

Photometric Report

Report Summary (Full Flood, Full Power)

Output

Total Lumens: 14248 lm
Peak Intensity: 30724 cd
Illuminance @ 5m: 32500 lux
Fixture Efficacy: 17.81lm/W

Optical

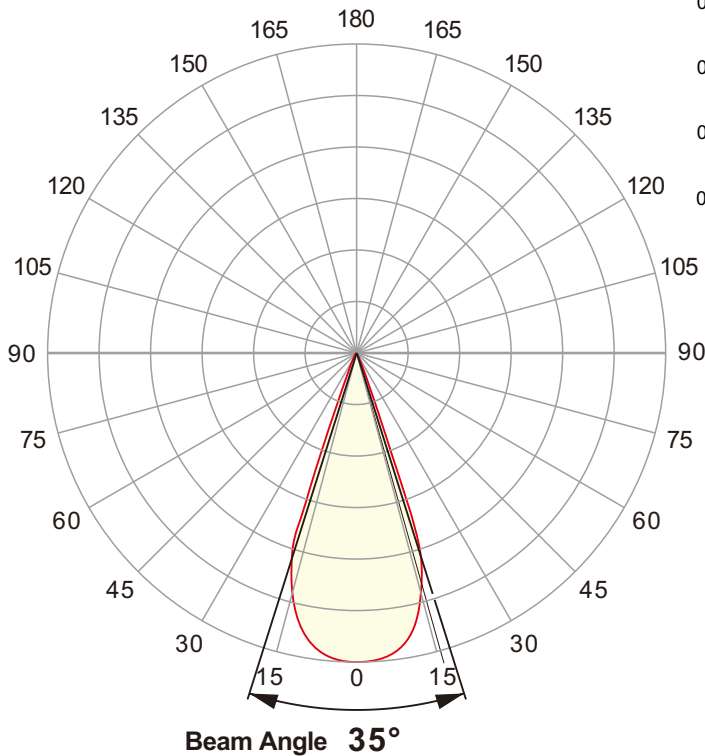
Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 60°
Vertical Field Angle (10%): 60°
Horizontal Cutoff Angle (3%): 63.5°
Vertical Cutoff Angle (3%): 63.5°

Conditions

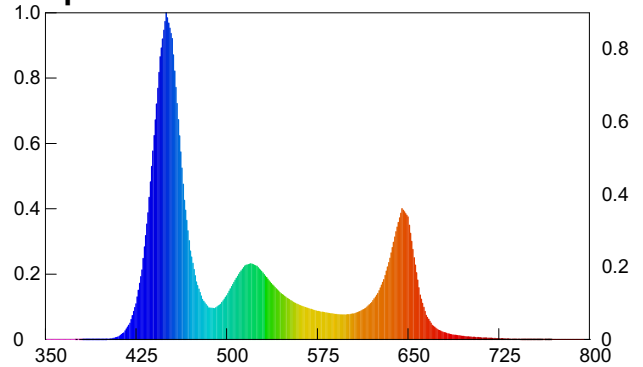
AC Supply: 230 V, 50 Hz
Power: 800 W
Current: 3.5 A
Power Factor: 0.991

Overall Measurement

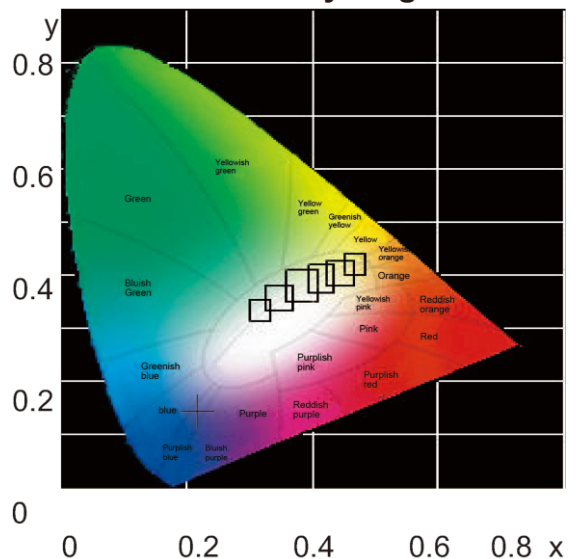
Angular Beam Distribution



Spectral Distribution



CIE 1931 Chromaticity Diagram

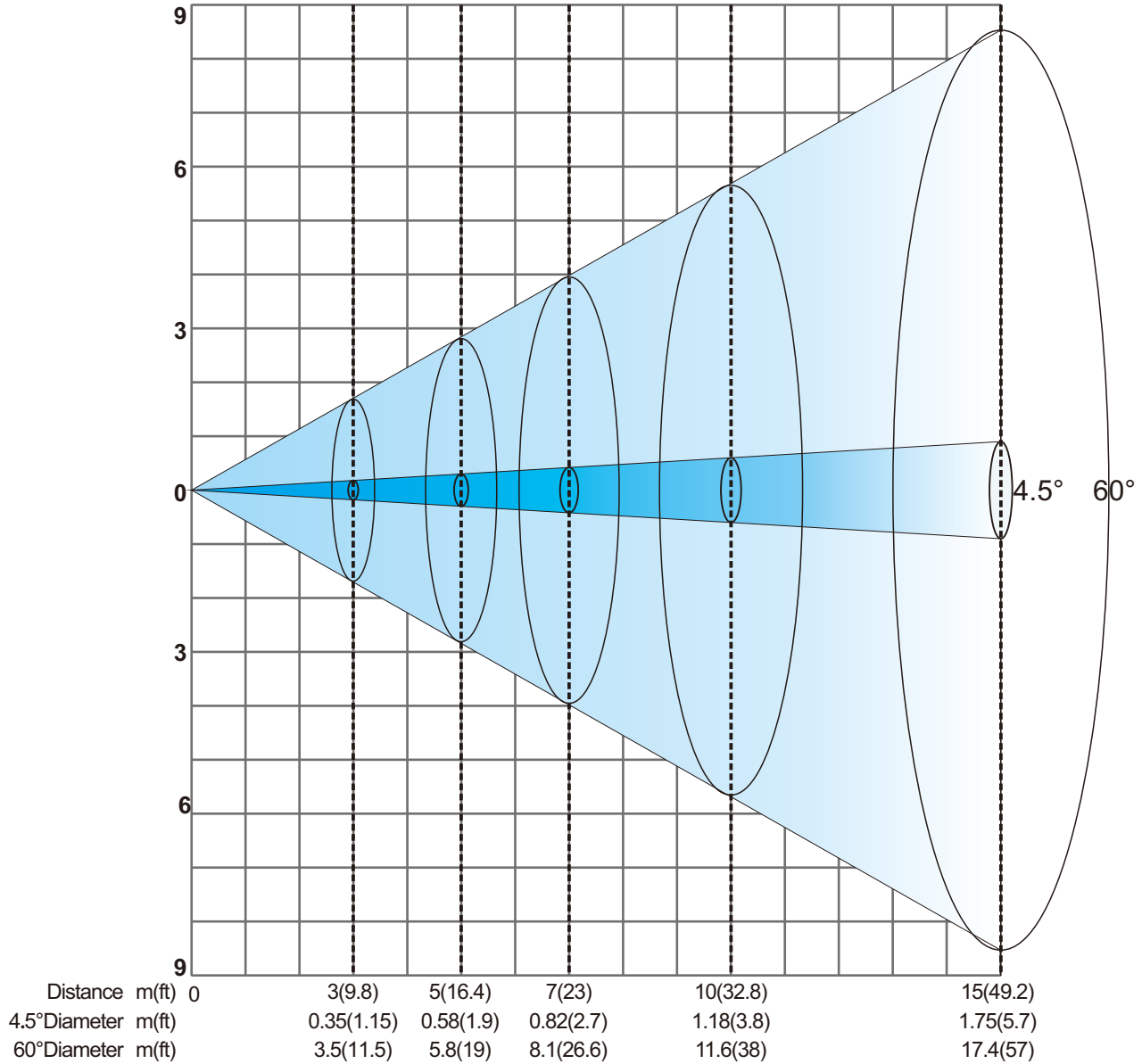


Photometric Report

Beam Details (RGBW, Full Power)

Distance, spot diameter and illumination diagram (Beam 4. 5° & 60°)

60° Lux(fc) RGBW	4375(440)	1738(162)	909(84)	468(43)	216(20)
4.5° Lux(fc) RGBW	86650(8053)	32500(3020)	12397(1152)	8160(758)	3611(336)



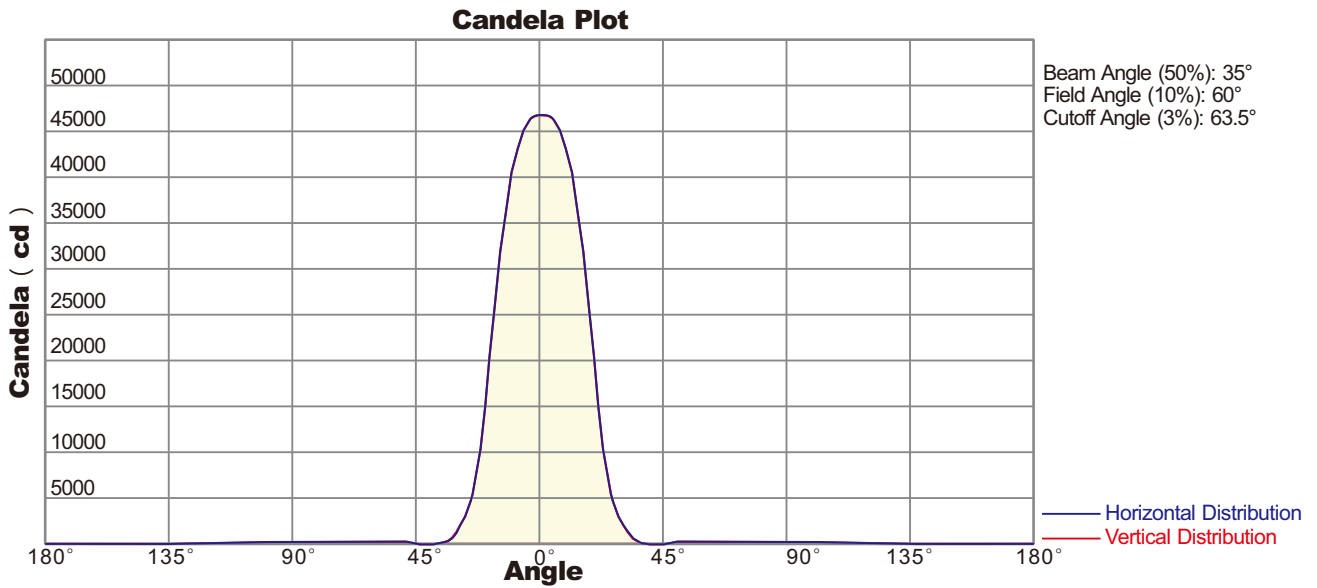
Beam Illuminances from 1-15m(3.3-49.2)

4.5° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
4.5° Lux	131000	124500	86650	49000	32500	21423	16320	12397	9576	8160	3611
45° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
4.5° FC	12175	11571	8053	4554	3020	1991	1517	1152	890	758	336

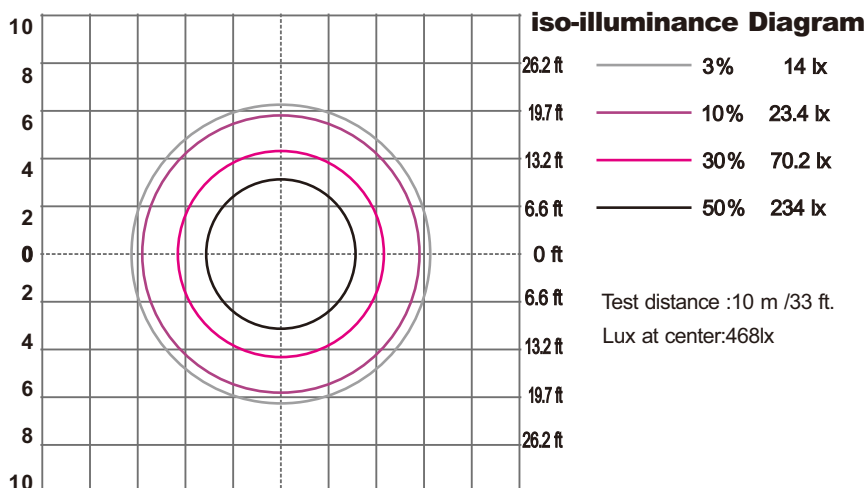
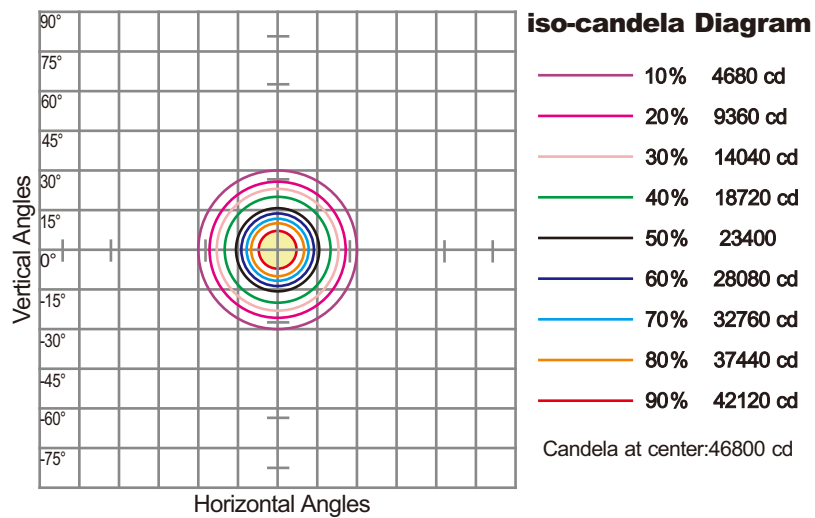
60° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
60° Lux	35032	10700	4735	2742	1738	1220	909	705	590	468	216
60° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
60° FC	3256	994	440	255	162	113	84	66	55	43	20

Photometric Report

RGBW, Full Flood, Full Power



Polar Diagrams



Photometric Report

Report Summary (Full Flood, Red Only)

Output

Total Lumens: 1851 lm
Peak Intensity: 4295 cd
Illuminance @ 5m: 5555 lux
Fixture Efficacy: 7.2lm/W

Optical

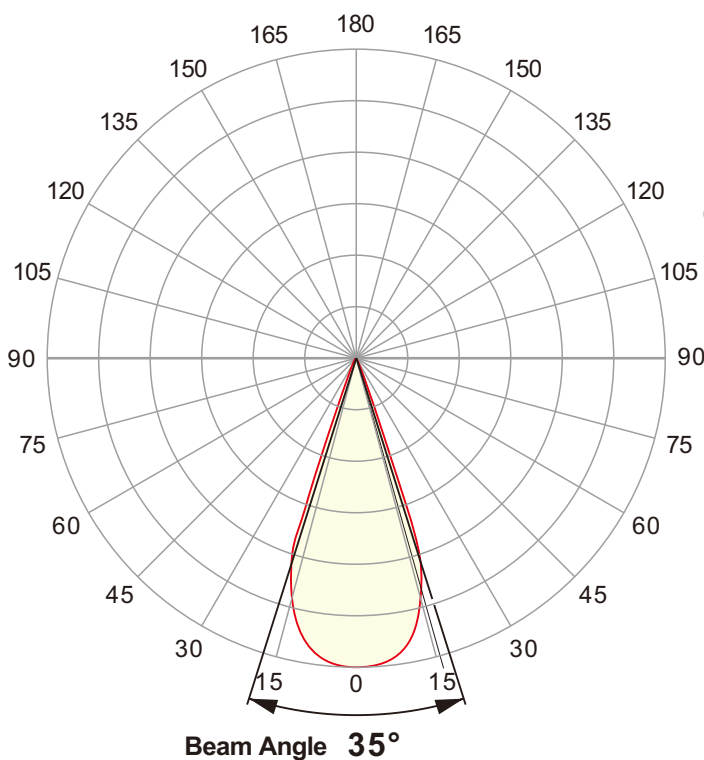
Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 60°
Vertical Field Angle (10%): 60°
Horizontal Cutoff Angle (3%): 63.5°
Vertical Cutoff Angle (3%): 63.5°

Conditions

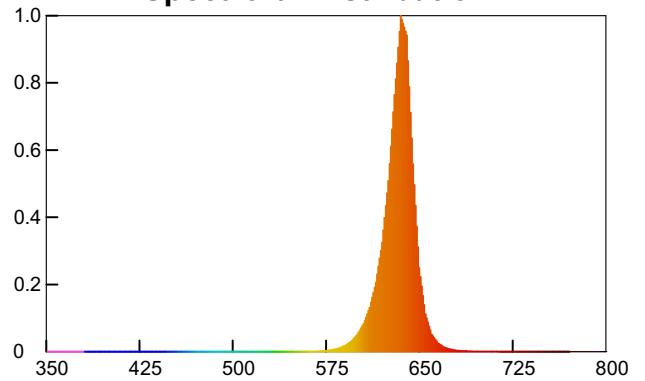
AC Supply: 230 V, 50 Hz
Power: 258.2 W
Current: 1.2 A
Power Factor: 0.97

Overall Measurement

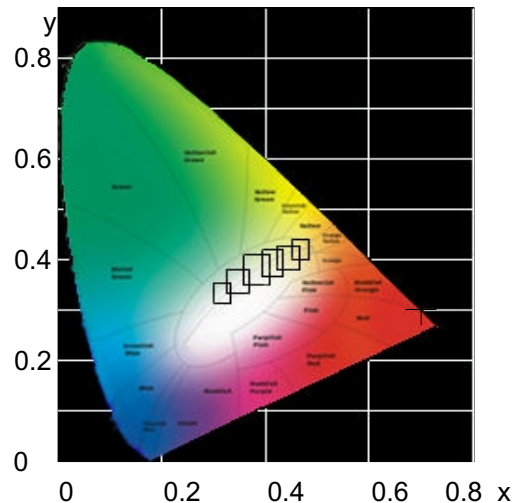
Angular Beam Distribution



Spectral Distribution



CIE 1931 Chromaticity Diagram

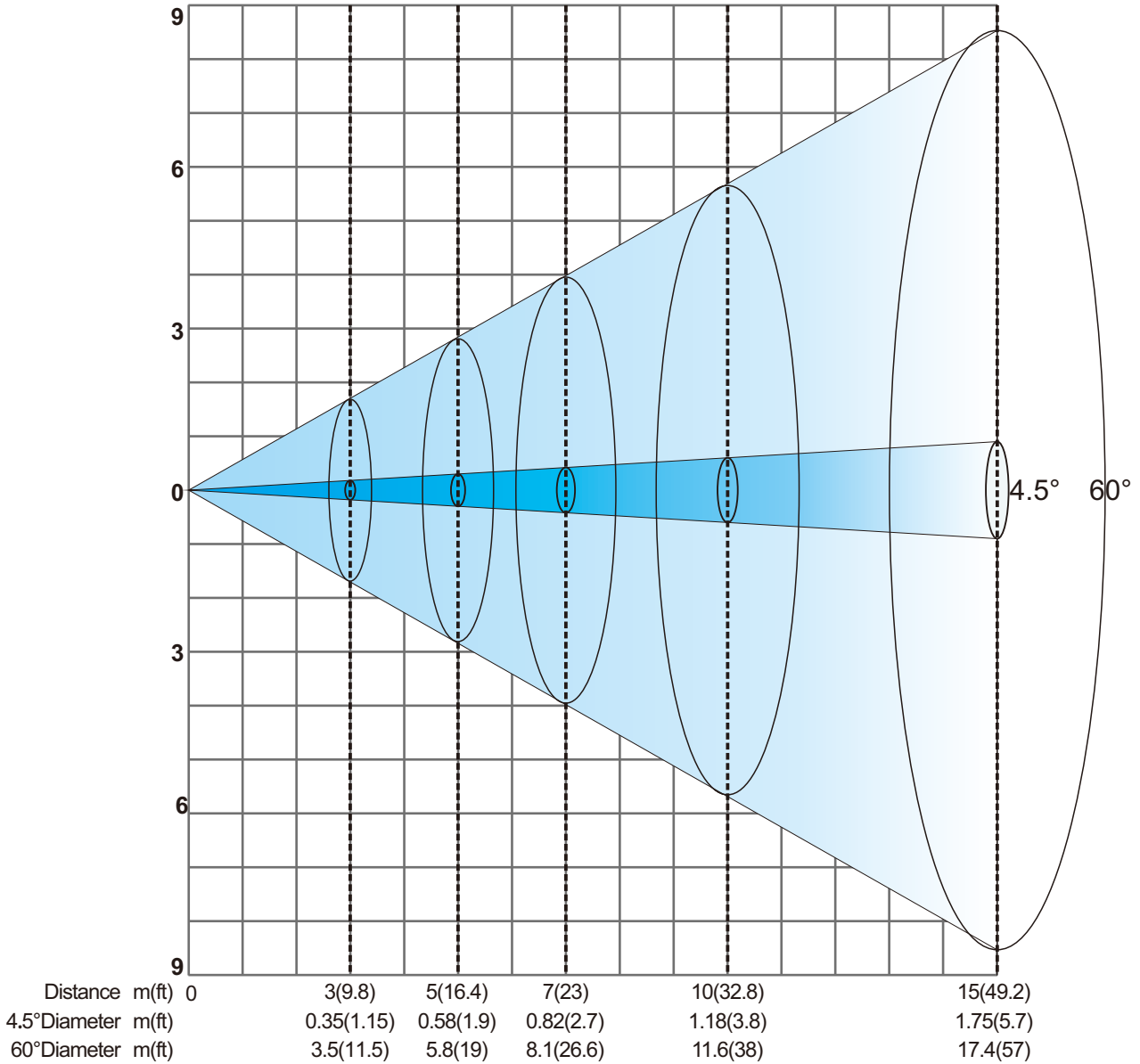


Photometric Report

Beam Details (Red Only)

Distance, spot diameter and illumination diagram (Beam 4. 5° & 60°)

60° Lux(fc) Red 841(78) 298(28) 159(15) 80(7) 39(4)
 4.5° Lux(fc) Red 14720(1368) 5555(516) 3010(280) 1335(124) 643(60)



Beam Illuminances from 1-15m(3.3-49.2)

4.5° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
4.5° Lux	23750	20200	14720	8500	5555	3816	3010	2130	1691	1335	643
4.5° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
4.5° FC	2207	1877	1368	790	516	355	280	198	157	124	60
60° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
60° Lux	6095	1860	841	475	298	215	159	123	99	80	39
60° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
60° FC	556	173	78	44	28	20	15	11	9	7	4

Photometric Report

Report Summary (Full Flood, Green Only)

Output

Total Lumens: 3712 lm
Peak Intensity: 8389 cd
Illuminance @ 5m: 10874 lux
Fixture Efficacy: 11.28 lm/W

Optical

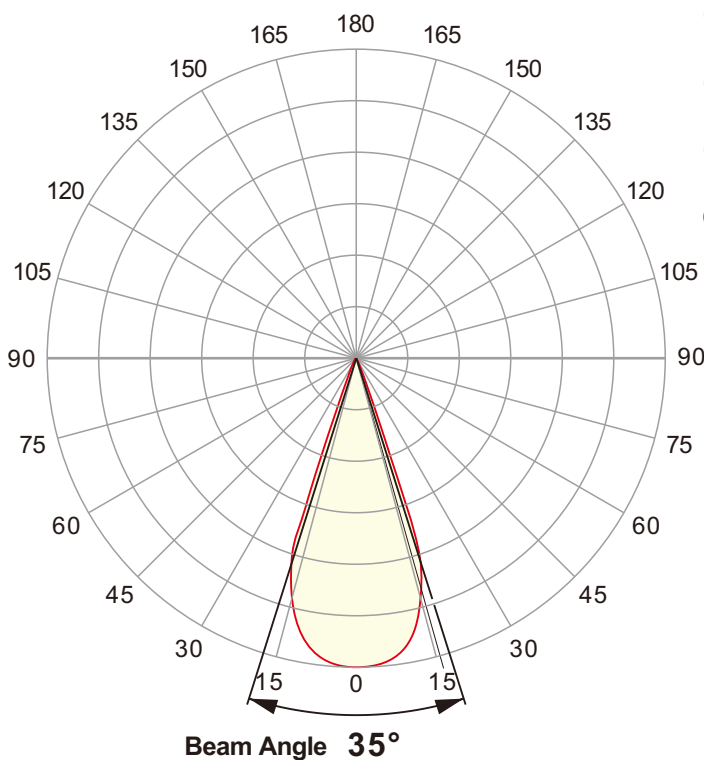
Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 60°
Vertical Field Angle (10%): 60°
Horizontal Cutoff Angle (3%): 63.5°
Vertical Cutoff Angle (3%): 63.5°

Conditions

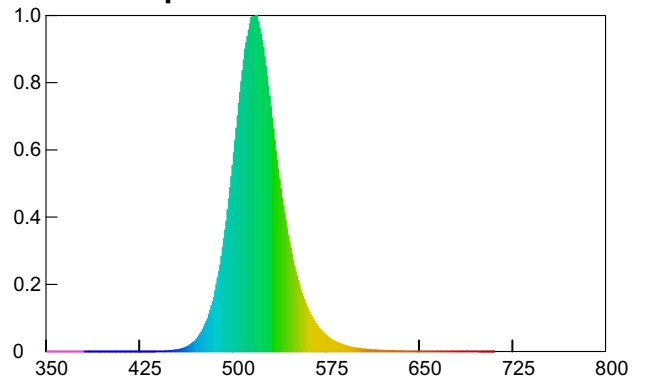
AC Supply: 230 V, 50 Hz
Power: 328.5 W
Current: 1.5 A
Power Factor: 0.98

Overall Measurement

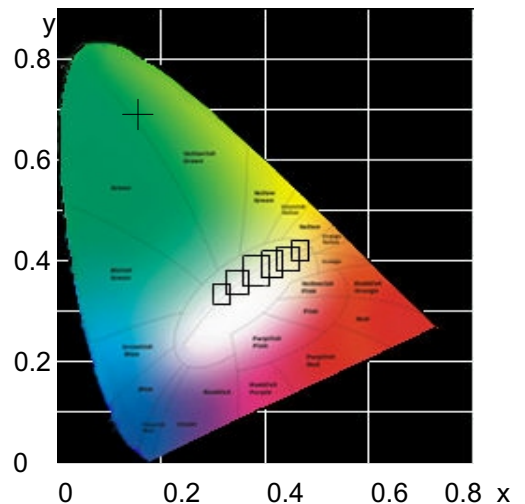
Angular Beam Distribution



Spectral Distribution



CIE 1931 Chromaticity Diagram

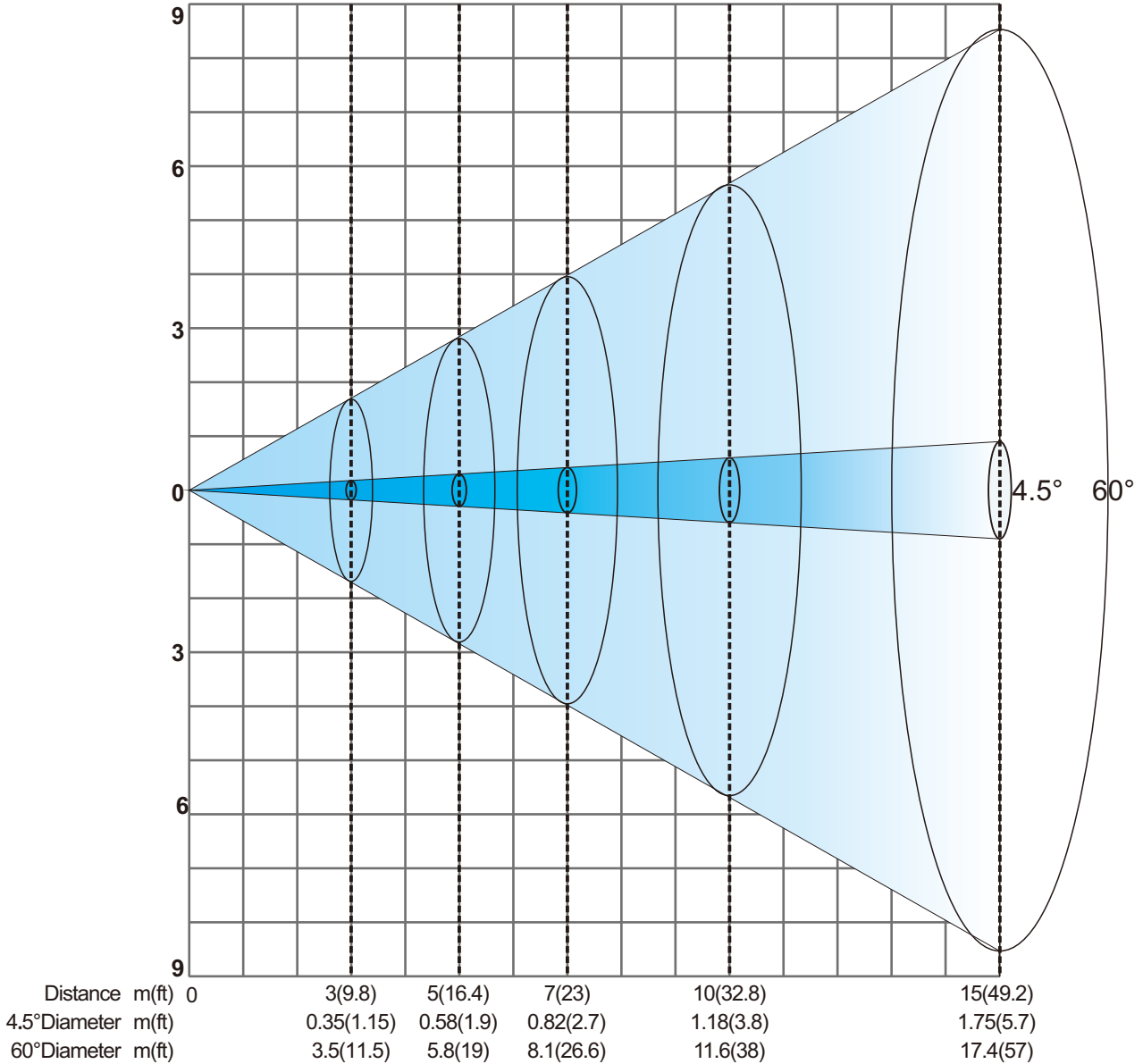


Photometric Report

Beam Details (Green Only)

Distance, spot diameter and illumination diagram (Beam 4. 5° & 60°)

60° Lux(fc) Green 1664(155) 596(55) 314(29) 167(16) 78(7)
 4.5° Lux(fc) Green 29538(2745) 10874(1011) 5480(509) 2650(246) 1251(116)



Beam Illuminances from 1-15m(3.3-49.2)

4.5° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
4.5° Lux	45000	42050	29538	16540	10874	7375	5480	4165	3270	2650	1251
45° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7t	23ft	26.2ft	29.5ft	32.8ft	49.2ft
4.5° FC	4182	3908	2745	1537	1011	685	509	387	304	246	116
60° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
60° Lux	12134	3682	1664	947	596	428	314	246	198	167	78
60° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7t	23ft	26.2ft	29.5ft	32.8ft	49.2ft
60° FC	1128	342	155	88	55	40	29	23	18	16	7

Photometric Report

Report Summary (Full Flood, Blue Only)

Output

Total Lumens: 925 lm
Peak Intensity: 2057 cd
Illuminance @ 5m: 2615 lux
Fixture Efficacy: 3.12 lm/W

Optical

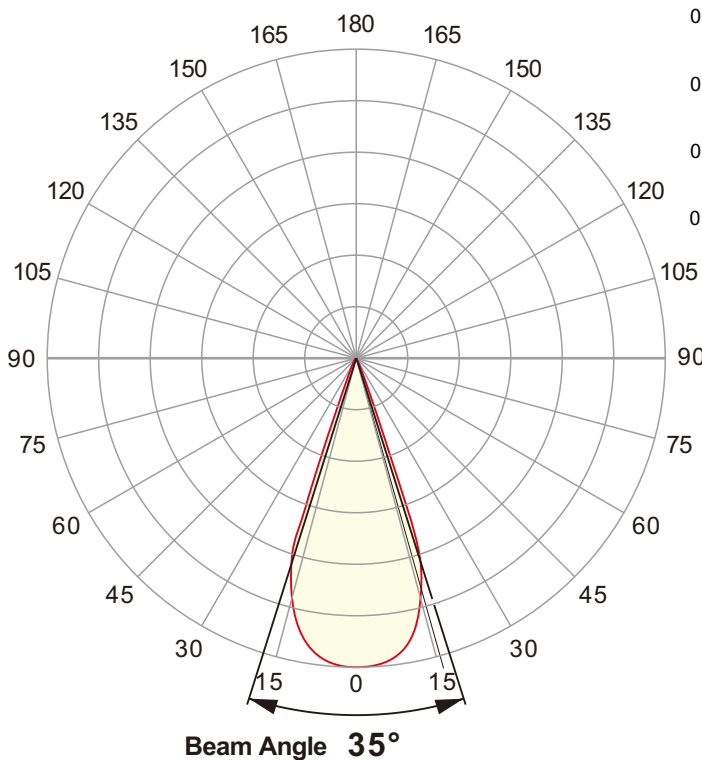
Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 60°
Vertical Field Angle (10%): 60°
Horizontal Cutoff Angle (3%): 63.5°
Vertical Cutoff Angle (3%): 63.5°

Conditions

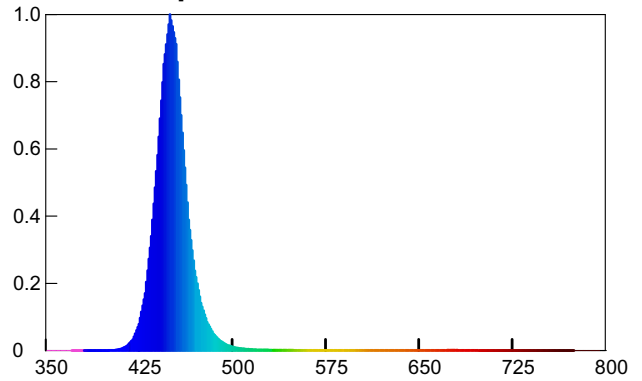
AC Supply: 230 V, 50 Hz
Power: 298.2 W
Current: 1.39 A
Power Factor: 0.98

Overall Measurement

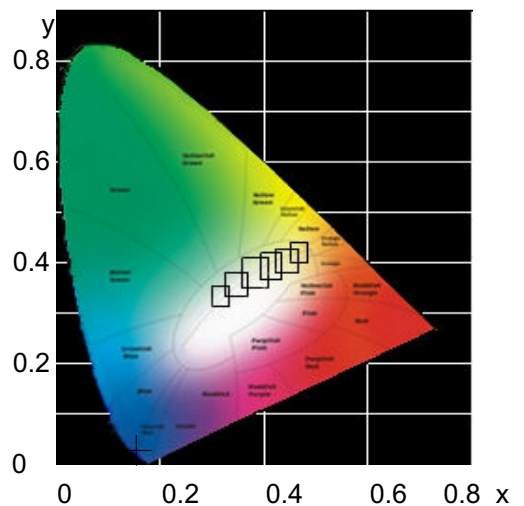
Angular Beam Distribution



Spectral Distribution



CIE 1931 Chromaticity Diagram



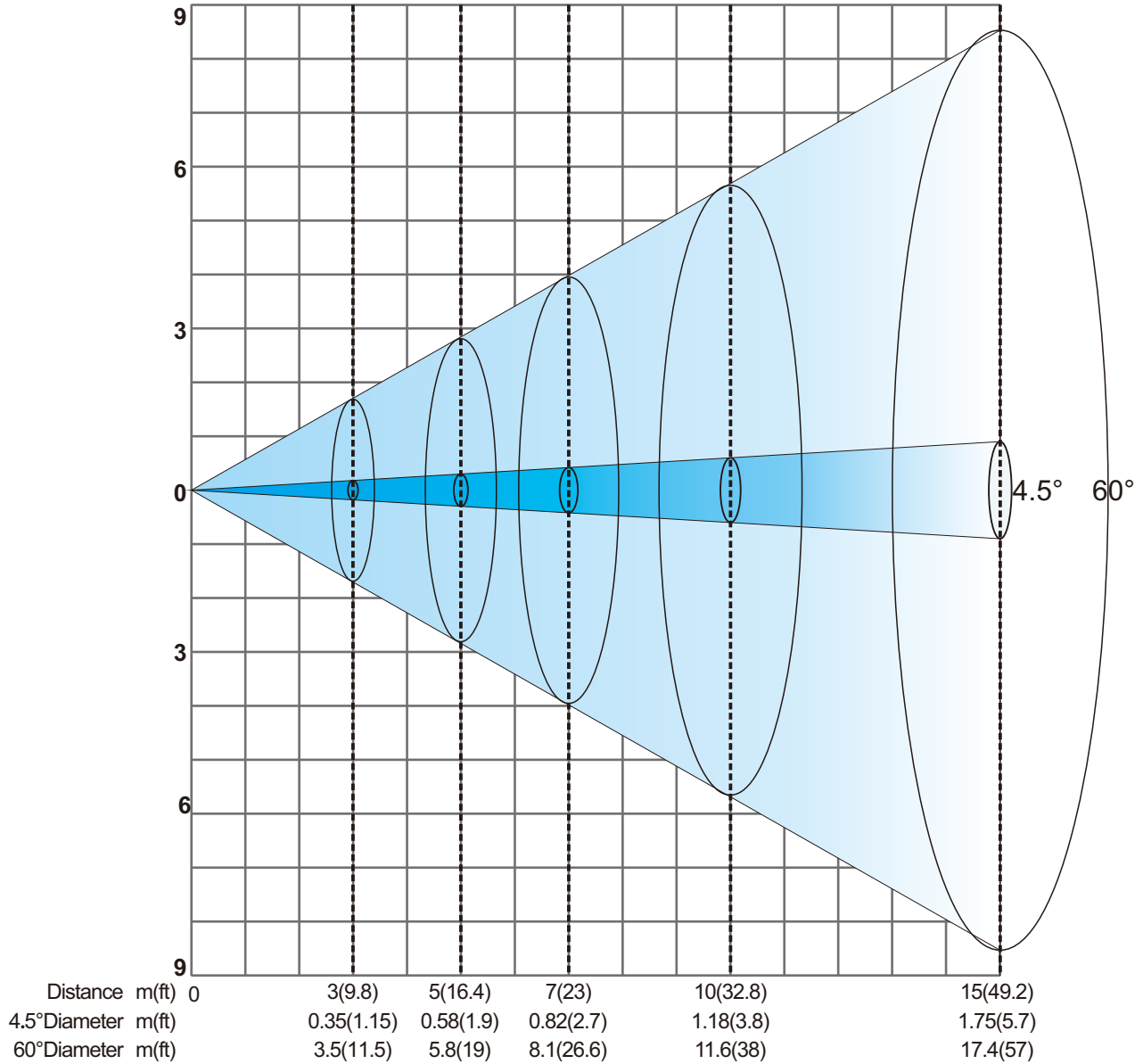
Photometric Report

Beam Details (Blue Only)

Distance, spot diameter and illumination diagram (Beam 4. 5° & 60°)

60° Lux(fc) Blue
4.5° Lux(fc) Blue

408(38) 146(14) 76(7) 41(4) 19(1.8)
7153(665) 2615(243) 1332(124) 638(59) 295(27)



Beam Illuminances from 1-15m(3.3-49.2)

4.5° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
4.5° Lux	10880	10435	7153	3980	2615	1741	1332	1007	790	638	295
45° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
4.5° FC	1011	970	665	370	243	165	124	94	73	59	27
60° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
60° Lux	2990	880	408	229	146	105	76	60	48	41	19
60° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
60° FC	278	82	38	21	14	10	7	6	4	4	2

Photometric Report

Report Summary (Full Flood, White Only)

Output

Total Lumens: 5511 lm
Peak Intensity: 11904 cd
Illuminance @ 5m: 16275 lux
Fixture Efficacy: 18.6 lm/W

Optical

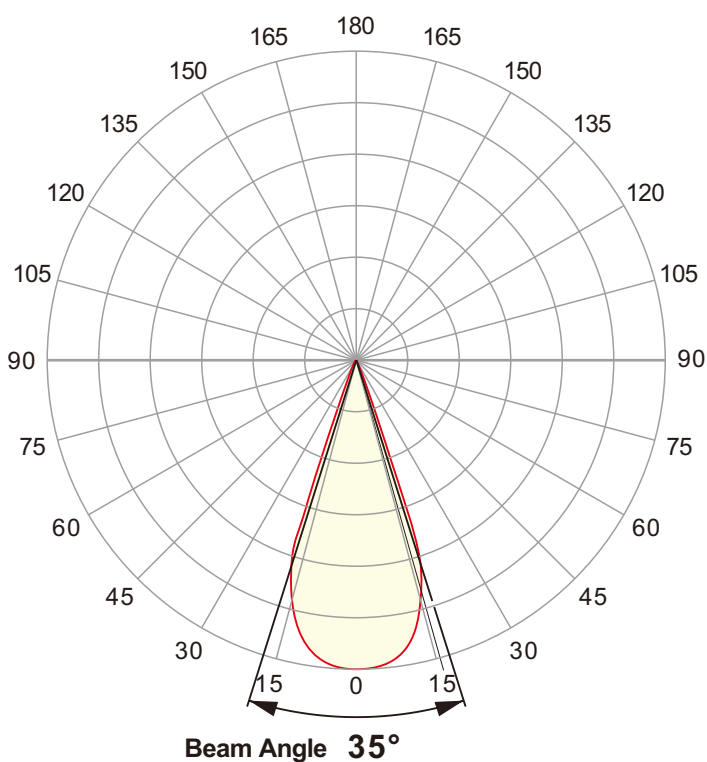
Horizontal Beam Angle (50%): 35°
Vertical Beam Angle (50%): 35°
Horizontal Field Angle (10%): 60°
Vertical Field Angle (10%): 60°
Horizontal Cutoff Angle (3%): 63.5°
Vertical Cutoff Angle (3%): 63.5°

Conditions

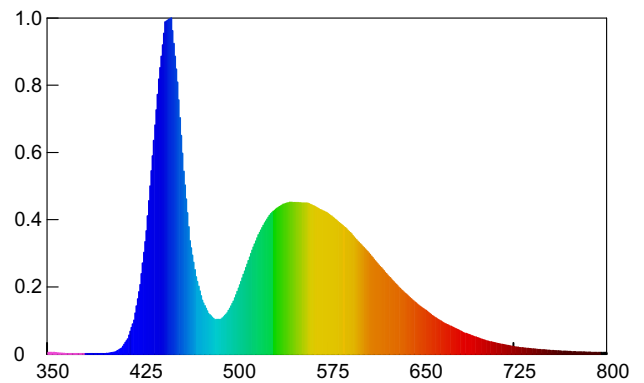
AC Supply: 230 V, 50 Hz
Power: 296 W
Current: 1.38 A
Power Factor: 0.98

Overall Measurement

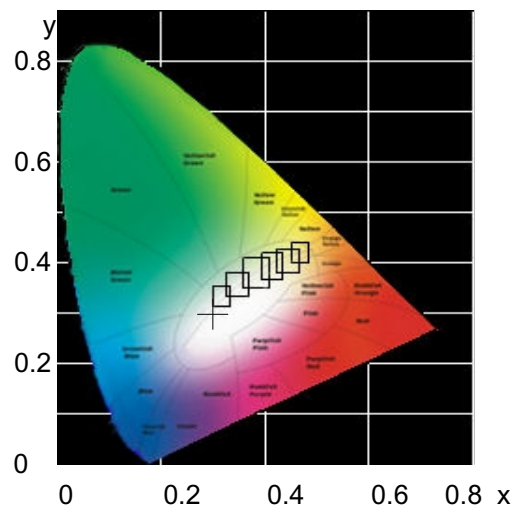
Angular Beam Distribution



Spectral Distribution



CIE 1931 Chromaticity Diagram

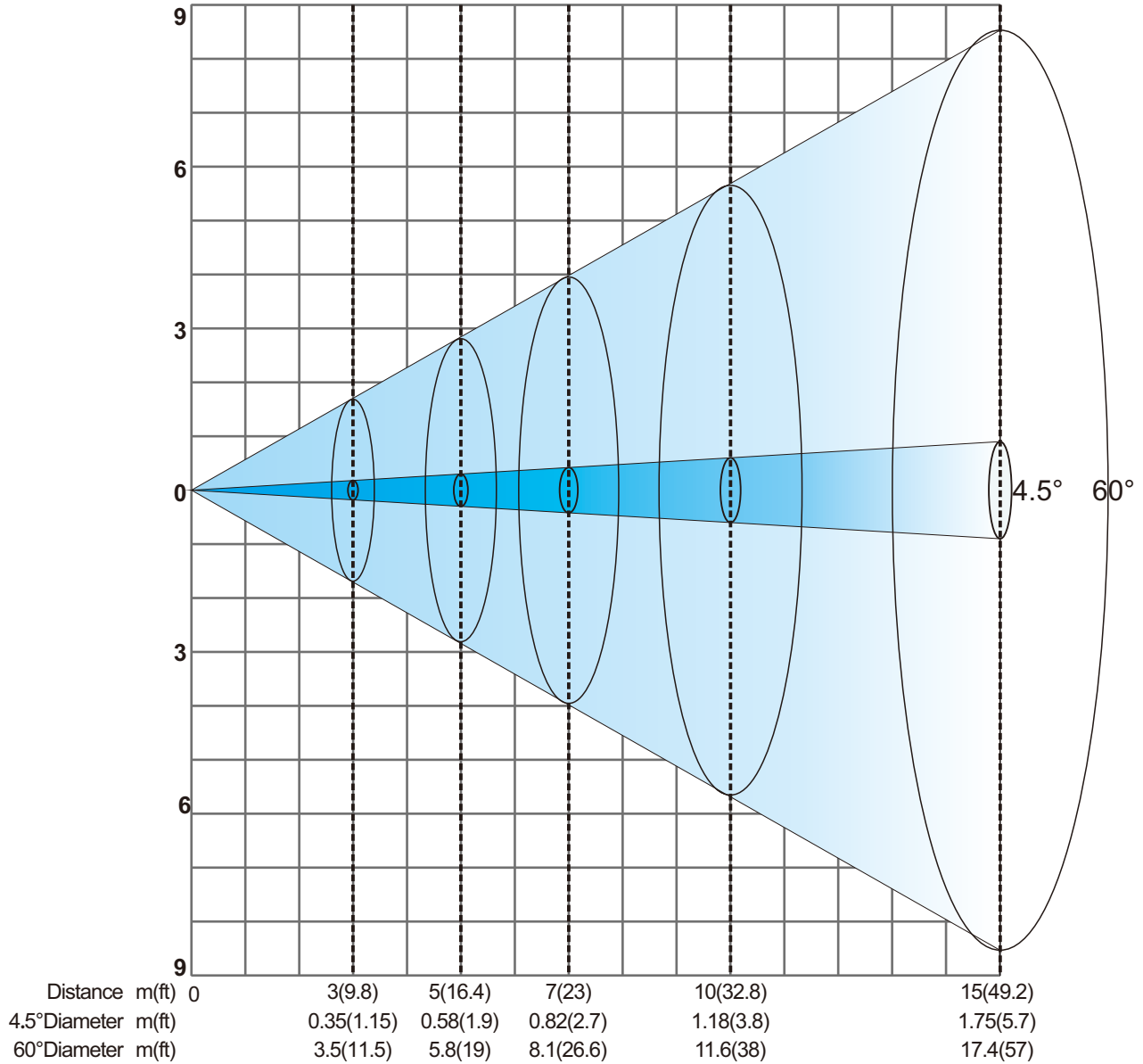


Photometric Report

Beam Details (White Only)

Distance, spot diameter and illumination diagram (Beam 4. 5° & 60°)

60° Lux(fc) White	2732(220)	860(80)	449(42)	230(21)	108(10)
4.5° Lux(fc) White	43620(4054)	16275(1513)	8254(767)	3980(370)	1812(168)



Beam Illuminances from 1-15m(3.3-49.2)

4.5° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
4.5° Lux	65600	61955	43620	24864	16275	10988	8254	6271	4945	3980	1812
4.5° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
4.5° FC	6097	5758	4054	2311	1513	1021	767	583	460	370	168
60° Distance	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	15m
60° Lux	17332	5280	2372	1351	860	614	449	346	290	230	108
60° Distance	3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	49.2ft
60° FC	1611	491	220	126	80	57	42	32	27	21	10