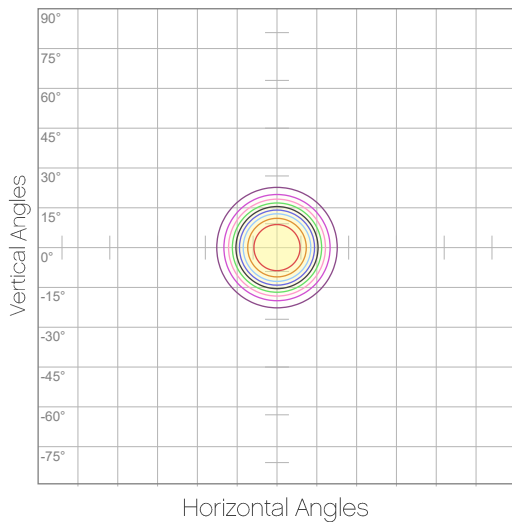
Rogue R2X VW: Full Flood, Full Power
Candela Plot



Beam Angle (50%): 34.4°
Field Angle (10%): 50.4°
Cutoff Angle (3%): 63°

— Horizontal Distribution
— Vertical Distribution

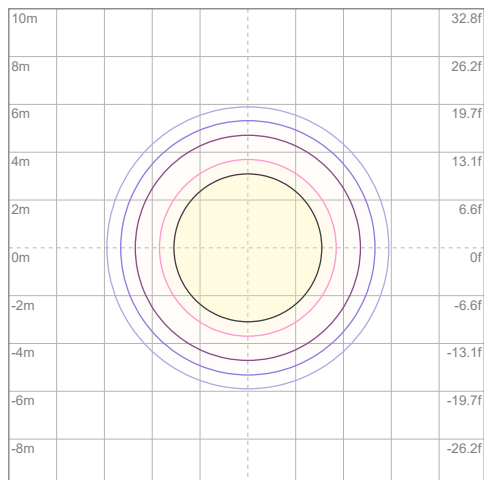
Polar Diagrams



iso-candela Diagram

10%	3166 cd
20%	6331 cd
30%	9497 cd
40%	12663 cd
50%	15829 cd
60%	18994 cd
70%	22160 cd
80%	25326 cd
90%	28492 cd

Conditions:
Number of c-planes: 2
Candela at center: 31657 cd



iso-illuminance Diagram

3%	9.50 lx
5%	15.8 lx
10%	31.7 lx
30%	95.0 lx
50%	158 lx

Conditions:
Number of c-planes: 2
Lux at center: 317 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: Full Flood, Cool white Only

Report Summary

Output

Total Lumens: 8518 lm
Peak Intensity: 24738 cd
Illuminance @ 5m: 990 lux
Fixture Efficacy: 36 lm/W

Optical

Horizontal Beam Angle (50%): 34.3°
Vertical Beam Angle (50%): 34.3°
Horizontal Field Angle (10%): 50.3°
Vertical Field Angle (10%): 50.3°
Horizontal Cutoff Angle (3%): 62.9°
Vertical Cutoff Angle (3%): 62.9°



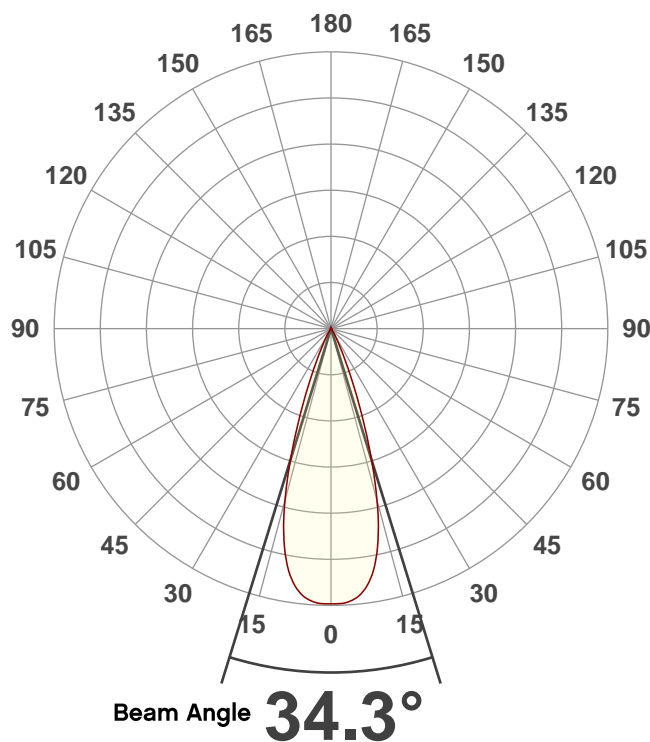
Conditions

AC Supply: 118 V, 60 Hz
Power: 239.77 W
Current: 2.04 A
Power Factor: 0.99

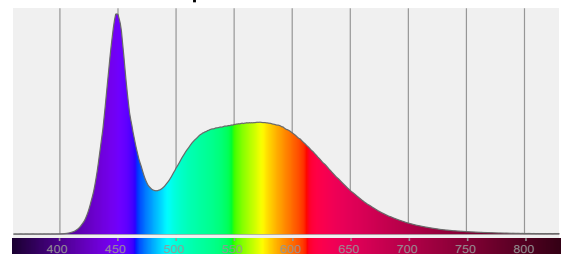
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Overall Measurement

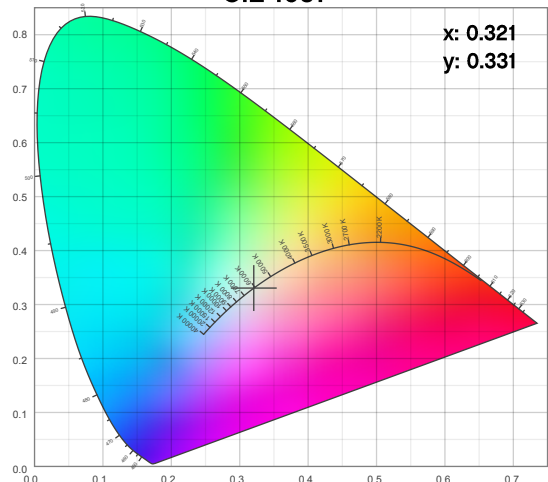
Angular Beam Distribution



Spectral Distribution



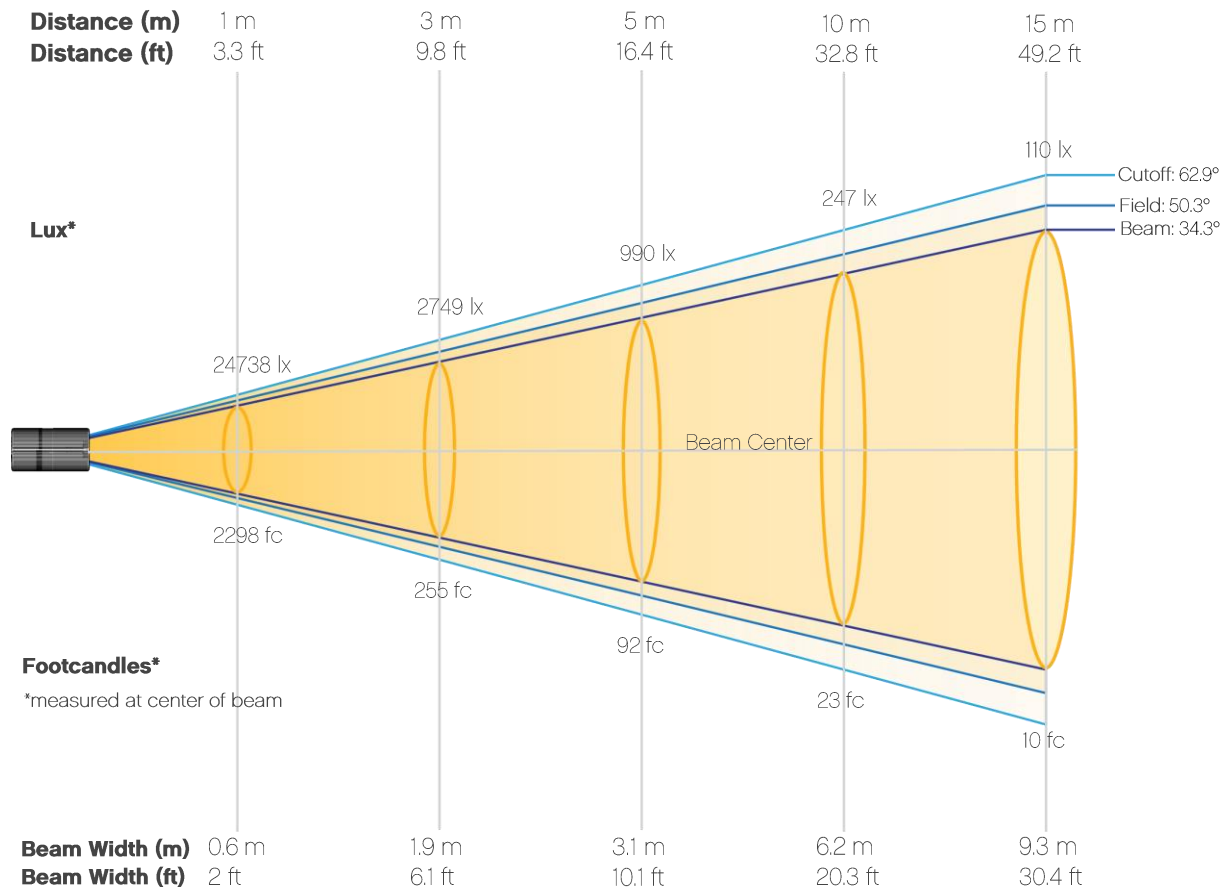
CIE 1931



Photometric Report

Rogue R2X VW: Full Flood, Cool white Only

Beam Details



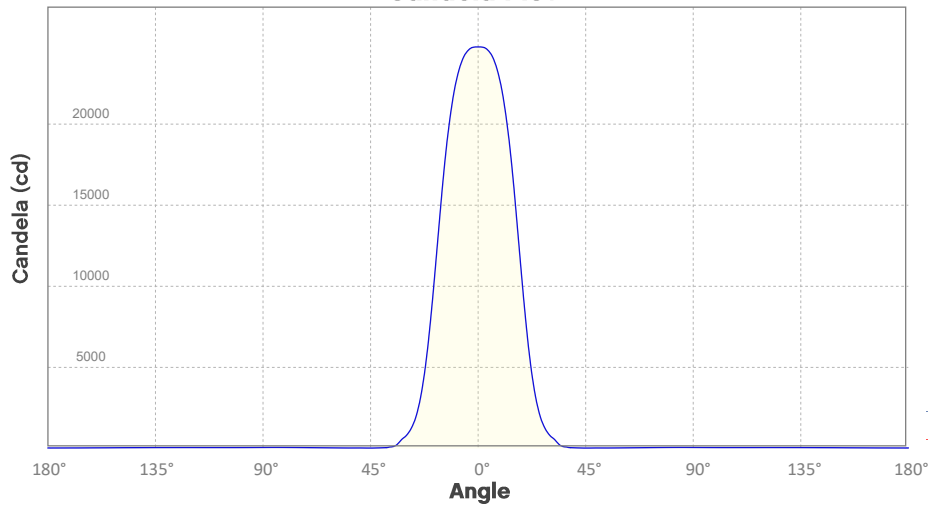
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	24738	6185	2749	1546	990	687	505	387	305	247
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	204	172	146	126	110	97	86	76	69	62
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2298	575	255	144	92	64	47	36	28	23
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	19	16	14	12	10	9	8	7	6	6

Photometric Report

Rogue R2X VW: Full Flood, Cool white Only

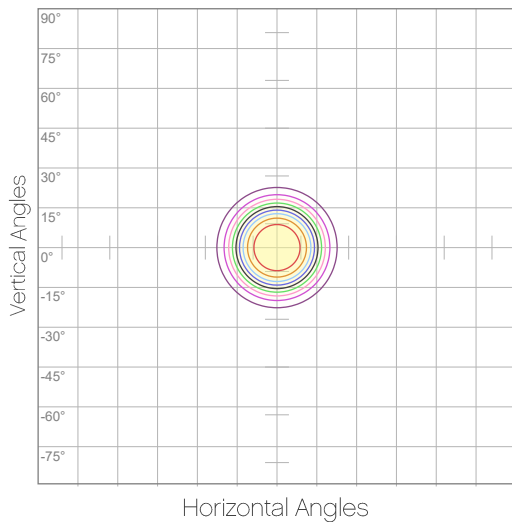
Candela Plot



Beam Angle (50%): 34.3°
Field Angle (10%): 50.3°
Cutoff Angle (3%): 62.9°

— Horizontal Distribution
— Vertical Distribution

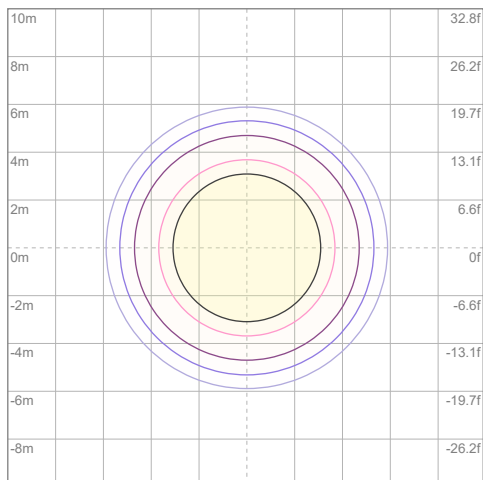
Polar Diagrams



iso-candela Diagram

10%	2474 cd
20%	4948 cd
30%	7422 cd
40%	9895 cd
50%	12369 cd
60%	14843 cd
70%	17317 cd
80%	19791 cd
90%	22265 cd

Conditions:
Number of c-planes: 2
Candela at center: 24738 cd



iso-illuminance Diagram

3%	7.42 lx
5%	12.4 lx
10%	24.7 lx
30%	74.2 lx
50%	124 lx

Conditions:
Number of c-planes: 2
Lux at center: 247 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: Full Flood, Warm white Only

Report Summary

Output

Total Lumens: 7645 lm
Peak Intensity: 22177 cd
Illuminance @ 5m: 887 lux
Fixture Efficacy: 32 lm/W

Optical

Horizontal Beam Angle (50%): 34.4°
Vertical Beam Angle (50%): 34.4°
Horizontal Field Angle (10%): 50.5°
Vertical Field Angle (10%): 50.5°
Horizontal Cutoff Angle (3%): 63°
Vertical Cutoff Angle (3%): 63°



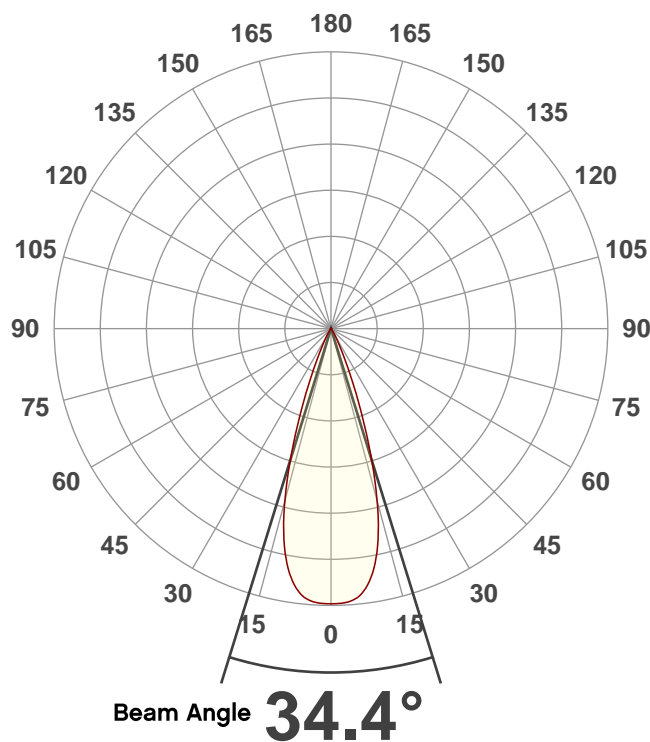
Conditions

AC Supply: 118 V, 60 Hz
Power: 239.38 W
Current: 2.03 A
Power Factor: 0.99

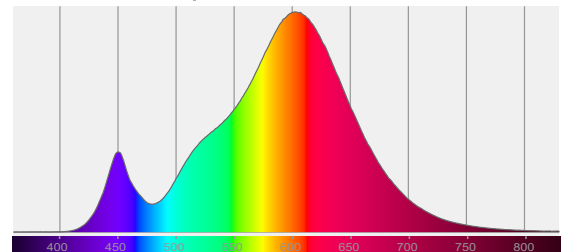
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Overall Measurement

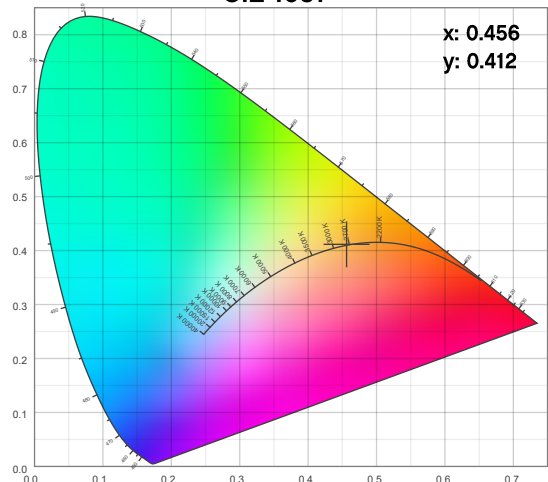
Angular Beam Distribution



Spectral Distribution



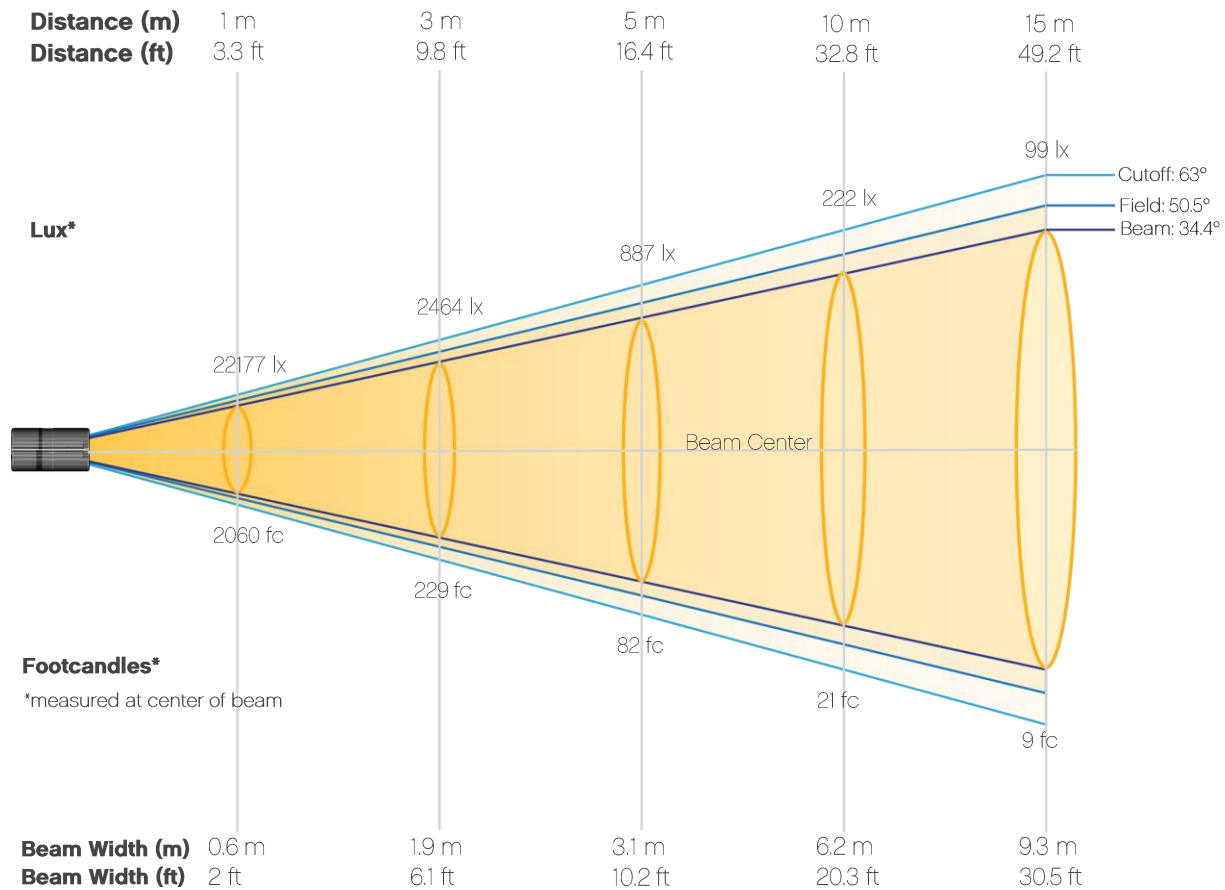
CIE 1931



Photometric Report

Rogue R2X VW: Full Flood, Warm white Only

Beam Details



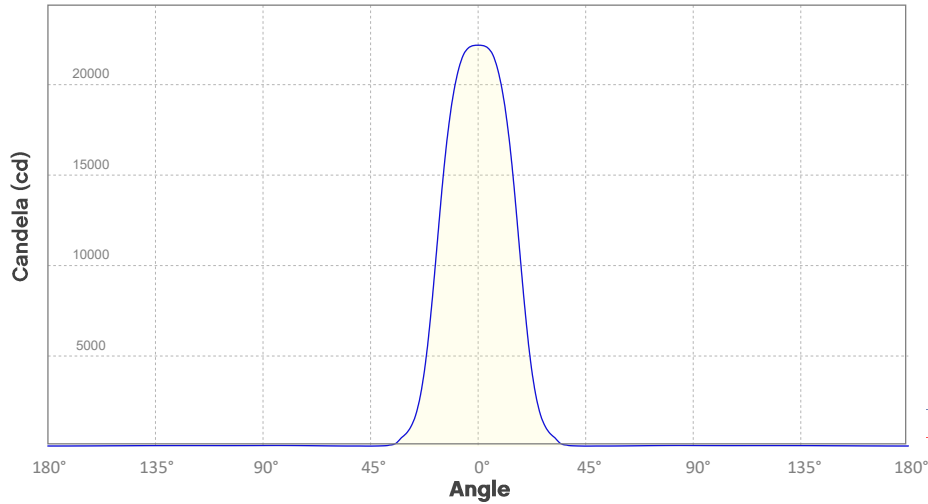
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	22177	5544	2464	1386	887	616	453	347	274	222
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	183	154	131	113	99	87	77	68	61	55
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2060	515	229	129	82	57	42	32	25	21
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	17	14	12	11	9	8	7	6	6	5

Photometric Report

Rogue R2X VW: Full Flood, Warm white Only

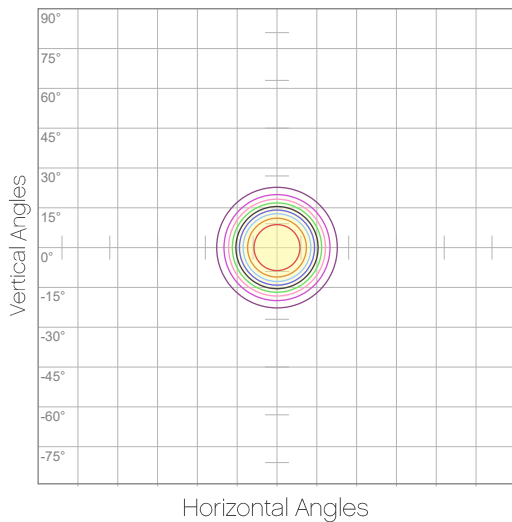
Candela Plot



Beam Angle (50%): 34.4°
Field Angle (10%): 50.5°
Cutoff Angle (3%): 63°

— Horizontal Distribution
— Vertical Distribution

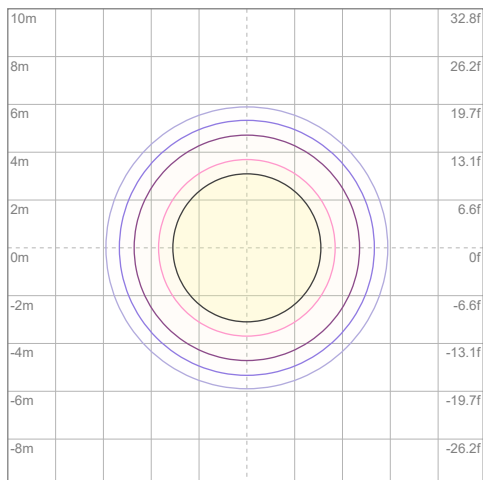
Polar Diagrams



iso-candela Diagram

10%	2218 cd
20%	4435 cd
30%	6653 cd
40%	8871 cd
50%	11088 cd
60%	13306 cd
70%	15524 cd
80%	17741 cd
90%	19959 cd

Conditions:
Number of c-planes: 2
Candela at center: 22177 cd



iso-illuminance Diagram

3%	6.65 lx
5%	11.1 lx
10%	22.2 lx
30%	66.5 lx
50%	111 lx

Conditions:
Number of c-planes: 2
Lux at center: 222 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 10750 lm
Peak Intensity: 105964 cd
Illuminance @ 5m: 4239 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.6°
Vertical Cutoff Angle (3%): 28.6°



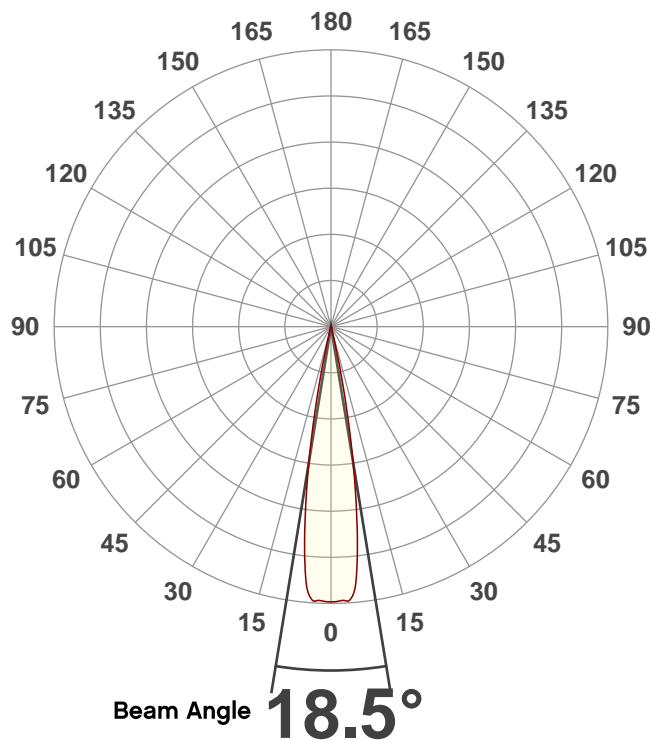
Conditions

AC Supply: 118 V, 60 Hz
Power: 327.12 W
Current: 2.78 A
Power Factor: 0.99

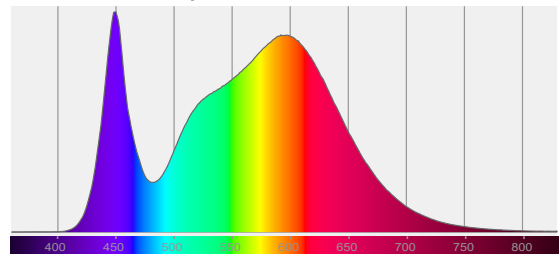
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Overall Measurement

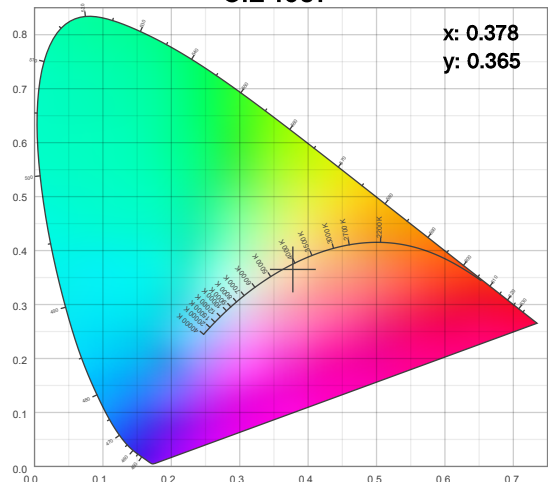
Angular Beam Distribution



Spectral Distribution



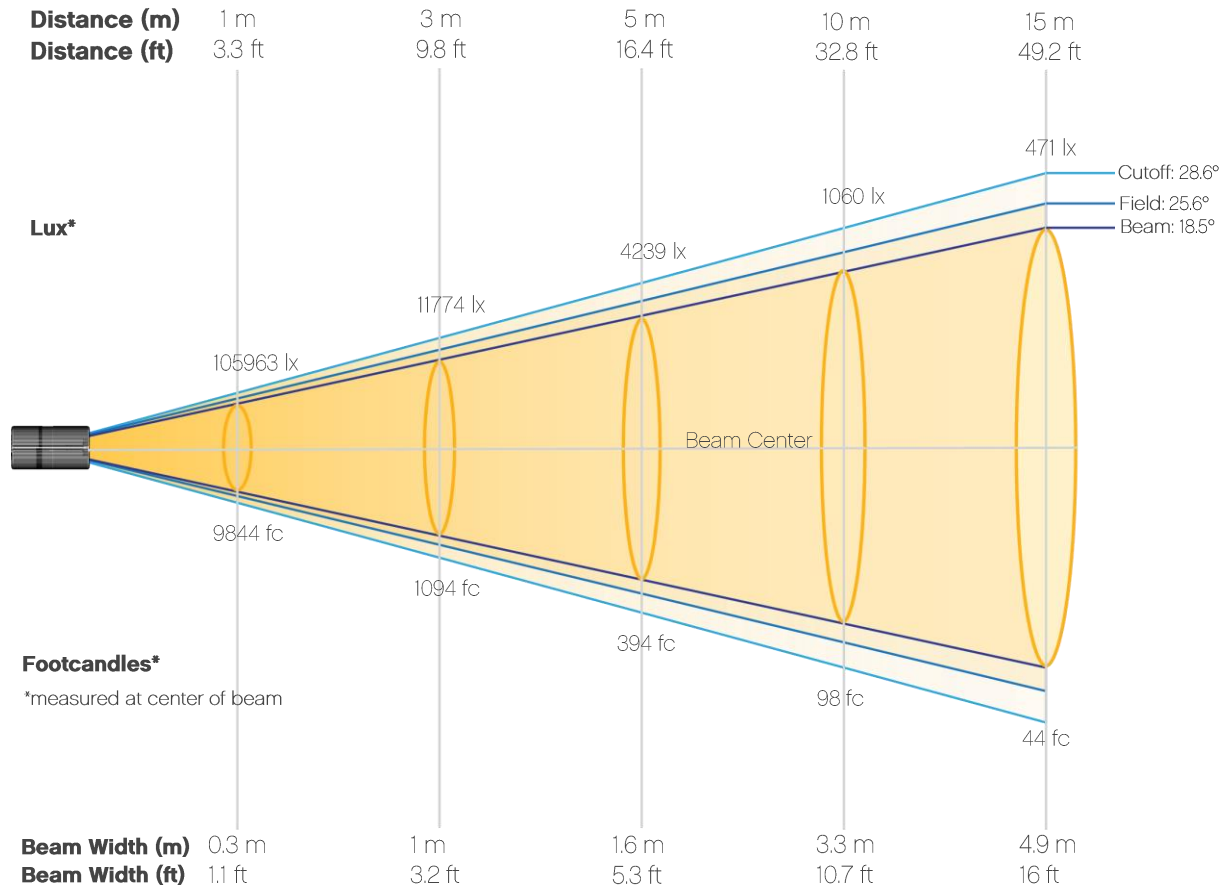
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, Full Power

Beam Details

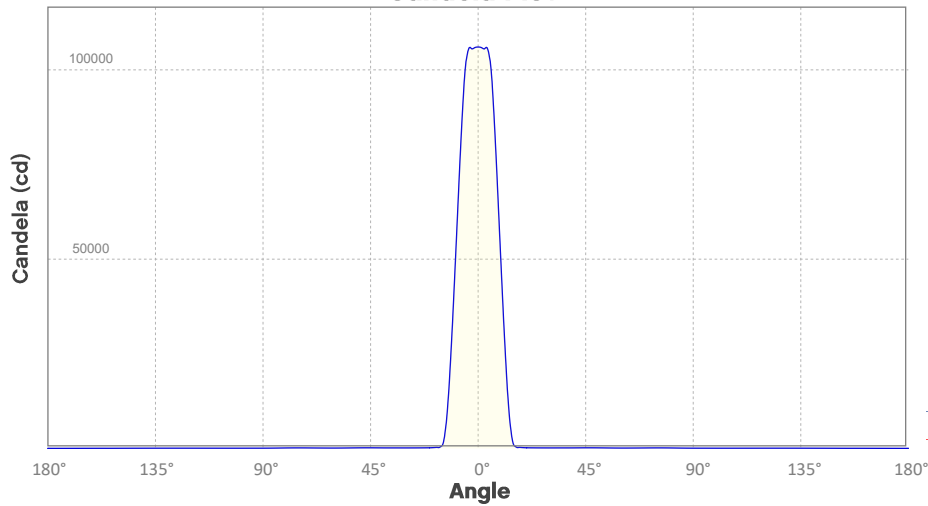


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	105963	26491	11774	6623	4239	2943	2163	1656	1308	1060
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	876	736	627	541	471	414	367	327	294	265
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9844	2461	1094	615	394	273	201	154	122	98
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	81	68	58	50	44	38	34	30	27	25

Photometric Report

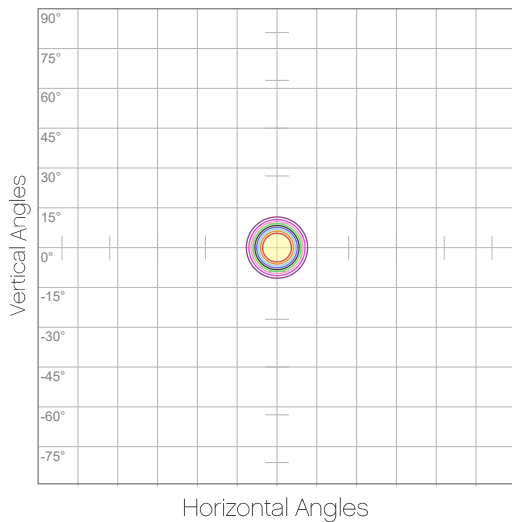
Rogue R2X VW: 50% Zoom, Full Power
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.6°

— Horizontal Distribution
— Vertical Distribution

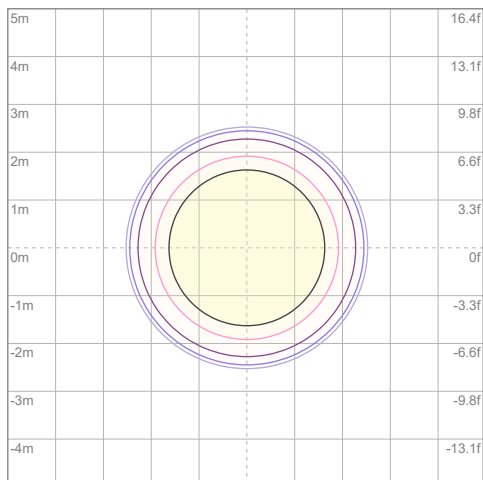
Polar Diagrams



iso-candela Diagram

10%	10596 cd
20%	21193 cd
30%	31789 cd
40%	42385 cd
50%	52982 cd
60%	63578 cd
70%	74174 cd
80%	84771 cd
90%	95367 cd

Conditions:
Number of c-planes: 2
Candela at center: 105963 cd



iso-illuminance Diagram

3%	31.8 lx
5%	53.0 lx
10%	106 lx
30%	318 lx
50%	530 lx

Conditions:
Number of c-planes: 2
Lux at center: 1060 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, Cool white Only

Report Summary

Output

Total Lumens: 8449 lm
Peak Intensity: 83792 cd
Illuminance @ 5m: 3352 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.4°
Vertical Beam Angle (50%): 18.4°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



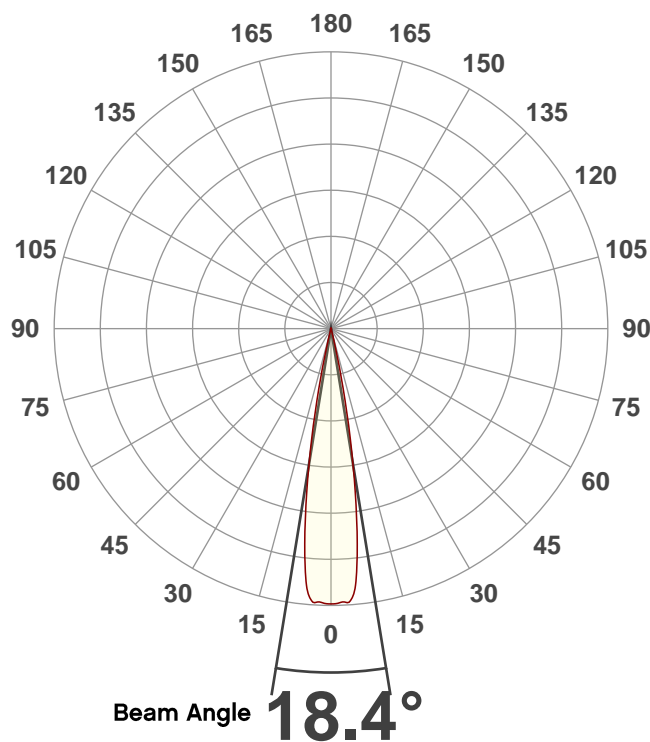
Conditions

AC Supply: 118 V, 60 Hz
Power: 241.0 W
Current: 2.04 A
Power Factor: 0.99

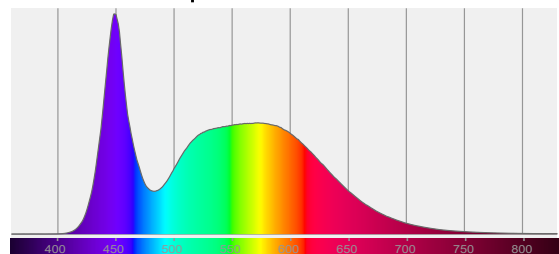
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Overall Measurement

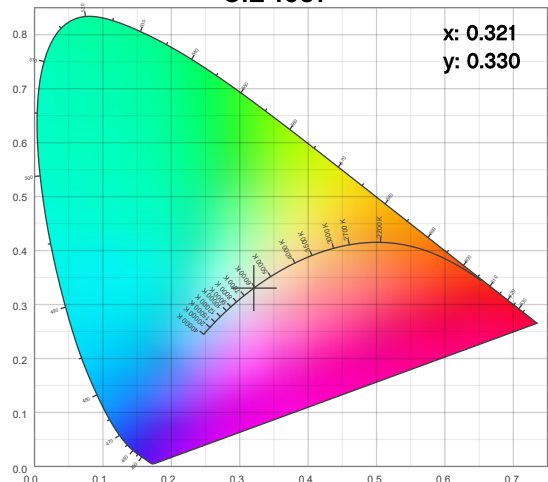
Angular Beam Distribution



Spectral Distribution



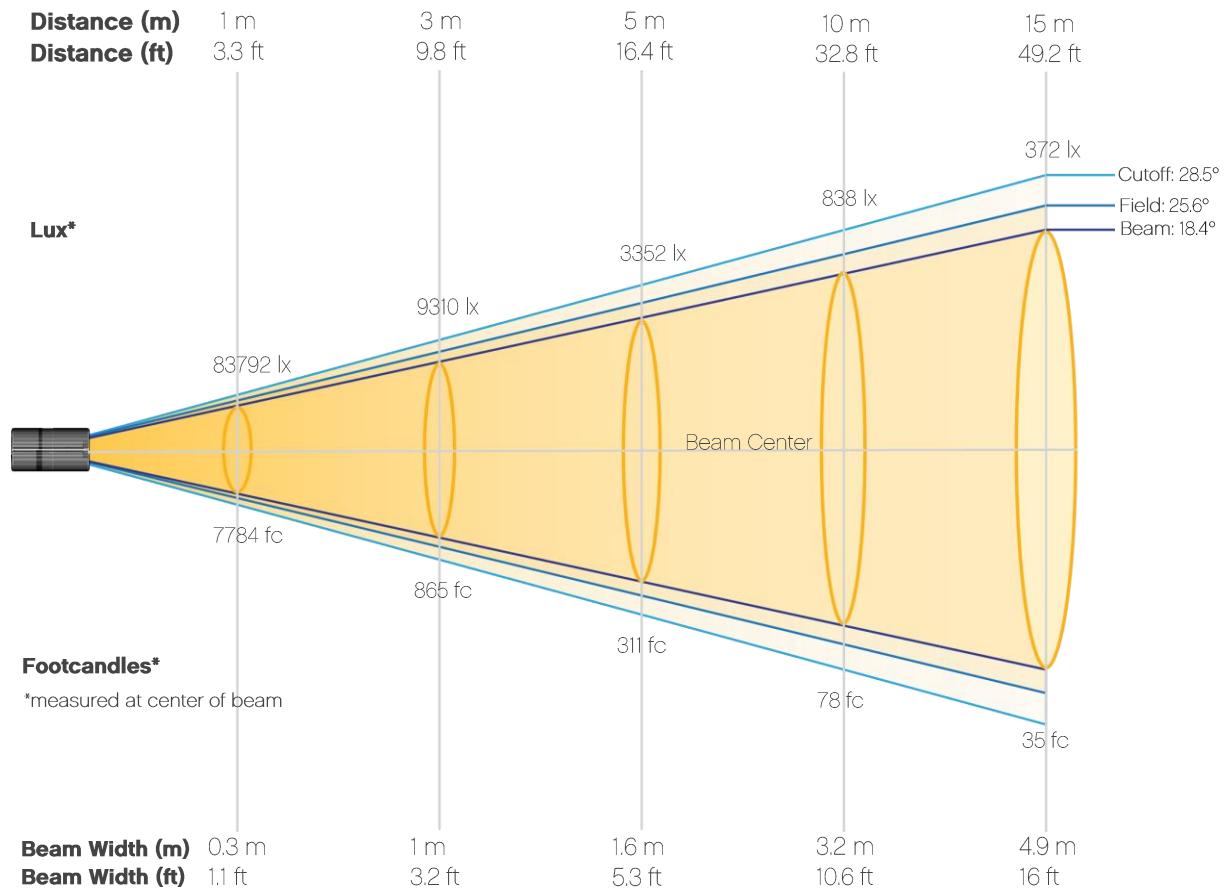
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, Cool white Only

Beam Details



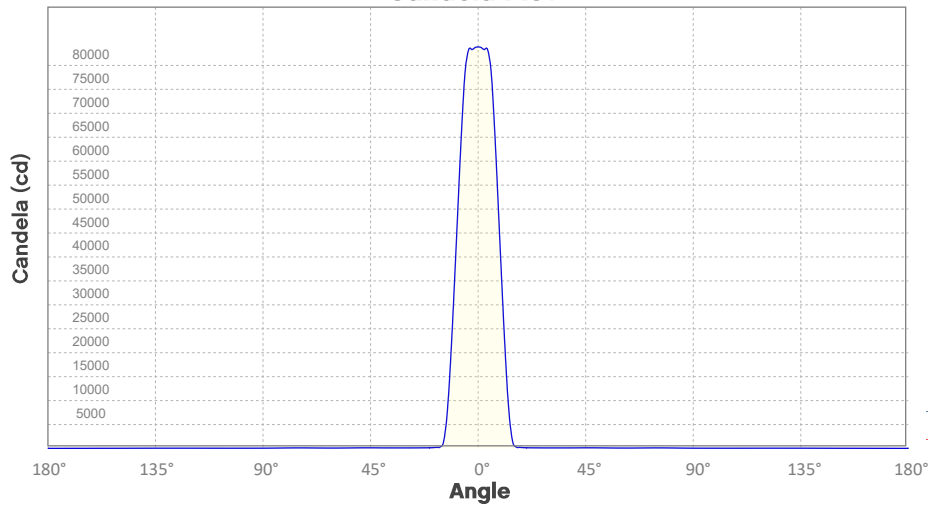
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	83792	20948	9310	5237	3352	2328	1710	1309	1034	838
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	692	582	496	428	372	327	290	259	232	209
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7784	1946	865	487	311	216	159	122	96	78
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	64	54	46	40	35	30	27	24	22	19

Photometric Report

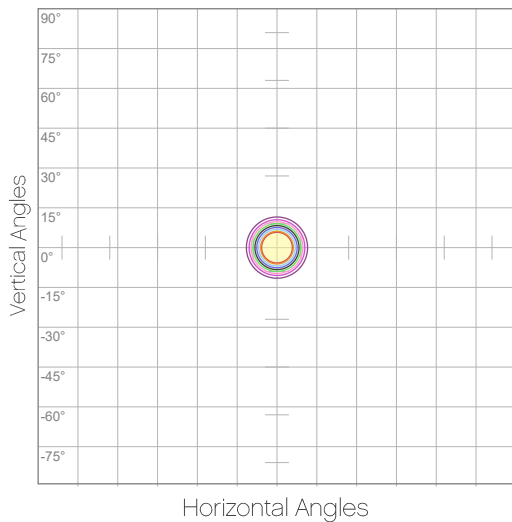
Rogue R2X VW: 50% Zoom, Cool white Only

Candela Plot



Beam Angle (50%): 18.4°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.5°

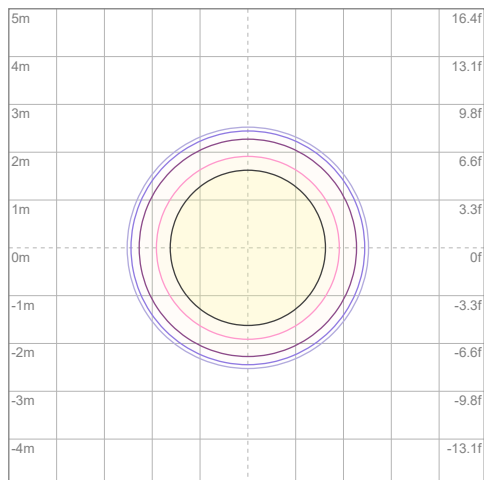
Polar Diagrams



iso-candela Diagram

10%	8379 cd
20%	16758 cd
30%	25137 cd
40%	33517 cd
50%	41896 cd
60%	50275 cd
70%	58654 cd
80%	67033 cd
90%	75412 cd

Conditions:
Number of c-planes: 2
Candela at center: 83792 cd



iso-illuminance Diagram

3%	25.1 lx
5%	41.9 lx
10%	83.8 lx
30%	251 lx
50%	419 lx

Conditions:
Number of c-planes: 2
Lux at center: 838 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, Warm white Only

Report Summary

Output

Total Lumens: 7629 lm
Peak Intensity: 75056 cd
Illuminance @ 5m: 3002 lux
Fixture Efficacy: 32 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



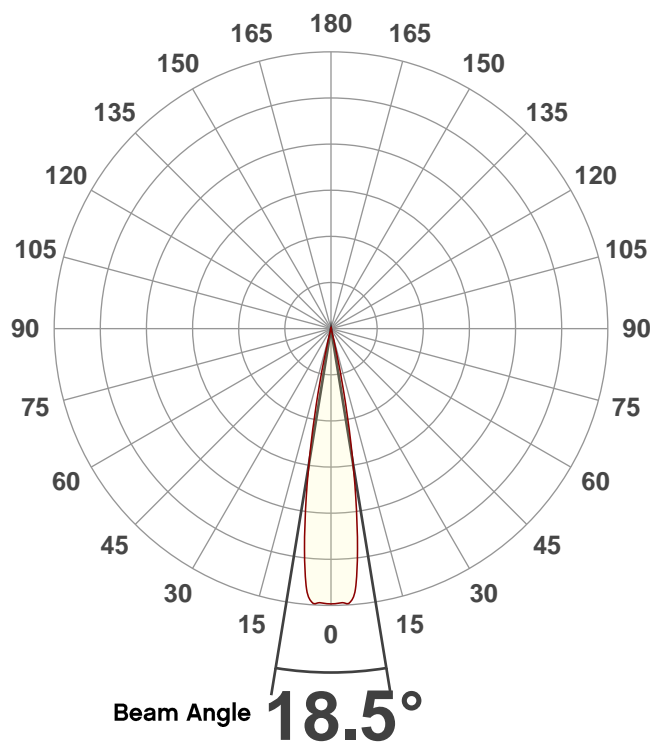
Conditions

AC Supply: 118 V, 60 Hz
Power: 241.96 W
Current: 2.05 A
Power Factor: 0.99

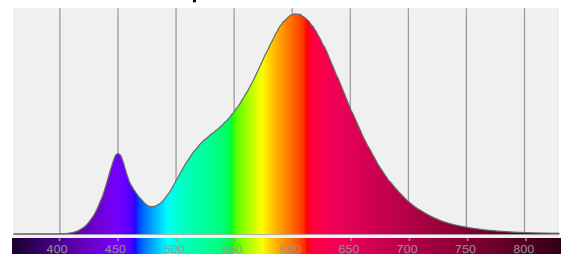
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Overall Measurement

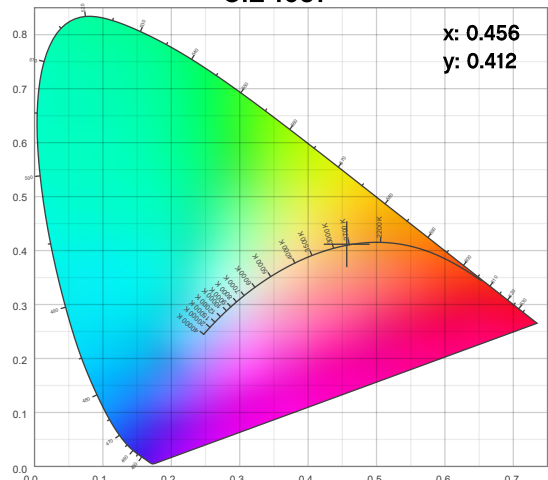
Angular Beam Distribution



Spectral Distribution



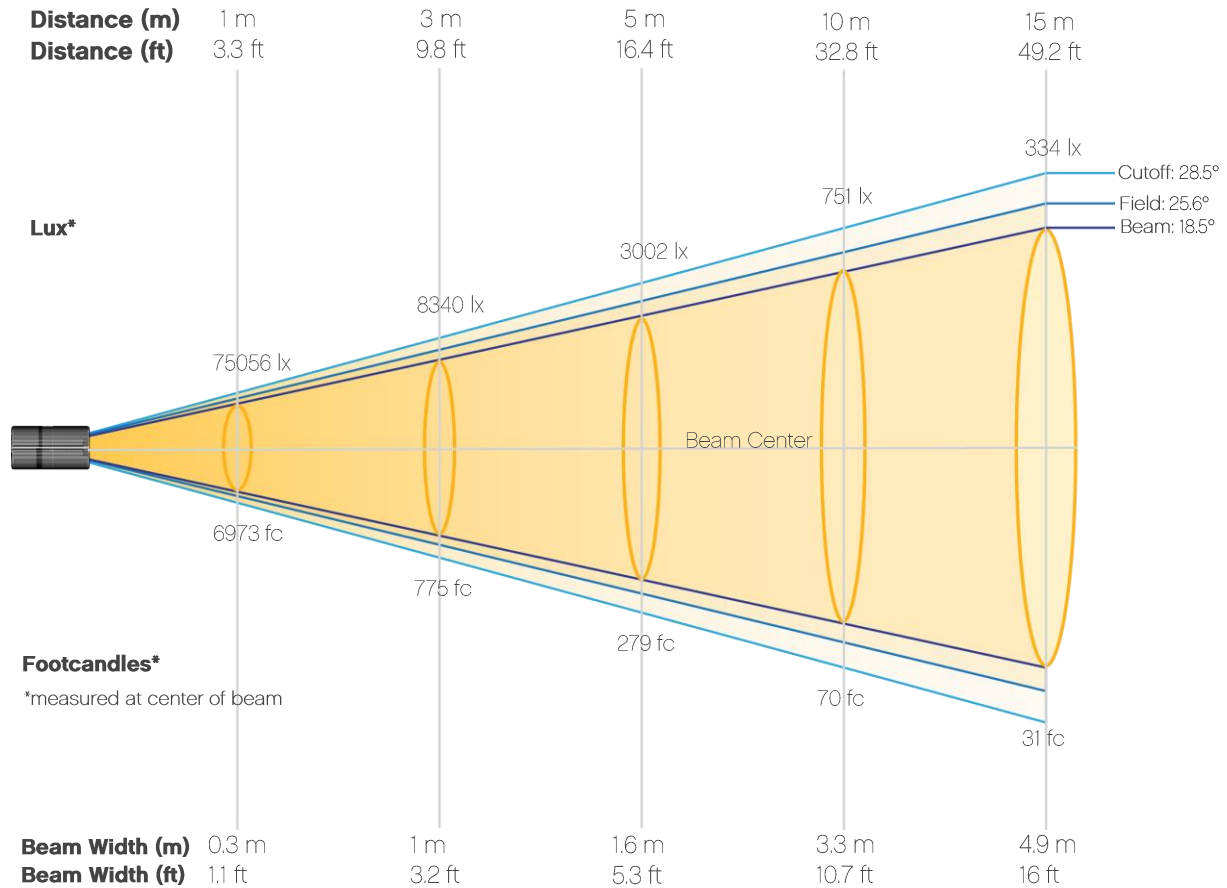
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, Warm white Only

Beam Details



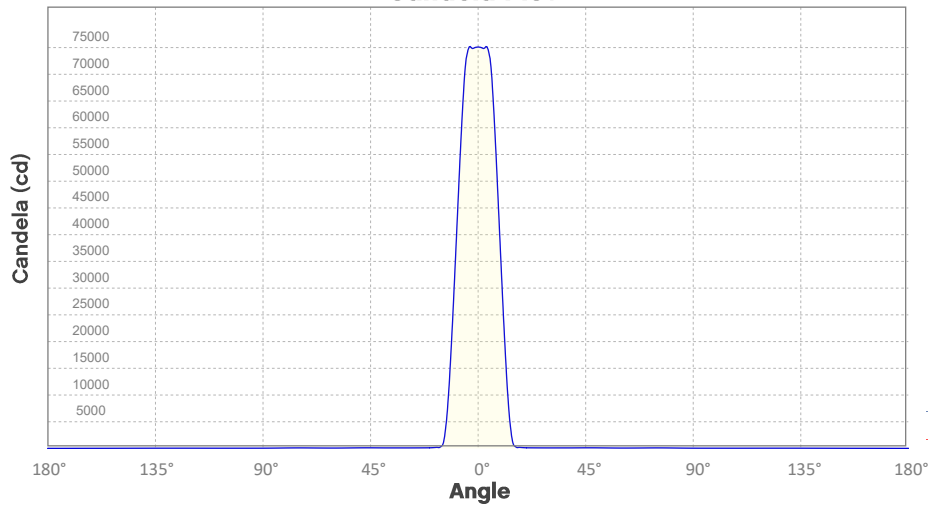
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	75056	18764	8340	4691	3002	2085	1532	1173	927	751
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	620	521	444	383	334	293	260	232	208	188
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6973	1743	775	436	279	194	142	109	86	70
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	58	48	41	36	31	27	24	22	19	17

Photometric Report

Rogue R2X VW: 50% Zoom, Warm white Only

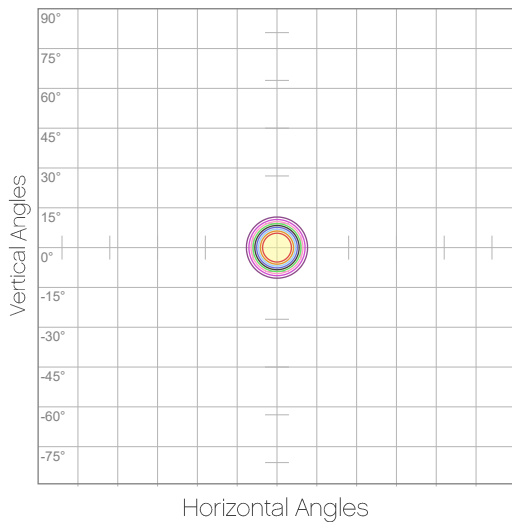
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.5°

— Horizontal Distribution
— Vertical Distribution

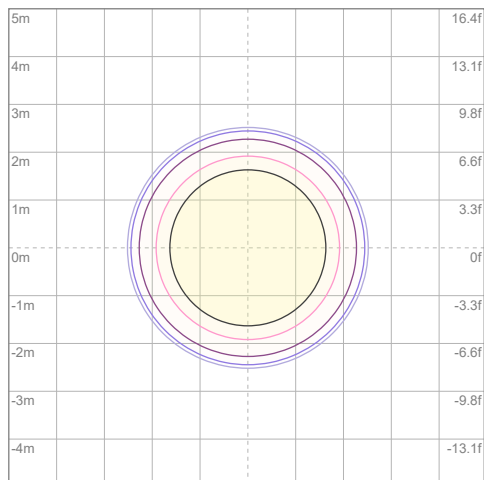
Polar Diagrams



iso-candela Diagram

10%	7506 cd
20%	15011 cd
30%	22517 cd
40%	30022 cd
50%	37528 cd
60%	45034 cd
70%	52539 cd
80%	60045 cd
90%	67551 cd

Conditions:
Number of c-planes: 2
Candela at center: 75056 cd



iso-illuminance Diagram

3%	22.5 lx
5%	37.5 lx
10%	75.1 lx
30%	225 lx
50%	375 lx

Conditions:
Number of c-planes: 2
Lux at center: 751 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 6000K

Report Summary

Output

Total Lumens: 5810 lm
Peak Intensity: 57128 cd
Illuminance @ 5m: 2285 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.6°
Vertical Beam Angle (50%): 18.6°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.8°
Vertical Cutoff Angle (3%): 28.8°



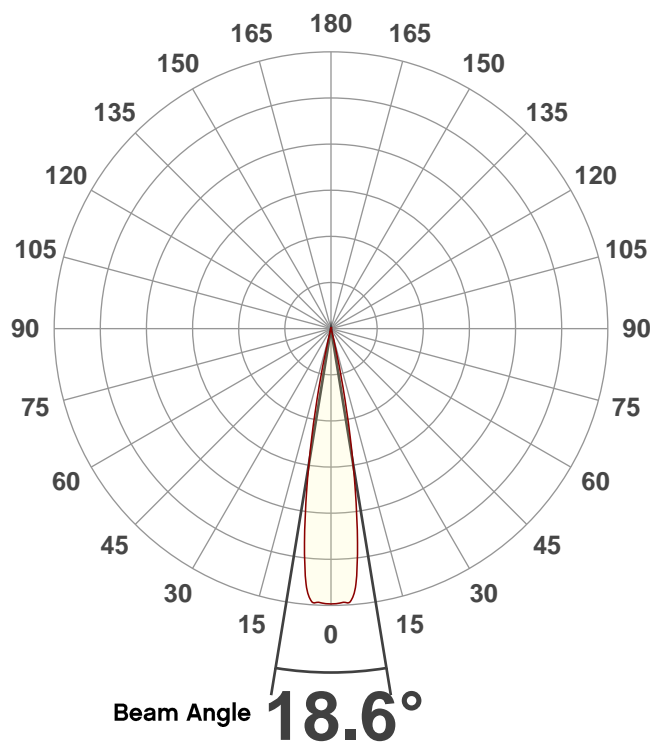
Conditions

AC Supply: 120 V, 60 Hz
Power: 167.12 W
Current: 1.39 A
Power Factor: 0.99

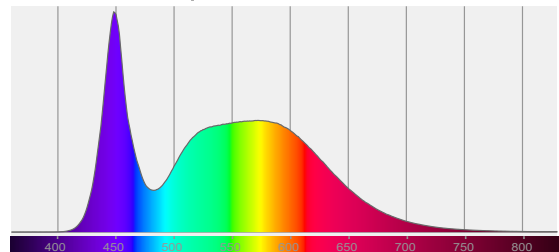
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Overall Measurement

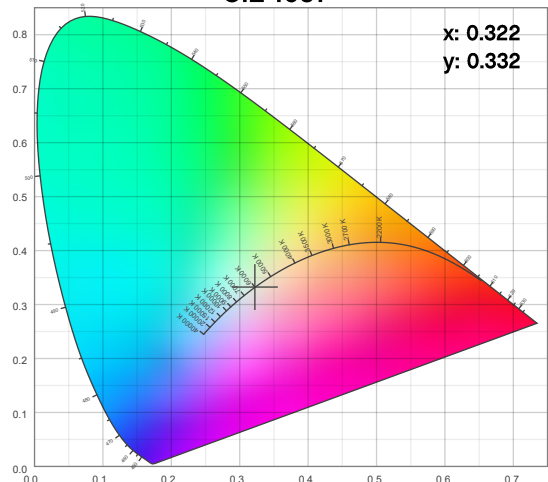
Angular Beam Distribution



Spectral Distribution



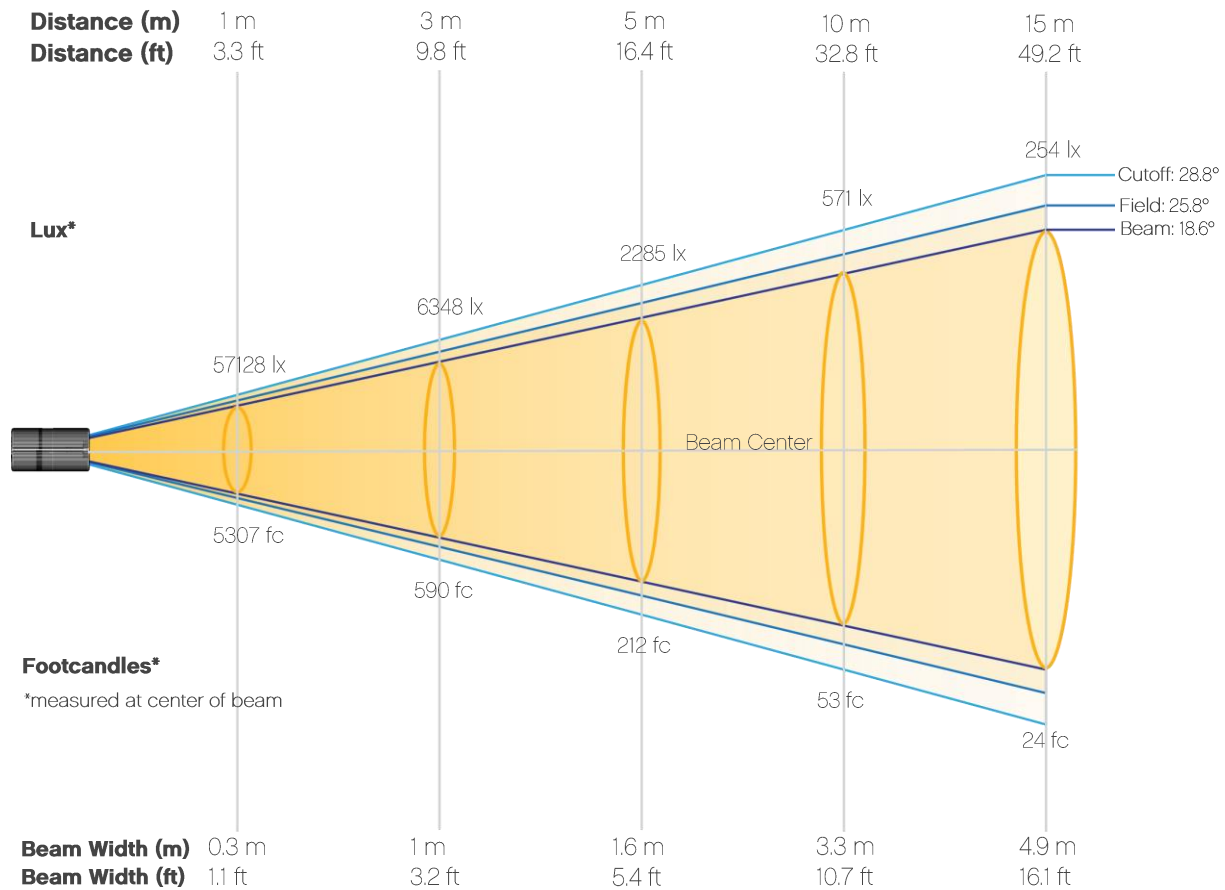
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 6000K

Beam Details



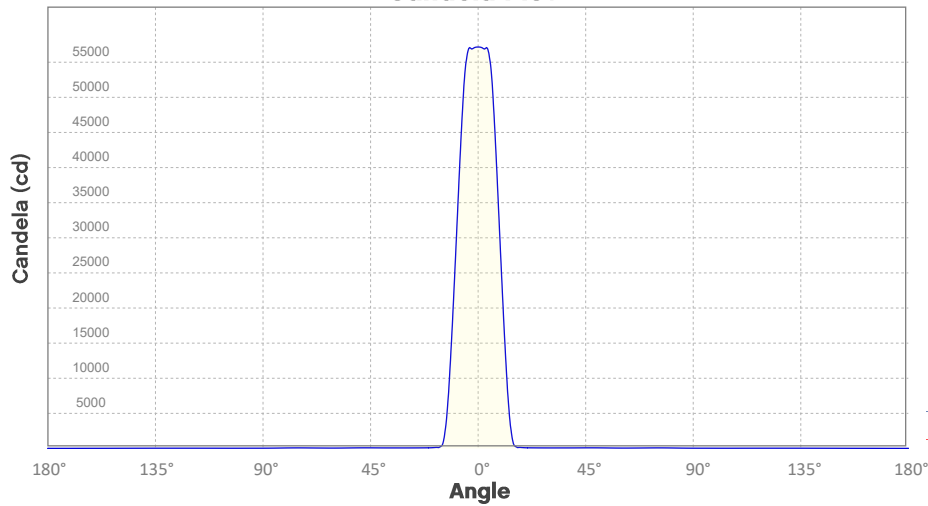
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	57128	14282	6348	3571	2285	1587	1166	893	705	571
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	472	397	338	291	254	223	198	176	158	143
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5307	1327	590	332	212	147	108	83	66	53
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	44	37	31	27	24	21	18	16	15	13

Photometric Report

Rogue R2X VW: 50% Zoom, 6000K

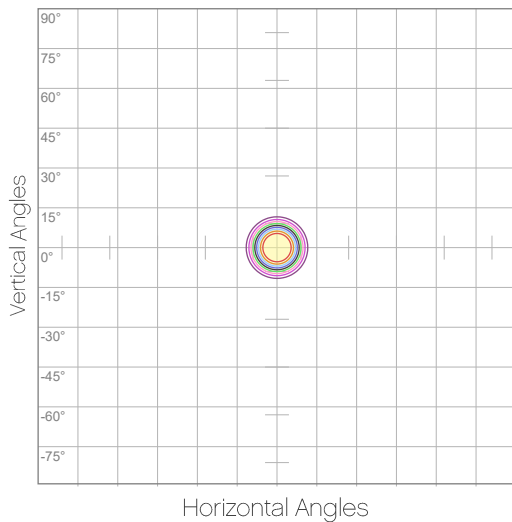
Candela Plot



Beam Angle (50%): 18.6°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.8°

— Horizontal Distribution
— Vertical Distribution

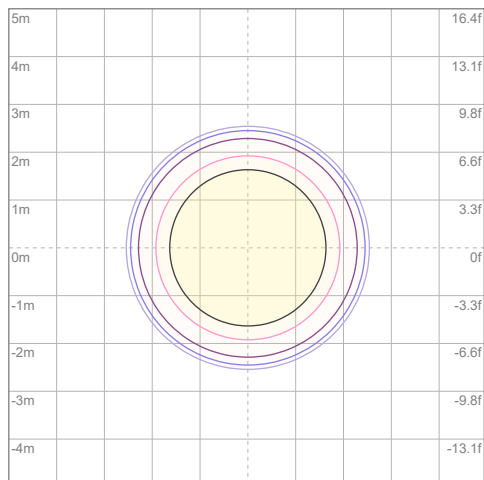
Polar Diagrams



iso-candela Diagram

10%	5713 cd
20%	11426 cd
30%	17139 cd
40%	22851 cd
50%	28564 cd
60%	34277 cd
70%	39990 cd
80%	45703 cd
90%	51416 cd

Conditions:
Number of c-planes: 2
Candela at center: 57128 cd



iso-illuminance Diagram

3%	17.1 lx
5%	28.6 lx
10%	57.1 lx
30%	171 lx
50%	286 lx

Conditions:
Number of c-planes: 2
Lux at center: 571 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 5800K

Report Summary

Output

Total Lumens: 6052 lm
Peak Intensity: 59438 cd
Illuminance @ 5m: 2378 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



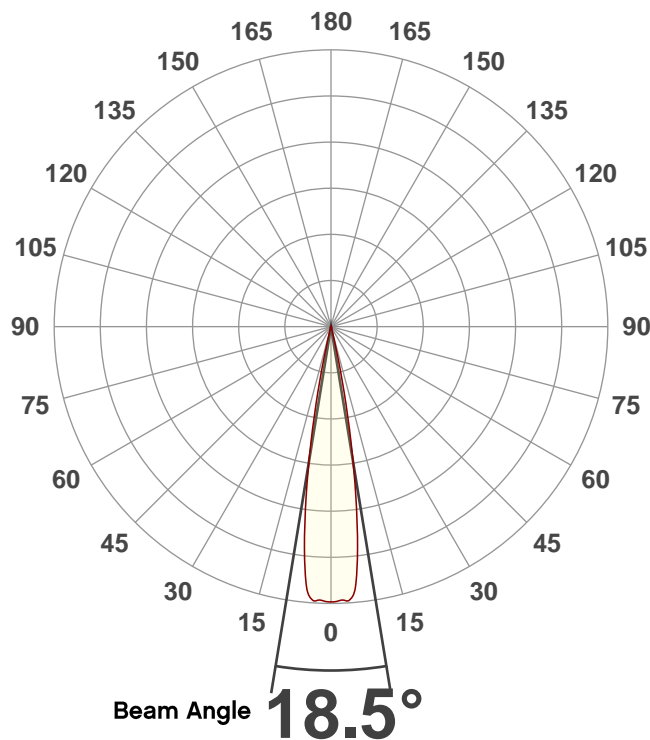
Conditions

AC Supply: 120 V, 60.1 Hz
Power: 173.2 W
Current: 1.45 A
Power Factor: 0.99

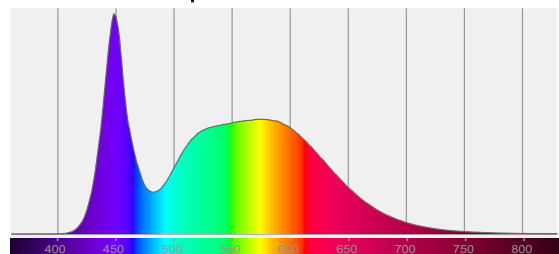
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Overall Measurement

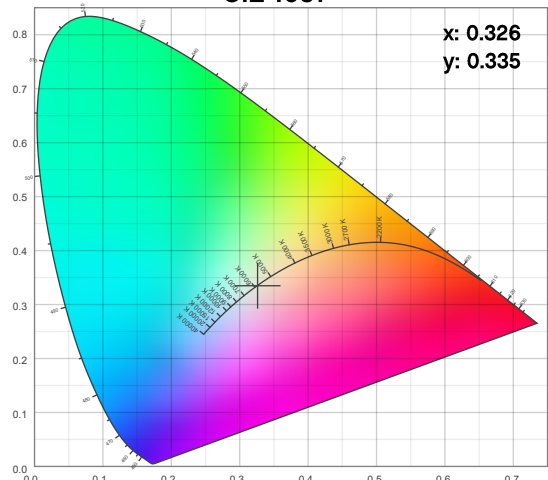
Angular Beam Distribution



Spectral Distribution



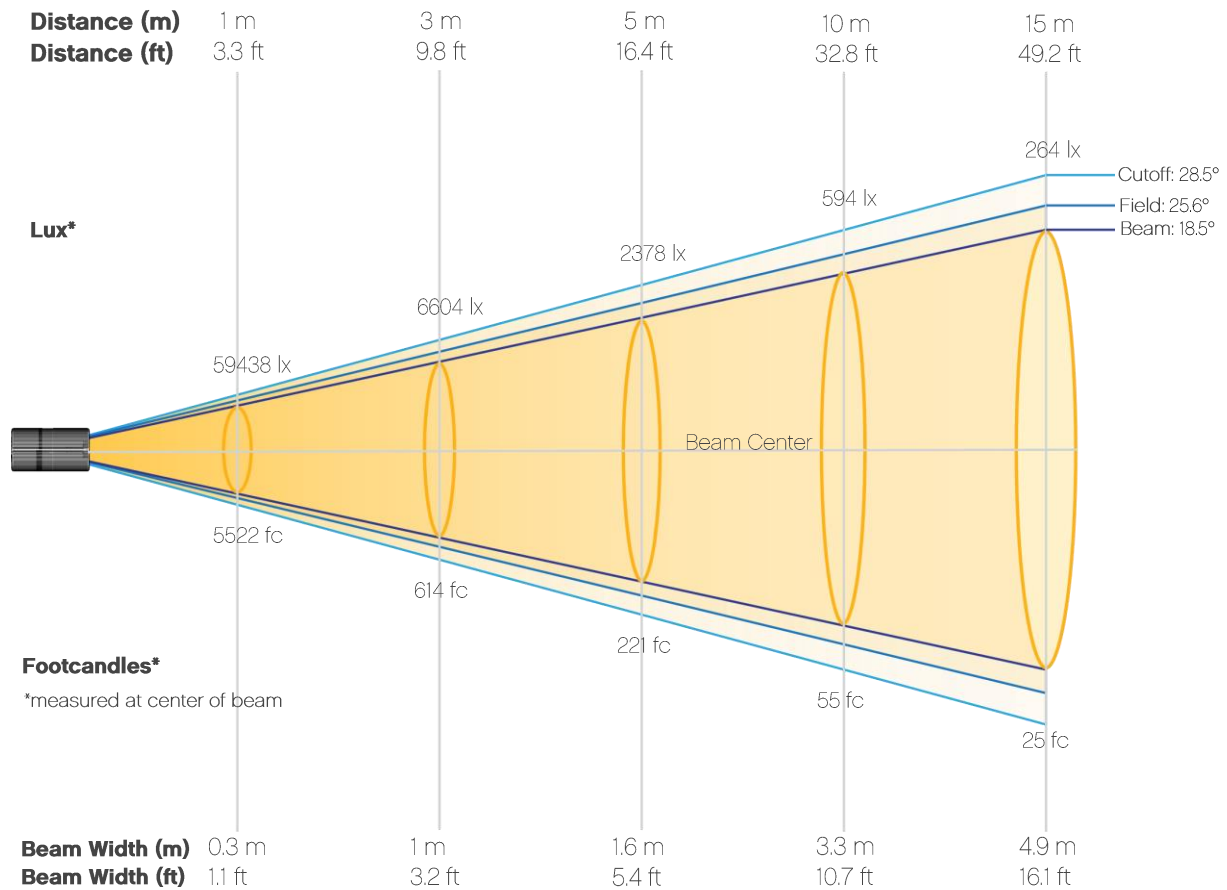
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 5800K

Beam Details



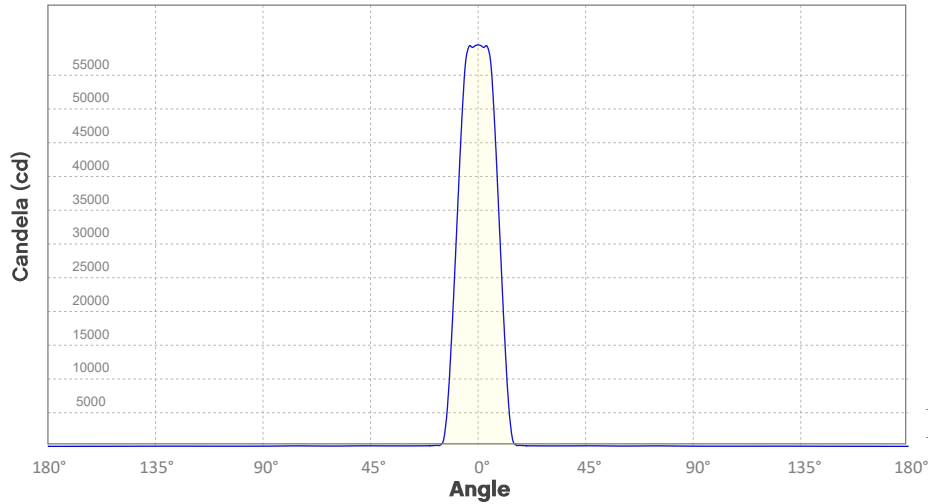
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	59438	14859	6604	3715	2378	1651	1213	929	734	594
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	491	413	352	303	264	232	206	183	165	149
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5522	1380	614	345	221	153	113	86	68	55
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	46	38	33	28	25	22	19	17	15	14

Photometric Report

Rogue R2X VW: 50% Zoom, 5800K

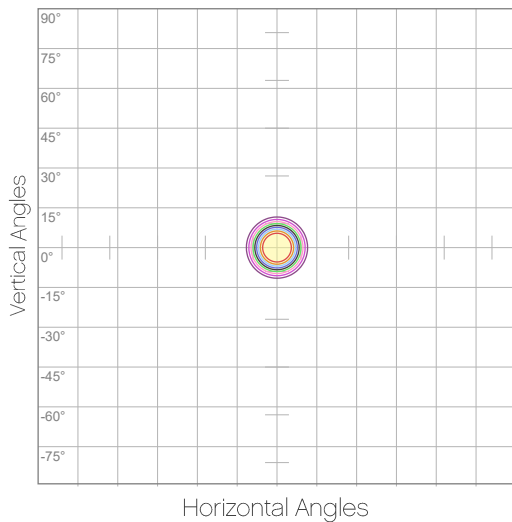
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.5°

— Horizontal Distribution
— Vertical Distribution

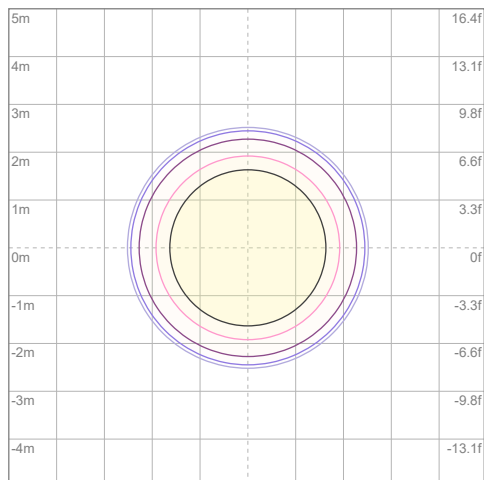
Polar Diagrams



iso-candela Diagram

10%	5944 cd
20%	11888 cd
30%	17831 cd
40%	23775 cd
50%	29719 cd
60%	35663 cd
70%	41606 cd
80%	47550 cd
90%	53494 cd

Conditions:
Number of c-planes: 2
Candela at center: 59438 cd



iso-illuminance Diagram

3%	17.8 lx
5%	29.7 lx
10%	59.4 lx
30%	178 lx
50%	297 lx

Conditions:
Number of c-planes: 2
Lux at center: 594 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 5600K

Report Summary

Output

Total Lumens: 6246 lm
Peak Intensity: 61546 cd
Illuminance @ 5m: 2462 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



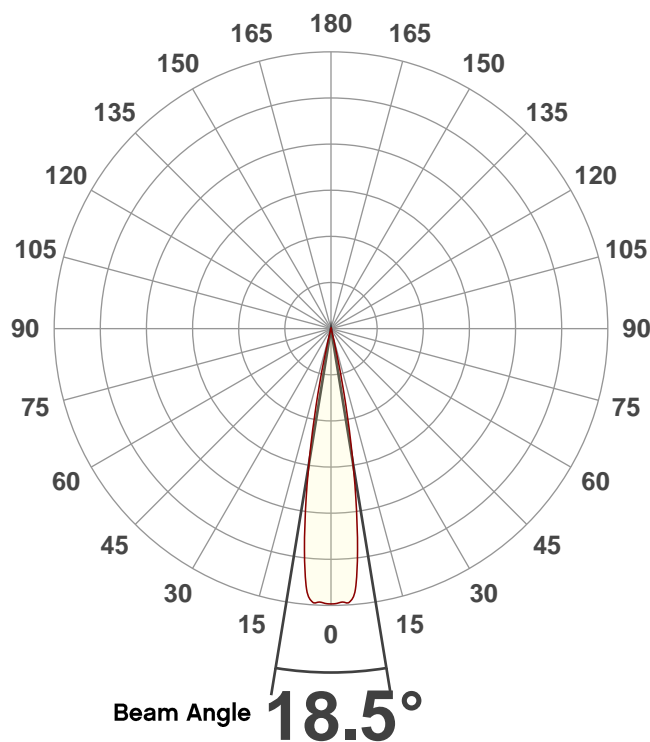
Conditions

AC Supply: 120 V, 60 Hz
Power: 179.52 W
Current: 1.50 A
Power Factor: 1.0

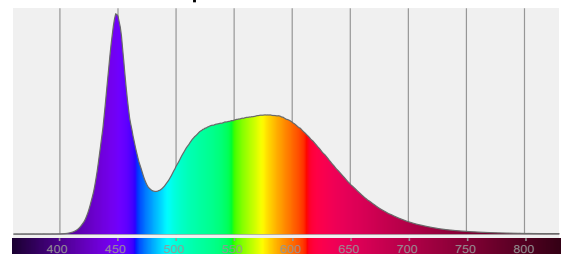
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Overall Measurement

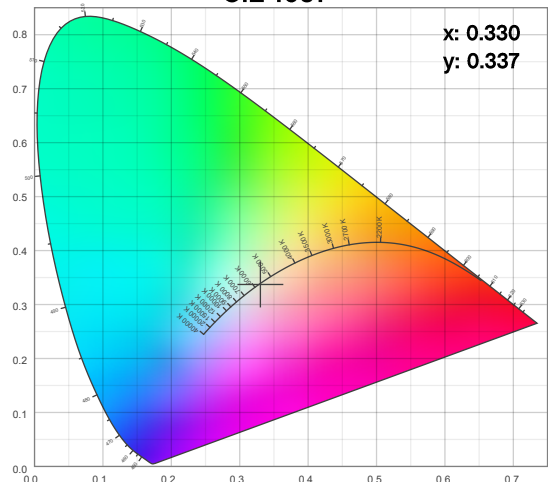
Angular Beam Distribution



Spectral Distribution



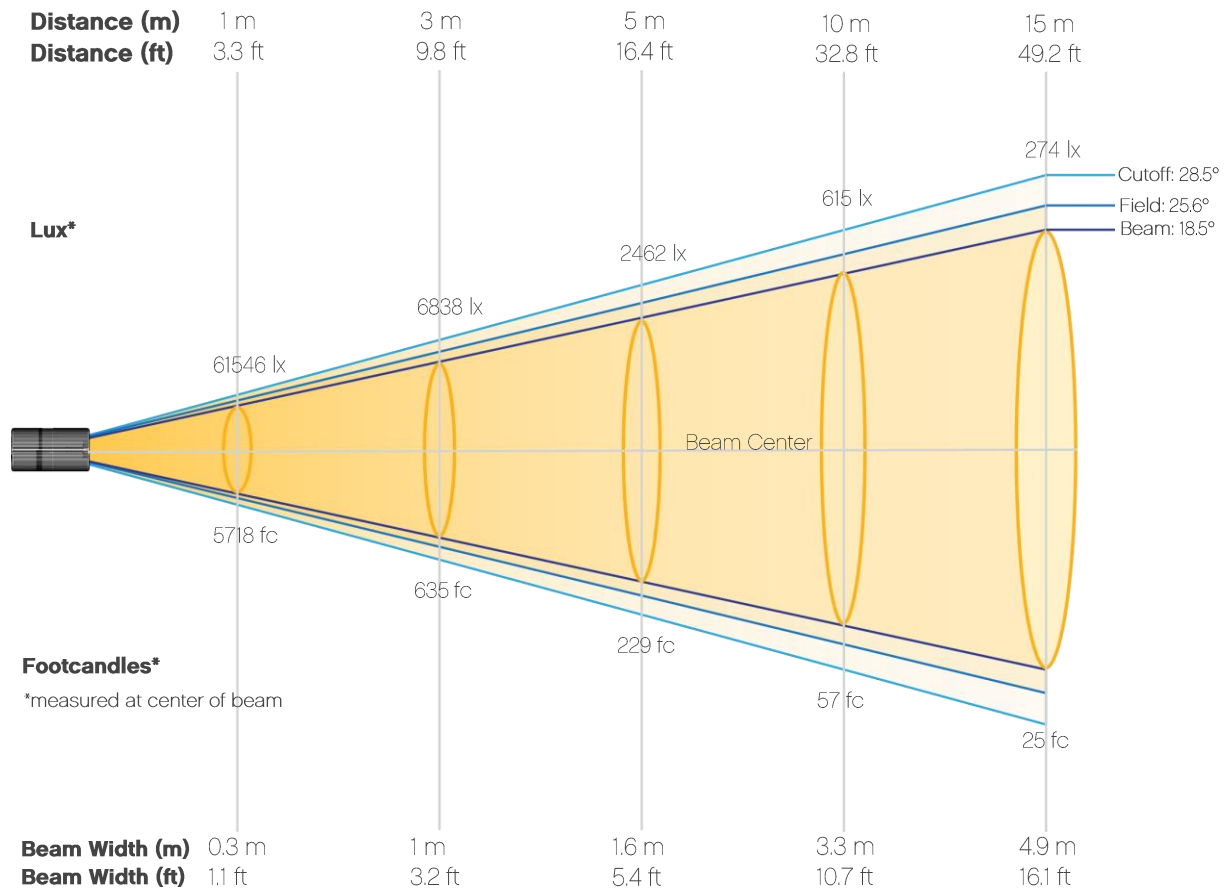
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 5600K

Beam Details



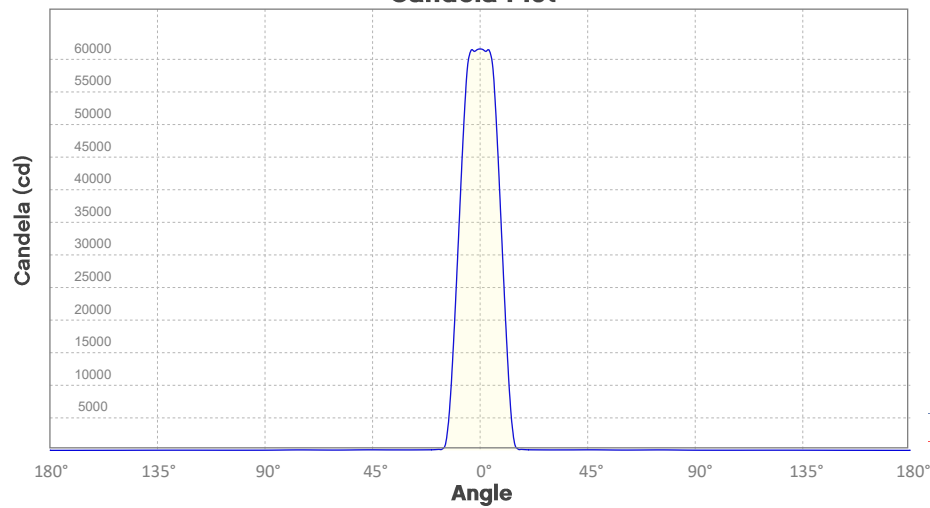
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	61546	15386	6838	3847	2462	1710	1256	962	760	615
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	509	427	364	314	274	240	213	190	170	154
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5718	1429	635	357	229	159	117	89	71	57
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	47	40	34	29	25	22	20	18	16	14

Photometric Report

Rogue R2X VW: 50% Zoom, 5600K

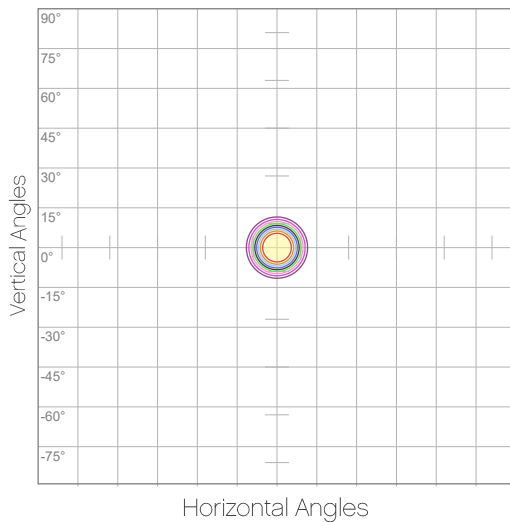
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.5°

— Horizontal Distribution
— Vertical Distribution

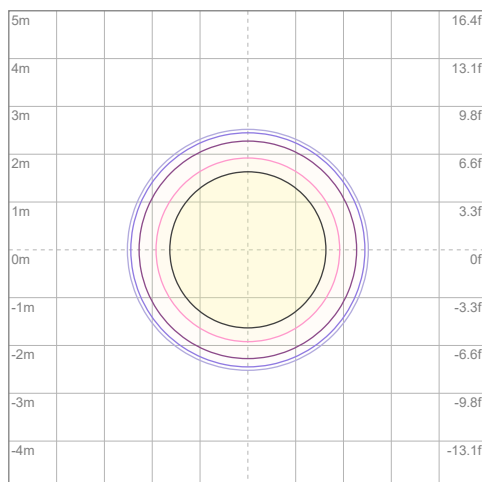
Polar Diagrams



iso-candela Diagram

10%	6155 cd
20%	12309 cd
30%	18464 cd
40%	24618 cd
50%	30773 cd
60%	36928 cd
70%	43082 cd
80%	49237 cd
90%	55391 cd

Conditions:
Number of c-planes: 2
Candela at center: 61546 cd



iso-illuminance Diagram

3%	18.5 lx
5%	30.8 lx
10%	61.5 lx
30%	185 lx
50%	308 lx

Conditions:
Number of c-planes: 2
Lux at center: 615 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 5400K

Report Summary

Output

Total Lumens: 6522 lm
Peak Intensity: 64207 cd
Illuminance @ 5m: 2568 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.4°
Vertical Cutoff Angle (3%): 28.4°



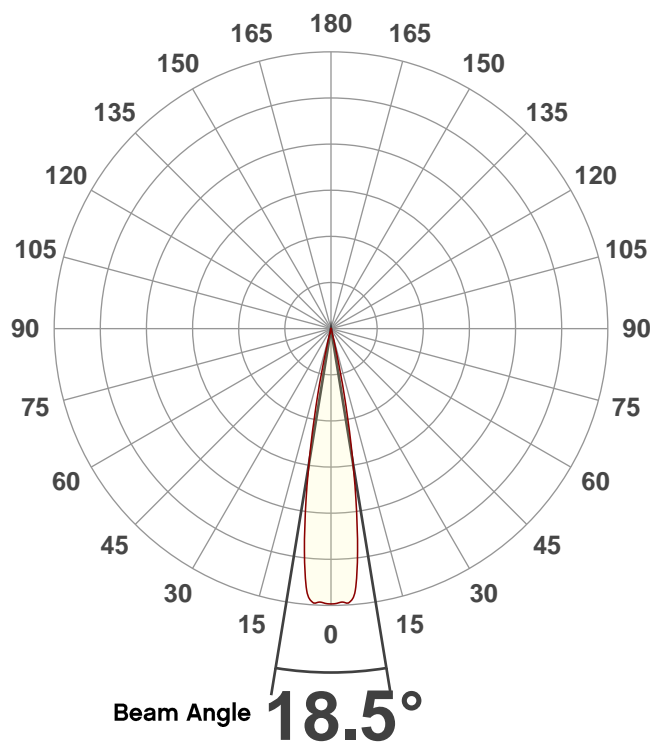
Conditions

AC Supply: 120 V, 60.1 Hz
Power: 187.85 W
Current: 1.57 A
Power Factor: 1.0

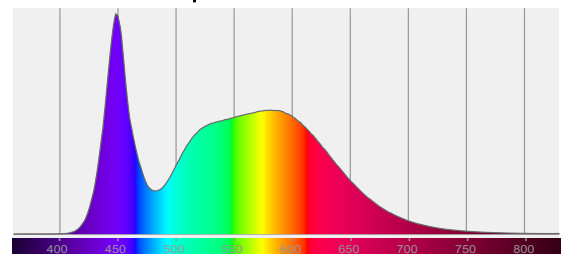
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Overall Measurement

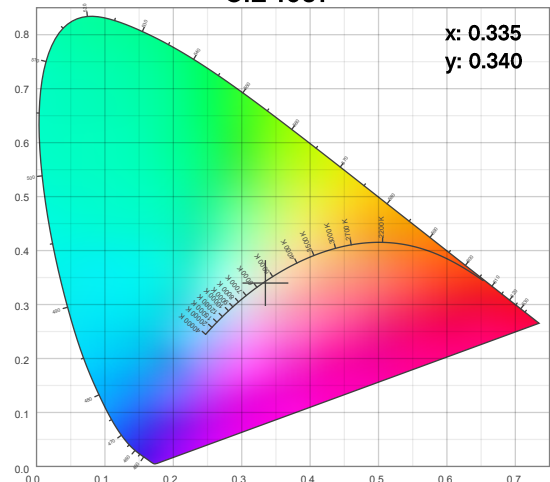
Angular Beam Distribution



Spectral Distribution



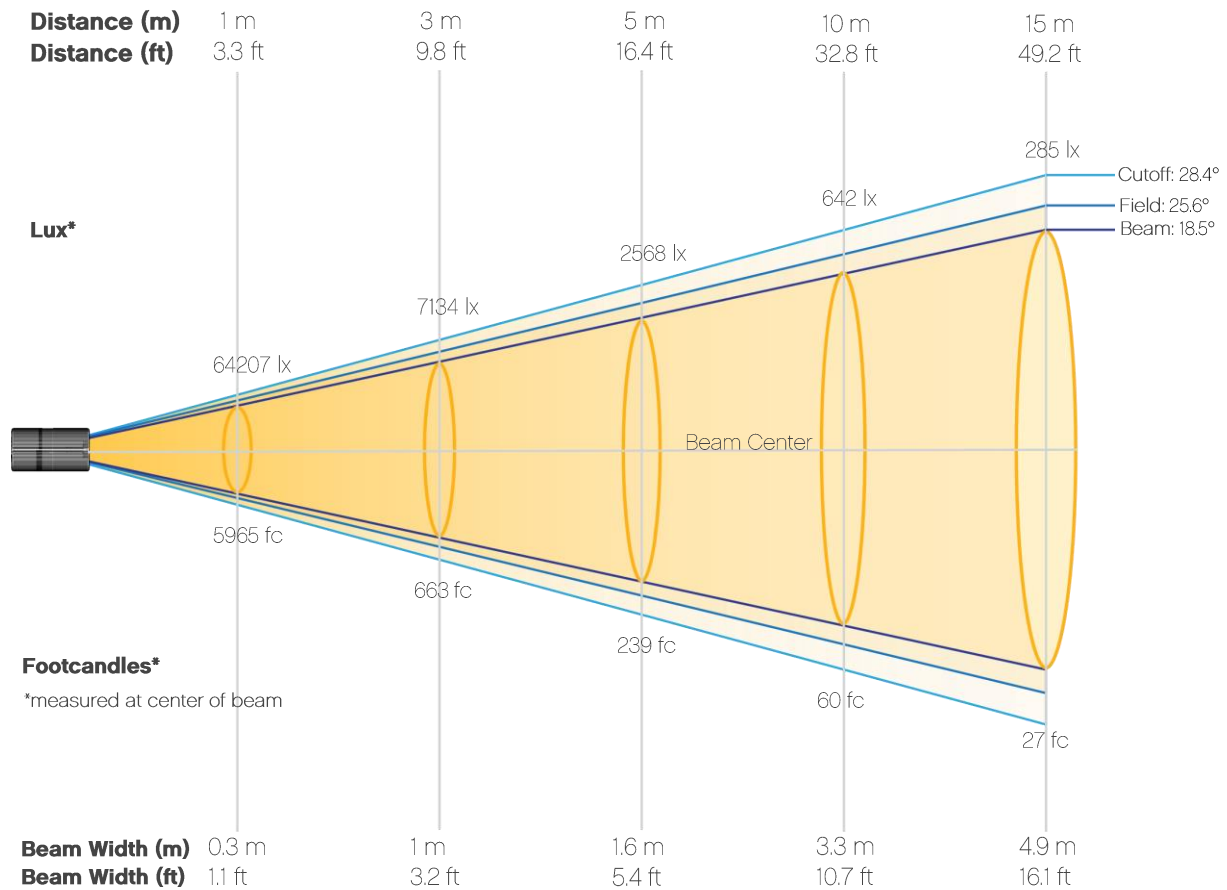
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 5400K

Beam Details



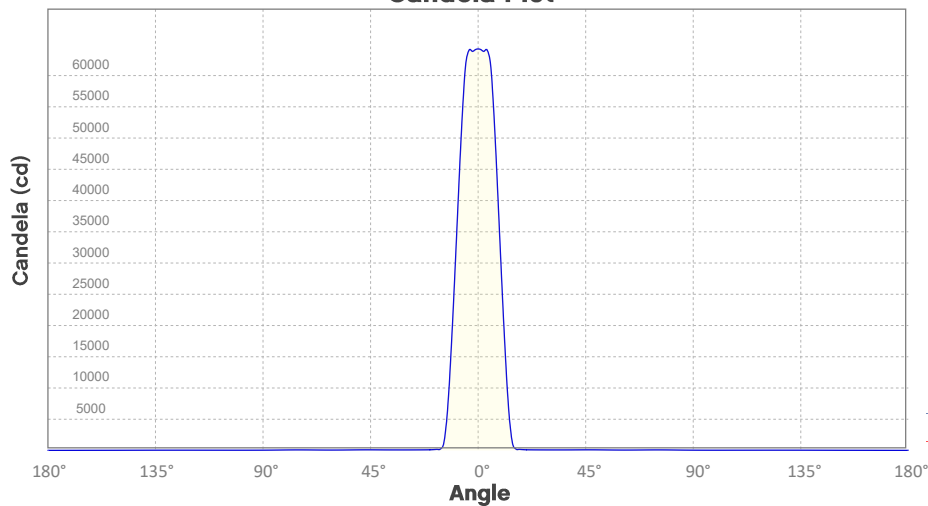
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	64207	16052	7134	4013	2568	1784	1310	1003	793	642
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	531	446	380	328	285	251	222	198	178	161
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5965	1491	663	373	239	166	122	93	74	60
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	49	41	35	30	27	23	21	18	17	15

Photometric Report

Rogue R2X VW: 50% Zoom, 5400K

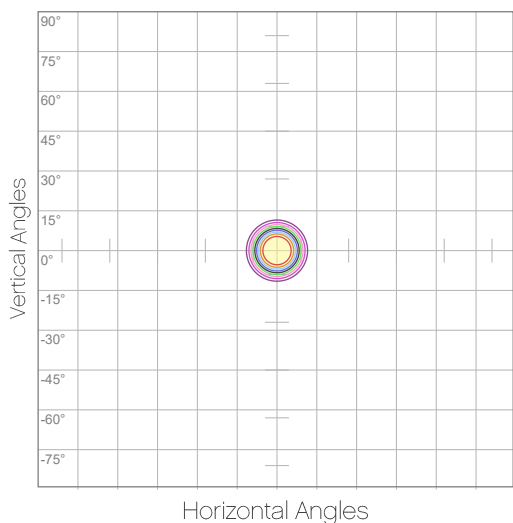
Candela Plot



Beam Angle (50%): 18.5°
 Field Angle (10%): 25.6°
 Cutoff Angle (3%): 28.4°

— Horizontal Distribution
 — Vertical Distribution

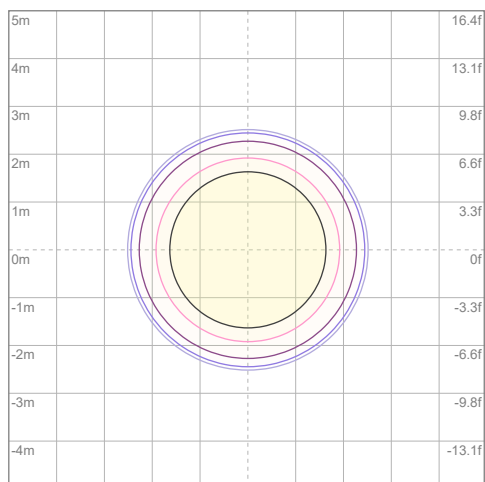
Polar Diagrams



iso-candela Diagram

10%	6421 cd
20%	12841 cd
30%	19262 cd
40%	25683 cd
50%	32103 cd
60%	38524 cd
70%	44945 cd
80%	51366 cd
90%	57786 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 64207 cd



iso-illuminance Diagram

3%	19.3 lx
5%	32.1 lx
10%	64.2 lx
30%	193 lx
50%	321 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 642 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 5200K

Report Summary

Output

Total Lumens: 6823 lm
Peak Intensity: 67344 cd
Illuminance @ 5m: 2694 lux
Fixture Efficacy: 35 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.6°
Vertical Field Angle (10%): 25.6°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



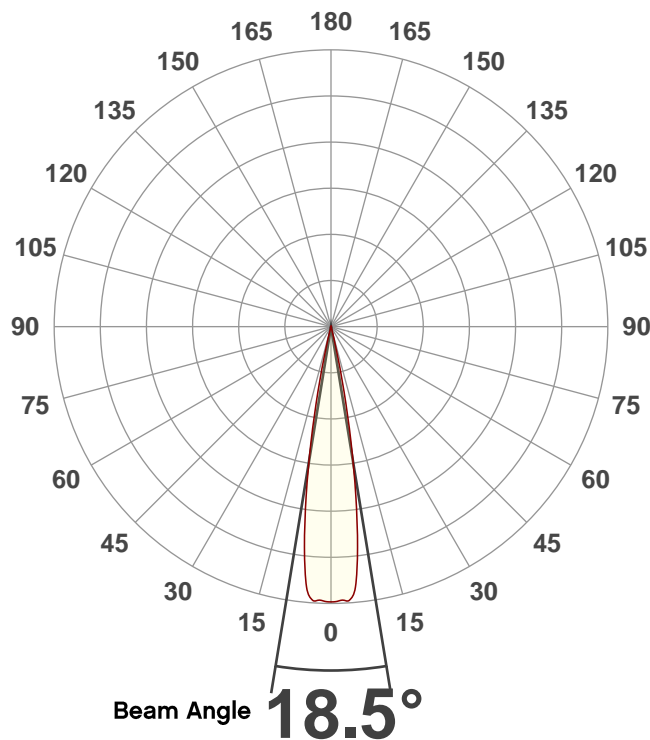
Conditions

AC Supply: 120 V, 60 Hz
Power: 198.1 W
Current: 1.66 A
Power Factor: 1.0

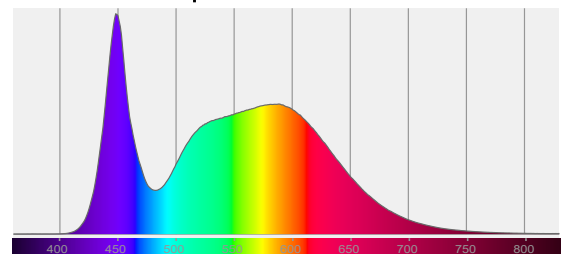
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Overall Measurement

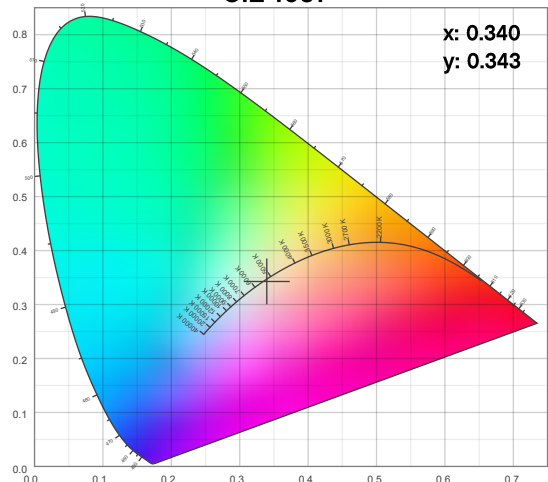
Angular Beam Distribution



Spectral Distribution



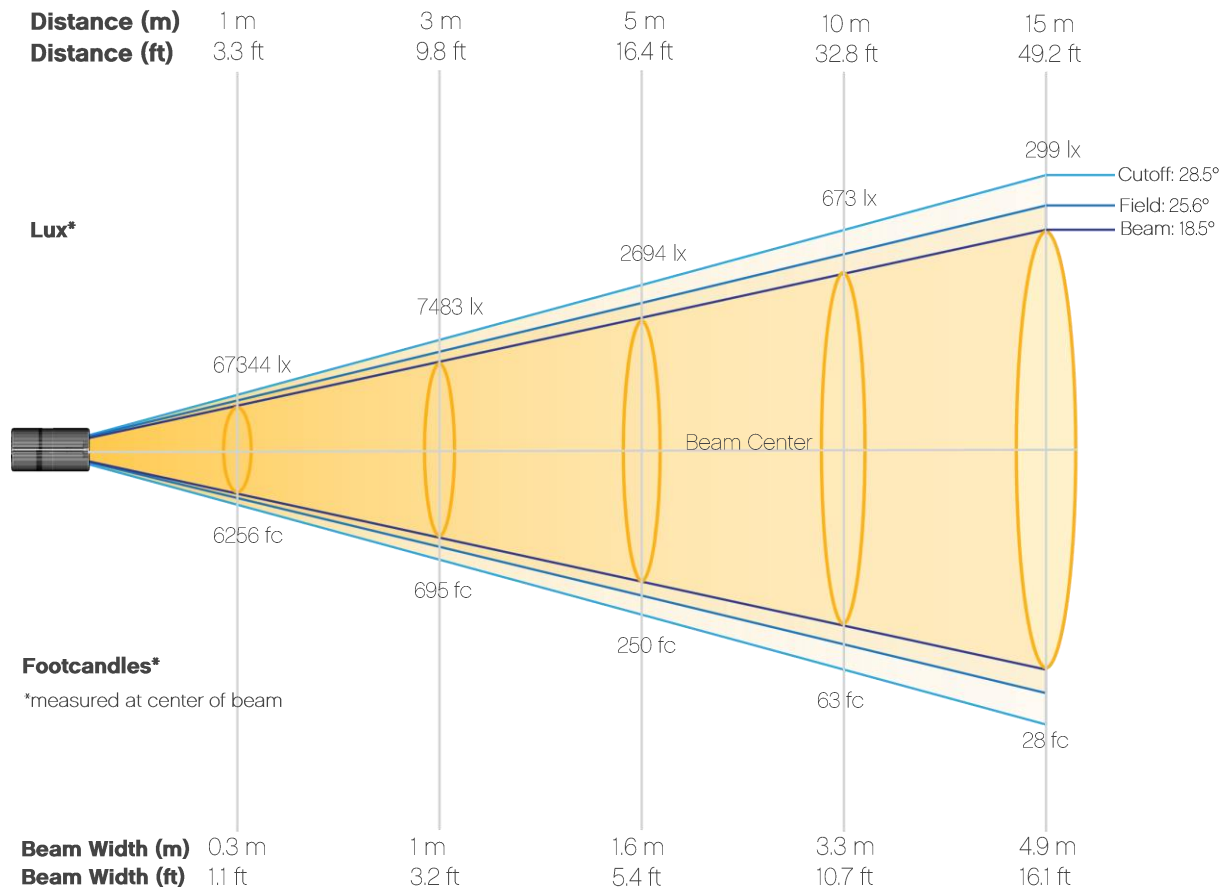
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 5200K

Beam Details



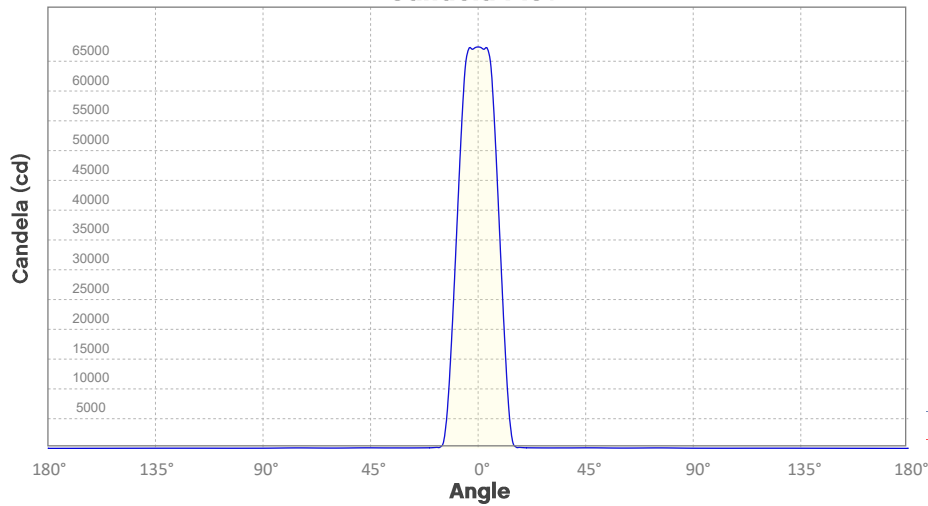
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	67344	16836	7483	4209	2694	1871	1374	1052	831	673
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	557	468	398	344	299	263	233	208	187	168
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6256	1564	695	391	250	174	128	98	77	63
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	52	43	37	32	28	24	22	19	17	16

Photometric Report

Rogue R2X VW: 50% Zoom, 5200K

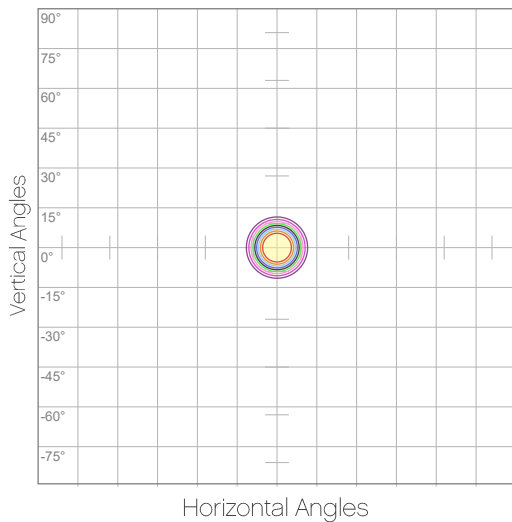
Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.6°
Cutoff Angle (3%): 28.5°

— Horizontal Distribution
— Vertical Distribution

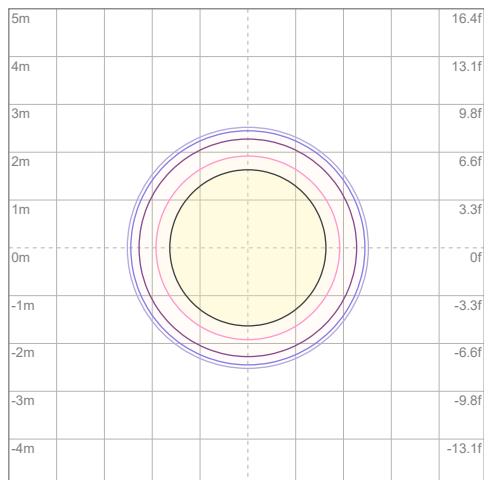
Polar Diagrams



iso-candela Diagram

10%	6734 cd
20%	13469 cd
30%	20203 cd
40%	26938 cd
50%	33672 cd
60%	40407 cd
70%	47141 cd
80%	53875 cd
90%	60610 cd

Conditions:
Number of c-planes: 2
Candela at center: 67344 cd



iso-illuminance Diagram

3%	20.2 lx
5%	33.7 lx
10%	67.3 lx
30%	202 lx
50%	337 lx

Conditions:
Number of c-planes: 2
Lux at center: 673 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 5000K

Report Summary

Output

Total Lumens: 7228 lm
Peak Intensity: 71418 cd
Illuminance @ 5m: 2857 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 18.5°
Vertical Beam Angle (50%): 18.5°
Horizontal Field Angle (10%): 25.7°
Vertical Field Angle (10%): 25.7°
Horizontal Cutoff Angle (3%): 28.6°
Vertical Cutoff Angle (3%): 28.6°



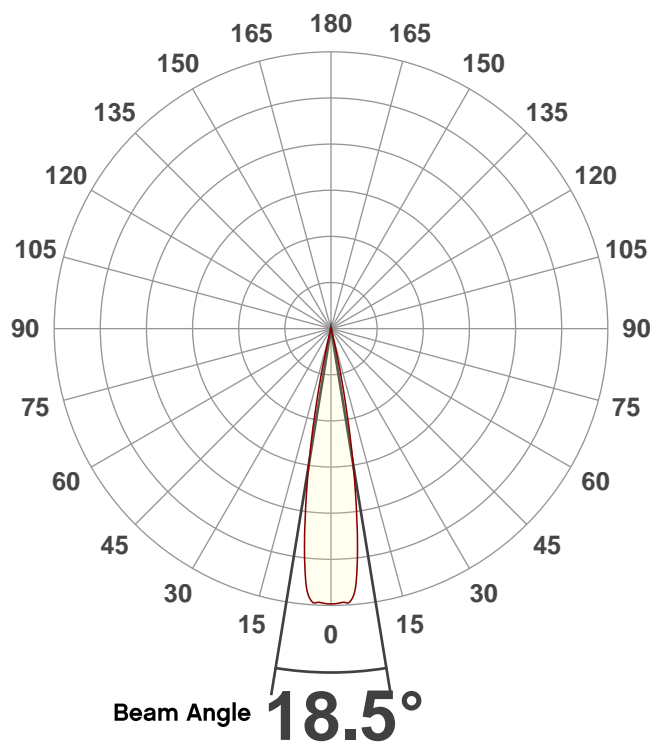
Conditions

AC Supply: 119 V, 60 Hz
Power: 211.21 W
Current: 1.77 A
Power Factor: 1.0

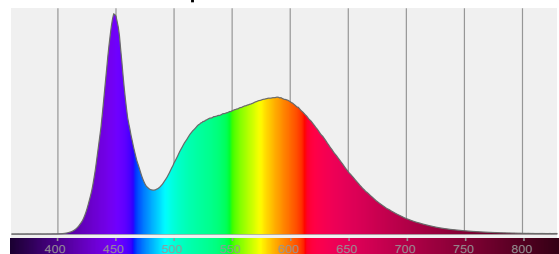
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Overall Measurement

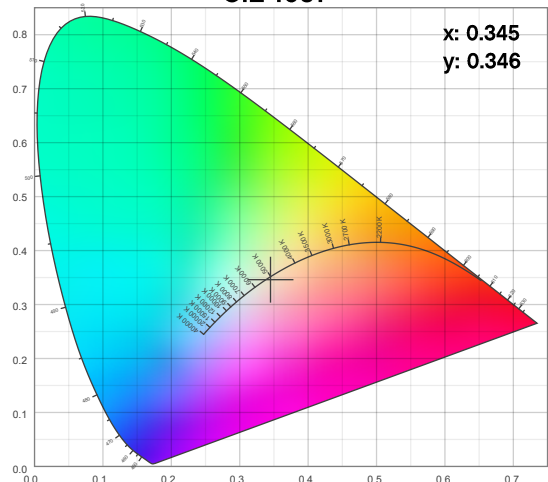
Angular Beam Distribution



Spectral Distribution



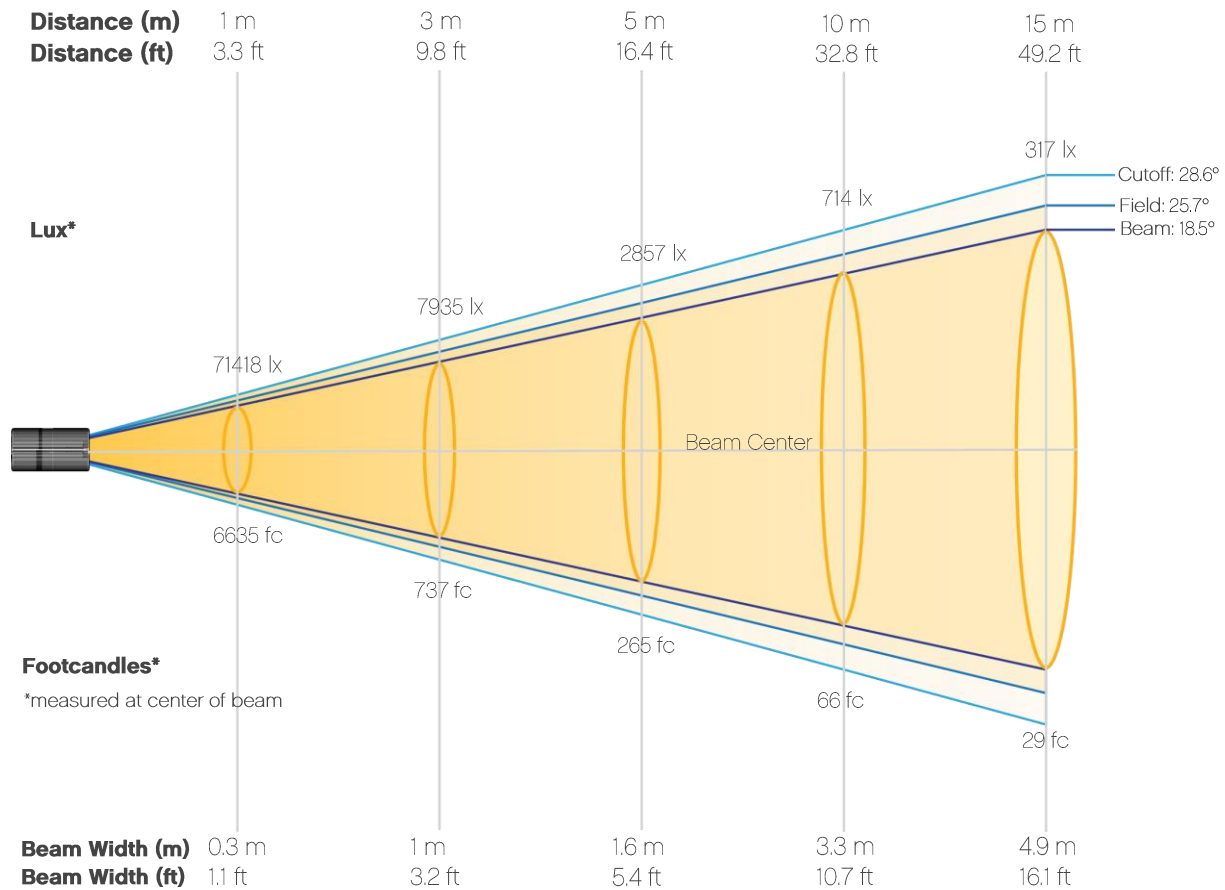
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 5000K

Beam Details



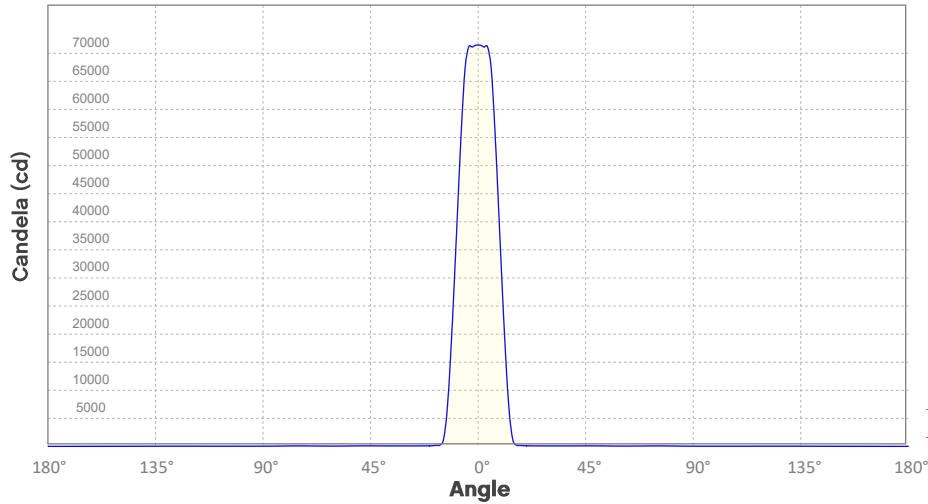
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	71418	17854	7935	4464	2857	1984	1458	1116	882	714
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	590	496	423	364	317	279	247	220	198	179
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6635	1659	737	415	265	184	135	104	82	66
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	55	46	39	34	29	26	23	20	18	17

Photometric Report

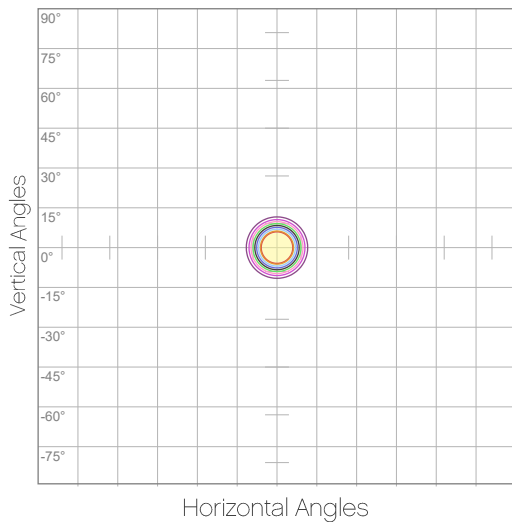
Rogue R2X VW: 50% Zoom, 5000K

Candela Plot



Beam Angle (50%): 18.5°
Field Angle (10%): 25.7°
Cutoff Angle (3%): 28.6°

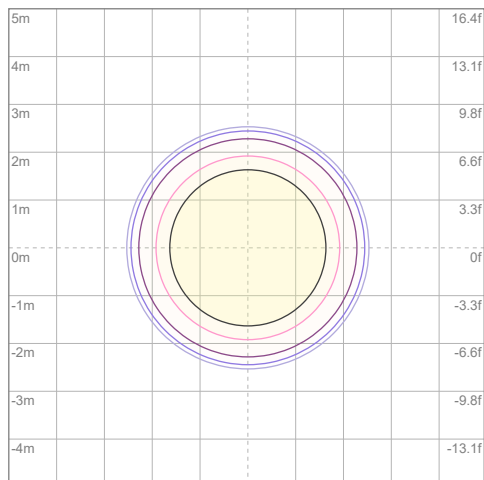
Polar Diagrams



iso-candela Diagram

10%	7142 cd
20%	14284 cd
30%	21425 cd
40%	28567 cd
50%	35709 cd
60%	42851 cd
70%	49993 cd
80%	57134 cd
90%	64276 cd

Conditions:
Number of c-planes: 2
Candela at center: 71418 cd



iso-illuminance Diagram

3%	21.4 lx
5%	35.7 lx
10%	71.4 lx
30%	214 lx
50%	357 lx

Conditions:
Number of c-planes: 2
Lux at center: 714 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 4800K

Report Summary

Output

Total Lumens: 7628 lm
Peak Intensity: 74207 cd
Illuminance @ 5m: 2968 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.6°
Vertical Cutoff Angle (3%): 28.6°



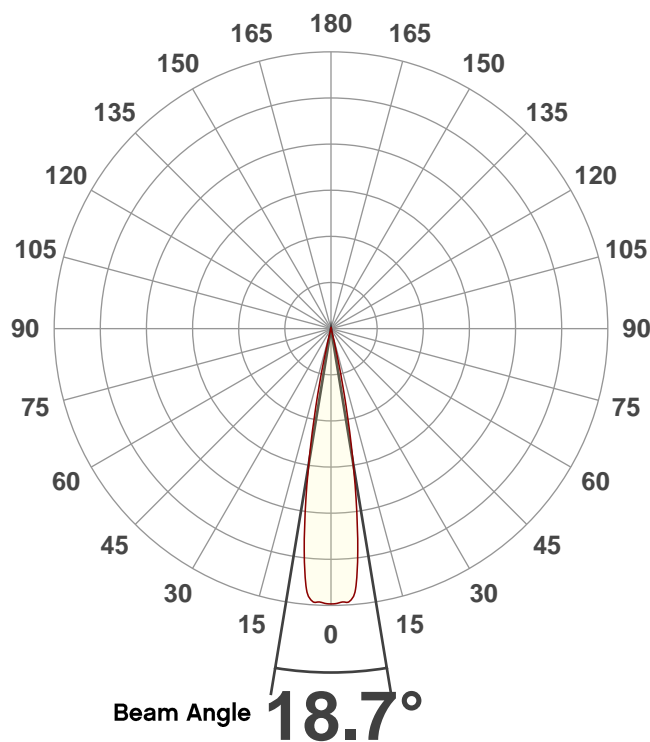
Conditions

AC Supply: 119 V, 60.1 Hz
Power: 224.27 W
Current: 1.88 A
Power Factor: 0.99

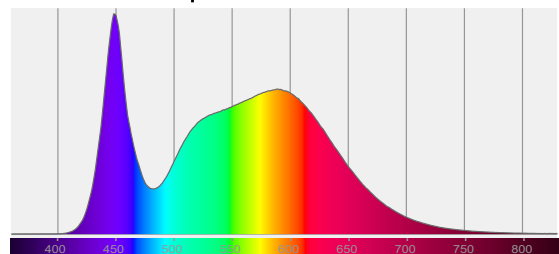
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Overall Measurement

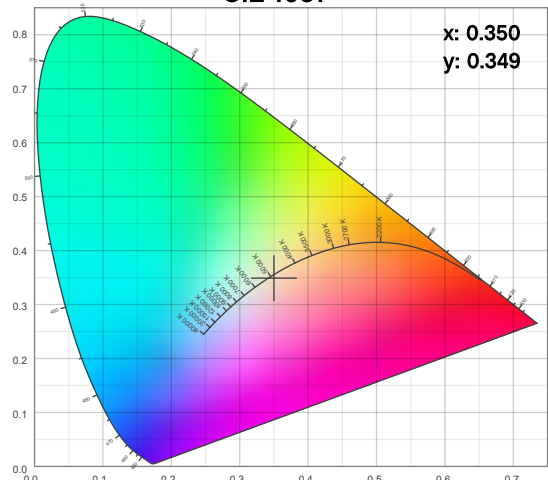
Angular Beam Distribution



Spectral Distribution



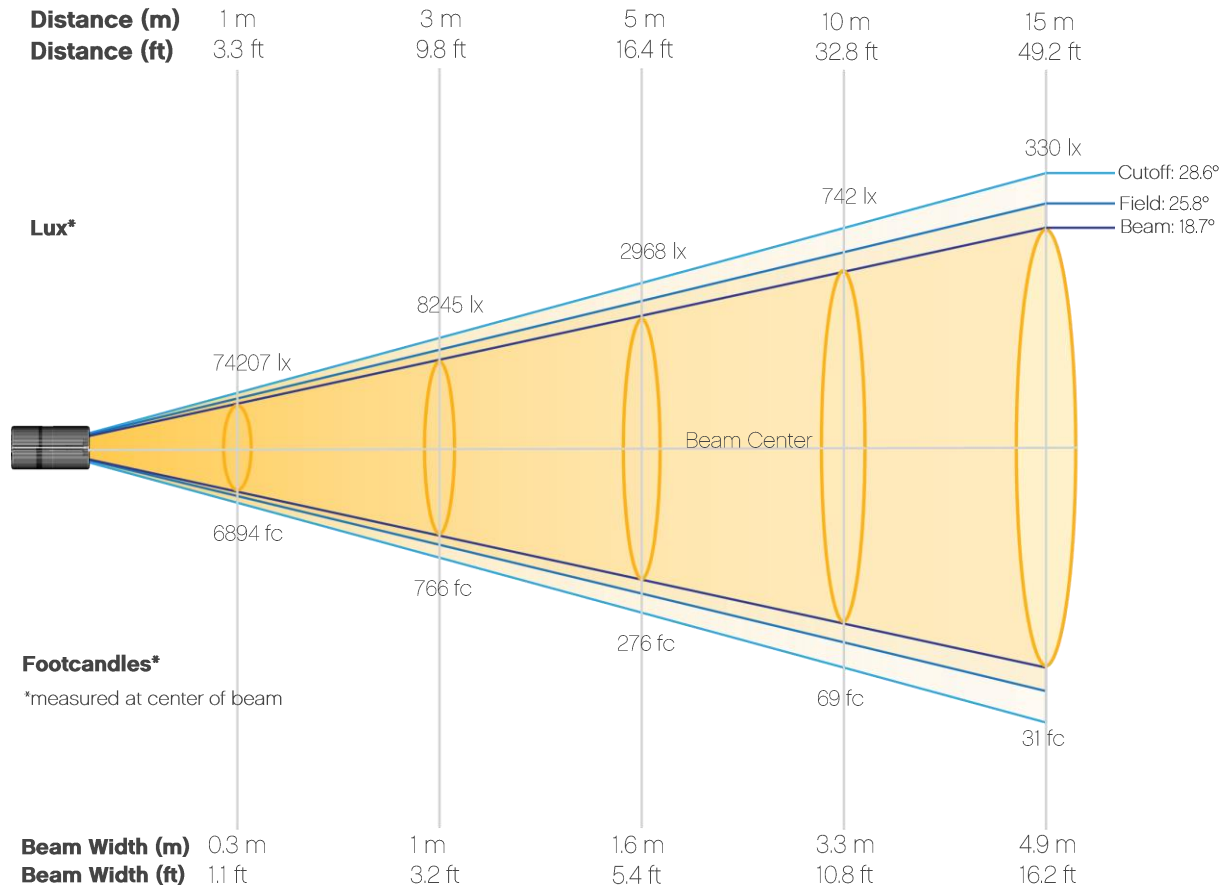
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 4800K

Beam Details



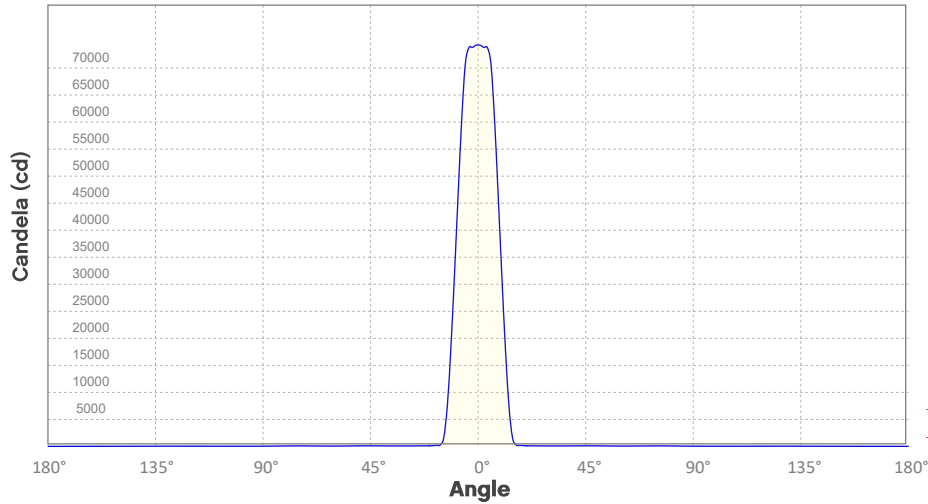
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	74207	18552	8245	4638	2968	2061	1514	1159	916	742
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	613	515	439	379	330	290	257	229	206	186
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6894	1724	766	431	276	192	141	108	85	69
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	57	48	41	35	31	27	24	21	19	17

Photometric Report

Rogue R2X VW: 50% Zoom, 4800K

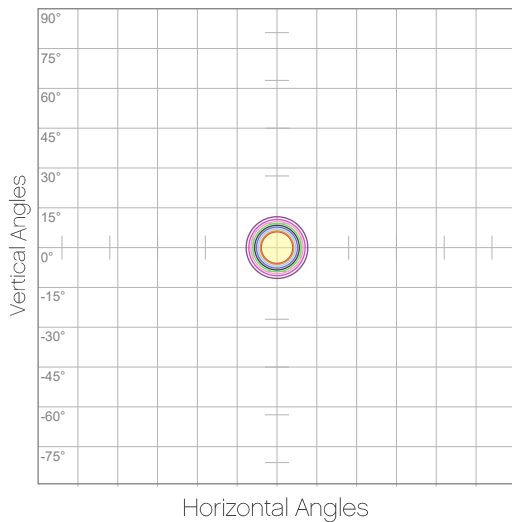
Candela Plot



Beam Angle (50%): 18.7°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.6°

— Horizontal Distribution
— Vertical Distribution

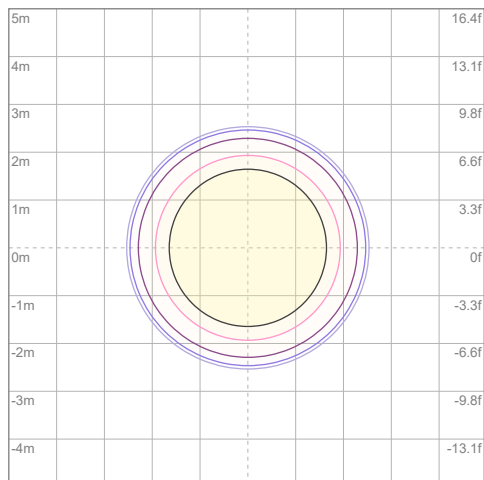
Polar Diagrams



iso-candela Diagram

10%	7421 cd
20%	14841 cd
30%	22262 cd
40%	29683 cd
50%	37104 cd
60%	44524 cd
70%	51945 cd
80%	59366 cd
90%	66786 cd

Conditions:
Number of c-planes: 2
Candela at center: 74207 cd



iso-illuminance Diagram

3%	22.3 lx
5%	37.1 lx
10%	74.2 lx
30%	223 lx
50%	371 lx

Conditions:
Number of c-planes: 2
Lux at center: 742 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 4600K

Report Summary

Output

Total Lumens: 8111 lm
Peak Intensity: 79040 cd
Illuminance @ 5m: 3162 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



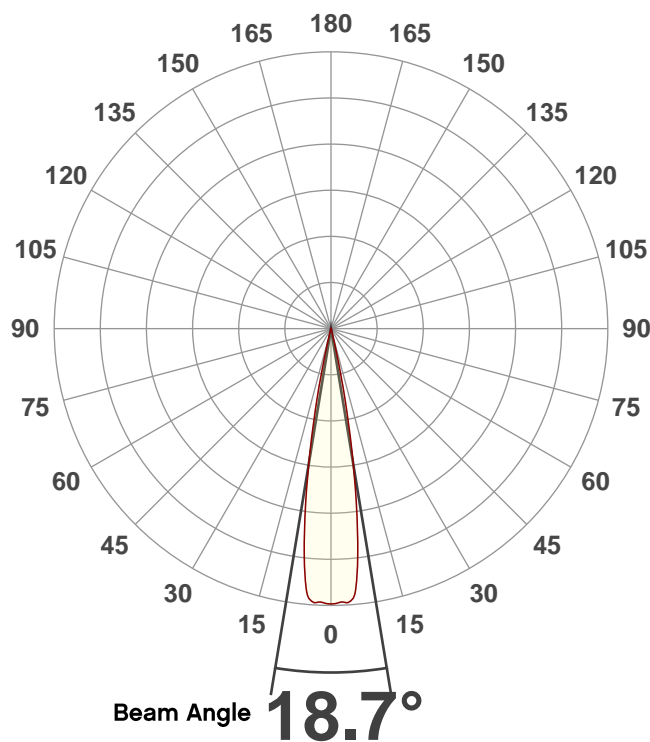
Conditions

AC Supply: 119 V, 60 Hz
Power: 240.28 W
Current: 2.02 A
Power Factor: 0.99

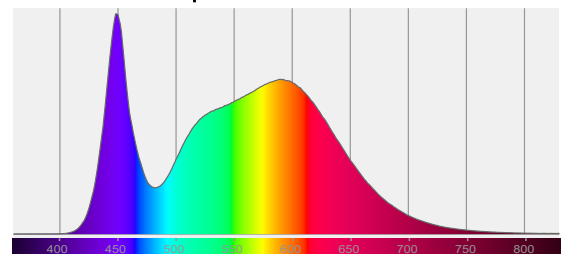
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Overall Measurement

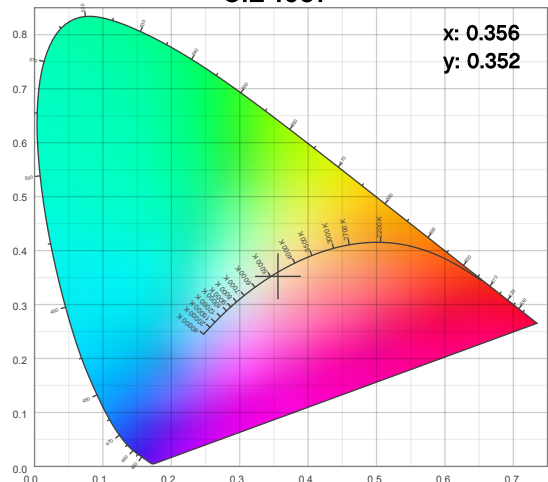
Angular Beam Distribution



Spectral Distribution



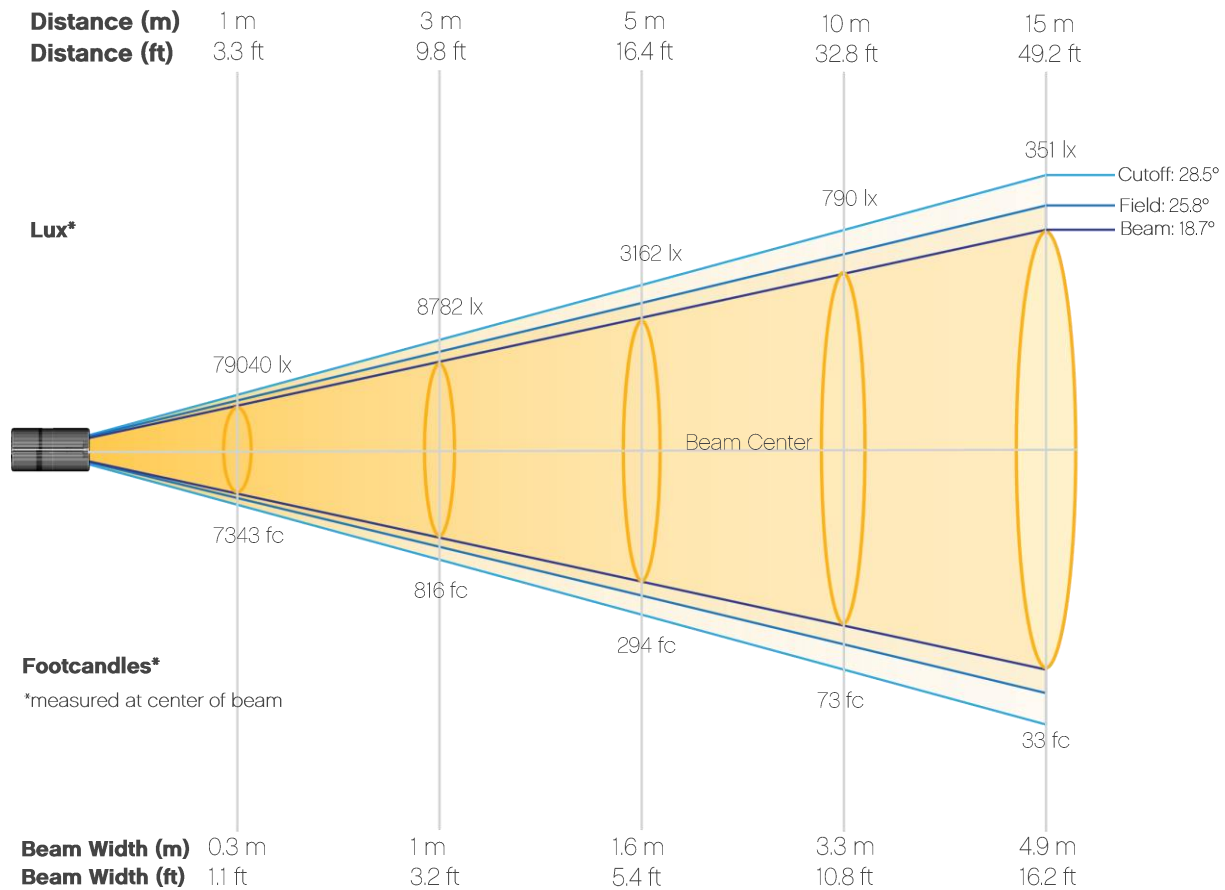
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 4600K

Beam Details



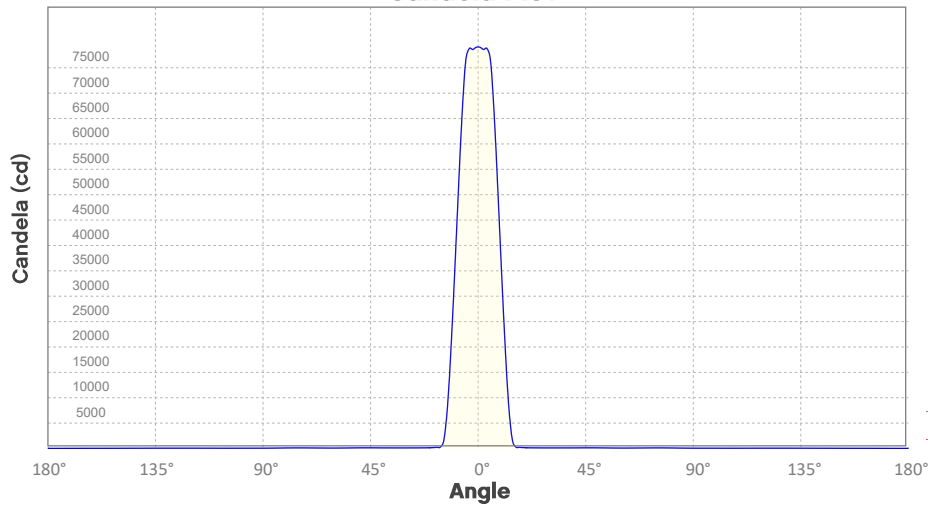
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	79040	19760	8782	4940	3162	2196	1613	1235	976	790
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	653	549	468	403	351	309	273	244	219	198
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7343	1836	816	459	294	204	150	115	91	73
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	61	51	43	37	33	29	25	23	20	18

Photometric Report

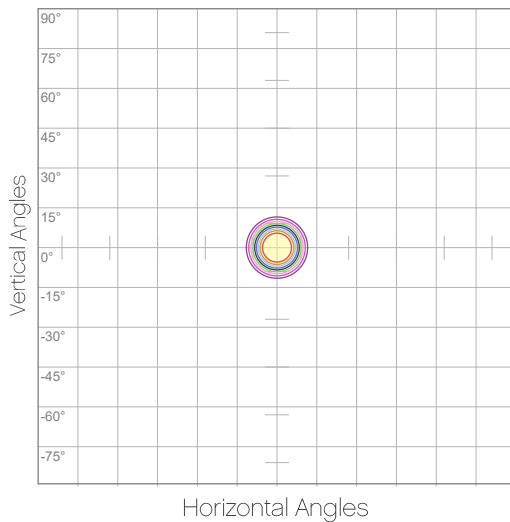
Rogue R2X VW: 50% Zoom, 4600K

Candela Plot



Beam Angle (50%): 18.7°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.5°

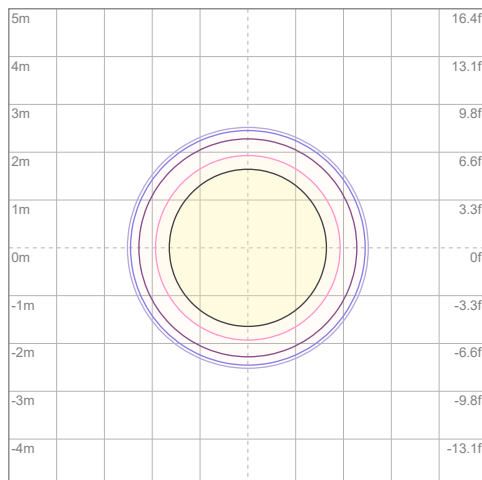
Polar Diagrams



iso-candela Diagram

10%	7904 cd
20%	15808 cd
30%	23712 cd
40%	31616 cd
50%	39520 cd
60%	47424 cd
70%	55328 cd
80%	63232 cd
90%	71136 cd

Conditions:
Number of c-planes: 2
Candela at center: 79040 cd



iso-illuminance Diagram

3%	23.7 lx
5%	39.5 lx
10%	79.0 lx
30%	237 lx
50%	395 lx

Conditions:
Number of c-planes: 2
Lux at center: 790 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 4000K

Report Summary

Output

Total Lumens: 10701 lm
Peak Intensity: 104386 cd
Illuminance @ 5m: 4175 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 18.6°
Vertical Beam Angle (50%): 18.6°
Horizontal Field Angle (10%): 26°
Vertical Field Angle (10%): 26°
Horizontal Cutoff Angle (3%): 29.1°
Vertical Cutoff Angle (3%): 29.1°



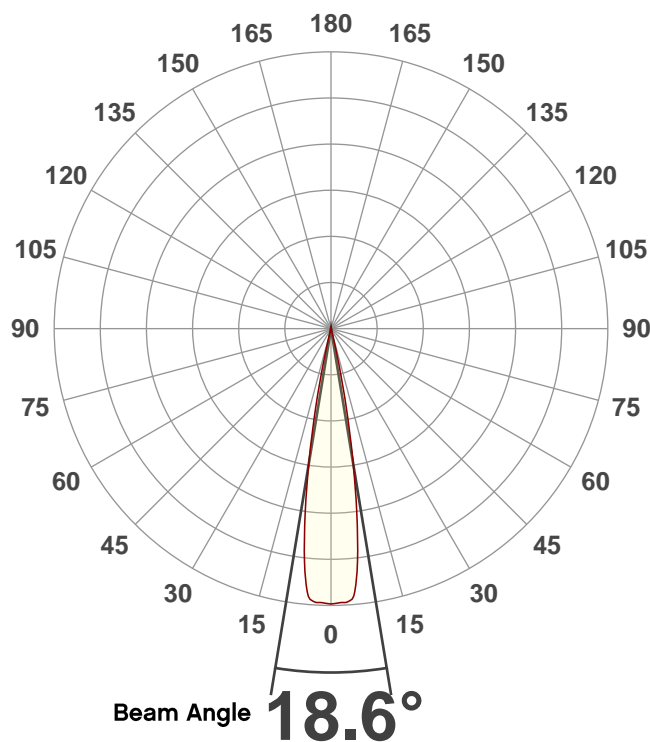
Conditions

AC Supply: 118 V, 60 Hz
Power: 327.38 W
Current: 2.77 A
Power Factor: 0.99

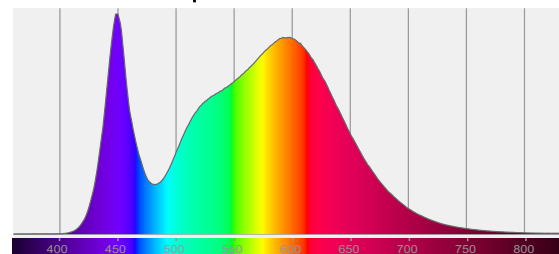
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Overall Measurement

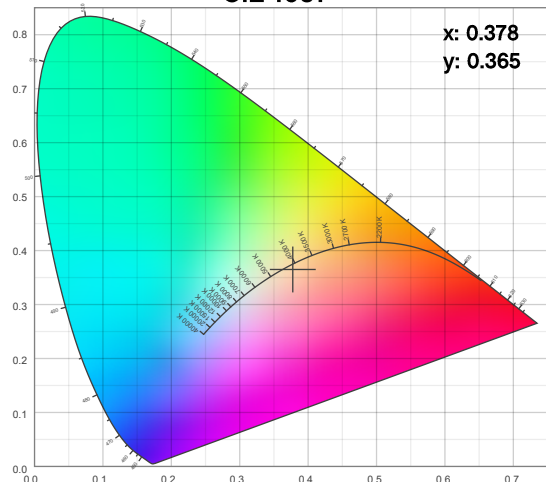
Angular Beam Distribution



Spectral Distribution



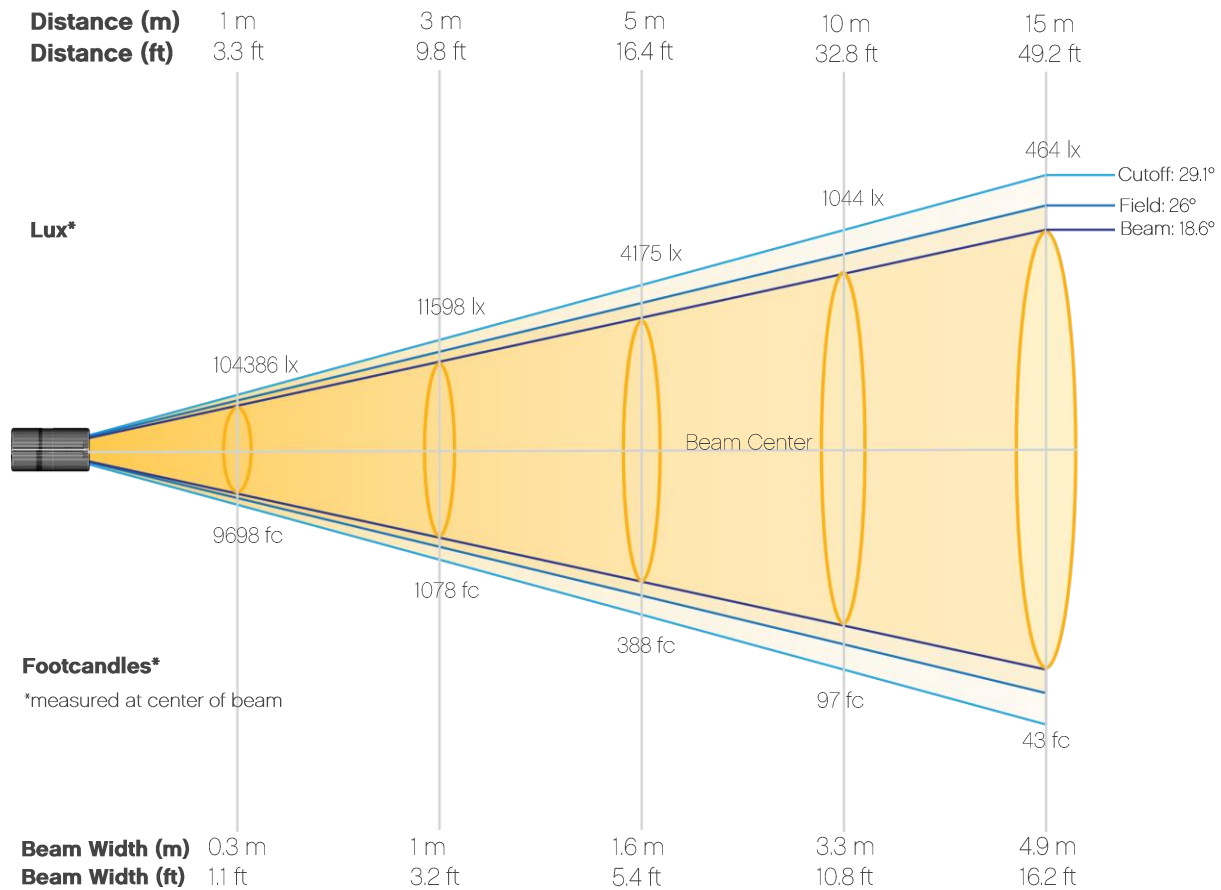
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 4000K

Beam Details



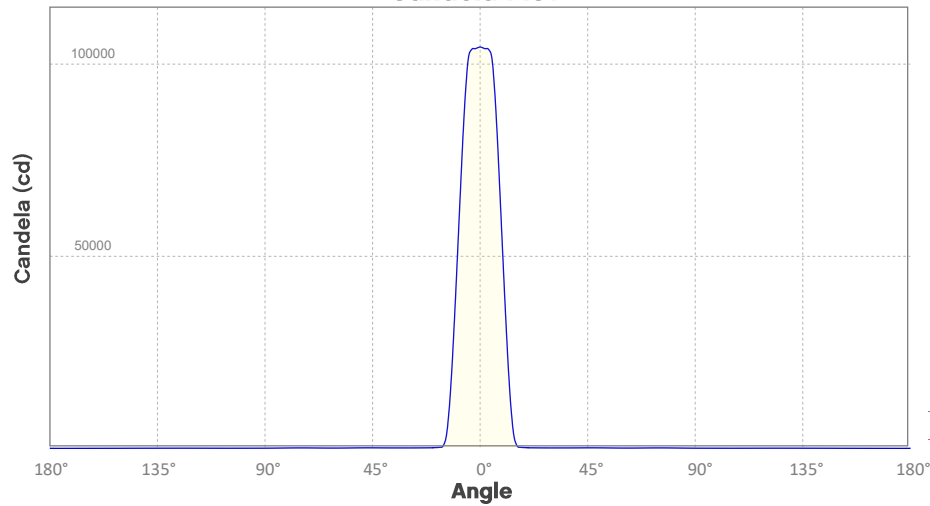
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	104386	26097	11598	6524	4175	2900	2130	1631	1289	1044
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	863	725	618	533	464	408	361	322	289	261
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9698	2424	1078	606	388	269	198	152	120	97
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	80	67	57	49	43	38	34	30	27	24

Photometric Report

Rogue R2X VW: 50% Zoom, 4000K

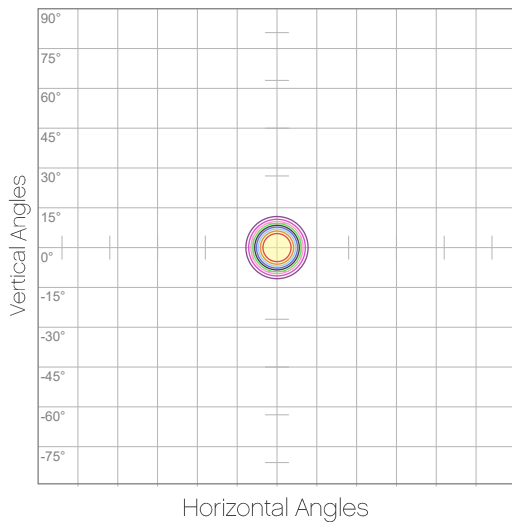
Candela Plot



Beam Angle (50%): 18.6°
Field Angle (10%): 26°
Cutoff Angle (3%): 29.1°

— Horizontal Distribution
— Vertical Distribution

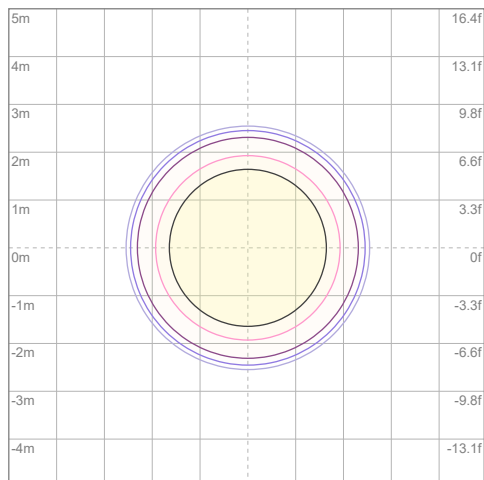
Polar Diagrams



iso-candela Diagram

10%	10439 cd
20%	20877 cd
30%	31316 cd
40%	41754 cd
50%	52193 cd
60%	62632 cd
70%	73070 cd
80%	83509 cd
90%	93948 cd

Conditions:
Number of c-planes: 2
Candela at center: 104386 cd



iso-illuminance Diagram

3%	31.3 lx
5%	52.2 lx
10%	104 lx
30%	313 lx
50%	522 lx

Conditions:
Number of c-planes: 2
Lux at center: 1044 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 3800K

Report Summary

Output

Total Lumens: 9498 lm
Peak Intensity: 92440 cd
Illuminance @ 5m: 3698 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.5°
Vertical Cutoff Angle (3%): 28.5°



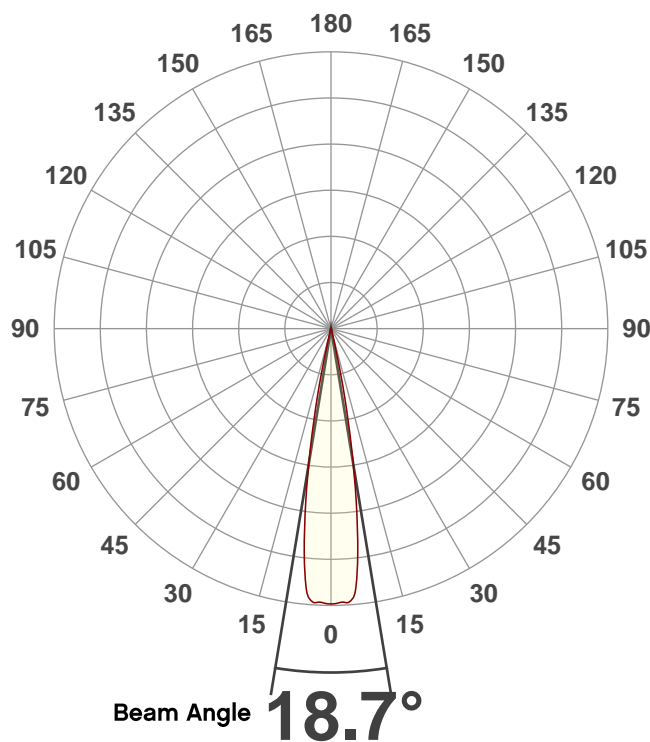
Conditions

AC Supply: 119 V, 60 Hz
Power: 290.51 W
Current: 2.45 A
Power Factor: 0.99

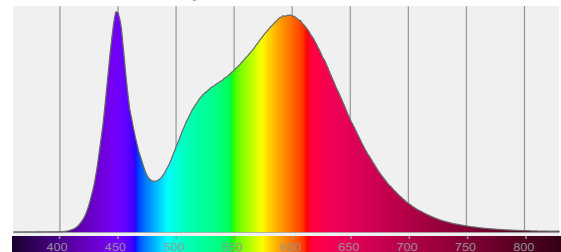
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Overall Measurement

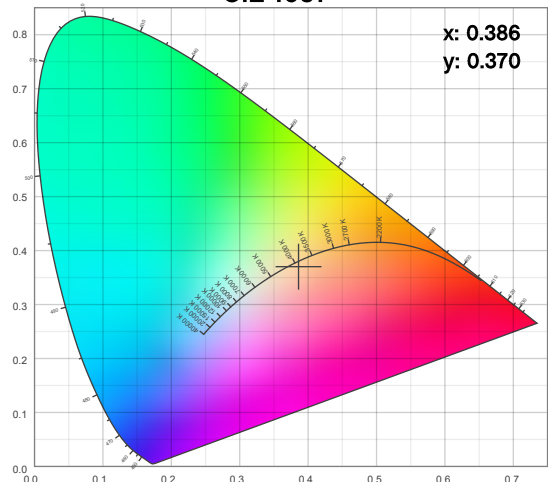
Angular Beam Distribution



Spectral Distribution



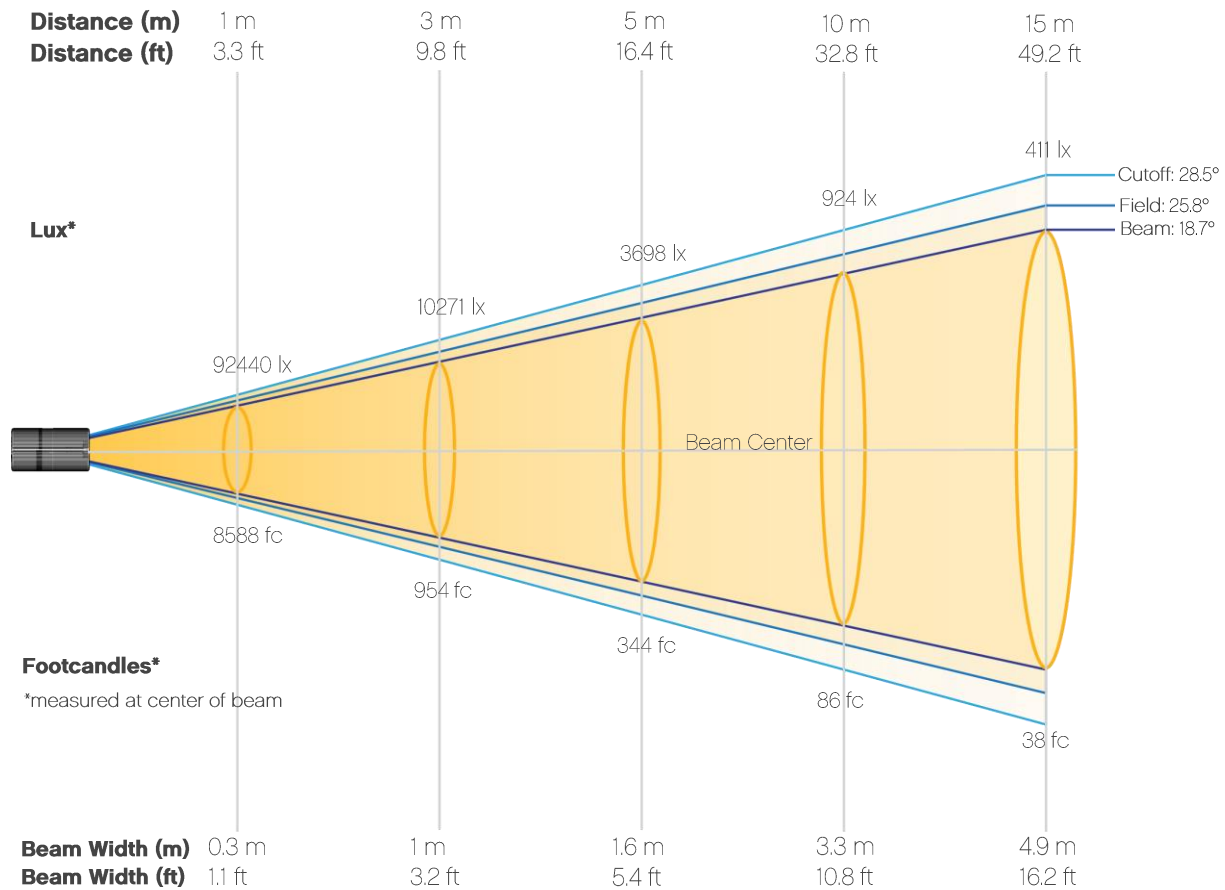
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 3800K

Beam Details



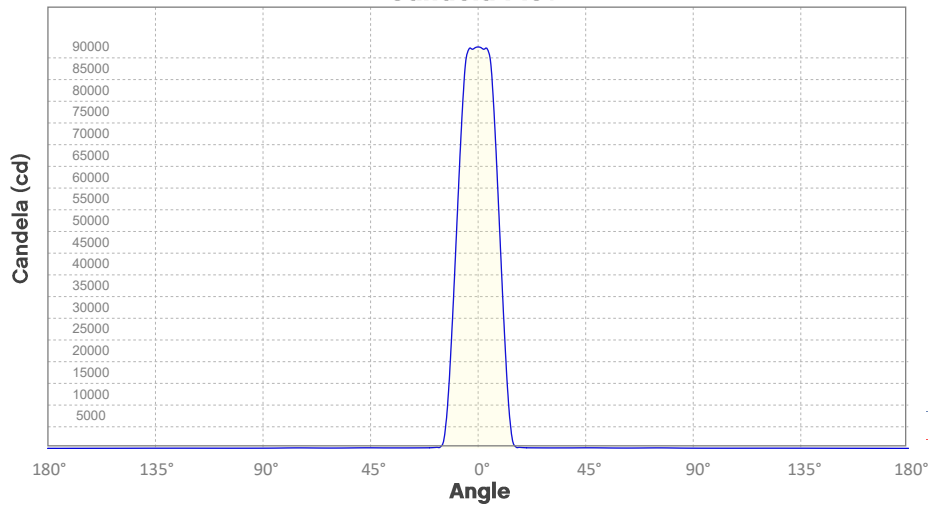
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	92440	23110	10271	5777	3698	2568	1887	1444	1141	924
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	764	642	547	472	411	361	320	285	256	231
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	8588	2147	954	537	344	239	175	134	106	86
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	71	60	51	44	38	34	30	27	24	21

Photometric Report

Rogue R2X VW: 50% Zoom, 3800K

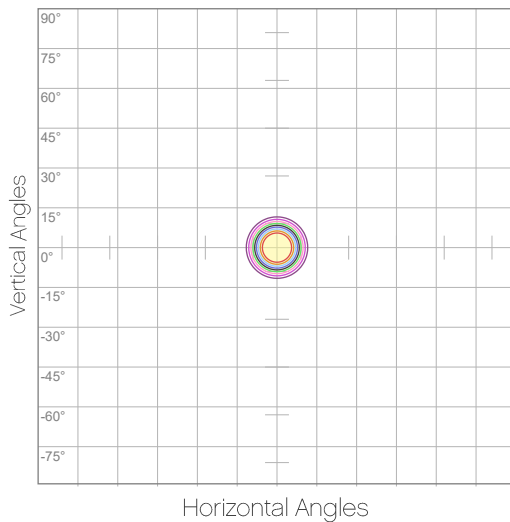
Candela Plot



Beam Angle (50%): 18.7°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.5°

— Horizontal Distribution
— Vertical Distribution

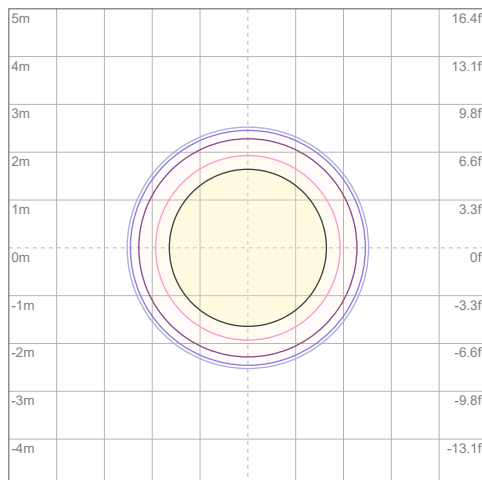
Polar Diagrams



iso-candela Diagram

10%	9244 cd
20%	18488 cd
30%	27732 cd
40%	36976 cd
50%	46220 cd
60%	55464 cd
70%	64708 cd
80%	73952 cd
90%	83196 cd

Conditions:
Number of c-planes: 2
Candela at center: 92440 cd



iso-illuminance Diagram

3%	27.7 lx
5%	46.2 lx
10%	92.4 lx
30%	277 lx
50%	462 lx

Conditions:
Number of c-planes: 2
Lux at center: 924 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 3600K

Report Summary

Output

Total Lumens: 8495 lm
Peak Intensity: 82604 cd
Illuminance @ 5m: 3304 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.7°
Vertical Cutoff Angle (3%): 28.7°



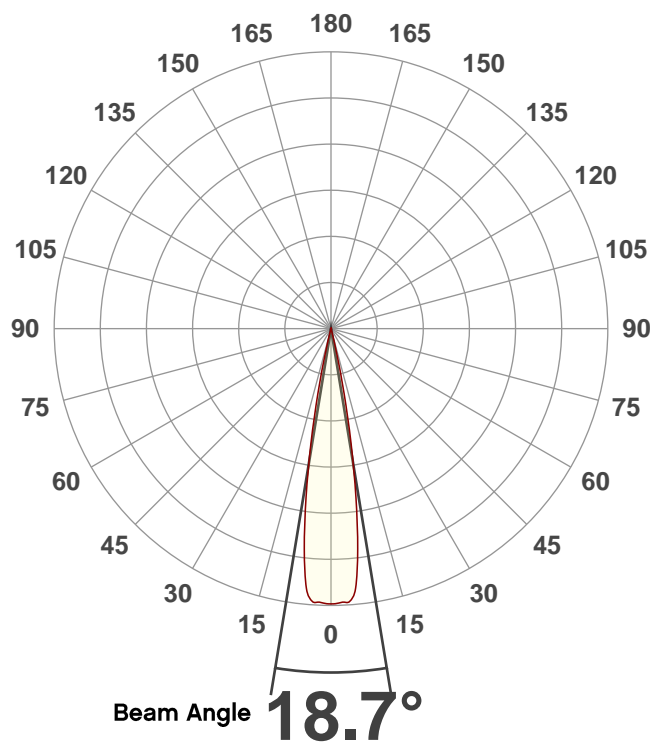
Conditions

AC Supply: 119 V, 60 Hz
Power: 259.69 W
Current: 2.19 A
Power Factor: 0.99

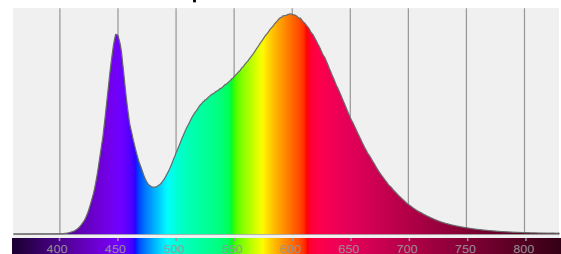
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Overall Measurement

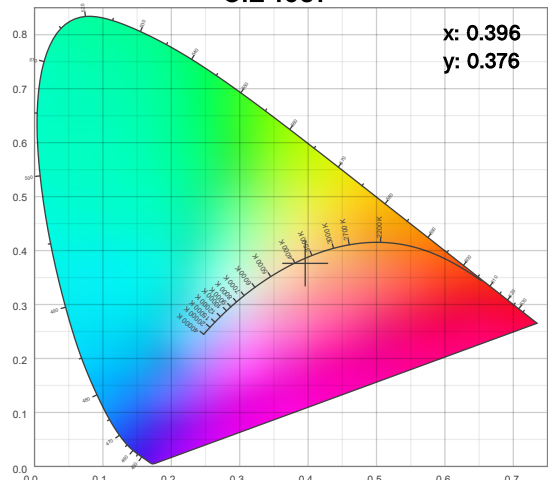
Angular Beam Distribution



Spectral Distribution



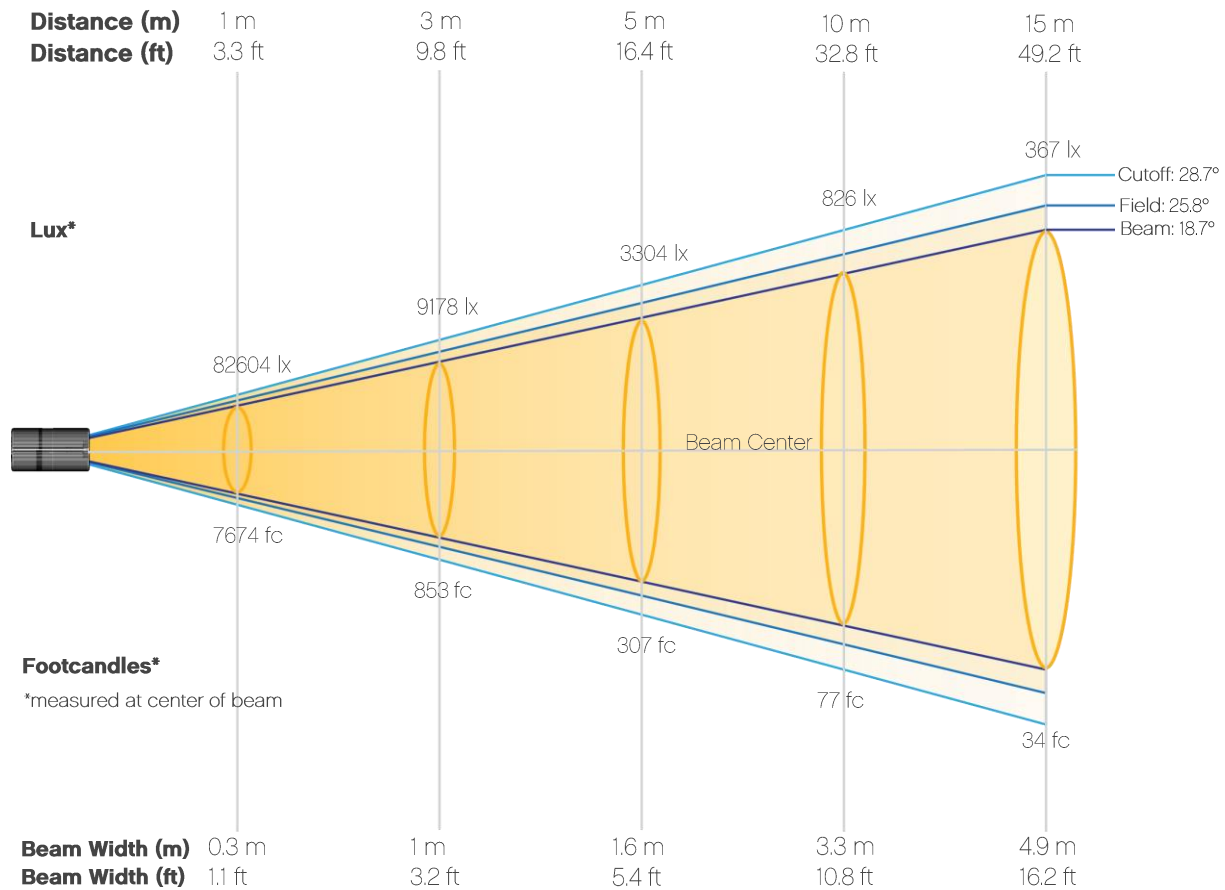
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 3600K

Beam Details



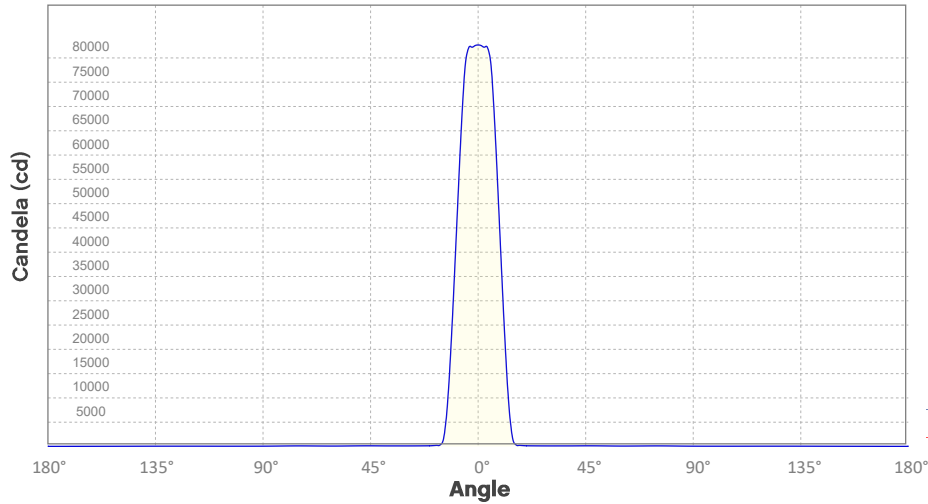
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	82604	20651	9178	5163	3304	2295	1686	1291	1020	826
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	683	574	489	421	367	323	286	255	229	207
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7674	1919	853	480	307	213	157	120	95	77
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	63	53	45	39	34	30	27	24	21	19

Photometric Report

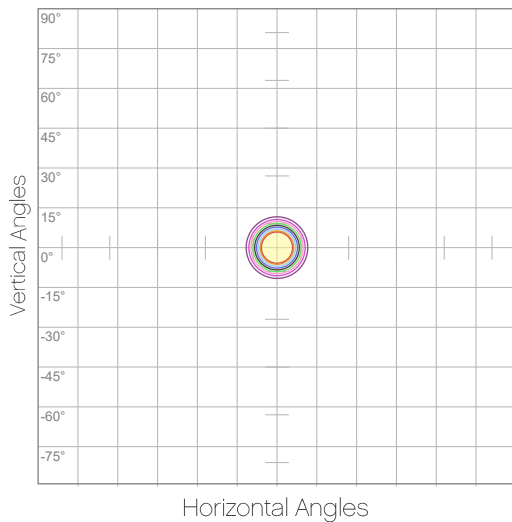
Rogue R2X VW: 50% Zoom, 3600K

Candela Plot



Beam Angle (50%): 18.7°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.7°

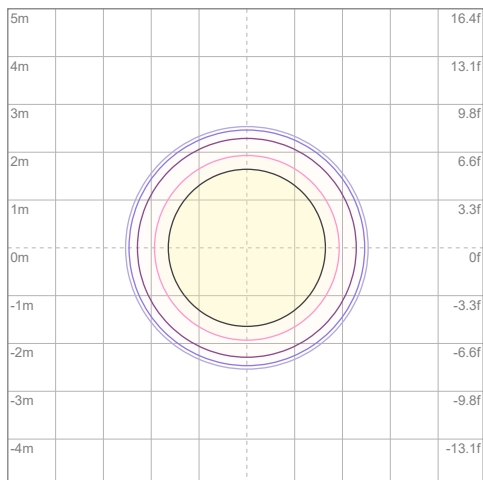
Polar Diagrams



iso-candela Diagram

10%	8260 cd
20%	16521 cd
30%	24781 cd
40%	33042 cd
50%	41302 cd
60%	49562 cd
70%	57823 cd
80%	66083 cd
90%	74344 cd

Conditions:
Number of c-planes: 2
Candela at center: 82604 cd



iso-illuminance Diagram

3%	24.8 lx
5%	41.3 lx
10%	82.6 lx
30%	248 lx
50%	413 lx

Conditions:
Number of c-planes: 2
Lux at center: 826 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: 50% Zoom, 3200K

Report Summary

Output

Total Lumens: 6762 lm
Peak Intensity: 65410 cd
Illuminance @ 5m: 2616 lux
Fixture Efficacy: 33 lm/W

Optical

Horizontal Beam Angle (50%): 18.7°
Vertical Beam Angle (50%): 18.7°
Horizontal Field Angle (10%): 25.8°
Vertical Field Angle (10%): 25.8°
Horizontal Cutoff Angle (3%): 28.7°
Vertical Cutoff Angle (3%): 28.7°



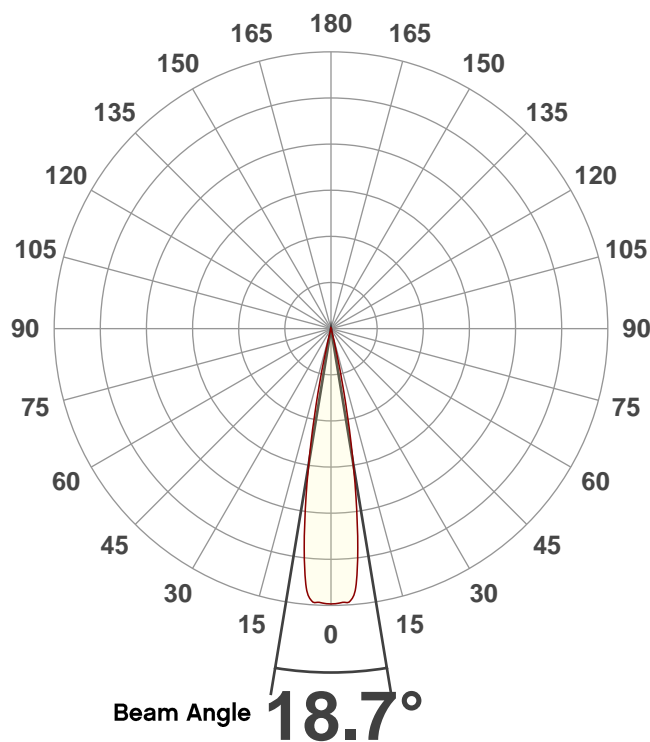
Conditions

AC Supply: 119 V, 60.1 Hz
Power: 208.51 W
Current: 1.75 A
Power Factor: 1.0

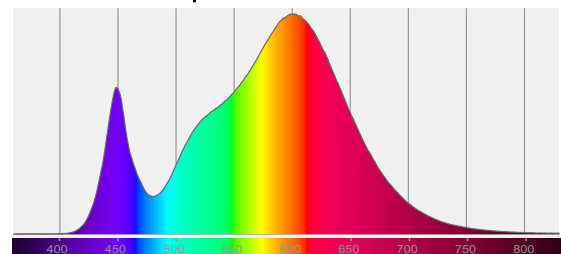
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Overall Measurement

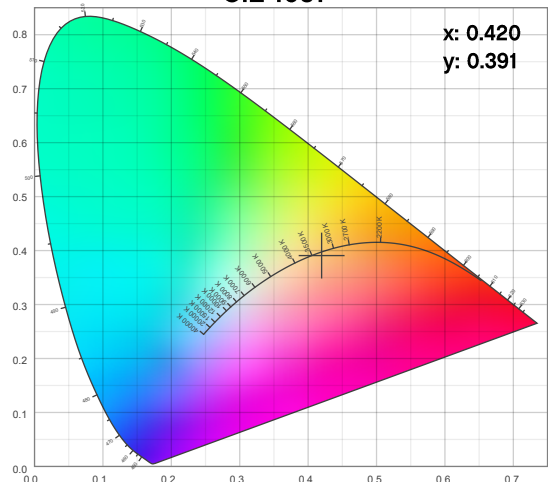
Angular Beam Distribution



Spectral Distribution



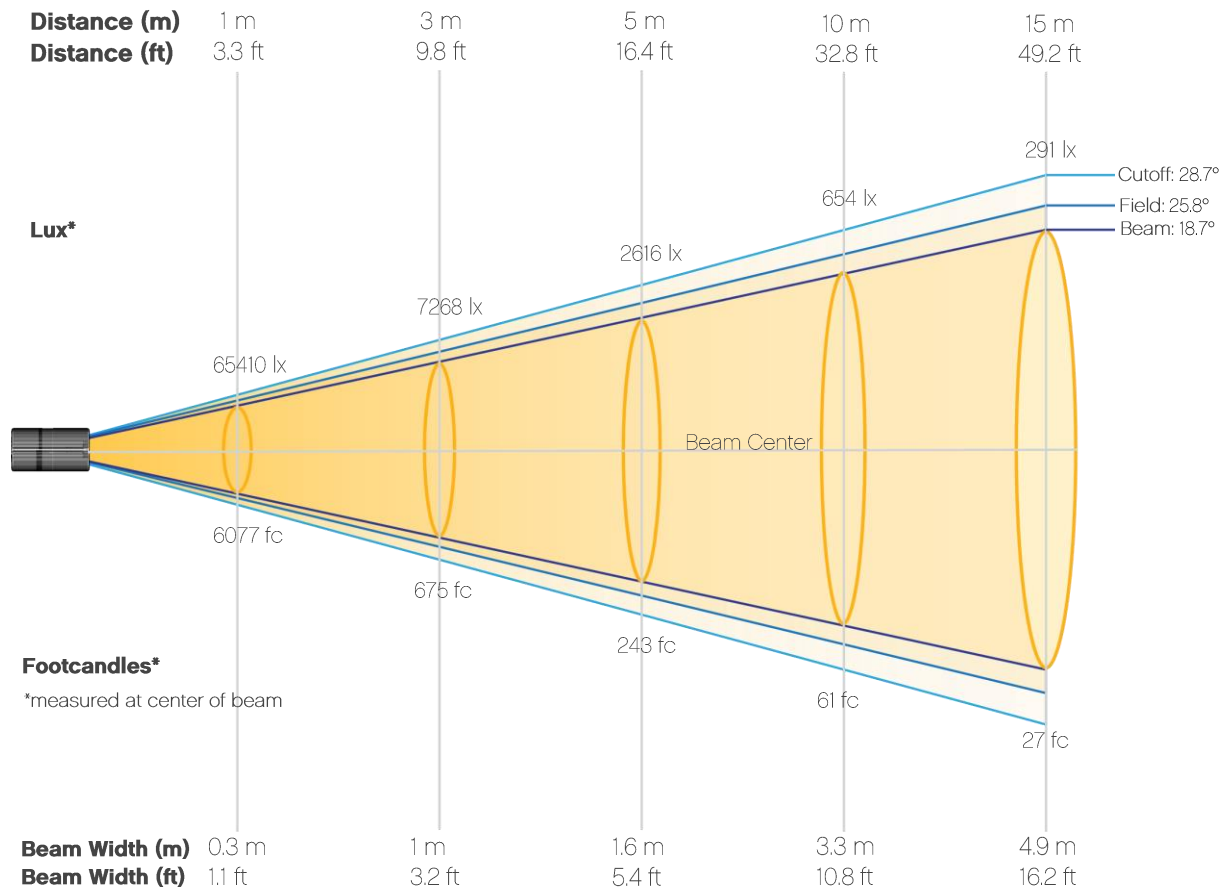
CIE 1931



Photometric Report

Rogue R2X VW: 50% Zoom, 3200K

Beam Details



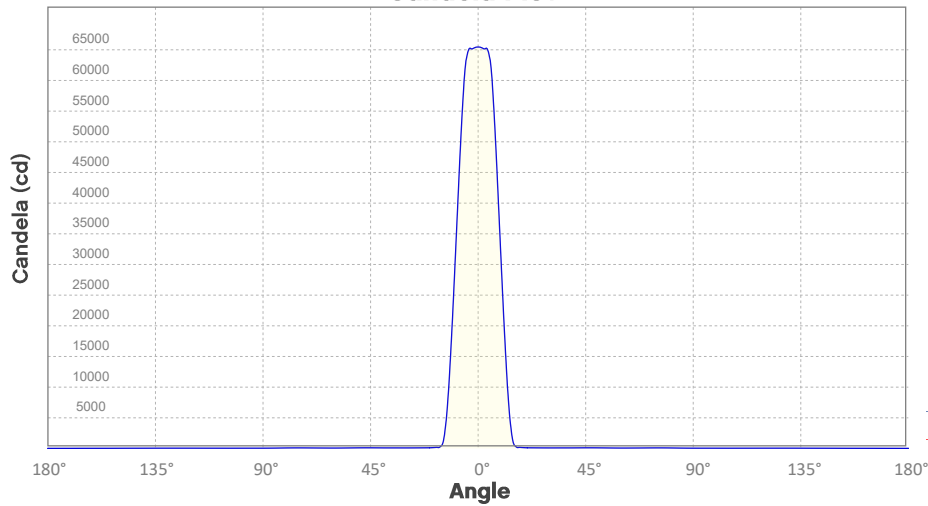
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	65410	16353	7268	4088	2616	1817	1335	1022	808	654
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	541	454	387	334	291	256	226	202	181	164
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	6077	1519	675	380	243	169	124	95	75	61
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	50	42	36	31	27	24	21	19	17	15

Photometric Report

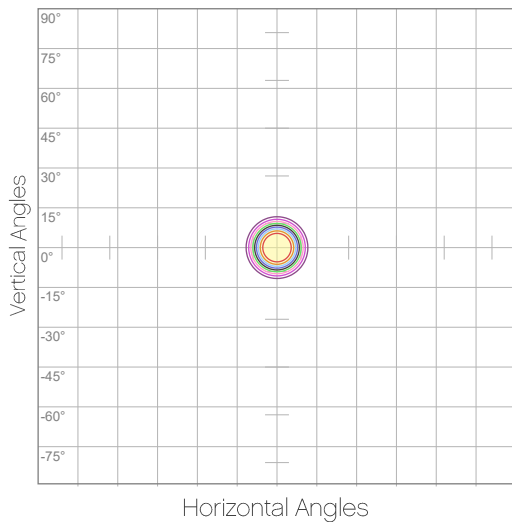
Rogue R2X VW: 50% Zoom, 3200K

Candela Plot



Beam Angle (50%): 18.7°
Field Angle (10%): 25.8°
Cutoff Angle (3%): 28.7°

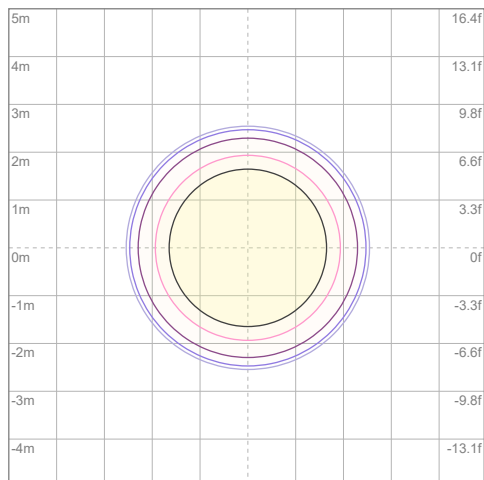
Polar Diagrams



iso-candela Diagram

10%	6541 cd
20%	13082 cd
30%	19623 cd
40%	26164 cd
50%	32705 cd
60%	39246 cd
70%	45787 cd
80%	52328 cd
90%	58869 cd

Conditions:
Number of c-planes: 2
Candela at center: 65410 cd



iso-illuminance Diagram

3%	19.6 lx
5%	32.7 lx
10%	65.4 lx
30%	196 lx
50%	327 lx

Conditions:
Number of c-planes: 2
Lux at center: 654 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: Full Spot, Full Power

Report Summary

Output

Total Lumens: 9580 lm
Peak Intensity: 362465 cd
Illuminance @ 5m: 14499 lux
Fixture Efficacy: 30 lm/W

Optical

Horizontal Beam Angle (50%): 8.2°
Vertical Beam Angle (50%): 8.2°
Horizontal Field Angle (10%): 11.3°
Vertical Field Angle (10%): 11.3°
Horizontal Cutoff Angle (3%): 17.1°
Vertical Cutoff Angle (3%): 17.1°



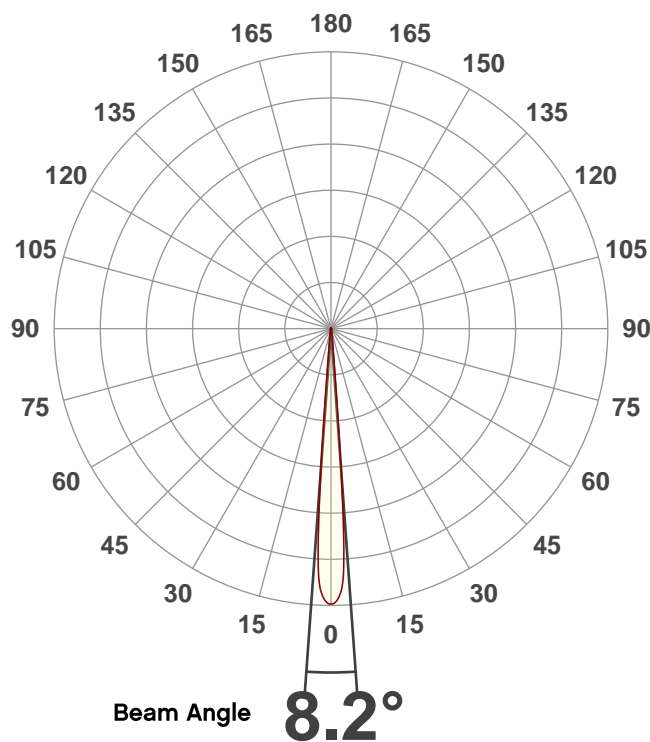
Conditions

AC Supply: 117 V, 60 Hz
Power: 327.73 W
Current: 2.80 A
Power Factor: 0.99

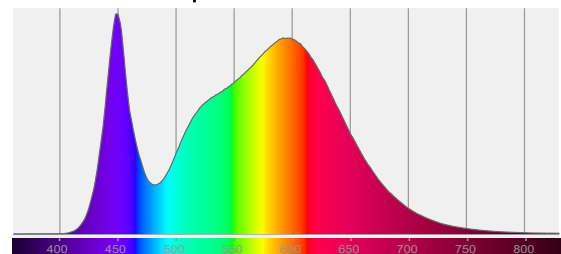
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Overall Measurement

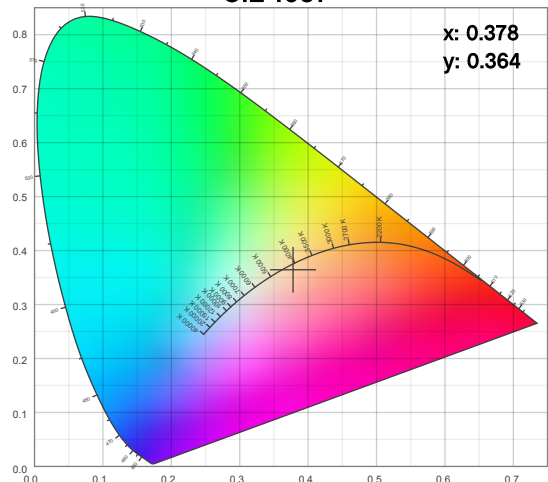
Angular Beam Distribution



Spectral Distribution



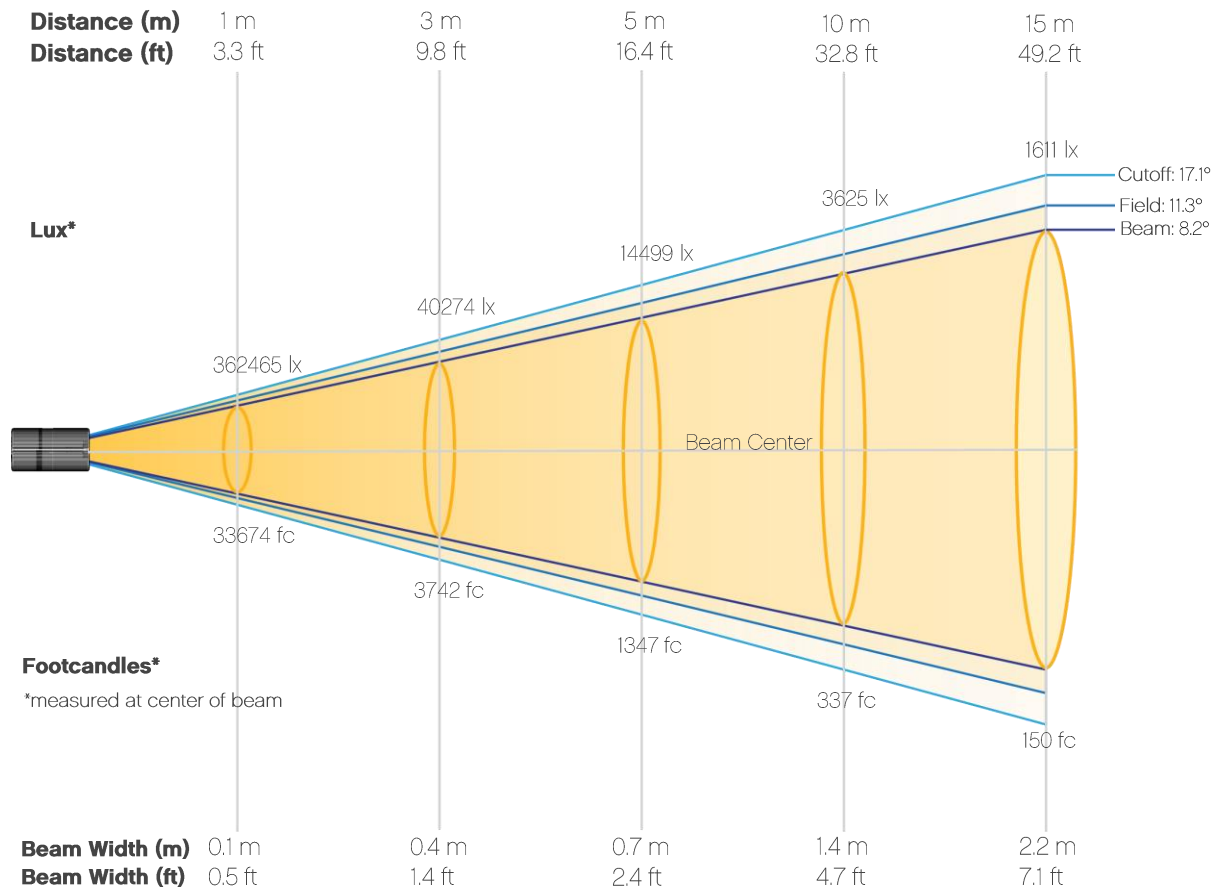
CIE 1931



Photometric Report

Rogue R2X VW: Full Spot, Full Power

Beam Details



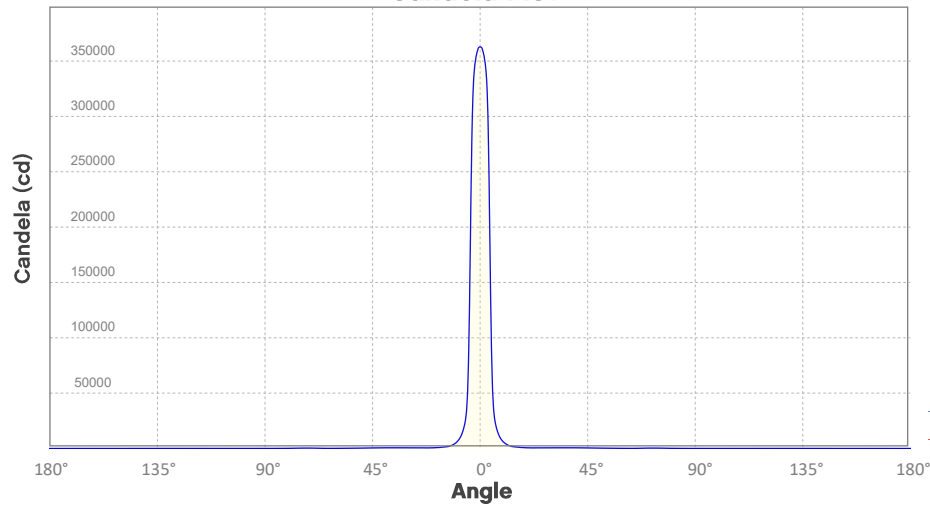
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	362465	90616	40274	22654	14499	10068	7397	5664	4475	3625
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2996	2517	2145	1849	1611	1416	1254	1119	1004	906
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	33674	8419	3742	2105	1347	935	687	526	416	337
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	278	234	199	172	150	132	117	104	93	84

Photometric Report

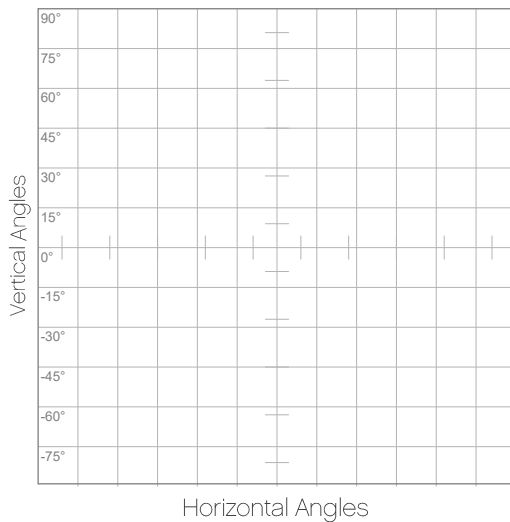
Rogue R2X VW: Full Spot, Full Power

Candela Plot



Beam Angle (50%): 8.2°
Field Angle (10%): 11.3°
Cutoff Angle (3%): 17.1°

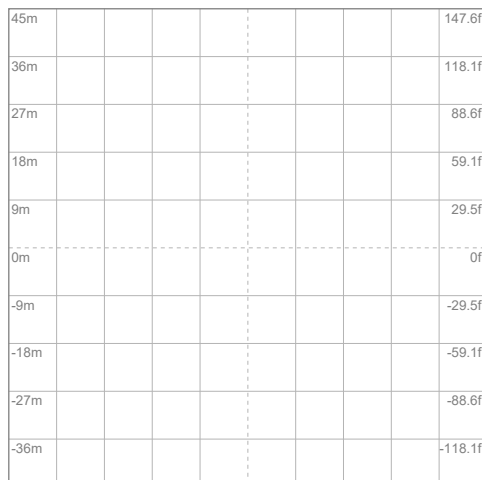
Polar Diagrams



iso-candela Diagram

10%	36246 cd
20%	72493 cd
30%	108739 cd
40%	144986 cd
50%	181232 cd
60%	217479 cd
70%	253725 cd
80%	289972 cd
90%	326218 cd

Conditions:
Number of c-planes: 2
Candela at center: 362465 cd



iso-illuminance Diagram

3%	109 lx
5%	181 lx
10%	362 lx
30%	1087 lx
50%	1812 lx

Conditions:
Number of c-planes: 2
Lux at center: 3625 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: Full Spot, Cool white Only

Report Summary

Output

Total Lumens: 7447 lm
Peak Intensity: 283919 cd
Illuminance @ 5m: 11357 lux
Fixture Efficacy: 31 lm/W

Optical

Horizontal Beam Angle (50%): 8.2°
Vertical Beam Angle (50%): 8.2°
Horizontal Field Angle (10%): 11.3°
Vertical Field Angle (10%): 11.3°
Horizontal Cutoff Angle (3%): 17.1°
Vertical Cutoff Angle (3%): 17.1°



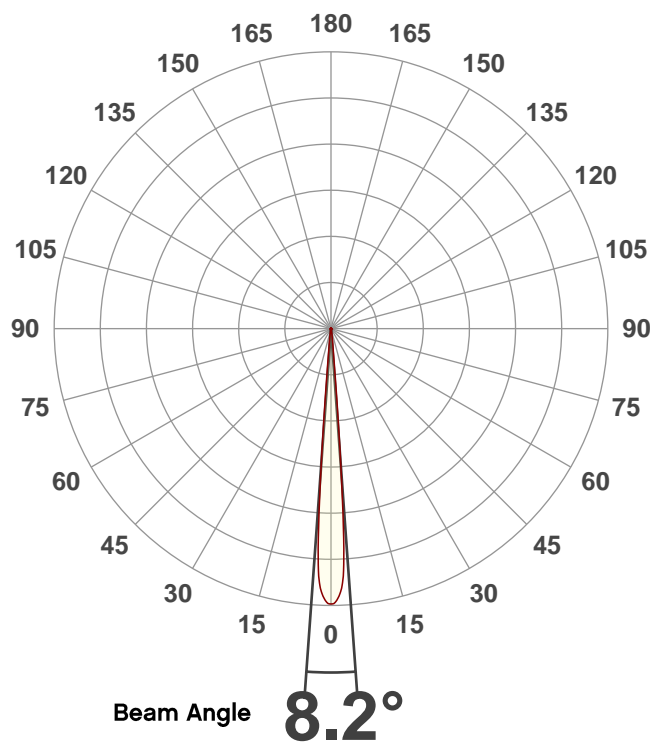
Conditions

AC Supply: 118 V, 60 Hz
Power: 239.54 W
Current: 2.04 A
Power Factor: 0.99

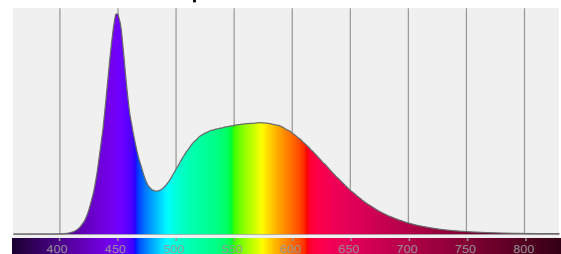
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Overall Measurement

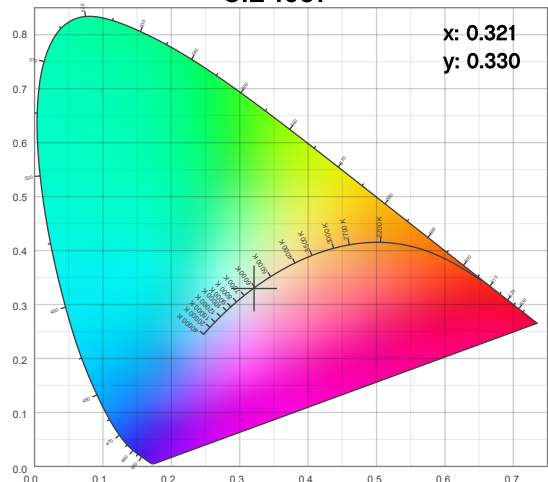
Angular Beam Distribution



Spectral Distribution



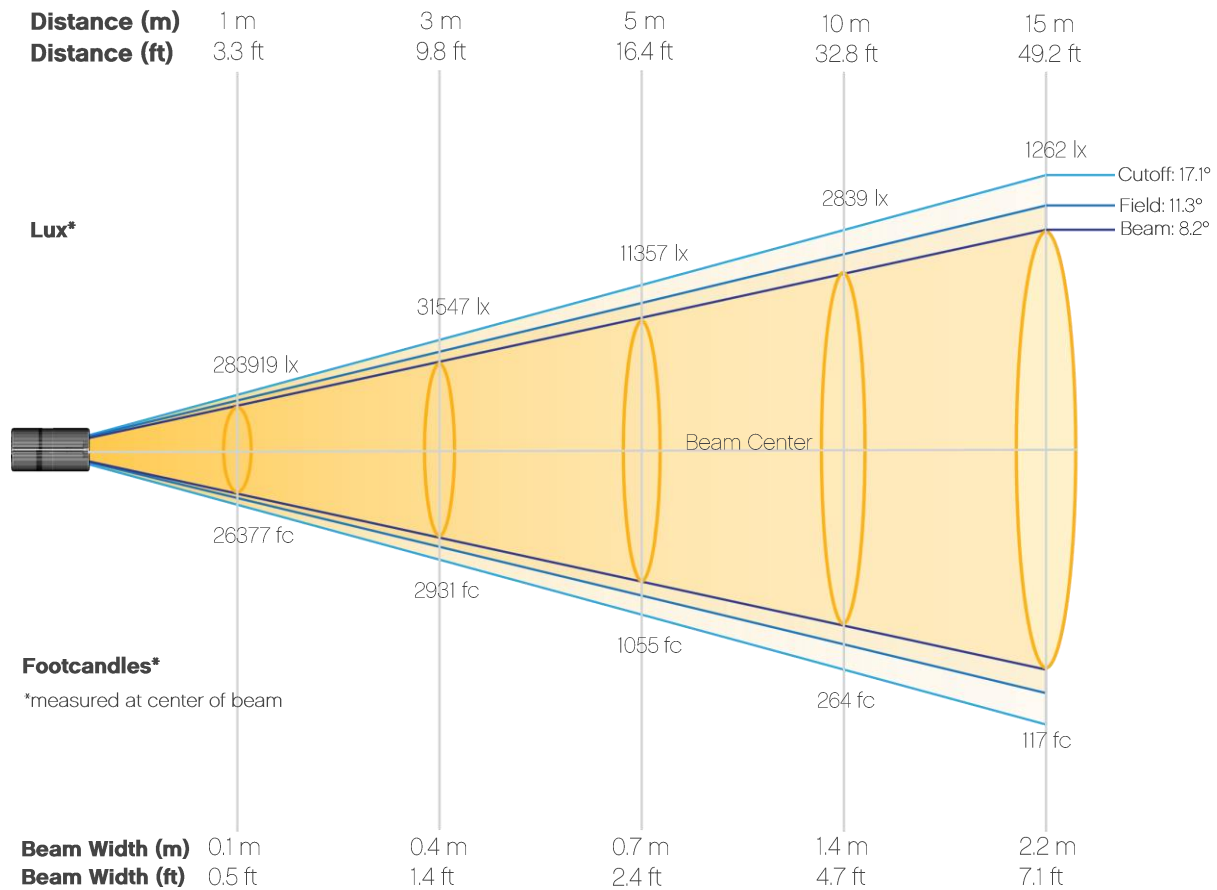
CIE 1931



Photometric Report

Rogue R2X VW: Full Spot, Cool white Only

Beam Details

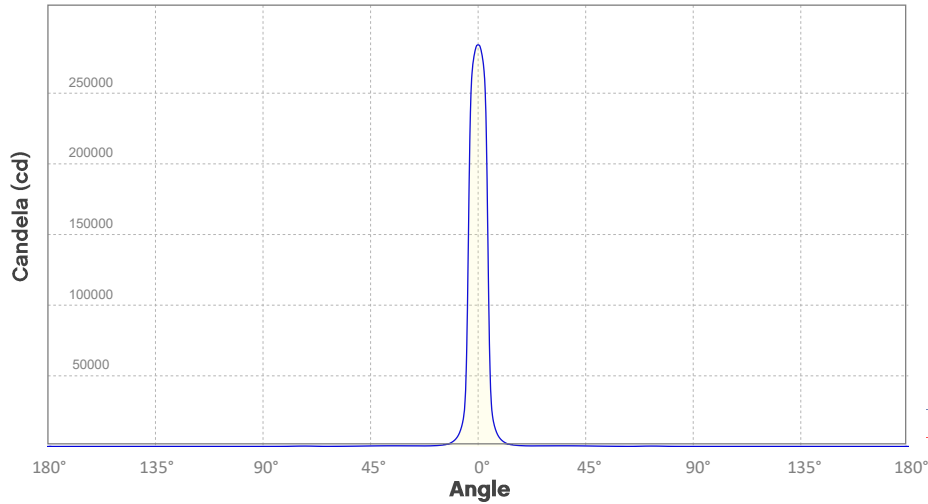


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	283919	70980	31547	17745	11357	7887	5794	4436	3505	2839
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2346	1972	1680	1449	1262	1109	982	876	786	710
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	26377	6594	2931	1649	1055	733	538	412	326	264
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	218	183	156	135	117	103	91	81	73	66

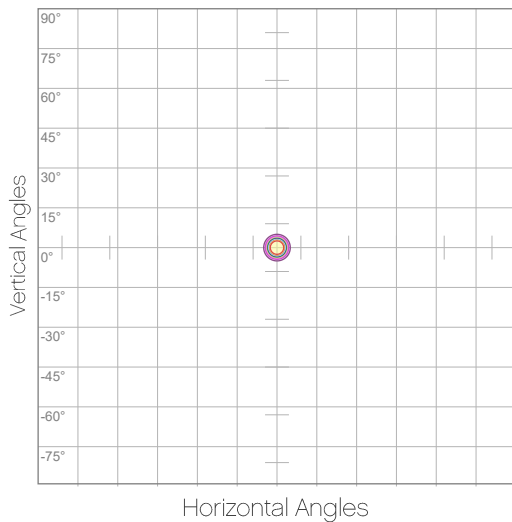
Photometric Report

Rogue R2X VW: Full Spot, Cool white Only
Candela Plot



Beam Angle (50%): 8.2°
Field Angle (10%): 11.3°
Cutoff Angle (3%): 17.1°

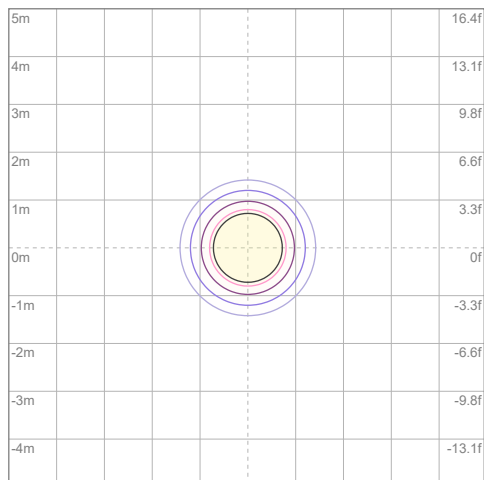
Polar Diagrams



iso-candela Diagram

10%	28392 cd
20%	56784 cd
30%	85176 cd
40%	113568 cd
50%	141960 cd
60%	170352 cd
70%	198744 cd
80%	227135 cd
90%	255527 cd

Conditions:
Number of c-planes: 2
Candela at center: 283919 cd



iso-illuminance Diagram

3%	85.2 lx
5%	142 lx
10%	284 lx
30%	852 lx
50%	1420 lx

Conditions:
Number of c-planes: 2
Lux at center: 2839 lx

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

Mounting height: 10 meters / 33 feet

Photometric Report

Rogue R2X VW: Full Spot, Warm white Only

Report Summary

Output

Total Lumens: 6757 lm
Peak Intensity: 254208 cd
Illuminance @ 5m: 10168 lux
Fixture Efficacy: 28 lm/W

Optical

Horizontal Beam Angle (50%): 8.2°
Vertical Beam Angle (50%): 8.2°
Horizontal Field Angle (10%): 11.3°
Vertical Field Angle (10%): 11.3°
Horizontal Cutoff Angle (3%): 17.1°
Vertical Cutoff Angle (3%): 17.1°



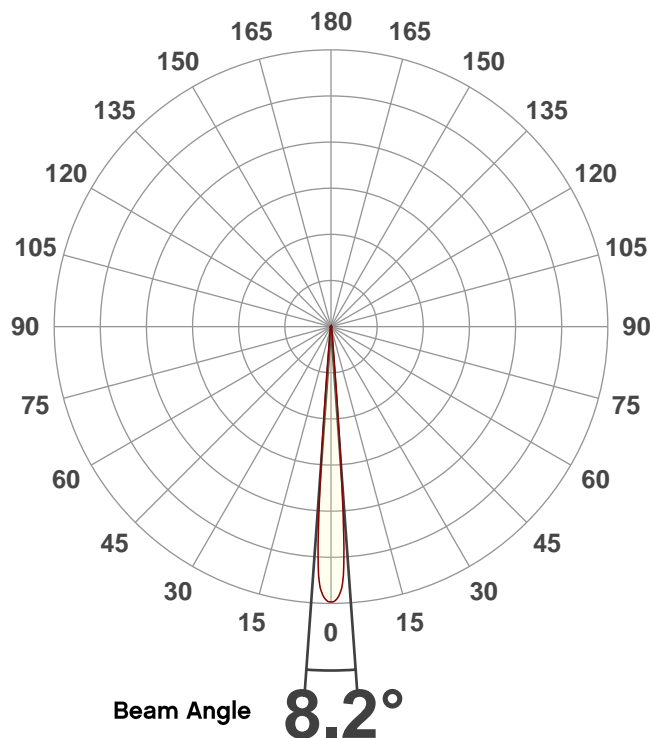
Conditions

AC Supply: 117 V, 60 Hz
Power: 239.56 W
Current: 2.04 A
Power Factor: 0.99

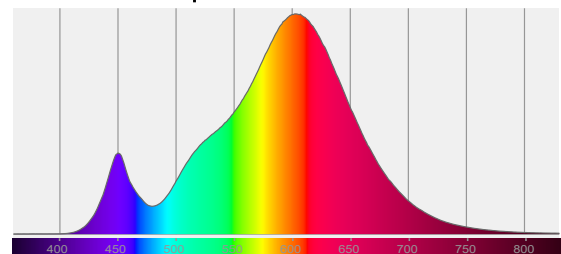
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Overall Measurement

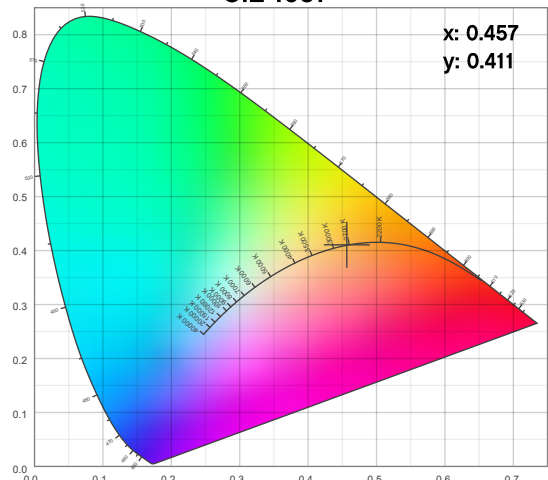
Angular Beam Distribution



Spectral Distribution



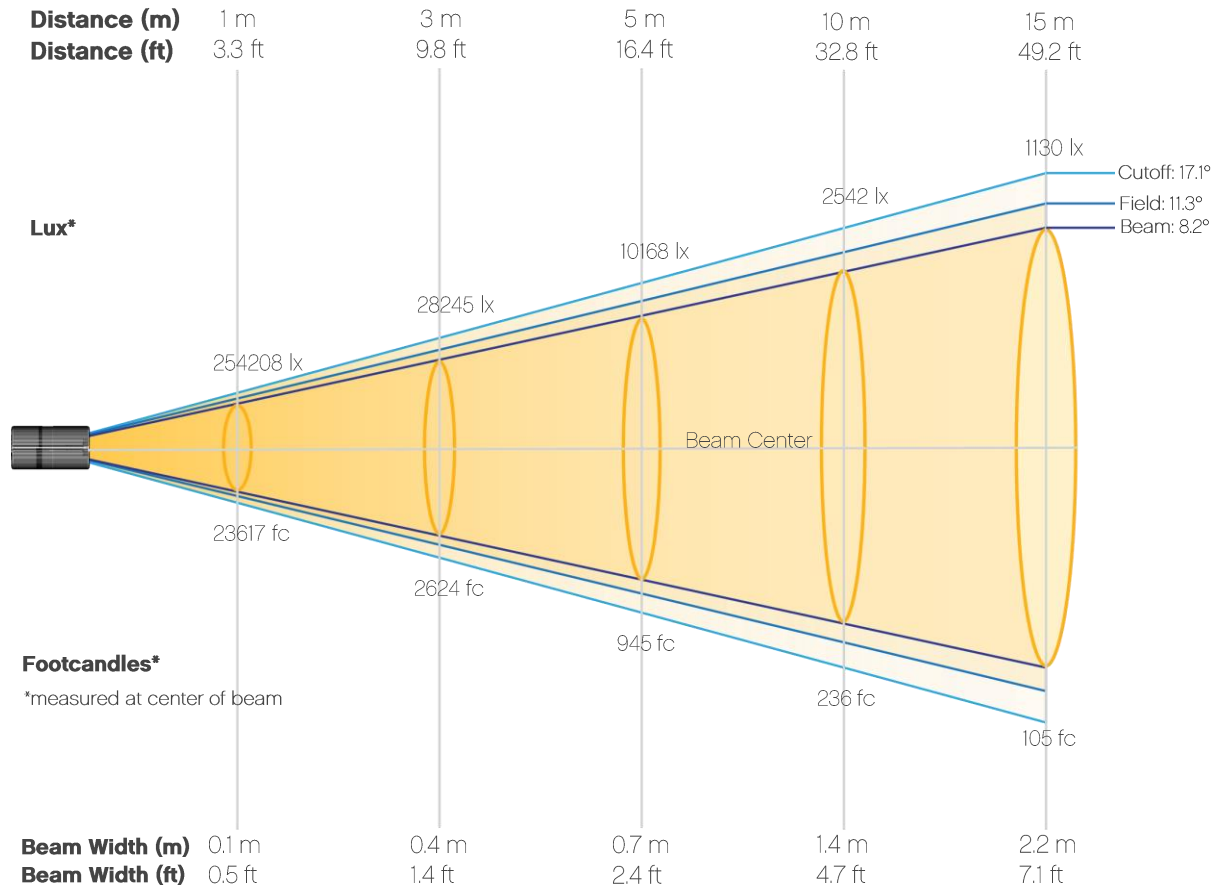
CIE 1931



Photometric Report

Rogue R2X VW: Full Spot, Warm white Only

Beam Details



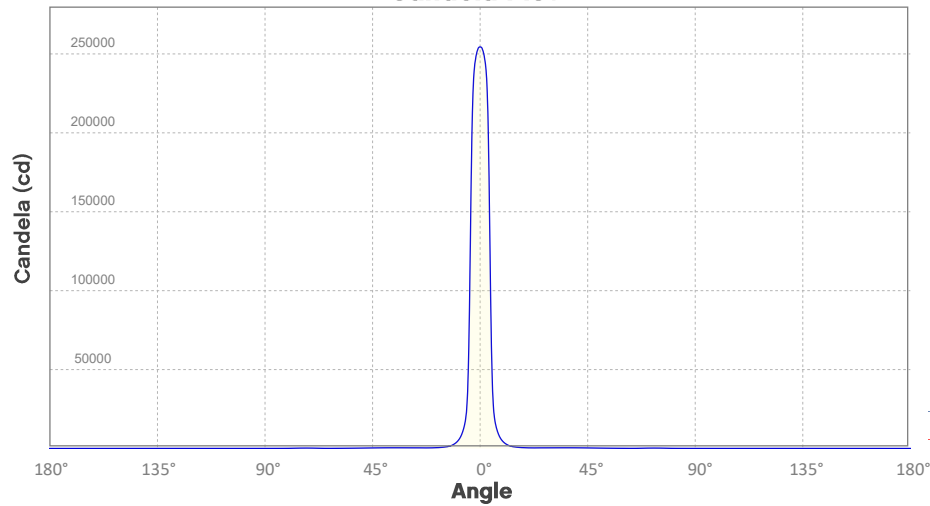
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	254208	63552	28245	15888	10168	7061	5188	3972	3138	2542
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2101	1765	1504	1297	1130	993	880	785	704	636
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	23617	5904	2624	1476	945	656	482	369	292	236
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	195	164	140	120	105	92	82	73	65	59

Photometric Report

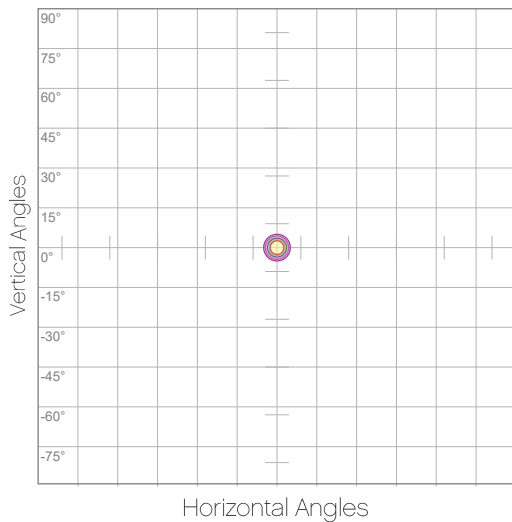
Rogue R2X VW: Full Spot, Warm white Only

Candela Plot



Beam Angle (50%): 8.2°
Field Angle (10%): 11.3°
Cutoff Angle (3%): 17.1°

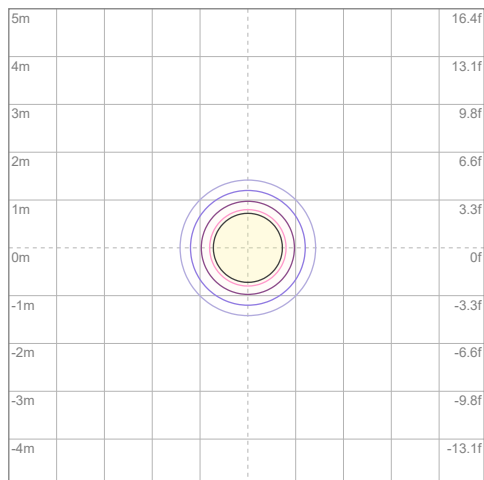
Polar Diagrams



iso-candela Diagram

10%	25421 cd
20%	50842 cd
30%	76262 cd
40%	101683 cd
50%	127104 cd
60%	152525 cd
70%	177946 cd
80%	203367 cd
90%	228787 cd

Conditions:
Number of c-planes: 2
Candela at center: 254208 cd



iso-illuminance Diagram

3%	76.3 lx
5%	127 lx
10%	254 lx
30%	763 lx
50%	1271 lx

Conditions:
Number of c-planes: 2
Lux at center: 2542 lx

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

Mounting height: 10 meters / 33 feet

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
5200 NW 108 th Ave. Sunrise, FL 33351 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetprofessional.com
Chauvet Europe Ltd	
Unit 1C Brookhill Road Industrial Estate Pinxton, Nottingham, UK NG16 6NT Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Europe BVBA	
Stokstraat 18 9770 Kruishoutem, Belgium Voice: +32 (9) 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet France	
3, Rue Ampère 91380 Chilly-Mazarin, France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
Bruno-Bürgel-Str. 11 28759 Bremen, Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvetlighting.de Website: www.chauvetprofessional.eu

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.