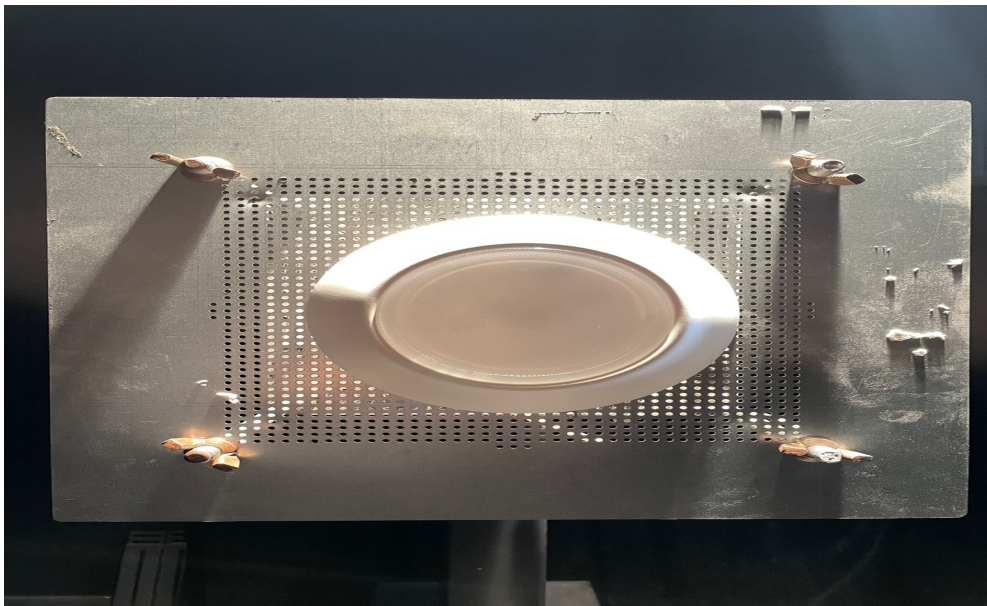


Test Report of Luminaire

Report No.:

Luminaire Type	8538WH-80-3000K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3008K, CRI: 84.2Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.137
Power:	14.8	Power Factor	0.905
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	985.30 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	402.858cd	Central Intensity	402.858cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-98529.78%		
50%Imax Beam Width	C0_180[49.1 , -49.5] C90_270[49.0 , -49.5]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8538WH-80-3000K

C\G	0	5	10	15	20	25	30	35	40	45
0	402.9	396.9	385.5	370.6	352.1	330.6	306.5	280.4	252.9	224.6
5	402.9	396.8	385.4	370.5	352.0	330.4	306.3	280.3	252.8	224.4
10	402.9	396.7	385.4	370.4	351.8	330.3	306.2	280.0	252.5	224.2
15	402.9	396.7	385.3	370.3	351.8	330.1	306.0	279.9	252.4	224.0
20	402.9	396.5	385.3	370.2	351.6	330.1	305.9	279.7	252.2	223.9
25	402.9	396.5	385.1	370.1	351.6	329.9	305.9	279.6	252.1	223.7
30	402.9	396.4	385.2	370.0	351.5	329.9	305.7	279.5	252.1	223.7
35	402.9	396.4	385.1	370.0	351.5	329.8	305.6	279.5	251.9	223.6
40	402.9	396.3	385.0	370.0	351.5	329.7	305.6	279.5	251.9	223.5
45	402.9	396.4	385.0	370.1	351.4	329.8	305.6	279.4	251.9	223.6
50	402.9	396.3	385.0	370.0	351.6	329.8	305.7	279.5	251.9	223.5
55	402.9	396.3	385.0	370.0	351.6	329.9	305.7	279.5	252.0	223.7
60	402.9	396.3	385.0	370.1	351.6	329.9	305.8	279.6	252.1	223.7
65	402.9	396.2	385.0	370.0	351.6	330.1	305.9	279.7	252.1	223.8
70	402.9	396.3	385.0	370.2	351.7	330.2	306.0	279.8	252.3	223.9
75	402.9	396.2	385.0	370.2	351.8	330.3	306.1	280.0	252.4	224.0
80	402.9	396.4	385.1	370.4	351.8	330.5	306.3	280.1	252.6	224.1
85	402.9	396.3	385.1	370.4	352.0	330.5	306.5	280.3	252.8	224.3
90	402.9	396.1	385.4	370.5	352.1	330.8	306.7	280.5	253.0	224.6
95	402.9	396.2	385.3	370.6	352.3	330.9	306.9	280.7	253.2	224.7
100	402.9	396.1	385.4	370.8	352.4	331.1	307.1	280.9	253.3	224.9
105	402.9	396.2	385.4	370.8	352.7	331.3	307.2	281.1	253.6	225.1
110	402.9	396.2	385.4	370.9	352.8	331.5	307.5	281.3	253.8	225.4
115	402.9	396.3	385.5	371.0	353.0	331.7	307.6	281.6	254.0	225.6
120	402.9	396.3	385.6	371.1	353.1	331.8	307.8	281.7	254.3	225.8
125	402.9	396.2	385.6	371.3	353.2	332.0	308.0	282.0	254.4	225.9
130	402.9	396.2	385.7	371.4	353.5	332.1	308.2	282.2	254.7	226.1
135	402.9	396.1	385.7	371.5	353.5	332.3	308.3	282.3	254.9	226.3
140	402.9	396.2	385.7	371.6	353.7	332.4	308.5	282.5	255.0	226.4
145	402.9	396.1	385.9	371.6	353.7	332.6	308.6	282.6	255.2	226.6
150	402.9	396.2	385.9	371.8	353.9	332.6	308.7	282.8	255.2	226.7
155	402.9	396.2	386.0	371.8	354.0	332.9	308.9	282.9	255.4	226.9
160	402.9	396.2	386.0	371.8	354.0	332.9	308.9	283.0	255.5	226.9
165	402.9	396.2	386.0	371.9	354.1	333.0	309.2	283.1	255.5	227.0
170	402.9	396.2	386.0	372.0	354.1	333.1	309.0	283.1	255.6	227.1
175	402.9	396.1	386.0	371.9	354.2	333.1	309.2	283.2	255.7	227.1
180	402.9	396.1	386.1	372.0	354.2	333.2	309.3	283.2	255.7	227.2
185	402.9	396.1	386.0	372.0	354.2	333.2	309.2	283.3	255.8	227.2
190	402.9	396.1	386.0	372.1	354.2	333.2	309.3	283.3	255.8	227.3
195	402.9	396.1	386.0	372.0	354.2	333.2	309.2	283.3	255.8	227.3
200	402.9	396.0	386.0	372.0	354.2	333.2	309.3	283.3	255.8	227.3
205	402.9	396.1	386.0	372.0	354.1	333.2	309.2	283.2	255.8	227.3
210	402.9	396.0	386.0	371.9	354.2	333.2	309.2	283.3	255.8	227.2
215	402.9	396.0	386.0	372.0	354.1	333.1	309.1	283.2	255.8	227.3
220	402.9	396.0	385.9	371.9	354.1	333.1	309.1	283.2	255.7	227.2
225	402.9	395.9	385.9	371.9	354.1	333.0	309.1	283.1	255.7	227.3
230	402.9	395.8	385.8	371.9	354.1	333.0	309.0	283.1	255.7	227.2
235	402.9	395.7	385.8	371.8	354.0	332.9	309.0	283.0	255.6	227.2

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8538WH-80-3000K

240	402.9	395.8	385.7	371.8	354.0	332.9	309.0	283.1	255.6	227.2
245	402.9	395.7	385.7	371.7	353.9	332.8	308.9	283.0	255.6	227.2
250	402.9	395.7	385.9	371.7	353.9	332.8	308.9	283.0	255.6	227.1
255	402.9	395.6	385.6	371.6	353.9	332.7	308.8	283.0	255.5	227.2
260	402.9	395.5	385.5	371.4	353.8	332.7	308.8	282.9	255.6	227.2
265	402.9	395.5	385.4	371.4	353.7	332.6	308.8	282.9	255.5	227.1
270	402.9	395.4	385.4	371.3	353.6	332.6	308.7	282.8	255.5	227.2
275	402.9	395.4	385.2	371.3	353.6	332.4	308.6	282.8	255.4	227.1
280	402.9	395.3	385.3	371.2	353.5	332.4	308.6	282.7	255.4	227.1
285	402.9	395.2	385.1	371.1	353.4	332.4	308.5	282.7	255.4	227.1
290	402.9	395.1	385.1	371.2	353.3	332.2	308.5	282.6	255.3	227.0
295	402.9	395.1	385.0	371.0	353.2	332.1	308.3	282.5	255.2	226.9
300	402.9	394.9	384.9	370.8	353.1	332.0	308.2	282.4	255.1	226.9
305	402.9	395.0	384.8	370.9	352.9	331.9	308.1	282.3	255.0	226.8
310	402.9	394.9	384.7	370.7	352.9	331.8	307.9	282.2	254.9	226.6
315	402.9	394.8	384.6	370.5	352.7	331.7	307.8	282.0	254.8	226.6
320	402.9	394.7	384.5	370.3	352.5	331.5	307.6	281.9	254.5	226.3
325	402.9	394.6	384.4	370.2	352.4	331.3	307.5	281.7	254.3	226.2
330	402.9	394.6	384.4	370.2	352.2	331.2	307.3	281.5	254.2	226.0
335	402.9	394.4	384.3	370.0	352.1	331.0	307.1	281.3	253.9	225.7
340	402.9	394.4	384.0	369.9	352.0	330.9	307.0	281.0	253.7	225.6
345	402.9	394.3	384.0	369.7	351.8	330.6	306.7	280.9	253.5	225.3
350	402.9	394.2	383.9	369.7	351.7	330.5	306.5	280.6	253.3	225.1
355	402.9	394.2	383.9	369.6	351.5	330.3	306.3	280.4	253.1	224.8
360	402.9	396.9	385.5	370.6	352.1	330.6	306.5	280.4	252.9	224.6

C\G	50	55	60	65	70	75	80	85	90
0	196.2	167.6	139.3	111.3	83.9	57.7	33.8	14.3	1.3
5	196.0	167.5	139.1	111.2	83.8	57.6	33.7	14.2	1.2
10	195.8	167.2	138.9	111.0	83.6	57.4	33.6	14.2	1.3
15	195.6	167.1	138.8	110.8	83.4	57.3	33.5	14.1	1.2
20	195.5	166.9	138.6	110.6	83.3	57.2	33.4	14.0	1.2
25	195.3	166.8	138.4	110.5	83.2	57.0	33.3	13.9	1.2
30	195.2	166.7	138.3	110.4	83.0	56.9	33.2	13.7	1.2
35	195.2	166.5	138.2	110.3	82.9	56.8	33.1	13.7	1.2
40	195.1	166.5	138.2	110.2	82.8	56.7	33.0	13.6	1.2
45	195.1	166.5	138.1	110.1	82.8	56.6	32.9	13.5	1.2
50	195.1	166.5	138.1	110.1	82.7	56.5	32.8	13.4	1.2
55	195.1	166.5	138.1	110.0	82.6	56.4	32.7	13.3	1.2
60	195.2	166.5	138.1	110.1	82.6	56.4	32.6	13.2	1.1
65	195.2	166.6	138.2	110.1	82.6	56.3	32.6	13.2	1.1
70	195.4	166.7	138.2	110.1	82.6	56.3	32.5	13.1	1.1
75	195.5	166.8	138.3	110.2	82.6	56.3	32.5	13.1	1.1
80	195.6	166.9	138.4	110.2	82.6	56.3	32.4	13.0	1.1
85	195.8	167.0	138.5	110.3	82.7	56.3	32.4	13.0	1.0
90	196.0	167.2	138.6	110.3	82.7	56.3	32.4	12.9	1.0
95	196.1	167.3	138.7	110.5	82.8	56.3	32.4	12.9	1.0
100	196.3	167.5	138.8	110.5	82.8	56.3	32.4	12.9	0.9

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8538WH-80-3000K

105	196.5	167.7	138.9	110.6	82.9	56.4	32.3	12.9	0.9
110	196.6	167.8	139.1	110.7	83.0	56.4	32.3	12.9	0.9
115	196.9	168.0	139.2	110.8	83.0	56.4	32.3	12.9	0.9
120	197.0	168.1	139.4	110.9	83.1	56.4	32.3	12.8	0.8
125	197.2	168.3	139.5	111.1	83.2	56.5	32.3	12.8	0.8
130	197.4	168.4	139.6	111.1	83.2	56.5	32.4	12.8	0.8
135	197.5	168.5	139.7	111.2	83.3	56.6	32.4	12.8	0.8
140	197.7	168.7	139.9	111.3	83.4	56.7	32.4	12.8	0.8
145	197.8	168.8	140.0	111.4	83.5	56.7	32.4	12.8	0.8
150	198.0	168.9	140.1	111.5	83.5	56.8	32.5	12.8	0.7
155	198.0	169.0	140.2	111.6	83.6	56.9	32.5	12.8	0.7
160	198.1	169.1	140.3	111.7	83.7	57.0	32.6	12.9	0.7
165	198.2	169.2	140.4	111.8	83.8	57.0	32.7	13.0	0.7
170	198.3	169.3	140.4	111.9	83.9	57.1	32.8	13.1	0.7
175	198.4	169.4	140.5	112.0	84.0	57.3	32.9	13.2	0.7
180	198.4	169.5	140.6	112.1	84.1	57.4	33.0	13.3	0.7
185	198.5	169.5	140.7	112.1	84.2	57.5	33.2	13.4	0.7
190	198.5	169.6	140.7	112.2	84.3	57.6	33.3	13.5	0.7
195	198.5	169.6	140.7	112.3	84.4	57.7	33.4	13.6	0.7
200	198.5	169.6	140.8	112.4	84.5	57.8	33.5	13.6	0.7
205	198.5	169.7	140.9	112.5	84.6	57.9	33.6	13.7	0.7
210	198.5	169.6	140.9	112.5	84.7	58.0	33.7	13.8	0.7
215	198.6	169.7	140.9	112.6	84.8	58.1	33.8	13.9	0.8
220	198.5	169.7	141.0	112.6	84.9	58.2	33.9	14.0	0.8
225	198.5	169.7	141.0	112.7	85.0	58.3	34.0	14.0	0.8
230	198.5	169.7	141.1	112.8	85.0	58.4	34.1	14.1	0.9
235	198.5	169.7	141.1	112.8	85.1	58.5	34.2	14.2	0.9
240	198.5	169.8	141.1	112.9	85.1	58.5	34.3	14.3	0.9
245	198.5	169.8	141.2	112.9	85.2	58.6	34.3	14.4	1.0
250	198.6	169.9	141.2	113.0	85.3	58.7	34.4	14.5	1.0
255	198.6	169.9	141.3	113.0	85.3	58.8	34.5	14.5	1.1
260	198.6	169.9	141.3	113.1	85.4	58.9	34.6	14.6	1.1
265	198.6	169.9	141.4	113.1	85.5	59.0	34.7	14.7	1.2
270	198.6	169.9	141.4	113.2	85.6	59.0	34.7	14.8	1.2
275	198.6	170.0	141.4	113.2	85.6	59.0	34.8	14.8	1.2
280	198.6	169.9	141.4	113.2	85.6	59.1	34.8	14.9	1.2
285	198.6	170.0	141.4	113.3	85.6	59.1	34.8	14.9	1.3
290	198.5	169.9	141.4	113.2	85.6	59.1	34.8	14.9	1.3
295	198.4	169.9	141.3	113.2	85.6	59.1	34.8	14.9	1.3
300	198.4	169.8	141.3	113.1	85.6	59.0	34.8	14.9	1.3
305	198.3	169.7	141.2	113.0	85.5	59.0	34.7	14.9	1.3
310	198.2	169.5	141.1	113.0	85.4	58.9	34.7	14.8	1.3
315	198.0	169.4	140.9	112.8	85.3	58.8	34.6	14.8	1.3
320	197.9	169.3	140.8	112.7	85.2	58.7	34.5	14.7	1.3
325	197.6	169.1	140.7	112.6	85.1	58.6	34.4	14.6	1.3
330	197.5	168.9	140.5	112.4	84.9	58.5	34.4	14.6	1.3
335	197.2	168.7	140.3	112.3	84.8	58.4	34.3	14.5	1.3
340	197.1	168.5	140.1	112.0	84.6	58.3	34.2	14.5	1.3
345	196.8	168.3	139.9	111.9	84.4	58.1	34.1	14.4	1.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8538WH-80-3000K

350	196.6	168.1	139.7	111.7	84.3	58.0	34.1	14.4	1.3
355	196.4	167.9	139.5	111.5	84.1	57.9	34.0	14.4	1.3
360	196.2	167.6	139.3	111.3	83.9	57.7	33.8	14.3	1.3

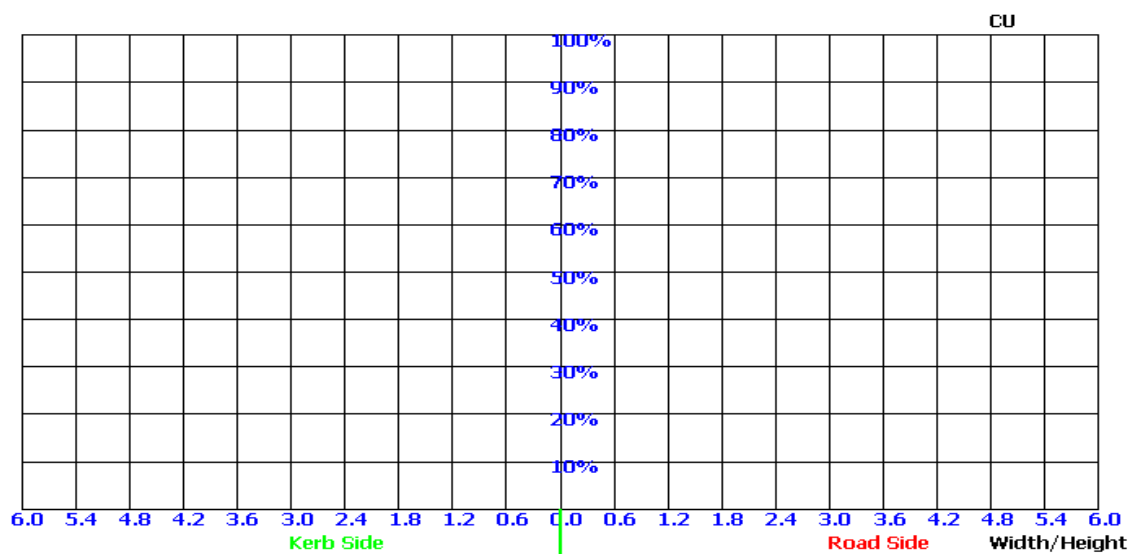
RP Lighting + Fans

Zonal Flux 8538WH-80-3000K

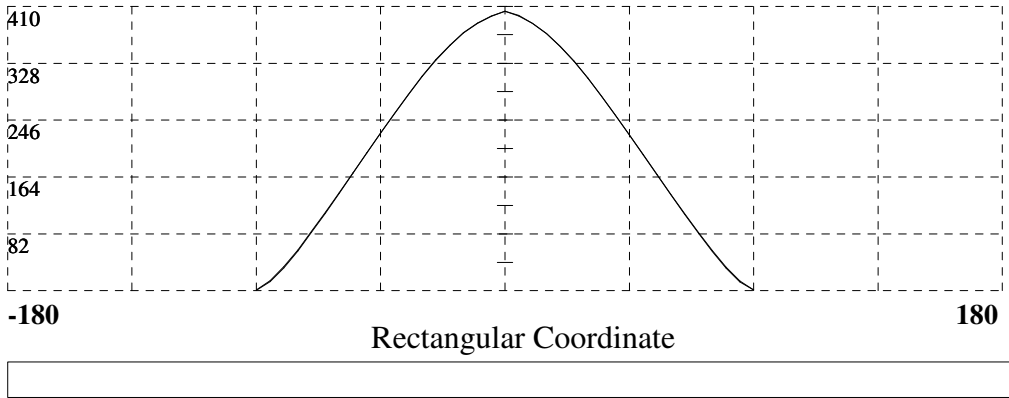
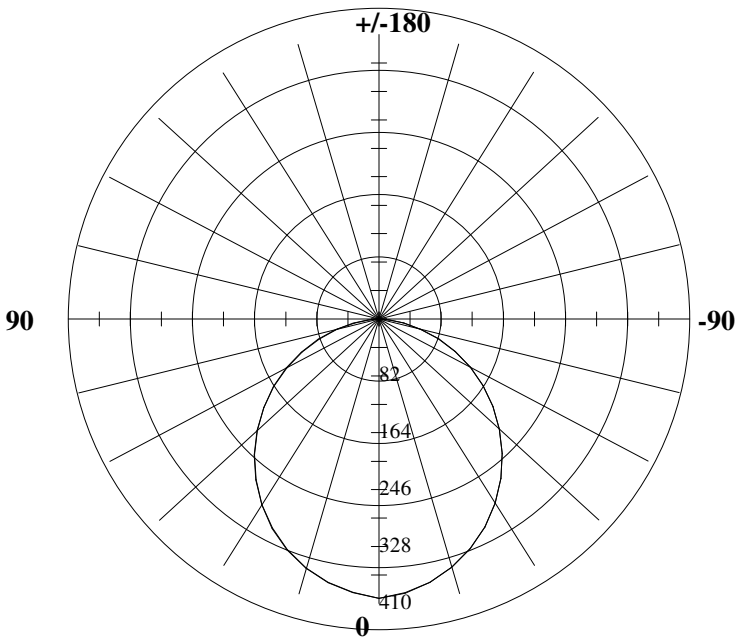
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	402.86	0.00	0.00	0.00	0.00
5	395.84	9.55	9.55	-954.82	-954.82
10	385.33	27.94	37.49	-2794.47	-3749.29
15	370.99	44.86	82.36	-4486.45	-8235.73
20	352.94	59.66	142.02	-5966.21	-14201.94
25	331.69	71.81	213.82	-7180.52	-21382.46
30	307.71	80.92	294.74	-8091.75	-29474.21
35	281.72	86.80	381.54	-8679.76	-38153.98
40	254.28	89.43	470.97	-8942.63	-47096.63
45	225.89	88.91	559.87	-8890.76	-55987.39
50	197.29	85.51	645.39	-8551.14	-64538.54
55	168.55	79.55	724.93	-7954.59	-72493.14
60	139.95	71.31	796.24	-7130.85	-79623.97
65	111.72	61.18	857.42	-6118.17	-85742.15
70	84.08	49.58	907.00	-4957.82	-90699.96
75	57.59	37.03	944.03	-3703.09	-94403.07
80	33.49	24.37	968.40	-2437.07	-96840.12
85	13.78	12.84	981.24	-1284.34	-98124.46
90	1.03	4.05	985.30	-405.43	-98529.90

RP Lighting + Fans

Coefficient Utilization Curve 8538WH-80-3000K

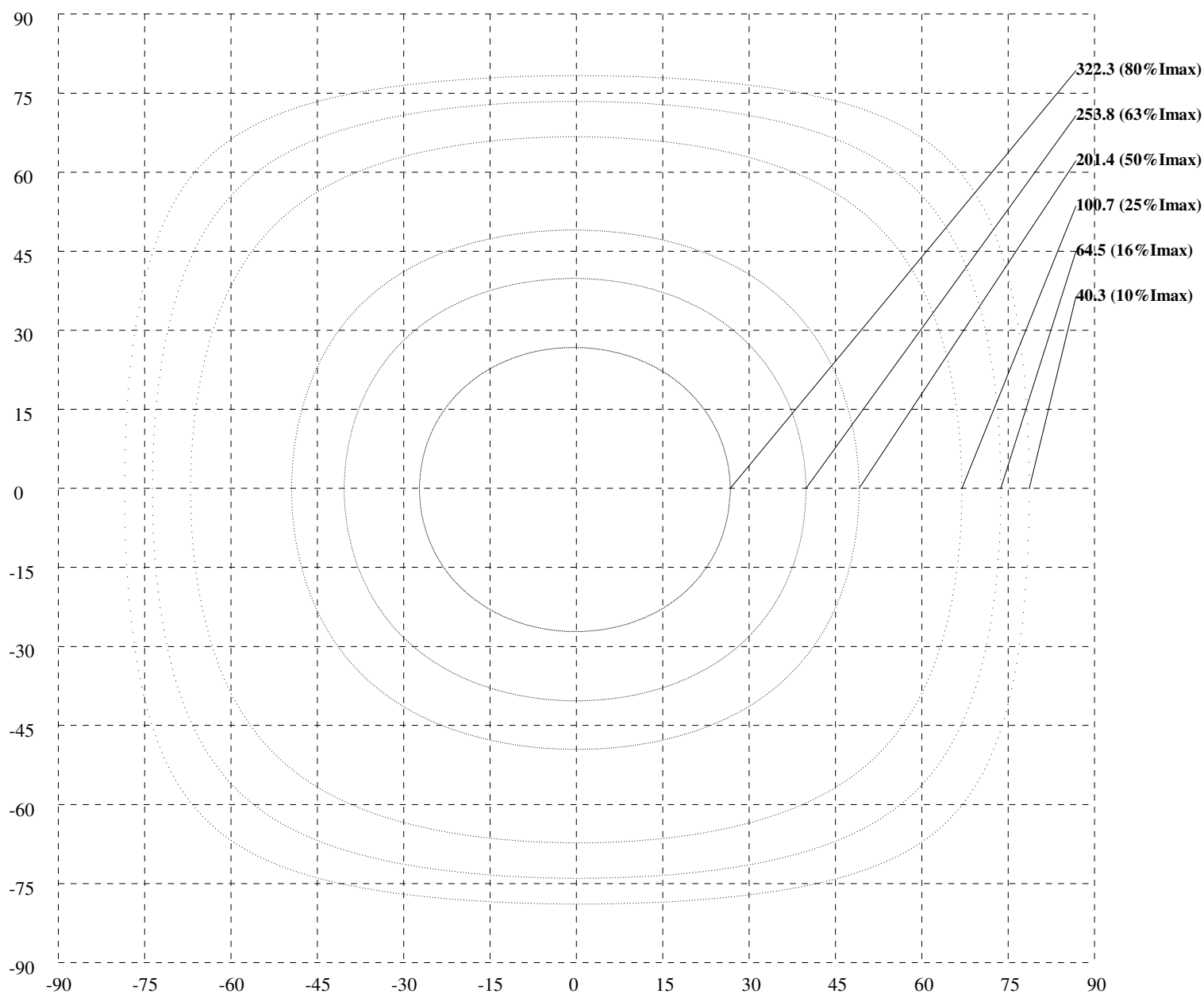


Light Distribution Curve[Unit: cd]



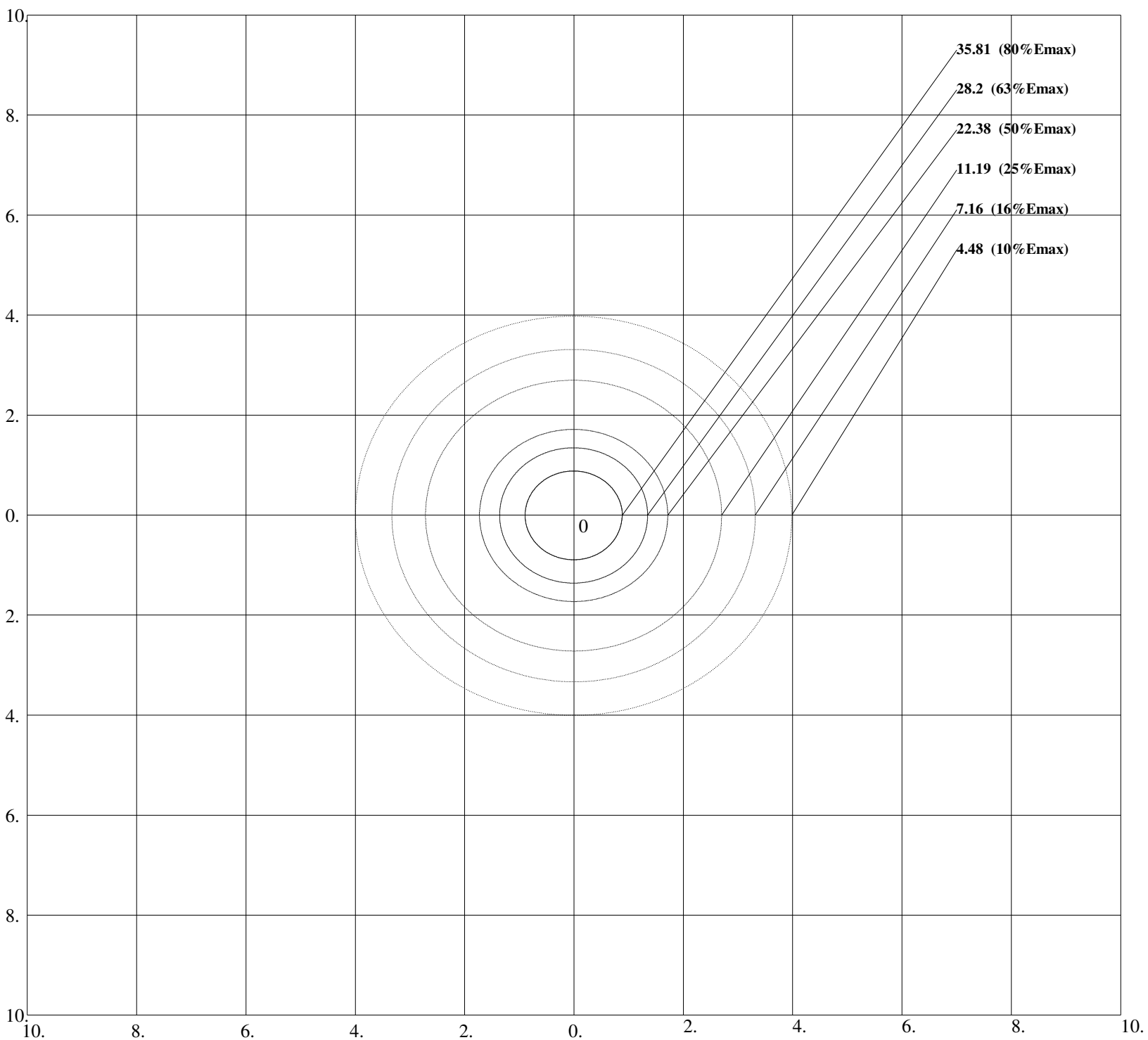
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8538WH-80-3000K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8538WH-80-3000K



Units: lx
Height: 3 m
Max Illuminance : 44.76lx

RP Lighting + Fans

Lux-Distance Curve

