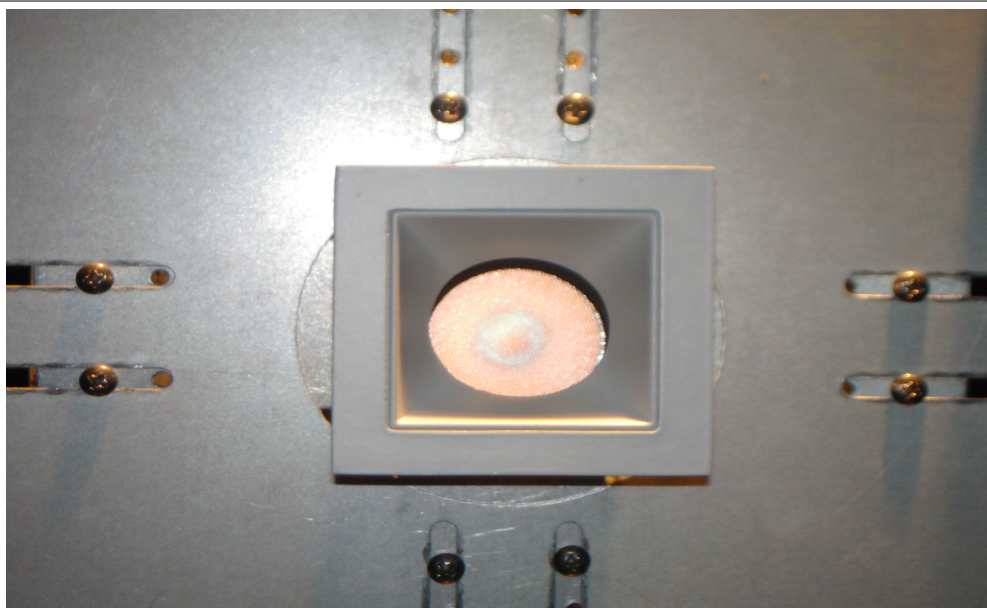


Test Report of Luminaire

Report No.:

Luminaire Type	8321H-23-30-38M_8862AJ		
Lamp Type	LED_CXA1520(M2)/36V		
Client		EUT NO.	CCT: 3099K, CRI: 93.8Ra)
Luminaire Parameters:			
Voltage	220.0	Current	0.097
Power:	20.1	Power Factor	0.943
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	838.90 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2623.946cd	Central Intensity	2527.773cd
Angle of Max Intensity:	C:90 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-83889.86%		
50%Imax Beam Width	C0_180[14.2 , -14.3] C90_270[18.3 , -10.7]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8321H-23-30-38M_8862AJ

C\G	0	5	10	15	20	25	30	35	40	45
0	2527.8	2335.9	1838.9	1206.7	604.5	206.0	71.3	45.2	39.1	30.5
5	2527.8	2354.9	1871.6	1248.1	635.2	215.3	74.2	41.3	35.7	29.3
10	2527.8	2378.9	1916.3	1295.8	675.3	231.7	78.5	39.1	33.3	28.7
15	2527.8	2403.3	1960.0	1342.5	716.3	251.0	84.4	39.3	32.7	29.1
20	2527.8	2428.0	1999.4	1391.6	762.7	277.0	91.6	41.2	34.6	30.7
25	2527.8	2450.7	2039.8	1438.6	809.1	310.1	102.2	43.4	36.8	33.2
30	2527.8	2471.4	2082.2	1483.4	852.2	350.5	115.6	46.3	37.6	35.0
35	2527.8	2493.8	2116.2	1525.4	893.6	396.5	133.1	49.6	35.3	34.2
40	2527.8	2514.1	2151.0	1562.2	934.3	440.9	153.5	54.6	30.5	30.6
45	2527.8	2531.8	2184.3	1597.9	970.0	475.3	172.9	60.7	27.3	25.4
50	2527.8	2548.5	2213.0	1631.6	1001.0	502.4	187.3	64.4	26.9	22.0
55	2527.8	2565.5	2242.4	1663.3	1028.4	517.7	190.3	64.5	27.3	24.3
60	2527.8	2580.2	2266.8	1689.0	1049.4	520.4	182.7	61.9	30.8	28.9
65	2527.8	2594.2	2290.2	1715.4	1066.8	514.4	168.9	57.9	37.6	33.1
70	2527.8	2604.6	2307.2	1739.4	1076.5	500.0	156.0	54.6	45.0	35.6
75	2527.8	2611.9	2316.5	1756.8	1082.5	480.7	145.2	51.9	50.6	37.1
80	2527.8	2618.3	2325.2	1766.4	1082.8	464.0	137.1	52.7	53.4	37.2
85	2527.8	2622.9	2328.5	1772.8	1081.2	452.0	133.0	55.4	55.2	37.2
90	2527.8	2623.9	2329.2	1777.1	1080.5	444.3	130.4	58.7	56.0	37.3
95	2527.8	2623.9	2326.5	1773.4	1077.5	443.6	130.8	58.7	55.8	37.2
100	2527.8	2620.9	2325.5	1764.4	1074.5	452.3	133.4	55.1	55.2	37.4
105	2527.8	2616.6	2319.2	1749.7	1072.1	467.0	138.9	50.7	53.2	37.4
110	2527.8	2608.3	2307.5	1733.1	1063.8	481.7	146.6	51.8	49.5	37.0
115	2527.8	2596.2	2289.2	1709.4	1054.8	496.4	157.1	54.3	43.1	35.4
120	2527.8	2584.2	2271.1	1683.7	1039.4	504.4	168.4	57.2	34.9	32.0
125	2527.8	2569.9	2245.8	1655.3	1018.4	503.7	177.7	59.7	28.2	27.3
130	2527.8	2551.5	2218.4	1625.2	995.0	490.7	177.2	60.9	26.6	24.2
135	2527.8	2531.8	2188.3	1597.2	968.3	469.0	167.5	58.5	27.5	25.4
140	2527.8	2514.5	2155.6	1566.8	936.6	435.9	151.5	53.1	32.4	30.8
145	2527.8	2496.4	2125.9	1530.8	899.6	394.5	131.9	49.3	39.4	35.5
150	2527.8	2477.1	2091.2	1493.4	858.2	349.1	115.5	47.4	44.3	37.2
155	2527.8	2457.0	2055.5	1450.3	810.1	311.1	101.7	46.3	45.4	36.1
160	2527.8	2436.7	2018.4	1404.9	760.0	280.1	92.9	47.1	43.9	34.2
165	2527.8	2414.3	1978.1	1360.5	712.0	254.7	87.1	49.6	40.8	32.2
170	2527.8	2390.3	1938.3	1314.8	669.9	234.7	85.0	52.6	40.2	30.7
175	2527.8	2364.9	1899.6	1264.1	632.9	220.0	85.9	58.8	42.8	30.4
180	2527.8	2343.2	1857.2	1221.0	599.5	208.0	89.2	67.1	46.3	31.6
185	2527.8	2321.2	1815.2	1179.3	570.1	198.9	93.2	77.5	51.2	33.7
190	2527.8	2298.2	1777.8	1137.2	542.7	191.9	91.8	86.3	57.4	36.7
195	2527.8	2275.1	1738.4	1095.8	516.7	184.6	83.2	89.5	63.3	40.1
200	2527.8	2251.1	1698.7	1054.5	493.7	178.2	72.4	85.7	66.0	43.2
205	2527.8	2228.7	1661.3	1017.1	469.3	172.6	66.9	75.6	65.0	45.3
210	2527.8	2207.4	1625.6	981.0	446.6	163.5	66.6	60.8	60.6	46.9
215	2527.8	2186.0	1591.2	947.3	424.3	158.6	66.2	46.5	52.9	48.2
220	2527.8	2168.0	1560.1	912.3	401.6	154.1	66.4	40.8	48.2	49.0
225	2527.8	2151.0	1530.4	881.9	382.9	148.5	65.9	46.9	50.8	50.6
230	2527.8	2133.9	1505.1	852.5	367.2	144.3	69.5	62.7	59.7	51.9
235	2527.8	2119.3	1483.4	828.5	354.2	138.5	82.3	85.4	71.9	52.6

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8321H-23-30-38M_8862AJ

240	2527.8	2107.6	1462.7	807.8	343.1	133.6	107.2	106.6	79.1	53.0
245	2527.8	2096.2	1444.3	788.1	332.8	135.1	141.8	122.3	81.6	53.4
250	2527.8	2087.9	1430.0	774.7	325.4	146.2	171.7	133.6	82.7	53.7
255	2527.8	2079.9	1419.6	763.1	317.8	162.3	195.4	141.0	83.1	54.0
260	2527.8	2074.9	1410.3	750.4	312.8	178.0	212.7	145.5	83.6	54.2
265	2527.8	2072.2	1402.6	742.4	310.4	190.8	220.3	147.0	83.5	54.0
270	2527.8	2070.9	1400.3	740.7	308.1	196.9	224.4	147.5	83.1	54.0
275	2527.8	2070.2	1398.9	742.4	307.4	195.3	223.8	146.4	82.6	53.9
280	2527.8	2072.2	1399.9	745.0	307.8	186.8	218.1	145.1	82.6	53.9
285	2527.8	2077.2	1406.9	751.0	310.8	171.4	203.5	141.6	82.8	53.9
290	2527.8	2082.5	1417.6	759.0	315.4	154.9	184.7	135.7	82.4	53.7
295	2527.8	2089.9	1431.3	771.1	322.4	139.2	157.5	126.6	81.6	53.5
300	2527.8	2100.6	1446.0	789.1	330.5	130.7	123.9	112.3	79.5	53.1
305	2527.8	2112.9	1463.0	809.1	340.1	133.1	93.7	95.7	74.3	52.2
310	2527.8	2127.3	1487.0	832.5	353.2	138.1	75.1	74.2	64.8	51.4
315	2527.8	2143.0	1513.4	855.8	366.2	143.2	66.3	55.0	53.2	50.1
320	2527.8	2160.0	1539.5	884.2	382.9	147.7	65.4	43.3	44.3	47.7
325	2527.8	2179.7	1569.8	918.3	401.2	153.4	65.4	38.5	43.2	46.0
330	2527.8	2197.7	1602.5	952.3	422.9	158.8	65.3	41.8	48.6	44.9
335	2527.8	2218.1	1637.3	989.0	448.6	164.8	65.0	51.0	53.8	44.0
340	2527.8	2238.7	1673.6	1024.1	474.3	169.6	65.1	61.7	55.8	42.7
345	2527.8	2259.8	1711.4	1064.5	501.0	176.2	65.7	65.5	54.4	39.9
350	2527.8	2282.5	1749.7	1106.5	534.4	184.0	66.7	61.3	50.2	36.5
355	2527.8	2306.2	1788.5	1149.6	566.1	191.5	68.5	53.5	45.6	33.3
360	2527.8	2335.9	1838.9	1206.7	604.5	206.0	71.3	45.2	39.1	30.5

C\G	50	55	60	65	70	75	80	85	90
0	24.4	21.3	19.1	16.3	12.6	9.0	6.4	4.4	3.9
5	23.6	20.8	18.6	16.0	12.4	8.9	6.3	4.2	3.6
10	23.2	20.4	18.2	15.6	12.3	8.9	6.2	4.0	3.2
15	23.7	20.3	17.7	15.3	12.2	8.8	6.1	3.8	2.9
20	24.7	20.1	17.1	14.9	12.0	8.8	6.0	3.7	2.7
25	25.9	20.0	16.9	14.7	11.9	8.8	6.0	3.6	2.5
30	26.4	20.1	16.8	14.4	11.8	8.7	5.9	3.6	2.4
35	26.0	20.0	16.5	14.1	11.7	8.7	5.8	3.5	2.3
40	25.5	19.5	16.3	13.7	11.4	8.6	5.7	3.3	2.1
45	24.7	18.9	16.0	13.6	11.2	8.5	5.7	3.3	1.9
50	24.3	18.8	15.6	13.2	11.2	8.6	5.8	3.3	2.0
55	24.4	18.9	15.4	13.2	11.1	8.6	5.8	3.4	2.1
60	24.6	18.8	15.4	13.3	11.2	8.5	5.9	3.4	2.2
65	24.9	18.1	14.9	13.1	11.1	8.5	5.8	3.5	2.2
70	25.1	17.4	14.3	12.6	10.7	8.3	5.8	3.4	2.2
75	25.0	17.2	14.1	12.2	10.4	8.1	5.7	3.4	2.2
80	24.8	17.1	14.1	11.9	10.1	8.0	5.7	3.4	2.2
85	24.6	17.2	13.9	11.8	10.0	8.0	5.7	3.4	2.1
90	24.5	17.1	13.8	11.6	9.9	7.9	5.7	3.4	2.1
95	24.5	17.1	13.7	11.6	9.9	7.9	5.7	3.4	2.1
100	24.5	17.1	13.8	11.7	10.0	8.0	5.8	3.5	2.2

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8321H-23-30-38M_8862AJ

105	24.7	17.2	14.1	12.1	10.3	8.2	5.8	3.6	2.3
110	25.2	17.5	14.4	12.4	10.6	8.3	5.9	3.6	2.3
115	25.4	18.0	14.8	13.0	11.0	8.5	6.0	3.6	2.3
120	25.3	18.7	15.5	13.5	11.4	8.7	6.1	3.6	2.4
125	25.1	19.1	15.7	13.5	11.3	8.8	6.0	3.6	2.4
130	25.0	19.1	15.7	13.3	11.2	8.8	6.0	3.6	2.4
135	25.2	18.9	15.9	13.5	11.4	8.8	5.9	3.5	2.4
140	25.6	19.4	16.3	13.8	11.5	8.8	5.9	3.6	2.5
145	25.7	20.3	16.7	14.1	11.8	8.8	6.0	3.7	2.8
150	26.5	20.5	16.9	14.5	12.0	9.0	6.1	3.9	3.0
155	26.5	20.7	17.2	14.7	12.1	8.9	6.2	4.1	3.2
160	25.6	20.8	17.5	15.1	12.2	8.9	6.3	4.3	3.5
165	24.5	20.7	17.8	15.3	12.3	9.0	6.5	4.5	3.7
170	23.6	20.7	18.3	15.8	12.5	9.1	6.6	4.7	4.0
175	23.5	20.9	18.7	16.1	12.7	9.2	6.7	4.8	4.3
180	24.2	21.3	19.2	16.6	12.8	9.3	6.9	5.1	4.6
185	25.4	22.1	19.9	17.1	13.2	9.5	7.1	5.4	6.0
190	26.9	23.2	20.8	17.9	13.6	9.9	7.4	5.8	6.8
195	29.0	24.5	21.8	18.7	14.3	10.3	7.7	6.5	7.9
200	30.9	25.8	22.7	19.5	15.0	10.8	8.1	7.7	9.0
205	32.7	26.9	23.6	20.4	15.9	11.4	8.5	8.6	10.3
210	34.4	28.0	24.3	21.0	16.4	11.8	9.4	9.8	11.7
215	36.2	29.2	24.5	20.5	15.8	11.7	10.4	11.0	13.1
220	37.6	29.9	24.5	19.4	14.8	11.4	11.3	12.3	14.3
225	38.5	30.7	25.3	20.3	15.4	11.4	12.3	13.7	15.8
230	39.0	31.7	26.7	21.5	16.4	12.5	13.5	15.0	17.2
235	39.2	32.4	28.0	23.0	17.4	13.6	14.8	16.4	18.7
240	39.3	32.8	28.5	23.5	17.6	14.5	16.1	17.8	20.2
245	39.6	33.1	28.5	23.5	17.5	15.4	17.2	19.0	21.6
250	40.0	33.2	28.4	23.2	17.1	15.8	17.7	19.5	22.2
255	40.2	33.5	28.4	22.9	16.8	16.2	17.8	19.6	22.4
260	40.2	33.4	28.1	22.8	16.7	16.5	17.7	19.4	22.4
265	40.1	33.3	27.5	22.2	16.4	16.6	17.5	19.2	22.4
270	40.3	33.3	27.4	21.9	16.2	16.6	17.4	19.1	22.4
275	40.7	33.8	27.8	22.5	16.7	16.8	17.5	19.1	22.3
280	41.0	34.0	28.4	22.9	16.8	16.9	17.6	19.1	22.2
285	40.9	34.0	28.6	23.0	17.0	16.9	17.7	19.2	22.1
290	40.5	33.7	28.5	23.5	17.5	16.8	17.8	19.2	21.9
295	39.9	33.5	28.6	23.8	17.9	16.3	17.5	18.9	21.5
300	39.4	33.0	28.3	23.7	18.1	15.6	16.7	18.0	20.4
305	39.0	32.2	27.6	22.9	17.6	14.3	15.4	16.6	18.8
310	38.6	31.2	26.1	21.2	16.4	12.9	14.0	15.2	16.6
315	38.2	30.2	25.2	20.0	15.2	11.2	12.7	13.8	15.4
320	37.6	29.8	24.5	19.4	14.8	11.1	11.6	12.5	14.3
325	36.4	29.3	24.8	20.5	15.7	11.8	10.9	11.4	13.1
330	34.9	28.6	24.5	20.9	16.3	11.8	9.9	10.2	11.8
335	33.2	27.3	23.8	20.4	15.8	11.3	8.5	9.0	10.4
340	31.4	26.1	22.8	19.6	14.9	10.7	8.0	7.8	9.0
345	29.5	24.8	21.9	18.6	14.1	10.1	7.5	6.8	7.8

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8321H-23-30-38M_8862AJ

350	27.8	23.5	20.9	17.7	13.4	9.6	7.1	5.4	6.7
355	26.0	22.3	20.0	17.0	13.0	9.3	6.8	4.9	5.7
360	24.4	21.3	19.1	16.3	12.6	9.0	6.4	4.4	3.9

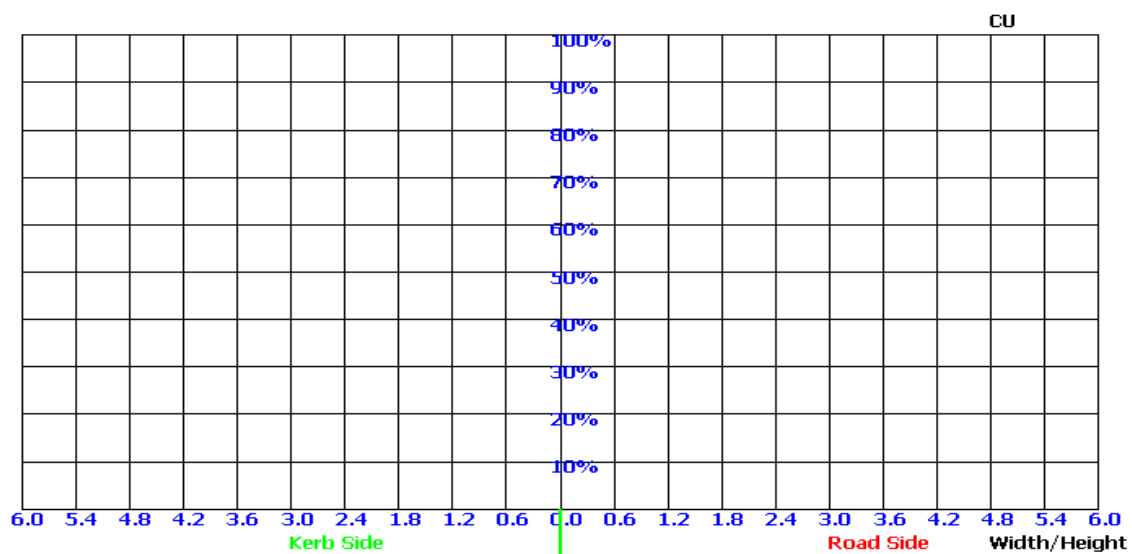
RP Lighting + Fans

Zonal Flux 8321H-23-30-38M_8862AJ

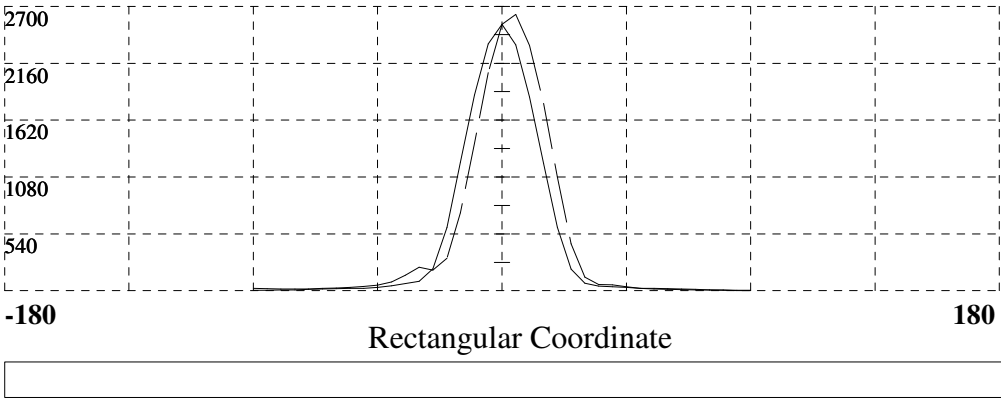
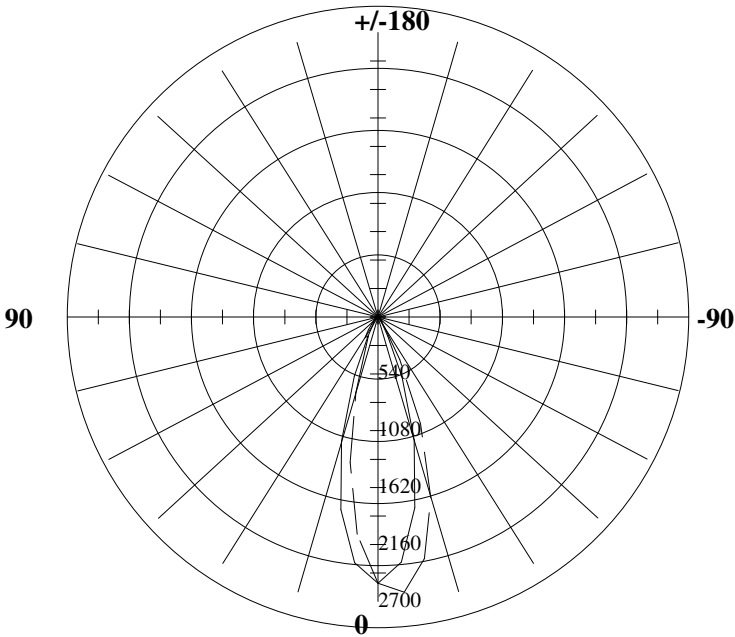
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	2527.77	0.00	0.00	0.00	0.00
5	2341.37	58.21	58.21	-5820.92	-5820.92
10	1855.33	150.13	208.34	-15012.90	-20833.83
15	1234.72	183.30	391.64	-18329.95	-39163.77
20	660.41	156.19	547.82	-15618.56	-54782.32
25	281.42	98.78	646.60	-9878.06	-64660.42
30	122.47	51.11	697.72	-5111.21	-69771.62
35	70.99	28.49	726.20	-2848.77	-72620.37
40	52.49	20.60	746.80	-2060.06	-74680.44
45	39.95	17.12	763.92	-1711.57	-76392.02
50	30.35	14.20	778.13	-1420.49	-77812.52
55	24.37	11.90	790.02	-1189.65	-79002.20
60	20.66	10.41	800.43	-1040.84	-80043.05
65	17.34	9.24	809.67	-923.95	-80967.01
70	13.61	7.84	817.51	-783.65	-81750.63
75	10.82	6.38	823.89	-638.46	-82389.09
80	9.33	5.39	829.28	-539.17	-82928.27
85	8.50	4.84	834.13	-484.34	-83412.59
90	8.94	4.77	838.90	-477.32	-83889.89

RP Lighting + Fans

Coefficient Utilization Curve 8321H-23-30-38M_8862AJ

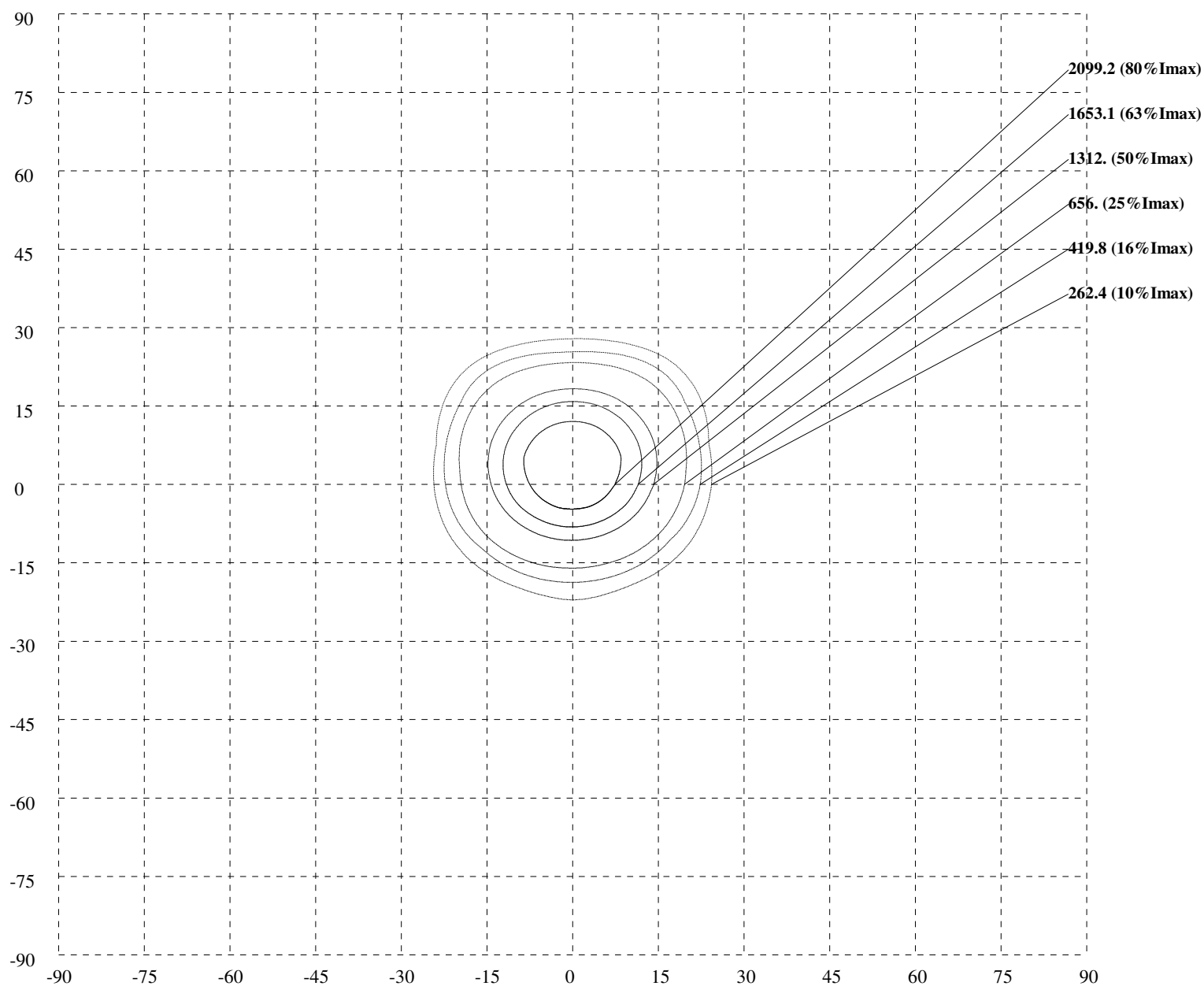


Light Distribution Curve[Unit: cd]



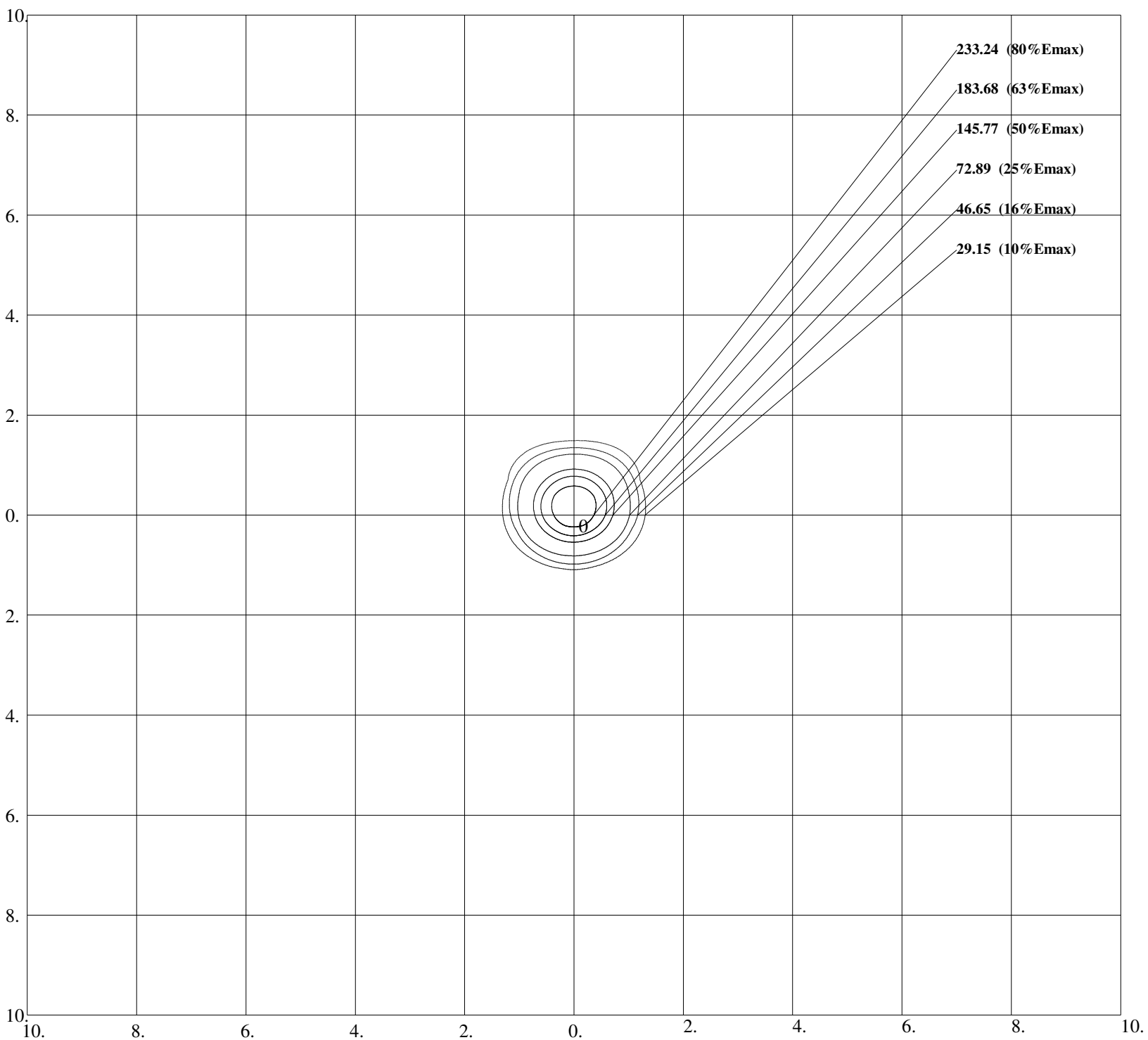
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8321H-23-30-38M_8862AJ



RP Lighting + Fans

Iso-Lux [Unit :lx] 8321H-23-30-38M_8862AJ



Units: lx
Height: 3 m
Max Illuminance : 291.55lx

RP Lighting + Fans

Lux-Distance Curve

