

Test Report of Luminaire

Report No.:

Luminaire Type	8756-90		
Lamp Type	LED		
Client		EUT NO.	CCT: 2912K, CRI: 92.2Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.112
Power:	12.0	Power Factor	0.889
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	654.21 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	245.353cd	Central Intensity	245.353cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-65421.02%		
50%Imax Beam Width	C0_180[51.2 , -51.2] C90_270[50.7 , -51.2]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 8756-90

C\G	0	5	10	15	20	25	30	35	40	45
0	245.4	243.6	238.9	231.4	221.3	208.9	194.6	178.7	161.9	144.5
5	245.4	243.8	238.9	231.5	221.4	209.1	194.7	178.8	162.0	144.6
10	245.4	243.7	239.0	231.5	221.5	209.1	194.8	179.0	162.1	144.8
15	245.4	243.8	239.0	231.6	221.6	209.3	195.0	179.1	162.4	145.1
20	245.4	243.7	239.0	231.7	221.7	209.4	195.2	179.5	162.7	145.4
25	245.4	243.8	239.1	231.8	221.8	209.6	195.5	179.8	163.1	145.7
30	245.4	243.8	239.1	231.9	221.9	209.9	195.8	180.0	163.4	146.1
35	245.4	243.6	239.1	231.9	222.1	210.0	195.9	180.3	163.7	146.4
40	245.4	243.7	239.2	231.9	222.2	210.1	196.1	180.5	163.8	146.6
45	245.4	243.7	239.1	231.9	222.1	210.1	196.1	180.6	163.9	146.6
50	245.4	243.6	239.0	231.8	222.1	210.1	196.1	180.5	163.9	146.6
55	245.4	243.5	239.0	231.8	221.9	209.9	195.9	180.3	163.7	146.4
60	245.4	243.5	238.9	231.6	221.7	209.7	195.7	180.1	163.5	146.1
65	245.4	243.4	238.7	231.4	221.5	209.3	195.3	179.7	163.0	145.7
70	245.4	243.3	238.6	231.2	221.1	209.0	194.8	179.1	162.4	145.1
75	245.4	243.2	238.4	230.8	220.8	208.6	194.3	178.6	161.8	144.5
80	245.4	243.2	238.3	230.6	220.5	208.1	193.8	178.0	161.1	143.8
85	245.4	243.1	238.1	230.4	220.1	207.6	193.2	177.4	160.5	143.1
90	245.4	243.1	237.9	230.2	219.7	207.2	192.7	176.8	159.9	142.5
95	245.4	243.0	237.9	229.9	219.5	206.8	192.3	176.3	159.4	142.0
100	245.4	242.9	237.8	229.7	219.3	206.6	191.9	176.0	159.0	141.6
105	245.4	242.9	237.7	229.6	219.2	206.4	191.8	175.7	158.8	141.4
110	245.4	242.8	237.7	229.6	219.1	206.4	191.7	175.7	158.8	141.4
115	245.4	242.9	237.7	229.6	219.1	206.4	191.8	175.8	158.9	141.5
120	245.4	242.9	237.7	229.6	219.2	206.5	192.0	176.0	159.1	141.7
125	245.4	242.8	237.8	229.7	219.4	206.8	192.3	176.3	159.5	142.0
130	245.4	242.9	237.9	230.0	219.6	207.1	192.6	176.7	159.9	142.5
135	245.4	242.9	237.9	230.1	219.8	207.4	192.9	177.1	160.3	142.8
140	245.4	243.0	238.0	230.3	220.1	207.7	193.3	177.5	160.7	143.3
145	245.4	243.1	238.1	230.4	220.3	208.0	193.7	177.9	161.1	143.7
150	245.4	243.1	238.2	230.6	220.5	208.2	193.9	178.2	161.4	144.0
155	245.4	243.2	238.3	230.8	220.8	208.4	194.2	178.4	161.7	144.2
160	245.4	243.3	238.4	230.9	220.8	208.6	194.4	178.6	161.8	144.4
165	245.4	243.3	238.5	231.0	221.0	208.7	194.5	178.7	161.9	144.5
170	245.4	243.3	238.5	231.1	221.1	208.8	194.5	178.8	161.9	144.6
175	245.4	243.4	238.7	231.2	221.1	208.8	194.6	178.8	161.9	144.5
180	245.4	243.4	238.7	231.3	221.2	208.9	194.5	178.8	161.9	144.5
185	245.4	243.4	238.8	231.4	221.2	208.8	194.5	178.7	161.9	144.5
190	245.4	243.5	238.8	231.4	221.2	208.8	194.5	178.7	161.8	144.4
195	245.4	243.5	238.9	231.4	221.3	208.9	194.5	178.7	161.8	144.4
200	245.4	243.5	238.9	231.4	221.3	208.9	194.5	178.7	161.9	144.5
205	245.4	243.6	238.9	231.4	221.4	208.9	194.6	178.7	161.9	144.5
210	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.8	144.4
215	245.4	243.5	239.0	231.4	221.3	208.9	194.6	178.7	161.8	144.5
220	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.8	144.5
225	245.4	243.5	238.9	231.4	221.3	209.0	194.6	178.7	161.9	144.5
230	245.4	243.5	238.9	231.5	221.3	208.9	194.6	178.7	161.9	144.5
235	245.4	243.5	239.0	231.4	221.3	208.9	194.6	178.7	161.9	144.5

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Photometric Data Table [Unit:cd] 8756-90

240	245.4	243.5	238.9	231.4	221.3	208.9	194.6	178.7	161.9	144.4
245	245.4	243.5	238.9	231.4	221.3	208.9	194.6	178.7	161.8	144.5
250	245.4	243.5	238.9	231.4	221.3	208.9	194.6	178.7	161.9	144.5
255	245.4	243.5	238.9	231.4	221.3	208.9	194.6	178.7	161.9	144.5
260	245.4	243.5	238.9	231.5	221.3	208.9	194.6	178.7	161.8	144.5
265	245.4	243.5	238.9	231.4	221.4	208.9	194.5	178.7	161.9	144.5
270	245.4	243.5	238.9	231.4	221.4	209.0	194.5	178.7	161.8	144.5
275	245.4	243.5	238.8	231.4	221.4	208.9	194.5	178.7	161.9	144.5
280	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.9	144.5
285	245.4	243.5	238.9	231.5	221.4	208.9	194.5	178.7	161.9	144.5
290	245.4	243.5	238.9	231.4	221.4	208.9	194.5	178.7	161.9	144.4
295	245.4	243.5	238.9	231.4	221.4	208.9	194.5	178.7	161.9	144.5
300	245.4	243.5	238.9	231.4	221.4	208.9	194.5	178.7	161.9	144.5
305	245.4	243.5	238.9	231.4	221.3	209.0	194.6	178.7	161.9	144.5
310	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.8	144.5
315	245.4	243.4	238.9	231.5	221.4	208.9	194.6	178.7	161.9	144.5
320	245.4	243.4	238.9	231.4	221.4	208.9	194.6	178.7	161.9	144.5
325	245.4	243.4	238.9	231.4	221.4	208.9	194.6	178.7	161.8	144.5
330	245.4	243.4	238.9	231.4	221.3	209.0	194.6	178.7	161.9	144.5
335	245.4	243.4	238.9	231.4	221.3	209.0	194.5	178.7	161.8	144.5
340	245.4	243.4	238.9	231.5	221.3	208.9	194.5	178.7	161.9	144.5
345	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.8	144.5
350	245.4	243.4	238.9	231.5	221.3	208.9	194.5	178.7	161.9	144.5
355	245.4	243.5	238.9	231.4	221.4	208.9	194.6	178.7	161.9	144.5
360	245.4	243.6	238.9	231.4	221.3	208.9	194.6	178.7	161.9	144.5

C\G	50	55	60	65	70	75	80	85	90
0	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
5	127.1	109.7	92.7	76.4	60.9	46.4	33.3	22.1	13.4
10	127.2	109.9	92.9	76.5	61.1	46.5	33.4	22.2	13.5
15	127.5	110.2	93.2	76.7	61.2	46.6	33.6	22.3	13.5
20	127.8	110.5	93.4	77.0	61.4	46.7	33.7	22.3	13.3
25	128.2	110.8	93.7	77.2	61.5	46.8	33.7	22.3	13.2
30	128.5	111.1	93.9	77.4	61.7	47.0	33.9	22.4	13.2
35	128.8	111.3	94.1	77.6	61.8	47.1	33.9	22.4	13.5
40	129.0	111.4	94.3	77.6	61.8	47.1	33.9	22.3	13.4
45	129.0	111.5	94.2	77.6	61.8	47.0	33.8	22.3	13.4
50	128.9	111.4	94.2	77.5	61.7	47.0	33.7	22.2	13.3
55	128.7	111.2	94.0	77.4	61.6	46.9	33.6	22.1	13.1
60	128.5	110.9	93.8	77.1	61.4	46.7	33.5	22.0	13.0
65	128.1	110.6	93.4	76.8	61.1	46.4	33.3	21.8	12.9
70	127.5	110.0	92.9	76.4	60.7	46.1	33.0	21.6	12.5
75	126.9	109.4	92.4	75.9	60.3	45.7	32.7	21.4	12.3
80	126.2	108.8	91.8	75.4	59.8	45.4	32.4	21.2	12.2
85	125.6	108.1	91.2	74.9	59.4	45.0	32.1	20.9	12.3
90	124.9	107.6	90.7	74.4	58.9	44.6	31.8	20.7	12.2
95	124.5	107.1	90.3	74.0	58.6	44.3	31.5	20.6	12.2
100	124.1	106.8	89.9	73.7	58.3	44.1	31.4	20.5	12.1

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Photometric Data Table [Unit:cd] 8756-90

105	123.9	106.5	89.8	73.6	58.2	44.0	31.3	20.5	12.1
110	123.9	106.5	89.7	73.5	58.2	44.0	31.3	20.5	12.2
115	124.0	106.6	89.8	73.6	58.3	44.1	31.5	20.6	12.2
120	124.2	106.8	90.0	73.8	58.4	44.2	31.6	20.7	11.9
125	124.5	107.1	90.3	74.0	58.6	44.3	31.6	20.9	12.0
130	124.9	107.5	90.6	74.3	58.9	44.6	31.9	20.9	12.1
135	125.3	107.8	90.9	74.6	59.1	44.8	32.1	21.0	12.4
140	125.7	108.2	91.3	74.8	59.4	45.0	32.2	21.1	12.4
145	126.0	108.6	91.6	75.1	59.6	45.2	32.3	21.1	12.5
150	126.3	108.9	91.8	75.4	59.8	45.4	32.4	21.2	12.5
155	126.6	109.1	92.1	75.6	60.0	45.5	32.6	21.3	12.6
160	126.8	109.3	92.3	75.8	60.1	45.7	32.7	21.4	12.6
165	126.9	109.4	92.4	75.9	60.3	45.8	32.9	21.5	12.7
170	126.9	109.5	92.4	76.0	60.4	45.9	33.0	21.6	12.2
175	126.9	109.5	92.5	76.1	60.5	46.0	33.0	21.7	12.0
180	126.9	109.5	92.5	76.1	60.6	46.1	33.2	21.8	12.3
185	126.9	109.5	92.6	76.2	60.7	46.2	33.3	21.9	13.1
190	126.9	109.5	92.5	76.2	60.7	46.2	33.2	21.9	13.2
195	126.9	109.5	92.6	76.2	60.8	46.2	33.2	22.0	13.2
200	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
205	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
210	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
215	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
220	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
225	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
230	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.4
235	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
240	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
245	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
250	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
255	127.0	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
260	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.4
265	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
270	127.0	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
275	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
280	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
285	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
290	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.4
295	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
300	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
305	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
310	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.4
315	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
320	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.4
325	127.0	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
330	127.0	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
335	127.0	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.4
340	126.9	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
345	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.4

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8756-90

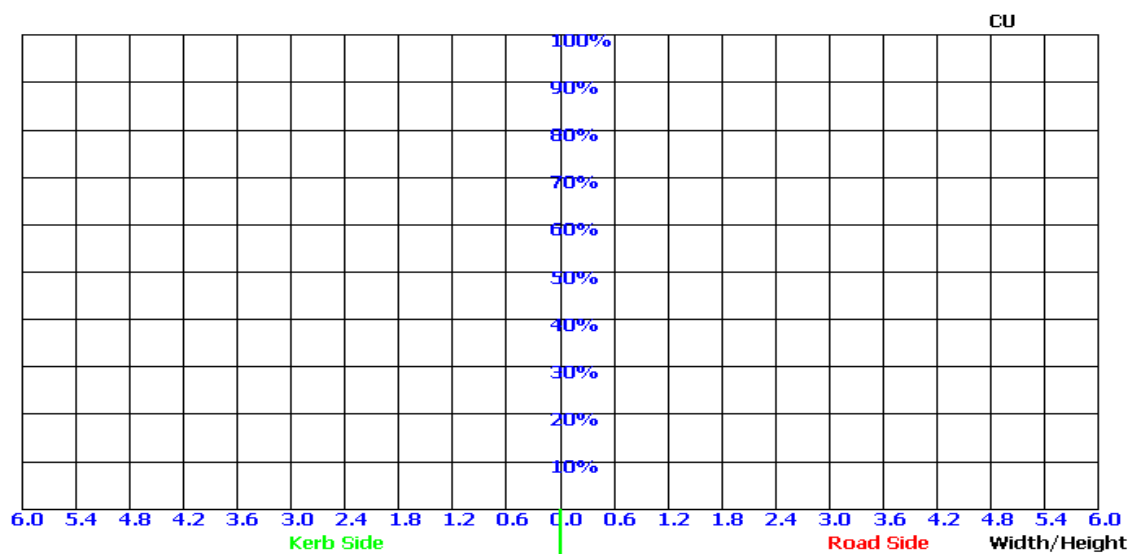
350	127.0	109.6	92.6	76.3	60.8	46.3	33.3	22.1	13.3
355	127.0	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3
360	126.9	109.6	92.7	76.3	60.8	46.3	33.3	22.1	13.3

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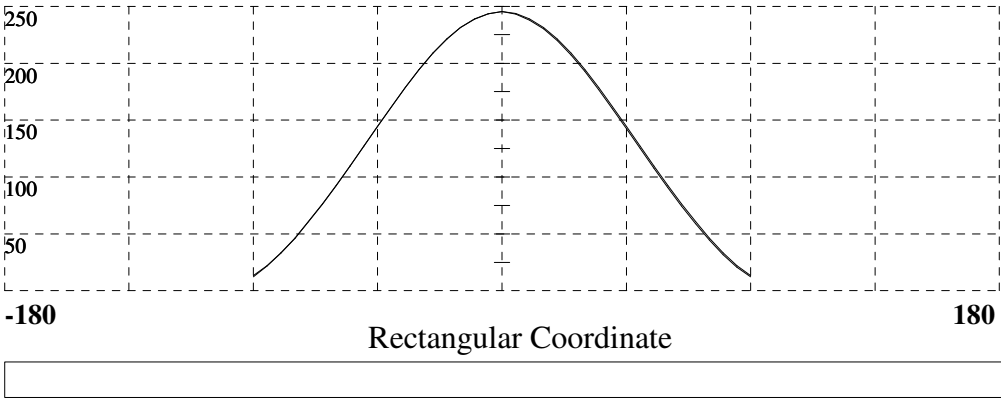
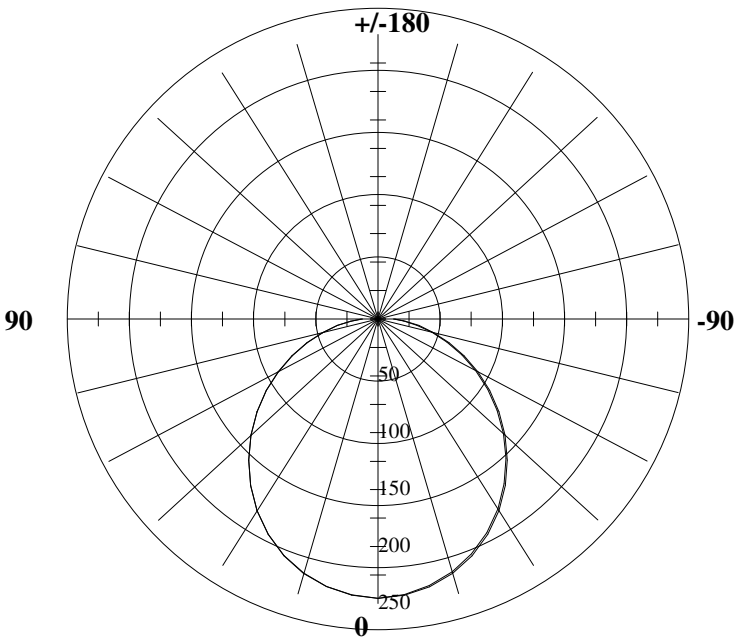
Zonal Flux 8756-90

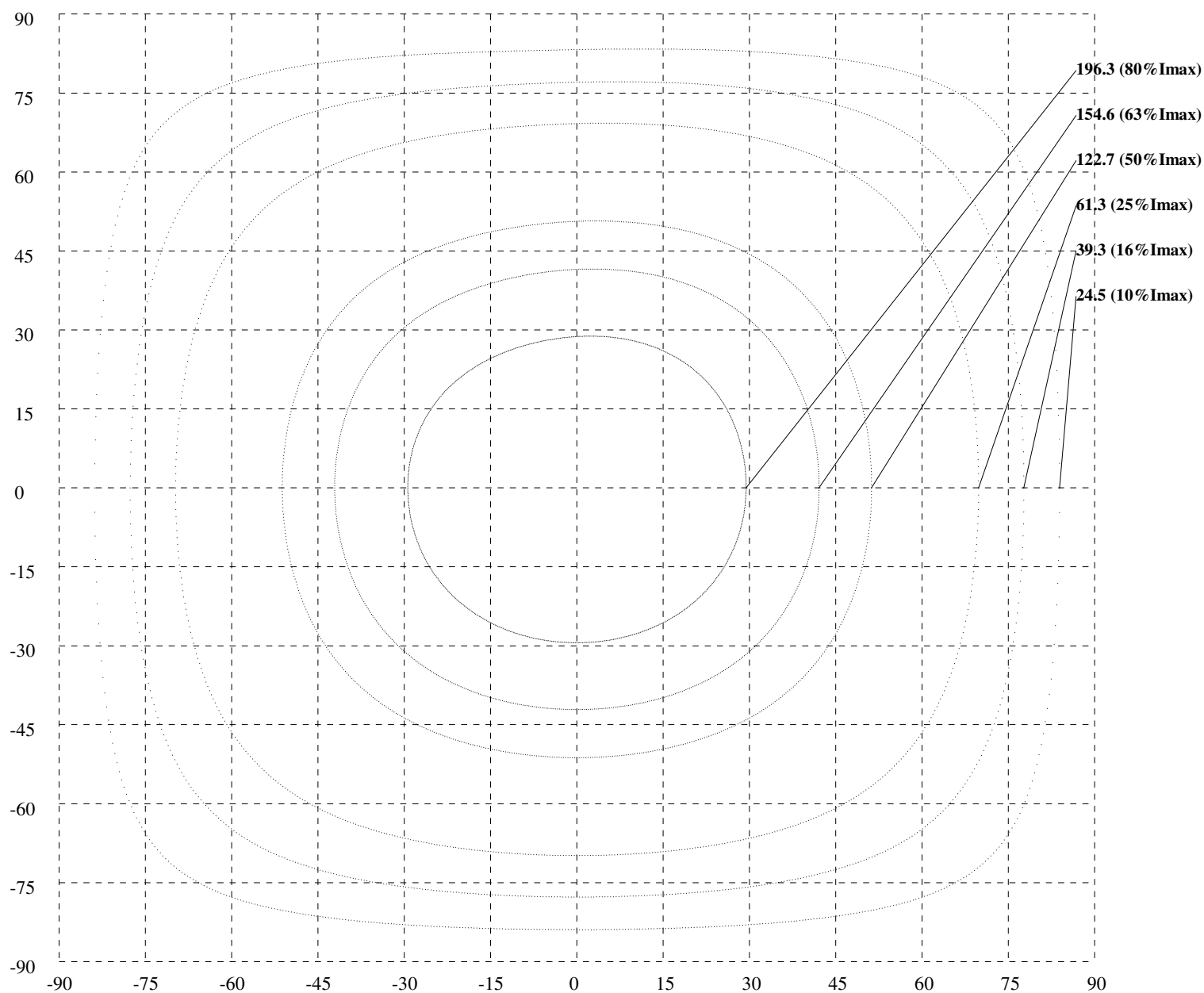
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	245.35	0.00	0.00	0.00	0.00
5	243.39	5.84	5.84	-584.28	-584.28
10	238.66	17.24	23.09	-1724.45	-2308.73
15	231.13	27.87	50.96	-2786.80	-5095.53
20	221.05	37.27	88.22	-3726.62	-8822.15
25	208.65	45.07	133.29	-4506.71	-13328.86
30	194.34	51.00	184.29	-5099.76	-18428.62
35	178.52	54.91	239.19	-5490.57	-23919.20
40	161.68	56.76	295.95	-5676.05	-29595.26
45	144.31	56.66	352.61	-5665.66	-35260.93
50	126.76	54.77	407.38	-5477.32	-40738.26
55	109.36	51.34	458.72	-5133.96	-45872.21
60	92.38	46.63	505.35	-4663.15	-50535.36
65	76.01	40.94	546.29	-4093.78	-54629.13
70	60.48	34.56	580.85	-3456.10	-58085.29
75	45.97	27.83	608.68	-2782.53	-60867.79
80	33.01	21.13	629.81	-2113.41	-62981.15
85	21.77	14.89	644.70	-1488.58	-64469.72
90	12.97	9.51	654.21	-951.27	-65421.06

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Coefficient Utilization Curve 8756-90

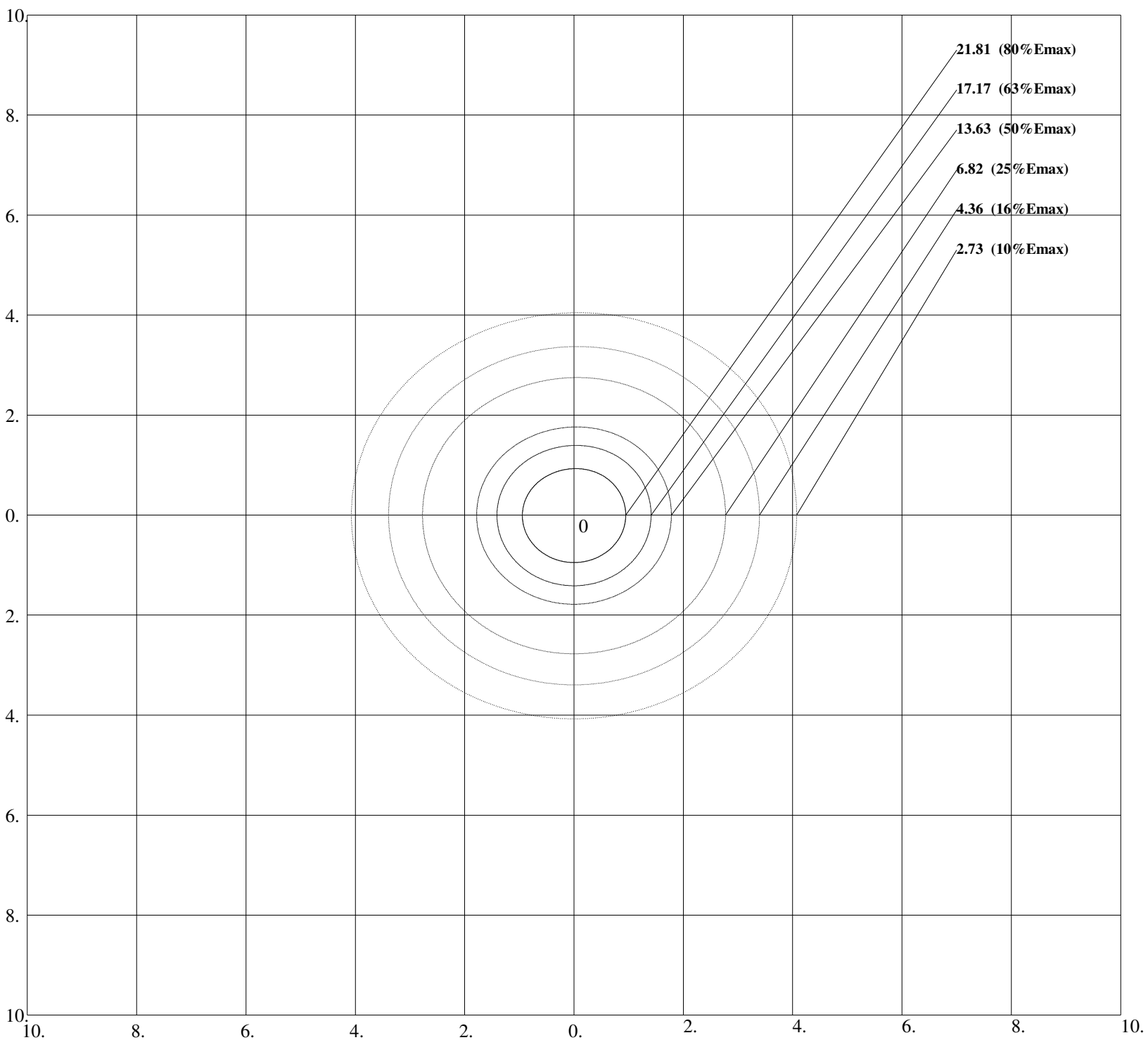


Light Distribution Curve[Unit: cd]





Iso-Lux [Unit :lx]8756-90



Units: lx
Height: 3 m
Max Illuminance : 27.26lx

RP Lighting • Fans

Lux-Distance Curve

