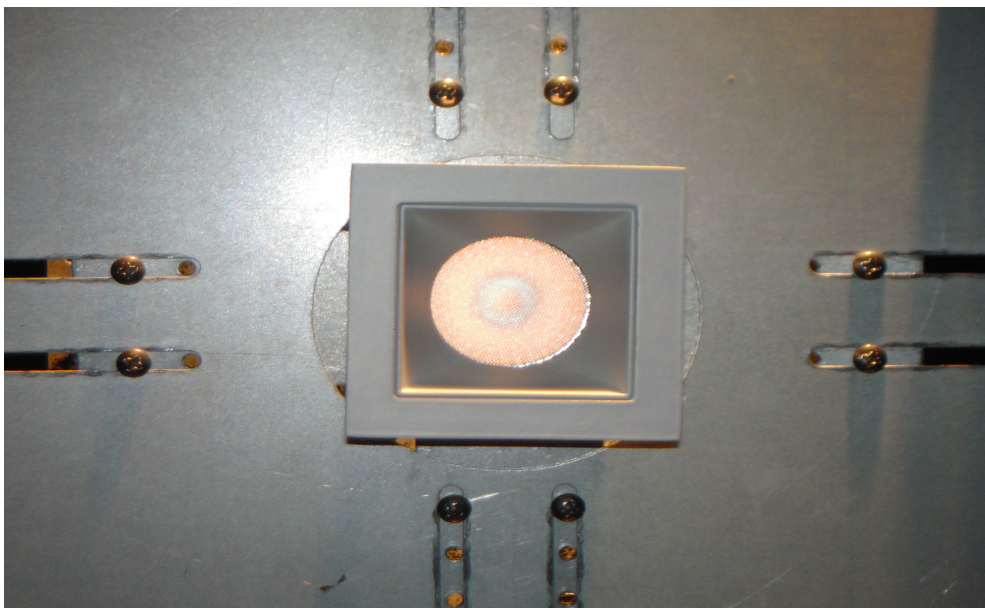


Test Report of Luminaire

Report No.:

Luminaire Type	8321H-23-30-38M_8862S		
Lamp Type	LED_CXA1520/36V		
Client		EUT NO.	CCT: 3095K, CRI: 93.7Ra
Luminaire Parameters:			
Voltage	220.0	Current	0.097
Power:	20.1	Power Factor	0.943
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1013.56 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2831.025cd	Central Intensity	2831.025cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.01%		
Downward Flux Ratio	-101355.7%		
50%Imax Beam Width	C0_180[16.2 , -16.8] C90_270[16.6 , -16.0]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8321H-23-30-38M_8862S

C\G	0	5	10	15	20	25	30	35	40	45
0	2831.0	2664.7	2210.0	1574.8	894.2	351.2	116.2	47.7	36.9	27.4
5	2831.0	2665.7	2211.4	1578.8	899.6	356.5	118.4	48.2	36.4	27.2
10	2831.0	2668.3	2217.7	1585.9	912.3	370.8	123.4	49.5	35.8	27.2
15	2831.0	2671.0	2222.7	1593.9	928.3	390.2	131.9	51.7	35.3	27.6
20	2831.0	2673.3	2224.7	1603.2	946.6	420.2	142.9	55.0	34.3	28.1
25	2831.0	2674.0	2229.7	1611.6	967.0	451.3	157.3	59.6	33.0	28.0
30	2831.0	2677.4	2233.4	1618.2	985.7	481.7	174.0	65.6	32.0	26.2
35	2831.0	2679.7	2236.4	1624.6	1000.7	505.4	192.4	71.3	32.4	23.9
40	2831.0	2682.4	2239.8	1625.9	1007.7	520.0	205.2	75.8	33.2	22.6
45	2831.0	2682.7	2241.8	1630.2	1012.1	523.7	209.8	76.8	33.8	22.3
50	2831.0	2684.0	2243.8	1635.3	1012.1	519.4	204.8	74.9	33.3	23.6
55	2831.0	2686.7	2247.1	1638.9	1008.4	505.7	191.1	69.6	33.0	25.3
60	2831.0	2688.7	2249.8	1637.3	998.4	481.7	173.7	65.6	33.8	26.6
65	2831.0	2690.0	2251.8	1637.3	987.0	455.3	158.4	60.9	34.9	26.4
70	2831.0	2692.4	2256.1	1636.9	974.0	430.9	146.8	57.9	35.5	24.3
75	2831.0	2693.0	2258.1	1636.9	962.0	406.6	137.0	55.0	34.6	23.6
80	2831.0	2694.7	2261.8	1633.6	953.0	391.5	130.2	53.9	34.6	22.6
85	2831.0	2697.4	2264.5	1635.3	946.3	381.9	127.0	52.8	35.0	23.1
90	2831.0	2698.0	2265.5	1638.9	946.3	378.9	126.2	52.7	35.2	24.6
95	2831.0	2699.7	2266.1	1641.9	951.6	383.2	128.2	53.0	36.4	26.6
100	2831.0	2699.7	2268.1	1647.3	962.0	396.2	132.1	54.2	38.8	28.7
105	2831.0	2702.1	2272.1	1653.3	977.0	416.2	138.3	55.3	39.1	30.3
110	2831.0	2702.4	2273.8	1659.6	990.7	441.3	149.1	57.9	39.3	31.4
115	2831.0	2702.1	2273.8	1663.6	1009.7	472.3	165.1	61.6	37.4	31.2
120	2831.0	2702.4	2276.5	1668.6	1024.4	502.0	181.5	66.6	34.2	29.2
125	2831.0	2701.4	2275.8	1670.0	1037.8	525.7	199.9	72.0	33.9	26.2
130	2831.0	2700.1	2277.5	1673.0	1048.4	541.7	215.9	77.8	34.4	24.0
135	2831.0	2697.0	2275.5	1676.0	1054.1	551.1	220.6	80.8	34.7	23.0
140	2831.0	2697.0	2275.1	1679.3	1055.8	551.1	217.9	80.3	34.6	23.6
145	2831.0	2697.7	2278.8	1679.3	1053.5	538.4	204.9	75.5	34.0	25.5
150	2831.0	2699.0	2279.5	1681.3	1044.4	515.7	187.4	68.6	33.5	27.9
155	2831.0	2699.7	2280.1	1680.3	1029.8	487.0	170.4	62.7	35.0	29.1
160	2831.0	2701.4	2280.5	1677.3	1010.7	457.3	155.4	58.3	37.0	29.7
165	2831.0	2700.1	2281.5	1672.6	994.0	432.9	143.5	55.7	37.9	29.3
170	2831.0	2697.7	2279.5	1670.0	980.3	413.9	135.8	53.5	38.3	29.1
175	2831.0	2695.7	2280.8	1663.6	973.0	401.9	132.5	51.9	39.0	29.1
180	2831.0	2694.4	2278.1	1663.3	969.0	398.5	131.1	51.8	38.6	29.0
185	2831.0	2692.7	2275.5	1663.0	971.3	402.9	132.8	51.9	37.1	28.2
190	2831.0	2690.7	2274.1	1662.3	976.7	414.9	136.8	52.9	35.3	27.1
195	2831.0	2687.0	2271.5	1660.6	986.4	431.6	144.4	54.4	34.3	26.6
200	2831.0	2684.0	2266.5	1658.3	1001.0	455.3	156.2	57.0	33.3	27.2
205	2831.0	2680.0	2262.8	1655.3	1013.7	482.7	170.9	61.5	32.5	26.5
210	2831.0	2675.7	2256.4	1653.3	1022.7	508.7	188.0	67.6	32.0	25.2
215	2831.0	2671.7	2249.1	1649.6	1025.7	528.1	205.3	73.8	32.2	23.2
220	2831.0	2668.0	2242.8	1643.3	1022.4	538.1	217.5	78.1	32.9	22.0
225	2831.0	2665.3	2236.1	1632.9	1013.1	535.4	218.8	77.4	33.1	21.5
230	2831.0	2662.0	2232.7	1623.2	1002.4	524.4	209.9	73.4	32.2	21.6
235	2831.0	2658.7	2227.1	1615.2	989.7	503.0	189.8	66.8	31.0	22.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8321H-23-30-38M_8862S

240	2831.0	2657.3	2221.1	1604.5	973.0	473.0	167.4	59.6	30.1	23.3
245	2831.0	2657.7	2216.1	1591.9	953.0	438.9	147.2	53.8	29.6	22.9
250	2831.0	2653.7	2212.7	1580.8	931.9	405.9	132.7	49.8	30.4	21.6
255	2831.0	2651.7	2209.0	1570.5	913.6	378.9	121.4	47.2	30.3	20.5
260	2831.0	2648.6	2201.7	1560.5	895.6	360.2	113.7	45.6	29.2	19.9
265	2831.0	2647.0	2196.0	1552.8	884.2	346.8	109.0	44.8	28.9	19.6
270	2831.0	2644.6	2193.4	1549.8	877.2	340.1	107.4	44.6	29.1	19.5
275	2831.0	2642.6	2188.3	1545.1	876.2	341.8	108.5	44.8	29.4	19.6
280	2831.0	2640.3	2184.7	1541.5	880.9	351.8	113.0	45.3	29.3	20.1
285	2831.0	2640.3	2185.3	1541.1	891.6	370.8	119.6	46.9	29.9	21.2
290	2831.0	2639.0	2184.0	1543.8	903.2	392.2	130.2	49.5	30.0	21.7
295	2831.0	2639.0	2182.7	1547.8	918.3	422.6	142.7	53.1	29.3	22.9
300	2831.0	2640.6	2182.3	1553.8	931.6	449.6	159.4	57.8	29.3	22.7
305	2831.0	2641.6	2181.3	1560.8	946.0	474.0	176.6	63.4	30.1	21.9
310	2831.0	2641.6	2183.3	1564.2	956.3	491.0	191.6	68.0	31.0	21.1
315	2831.0	2643.0	2185.7	1564.2	963.7	497.7	196.8	71.0	31.3	21.1
320	2831.0	2644.6	2187.7	1567.2	966.3	495.3	192.6	69.4	30.8	21.6
325	2831.0	2647.0	2188.7	1572.8	958.7	481.0	179.9	65.3	30.3	23.3
330	2831.0	2648.6	2191.0	1573.5	947.6	457.0	162.8	61.2	30.3	25.3
335	2831.0	2650.6	2195.0	1573.2	935.3	428.3	147.5	55.8	31.2	25.9
340	2831.0	2650.6	2197.4	1568.5	919.3	399.2	134.1	51.7	32.7	25.7
345	2831.0	2654.0	2201.0	1568.5	905.2	377.5	125.3	49.4	33.7	25.6
350	2831.0	2657.0	2202.4	1568.8	896.6	361.8	119.1	48.3	34.8	26.2
355	2831.0	2659.3	2203.7	1570.8	891.2	352.2	116.7	47.6	35.8	27.0
360	2831.0	2664.7	2210.0	1574.8	894.2	351.2	116.2	47.7	36.9	27.4

C\G	50	55	60	65	70	75	80	85	90
0	20.1	15.3	12.9	10.5	8.8	7.1	5.2	2.6	1.9
5	20.2	15.4	13.1	10.7	9.0	7.3	5.2	2.6	1.9
10	20.6	15.7	13.2	10.9	9.3	7.5	5.3	2.7	2.0
15	21.2	16.2	13.5	11.3	9.6	7.6	5.5	2.8	1.9
20	21.8	16.7	13.7	11.6	9.9	7.9	5.5	2.9	1.9
25	21.8	16.9	13.9	12.0	10.1	8.0	5.6	3.0	1.8
30	21.2	17.0	14.3	12.3	10.4	8.2	5.7	3.1	1.8
35	20.5	17.1	14.3	12.4	10.4	8.3	5.8	3.1	1.8
40	20.2	17.1	14.2	12.2	10.1	8.1	5.8	3.2	1.5
45	20.0	17.1	14.2	12.3	10.1	8.2	6.0	3.3	1.5
50	20.7	17.3	14.6	12.7	10.6	8.7	6.3	3.5	1.6
55	20.9	17.5	15.1	13.4	11.3	9.1	6.6	3.6	1.9
60	20.8	17.9	15.3	13.8	11.7	9.5	6.8	3.8	1.9
65	20.3	17.9	15.2	13.7	11.9	9.6	7.0	4.0	1.9
70	20.7	18.0	15.4	13.6	11.8	9.6	7.1	4.1	2.0
75	20.4	17.9	15.4	13.5	11.7	9.6	7.2	4.3	2.1
80	20.6	17.9	15.9	13.4	11.5	9.5	7.3	4.4	2.2
85	21.1	18.1	16.0	13.4	11.5	9.5	7.4	4.5	2.3
90	21.9	18.3	16.0	13.3	11.4	9.4	7.4	4.5	2.3
95	22.9	18.5	15.9	13.3	11.3	9.4	7.3	4.5	2.3
100	23.5	18.7	15.8	13.3	11.5	9.5	7.3	4.5	2.2

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8321H-23-30-38M_8862S

105	23.9	18.8	15.7	13.4	11.6	9.5	7.2	4.3	2.1
110	24.0	18.7	15.4	13.4	11.6	9.5	7.1	4.2	2.0
115	23.7	18.6	15.3	13.7	11.7	9.5	7.0	4.1	1.9
120	23.0	18.3	15.5	13.8	11.6	9.4	6.9	4.0	1.9
125	22.1	18.2	15.4	13.5	11.4	9.3	6.7	3.9	1.8
130	21.3	18.1	15.2	13.1	11.0	8.8	6.5	3.8	1.7
135	20.6	17.9	14.9	12.7	10.4	8.4	6.2	3.6	1.6
140	20.5	17.8	14.7	12.5	10.1	8.1	6.0	3.5	1.4
145	21.0	17.5	14.8	12.7	10.3	8.2	5.9	3.4	1.6
150	21.8	17.5	14.6	12.8	10.5	8.5	6.0	3.4	1.6
155	22.5	17.6	14.2	12.4	10.4	8.4	5.9	3.3	1.6
160	22.8	17.4	14.1	12.1	10.2	8.2	5.8	3.3	1.6
165	22.1	16.9	13.9	11.7	9.9	8.0	5.8	3.2	1.6
170	21.4	16.2	13.6	11.3	9.5	7.8	5.6	3.1	1.5
175	20.7	15.7	13.3	11.0	9.2	7.5	5.5	3.0	1.4
180	20.5	15.5	13.2	10.8	9.0	7.3	5.4	2.9	1.4
185	20.4	15.4	13.1	10.8	9.1	7.4	5.4	2.9	1.4
190	20.3	15.6	13.1	10.8	9.2	7.4	5.4	2.9	1.5
195	20.5	15.8	13.1	11.0	9.3	7.5	5.4	2.9	1.4
200	21.1	16.2	13.1	11.1	9.5	7.6	5.4	2.8	1.4
205	21.1	16.3	13.0	11.3	9.5	7.6	5.3	2.8	1.3
210	20.4	16.1	13.3	11.4	9.5	7.6	5.3	2.8	1.3
215	19.5	15.9	13.1	11.3	9.3	7.4	5.2	2.7	1.4
220	18.6	15.7	12.9	10.9	9.0	7.2	5.2	2.7	1.2
225	18.1	15.5	12.7	10.9	9.0	7.2	5.2	2.7	1.2
230	18.3	15.4	12.9	11.2	9.3	7.5	5.3	2.7	1.3
235	18.5	15.4	13.1	11.5	9.7	7.8	5.5	2.7	1.4
240	18.5	15.1	13.1	11.6	9.9	8.0	5.6	2.8	1.5
245	17.8	15.1	12.9	11.5	9.9	8.0	5.6	2.8	1.5
250	16.8	14.7	12.8	11.3	9.8	7.9	5.6	2.8	1.6
255	16.4	14.6	12.9	11.1	9.6	7.8	5.7	2.8	1.8
260	15.9	14.5	13.1	11.0	9.5	7.8	5.7	2.9	1.9
265	15.5	14.5	13.1	10.9	9.3	7.7	5.8	2.9	2.1
270	15.5	14.5	13.1	10.8	9.3	7.7	5.7	2.9	2.3
275	15.6	14.5	13.1	10.9	9.4	7.7	5.8	2.9	2.4
280	16.0	14.4	13.1	10.9	9.5	7.8	5.7	2.8	2.4
285	16.3	14.5	12.8	11.0	9.6	7.8	5.6	2.7	2.4
290	16.9	14.7	12.8	11.2	9.7	7.9	5.6	2.7	2.4
295	17.6	14.8	12.7	11.3	9.7	7.9	5.5	2.6	2.4
300	17.9	14.8	12.8	11.3	9.7	7.9	5.5	2.5	2.5
305	18.1	14.9	12.6	11.1	9.4	7.7	5.3	2.5	2.5
310	17.9	15.0	12.4	10.7	9.0	7.3	5.2	2.4	2.2
315	18.0	15.0	12.3	10.6	8.8	7.1	5.0	2.4	1.8
320	18.6	15.3	12.5	10.6	8.8	7.1	5.0	2.4	2.0
325	19.2	15.4	12.9	11.0	9.1	7.2	5.0	2.4	2.4
330	19.8	15.7	12.9	11.1	9.3	7.3	5.0	2.4	2.3
335	20.0	15.8	12.9	11.1	9.3	7.3	5.1	2.4	2.3
340	20.1	15.6	13.0	10.9	9.2	7.3	5.1	2.5	2.2
345	19.6	15.3	13.0	10.7	9.1	7.2	5.1	2.5	2.2

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8321H-23-30-38M_8862S

350	19.8	15.2	12.9	10.6	8.9	7.2	5.1	2.6	2.2
355	19.8	15.2	12.9	10.5	8.8	7.1	5.1	2.6	2.1
360	20.1	15.3	12.9	10.5	8.8	7.1	5.2	2.6	1.9

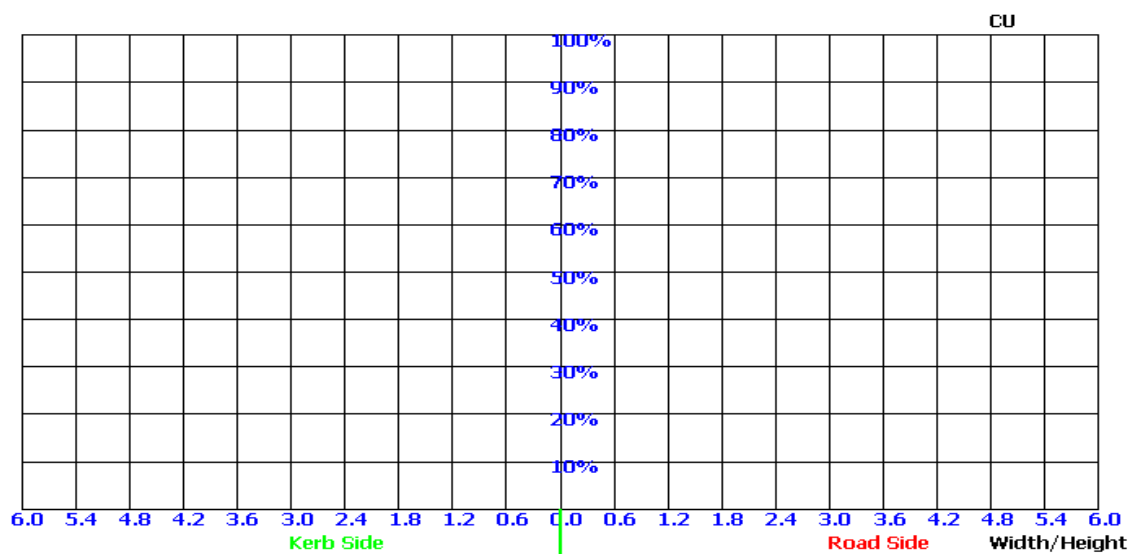
RP Lighting + Fans

Zonal Flux 8321H-23-30-38M_8862S

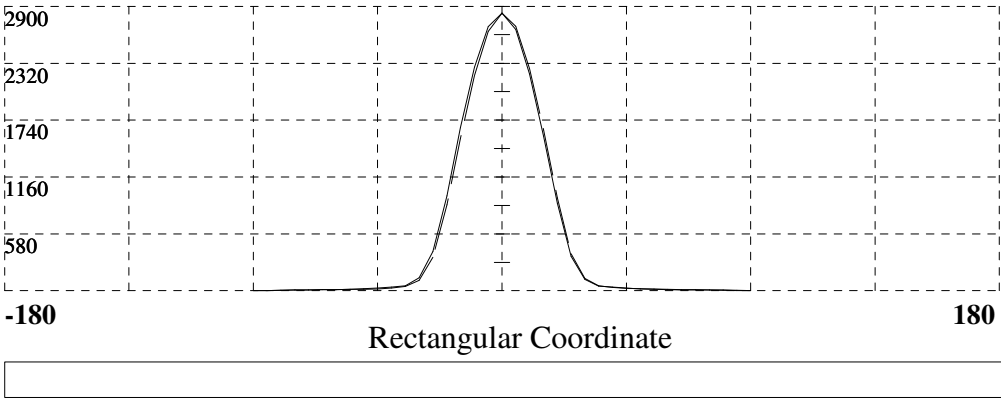
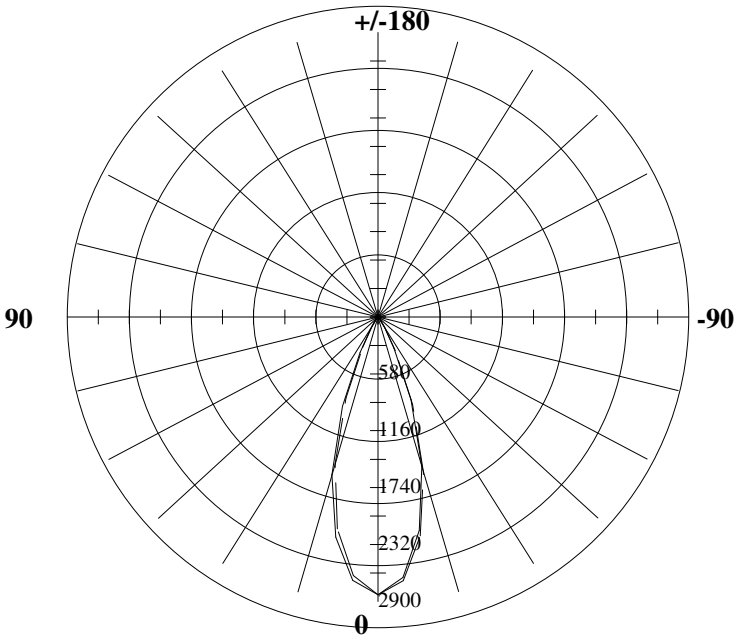
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	2831.03	0.00	0.00	0.00	0.00
5	2674.03	65.81	65.81	-6581.14	-6581.14
10	2236.22	175.66	241.47	-17565.52	-24146.66
15	1617.38	228.59	470.06	-22859.28	-47005.96
20	967.36	213.02	683.08	-21301.81	-68307.76
25	443.92	148.02	831.09	-14801.64	-83109.40
30	157.81	76.15	907.24	-7614.90	-90724.29
35	59.60	32.01	939.26	-3201.47	-93925.74
40	33.51	15.53	954.79	-1553.40	-95479.13
45	24.93	10.82	965.61	-1082.02	-96561.15
50	19.97	9.07	974.68	-907.17	-97468.32
55	16.31	7.89	982.57	-788.81	-98257.15
60	13.79	6.96	989.53	-695.82	-98952.97
65	11.81	6.22	995.75	-622.45	-99575.43
70	10.01	5.52	1001.28	-552.47	-100127.89
75	8.10	4.73	1006.01	-473.14	-100601.07
80	5.85	3.73	1009.74	-373.21	-100974.26
85	3.15	2.44	1012.19	-244.50	-101218.77
90	1.86	1.37	1013.56	-137.08	-101355.82

RP Lighting + Fans

Coefficient Utilization Curve 8321H-23-30-38M_8862S

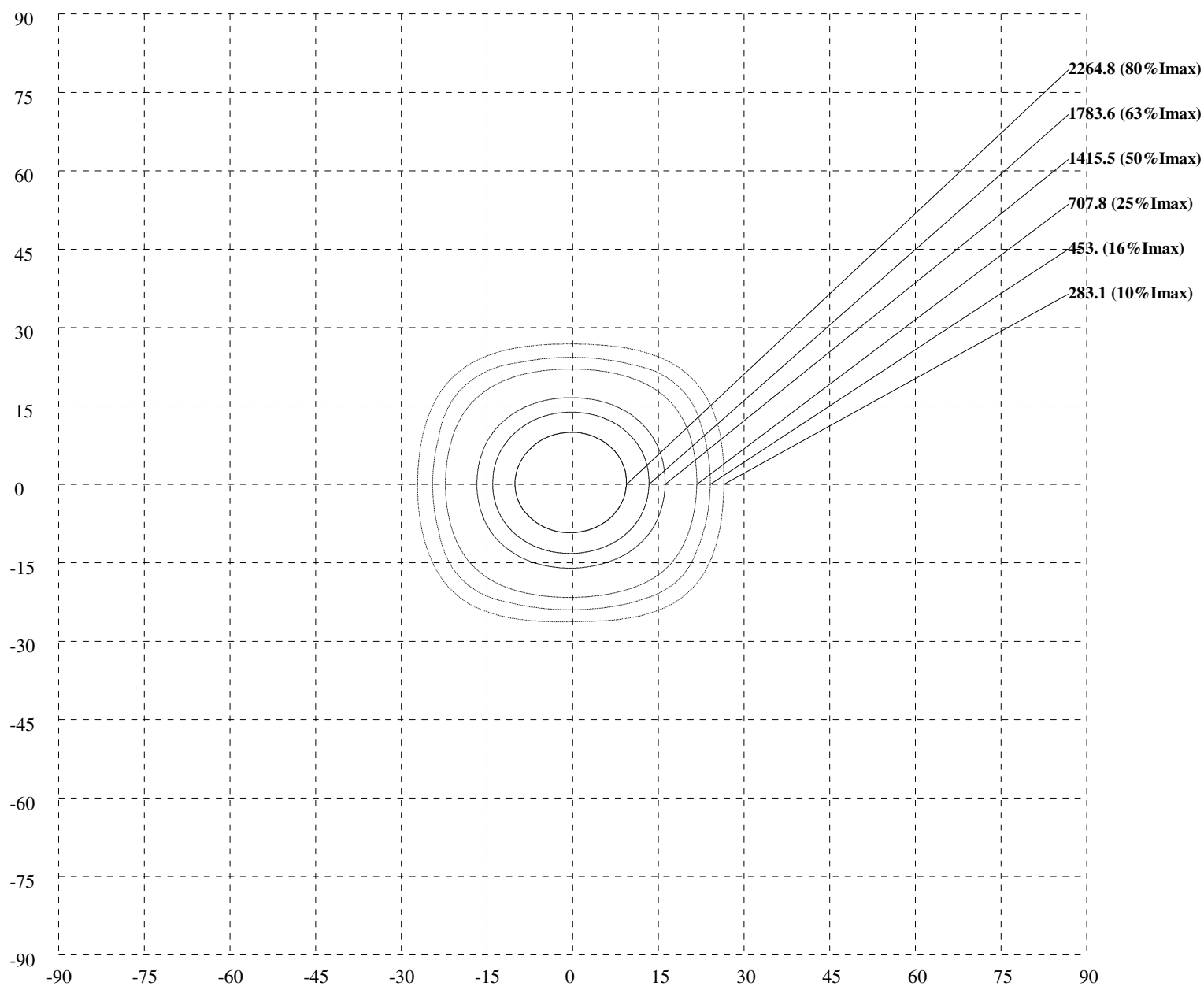


Light Distribution Curve[Unit: cd]



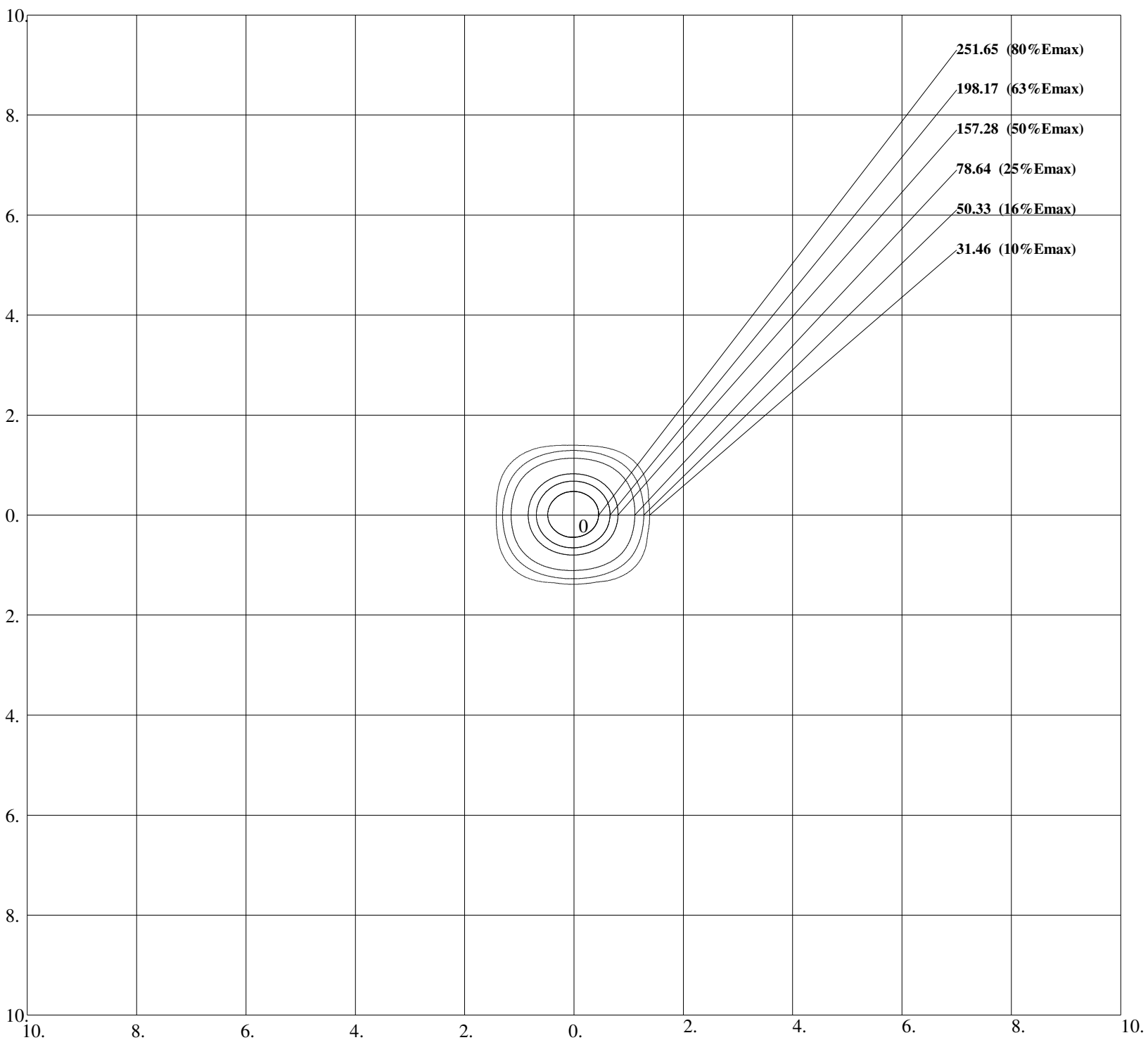
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8321H-23-30-38M_8862S



RP Lighting + Fans

Iso-Lux [Unit :lx] 8321H-23-30-38M_8862S



Units: lx
Height: 3 m
Max Illuminance : 314.56lx

RP Lighting + Fans

Lux-Distance Curve

