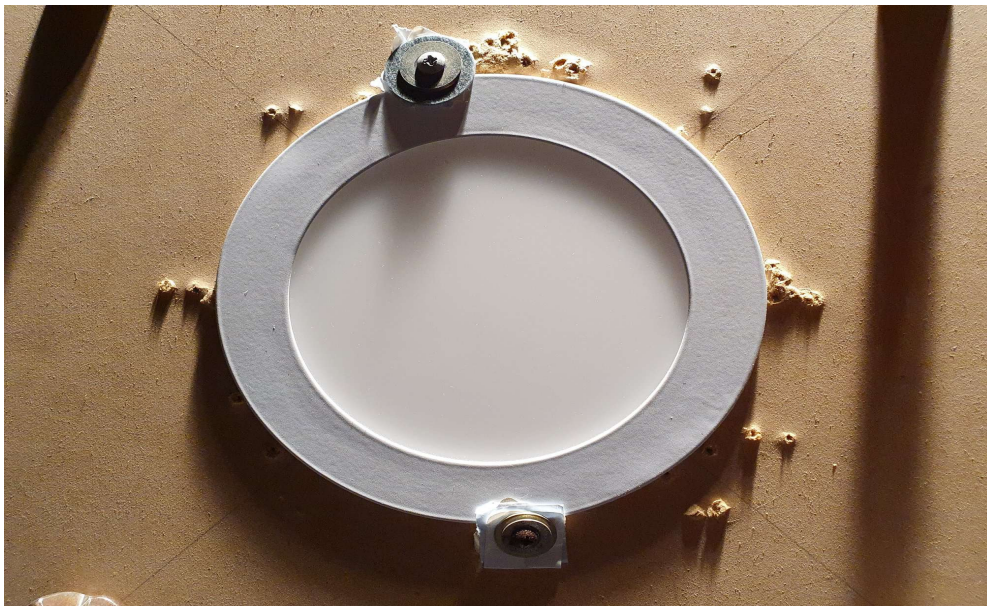


Test Report of Luminaire

Report No.:

Luminaire Type	8542-2		
Lamp Type	LED		
Client		EUT NO.	CCT: 2798K, CRI: 92.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.111
Power:	13.3	Power Factor	0.992
Frequency:	60Hz	Tc	2700K
Photometric Parameters			
Luminaire Flux	867.75 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	316.263cd	Central Intensity	316.263cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.01%		
Downward Flux Ratio	-86775.29%		
50%Imax Beam Width	C0_180[54.3 ,-54.3] C90_270[54.7 ,-53.9]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8542-2

C\G	0	5	10	15	20	25	30	35	40	45
0	316.3	313.6	307.8	299.5	288.0	274.8	258.7	241.1	221.8	200.6
5	316.3	313.9	307.8	299.2	288.1	274.7	259.1	241.1	221.9	200.7
10	316.3	313.6	307.6	299.3	288.3	274.9	259.1	241.2	222.0	200.8
15	316.3	313.6	307.6	299.3	288.3	274.9	259.4	241.3	222.1	200.9
20	316.3	313.6	307.7	299.4	288.2	275.0	259.4	241.5	222.1	201.1
25	316.3	313.6	307.7	299.4	288.2	275.0	259.5	241.6	222.3	201.1
30	316.3	313.6	307.7	299.4	288.4	275.0	259.5	241.7	222.3	201.2
35	316.3	313.5	307.9	299.5	288.1	275.2	259.5	241.8	222.4	201.3
40	316.3	313.7	307.8	299.4	288.2	275.3	259.6	241.8	222.5	201.4
45	316.3	313.6	307.8	299.5	288.3	275.3	259.6	241.9	222.5	201.5
50	316.3	313.6	307.9	299.6	288.4	275.2	259.7	242.0	222.7	201.7
55	316.3	313.6	307.9	299.6	288.5	275.4	259.6	242.0	222.8	201.8
60	316.3	313.6	308.0	299.6	288.5	275.3	259.8	242.1	222.8	201.8
65	316.3	313.6	307.9	299.5	288.7	275.5	259.9	242.1	223.0	202.0
70	316.3	313.7	307.9	299.7	288.6	275.5	259.8	242.2	223.0	202.2
75	316.3	313.6	307.9	299.6	288.6	275.5	260.0	242.2	223.1	202.2
80	316.3	313.6	307.7	299.6	288.6	275.6	259.9	242.4	223.1	202.2
85	316.3	313.4	307.9	299.6	288.7	275.6	260.1	242.5	223.0	202.3
90	316.3	313.4	307.8	299.6	288.6	275.6	260.0	242.4	223.1	202.2
95	316.3	313.4	308.0	299.6	288.5	275.4	260.0	242.5	223.1	202.3
100	316.3	313.3	307.9	299.6	288.6	275.6	260.1	242.4	223.1	202.4
105	316.3	313.4	307.9	299.8	288.6	275.6	260.2	242.4	223.1	202.3
110	316.3	313.5	308.0	299.7	288.5	275.6	260.0	242.4	223.2	202.5
115	316.3	313.5	307.8	299.6	288.6	275.5	259.9	242.4	223.0	202.4
120	316.3	313.3	307.9	299.7	288.6	275.5	260.0	242.4	223.1	202.4
125	316.3	313.2	307.8	299.7	288.4	275.5	259.9	242.4	223.0	202.3
130	316.3	313.3	307.8	299.6	288.5	275.3	259.8	242.3	223.0	202.1
135	316.3	313.1	307.7	299.4	288.4	275.3	259.7	242.2	222.8	202.0
140	316.3	313.2	307.7	299.5	288.4	275.1	259.4	242.3	222.7	201.8
145	316.3	313.1	307.7	299.3	288.3	275.2	259.5	242.1	222.5	201.7
150	316.3	313.1	307.5	299.2	288.2	275.1	259.5	242.0	222.7	201.5
155	316.3	313.3	307.5	299.3	288.2	274.7	259.4	241.6	222.4	201.5
160	316.3	312.9	307.5	299.2	288.2	275.0	259.3	241.5	222.2	201.4
165	316.3	313.1	307.6	299.0	288.0	274.8	259.0	241.4	222.2	201.2
170	316.3	313.1	307.4	299.0	288.1	274.6	258.7	241.2	222.0	201.0
175	316.3	313.2	307.3	298.8	288.0	274.4	258.7	241.1	221.8	200.8
180	316.3	312.8	307.4	298.8	287.9	274.3	258.4	240.9	221.7	200.6
185	316.3	313.0	307.2	298.9	287.9	274.2	258.5	240.7	221.4	200.4
190	316.3	313.0	307.2	298.7	287.7	274.2	258.2	240.5	221.3	200.2
195	316.3	313.0	307.2	298.8	287.4	274.0	258.2	240.4	221.1	200.1
200	316.3	312.9	307.1	298.6	287.4	274.0	258.1	240.2	220.9	199.8
205	316.3	313.0	307.1	298.6	287.5	273.9	257.9	240.4	220.7	199.7
210	316.3	312.9	307.0	298.5	287.5	273.7	257.9	240.3	220.5	199.5
215	316.3	312.8	306.7	298.5	287.4	273.7	257.7	239.9	220.4	199.4
220	316.3	312.8	306.7	298.4	287.2	273.6	257.8	240.2	220.3	199.3
225	316.3	312.7	306.9	298.3	287.3	273.6	257.8	239.9	220.2	199.2
230	316.3	312.6	306.9	298.4	287.2	273.6	257.5	239.8	220.1	199.1
235	316.3	312.7	306.7	298.1	287.1	273.5	257.7	239.7	220.2	198.9

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8542-2

240	316.3	312.5	306.6	298.2	287.0	273.5	257.6	239.7	220.3	198.8
245	316.3	312.5	306.9	298.2	287.0	273.5	257.6	239.7	220.3	198.9
250	316.3	312.5	306.8	298.2	287.0	273.5	257.5	239.5	220.2	199.1
255	316.3	312.5	306.8	298.1	286.9	273.5	257.6	239.8	220.2	198.9
260	316.3	312.4	306.5	298.1	286.8	273.4	257.5	239.5	220.1	199.0
265	316.3	312.7	306.5	298.0	287.0	273.3	257.6	239.6	220.1	199.0
270	316.3	312.6	306.6	298.2	287.0	273.3	257.7	239.6	220.3	199.0
275	316.3	312.4	306.8	298.1	287.1	273.4	257.6	239.7	220.2	199.0
280	316.3	312.4	306.7	298.2	287.2	273.4	257.7	239.7	220.3	199.1
285	316.3	312.6	306.7	298.3	287.1	273.4	257.7	239.7	220.3	199.2
290	316.3	312.5	306.6	298.3	287.2	273.5	257.7	239.7	220.4	199.1
295	316.3	312.4	306.8	298.3	287.1	273.6	257.9	239.9	220.5	199.2
300	316.3	312.5	306.7	298.2	287.2	273.6	258.1	240.0	220.4	199.4
305	316.3	312.6	306.8	298.2	287.3	273.6	258.0	240.0	220.5	199.6
310	316.3	312.6	306.7	298.2	287.4	273.7	258.1	240.2	220.5	199.6
315	316.3	312.6	306.6	298.3	287.3	273.7	258.1	240.2	220.8	199.7
320	316.3	312.7	306.7	298.3	287.3	273.8	258.3	240.3	220.7	199.8
325	316.3	312.8	306.7	298.3	287.4	273.9	258.4	240.3	220.9	199.8
330	316.3	312.6	306.9	298.4	287.4	273.9	258.3	240.4	221.0	199.9
335	316.3	312.6	306.8	298.3	287.5	273.9	258.4	240.5	220.9	200.0
340	316.3	312.6	306.9	298.2	287.6	274.1	258.5	240.4	221.3	200.1
345	316.3	312.6	307.0	298.3	287.6	274.0	258.5	240.6	221.2	200.4
350	316.3	312.6	307.1	298.3	287.6	274.1	258.6	240.6	221.3	200.3
355	316.3	312.6	306.8	298.4	287.7	274.2	258.6	240.9	221.4	200.4
360	316.3	313.6	307.8	299.5	288.0	274.8	258.7	241.1	221.8	200.6

C\G	50	55	60	65	70	75	80	85	90
0	178.2	154.8	130.3	105.5	80.9	56.9	34.6	14.9	0.6
5	178.3	154.9	130.5	105.6	81.0	57.0	34.6	15.0	0.6
10	178.4	155.0	130.6	105.8	81.1	57.1	34.7	15.1	0.6
15	178.6	155.1	130.8	105.9	81.3	57.2	34.9	15.2	0.6
20	178.7	155.4	130.9	106.1	81.4	57.3	35.0	15.3	0.6
25	178.7	155.5	131.0	106.3	81.5	57.5	35.0	15.0	0.6
30	178.9	155.6	131.1	106.4	81.7	57.7	34.0	14.1	0.6
35	179.1	155.8	131.2	106.6	82.0	57.9	33.8	13.2	0.6
40	179.3	155.9	131.5	106.7	82.1	58.1	33.8	12.9	0.6
45	179.4	156.1	131.7	106.9	82.4	58.3	33.9	12.9	0.6
50	179.5	156.1	131.8	107.1	82.6	58.6	34.2	13.1	0.6
55	179.6	156.2	132.0	107.3	82.8	58.8	34.6	13.5	0.6
60	179.7	156.5	132.1	107.5	82.9	59.1	35.2	14.1	0.6
65	179.8	156.6	132.2	107.8	83.2	59.3	36.1	15.3	0.6
70	179.8	156.6	132.3	107.9	83.4	59.5	37.0	16.2	0.6
75	179.9	156.8	132.4	108.1	83.6	59.7	37.1	16.4	0.7
80	179.9	156.9	132.6	108.1	83.8	59.9	37.3	16.5	0.7
85	180.0	156.8	132.6	108.3	83.9	60.0	37.4	16.6	0.7
90	180.2	156.9	132.8	108.4	84.1	60.2	37.5	16.6	0.7
95	180.3	157.0	132.9	108.4	84.1	60.3	37.6	16.7	0.7
100	180.2	157.2	132.9	108.6	84.2	60.4	37.7	16.7	0.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8542-2

105	180.3	157.1	132.9	108.6	84.3	60.4	37.8	16.8	0.7
110	180.3	156.9	132.8	108.6	84.2	60.4	37.8	16.8	0.7
115	180.2	156.9	132.8	108.6	84.2	60.4	37.7	16.6	0.8
120	180.2	156.9	132.8	108.5	84.1	60.3	36.9	15.8	0.8
125	180.0	156.9	132.6	108.4	84.0	60.2	36.6	15.2	0.8
130	180.0	156.6	132.5	108.3	84.0	60.1	36.2	14.8	0.7
135	179.8	156.5	132.5	108.1	83.7	59.8	35.9	14.5	0.7
140	179.6	156.3	132.3	107.9	83.5	59.7	35.7	14.5	0.7
145	179.5	156.2	132.1	107.8	83.2	59.4	35.7	14.7	0.7
150	179.3	155.9	131.9	107.5	83.1	59.1	35.8	15.1	0.7
155	179.1	155.9	131.6	107.3	82.8	58.9	36.4	15.9	0.7
160	178.9	155.7	131.5	107.0	82.5	58.6	36.3	16.4	0.6
165	178.8	155.4	131.2	106.7	82.2	58.3	36.0	16.2	0.7
170	178.6	155.2	131.0	106.5	81.9	58.0	35.7	16.0	0.6
175	178.3	155.0	130.8	106.2	81.6	57.7	35.4	15.7	0.7
180	178.3	154.8	130.5	105.9	81.3	57.4	35.1	15.5	0.6
185	178.0	154.5	130.3	105.6	81.0	57.1	34.8	15.2	0.6
190	177.9	154.3	130.1	105.4	80.7	56.7	34.5	15.0	0.7
195	177.6	154.1	129.8	105.2	80.5	56.5	34.3	14.8	0.7
200	177.5	153.9	129.6	104.9	80.2	56.3	34.1	14.6	0.6
205	177.3	153.8	129.4	104.7	80.1	56.1	33.5	14.1	0.7
210	177.1	153.6	129.2	104.6	79.9	55.9	32.6	13.3	0.7
215	177.0	153.4	129.0	104.4	79.7	55.7	32.2	12.9	0.7
220	177.0	153.4	129.0	104.3	79.6	55.7	31.9	12.6	0.6
225	176.6	153.2	128.8	104.2	79.5	55.6	31.7	12.2	0.6
230	176.7	153.1	128.7	104.1	79.4	55.6	31.7	11.9	0.6
235	176.5	153.1	128.8	104.0	79.4	55.6	31.9	11.9	0.6
240	176.6	152.9	128.7	104.0	79.4	55.5	32.2	12.0	0.6
245	176.5	153.0	128.7	104.0	79.4	55.6	33.2	12.8	0.6
250	176.5	152.9	128.6	104.1	79.4	55.6	33.3	13.3	0.6
255	176.5	152.8	128.6	104.1	79.5	55.6	33.3	13.2	0.6
260	176.5	152.9	128.6	104.0	79.5	55.7	33.4	13.2	0.6
265	176.5	152.9	128.7	104.1	79.5	55.8	33.4	13.1	0.6
270	176.5	152.9	128.8	104.2	79.6	55.8	33.4	13.1	0.6
275	176.5	153.0	128.8	104.2	79.7	55.9	33.5	13.0	0.6
280	176.6	153.2	128.9	104.4	79.7	56.0	33.5	13.0	0.6
285	176.6	153.2	128.9	104.3	79.8	56.1	33.6	13.1	0.6
290	176.7	153.3	129.0	104.5	79.9	56.2	33.7	13.1	0.6
295	176.7	153.5	129.1	104.6	80.0	56.2	33.4	12.7	0.6
300	176.8	153.6	129.3	104.6	80.1	56.3	32.5	11.5	0.6
305	176.9	153.7	129.3	104.7	80.2	56.4	32.3	10.8	0.6
310	177.0	153.7	129.4	104.7	80.2	56.5	32.2	10.5	0.6
315	177.2	153.8	129.4	104.9	80.3	56.5	32.2	10.5	0.6
320	177.2	153.7	129.5	104.9	80.3	56.5	32.3	10.8	0.6
325	177.3	153.8	129.5	105.0	80.4	56.6	32.6	11.5	0.6
330	177.5	153.9	129.7	105.1	80.4	56.6	33.1	12.3	0.6
335	177.5	154.1	129.7	105.1	80.5	56.6	33.9	13.5	0.6
340	177.6	154.2	129.9	105.2	80.5	56.7	34.4	14.3	0.6
345	177.8	154.3	129.9	105.2	80.6	56.7	34.4	14.6	0.7

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8542-2

350	177.9	154.5	129.9	105.3	80.6	56.8	34.4	14.7	0.6
355	178.0	154.4	130.1	105.5	80.7	56.8	34.5	14.8	0.6
360	178.2	154.8	130.3	105.5	80.9	56.9	34.6	14.9	0.6

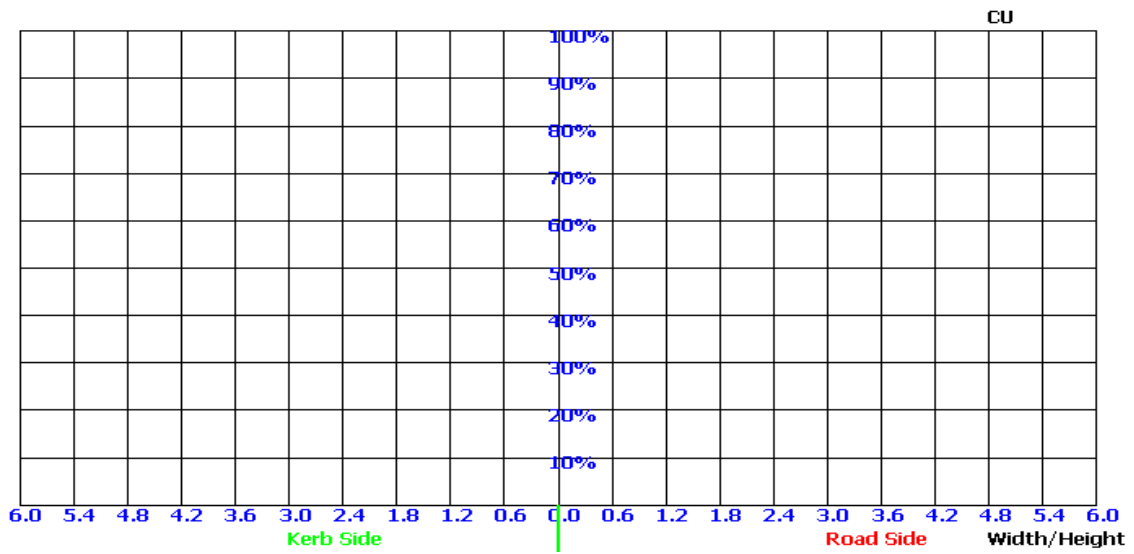
RP Lighting + Fans

Zonal Flux 8542-2

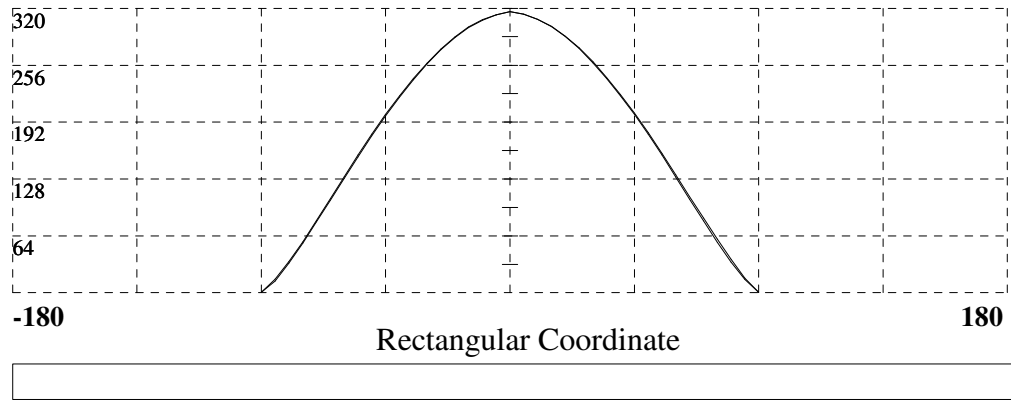
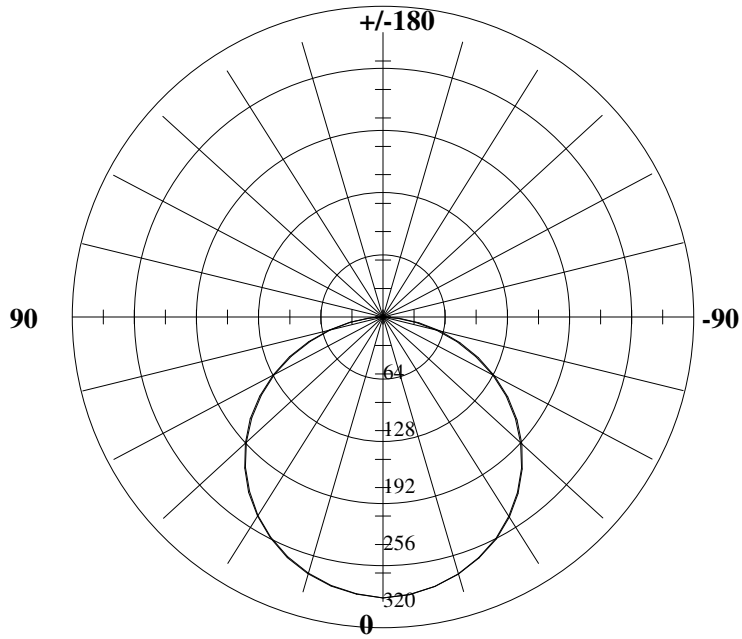
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	316.26	0.00	0.00	0.00	0.00
5	313.04	7.52	7.52	-752.32	-752.32
10	307.28	22.19	29.71	-2219.10	-2971.41
15	298.91	35.96	65.67	-3595.87	-6567.28
20	287.84	48.36	114.03	-4835.60	-11402.90
25	274.48	58.98	173.01	-5897.70	-17300.59
30	258.78	67.49	240.49	-6748.52	-24049.10
35	241.01	73.60	314.09	-7359.87	-31408.96
40	221.63	77.19	391.28	-7718.90	-39127.86
45	200.62	78.18	469.46	-7818.43	-46946.29
50	178.27	76.56	546.02	-7656.13	-54602.42
55	154.88	72.44	618.46	-7243.71	-61846.14
60	130.59	65.99	684.45	-6598.55	-68444.68
65	106.03	57.52	741.97	-5752.42	-74197.11
70	81.48	47.48	789.45	-4747.82	-78944.93
75	57.59	36.35	825.80	-3634.89	-82579.84
80	34.57	24.66	850.46	-2465.99	-85045.81
85	14.15	13.24	863.70	-1323.99	-86369.77
90	0.66	4.05	867.75	-405.43	-86775.21

RP Lighting + Fans

Coefficient Utilization Curve 8542-2

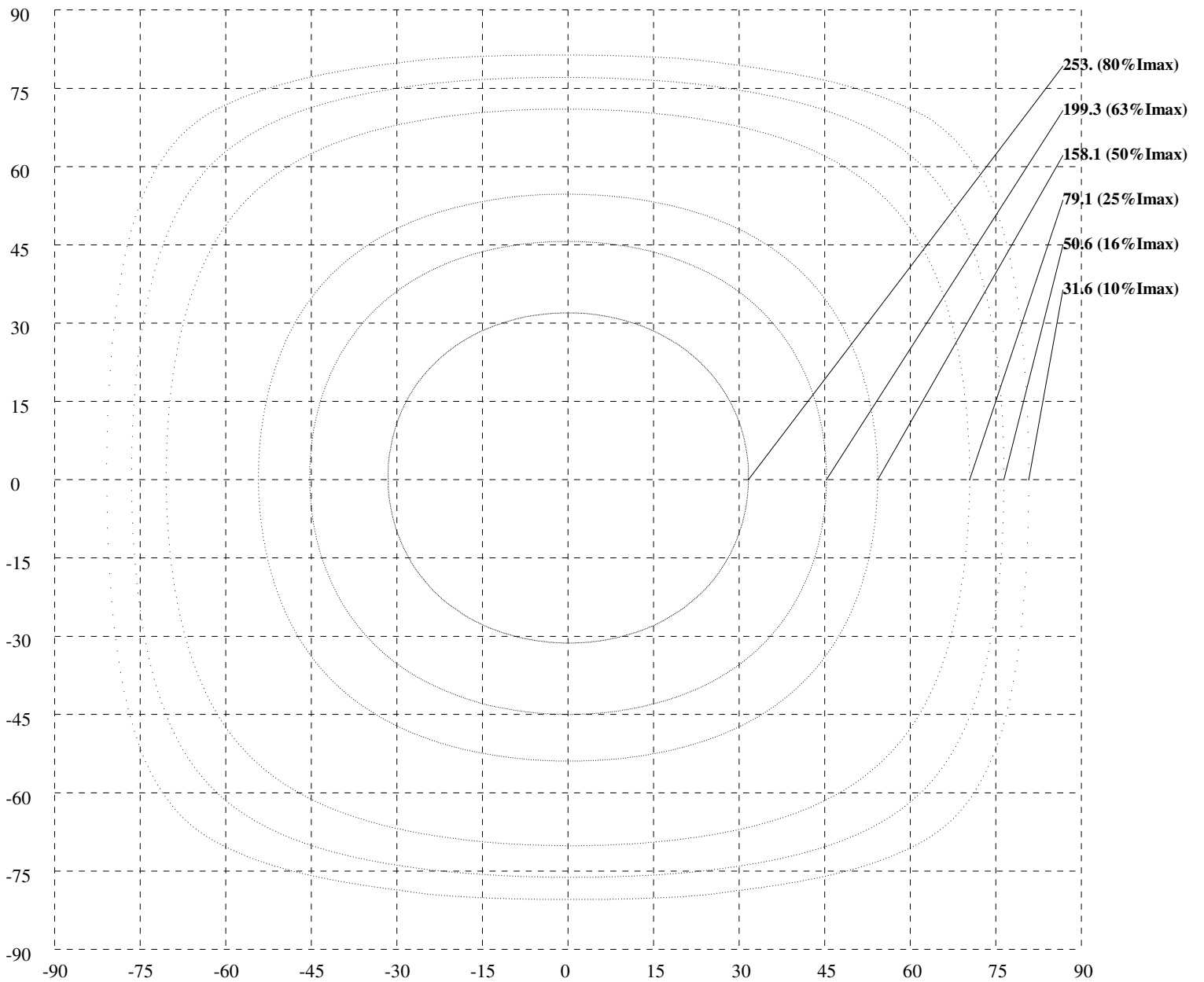


Light Distribution Curve[Unit: cd]



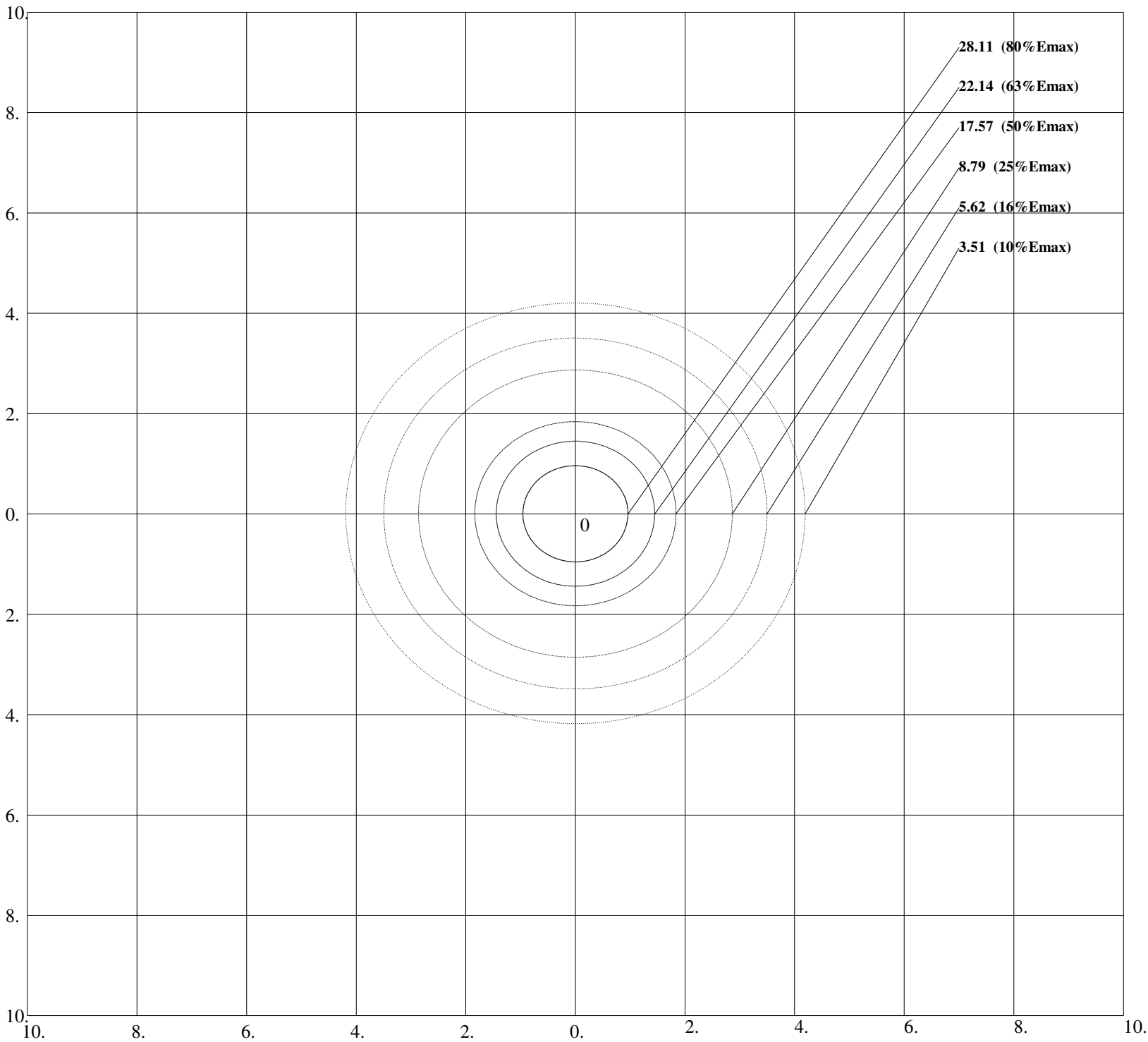
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8542-2



RP Lighting + Fans

Iso-Lux [Unit :lx] 8542-2



Units: lx
Height: 3 m
Max Illuminance : 35.14lx

RP Lighting + Fans

Lux-Distance Curve

