

## Luminaire Property

Luminaire: RH-PL6262 UGR<19 4000K

Report NO.:

Test NO.:

Lamp:

Sum Lumens: 4716.92 lm

Number of Lamps: 1

Diameter: mm

Length: 620mm

Photometric Type: Type C

Voltage: 230.2 V

Current: 0.173 A

Power: 38.8 W

Power Factor: 0.974

Ballast Type: 锐高LC44 1050mA fixc SR ADV2 1050mA

Width: 620mm

Height: 12mm

Remark: OSRAM 0.5W SMD2835 12C18B

## Photometric Results

Lumens: 4716.92 lm

Efficiency: 121.5701 lm/W

Central Intensity: 2334.656cd

Maximum Intensity: 2396.316cd

Beam Angle(10%): Left: -78.0 Right:66.5

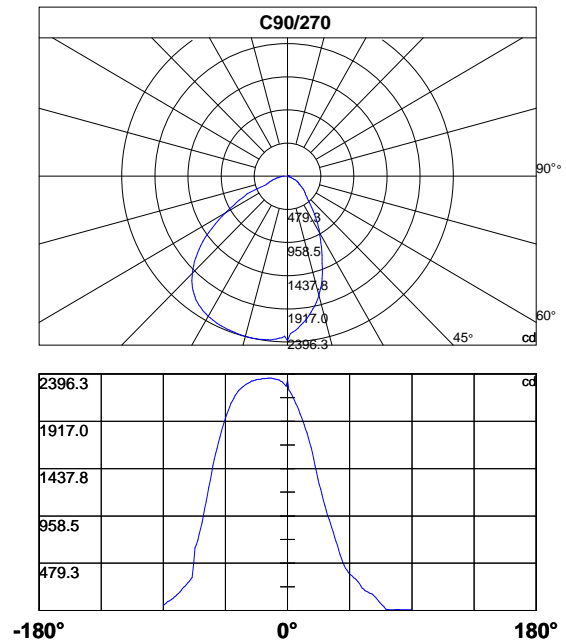
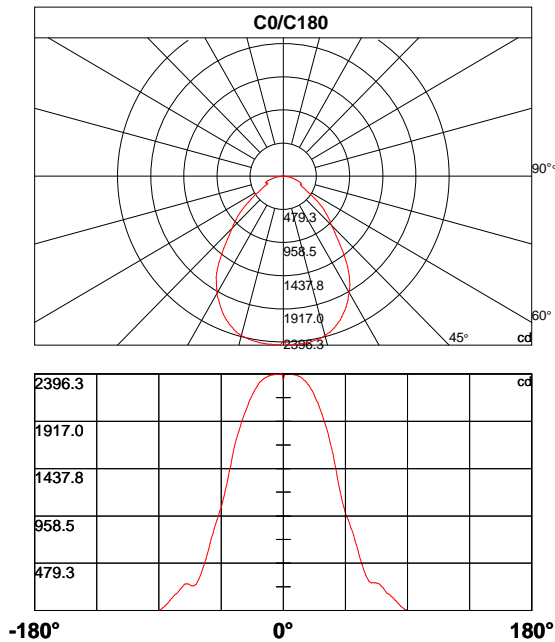
Angle of maximum intensity: C:0.0 G:5.0

Half Peak Side Angle(50%): Left: -47.2 Right:36.2

Light Out Rate(LOR) : 100.00%

Up Flux Rate: 0.0%

Down Flux Rate: 100.0%



### Photometric Data Table [cd]

C\G	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	2334.7	2393.1	2394.3	2393.4	2393.7	2396.3	2391.3	2394.3	2386.9	2388.4
45.0	2334.7	2235.7	2212.8	2190.0	2159.2	2127.6	2095.3	2065.4	2033.4	1994.2
90.0	2334.7	2235.7	2212.8	2190.0	2159.2	2127.6	2095.3	2065.4	2033.4	1994.2
135.0	2334.7	2393.1	2396.0	2396.0	2391.1	2390.7	2392.8	2387.2	2388.7	2382.0
180.0	2334.7	2393.1	2396.0	2396.0	2391.1	2390.7	2392.8	2387.2	2388.7	2382.0
225.0	2334.7	2272.3	2291.4	2301.1	2317.2	2321.9	2334.8	2338.0	2343.3	2346.5
270.0	2334.7	2272.3	2291.4	2301.1	2317.2	2321.9	2334.8	2338.0	2343.3	2346.5
315.0	2334.7	2393.1	2394.3	2393.4	2393.7	2396.3	2391.3	2394.3	2386.9	2388.4
360.0	2334.7	2393.1	2394.3	2393.4	2393.7	2396.3	2391.3	2394.3	2386.9	2388.4

C\G	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	2383.7	2374.0	2371.1	2362.9	2353.2	2337.1	2326.5	2309.9	2289.9	2273.2
45.0	1956.1	1920.3	1885.1	1840.6	1798.4	1751.8	1702.6	1651.6	1596.8	1534.0
90.0	1956.1	1920.3	1885.1	1840.6	1798.4	1751.8	1702.6	1651.6	1596.8	1534.0
135.0	2378.4	2372.9	2364.7	2358.8	2348.3	2339.7	2327.5	2311.9	2294.0	2269.1
180.0	2378.4	2372.9	2364.7	2358.8	2348.3	2339.7	2327.5	2311.9	2294.0	2269.1
225.0	2348.8	2350.3	2354.4	2355.0	2354.7	2350.6	2350.6	2348.3	2351.2	2344.7
270.0	2348.8	2350.3	2354.4	2355.0	2354.7	2350.6	2350.6	2348.3	2351.2	2344.7
315.0	2383.7	2374.0	2371.1	2362.9	2353.2	2337.1	2326.5	2309.9	2289.9	2273.2
360.0	2383.7	2374.0	2371.1	2362.9	2353.2	2337.1	2326.5	2309.9	2289.9	2273.2

C\G	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	2246.5	2224.3	2196.1	2165.3	2130.8	2104.4	2066.6	2029.4	1990.1	1943.8
45.0	1464.9	1397.2	1333.8	1276.4	1226.9	1171.2	1114.3	1060.7	1014.4	965.1
90.0	1464.9	1397.2	1333.8	1276.4	1226.9	1171.2	1114.3	1060.7	1014.4	965.1
135.0	2246.5	2221.9	2199.3	2168.6	2136.6	2103.8	2067.4	2029.1	1992.7	1959.9
180.0	2246.5	2221.9	2199.3	2168.6	2136.6	2103.8	2067.4	2029.1	1992.7	1959.9
225.0	2342.9	2340.6	2340.9	2334.8	2330.7	2327.1	2324.2	2314.5	2307.5	2300.2
270.0	2342.9	2340.6	2340.9	2334.8	2330.7	2327.1	2324.2	2314.5	2307.5	2300.2
315.0	2246.5	2224.3	2196.1	2165.3	2130.8	2104.4	2066.6	2029.4	1990.1	1943.8
360.0	2246.5	2224.3	2196.1	2165.3	2130.8	2104.4	2066.6	2029.4	1990.1	1943.8

C\G	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	1906.3	1864.3	1814.8	1764.4	1703.1	1641.3	1589.1	1513.2	1440.5	1361.4
45.0	925.9	884.8	838.8	793.7	744.4	702.8	660.6	612.5	569.2	526.1
90.0	925.9	884.8	838.8	793.7	744.4	702.8	660.6	612.5	569.2	526.1
135.0	1917.4	1867.6	1825.4	1775.0	1735.4	1673.0	1612.6	1546.0	1470.7	1411.5
180.0	1917.4	1867.6	1825.4	1775.0	1735.4	1673.0	1612.6	1546.0	1470.7	1411.5
225.0	2294.6	2281.1	2271.7	2262.4	2248.0	2235.7	2218.1	2198.8	2175.6	2148.4
270.0	2294.6	2281.1	2271.7	2262.4	2248.0	2235.7	2218.1	2198.8	2175.6	2148.4
315.0	1906.3	1864.3	1814.8	1764.4	1703.1	1641.3	1589.1	1513.2	1440.5	1361.4
360.0	1906.3	1864.3	1814.8	1764.4	1703.1	1641.3	1589.1	1513.2	1440.5	1361.4

### Photometric Data Table [cd]

C\G	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	1286.1	1212.8	1153.0	1092.3	1039.0	990.3	946.4	917.1	879.9	837.3
45.0	485.1	456.6	427.9	408.6	385.1	368.7	356.4	345.3	328.9	321.2
90.0	485.1	456.6	427.9	408.6	385.1	368.7	356.4	345.3	328.9	321.2
135.0	1336.2	1270.9	1208.1	1148.6	1096.2	1041.6	1006.2	958.1	917.1	872.5
180.0	1336.2	1270.9	1208.1	1148.6	1096.2	1041.6	1006.2	958.1	917.1	872.5
225.0	2124.3	2098.2	2061.3	2028.2	1986.9	1947.3	1907.7	1856.2	1811.3	1758.6
270.0	2124.3	2098.2	2061.3	2028.2	1986.9	1947.3	1907.7	1856.2	1811.3	1758.6
315.0	1286.1	1212.8	1153.0	1092.3	1039.0	990.3	946.4	917.1	879.9	837.3
360.0	1286.1	1212.8	1153.0	1092.3	1039.0	990.3	946.4	917.1	879.9	837.3

C\G	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	800.7	758.2	708.4	667.1	611.4	559.5	515.3	467.5	423.5	390.4
45.0	307.1	289.9	271.1	251.5	227.8	216.3	201.6	196.1	189.1	179.1
90.0	307.1	289.9	271.1	251.5	227.8	216.3	201.6	196.1	189.1	179.1
135.0	827.1	775.8	732.7	677.9	622.5	569.2	517.0	476.0	432.6	391.9
180.0	827.1	775.8	732.7	677.9	622.5	569.2	517.0	476.0	432.6	391.9
225.0	1698.2	1642.8	1596.5	1532.3	1469.0	1394.2	1321.3	1246.8	1174.7	1102.6
270.0	1698.2	1642.8	1596.5	1532.3	1469.0	1394.2	1321.3	1246.8	1174.7	1102.6
315.0	800.7	758.2	708.4	667.1	611.4	559.5	515.3	467.5	423.5	390.4
360.0	800.7	758.2	708.4	667.1	611.4	559.5	515.3	467.5	423.5	390.4

C\G	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	352.6	323.3	299.8	286.1	279.9	281.1	278.2	281.7	276.7	270.8
45.0	172.0	167.6	155.9	142.2	128.7	109.3	94.1	76.2	60.4	47.5
90.0	172.0	167.6	155.9	142.2	128.7	109.3	94.1	76.2	60.4	47.5
135.0	354.6	319.2	294.0	265.5	256.7	250.9	250.0	254.1	265.5	268.2
180.0	354.6	319.2	294.0	265.5	256.7	250.9	250.0	254.1	265.5	268.2
225.0	1032.6	956.0	887.8	824.1	775.5	713.1	663.3	636.3	482.1	334.4
270.0	1032.6	956.0	887.8	824.1	775.5	713.1	663.3	636.3	482.1	334.4
315.0	352.6	323.3	299.8	286.1	279.9	281.1	278.2	281.7	276.7	270.8
360.0	352.6	323.3	299.8	286.1	279.9	281.1	278.2	281.7	276.7	270.8

C\G	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	263.5	246.5	232.7	213.6	194.3	179.4	167.6	159.8	145.6	132.8
45.0	34.6	17.6	9.7	8.5	8.2	7.9	7.9	7.9	8.8	9.7
90.0	34.6	17.6	9.7	8.5	8.2	7.9	7.9	7.9	8.8	9.7
135.0	268.8	268.2	254.4	239.2	227.8	207.8	189.6	171.2	159.8	150.7
180.0	268.8	268.2	254.4	239.2	227.8	207.8	189.6	171.2	159.8	150.7
225.0	318.3	297.8	282.6	265.5	249.1	235.6	223.0	204.8	187.9	171.2
270.0	318.3	297.8	282.6	265.5	249.1	235.6	223.0	204.8	187.9	171.2
315.0	263.5	246.5	232.7	213.6	194.3	179.4	167.6	159.8	145.6	132.8
360.0	263.5	246.5	232.7	213.6	194.3	179.4	167.6	159.8	145.6	132.8

### Photometric Data Table [cd]

C\G	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	123.4	103.5	93.8	74.7	60.1	45.7	31.3	23.5	13.5	4.4
45.0	9.7	9.7	8.2	7.9	7.5	7.1	6.2	5.3	4.8	4.4
90.0	9.7	9.7	8.2	7.9	7.5	7.1	6.2	5.3	4.8	4.4
135.0	131.3	119.9	102.0	81.5	66.8	53.6	40.1	28.1	14.9	8.5
180.0	131.3	119.9	102.0	81.5	66.8	53.6	40.1	28.1	14.9	8.5
225.0	160.6	145.4	136.0	120.2	112.6	103.2	94.7	90.3	74.4	61.2
270.0	160.6	145.4	136.0	120.2	112.6	103.2	94.7	90.3	74.4	61.2
315.0	123.4	103.5	93.8	74.7	60.1	45.7	31.3	23.5	13.5	4.4
360.0	123.4	103.5	93.8	74.7	60.1	45.7	31.3	23.5	13.5	4.4

C\G	90.0
0.0	1.7
45.0	1.7
90.0	1.7
135.0	5.3
180.0	5.3
225.0	50.7
270.0	50.7
315.0	1.7
360.0	1.7

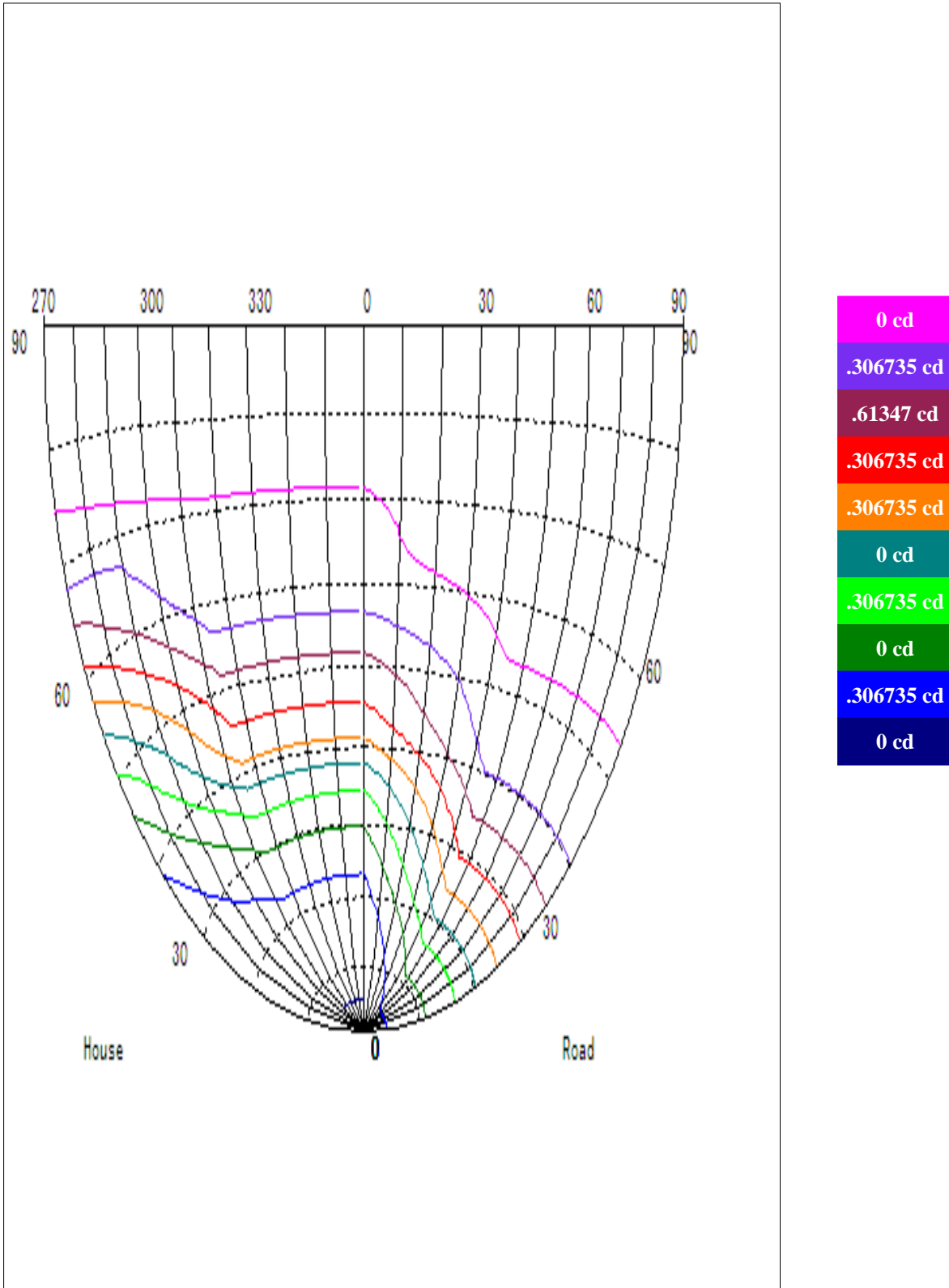
## Zonal Flux Distribution

Gamma [°]	lmean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0	2334.66	0.00	0.00	0.00	0.00
1	2323.56	2.23	2.23	0.05	0.05
2	2323.62	6.67	8.90	0.14	0.19
3	2320.12	11.11	20.01	0.24	0.42
4	2315.27	15.52	35.52	0.33	0.75
5	2309.13	19.89	55.42	0.42	1.17
6	2303.54	24.24	79.66	0.51	1.69
7	2296.22	28.55	108.21	0.61	2.29
8	2288.08	32.81	141.02	0.70	2.99
9	2277.75	37.00	178.02	0.78	3.77
10	2266.76	41.13	219.15	0.87	4.65
11	2254.38	45.18	264.32	0.96	5.60
12	2243.83	49.17	313.49	1.04	6.65
13	2229.32	53.09	366.58	1.13	7.77
14	2213.64	56.87	423.45	1.21	8.98
15	2194.82	60.52	483.97	1.28	10.26
16	2176.80	64.06	548.03	1.36	11.62
17	2155.40	67.46	615.49	1.43	13.05
18	2132.97	70.71	686.19	1.50	14.55
19	2105.28	73.74	759.93	1.56	16.11
20	2075.22	76.51	836.45	1.62	17.73
21	2046.01	79.14	915.58	1.68	19.41
22	2017.55	81.66	997.24	1.73	21.14
23	1986.28	84.01	1081.25	1.78	22.92
24	1956.24	86.20	1167.45	1.83	24.75
25	1926.63	88.29	1255.74	1.87	26.62
26	1893.14	90.17	1345.90	1.91	28.53
27	1858.41	91.78	1437.69	1.95	30.48
28	1826.17	93.29	1530.97	1.98	32.46
29	1792.24	94.67	1625.64	2.01	34.46
30	1761.03	95.94	1721.58	2.03	36.50
31	1724.46	97.00	1818.57	2.06	38.55
32	1687.68	97.75	1916.33	2.07	40.63
33	1648.85	98.30	2014.62	2.08	42.71
34	1607.75	98.55	2113.18	2.09	44.80
35	1563.20	98.48	2211.66	2.09	46.89
36	1520.12	98.17	2309.83	2.08	48.97
37	1467.65	97.44	2407.27	2.07	51.03
38	1414.02	96.19	2503.46	2.04	53.07
39	1361.85	94.75	2598.21	2.01	55.08
40	1307.92	93.11	2691.32	1.97	57.06

## Zonal Flux Distribution

Gamma [°]	lmean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
41	1259.63	91.43	2782.75	1.94	59.00
42	1212.59	89.82	2872.57	1.90	60.90
43	1169.43	88.24	2960.81	1.87	62.77
44	1126.79	86.67	3047.47	1.84	64.61
45	1086.99	85.08	3132.55	1.80	66.41
46	1054.17	83.74	3216.29	1.78	68.19
47	1019.17	82.46	3298.75	1.75	69.93
48	984.29	80.99	3379.74	1.72	71.65
49	947.40	79.33	3459.06	1.68	73.33
50	908.29	77.37	3536.44	1.64	74.97
51	866.68	75.10	3611.53	1.59	76.57
52	827.17	72.68	3684.22	1.54	78.11
53	782.20	70.01	3754.22	1.48	79.59
54	732.65	66.77	3820.99	1.42	81.01
55	684.80	63.27	3884.27	1.34	82.35
56	638.79	59.81	3944.07	1.27	83.62
57	596.59	56.48	4000.56	1.20	84.81
58	554.96	53.25	4053.81	1.13	85.94
59	515.98	50.07	4103.88	1.06	87.00
60	477.96	46.96	4150.83	1.00	88.00
61	441.53	43.88	4194.71	0.93	88.93
62	409.38	41.00	4235.72	0.87	89.80
63	379.48	38.37	4274.08	0.81	90.61
64	360.21	36.30	4310.38	0.77	91.38
65	338.60	34.58	4344.96	0.73	92.11
66	321.37	32.93	4377.89	0.70	92.81
67	312.09	31.85	4409.74	0.68	93.49
68	271.18	29.55	4439.29	0.63	94.11
69	230.22	25.58	4464.87	0.54	94.66
70	221.28	23.19	4488.06	0.49	95.15
71	207.52	22.16	4510.22	0.47	95.62
72	194.83	20.92	4531.14	0.44	96.06
73	181.70	19.69	4550.83	0.42	96.48
74	169.85	18.48	4569.31	0.39	96.87
75	157.69	17.31	4586.62	0.37	97.24
76	147.05	16.18	4602.79	0.34	97.58
77	135.92	15.09	4617.88	0.32	97.90
78	125.52	14.00	4631.88	0.30	98.20
79	116.06	12.98	4644.86	0.28	98.47
80	106.25	11.99	4656.84	0.25	98.73
81	94.60	10.86	4667.70	0.23	98.96

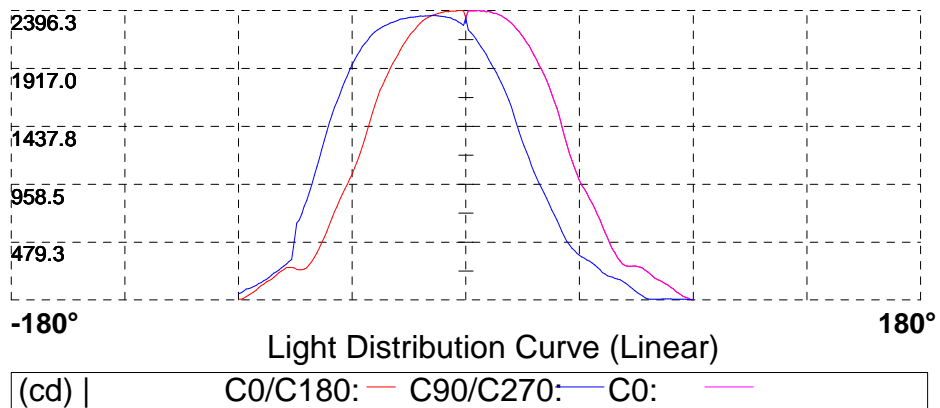
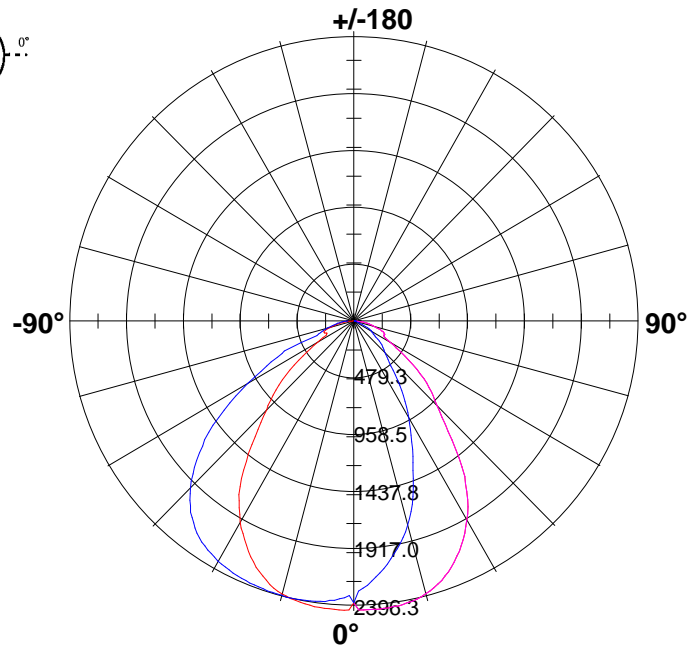
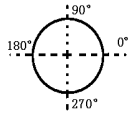




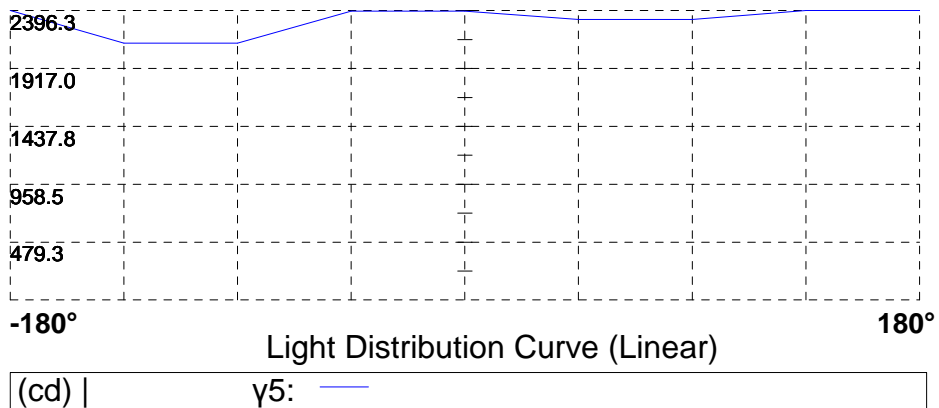
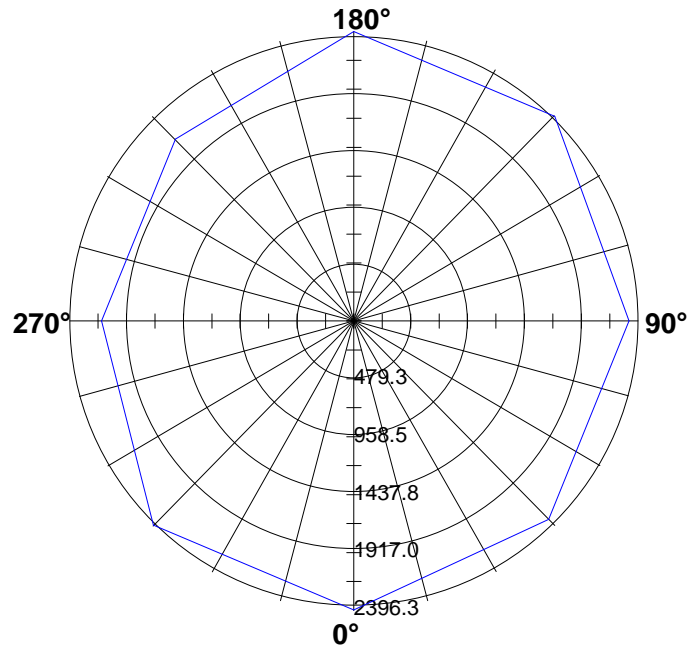


### Light Distribution Curve [Unit: cd]

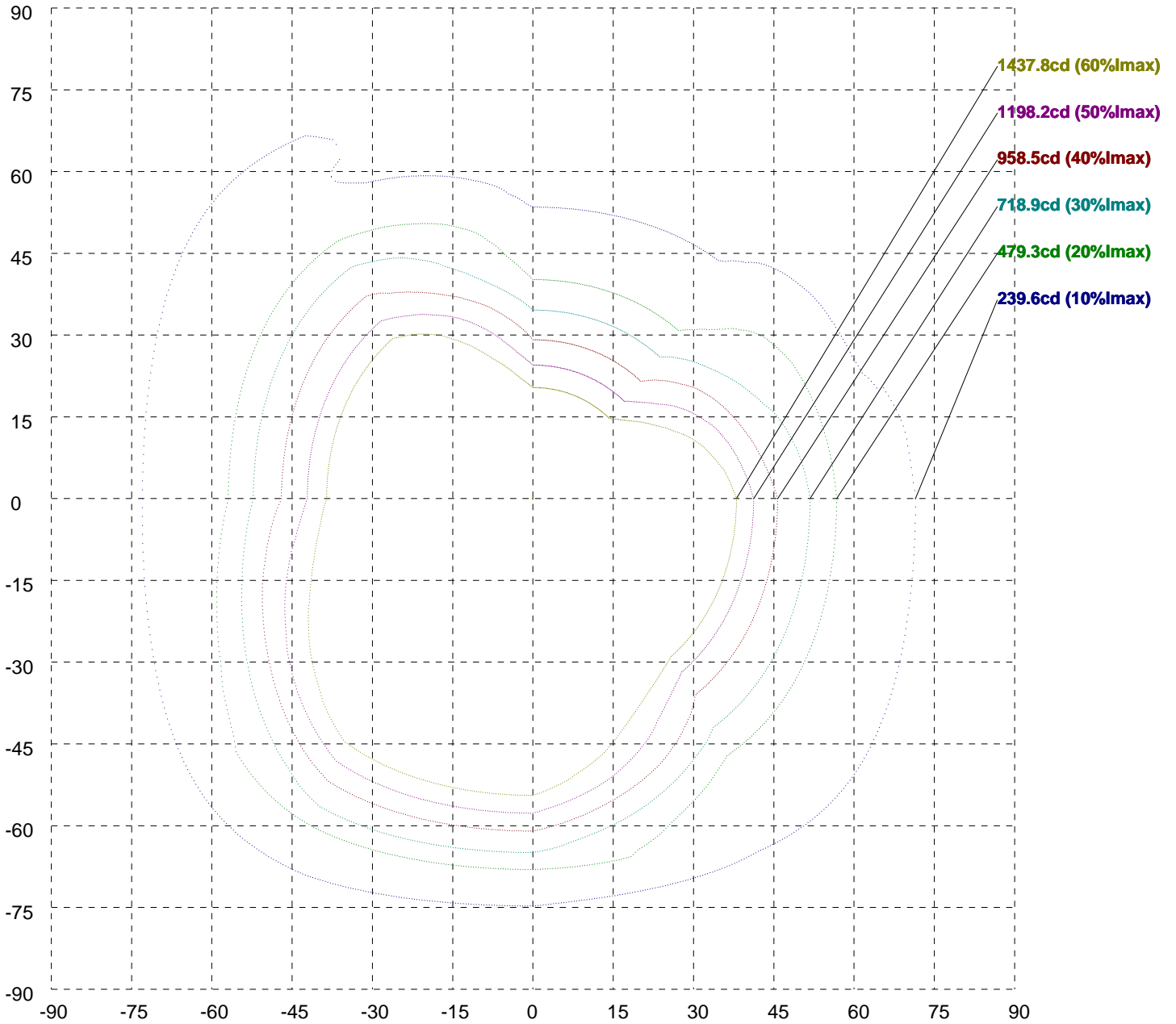
Luminaire



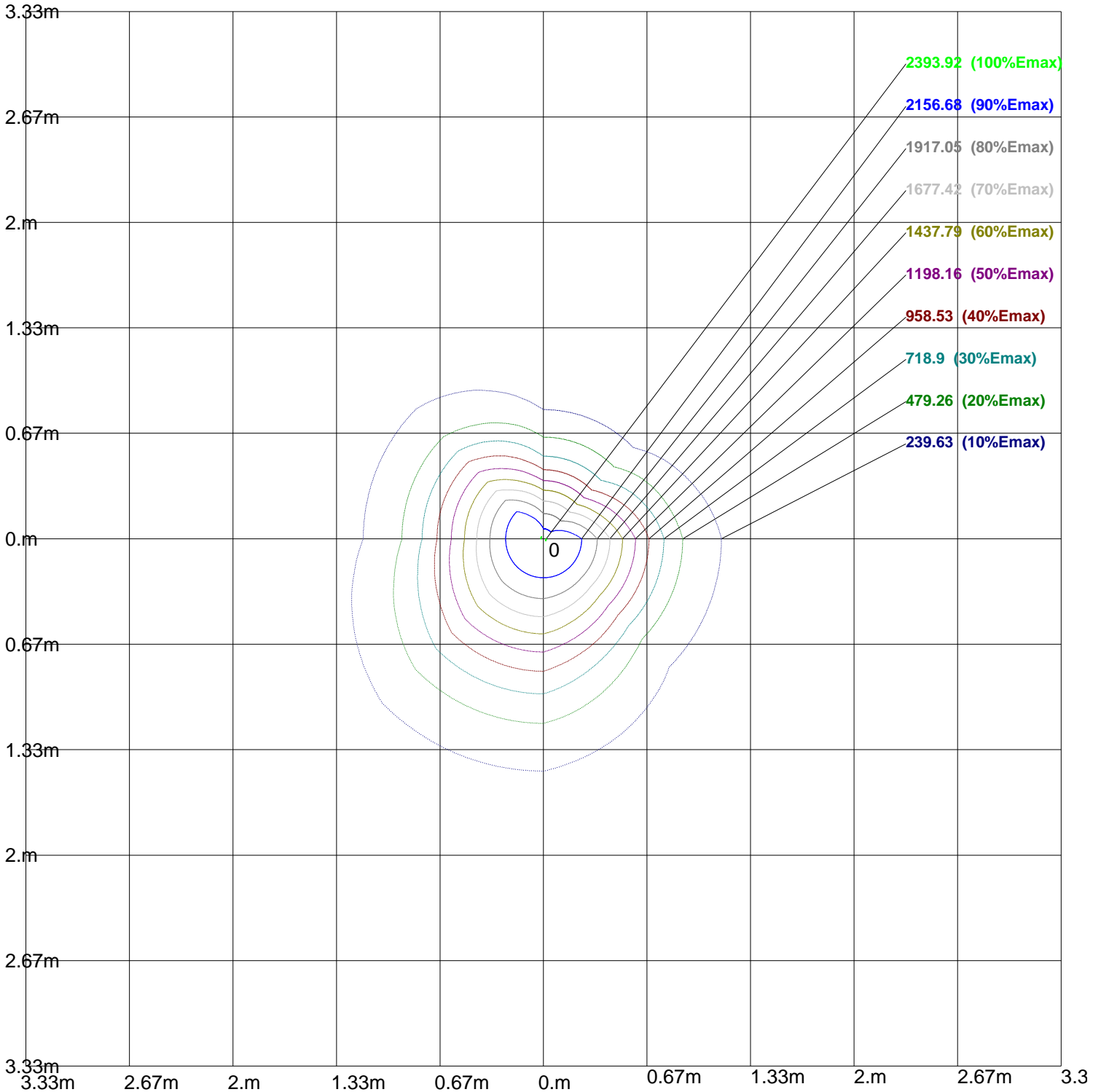
### Max Plane Light Distribution Curve [Unit: cd]



# 等光强曲线 V-H [cd]



### Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 2396.32lx

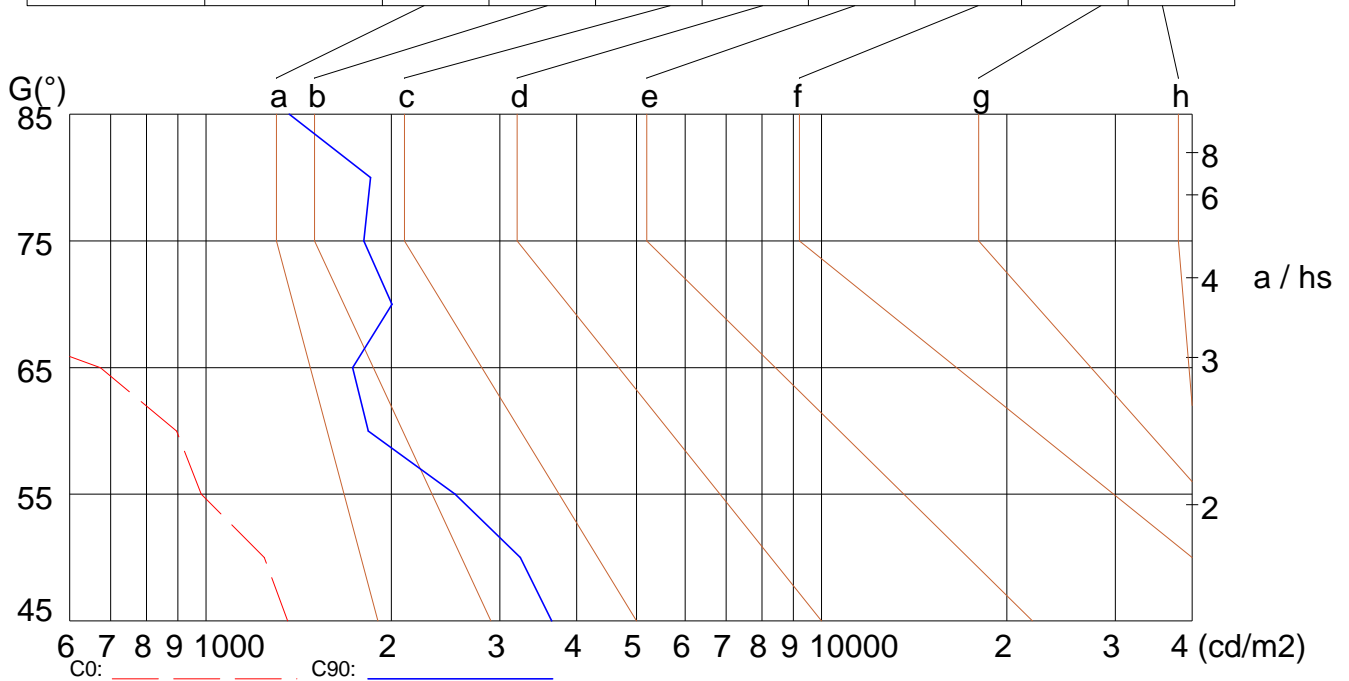
## Luminance Limiting Curve

Diameter: mm  
Length: 620mm  
Width: 620mm  
Height: 12mm

(cd/m<sup>2</sup>)

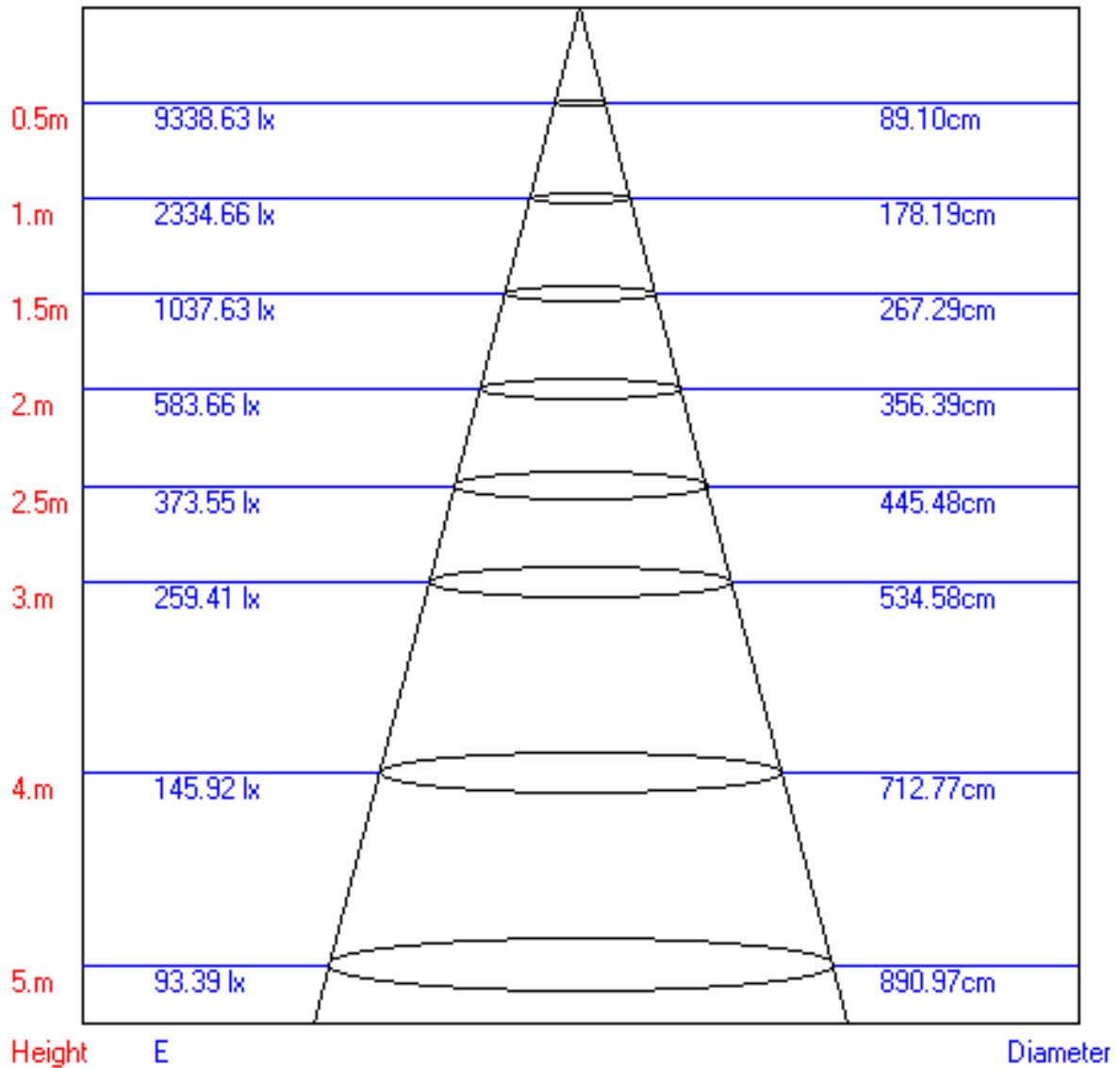
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1356	1243	981	895	673	263	80	145	211
C90	3643	3241	2538	1835	1730	2004	1803	1849	1364

Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limiting Curve (C0/C90)

### Lux-Distance Curve



Beam Angle:83.40°

Utilization Coefficient Table

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.06	1.05	1.06	1.04	1.03	1.02	1.00	0.99	0.97	0.95	0.93	0.91	0.89	0.87	0.82
2	0.94	0.92	0.90	0.93	0.91	0.89	0.91	0.88	0.85	0.87	0.83	0.81	0.82	0.78	0.75	0.70
3	0.83	0.80	0.79	0.82	0.79	0.77	0.81	0.77	0.74	0.78	0.74	0.70	0.74	0.70	0.66	0.61
4	0.73	0.71	0.69	0.73	0.70	0.68	0.72	0.68	0.65	0.70	0.65	0.61	0.68	0.62	0.58	0.54
5	0.65	0.63	0.61	0.65	0.62	0.60	0.65	0.60	0.57	0.64	0.58	0.54	0.62	0.56	0.51	0.48
6	0.58	0.56	0.54	0.59	0.55	0.53	0.59	0.54	0.51	0.58	0.53	0.49	0.57	0.51	0.46	0.42
7	0.53	0.50	0.49	0.53	0.50	0.48	0.54	0.49	0.46	0.53	0.48	0.44	0.52	0.46	0.41	0.38
8	0.48	0.46	0.44	0.48	0.45	0.43	0.49	0.45	0.41	0.49	0.44	0.40	0.49	0.42	0.38	0.34
9	0.44	0.41	0.40	0.44	0.41	0.39	0.45	0.41	0.38	0.45	0.40	0.36	0.45	0.39	0.34	0.31
10	0.40	0.38	0.37	0.41	0.38	0.36	0.42	0.37	0.35	0.42	0.37	0.33	0.42	0.36	0.31	0.29

