

PHOTOMETRICS REPORT

ROGUE



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Testing Process

Total Illuminance Measurements

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

Testing Lab Equipment and Process

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

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

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

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

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

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

ROGUE



Photometrics & Chromaticity Reports

Photometric Report

Rogue R3X Wash: Full Flood, Full Power

Report Summary

Output

Total Lumens: 13440 lm
Peak Intensity: 38895 cd
Illuminance @ 5m: 1556 lux
Fixture Efficacy: 21 lm/W

Optical

Horizontal Beam Angle (50%): 33.9°
Vertical Beam Angle (50%): 33.9°
Horizontal Field Angle (10%): 49.5°
Vertical Field Angle (10%): 49.5°
Horizontal Cutoff Angle (3%): 62.6°
Vertical Cutoff Angle (3%): 62.6°



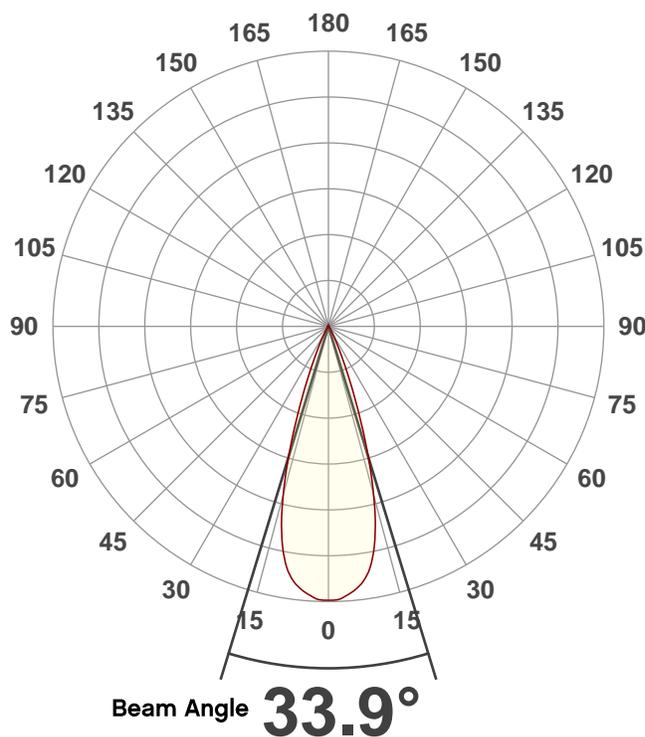
Conditions

AC Supply: 117 V, 60 Hz
Power: 635.83 W
Current: 5.45 A
Power Factor: 1.0

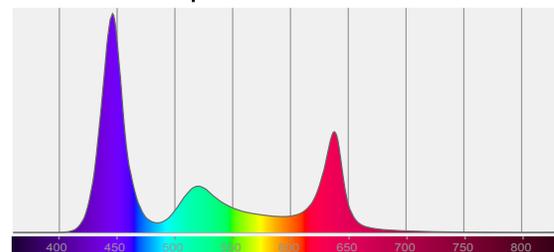
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/1/2020 to LM-63-2002 Standards.

Overall Measurement

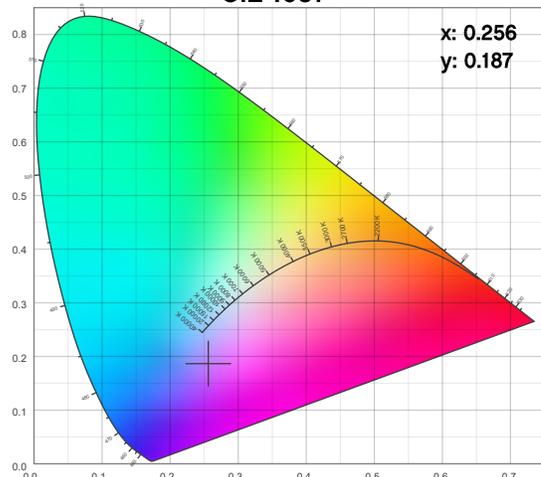
Angular Beam Distribution



Spectral Distribution



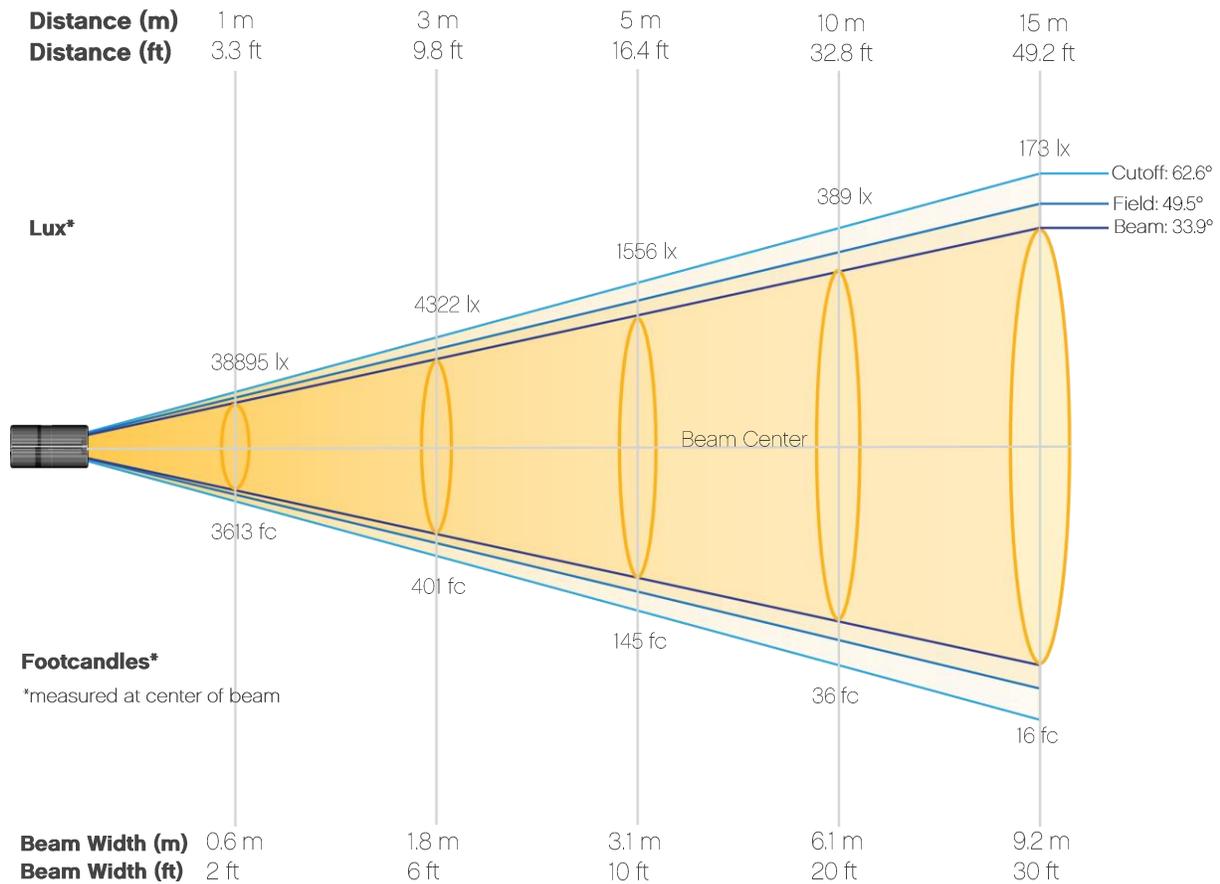
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, Full Power

Beam Details



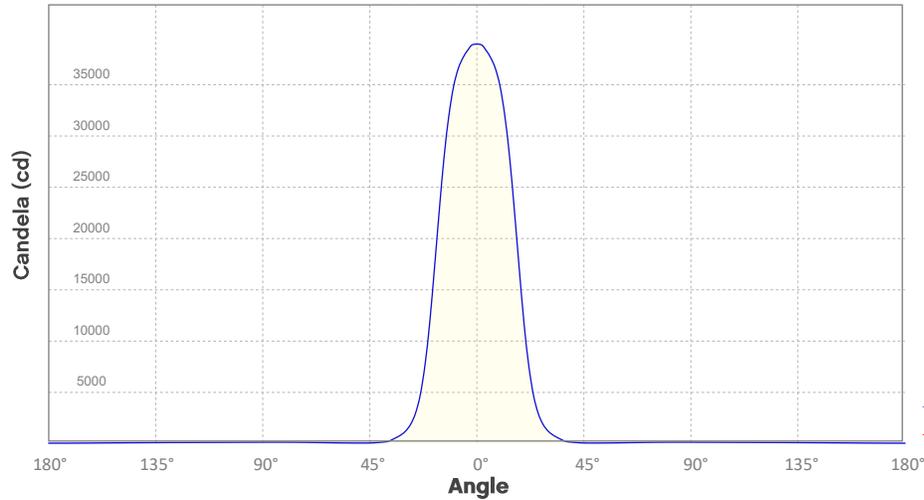
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	38895	9724	4322	2431	1556	1080	794	608	480	389
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	321	270	230	198	173	152	135	120	108	97
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3613	903	401	226	145	100	74	56	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	21	18	16	14	13	11	10	9

Photometric Report

Rogue R3X Wash: Full Flood, Full Power

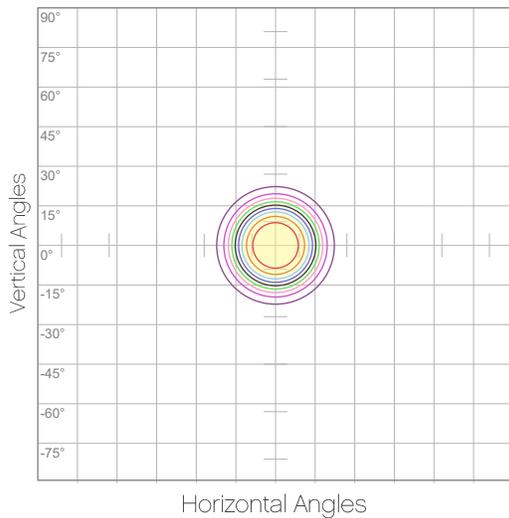
Candela Plot



Beam Angle (50%): 33.9°
Field Angle (10%): 49.5°
Cutoff Angle (3%): 62.6°

— Horizontal Distribution
— Vertical Distribution

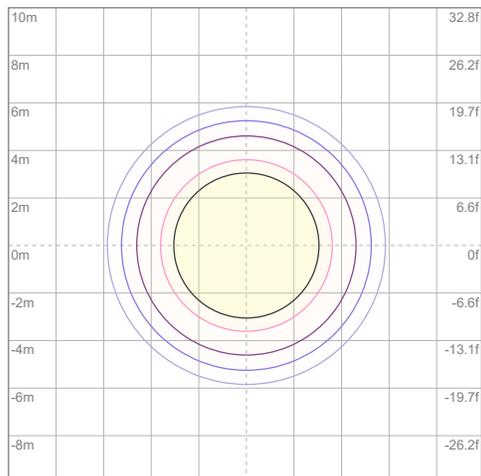
Polar Diagrams



iso-candela Diagram

10%	3890 cd
20%	7779 cd
30%	11669 cd
40%	15558 cd
50%	19448 cd
60%	23337 cd
70%	27227 cd
80%	31116 cd
90%	35006 cd

Conditions:
Number of c-planes: 2
Candela at center: 38895 cd



iso-illuminance Diagram

3%	11.7 lx
5%	19.4 lx
10%	38.9 lx
30%	117 lx
50%	194 lx

Conditions:
Number of c-planes: 2
Lux at center: 389 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 R3X Wash: Full Flood, Red Only

Report Summary

Output

Total Lumens: 3440 lm
Peak Intensity: 10308 cd
Illuminance @ 5m: 412 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 33.1°
Vertical Beam Angle (50%): 33.1°
Horizontal Field Angle (10%): 48.4°
Vertical Field Angle (10%): 48.4°
Horizontal Cutoff Angle (3%): 61.7°
Vertical Cutoff Angle (3%): 61.7°



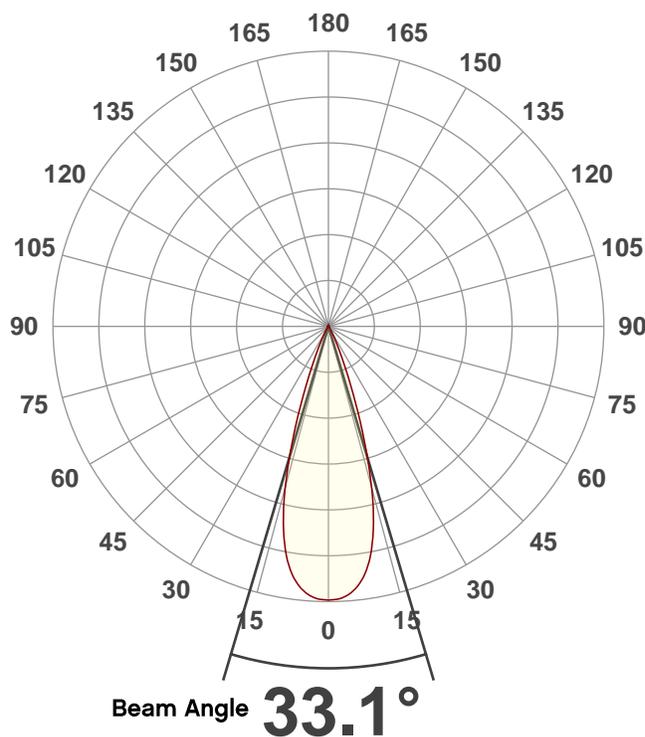
Conditions

AC Supply: 120 V, 60 Hz
Power: 219.18 W
Current: 1.83 A
Power Factor: 0.98

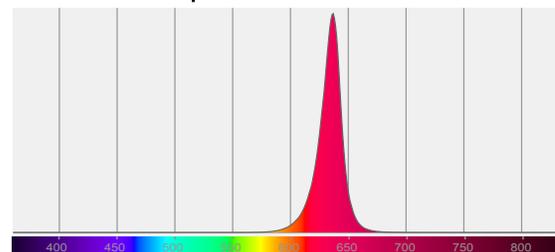
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Overall Measurement

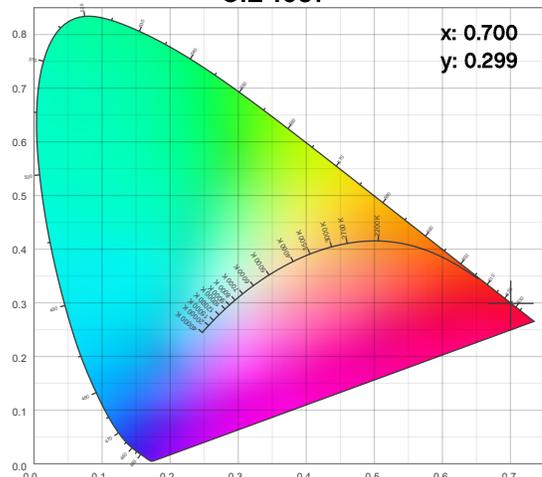
Angular Beam Distribution



Spectral Distribution



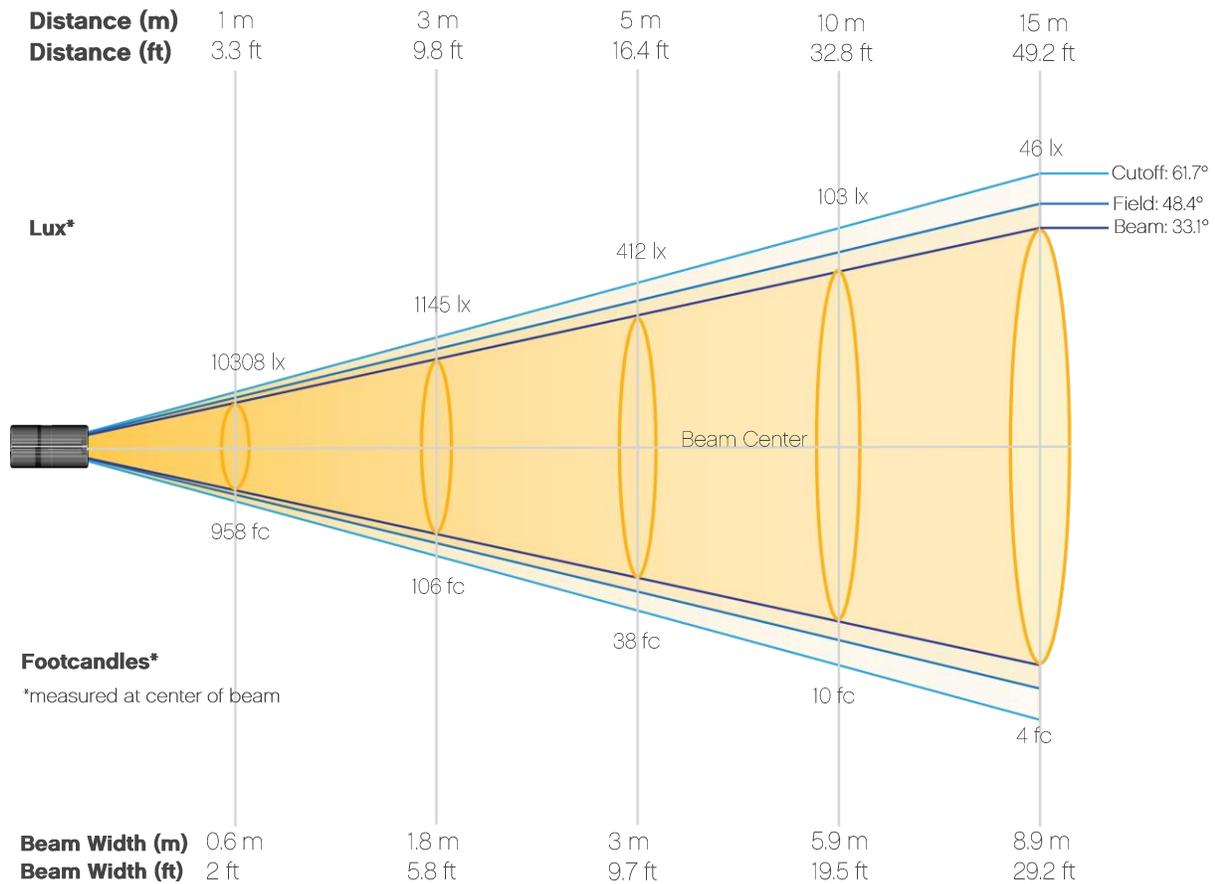
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, Red Only

Beam Details



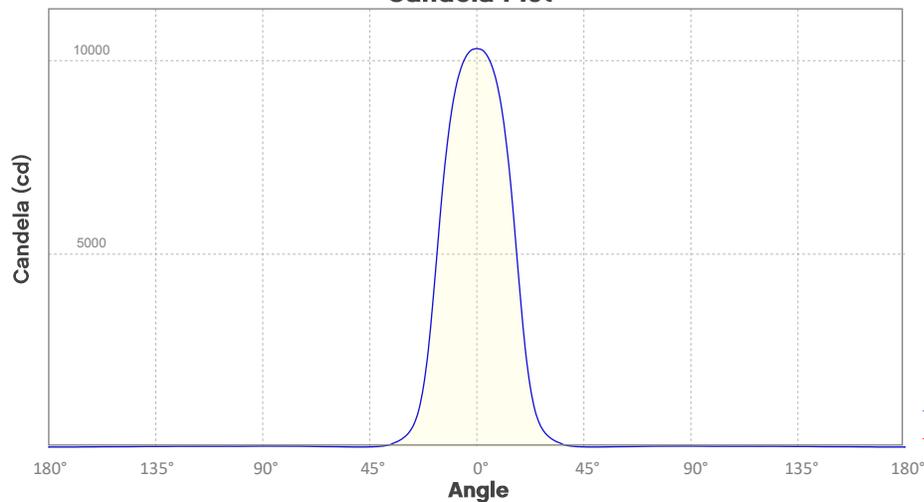
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	10308	2577	1145	644	412	286	210	161	127	103
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	85	72	61	53	46	40	36	32	29	26
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	958	239	106	60	38	27	20	15	12	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	4	4	3	3	3	2

Photometric Report

Rogue R3X Wash: Full Flood, Red Only

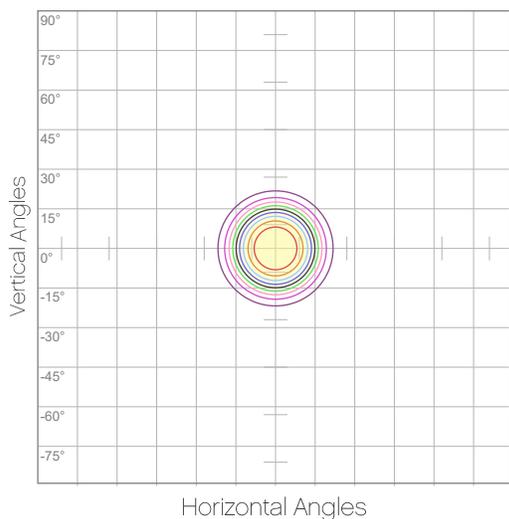
Candela Plot



Beam Angle (50%): 33.1°
 Field Angle (10%): 48.4°
 Cutoff Angle (3%): 61.7°

— Horizontal Distribution
 — Vertical Distribution

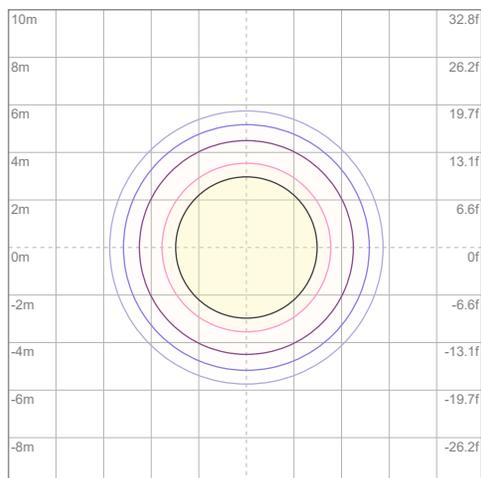
Polar Diagrams



iso-candela Diagram

10%	1031 cd
20%	2062 cd
30%	3092 cd
40%	4123 cd
50%	5154 cd
60%	6185 cd
70%	7215 cd
80%	8246 cd
90%	9277 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 10308 cd



iso-illuminance Diagram

3%	3.09 lx
5%	5.15 lx
10%	10.3 lx
30%	30.9 lx
50%	51.5 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 103 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 R3X Wash: Full Flood, Green Only

Report Summary

Output

Total Lumens: 5966 lm
Peak Intensity: 17898 cd
Illuminance @ 5m: 716 lux
Fixture Efficacy: 22 lm/W

Optical

Horizontal Beam Angle (50%): 33.1°
Vertical Beam Angle (50%): 33.1°
Horizontal Field Angle (10%): 48.8°
Vertical Field Angle (10%): 48.8°
Horizontal Cutoff Angle (3%): 62°
Vertical Cutoff Angle (3%): 62°



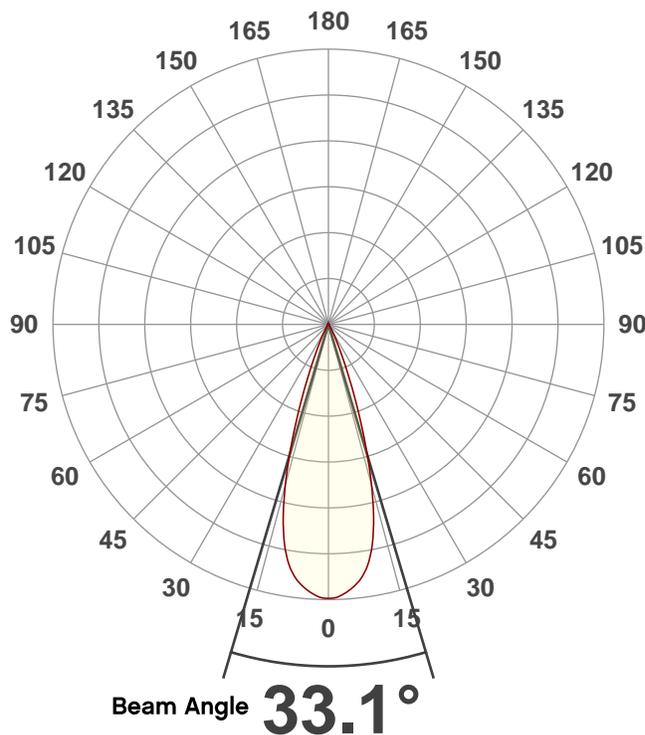
Conditions

AC Supply: 119 V, 60 Hz
Power: 276.44 W
Current: 2.32 A
Power Factor: 0.98

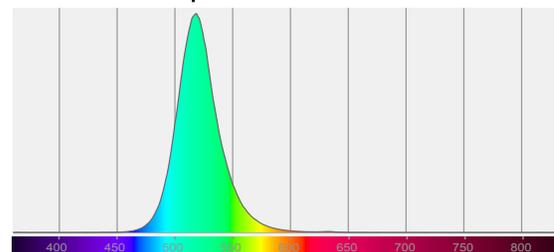
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Overall Measurement

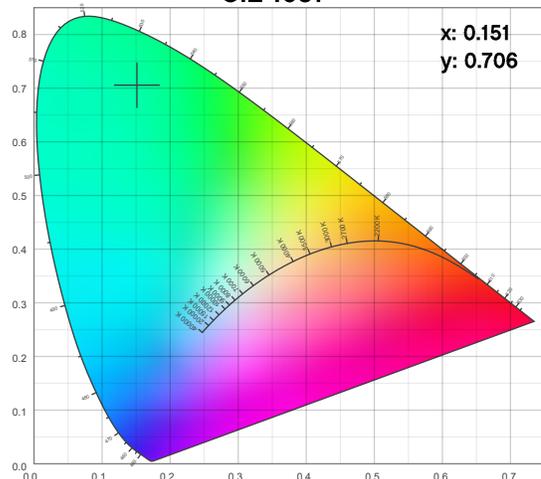
Angular Beam Distribution



Spectral Distribution



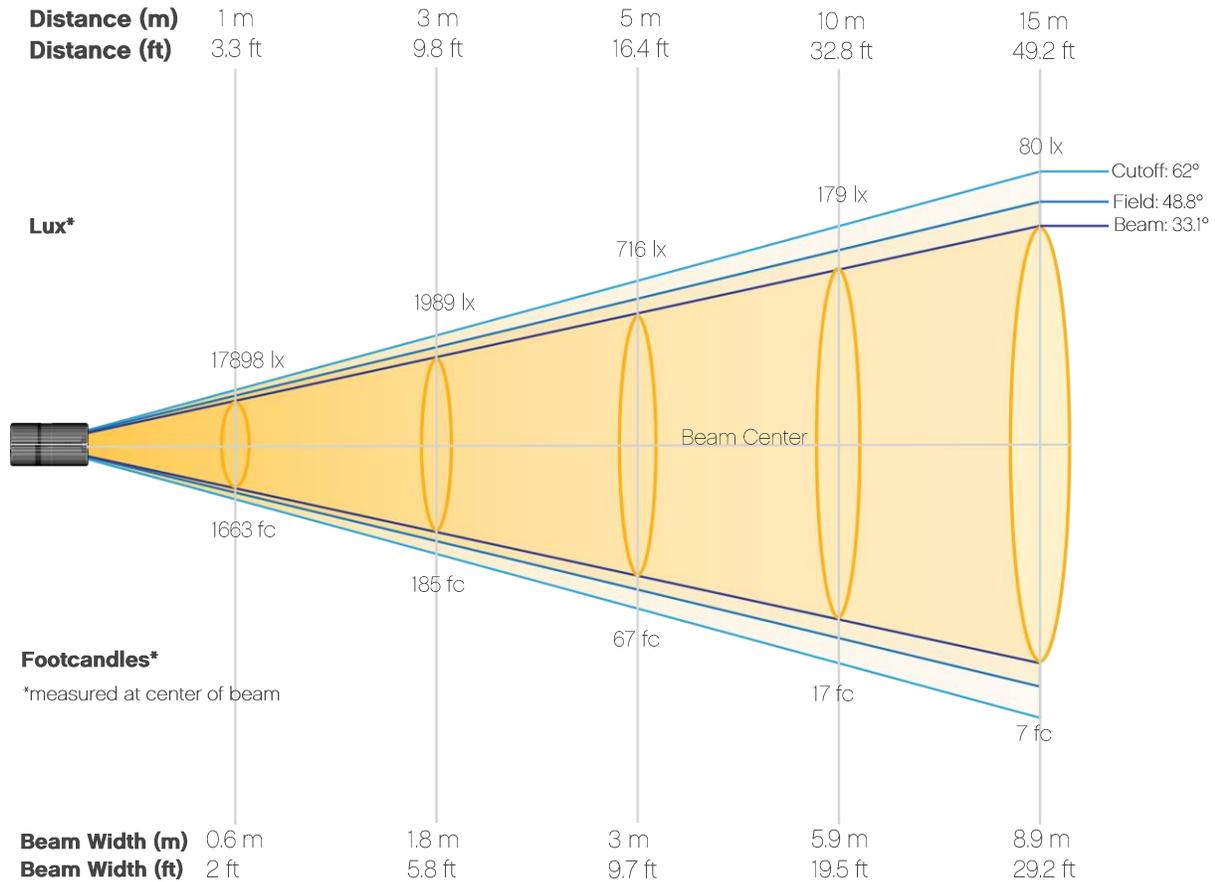
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, Green Only

Beam Details



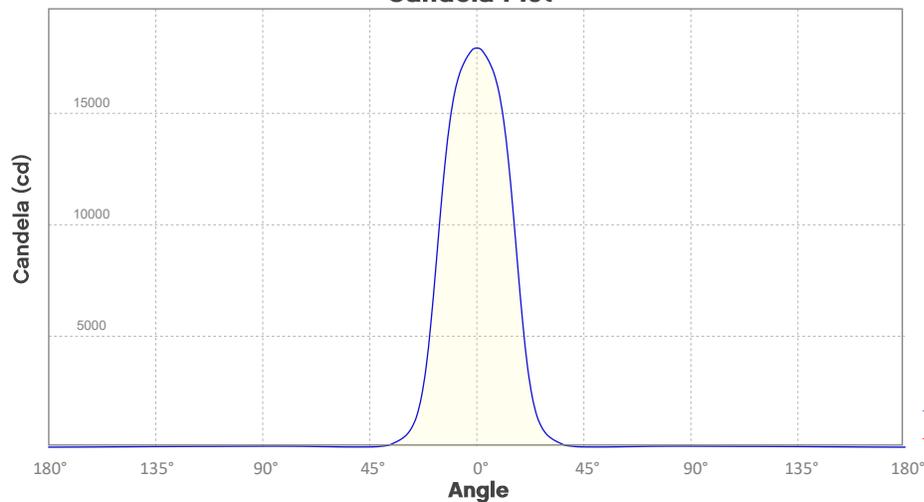
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	17898	4474	1989	1119	716	497	365	280	221	179
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	148	124	106	91	80	70	62	55	50	45
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1663	416	185	104	67	46	34	26	21	17
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	14	12	10	8	7	6	6	5	5	4

Photometric Report

Rogue R3X Wash: Full Flood, Green Only

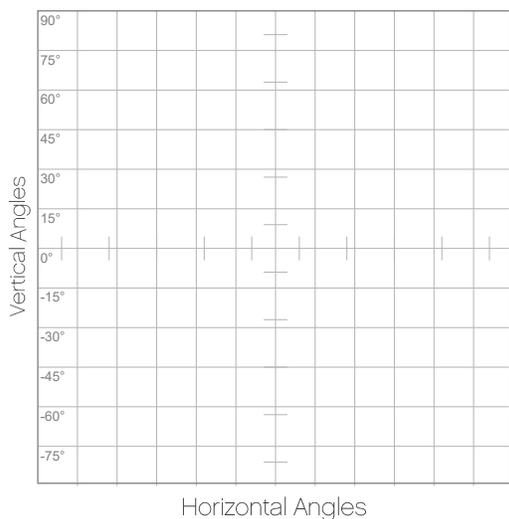
Candela Plot



Beam Angle (50%): 33.1°
Field Angle (10%): 48.8°
Cutoff Angle (3%): 62°

— Horizontal Distribution
— Vertical Distribution

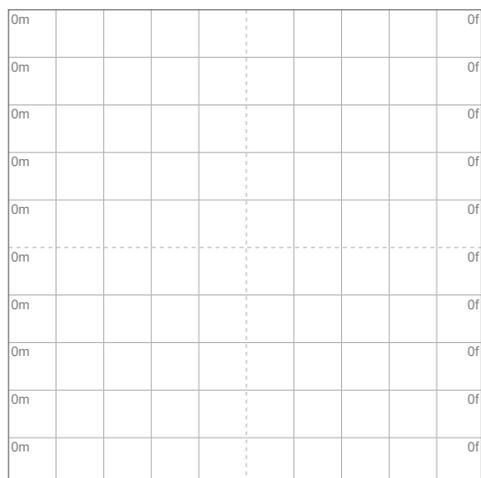
Polar Diagrams



iso-candela Diagram

10%	1790 cd
20%	3580 cd
30%	5369 cd
40%	7159 cd
50%	8949 cd
60%	10739 cd
70%	12528 cd
80%	14318 cd
90%	16108 cd

Conditions:
Number of c-planes: 2
Candela at center: 17898 cd



iso-illuminance Diagram

3%	5.37 lx
5%	8.95 lx
10%	17.9 lx
30%	53.7 lx
50%	89.5 lx

Conditions:
Number of c-planes: 2
Lux at center: 179 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 R3X Wash: Full Flood, Blue Only

Report Summary

Output

Total Lumens: 1702 lm
Peak Intensity: 4892 cd
Illuminance @ 5m: 196 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 33.3°
Vertical Beam Angle (50%): 33.3°
Horizontal Field Angle (10%): 49.1°
Vertical Field Angle (10%): 49.1°
Horizontal Cutoff Angle (3%): 62.2°
Vertical Cutoff Angle (3%): 62.2°



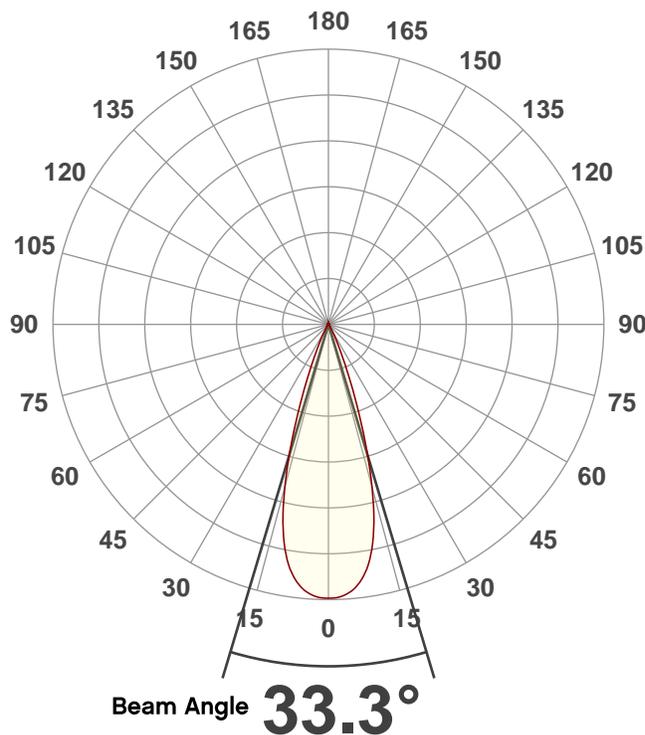
Conditions

AC Supply: 119 V, 60 Hz
Power: 254.56 W
Current: 2.14 A
Power Factor: 0.98

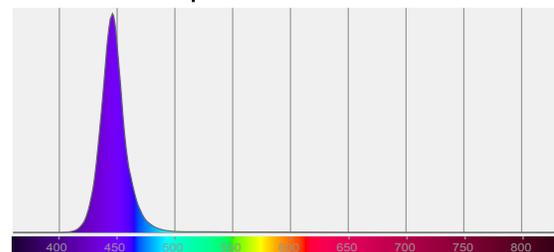
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Overall Measurement

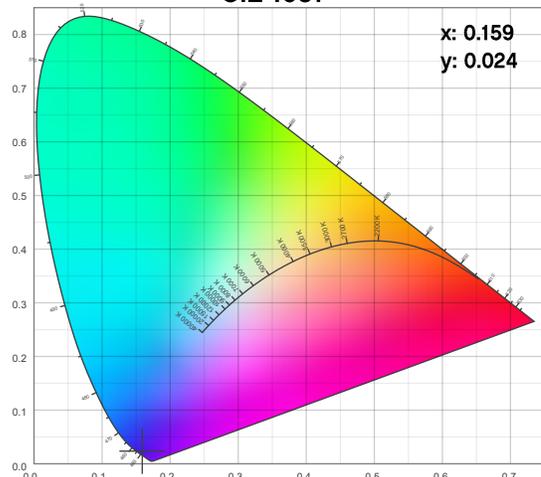
Angular Beam Distribution



Spectral Distribution



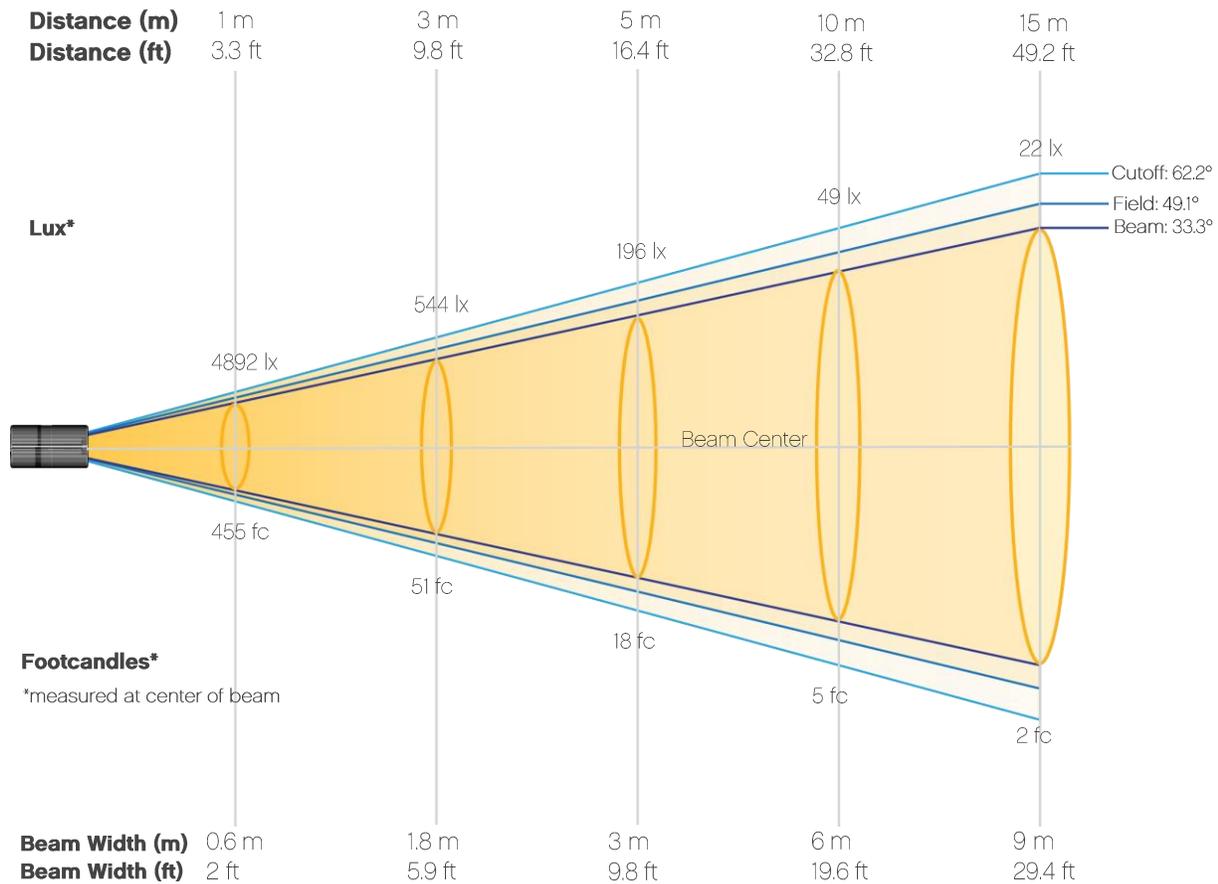
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, Blue Only

Beam Details

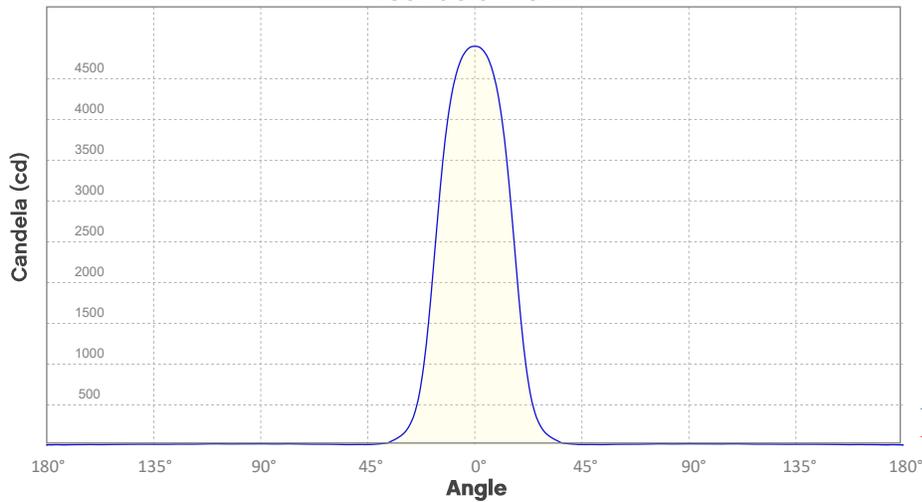


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	4892	1223	544	306	196	136	100	76	60	49
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	40	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	455	114	51	28	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

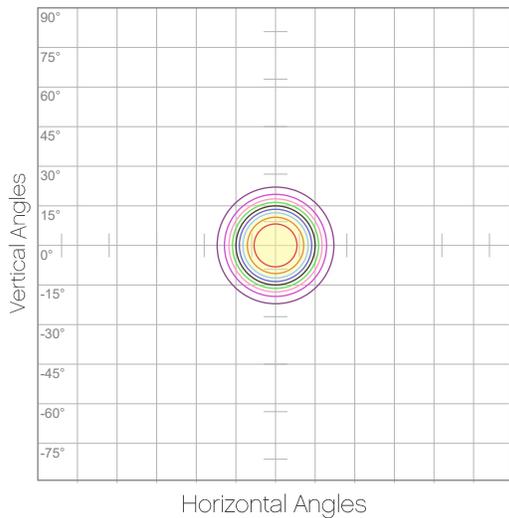
Rogue R3X Wash: Full Flood, Blue Only
Candela Plot



Beam Angle (50%): 33.3°
Field Angle (10%): 49.1°
Cutoff Angle (3%): 62.2°

— Horizontal Distribution
— Vertical Distribution

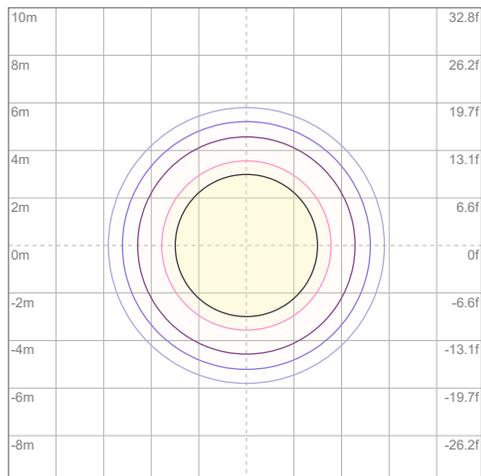
Polar Diagrams



iso-candela Diagram

10%	489 cd
20%	978 cd
30%	1468 cd
40%	1957 cd
50%	2446 cd
60%	2935 cd
70%	3425 cd
80%	3914 cd
90%	4403 cd

Conditions:
Number of c-planes: 2
Candela at center: 4892 cd



iso-illuminance Diagram

3%	1.47 lx
5%	2.45 lx
10%	4.89 lx
30%	14.7 lx
50%	24.5 lx

Conditions:
Number of c-planes: 2
Lux at center: 48.9 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 R3X Wash: Full Flood, White Only

Report Summary

Output

Total Lumens: 9285 lm
Peak Intensity: 25666 cd
Illuminance @ 5m: 1027 lux
Fixture Efficacy: 37 lm/W

Optical

Horizontal Beam Angle (50%): 34.8°
Vertical Beam Angle (50%): 34.8°
Horizontal Field Angle (10%): 50.2°
Vertical Field Angle (10%): 50.2°
Horizontal Cutoff Angle (3%): 63.4°
Vertical Cutoff Angle (3%): 63.4°



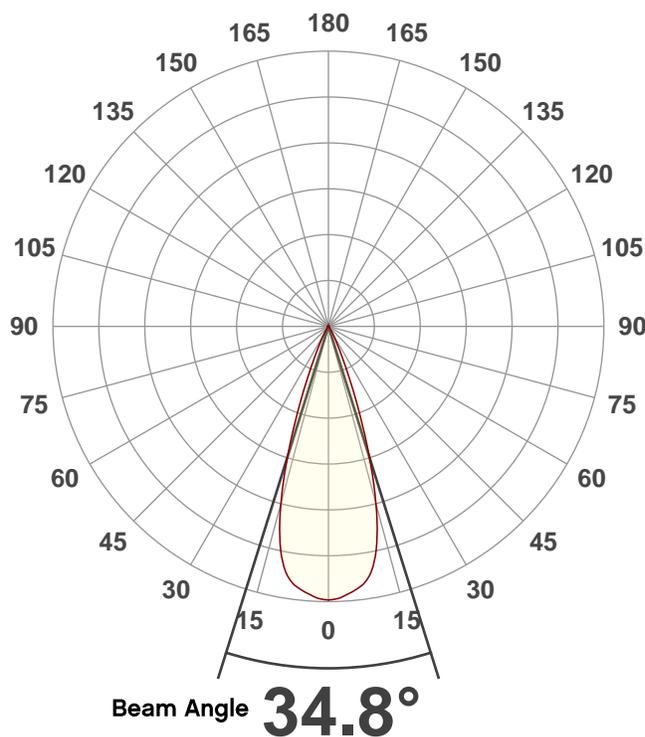
Conditions

AC Supply: 119 V, 60 Hz
Power: 254.38 W
Current: 2.14 A
Power Factor: 0.98

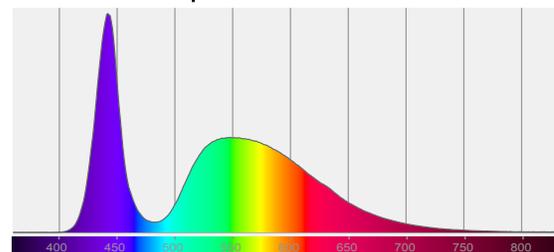
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Overall Measurement

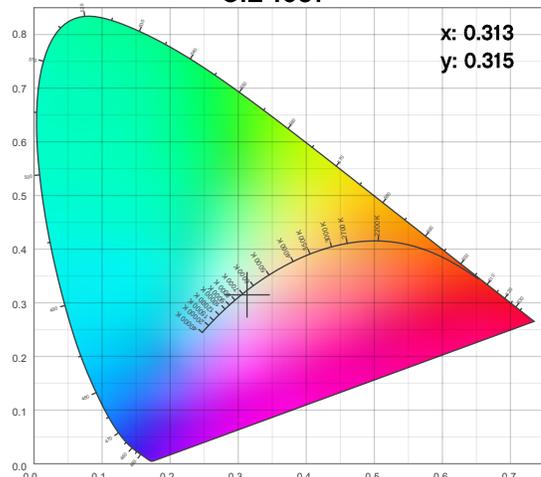
Angular Beam Distribution



Spectral Distribution



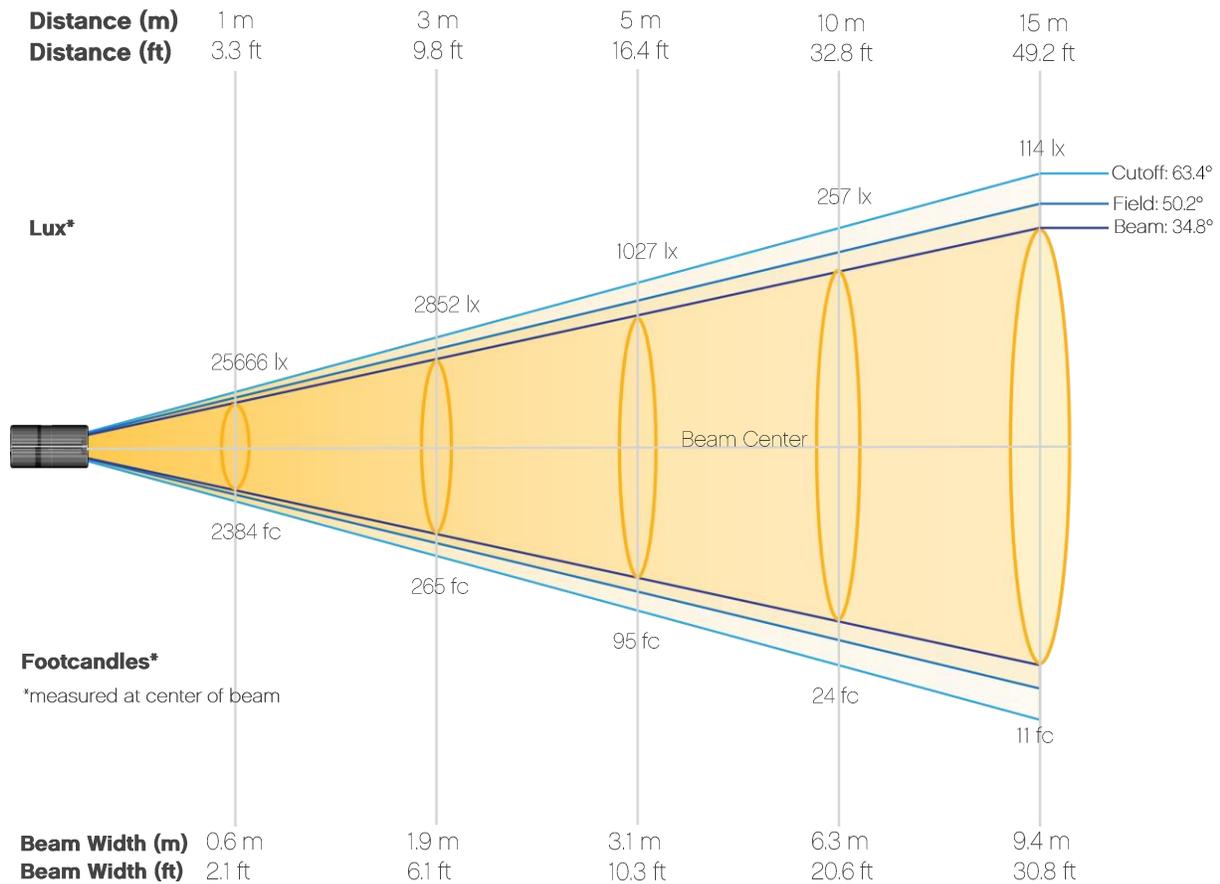
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, White Only

Beam Details



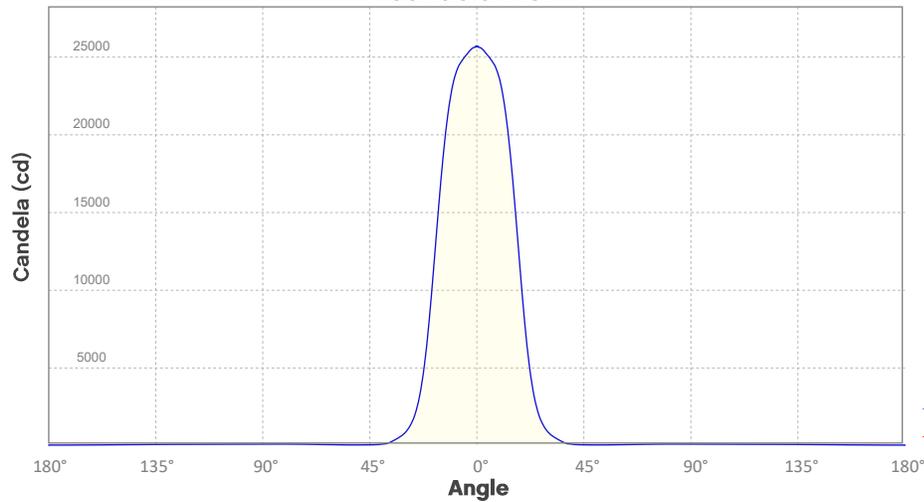
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	25666	6416	2852	1604	1027	713	524	401	317	257
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	212	178	152	131	114	100	89	79	71	64
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2384	596	265	149	95	66	49	37	29	24
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	20	17	14	12	11	9	8	7	7	6

Photometric Report

Rogue R3X Wash: Full Flood, White Only

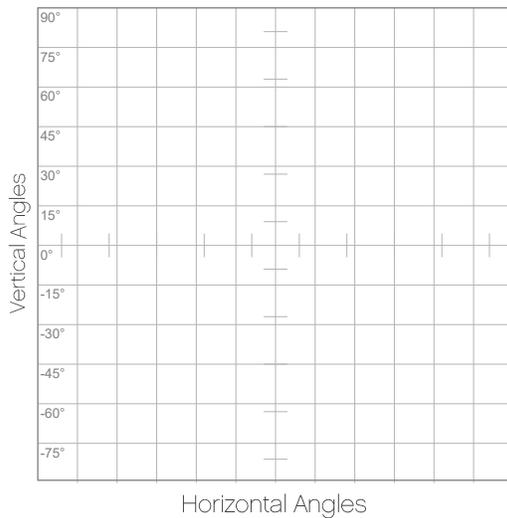
Candela Plot



Beam Angle (50%): 34.8°
Field Angle (10%): 50.2°
Cutoff Angle (3%): 63.4°

— Horizontal Distribution
— Vertical Distribution

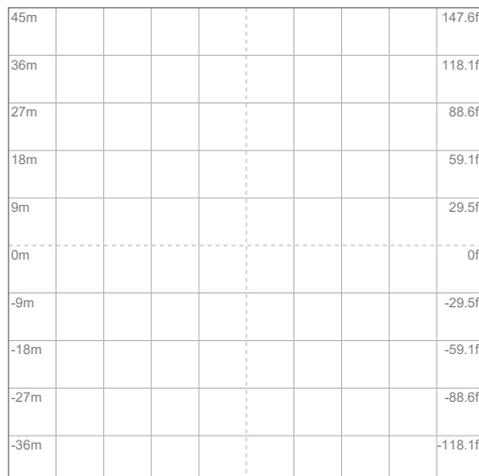
Polar Diagrams



iso-candela Diagram

10%	2567 cd
20%	5133 cd
30%	7700 cd
40%	10266 cd
50%	12833 cd
60%	15400 cd
70%	17966 cd
80%	20533 cd
90%	23099 cd

Conditions:
Number of c-planes: 2
Candela at center: 25666 cd



iso-illuminance Diagram

3%	7.70 lx
5%	12.8 lx
10%	25.7 lx
30%	77.0 lx
50%	128 lx

Conditions:
Number of c-planes: 2
Lux at center: 257 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 R3X Wash: Full Flood, 7500K

Report Summary

Output

Total Lumens: 11851 lm
Peak Intensity: 34097 cd
Illuminance @ 5m: 1364 lux
Fixture Efficacy: 26 lm/W

Optical

Horizontal Beam Angle (50%): 34°
Vertical Beam Angle (50%): 34°
Horizontal Field Angle (10%): 49.4°
Vertical Field Angle (10%): 49.4°
Horizontal Cutoff Angle (3%): 62.8°
Vertical Cutoff Angle (3%): 62.8°



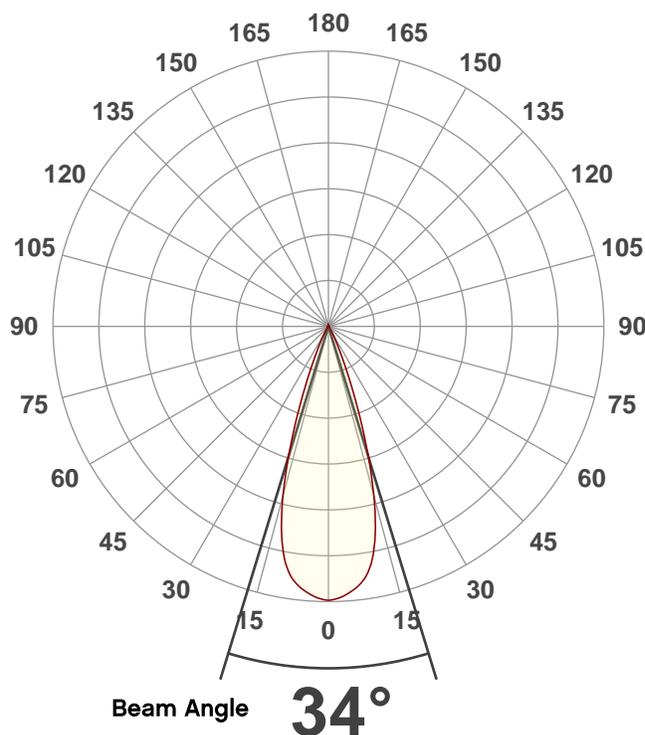
Conditions

AC Supply: 118 V, 60 Hz
Power: 456.1W
Current: 3.86 A
Power Factor: 0.99

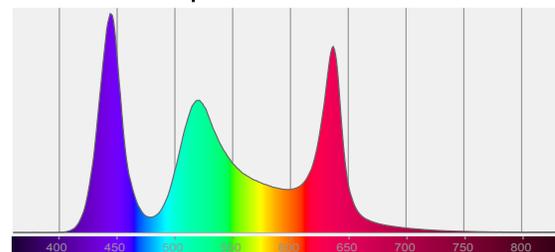
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Overall Measurement

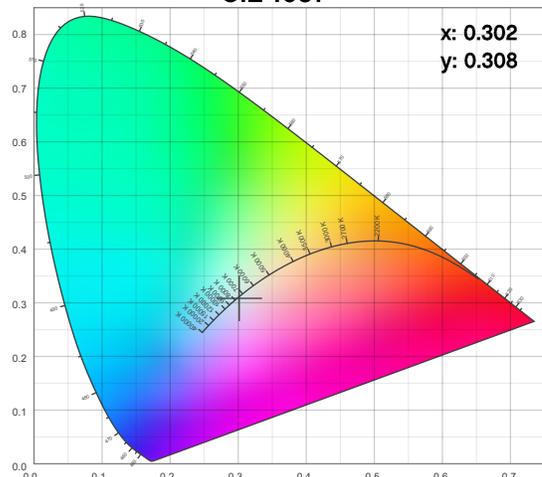
Angular Beam Distribution



Spectral Distribution



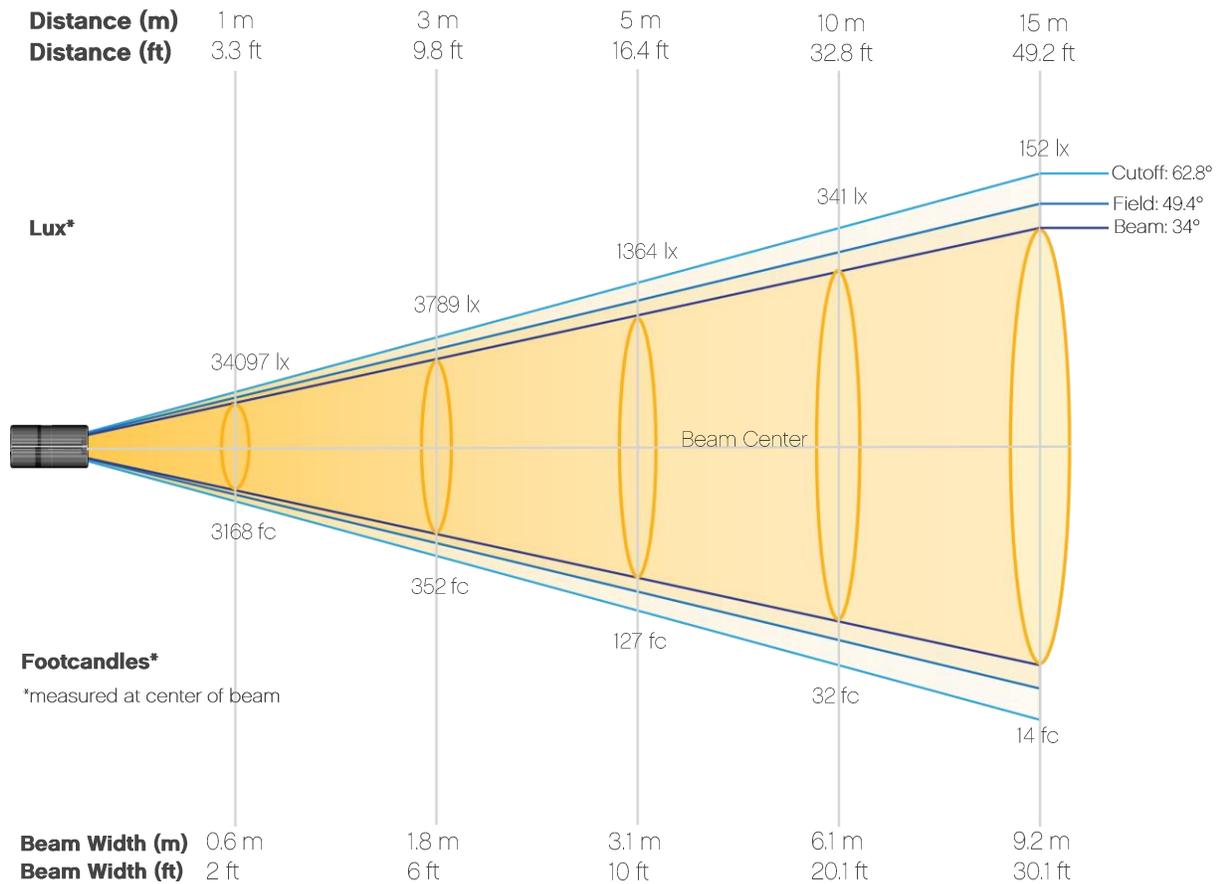
CIE 1931



Photometric Report

Rogue R3X Wash: Full Flood, 7500K

Beam Details



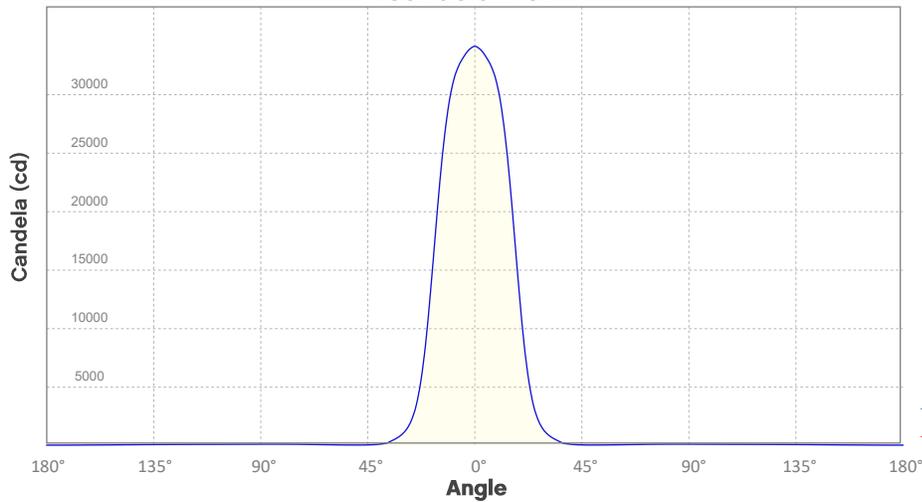
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	34097	8524	3789	2131	1364	947	696	533	421	341
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	282	237	202	174	152	133	118	105	94	85
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	3168	792	352	198	127	88	65	49	39	32
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	26	22	19	16	14	12	11	10	9	8

Photometric Report

Rogue R3X Wash: Full Flood, 7500K

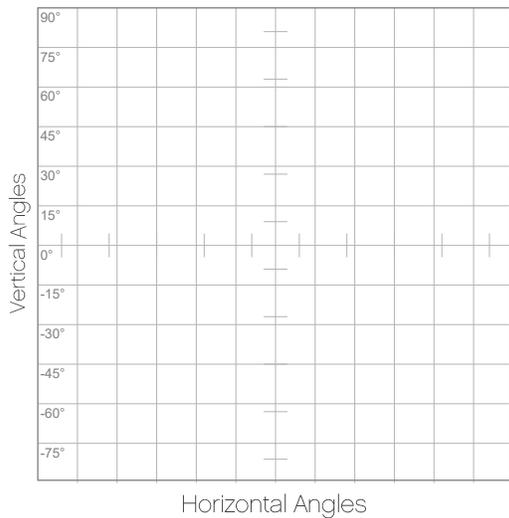
Candela Plot



Beam Angle (50%): 34°
Field Angle (10%): 49.4°
Cutoff Angle (3%): 62.8°

— Horizontal Distribution
— Vertical Distribution

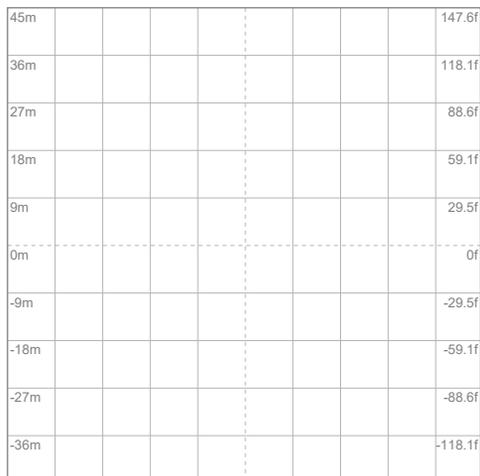
Polar Diagrams



iso-candela Diagram

10%	3410 cd
20%	6819 cd
30%	10229 cd
40%	13639 cd
50%	17048 cd
60%	20458 cd
70%	23868 cd
80%	27277 cd
90%	30687 cd

Conditions:
Number of c-planes: 2
Candela at center: 34097 cd



iso-illuminance Diagram

3%	10.2 lx
5%	17.0 lx
10%	34.1 lx
30%	102 lx
50%	170 lx

Conditions:
Number of c-planes: 2
Lux at center: 341 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 R3X Wash: 50% Zoom, Full Power

Report Summary

Output

Total Lumens: 13433 lm
Peak Intensity: 115801 cd
Illuminance @ 5m: 4632 lux
Fixture Efficacy: 21 lm/W

Optical

Horizontal Beam Angle (50%): 18.6°
Vertical Beam Angle (50%): 18.6°
Horizontal Field Angle (10%): 29.3°
Vertical Field Angle (10%): 29.3°
Horizontal Cutoff Angle (3%): 35.7°
Vertical Cutoff Angle (3%): 35.7°



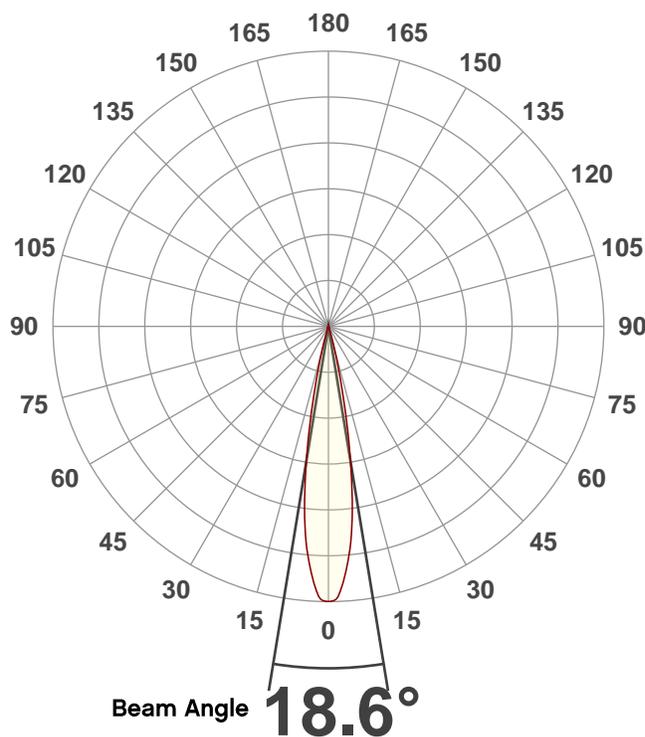
Conditions

AC Supply: 117 V, 60 Hz
Power: 629.2 W
Current: 5.38 A
Power Factor: 1.0

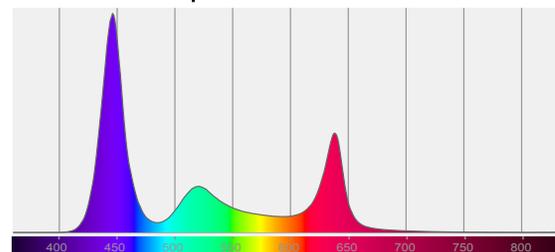
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Overall Measurement

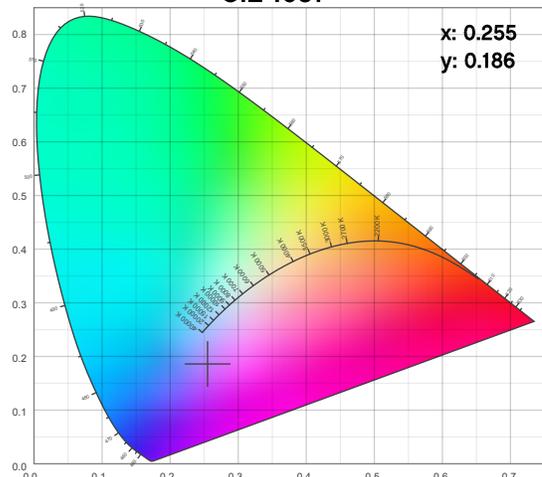
Angular Beam Distribution



Spectral Distribution



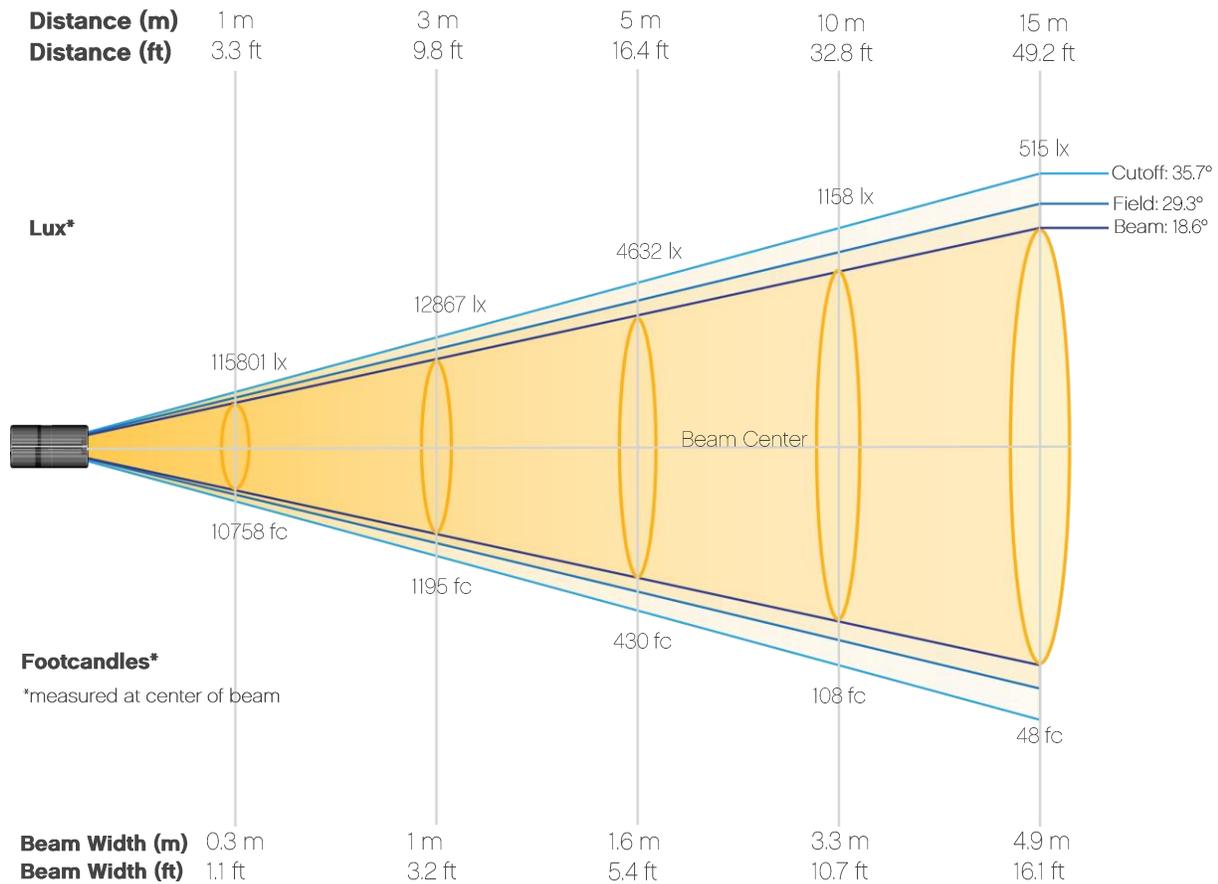
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, Full Power

Beam Details



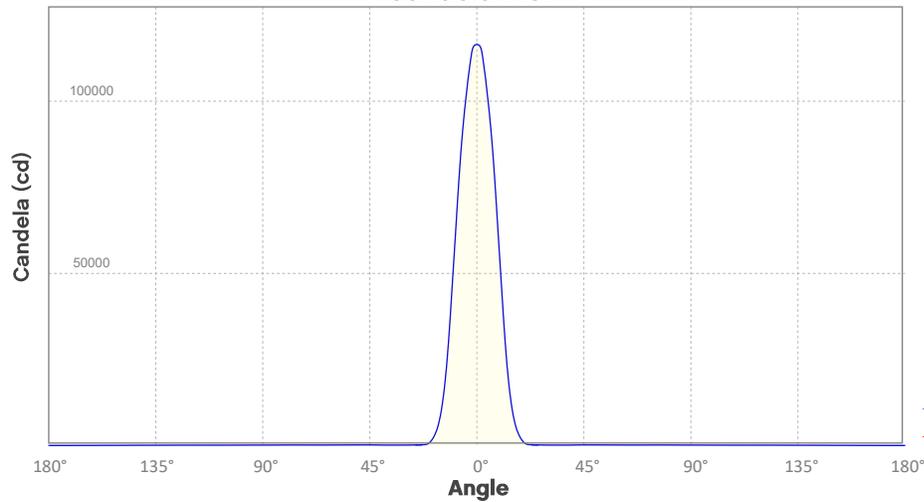
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	115801	28950	12867	7238	4632	3217	2363	1809	1430	1158
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	957	804	685	591	515	452	401	357	321	290
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10758	2690	1195	672	430	299	220	168	133	108
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	89	75	64	55	48	42	37	33	30	27

Photometric Report

Rogue R3X Wash: 50% Zoom, Full Power

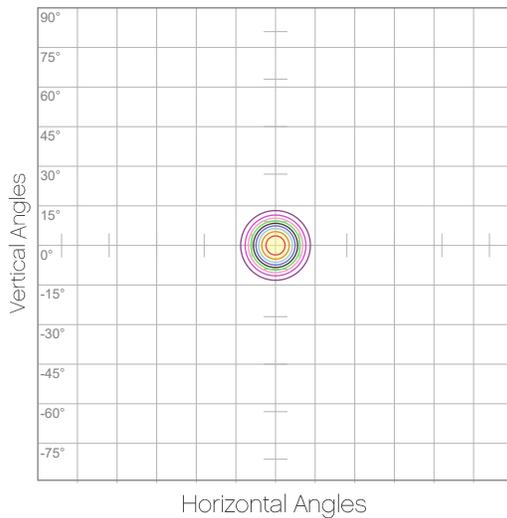
Candela Plot



Beam Angle (50%): 18.6°
Field Angle (10%): 29.3°
Cutoff Angle (3%): 35.7°

— Horizontal Distribution
— Vertical Distribution

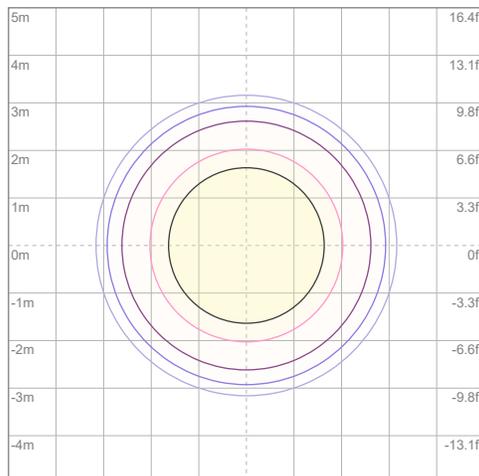
Polar Diagrams



iso-candela Diagram

10%	11580 cd
20%	23160 cd
30%	34740 cd
40%	46321 cd
50%	57901 cd
60%	69481 cd
70%	81061 cd
80%	92641 cd
90%	104221 cd

Conditions:
Number of c-planes: 2
Candela at center: 115801 cd



iso-illuminance Diagram

3%	34.7 lx
5%	57.9 lx
10%	116 lx
30%	347 lx
50%	579 lx

Conditions:
Number of c-planes: 2
Lux at center: 1158 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 R3X Wash: 50% Zoom, Red Only

Report Summary

Output

Total Lumens: 3454 lm
Peak Intensity: 30290 cd
Illuminance @ 5m: 1212 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 18.2°
Vertical Beam Angle (50%): 18.2°
Horizontal Field Angle (10%): 29°
Vertical Field Angle (10%): 29°
Horizontal Cutoff Angle (3%): 35.8°
Vertical Cutoff Angle (3%): 35.8°



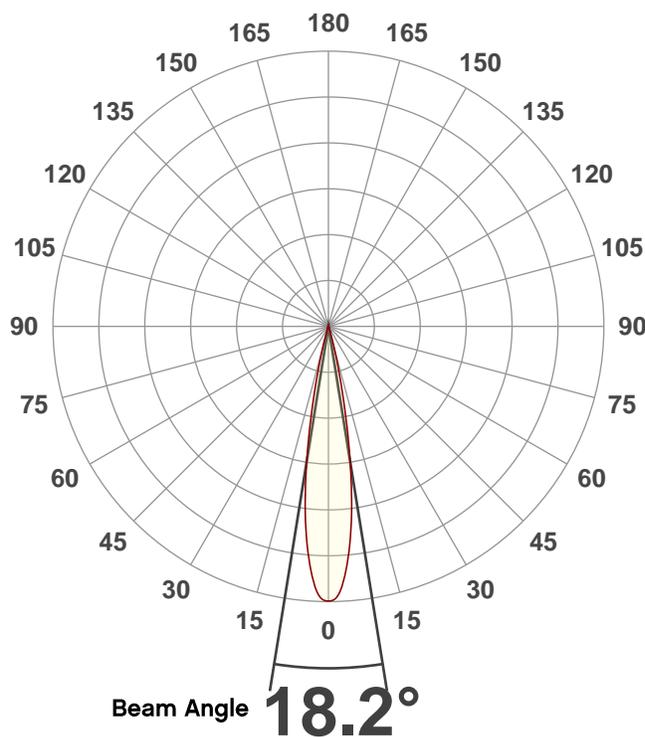
Conditions

AC Supply: 119 V, 60 Hz
Power: 218.99 W
Current: 1.84 A
Power Factor: 0.98

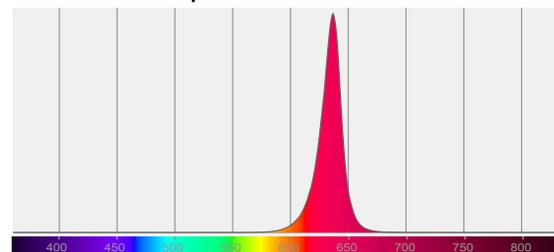
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Overall Measurement

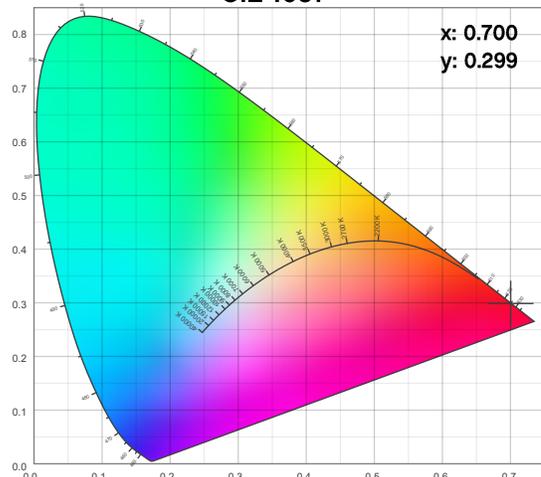
Angular Beam Distribution



Spectral Distribution



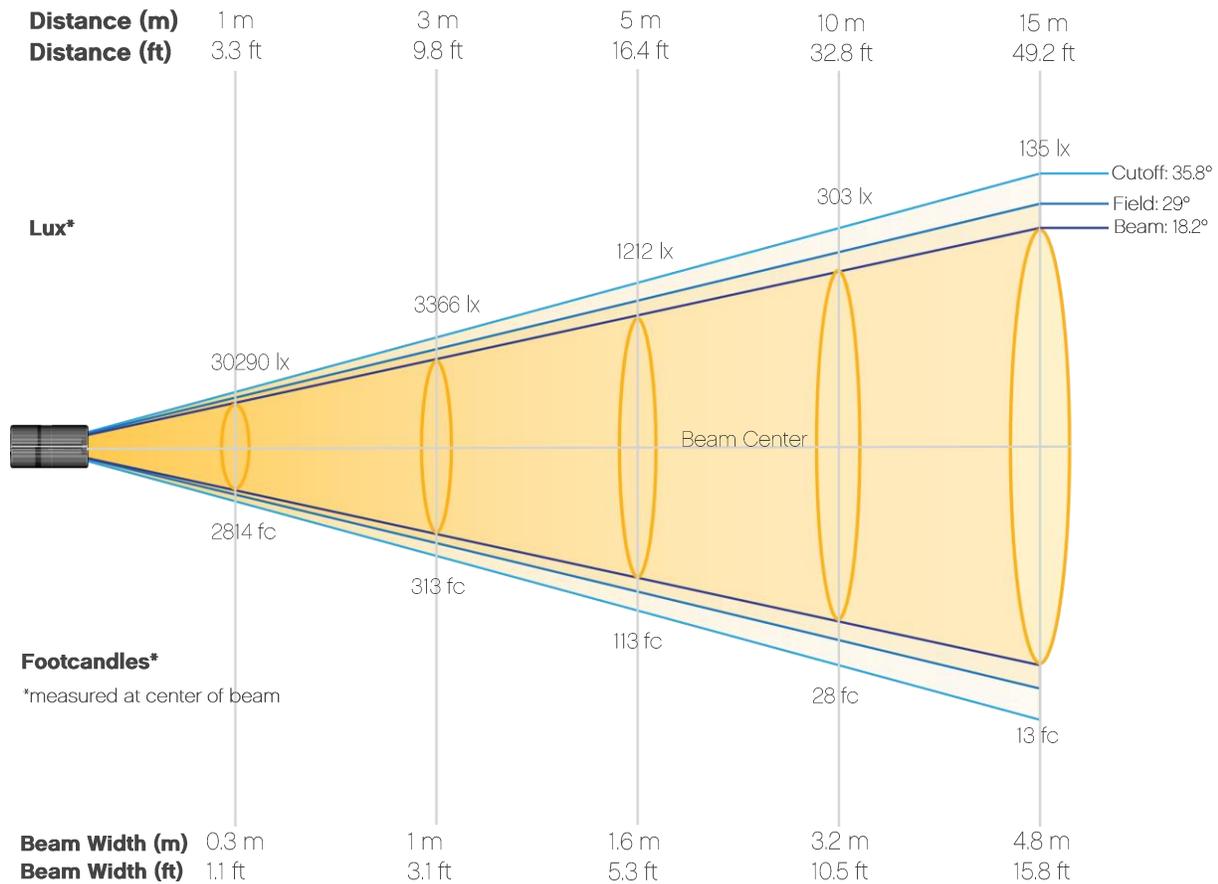
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, Red Only

Beam Details



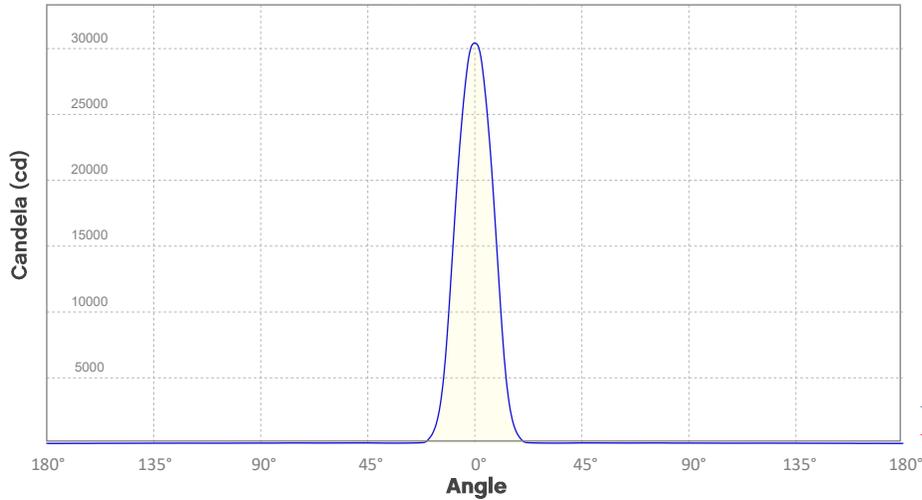
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	30290	7572	3366	1893	1212	841	618	473	374	303
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	250	210	179	155	135	118	105	93	84	76
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	2814	704	313	176	113	78	57	44	35	28
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	23	20	17	14	13	11	10	9	8	7

Photometric Report

Rogue R3X Wash: 50% Zoom, Red Only

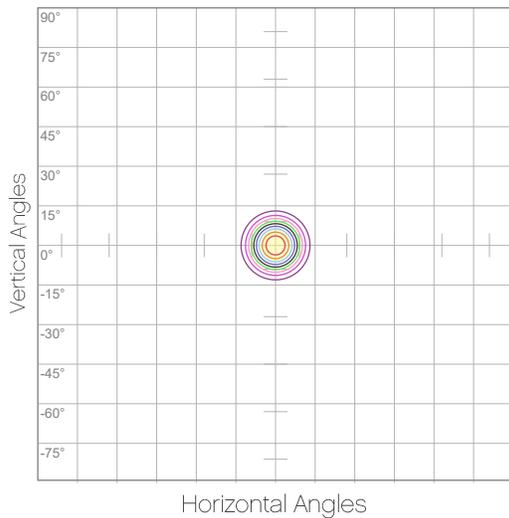
Candela Plot



Beam Angle (50%): 18.2°
Field Angle (10%): 29°
Cutoff Angle (3%): 35.8°

— Horizontal Distribution
— Vertical Distribution

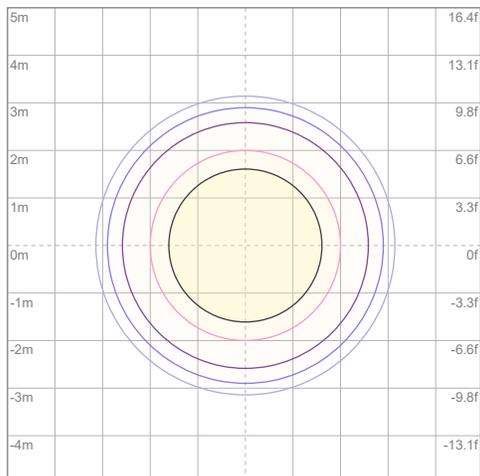
Polar Diagrams



iso-candela Diagram

10%	3029 cd
20%	6058 cd
30%	9087 cd
40%	12116 cd
50%	15145 cd
60%	18174 cd
70%	21203 cd
80%	24232 cd
90%	27261 cd

Conditions:
Number of c-planes: 2
Candela at center: 30290 cd



iso-illuminance Diagram

3%	9.09 lx
5%	15.1 lx
10%	30.3 lx
30%	90.9 lx
50%	151 lx

Conditions:
Number of c-planes: 2
Lux at center: 303 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 R3X Wash: 50% Zoom, Green Only

Report Summary

Output

Total Lumens: 5925 lm
Peak Intensity: 54338 cd
Illuminance @ 5m: 2174 lux
Fixture Efficacy: 22 lm/W

Optical

Horizontal Beam Angle (50%): 18°
Vertical Beam Angle (50%): 18°
Horizontal Field Angle (10%): 28.9°
Vertical Field Angle (10%): 28.9°
Horizontal Cutoff Angle (3%): 35.5°
Vertical Cutoff Angle (3%): 35.5°



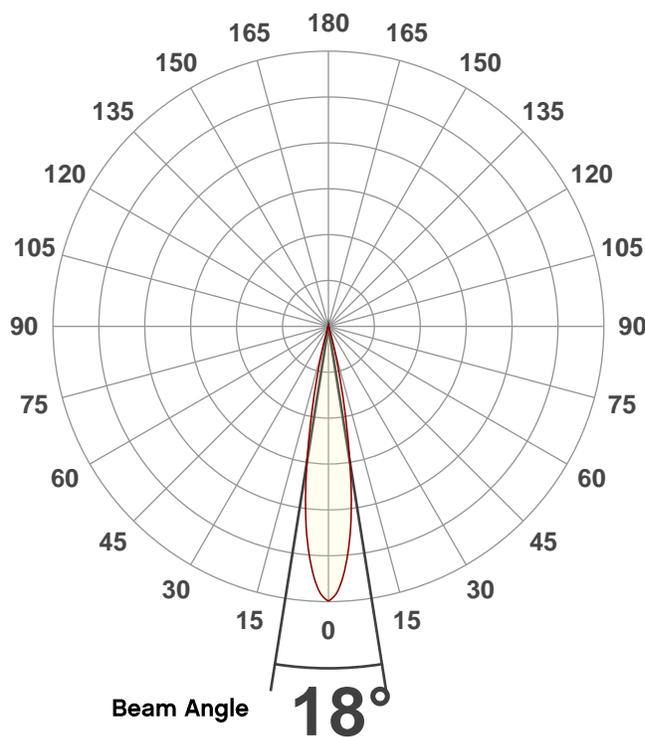
Conditions

AC Supply: 119 V, 60 Hz
Power: 276.49 W
Current: 2.32 A
Power Factor: 0.98

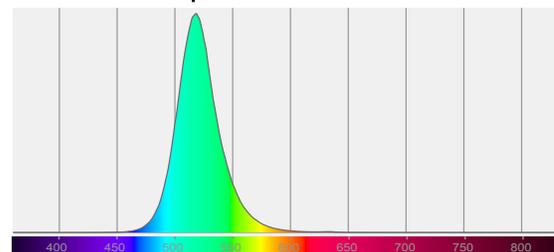
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Overall Measurement

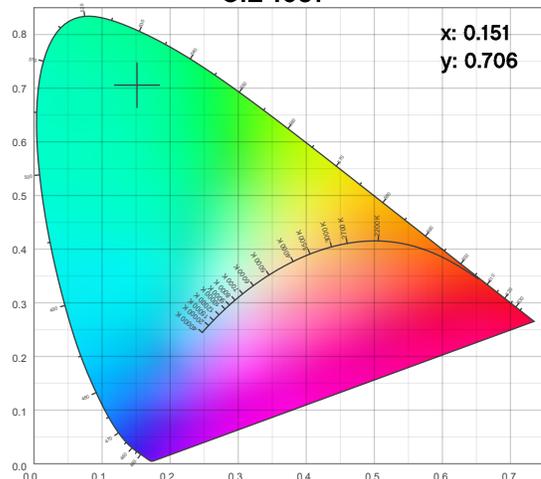
Angular Beam Distribution



Spectral Distribution



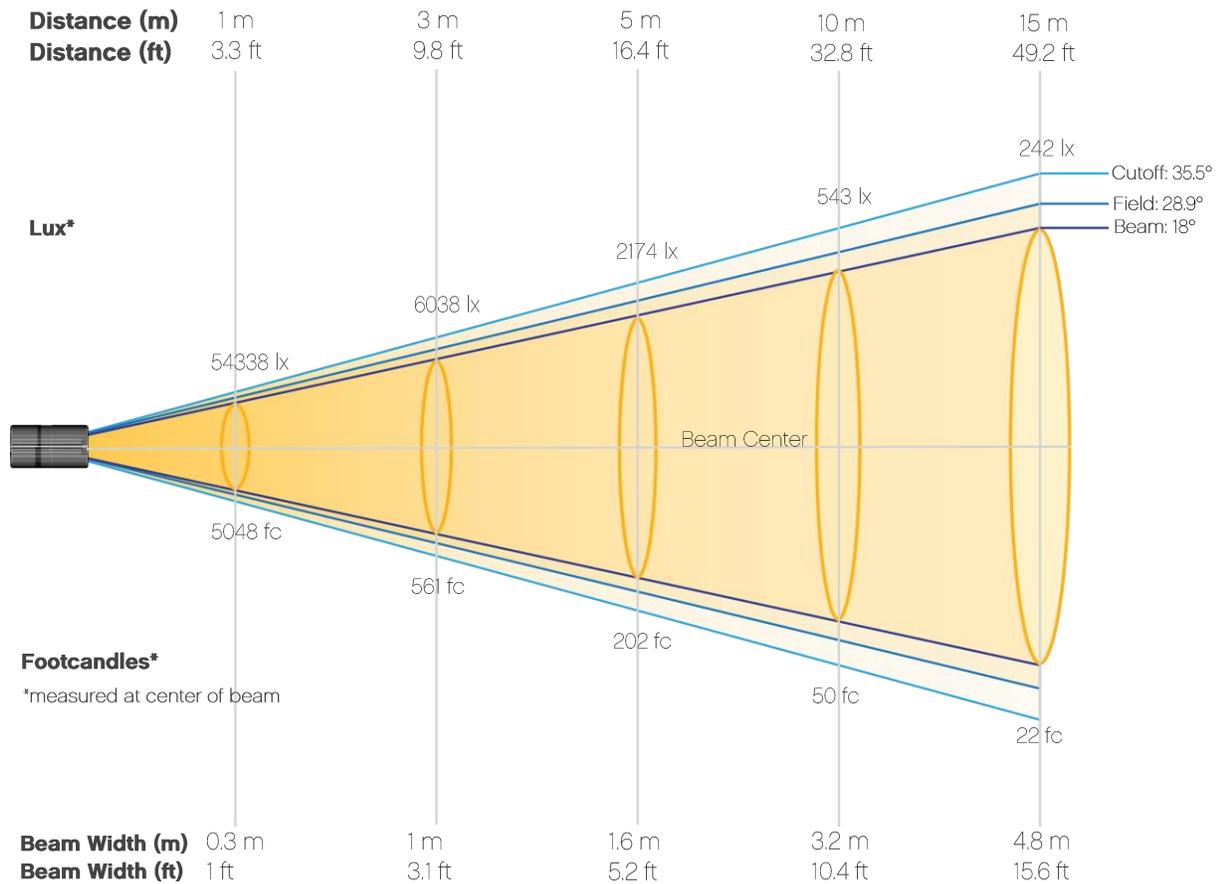
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, Green Only

Beam Details



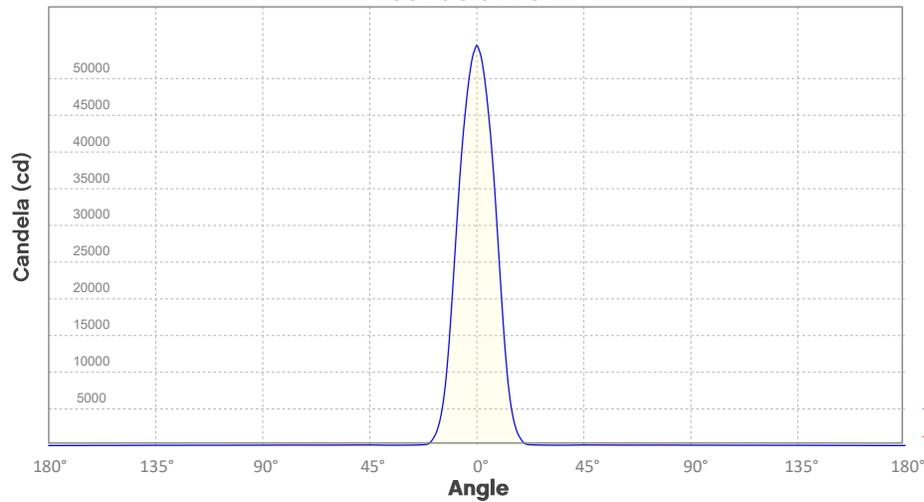
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	54338	13585	6038	3396	2174	1509	1109	849	671	543
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	449	377	322	277	242	212	188	168	151	136
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5048	1262	561	316	202	140	103	79	62	50
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	42	35	30	26	22	20	17	16	14	13

Photometric Report

Rogue R3X Wash: 50% Zoom, Green Only

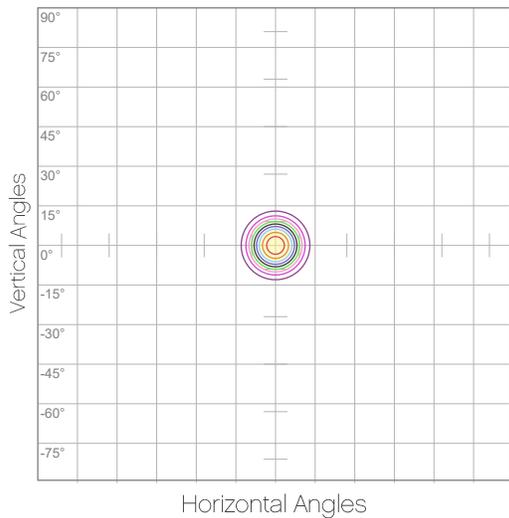
Candela Plot



Beam Angle (50%): 18°
Field Angle (10%): 28.9°
Cutoff Angle (3%): 35.5°

— Horizontal Distribution
— Vertical Distribution

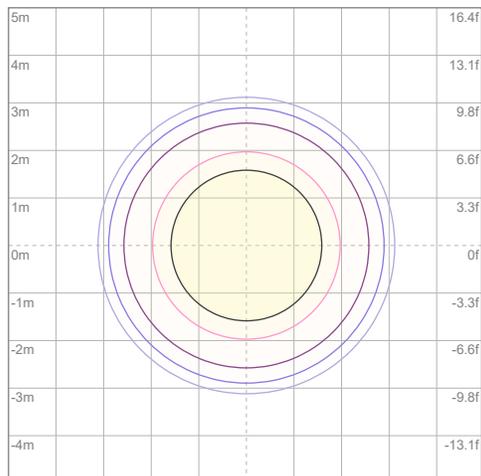
Polar Diagrams



iso-candela Diagram

10%	5434 cd
20%	10868 cd
30%	16301 cd
40%	21735 cd
50%	27169 cd
60%	32603 cd
70%	38037 cd
80%	43471 cd
90%	48904 cd

Conditions:
Number of c-planes: 2
Candela at center: 54338 cd



iso-illuminance Diagram

3%	163 lx
5%	272 lx
10%	543 lx
30%	163 lx
50%	272 lx

Conditions:
Number of c-planes: 2
Lux at center: 543 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 R3X Wash: 50% Zoom, Blue Only

Report Summary

Output

Total Lumens: 1699 lm
Peak Intensity: 14984 cd
Illuminance @ 5m: 599 lux
Fixture Efficacy: 7 lm/W

Optical

Horizontal Beam Angle (50%): 18°
Vertical Beam Angle (50%): 18°
Horizontal Field Angle (10%): 28.8°
Vertical Field Angle (10%): 28.8°
Horizontal Cutoff Angle (3%): 35.2°
Vertical Cutoff Angle (3%): 35.2°



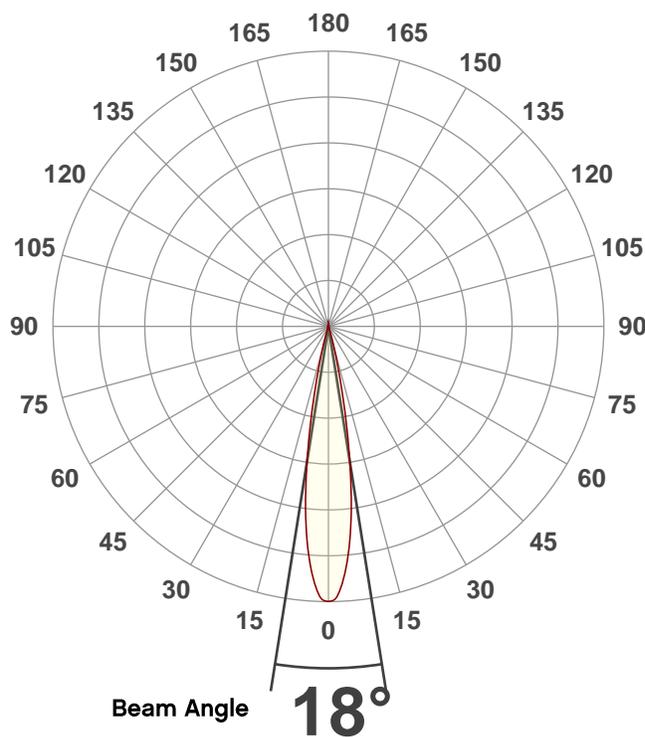
Conditions

AC Supply: 120 V, 60.1 Hz
Power: 252.35 W
Current: 2.11 A
Power Factor: 0.98

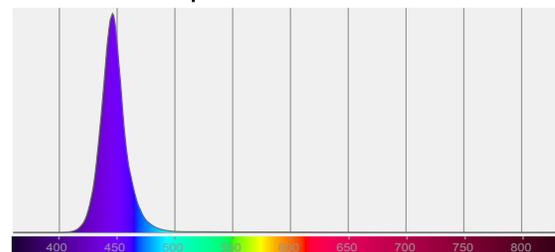
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Overall Measurement

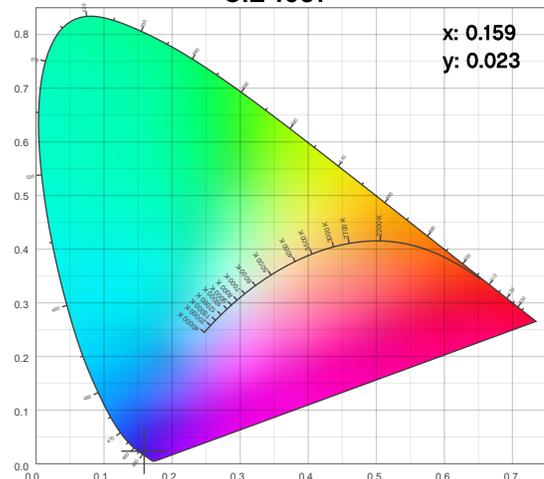
Angular Beam Distribution



Spectral Distribution



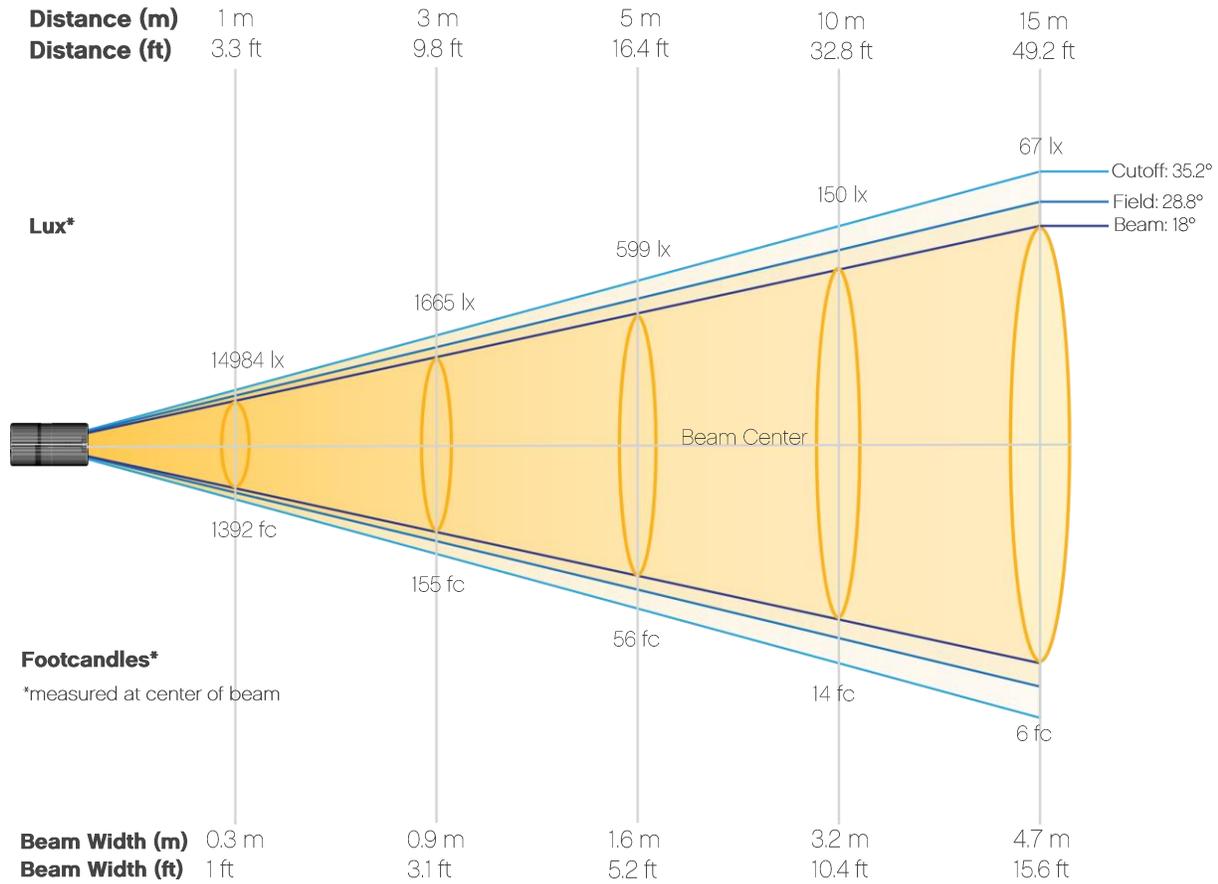
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, Blue Only

Beam Details

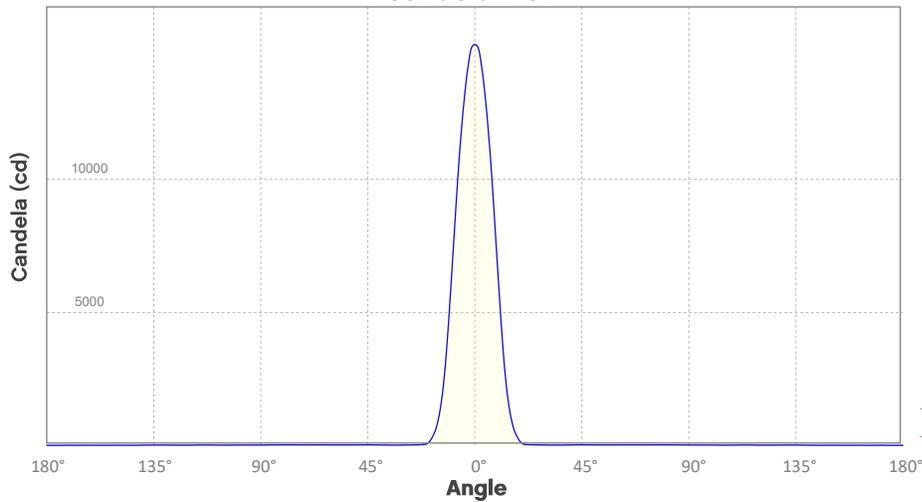


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	14984	3746	1665	936	599	416	306	234	185	150
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	124	104	89	76	67	59	52	46	42	37
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	1392	348	155	87	56	39	28	22	17	14
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	12	10	8	7	6	5	5	4	4	3

Photometric Report

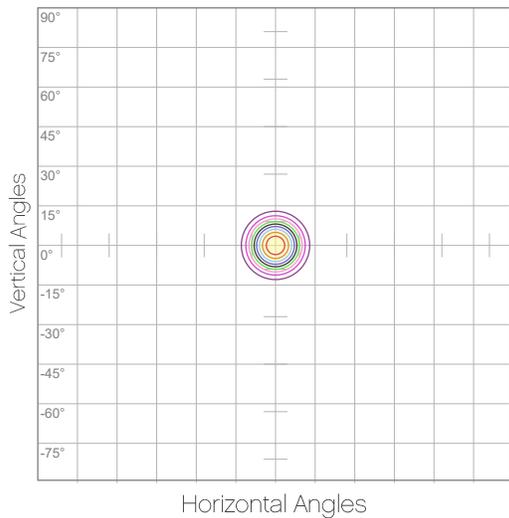
Rogue R3X Wash: 50% Zoom, Blue Only
Candela Plot



Beam Angle (50%): 18°
Field Angle (10%): 28.8°
Cutoff Angle (3%): 35.2°

— Horizontal Distribution
— Vertical Distribution

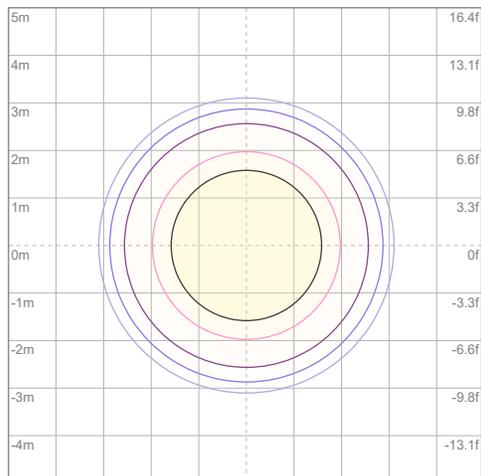
Polar Diagrams



iso-candela Diagram

10%	1498 cd
20%	2997 cd
30%	4495 cd
40%	5993 cd
50%	7492 cd
60%	8990 cd
70%	10489 cd
80%	11987 cd
90%	13485 cd

Conditions:
Number of c-planes: 2
Candela at center: 14984 cd



iso-illuminance Diagram

3%	4.50 lx
5%	7.49 lx
10%	15.0 lx
30%	45.0 lx
50%	74.9 lx

Conditions:
Number of c-planes: 2
Lux at center: 150 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 R3X Wash: 50% Zoom, White Only

Report Summary

Output

Total Lumens: 9234 lm
Peak Intensity: 78234 cd
Illuminance @ 5m: 3129 lux
Fixture Efficacy: 37 lm/W

Optical

Horizontal Beam Angle (50%): 19°
Vertical Beam Angle (50%): 19°
Horizontal Field Angle (10%): 29.7°
Vertical Field Angle (10%): 29.7°
Horizontal Cutoff Angle (3%): 36.1°
Vertical Cutoff Angle (3%): 36.1°



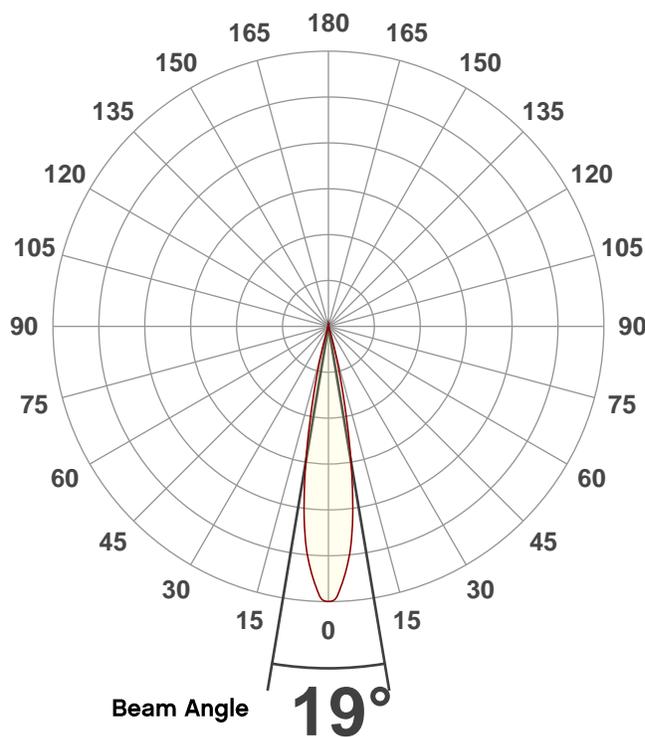
Conditions

AC Supply: 119 V, 60 Hz
Power: 254.78 W
Current: 2.14 A
Power Factor: 0.98

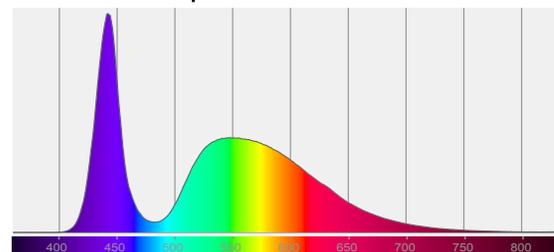
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Overall Measurement

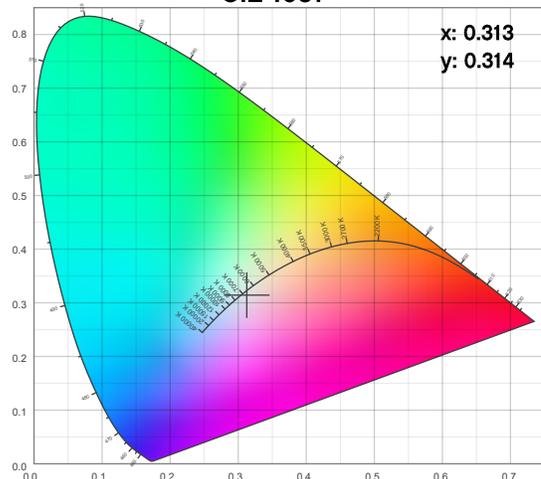
Angular Beam Distribution



Spectral Distribution



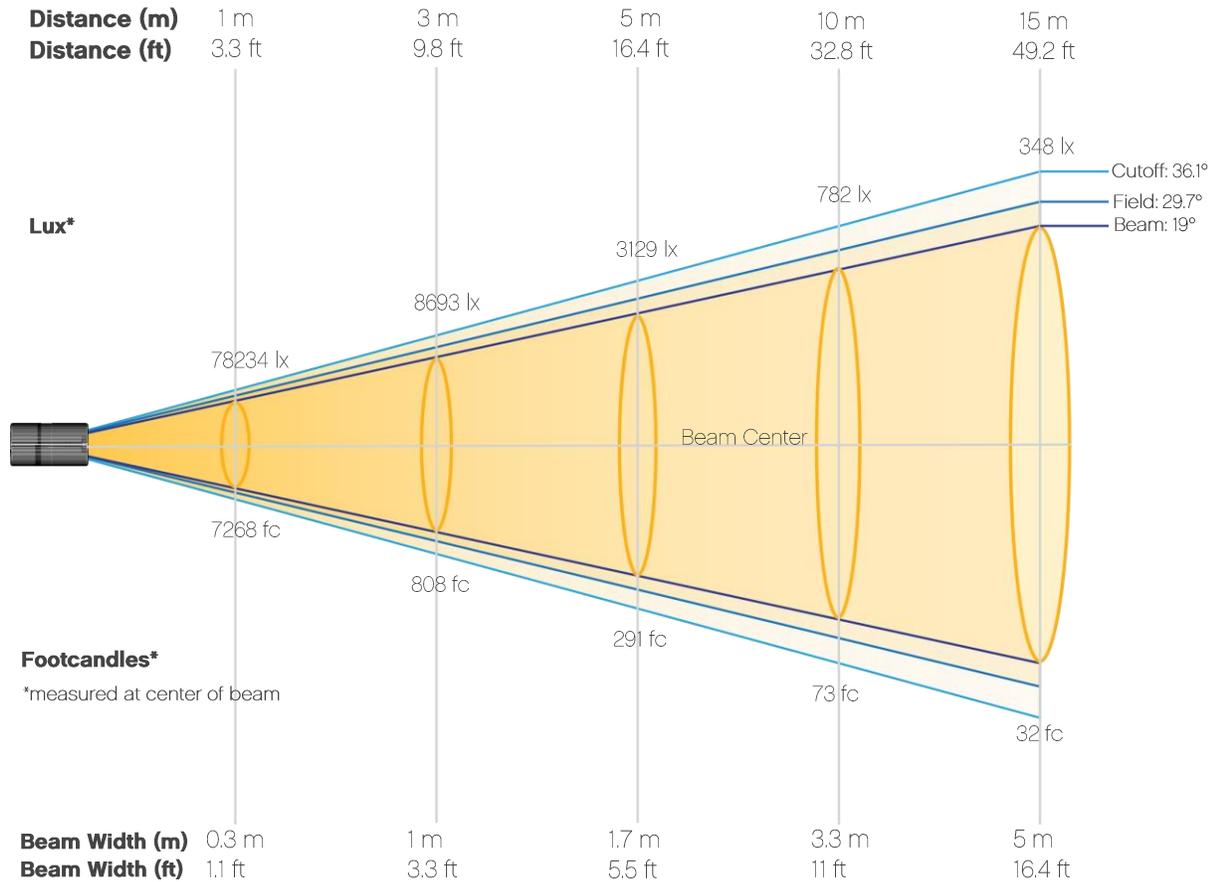
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, White Only

Beam Details



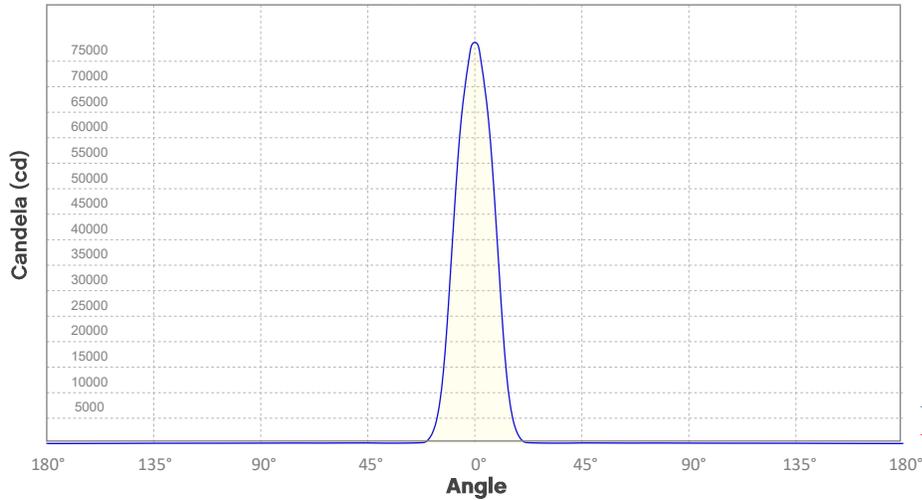
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	78234	19558	8693	4890	3129	2173	1597	1222	966	782
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	647	543	463	399	348	306	271	241	217	196
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	7268	1817	808	454	291	202	148	114	90	73
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	60	50	43	37	32	28	25	22	20	18

Photometric Report

Rogue R3X Wash: 50% Zoom, White Only

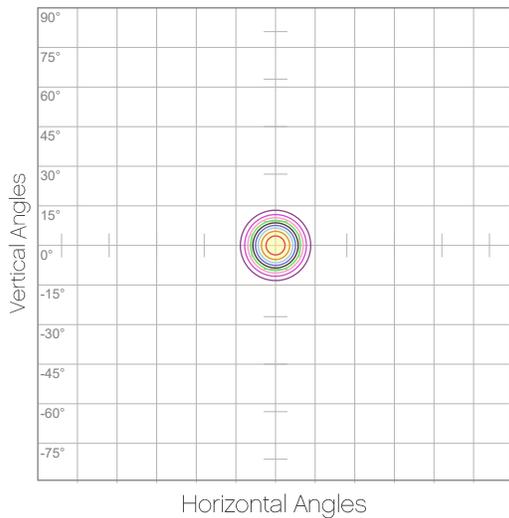
Candela Plot



Beam Angle (50%): 19°
Field Angle (10%): 29.7°
Cutoff Angle (3%): 36.1°

— Horizontal Distribution
— Vertical Distribution

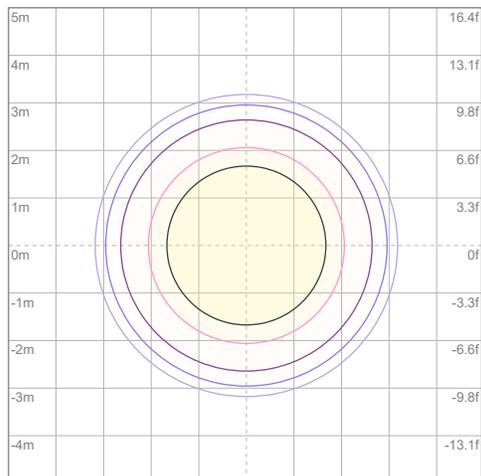
Polar Diagrams



iso-candela Diagram

10%	7823 cd
20%	15647 cd
30%	23470 cd
40%	31294 cd
50%	39117 cd
60%	46940 cd
70%	54764 cd
80%	62587 cd
90%	70410 cd

Conditions:
Number of c-planes: 2
Candela at center: 78234 cd



iso-illuminance Diagram

3%	23.5 lx
5%	39.1 lx
10%	78.2 lx
30%	235 lx
50%	391 lx

Conditions:
Number of c-planes: 2
Lux at center: 782 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 R3X Wash: 50% Zoom, 7500K

Report Summary

Output

Total Lumens: 11865 lm
Peak Intensity: 103593 cd
Illuminance @ 5m: 4144 lux
Fixture Efficacy: 26 lm/W

Optical

Horizontal Beam Angle (50%): 18.6°
Vertical Beam Angle (50%): 18.6°
Horizontal Field Angle (10%): 29.3°
Vertical Field Angle (10%): 29.3°
Horizontal Cutoff Angle (3%): 35.8°
Vertical Cutoff Angle (3%): 35.8°



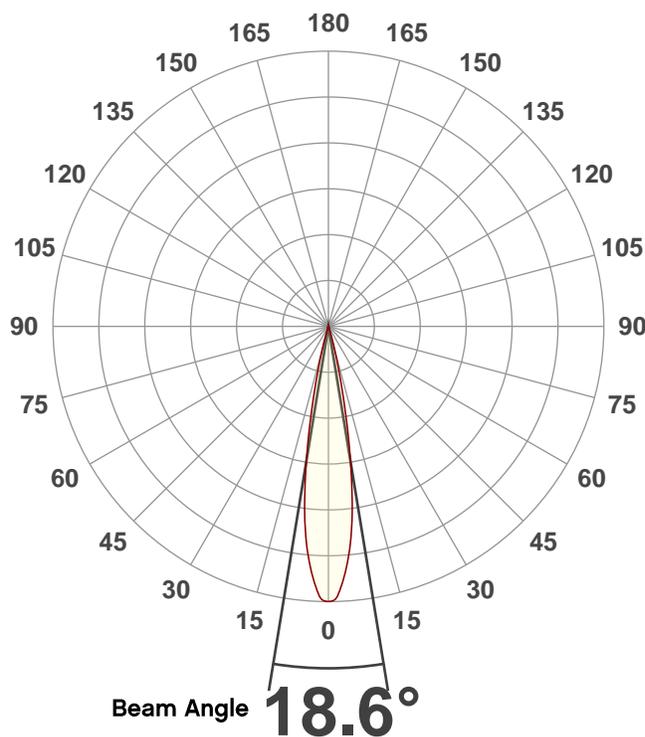
Conditions

AC Supply: 118 V, 60 Hz
Power: 457.91 W
Current: 3.89 A
Power Factor: 0.99

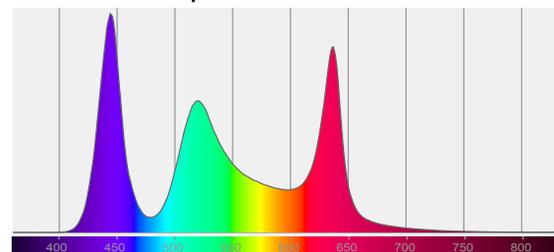
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Overall Measurement

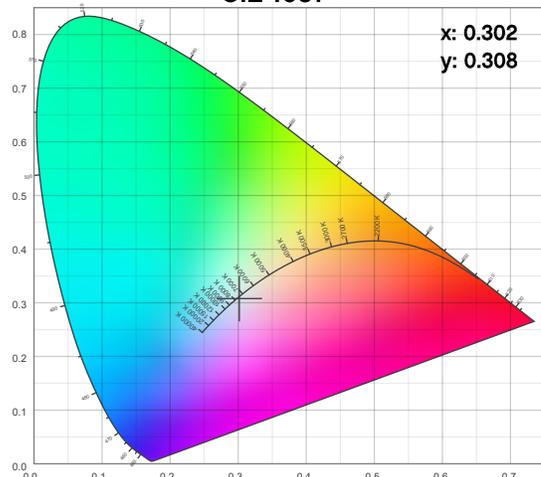
Angular Beam Distribution



Spectral Distribution



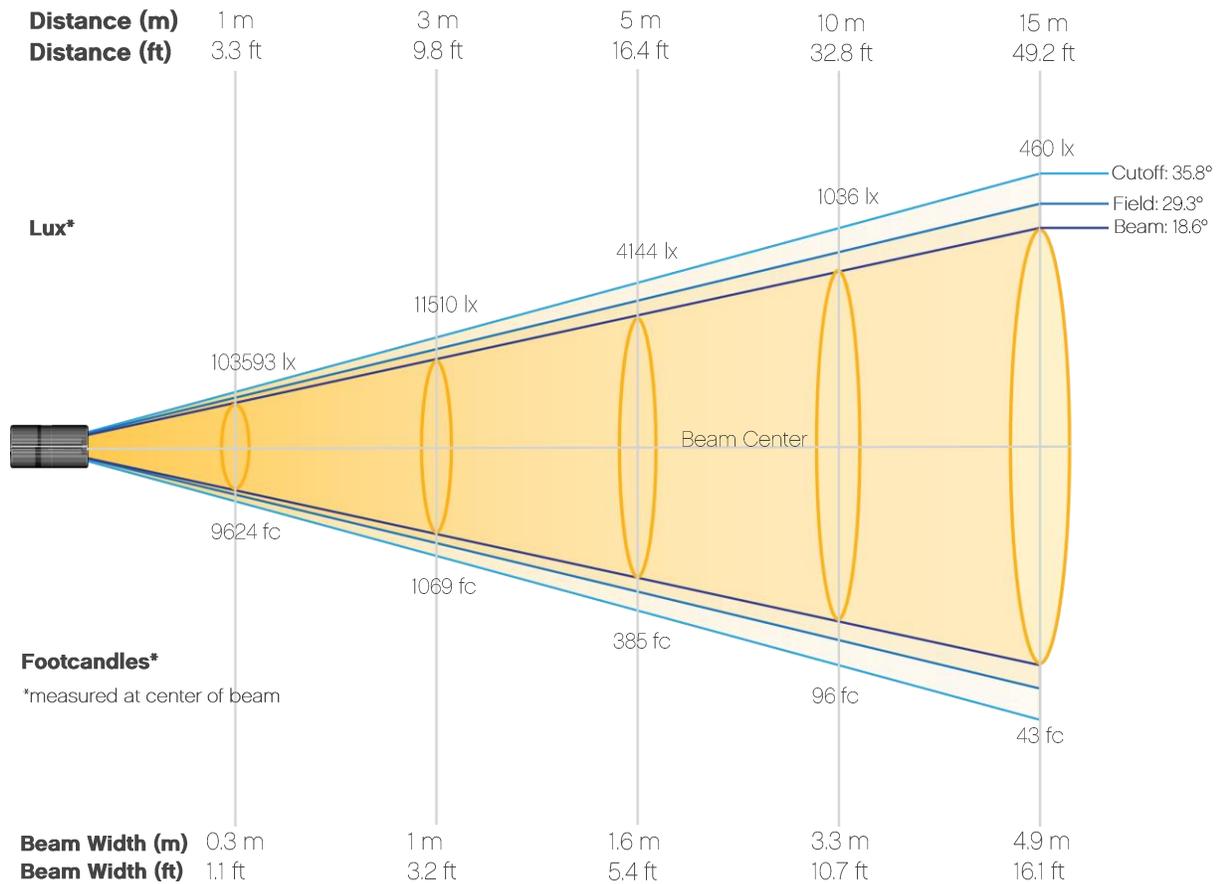
CIE 1931



Photometric Report

Rogue R3X Wash: 50% Zoom, 7500K

Beam Details



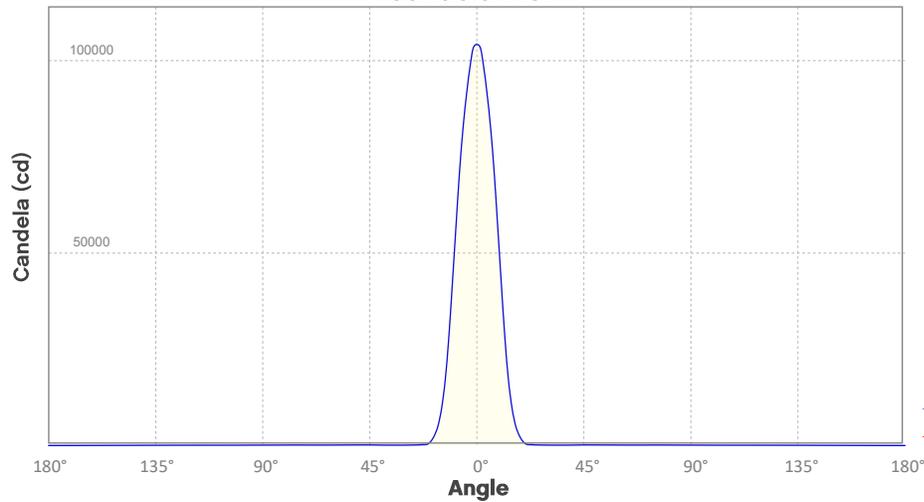
Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	103593	25898	11510	6475	4144	2878	2114	1619	1279	1036
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	856	719	613	529	460	405	358	320	287	259
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	9624	2406	1069	602	385	267	196	150	119	96
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	33	30	27	24

Photometric Report

Rogue R3X Wash: 50% Zoom, 7500K

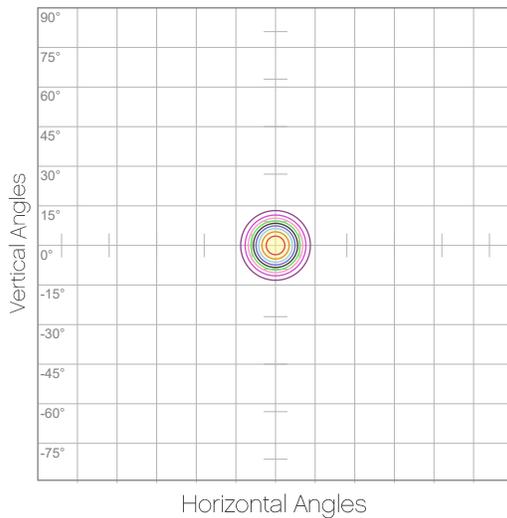
Candela Plot



Beam Angle (50%): 18.6°
 Field Angle (10%): 29.3°
 Cutoff Angle (3%): 35.8°

— Horizontal Distribution
 — Vertical Distribution

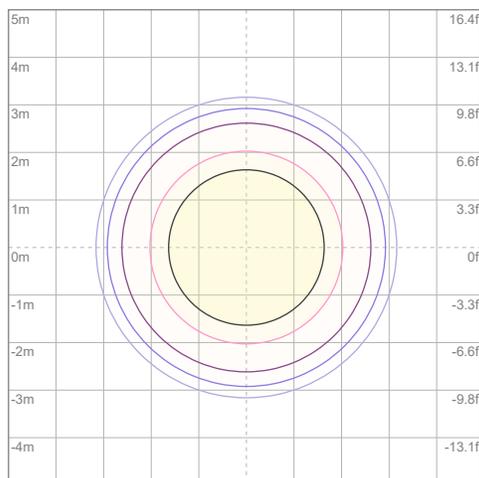
Polar Diagrams



iso-candela Diagram

10%	10359 cd
20%	20719 cd
30%	31078 cd
40%	41437 cd
50%	51797 cd
60%	62156 cd
70%	72515 cd
80%	82875 cd
90%	93234 cd

Conditions:
 Number of c-planes: 2
 Candela at center: 103593 cd



iso-illuminance Diagram

3%	31.1 lx
5%	51.8 lx
10%	104 lx
30%	311 lx
50%	518 lx

Conditions:
 Number of c-planes: 2
 Lux at center: 1036 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 R3X Wash: Full Spot, Full Power

Report Summary

Output

Total Lumens: 12606 lm
Peak Intensity: 456491 cd
Illuminance @ 5m: 18260 lux
Fixture Efficacy: 20 lm/W

Optical

Horizontal Beam Angle (50%): 9.3°
Vertical Beam Angle (50%): 9.3°
Horizontal Field Angle (10%): 11.6°
Vertical Field Angle (10%): 11.6°
Horizontal Cutoff Angle (3%): 13.1°
Vertical Cutoff Angle (3%): 13.1°



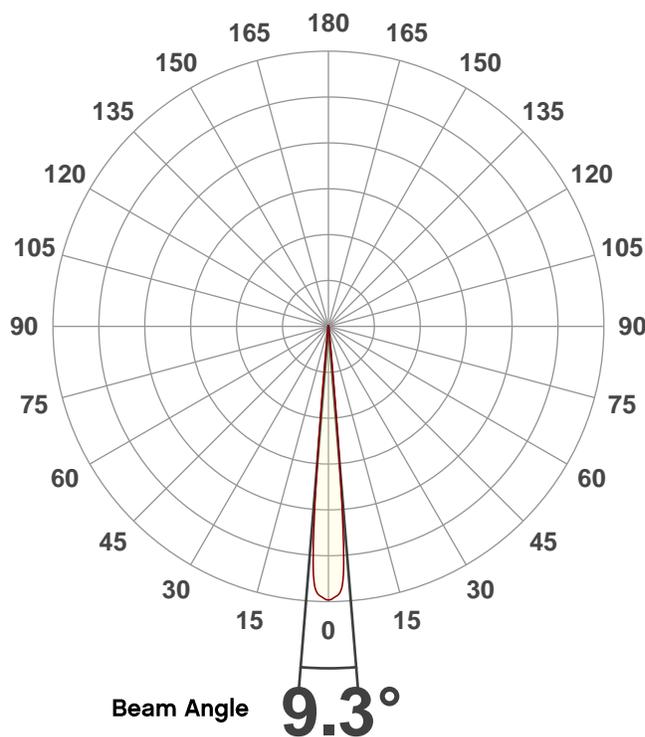
Conditions

AC Supply: 117 V, 60 Hz
Power: 635.16 W
Current: 5.42 A
Power Factor: 1.0

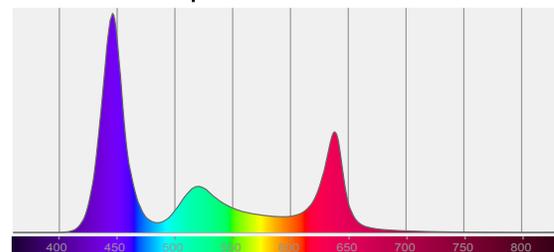
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Overall Measurement

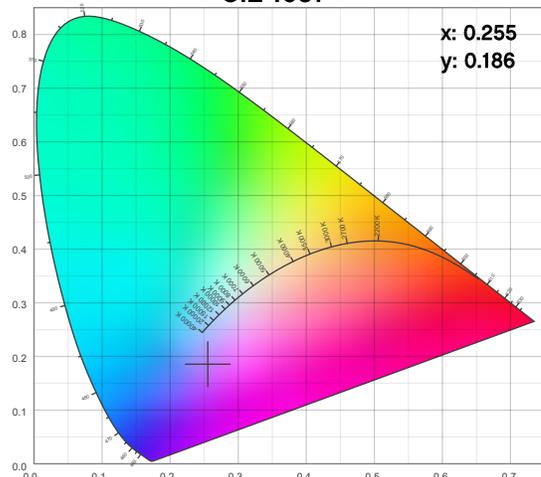
Angular Beam Distribution



Spectral Distribution



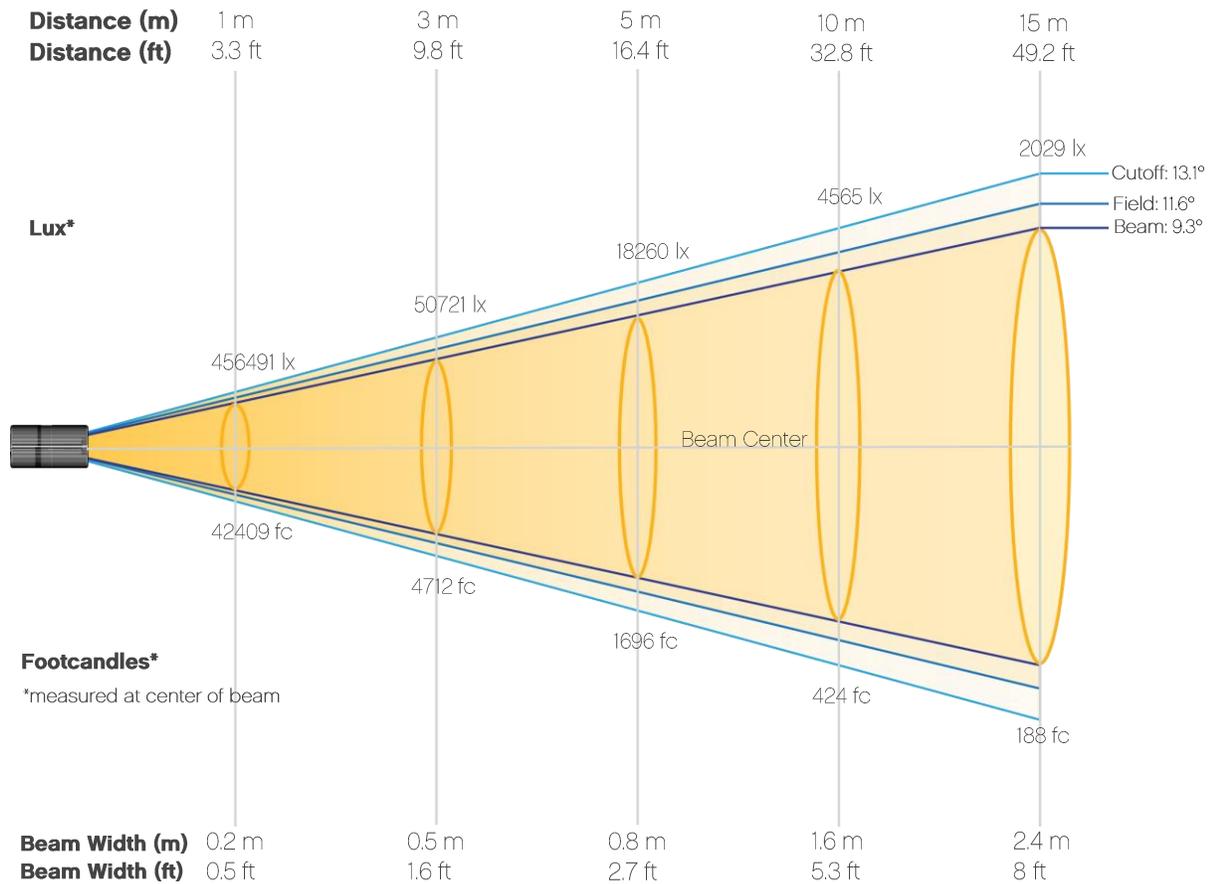
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, Full Power

Beam Details

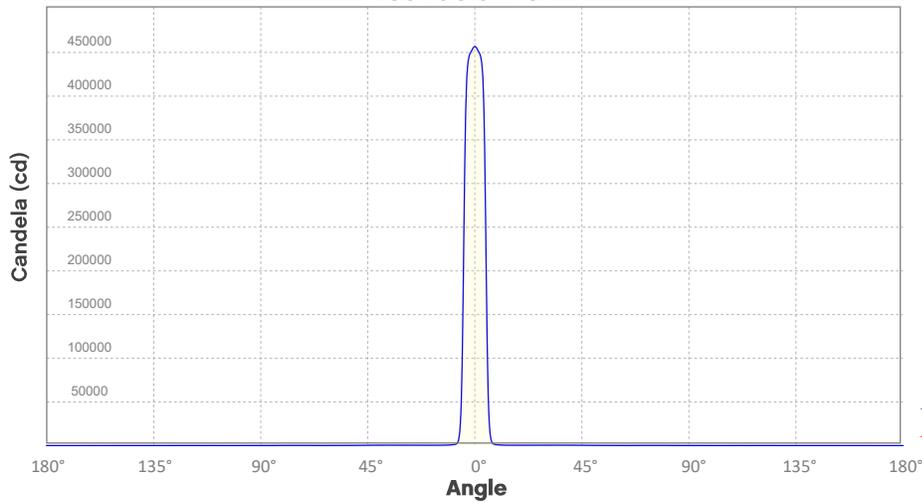


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	456491	114123	50721	28531	18260	12680	9316	7133	5636	4565
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3773	3170	2701	2329	2029	1783	1580	1409	1265	1141
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	42409	10602	4712	2651	1696	1178	865	663	524	424
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	350	295	251	216	188	166	147	131	117	106

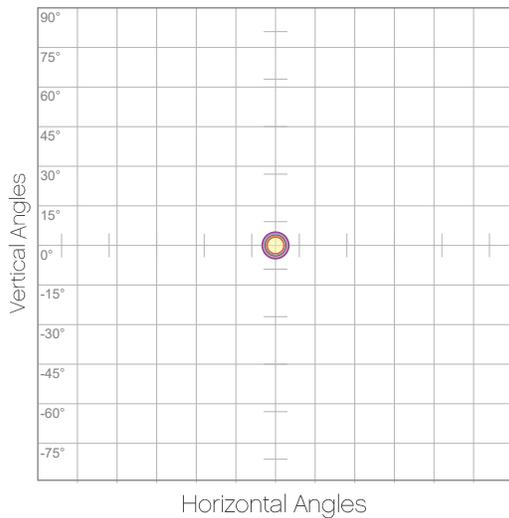
Photometric Report

Rogue R3X Wash: Full Spot, Full Power
Candela Plot



Beam Angle (50%): 9.3°
Field Angle (10%): 11.6°
Cutoff Angle (3%): 13.1°

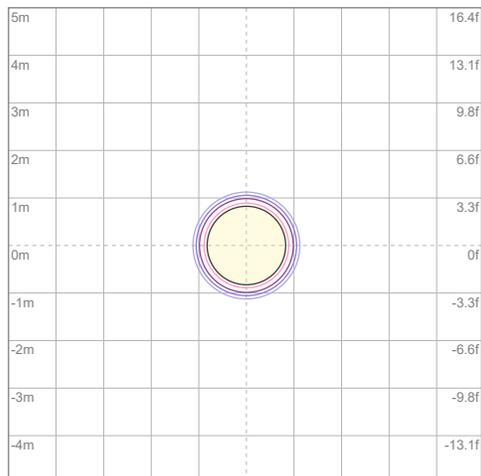
Polar Diagrams



iso-candela Diagram

10%	45649 cd
20%	91298 cd
30%	136947 cd
40%	182597 cd
50%	228246 cd
60%	273895 cd
70%	319544 cd
80%	365193 cd
90%	410842 cd

Conditions:
Number of c-planes: 2
Candela at center: 456491 cd



iso-illuminance Diagram

3%	137 lx
5%	228 lx
10%	456 lx
30%	1369 lx
50%	2282 lx

Conditions:
Number of c-planes: 2
Lux at center: 4565 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 R3X Wash: Full Spot, Red Only

Report Summary

Output

Total Lumens: 3480 lm
Peak Intensity: 116939 cd
Illuminance @ 5m: 4678 lux
Fixture Efficacy: 16 lm/W

Optical

Horizontal Beam Angle (50%): 9.3°
Vertical Beam Angle (50%): 9.3°
Horizontal Field Angle (10%): 11.7°
Vertical Field Angle (10%): 11.7°
Horizontal Cutoff Angle (3%): 13.3°
Vertical Cutoff Angle (3%): 13.3°



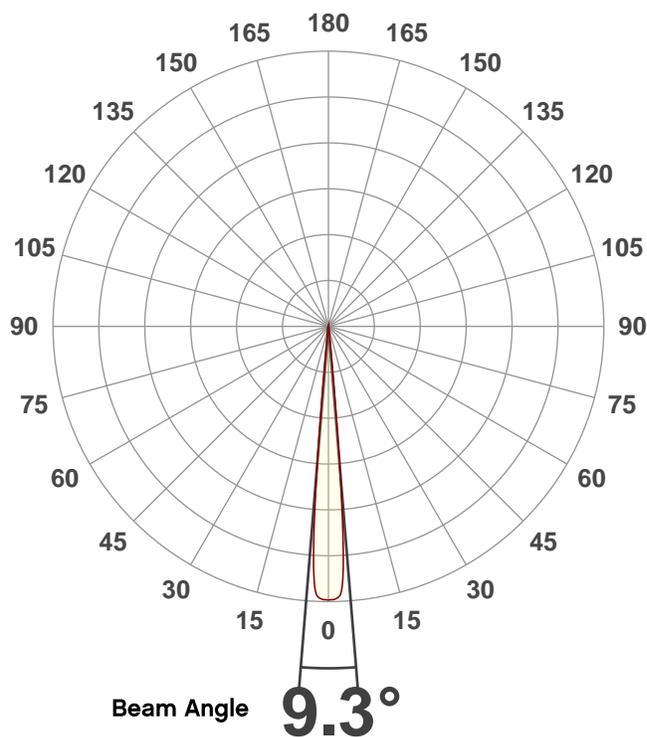
Conditions

AC Supply: 120 V, 60 Hz
Power: 218.29 W
Current: 1.82 A
Power Factor: 0.98

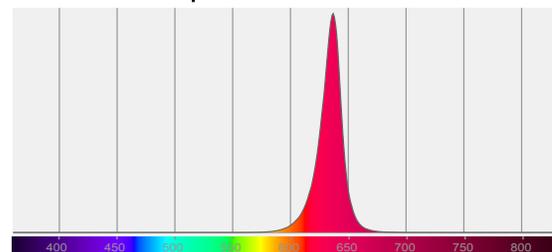
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Overall Measurement

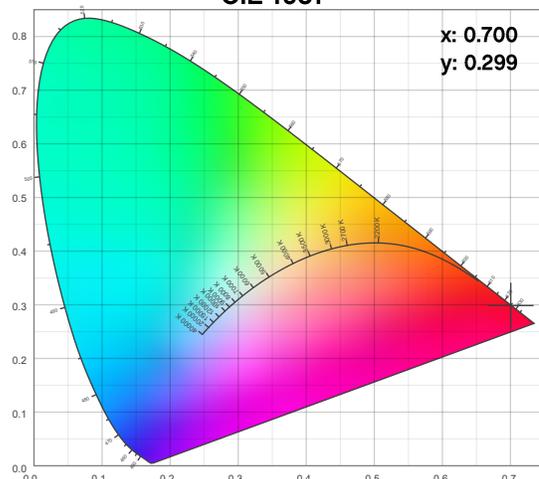
Angular Beam Distribution



Spectral Distribution



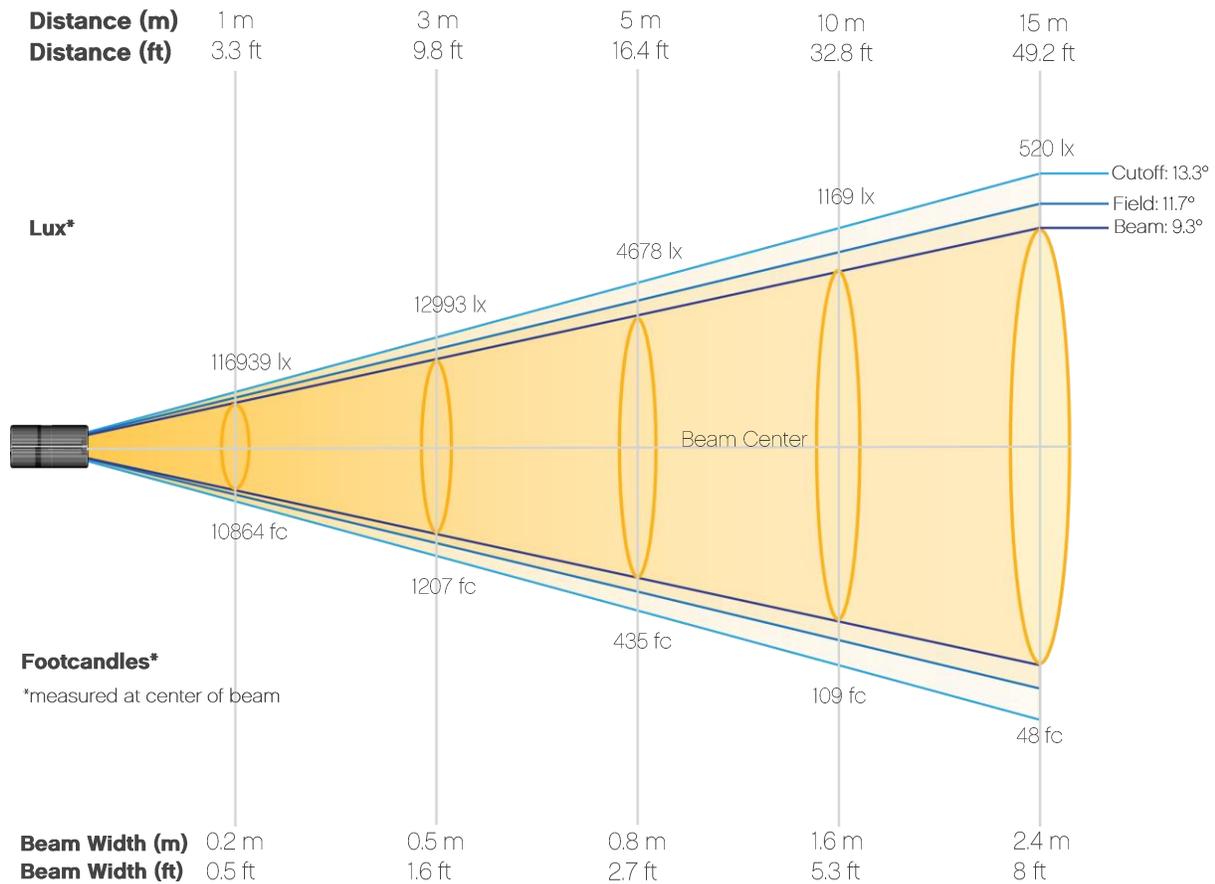
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, Red Only

Beam Details

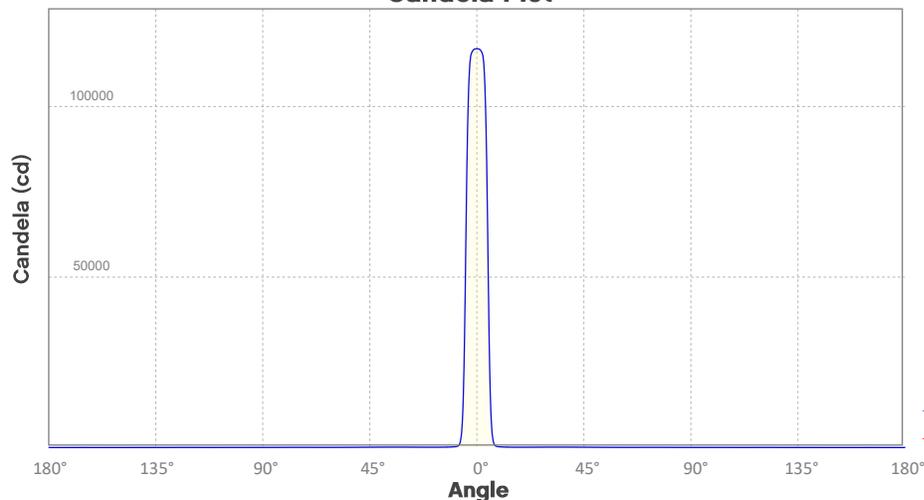


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	116939	29235	12993	7309	4678	3248	2387	1827	1444	1169
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	966	812	692	597	520	457	405	361	324	292
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	10864	2716	1207	679	435	302	222	170	134	109
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	90	75	64	55	48	42	38	34	30	27

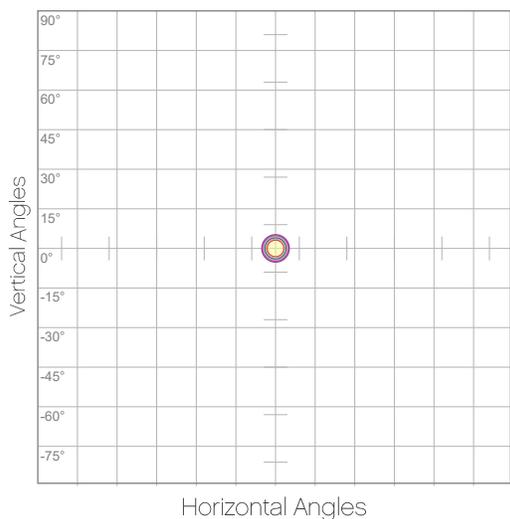
Photometric Report

Rogue R3X Wash: Full Spot, Red Only
Candela Plot



Beam Angle (50%): 9.3°
Field Angle (10%): 11.7°
Cutoff Angle (3%): 13.3°

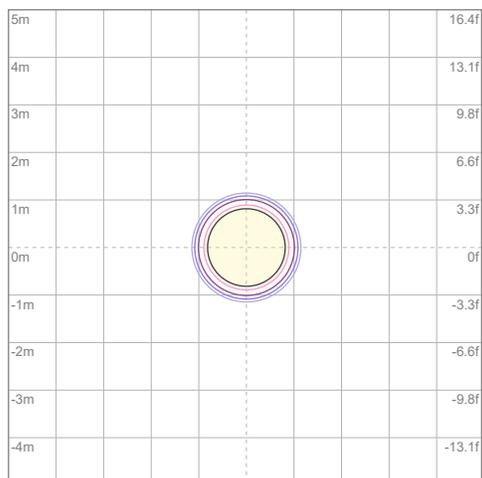
Polar Diagrams



iso-candela Diagram

10%	11694 cd
20%	23388 cd
30%	35082 cd
40%	46776 cd
50%	58470 cd
60%	70163 cd
70%	81857 cd
80%	93551 cd
90%	105245 cd

Conditions:
Number of c-planes: 2
Candela at center: 116939 cd



iso-illuminance Diagram

3%	35.1 lx
5%	58.5 lx
10%	117 lx
30%	351 lx
50%	585 lx

Conditions:
Number of c-planes: 2
Lux at center: 1169 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 R3X Wash: Full Spot, Green Only

Report Summary

Output

Total Lumens: 5548 lm
Peak Intensity: 205876 cd
Illuminance @ 5m: 8235 lux
Fixture Efficacy: 20 lm/W

Optical

Horizontal Beam Angle (50%): 9.3°
Vertical Beam Angle (50%): 9.3°
Horizontal Field Angle (10%): 11.4°
Vertical Field Angle (10%): 11.4°
Horizontal Cutoff Angle (3%): 13.1°
Vertical Cutoff Angle (3%): 13.1°



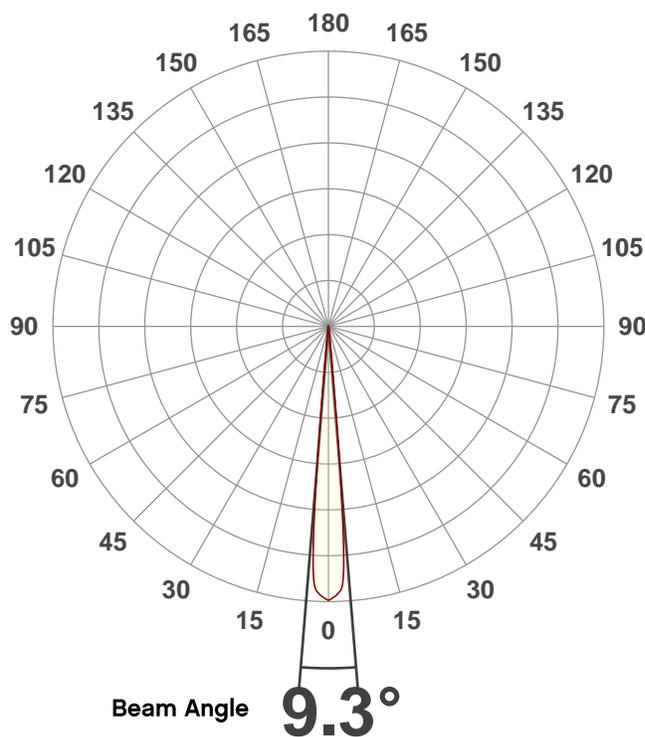
Conditions

AC Supply: 119 V, 60 Hz
Power: 276.26 W
Current: 2.32 A
Power Factor: 0.98

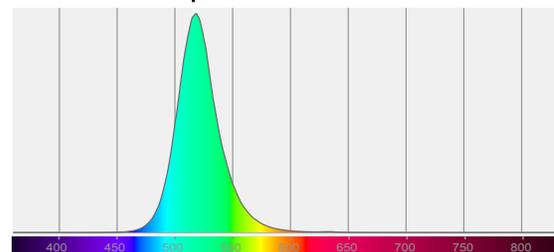
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Overall Measurement

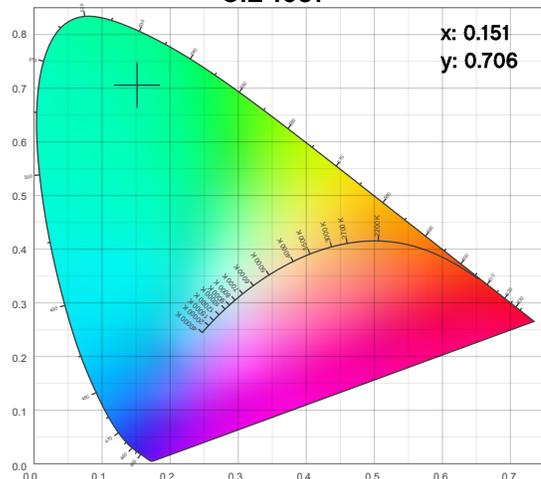
Angular Beam Distribution



Spectral Distribution



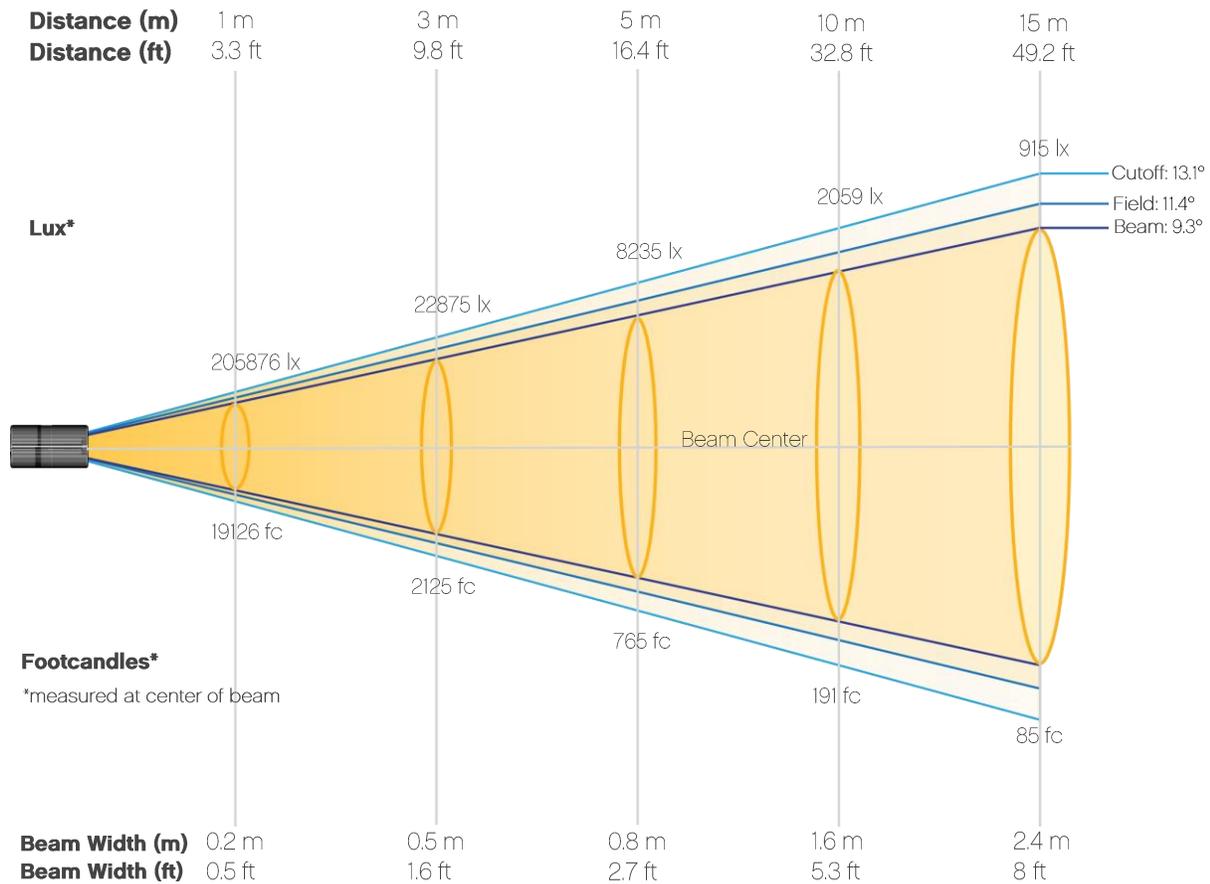
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, Green Only

Beam Details

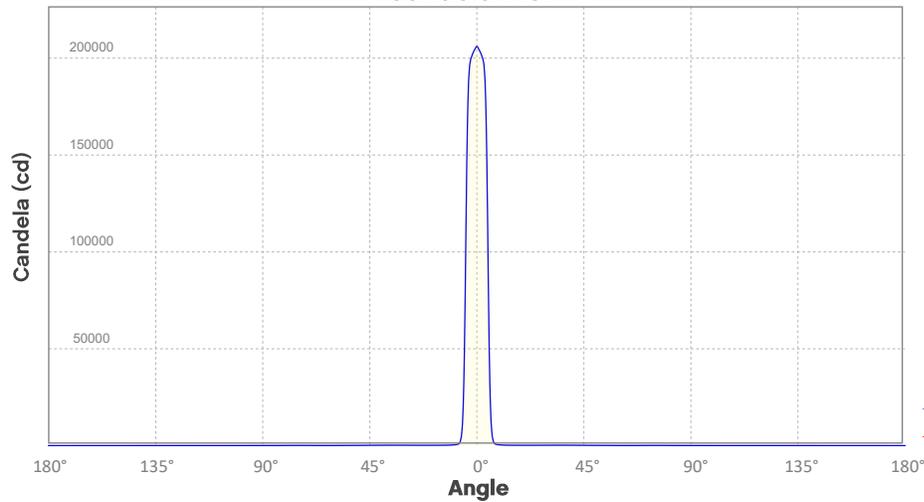


Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	205876	51469	22875	12867	8235	5719	4202	3217	2542	2059
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	1701	1430	1218	1050	915	804	712	635	570	515
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	19126	4782	2125	1195	765	531	390	299	236	191
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	158	133	113	98	85	75	66	59	53	48

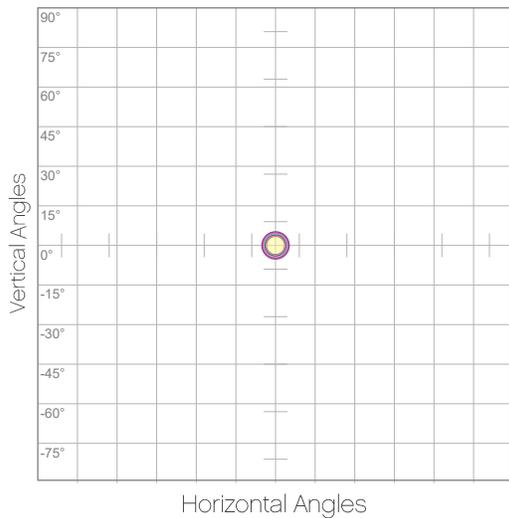
Photometric Report

Rogue R3X Wash: Full Spot, Green Only
Candela Plot



Beam Angle (50%): 9.3°
Field Angle (10%): 11.4°
Cutoff Angle (3%): 13.1°

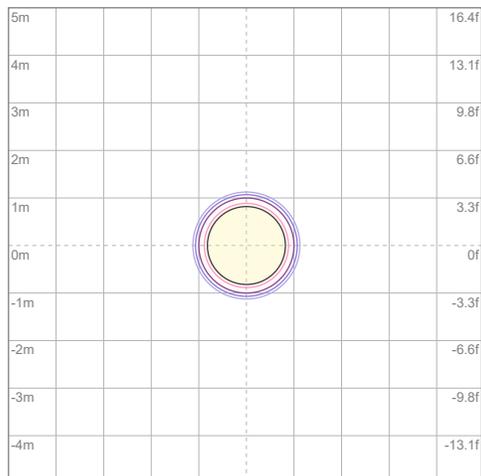
Polar Diagrams



iso-candela Diagram

10%	20588 cd
20%	41175 cd
30%	61763 cd
40%	82350 cd
50%	102938 cd
60%	123525 cd
70%	144113 cd
80%	164701 cd
90%	185288 cd

Conditions:
Number of c-planes: 2
Candela at center: 205876 cd



iso-illuminance Diagram

3%	61.8 lx
5%	103 lx
10%	206 lx
30%	618 lx
50%	1029 lx

Conditions:
Number of c-planes: 2
Lux at center: 2059 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 R3X Wash: Full Spot, Blue Only

Report Summary

Output

Total Lumens: 2053 lm
Peak Intensity: 55159 cd
Illuminance @ 5m: 2193 lux
Fixture Efficacy: 8 lm/W

Optical

Horizontal Beam Angle (50%): 9.4°
Vertical Beam Angle (50%): 9.4°
Horizontal Field Angle (10%): 11.4°
Vertical Field Angle (10%): 11.4°
Horizontal Cutoff Angle (3%): 12.9°
Vertical Cutoff Angle (3%): 12.9°



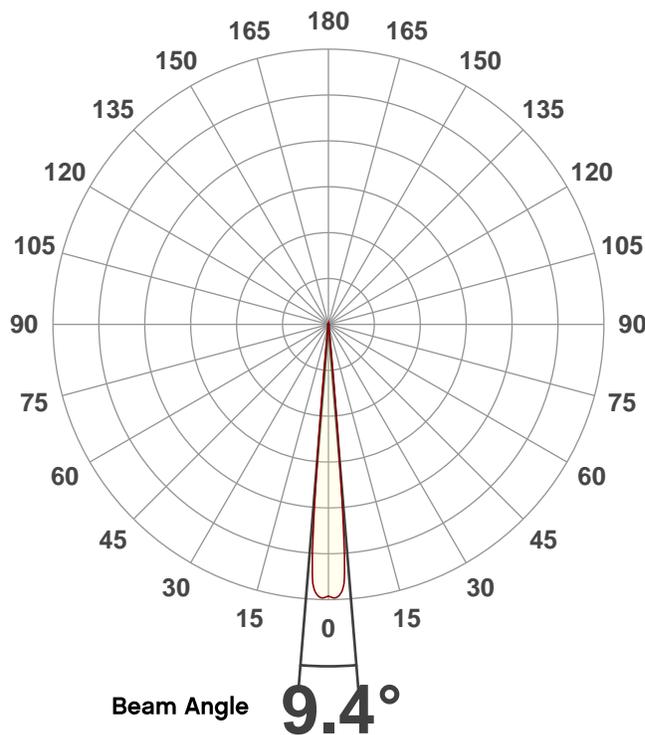
Conditions

AC Supply: 120 V, 60 Hz
Power: 253.67 W
Current: 2.12 A
Power Factor: 0.98

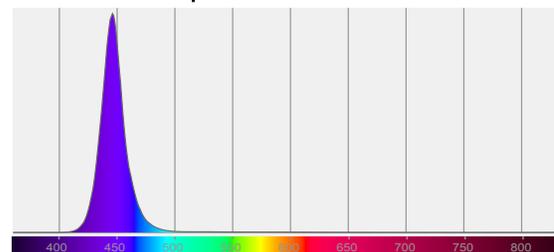
This data sheet conforms to American National Standard E1.9 – 2007 (R2017). All data was measured and calculated by a Viso Systems LabSpion Goniometer at the Chauvet PD Optics Laboratory in Sunrise, FL on 4/1/2020 to LM-63-2002 Standards.

Overall Measurement

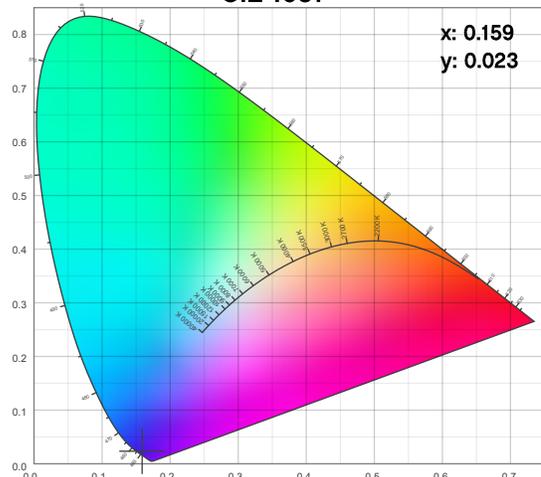
Angular Beam Distribution



Spectral Distribution



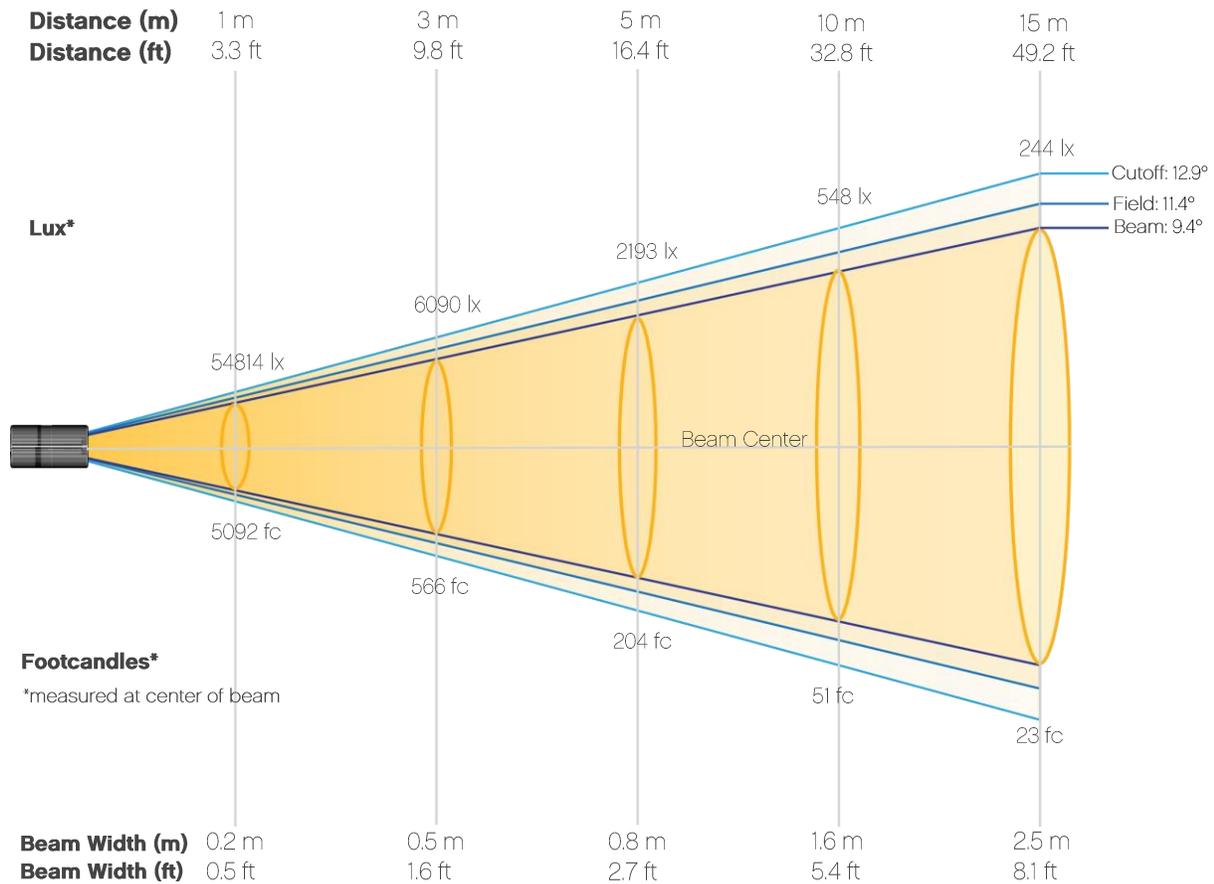
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, Blue Only

Beam Details



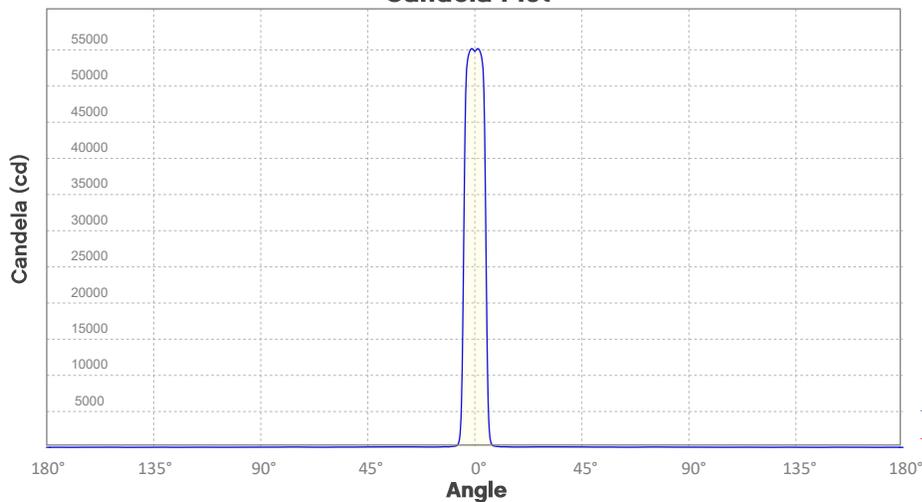
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	54814	13703	6090	3426	2193	1523	1119	856	677	548
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	453	381	324	280	244	214	190	169	152	137
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	5092	1273	566	318	204	141	104	80	63	51
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	42	35	30	26	23	20	18	16	14	13

Photometric Report

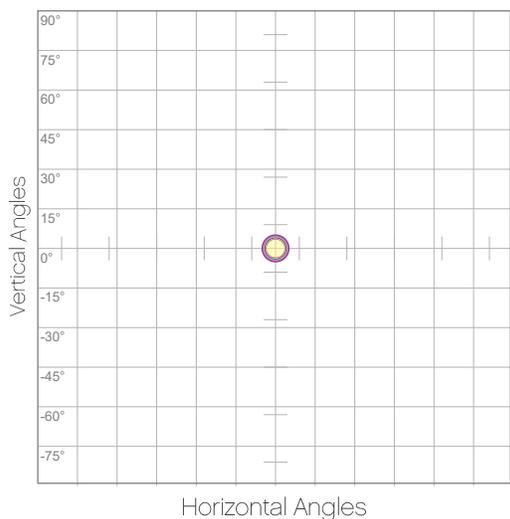
Rogue R3X Wash: Full Spot, Blue Only

Candela Plot



Beam Angle (50%): 9.4°
Field Angle (10%): 11.4°
Cutoff Angle (3%): 12.9°

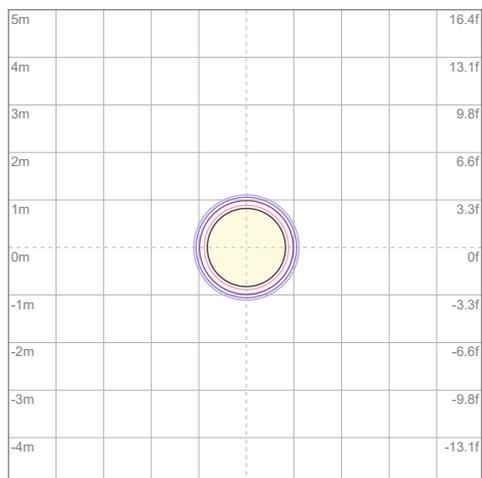
Polar Diagrams



iso-candela Diagram

10%	5481 cd
20%	10963 cd
30%	16444 cd
40%	21926 cd
50%	27407 cd
60%	32888 cd
70%	38370 cd
80%	43851 cd
90%	49332 cd

Conditions:
Number of c-planes: 2
Candela at center: 54814 cd



iso-illuminance Diagram

3%	16.4 lx
5%	27.4 lx
10%	54.8 lx
30%	164 lx
50%	274 lx

Conditions:
Number of c-planes: 2
Lux at center: 548 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 R3X Wash: Full Spot, White Only

Report Summary

Output

Total Lumens: 8586 lm
Peak Intensity: 313365 cd
Illuminance @ 5m: 12535 lux
Fixture Efficacy: 34 lm/W

Optical

Horizontal Beam Angle (50%): 9.3°
Vertical Beam Angle (50%): 9.3°
Horizontal Field Angle (10%): 11.6°
Vertical Field Angle (10%): 11.6°
Horizontal Cutoff Angle (3%): 13.2°
Vertical Cutoff Angle (3%): 13.2°



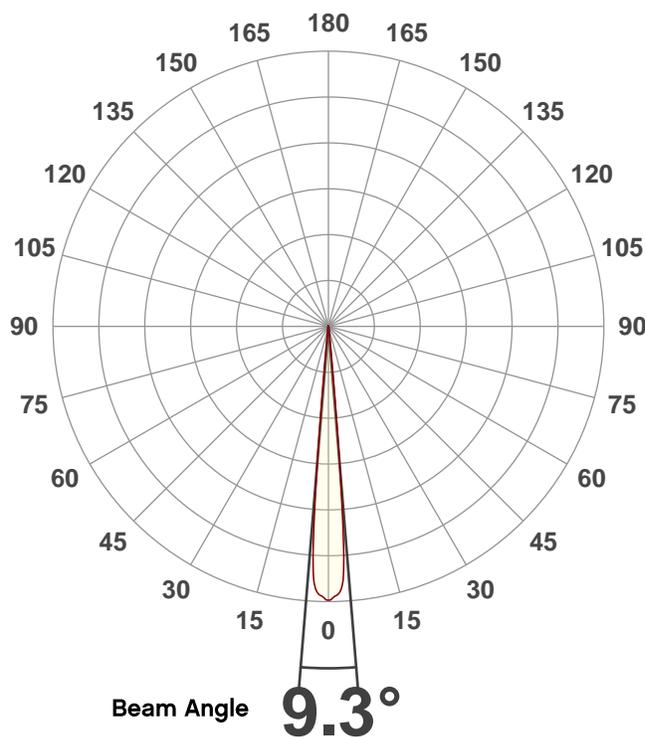
Conditions

AC Supply: 120 V, 60 Hz
Power: 254.73 W
Current: 2.13 A
Power Factor: 0.98

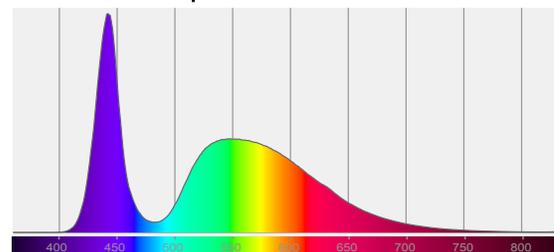
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Overall Measurement

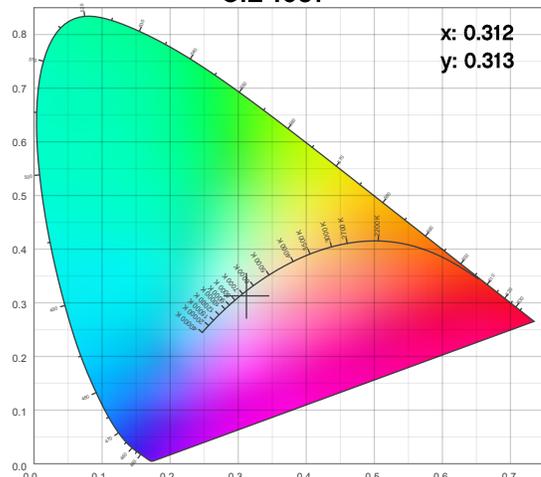
Angular Beam Distribution



Spectral Distribution



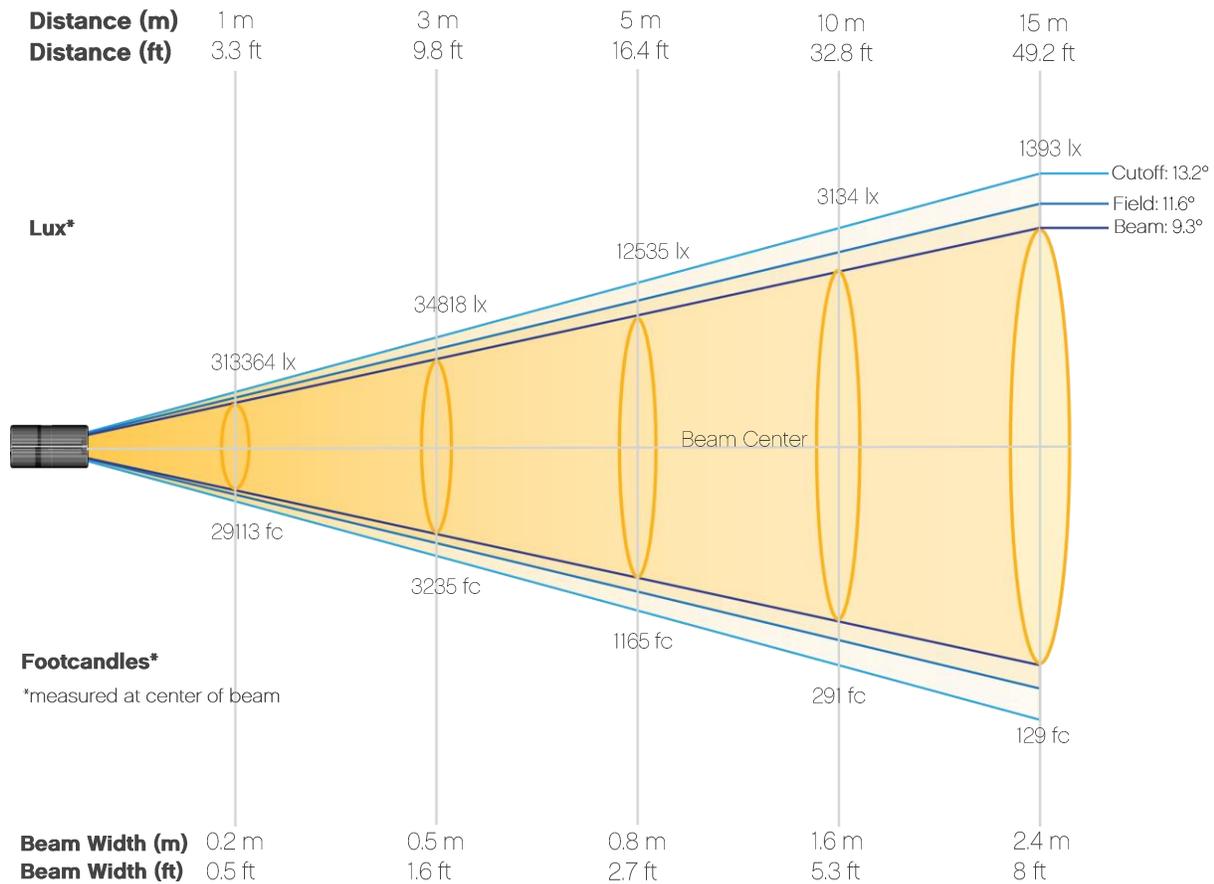
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, White Only

Beam Details

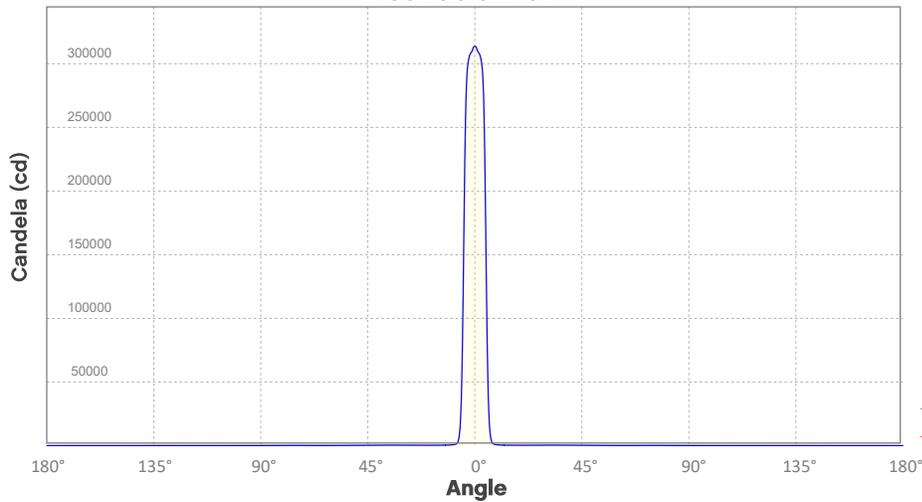


Beam Illuminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	313364	78341	34818	19585	12535	8705	6395	4896	3869	3134
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	2590	2176	1854	1599	1393	1224	1084	967	868	783
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	29113	7278	3235	1820	1165	809	594	455	359	291
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	241	202	172	149	129	114	101	90	81	73

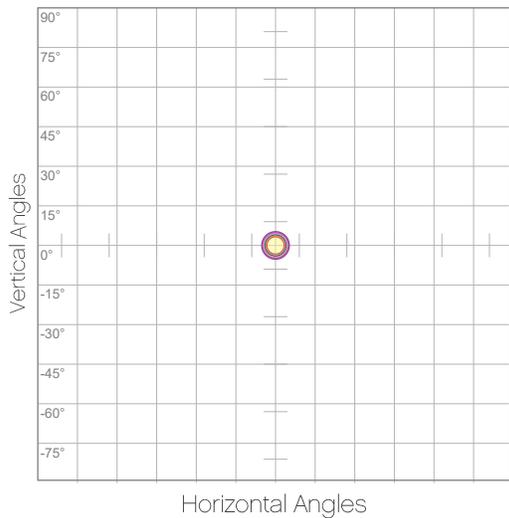
Photometric Report

Rogue R3X Wash: Full Spot, White Only
Candela Plot



Beam Angle (50%): 9.3°
Field Angle (10%): 11.6°
Cutoff Angle (3%): 13.2°

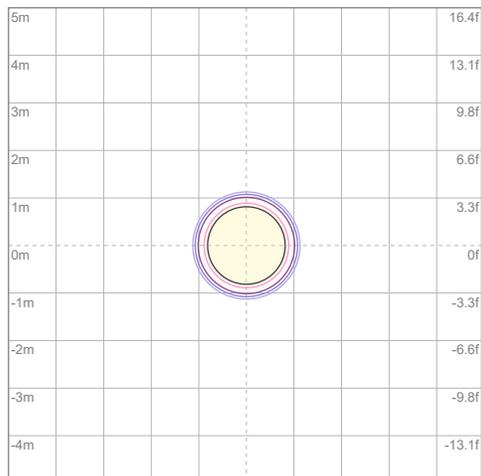
Polar Diagrams



iso-candela Diagram

10%	31336 cd
20%	62673 cd
30%	94009 cd
40%	125346 cd
50%	156682 cd
60%	188019 cd
70%	219355 cd
80%	250692 cd
90%	282028 cd

Conditions:
Number of c-planes: 2
Candela at center: 313364 cd



iso-illuminance Diagram

3%	94.0 lx
5%	157 lx
10%	313 lx
30%	940 lx
50%	1567 lx

Conditions:
Number of c-planes: 2
Lux at center: 3134 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 R3X Wash: Full Spot, 7500K

Report Summary

Output

Total Lumens: 11064 lm
Peak Intensity: 405573 cd
Illuminance @ 5m: 16223 lux
Fixture Efficacy: 24 lm/W

Optical

Horizontal Beam Angle (50%): 9.3°
Vertical Beam Angle (50%): 9.3°
Horizontal Field Angle (10%): 11.6°
Vertical Field Angle (10%): 11.6°
Horizontal Cutoff Angle (3%): 13.2°
Vertical Cutoff Angle (3%): 13.2°



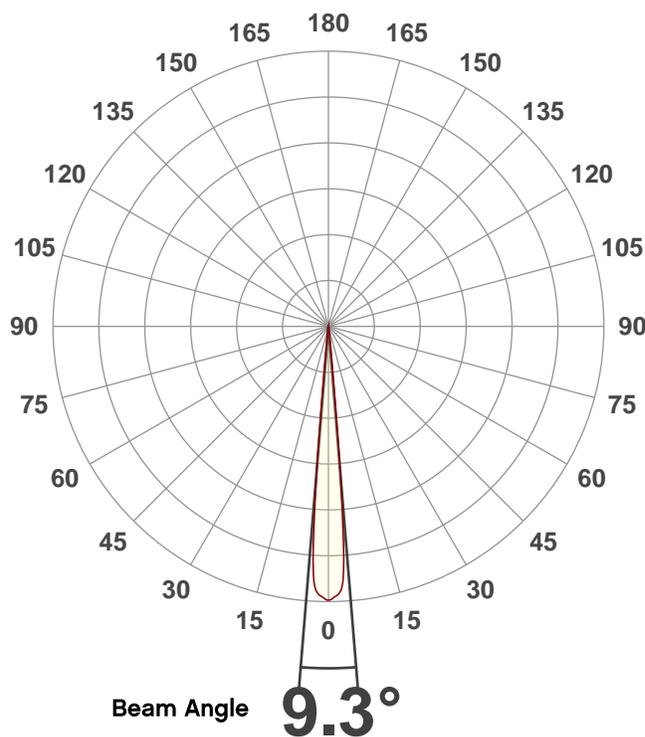
Conditions

AC Supply: 118 V, 60 Hz
Power: 457.59 W
Current: 3.87 A
Power Factor: 0.99

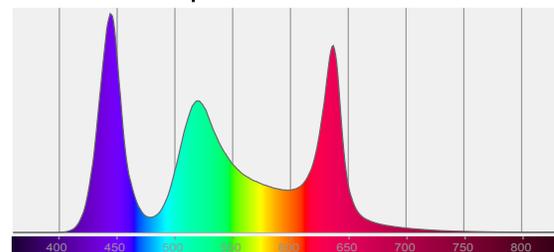
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Overall Measurement

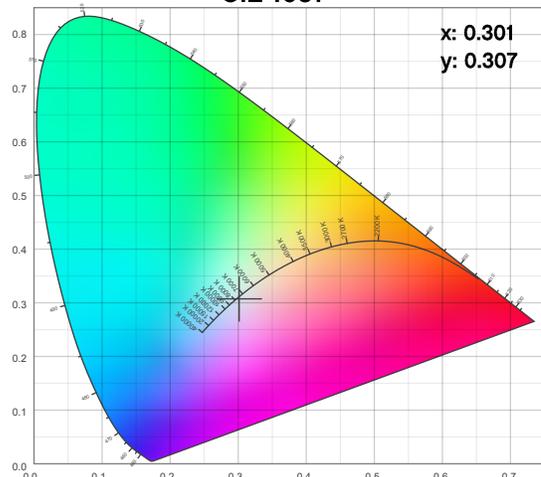
Angular Beam Distribution



Spectral Distribution



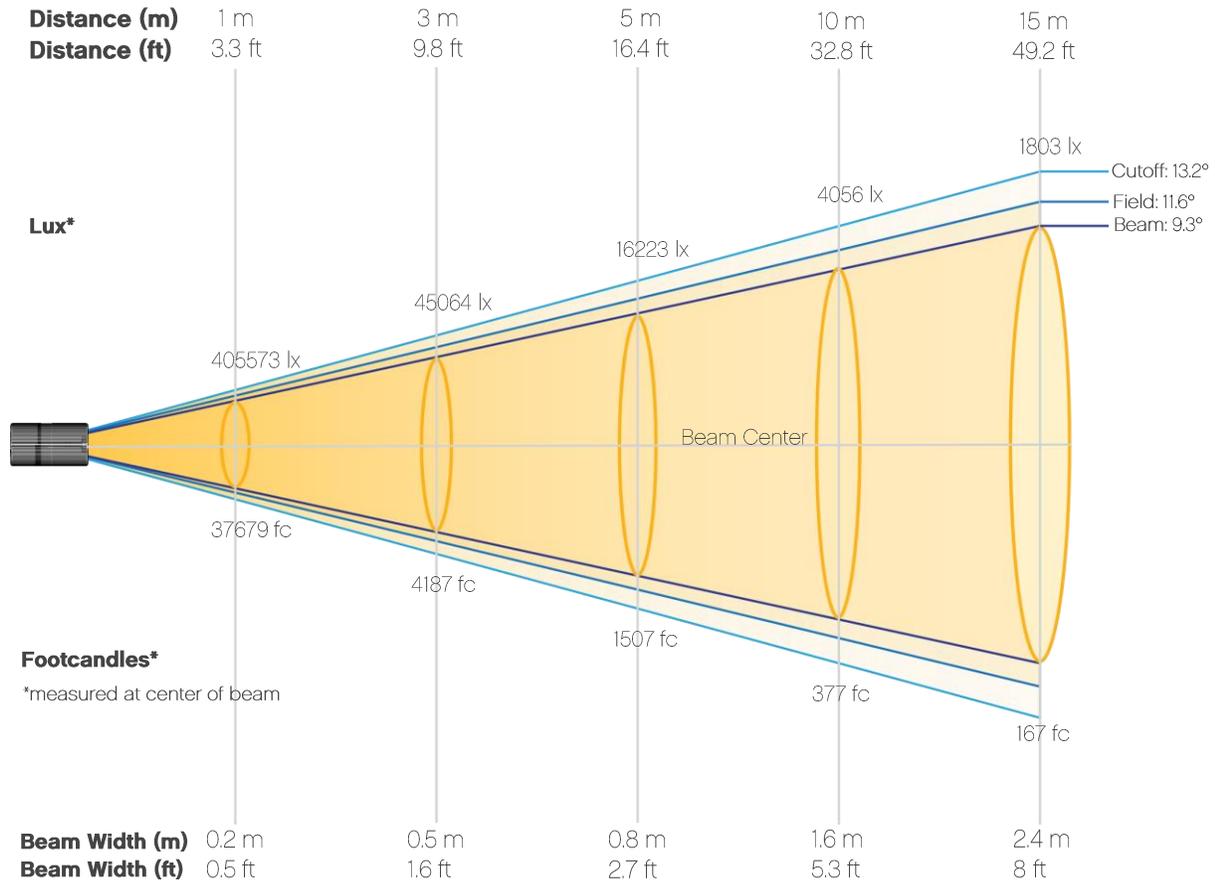
CIE 1931



Photometric Report

Rogue R3X Wash: Full Spot, 7500K

Beam Details



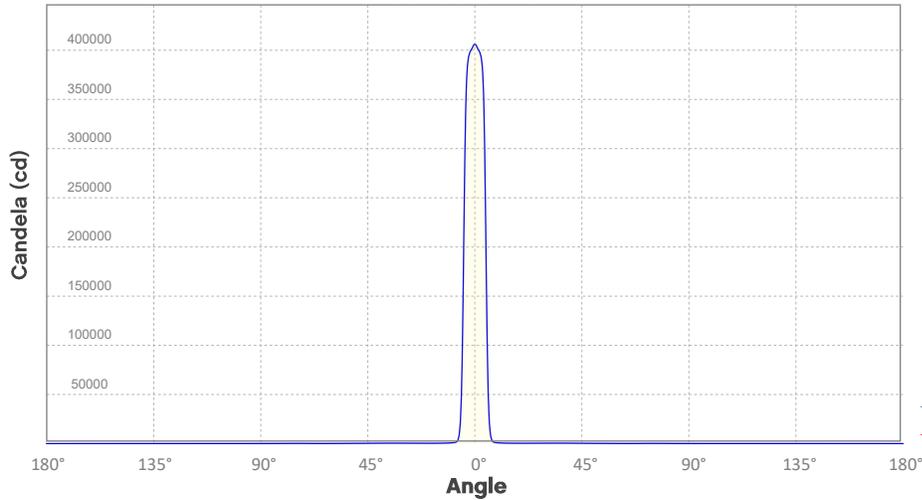
Beam luminances from 1-20m (3.3-65.6ft)

Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Lux	405573	101393	45064	25348	16223	11266	8277	6337	5007	4056
Distance	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
Lux	3352	2816	2400	2069	1803	1584	1403	1252	1123	1014
Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft
FC	37679	9420	4187	2355	1507	1047	769	589	465	377
Distance	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
FC	311	262	223	192	167	147	130	116	104	94

Photometric Report

Rogue R3X Wash: Full Spot, 7500K

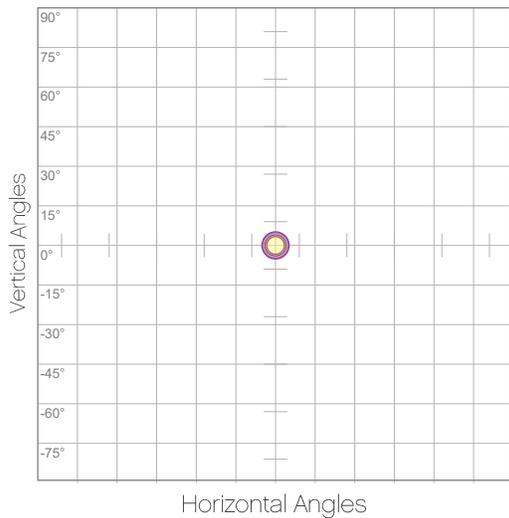
Candela Plot



Beam Angle (50%): 9.3°
Field Angle (10%): 11.6°
Cutoff Angle (3%): 13.2°

— Horizontal Distribution
— Vertical Distribution

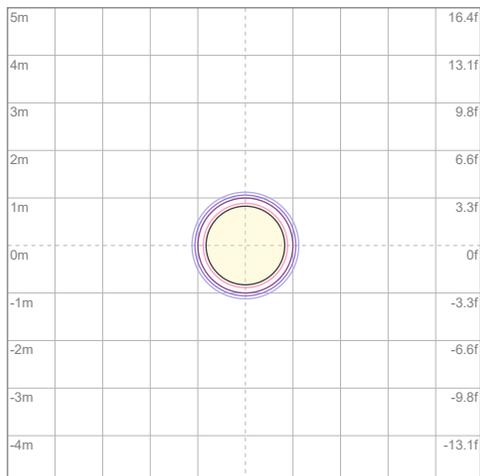
Polar Diagrams



iso-candela Diagram

10%	40557 cd
20%	81115 cd
30%	121672 cd
40%	162229 cd
50%	202786 cd
60%	243344 cd
70%	283901 cd
80%	324458 cd
90%	365015 cd

Conditions:
Number of c-planes: 2
Candela at center: 405573 cd



iso-illuminance Diagram

3%	122 lx
5%	203 lx
10%	406 lx
30%	1217 lx
50%	2028 lx

Conditions:
Number of c-planes: 2
Lux at center: 4056 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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Address: Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Address: 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@chauvet.com.mx Website: www.chauvetprofessional.mx

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