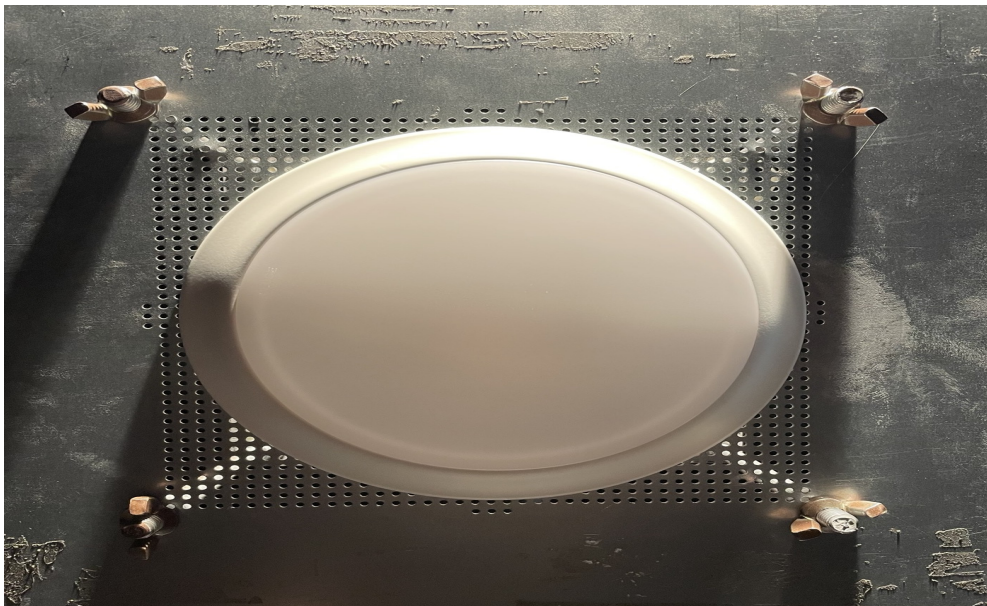


Test Report of Luminaire

Report No.:

Luminaire Type	8554WH-16-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2999K, CRI: 93.8Ra
Luminaire Parameters:			
Voltage	120.1	Current	0.147
Power:	16.1	Power Factor	0.914
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1183.62 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	401.148cd	Central Intensity	401.148cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.01%		
Downward Flux Ratio	-118362.0%		
50%Imax Beam Width	C0_180[57.0 , -57.1] C90_270[57.6 , -56.5]		
Remark			

Luminaire Figure


RP Lighting + Fans

Photometric Data Table [Unit:cd] 8554WH-16-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	401.1	399.5	393.4	382.6	371.9	355.6	339.0	316.9	295.3	270.0
5	401.1	399.5	393.0	382.5	372.1	356.4	339.3	316.9	295.1	270.3
10	401.1	399.6	392.4	382.9	372.3	357.2	339.4	317.2	294.9	270.5
15	401.1	399.6	391.9	383.7	372.5	357.6	339.6	317.3	294.7	270.7
20	401.1	399.6	391.8	384.3	372.6	357.6	339.5	317.8	294.6	271.0
25	401.1	399.6	392.6	384.8	372.7	357.8	339.2	318.2	295.0	271.2
30	401.1	399.6	393.7	385.0	372.9	357.9	338.8	318.7	295.4	271.4
35	401.1	399.4	393.8	385.0	373.0	358.1	338.5	319.2	295.7	271.5
40	401.1	399.0	393.9	385.1	373.0	358.2	338.5	319.6	296.1	271.7
45	401.1	398.5	393.9	385.1	373.1	358.2	338.9	320.0	296.6	271.7
50	401.1	397.9	393.9	385.2	373.3	357.8	339.2	320.2	297.1	271.8
55	401.1	397.7	393.0	385.2	373.4	357.2	339.7	320.4	297.5	271.9
60	401.1	397.6	392.0	385.3	373.5	356.9	340.2	320.4	297.7	272.0
65	401.1	397.6	392.5	385.4	373.4	356.8	340.7	320.6	297.8	272.0
70	401.1	397.6	393.8	385.4	373.4	356.8	341.1	320.7	297.9	272.0
75	401.1	397.8	394.2	385.4	372.9	356.9	341.2	320.7	298.0	272.0
80	401.1	398.2	394.1	385.5	372.2	357.0	341.2	320.9	298.1	272.1
85	401.1	398.7	394.2	385.5	371.8	357.3	341.2	320.9	298.1	272.2
90	401.1	399.2	393.9	385.5	371.8	357.5	341.3	320.9	298.2	272.4
95	401.1	399.6	393.1	385.5	372.3	357.7	341.4	320.9	298.2	272.6
100	401.1	399.6	392.2	385.5	373.0	357.9	341.3	321.0	298.2	272.7
105	401.1	399.6	392.2	385.6	373.6	358.0	341.3	320.9	298.2	272.8
110	401.1	399.6	392.9	385.5	373.7	358.1	341.3	321.0	298.1	272.7
115	401.1	399.6	393.8	385.4	373.6	358.2	341.3	320.9	298.1	272.7
120	401.1	399.6	394.0	385.4	373.6	358.4	341.2	320.8	298.0	272.6
125	401.1	399.6	394.0	385.4	373.6	358.5	341.2	320.7	297.9	272.5
130	401.1	399.5	394.0	385.4	373.4	358.6	340.9	320.6	297.8	272.5
135	401.1	399.3	394.0	385.2	373.4	358.6	340.7	320.5	297.7	272.4
140	401.1	398.8	393.9	385.2	373.1	358.5	340.5	320.3	297.5	272.2
145	401.1	398.6	393.9	384.8	372.6	358.5	340.2	320.3	297.3	272.0
150	401.1	398.3	393.3	384.3	372.0	358.3	340.1	320.1	297.2	271.7
155	401.1	398.1	392.6	383.7	371.4	358.1	340.1	319.9	296.9	271.4
160	401.1	398.1	392.0	383.1	371.0	358.0	340.0	319.7	296.8	271.0
165	401.1	398.1	391.6	382.8	370.8	357.8	340.1	319.5	296.6	270.6
170	401.1	398.1	391.5	383.1	371.0	357.7	339.8	319.4	296.4	270.1
175	401.1	398.0	391.6	383.7	371.2	357.5	339.7	318.9	296.1	269.7
180	401.1	397.8	391.6	384.3	371.4	357.4	339.5	318.2	295.9	269.4
185	401.1	397.4	391.9	384.4	371.6	357.2	339.2	317.2	295.7	269.1
190	401.1	397.1	392.3	384.4	371.6	357.1	339.1	316.9	295.4	268.9
195	401.1	397.2	392.7	384.2	371.4	356.9	338.8	317.0	295.2	268.7
200	401.1	397.8	393.1	384.2	371.1	356.7	338.3	317.4	294.8	268.5
205	401.1	398.6	393.2	384.0	370.7	356.6	337.8	317.8	294.6	268.4
210	401.1	399.0	393.1	383.9	370.5	356.3	337.4	317.7	294.3	268.3
215	401.1	399.0	393.0	383.3	370.3	356.3	337.2	317.5	294.0	268.2
220	401.1	399.0	392.9	382.6	370.2	356.1	337.0	317.3	293.7	267.9
225	401.1	398.9	392.9	381.8	369.9	356.0	336.9	317.1	293.3	267.8
230	401.1	398.9	392.8	381.6	369.9	355.8	336.8	317.0	293.1	267.7
235	401.1	398.8	392.8	382.4	369.7	355.4	336.6	316.8	292.7	267.6

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8554WH-16-90-3K

240	401.1	398.3	392.8	383.3	369.7	355.0	336.4	316.6	292.6	267.2
245	401.1	397.5	392.7	383.4	369.7	354.5	335.9	316.5	292.3	266.8
250	401.1	396.8	392.6	383.4	369.9	354.2	335.5	316.3	292.0	266.3
255	401.1	396.7	392.6	383.3	370.1	353.9	335.2	316.1	291.6	265.9
260	401.1	397.3	392.6	383.3	370.1	353.7	335.2	315.7	291.5	266.0
265	401.1	398.2	392.6	382.8	370.1	353.6	335.2	315.1	291.4	266.5
270	401.1	398.7	392.6	381.9	370.2	353.5	335.3	314.5	291.2	267.1
275	401.1	398.7	392.6	381.1	370.5	353.4	335.3	314.3	291.2	267.2
280	401.1	398.7	392.6	381.6	370.6	353.4	335.2	314.8	291.3	267.3
285	401.1	398.7	392.5	382.8	370.6	353.4	335.2	315.4	291.4	267.2
290	401.1	398.6	392.6	383.1	370.7	353.4	335.1	316.1	291.6	267.4
295	401.1	398.7	392.6	383.2	370.7	353.5	335.3	316.2	292.0	267.4
300	401.1	398.7	392.7	383.2	370.7	353.8	335.4	316.3	292.4	267.1
305	401.1	398.7	392.6	383.4	370.8	354.4	335.8	316.5	292.8	266.7
310	401.1	398.7	392.6	383.2	370.9	355.0	336.0	316.5	293.1	266.3
315	401.1	398.7	392.7	382.5	370.9	355.6	336.4	316.7	293.4	266.7
320	401.1	398.8	392.7	381.6	371.0	355.8	336.7	316.7	293.6	267.5
325	401.1	398.7	392.7	381.6	371.1	355.9	337.0	316.4	293.8	268.4
330	401.1	398.8	392.7	382.4	371.2	356.1	337.3	316.0	294.0	268.6
335	401.1	398.8	392.8	383.5	371.4	356.1	337.5	315.7	294.2	268.8
340	401.1	398.8	392.8	383.9	371.4	356.3	337.6	316.0	294.4	269.0
345	401.1	398.8	392.9	383.9	371.5	356.4	337.9	316.8	294.6	269.3
350	401.1	398.4	392.7	384.0	371.7	356.6	338.0	317.6	294.9	269.2
355	401.1	398.0	392.1	384.0	371.8	356.7	338.2	318.2	295.1	268.9
360	401.1	399.5	393.4	382.6	371.9	355.6	339.0	316.9	295.3	270.0

C\G	50	55	60	65	70	75	80	85	90
0	242.7	213.4	181.7	150.3	117.8	85.3	55.8	31.1	14.1
5	242.9	213.7	182.0	150.4	118.0	85.6	56.0	31.2	14.3
10	243.2	213.9	182.3	150.6	118.3	86.0	56.3	31.4	14.3
15	243.4	214.2	182.7	150.9	118.6	86.3	56.5	31.5	14.4
20	243.7	214.2	183.0	151.1	118.8	86.6	56.7	31.7	14.5
25	243.9	213.9	183.3	151.4	119.1	86.9	56.8	31.9	14.6
30	244.0	213.8	183.6	151.6	119.2	87.1	57.0	32.0	14.7
35	244.0	214.4	183.9	151.8	119.4	87.3	57.2	32.2	14.8
40	244.0	215.3	184.3	152.0	119.5	87.5	57.3	32.3	14.8
45	244.0	215.5	184.6	152.2	119.6	87.7	57.4	32.4	15.0
50	244.1	215.7	184.9	152.5	119.8	87.9	57.6	32.5	15.1
55	244.3	215.9	185.1	152.9	120.1	88.0	57.7	32.6	15.1
60	244.4	216.0	185.3	153.2	120.3	88.2	57.9	32.7	15.2
65	244.3	215.7	185.4	153.4	120.5	88.3	58.1	32.8	15.3
70	244.3	215.2	185.6	153.5	120.6	88.3	58.2	32.8	15.3
75	244.2	215.5	185.7	153.6	120.7	88.2	58.3	32.9	15.4
80	244.4	216.0	185.8	153.7	120.7	88.2	58.4	33.0	15.4
85	244.6	216.6	185.8	153.8	120.8	88.2	58.4	33.0	15.5
90	245.0	216.7	185.7	153.8	120.7	88.3	58.4	33.0	15.5
95	245.2	216.7	185.5	153.8	120.6	88.3	58.5	33.0	15.5
100	245.4	216.7	185.2	153.8	120.5	88.4	58.4	33.0	15.5

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8554WH-16-90-3K

105	245.5	216.3	184.9	153.7	120.4	88.5	58.4	33.0	15.5
110	245.7	215.5	184.8	153.7	120.4	88.5	58.3	33.0	15.4
115	245.7	215.5	184.8	153.6	120.4	88.5	58.2	32.9	15.4
120	245.7	216.2	184.9	153.5	120.4	88.4	58.1	32.9	15.3
125	245.5	216.3	184.9	153.4	120.4	88.3	58.0	32.8	15.3
130	245.4	216.2	185.0	153.3	120.4	88.2	57.8	32.7	15.1
135	245.3	216.0	185.0	153.1	120.3	88.1	57.7	32.7	15.1
140	245.1	215.8	185.0	152.9	120.2	87.9	57.4	32.5	15.0
145	244.9	215.0	184.8	152.7	120.0	87.7	57.2	32.4	14.9
150	244.7	214.3	184.6	152.5	119.7	87.4	57.0	32.2	14.9
155	244.5	214.3	184.4	152.2	119.5	87.2	56.8	32.1	14.7
160	244.3	214.7	184.1	151.9	119.3	86.9	56.5	31.9	14.7
165	244.0	214.7	183.9	151.7	119.0	86.6	56.3	31.8	14.6
170	243.8	214.4	183.6	151.4	118.7	86.2	56.1	31.6	14.6
175	243.4	214.2	183.3	151.1	118.4	85.8	55.9	31.4	14.5
180	242.9	213.7	183.0	150.8	118.1	85.4	55.8	31.2	14.4
185	242.3	212.7	182.7	150.5	117.6	85.2	55.6	31.0	14.3
190	241.7	212.1	182.4	150.2	117.0	85.0	55.4	30.8	14.1
195	241.1	212.3	182.1	149.8	116.6	84.8	55.2	30.6	14.0
200	240.8	212.6	181.8	149.5	116.4	84.6	55.0	30.4	13.9
205	241.0	212.4	181.4	149.1	116.3	84.4	54.8	30.3	13.8
210	241.2	212.2	181.1	148.7	116.1	84.2	54.6	30.1	13.7
215	241.3	211.9	180.9	148.4	116.1	83.9	54.3	30.0	13.6
220	241.0	211.6	180.5	148.0	115.8	83.7	54.2	29.8	13.5
225	240.8	211.0	180.0	147.7	115.6	83.4	54.0	29.7	13.4
230	240.6	210.2	179.5	147.2	115.3	83.2	53.8	29.6	13.4
235	240.4	209.8	179.1	146.9	115.1	83.0	53.6	29.5	13.3
240	239.9	210.2	178.8	146.7	114.9	82.8	53.4	29.4	13.2
245	239.3	210.6	178.6	146.7	114.6	82.6	53.3	29.3	13.1
250	238.8	210.5	178.4	146.6	114.2	82.5	53.1	29.2	13.1
255	238.5	210.4	178.4	146.6	113.9	82.4	52.9	29.1	13.1
260	238.6	210.3	178.3	146.6	113.8	82.3	52.8	29.1	13.1
265	238.9	210.2	178.4	146.6	113.7	82.2	52.7	29.0	13.1
270	239.4	210.1	178.4	146.7	113.8	82.2	52.7	29.0	13.1
275	239.6	209.9	178.6	146.8	113.9	82.3	52.6	29.0	13.1
280	239.7	209.6	178.9	146.9	114.2	82.3	52.5	29.0	13.1
285	239.7	209.4	179.2	147.0	114.3	82.3	52.6	29.0	13.1
290	239.8	209.4	179.4	147.2	114.5	82.4	52.7	29.1	13.1
295	239.8	209.4	179.5	147.3	114.7	82.5	52.9	29.2	13.2
300	239.8	209.5	179.6	147.5	114.8	82.7	53.0	29.3	13.2
305	239.6	209.6	179.8	147.6	115.0	82.8	53.2	29.4	13.3
310	239.5	209.8	180.0	147.8	115.2	83.0	53.5	29.5	13.4
315	239.4	210.0	180.2	148.0	115.4	83.2	53.7	29.6	13.4
320	239.5	210.3	180.4	148.2	115.6	83.4	53.9	29.7	13.5
325	239.6	210.6	180.6	148.5	115.8	83.7	54.1	29.9	13.6
330	240.0	210.8	180.9	148.7	115.9	83.9	54.3	30.0	13.7
335	240.6	211.1	181.1	149.0	116.0	84.2	54.5	30.2	13.8
340	241.4	211.3	181.4	149.2	116.1	84.4	54.8	30.3	13.8
345	241.8	211.4	181.7	149.4	116.2	84.7	55.0	30.5	13.9

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8554WH-16-90-3K

350	242.1	211.7	182.0	149.6	116.7	85.0	55.2	30.7	14.0
355	242.4	211.9	182.2	149.7	117.1	85.3	55.5	30.9	14.1
360	242.7	213.4	181.7	150.3	117.8	85.3	55.8	31.1	14.1

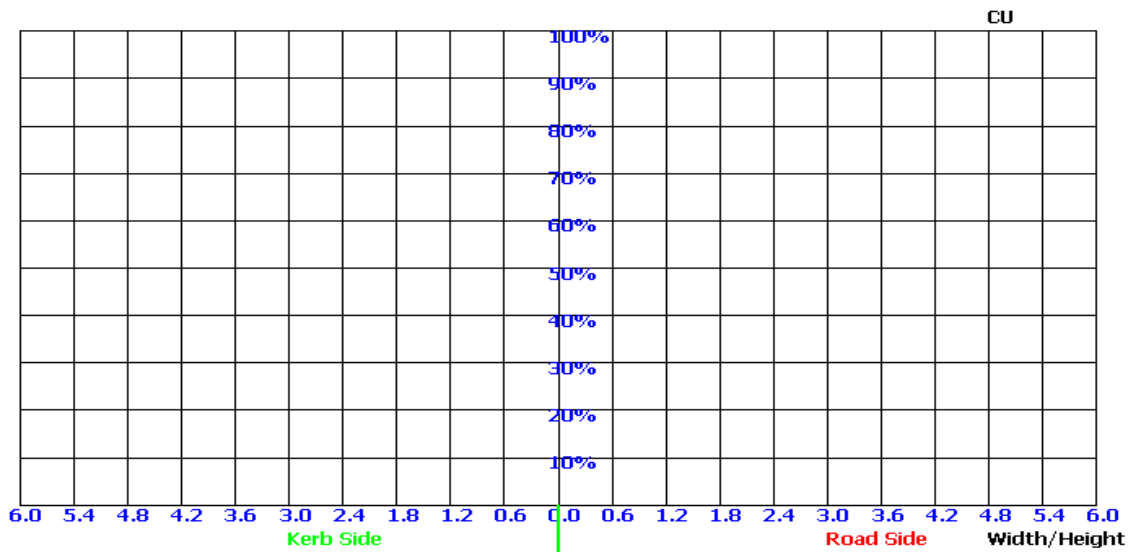
RP Lighting + Fans

Zonal Flux 8554WH-16-90-3K

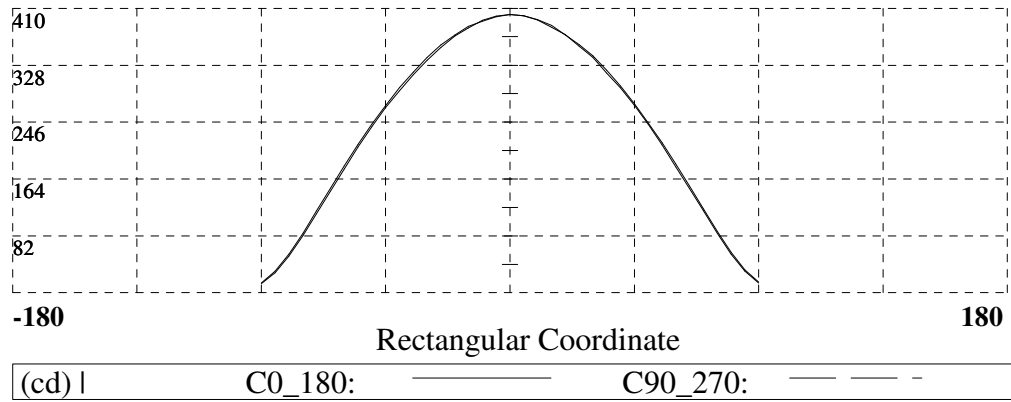
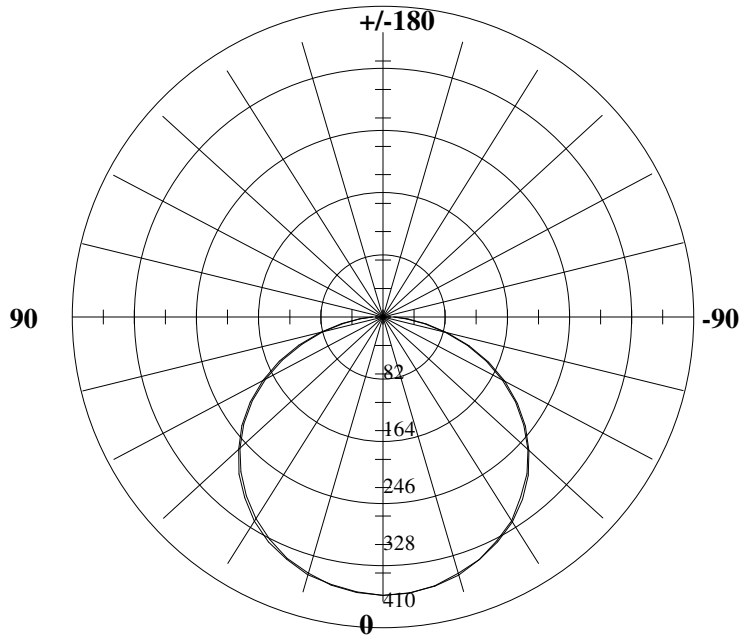
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	401.15	0.00	0.00	0.00	0.00
5	398.61	9.56	9.56	-956.08	-956.08
10	392.91	28.31	37.88	-2831.49	-3787.57
15	383.89	46.08	83.96	-4607.93	-8395.50
20	371.69	62.27	146.23	-6227.09	-14622.59
25	356.51	76.37	222.60	-7637.49	-22260.08
30	338.49	87.95	310.55	-8795.25	-31055.33
35	318.16	96.70	407.25	-9669.65	-40724.99
40	295.14	102.33	509.58	-10232.58	-50957.57
45	269.72	104.59	614.17	-10458.94	-61416.51
50	242.40	103.48	717.65	-10348.18	-71764.69
55	213.03	99.03	816.67	-9902.60	-81667.28
60	182.33	91.39	908.06	-9138.77	-90806.05
65	150.32	80.87	988.93	-8086.94	-98893.01
70	117.60	67.84	1056.77	-6783.90	-105676.89
75	85.51	53.09	1109.86	-5308.84	-110985.69
80	55.68	37.78	1147.63	-3777.67	-114763.35
85	31.09	23.58	1171.21	-2357.57	-117120.94
90	14.24	12.41	1183.62	-1241.02	-118361.94

RP Lighting + Fans

Coefficient Utilization Curve 8554WH-16-90-3K

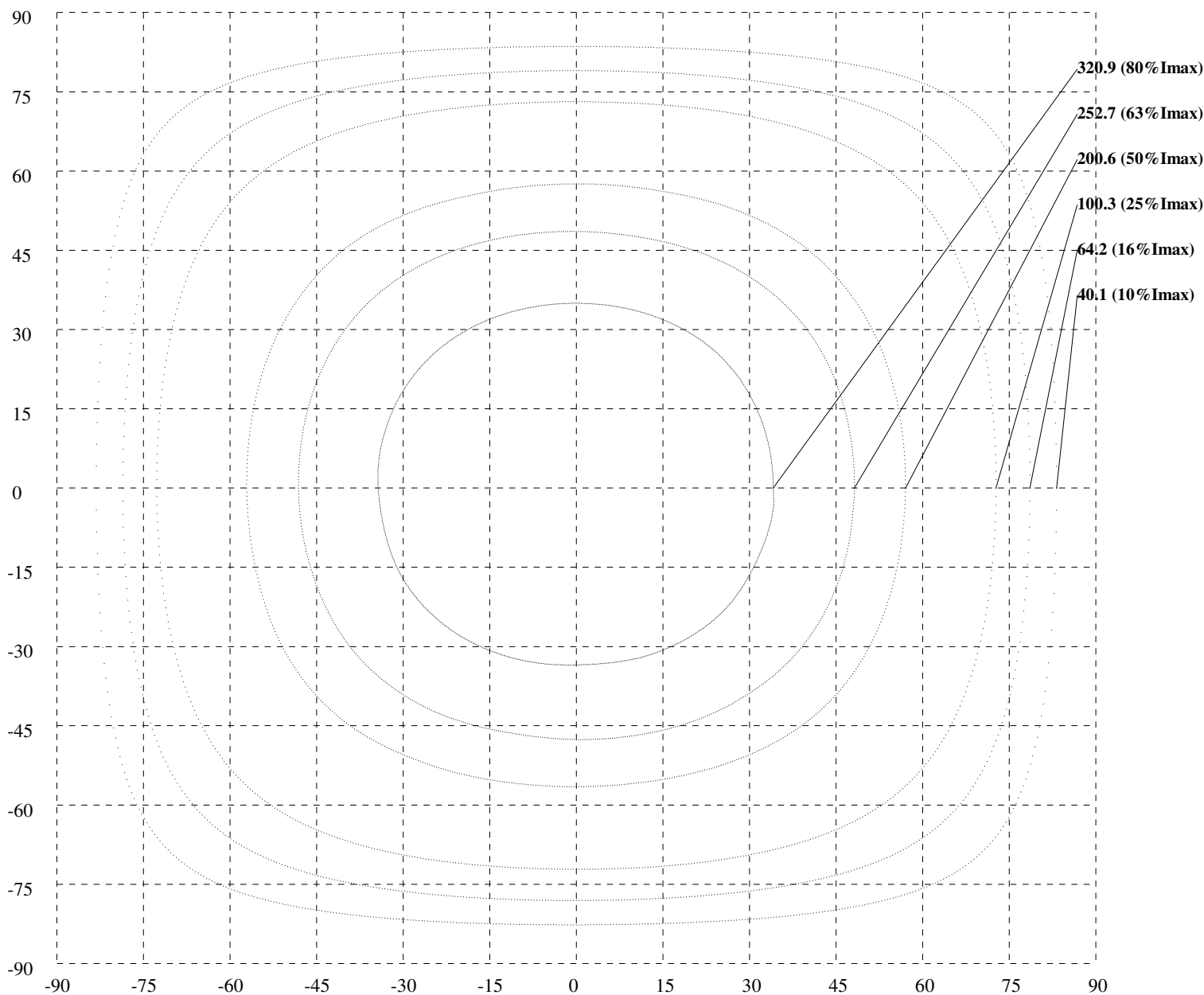


Light Distribution Curve[Unit: cd]



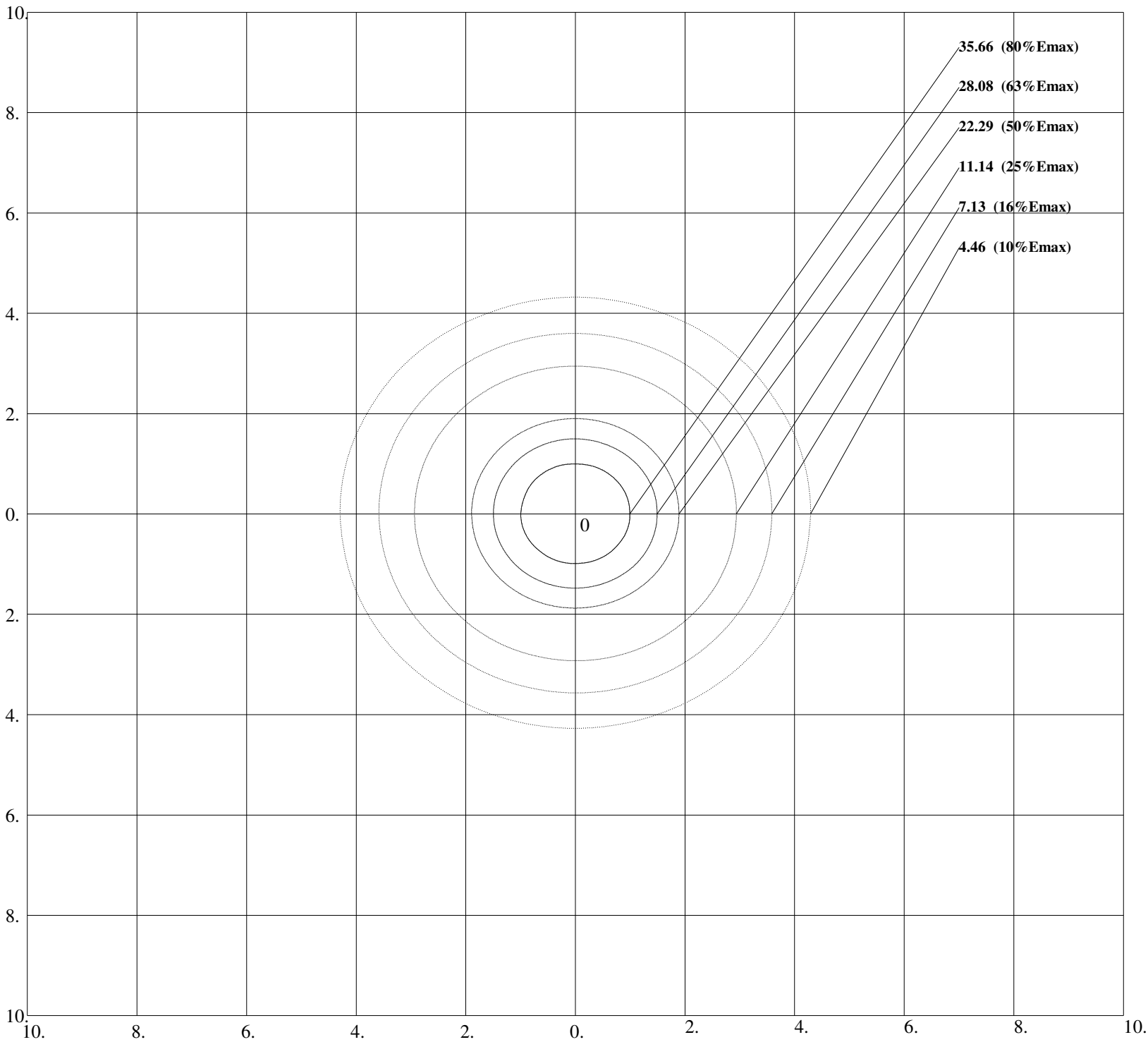
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8554WH-16-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8554WH-16-90-3K



Units: lx
Height: 3 m
Max Illuminance : 44.57lx

RP Lighting + Fans

Lux-Distance Curve

