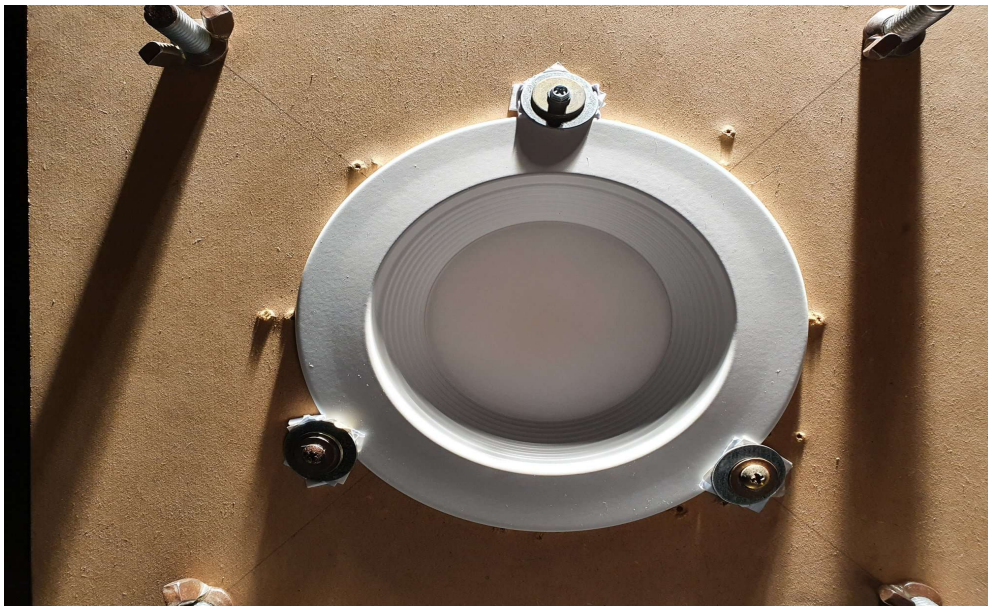


Test Report of Luminaire

Report No.:

Luminaire Type	8545WH-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2932K, CRI: 91.2Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.191
Power:	20.8	Power Factor	0.910
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1449.97 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	692.049cd	Central Intensity	692.049cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.01%		
Downward Flux Ratio	-144996.8%		
50%Imax Beam Width	C0_180[46.9 ,-46.6] C90_270[46.8 ,-46.5]		
Remark			

Luminaire Figure



RP Lighting • Fans

Photometric Data Table [Unit:cd] 8545WH-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	692.0	686.9	672.6	648.9	618.9	580.8	537.7	488.0	431.9	370.5
5	692.0	686.9	672.6	649.2	618.9	581.1	537.7	488.3	432.3	370.5
10	692.0	686.9	673.3	649.2	619.2	581.1	538.4	489.0	432.6	371.2
15	692.0	686.3	672.9	649.6	619.5	581.8	538.7	489.0	432.9	371.2
20	692.0	686.6	672.9	649.6	619.9	581.8	538.7	489.3	433.3	371.2
25	692.0	686.6	672.9	649.6	619.9	582.1	539.1	489.3	433.3	371.5
30	692.0	686.9	672.9	649.9	619.9	582.1	539.4	489.3	433.6	371.5
35	692.0	686.6	673.3	649.9	619.9	582.5	539.4	489.3	433.3	371.5
40	692.0	686.6	672.9	650.2	620.2	582.5	539.4	489.7	433.6	371.8
45	692.0	686.6	673.3	650.2	620.2	582.1	539.4	489.7	433.3	371.5
50	692.0	686.9	673.6	650.2	620.2	582.5	539.1	489.3	433.3	371.5
55	692.0	686.6	673.6	650.6	620.2	582.5	539.1	489.3	432.9	371.2
60	692.0	686.9	673.6	649.9	620.5	582.5	539.1	489.0	432.9	371.2
65	692.0	686.9	673.6	650.2	620.2	582.1	539.1	489.0	432.6	370.8
70	692.0	687.3	673.6	650.2	620.2	582.1	538.7	488.7	432.3	370.8
75	692.0	687.3	673.6	650.2	620.2	582.1	538.7	488.7	431.9	370.5
80	692.0	686.9	673.3	650.2	619.9	581.8	538.4	488.3	431.9	370.5
85	692.0	686.9	672.9	649.9	619.9	581.5	538.4	488.0	431.6	370.2
90	692.0	687.3	672.9	649.9	619.5	581.1	537.7	488.0	431.3	369.8
95	692.0	686.9	672.9	650.2	619.5	581.1	537.7	487.7	430.9	369.5
100	692.0	686.9	672.9	649.6	619.5	580.8	537.4	487.0	430.6	369.2
105	692.0	686.9	672.9	649.2	619.5	580.8	537.4	487.0	430.3	368.8
110	692.0	686.9	672.6	649.2	619.2	580.5	537.1	487.0	429.9	368.5
115	692.0	686.9	672.6	648.9	618.9	580.5	536.7	486.0	429.9	368.5
120	692.0	686.9	672.6	648.9	618.5	580.1	536.7	486.3	429.9	368.2
125	692.0	686.9	672.6	648.9	618.5	580.1	536.4	486.3	429.6	368.2
130	692.0	686.6	672.3	648.9	618.2	579.8	536.4	486.3	429.3	368.2
135	692.0	686.6	672.3	648.6	618.2	579.8	536.4	486.0	429.6	367.8
140	692.0	686.3	671.9	648.2	617.9	579.8	536.4	486.0	428.9	367.5
145	692.0	686.3	671.9	647.9	617.9	579.5	536.1	485.7	428.9	367.2
150	692.0	685.9	671.6	647.9	617.5	579.1	535.7	485.3	428.9	367.2
155	692.0	686.3	671.6	647.6	617.2	579.1	535.7	485.3	428.9	367.2
160	692.0	686.3	671.3	647.2	617.2	578.8	535.4	485.3	428.6	366.8
165	692.0	685.9	671.3	647.2	616.8	578.8	535.4	485.3	428.6	366.8
170	692.0	685.9	670.9	647.2	616.5	578.5	535.1	485.0	428.3	366.8
175	692.0	685.6	671.3	646.9	616.2	578.5	535.1	485.0	427.9	366.5
180	692.0	685.6	670.6	646.9	616.5	578.1	534.7	485.0	427.9	366.5
185	692.0	685.9	670.6	646.6	616.2	578.1	534.7	484.7	427.9	366.8
190	692.0	685.6	670.3	646.6	616.2	577.8	534.7	484.7	427.6	366.5
195	692.0	685.3	670.6	646.6	615.8	577.5	534.1	484.3	427.9	366.5
200	692.0	685.3	670.3	646.2	615.8	577.8	534.1	484.3	427.6	366.5
205	692.0	685.3	670.3	645.9	615.8	577.5	534.4	484.3	427.6	366.2
210	692.0	684.9	670.3	645.9	615.5	577.5	534.1	484.0	427.6	366.2
215	692.0	685.3	670.3	645.9	615.5	577.1	534.1	484.0	427.3	366.2
220	692.0	684.9	669.9	645.9	615.2	577.1	534.1	484.0	427.3	365.8
225	692.0	685.3	669.9	645.6	615.2	577.1	533.7	484.0	427.3	365.8
230	692.0	685.3	669.6	645.6	615.2	577.1	533.7	484.0	427.3	365.8
235	692.0	685.3	669.6	645.6	614.8	576.8	533.7	484.0	427.3	365.5

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8545WH-90-3K

240	692.0	685.3	669.6	645.2	614.8	576.8	533.7	484.0	427.3	365.5
245	692.0	685.3	669.6	645.2	614.8	577.1	533.4	483.7	426.9	365.5
250	692.0	684.9	669.6	646.6	615.2	576.8	533.4	483.7	426.9	365.2
255	692.0	684.9	669.6	646.2	614.8	576.5	533.1	483.3	426.6	365.2
260	692.0	685.3	669.9	646.2	615.2	576.8	533.4	483.0	426.6	365.2
265	692.0	684.9	669.9	646.6	614.8	576.5	533.1	483.3	426.6	365.2
270	692.0	685.3	669.9	646.6	615.2	576.5	533.4	483.3	426.6	365.2
275	692.0	684.9	669.9	646.6	615.2	576.5	533.4	483.3	426.6	364.8
280	692.0	685.3	669.9	646.6	615.5	576.5	533.4	483.3	426.6	364.8
285	692.0	685.3	669.9	646.6	614.8	577.1	533.4	483.3	426.6	364.8
290	692.0	685.3	670.3	646.9	615.2	577.1	533.4	483.3	426.6	364.8
295	692.0	685.3	669.9	647.2	615.5	576.8	533.4	483.7	426.6	365.2
300	692.0	685.3	670.3	646.9	615.2	577.1	533.7	483.3	426.9	365.2
305	692.0	685.3	670.3	647.2	615.5	577.5	534.1	483.3	427.3	365.8
310	692.0	685.3	670.6	647.2	616.2	577.5	534.1	484.0	427.3	365.8
315	692.0	685.3	670.6	647.6	615.8	577.5	534.4	484.0	427.6	366.2
320	692.0	685.6	670.9	647.9	615.5	578.1	534.7	484.3	427.9	366.5
325	692.0	685.6	670.9	648.2	616.2	578.8	535.1	485.0	428.3	367.2
330	692.0	685.6	671.3	648.2	616.5	578.8	535.4	485.3	428.9	367.5
335	692.0	685.9	671.3	648.6	616.5	579.1	535.7	485.7	429.3	367.8
340	692.0	685.9	671.3	648.9	616.8	579.5	536.1	486.0	429.6	368.5
345	692.0	685.9	671.6	648.9	617.2	579.8	536.7	486.7	430.3	369.2
350	692.0	685.9	671.6	649.6	617.5	580.1	537.4	487.3	430.9	369.5
355	692.0	685.9	672.3	649.6	617.5	580.5	537.4	487.7	431.3	369.8
360	692.0	686.9	672.6	648.9	618.9	580.8	537.7	488.0	431.9	370.5

C\G	50	55	60	65	70	75	80	85	90
0	304.8	235.7	161.0	97.2	54.4	29.0	16.4	6.9	0.6
5	305.1	235.7	161.1	97.3	54.4	29.1	16.4	6.9	0.6
10	305.4	236.0	161.3	97.3	54.5	29.1	16.4	7.0	0.6
15	305.4	236.3	161.4	97.4	54.5	29.2	16.4	7.0	0.6
20	305.8	236.3	161.6	97.4	54.5	29.2	16.5	7.0	0.6
25	305.8	236.7	161.6	97.5	54.5	29.3	16.4	6.9	0.6
30	305.8	236.7	161.7	97.6	54.5	29.3	16.0	6.6	0.6
35	306.1	236.7	161.8	97.6	54.6	29.4	15.9	6.3	0.6
40	306.1	236.7	161.8	97.6	54.6	29.4	15.8	6.1	0.6
45	306.1	237.0	161.8	97.6	54.6	29.5	15.8	6.0	0.6
50	305.8	237.0	161.7	97.6	54.6	29.5	15.8	6.1	0.6
55	305.8	236.7	161.8	97.6	54.6	29.5	15.9	6.3	0.6
60	305.8	237.0	161.8	97.6	54.6	29.5	16.1	6.5	0.6
65	305.8	236.7	161.8	97.6	54.6	29.5	16.5	6.9	0.6
70	305.4	236.7	161.8	97.6	54.6	29.6	16.7	7.2	0.6
75	305.4	236.7	161.8	97.5	54.6	29.6	16.7	7.2	0.6
80	305.1	236.3	161.8	97.5	54.5	29.6	16.7	7.2	0.6
85	305.1	236.3	161.7	97.5	54.5	29.6	16.7	7.2	0.6
90	304.8	236.0	161.7	97.5	54.5	29.6	16.7	7.2	0.6
95	304.4	236.0	161.5	97.4	54.5	29.6	16.8	7.2	0.6
100	304.1	236.0	161.4	97.3	54.5	29.6	16.8	7.2	0.6

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8545WH-90-3K

105	303.8	235.7	161.3	97.2	54.5	29.6	16.8	7.2	0.6
110	303.8	235.3	161.1	97.0	54.5	29.6	16.7	7.2	0.6
115	303.4	235.0	160.9	96.9	54.4	29.6	16.7	7.1	0.6
120	303.4	235.0	160.7	96.7	54.3	29.5	16.4	6.8	0.6
125	303.1	234.7	160.5	96.5	54.2	29.5	16.2	6.6	0.6
130	303.1	234.3	160.3	96.2	54.1	29.5	16.1	6.5	0.6
135	302.8	234.3	160.0	96.1	53.9	29.4	16.1	6.4	0.6
140	302.8	234.0	159.8	95.9	53.7	29.4	16.0	6.4	0.6
145	302.8	234.0	159.7	95.6	53.6	29.3	16.1	6.5	0.6
150	302.4	234.0	159.5	95.5	53.4	29.2	16.3	6.7	0.6
155	302.1	234.0	159.4	95.3	53.2	29.1	16.4	7.0	0.6
160	302.1	233.7	159.2	95.1	53.0	29.0	16.5	7.1	0.6
165	302.1	233.7	159.1	95.0	52.8	28.9	16.5	7.1	0.6
170	302.1	233.3	159.0	94.9	52.6	28.8	16.4	7.0	0.6
175	301.7	233.3	158.8	94.7	52.4	28.6	16.4	7.0	0.7
180	301.7	233.0	158.8	94.6	52.3	28.5	16.3	6.9	0.6
185	301.7	233.3	158.6	94.5	52.2	28.4	16.3	6.9	0.6
190	301.4	233.3	158.6	94.5	52.1	28.3	16.2	6.9	0.6
195	301.4	232.7	158.5	94.4	52.0	28.2	16.2	6.8	0.6
200	301.4	233.0	158.4	94.3	51.9	28.1	16.2	6.8	0.6
205	301.1	233.0	158.3	94.2	51.8	28.1	16.0	6.6	0.6
210	301.1	232.7	158.1	94.1	51.8	28.0	15.6	6.3	0.6
215	301.1	232.7	158.1	94.0	51.7	28.0	15.4	6.1	0.6
220	301.1	232.3	157.9	93.9	51.7	28.0	15.3	5.9	0.6
225	300.7	232.3	157.9	93.9	51.8	28.0	15.2	5.9	0.6
230	300.7	232.3	157.8	93.8	51.8	28.0	15.2	5.8	0.6
235	300.7	232.0	157.7	93.8	51.9	28.0	15.3	5.9	0.6
240	300.7	232.0	157.7	93.8	52.0	27.9	15.4	6.0	0.6
245	300.4	232.0	157.6	93.8	52.1	27.9	15.7	6.3	0.6
250	300.4	232.0	157.6	93.9	52.2	28.0	15.8	6.5	0.6
255	300.4	232.0	157.6	94.0	52.3	27.9	15.8	6.4	0.6
260	300.4	232.0	157.6	94.1	52.4	27.9	15.8	6.4	0.6
265	300.4	232.0	157.7	94.2	52.5	27.9	15.8	6.4	0.6
270	300.1	232.0	157.8	94.4	52.6	28.0	15.8	6.4	0.6
275	300.1	232.0	157.9	94.6	52.7	28.0	15.8	6.4	0.6
280	300.1	232.0	158.1	94.7	52.8	28.0	15.8	6.4	0.6
285	300.4	232.3	158.2	94.9	52.9	28.0	15.8	6.5	0.6
290	300.4	232.3	158.4	95.1	53.0	28.1	15.8	6.5	0.6
295	300.7	232.7	158.5	95.2	53.1	28.1	15.7	6.3	0.6
300	300.7	232.7	158.7	95.4	53.2	28.2	15.4	5.9	0.6
305	301.1	233.0	158.9	95.5	53.3	28.3	15.2	5.6	0.6
310	301.1	233.3	159.0	95.7	53.4	28.3	15.1	5.4	0.6
315	301.4	233.3	159.2	95.8	53.5	28.4	15.2	5.3	0.6
320	301.7	233.7	159.5	96.0	53.6	28.5	15.2	5.4	0.6
325	302.4	233.7	159.7	96.2	53.7	28.5	15.3	5.7	0.6
330	302.4	234.0	159.8	96.3	53.8	28.6	15.6	6.0	0.6
335	302.8	234.3	160.0	96.5	54.0	28.7	16.0	6.4	0.6
340	303.4	234.7	160.2	96.6	54.1	28.7	16.2	6.7	0.6
345	303.8	235.0	160.4	96.8	54.2	28.8	16.2	6.8	0.6

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8545WH-90-3K

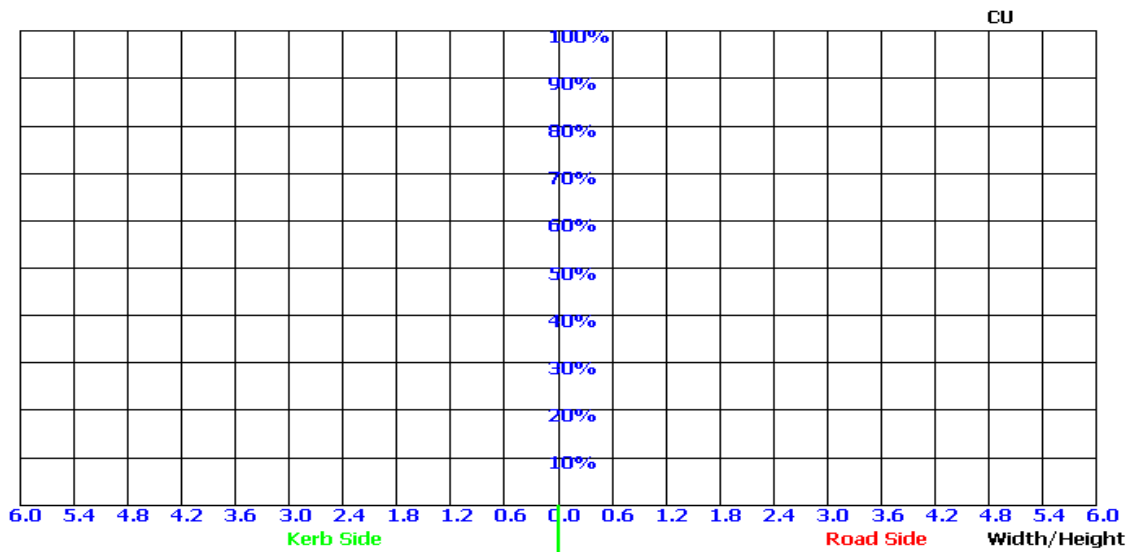
350	304.1	235.0	160.6	96.9	54.2	28.9	16.3	6.8	0.6
355	304.4	235.7	160.8	97.0	54.3	28.9	16.3	6.9	0.6
360	304.8	235.7	161.0	97.2	54.4	29.0	16.4	6.9	0.6

RP Lighting • Fans

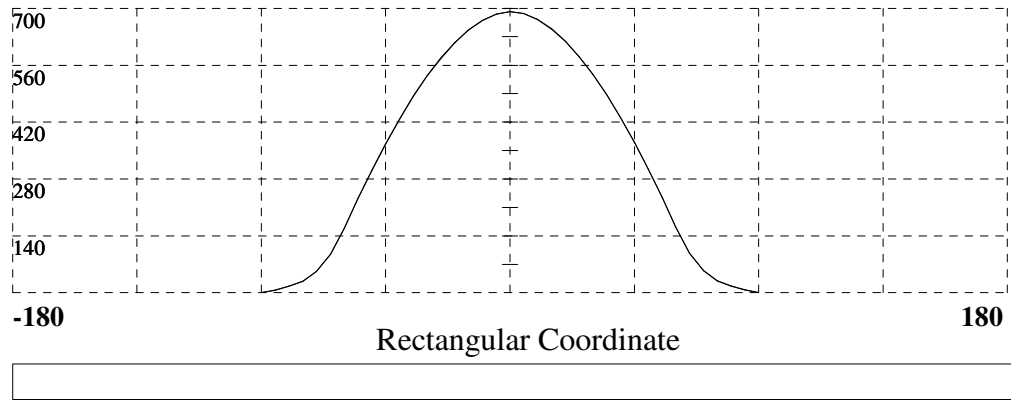
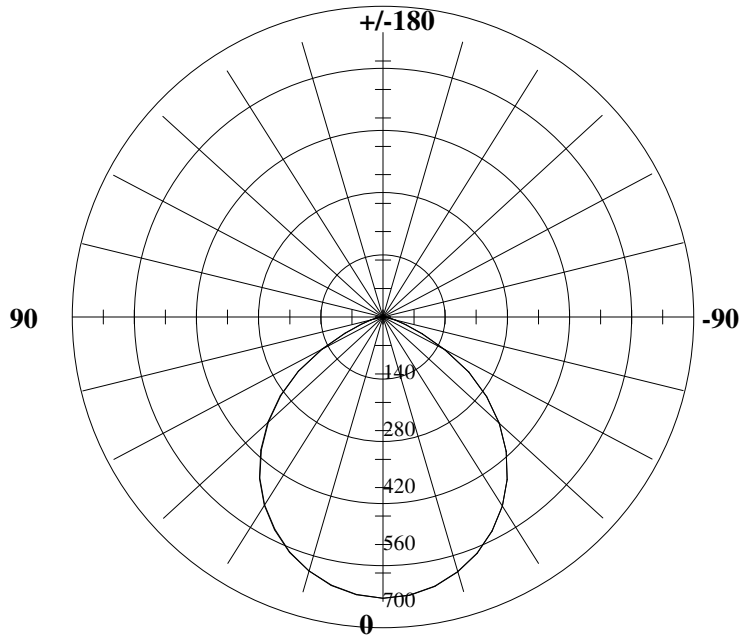
Zonal Flux 8545WH-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	692.05	0.00	0.00	0.00	0.00
5	686.03	16.47	16.47	-1647.46	-1647.46
10	671.51	48.56	65.04	-4856.35	-6503.81
15	648.03	78.27	143.31	-7827.42	-14331.22
20	617.35	104.29	247.60	-10428.56	-24759.78
25	579.26	125.50	373.10	-12550.24	-37310.00
30	535.96	141.13	514.23	-14113.15	-51423.14
35	485.94	150.48	664.71	-15048.16	-66471.32
40	429.39	152.72	817.43	-15271.51	-81742.84
45	367.87	147.62	965.05	-14761.92	-96504.77
50	302.82	135.52	1100.57	-13552.31	-110057.08
55	234.23	116.77	1217.34	-11677.35	-121734.41
60	159.76	91.07	1308.41	-9106.96	-130841.36
65	95.88	62.14	1370.56	-6214.44	-137055.80
70	53.46	37.81	1408.37	-3781.37	-140837.18
75	28.80	21.50	1429.87	-2150.19	-142987.39
80	16.03	12.00	1441.87	-1199.57	-144186.91
85	6.56	6.14	1448.01	-613.88	-144800.79
90	0.60	1.96	1449.97	-196.00	-144996.75

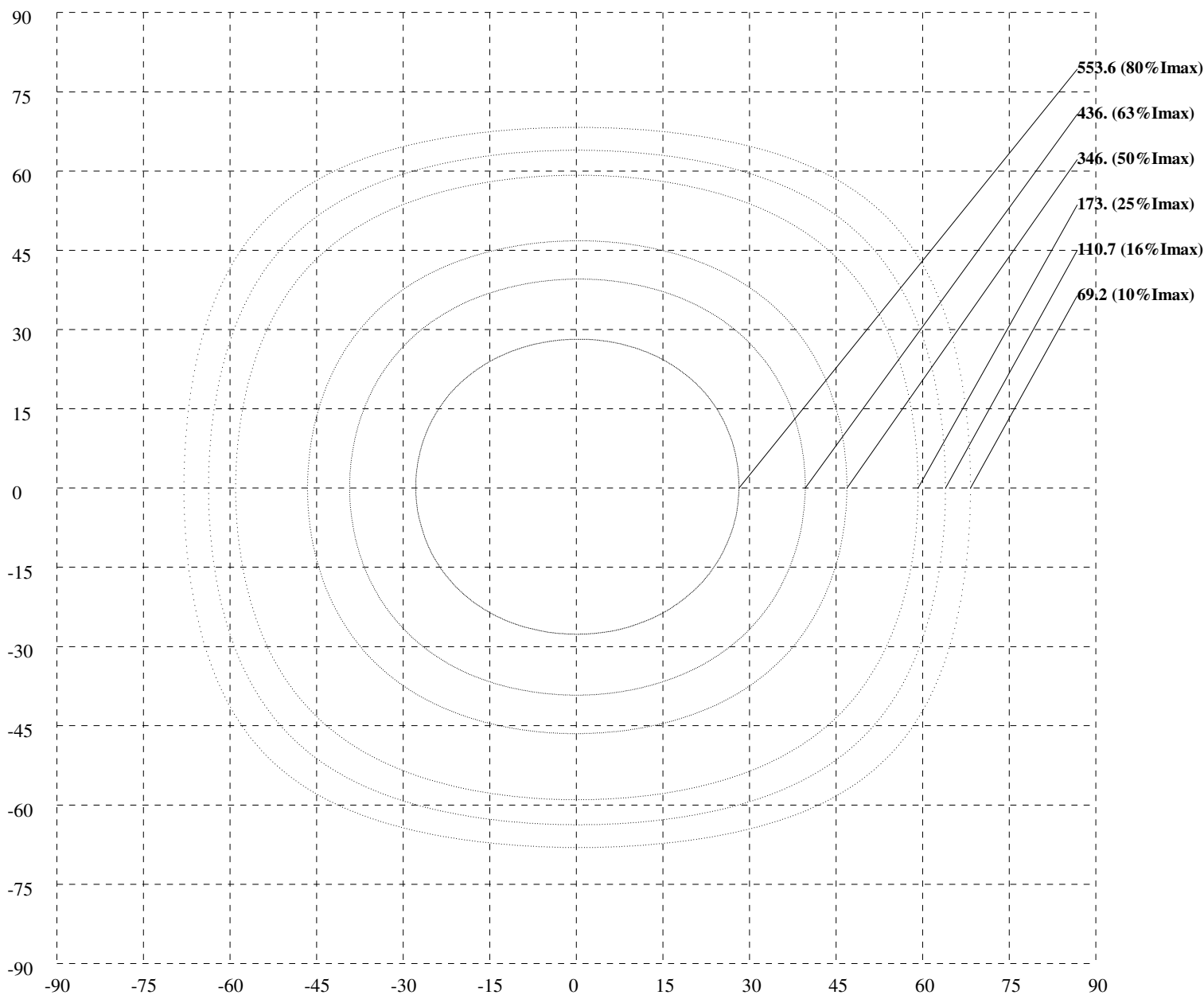
RP Lighting • Fans
Coefficient Utilization Curve 8545WH-90-3K



Light Distribution Curve[Unit: cd]

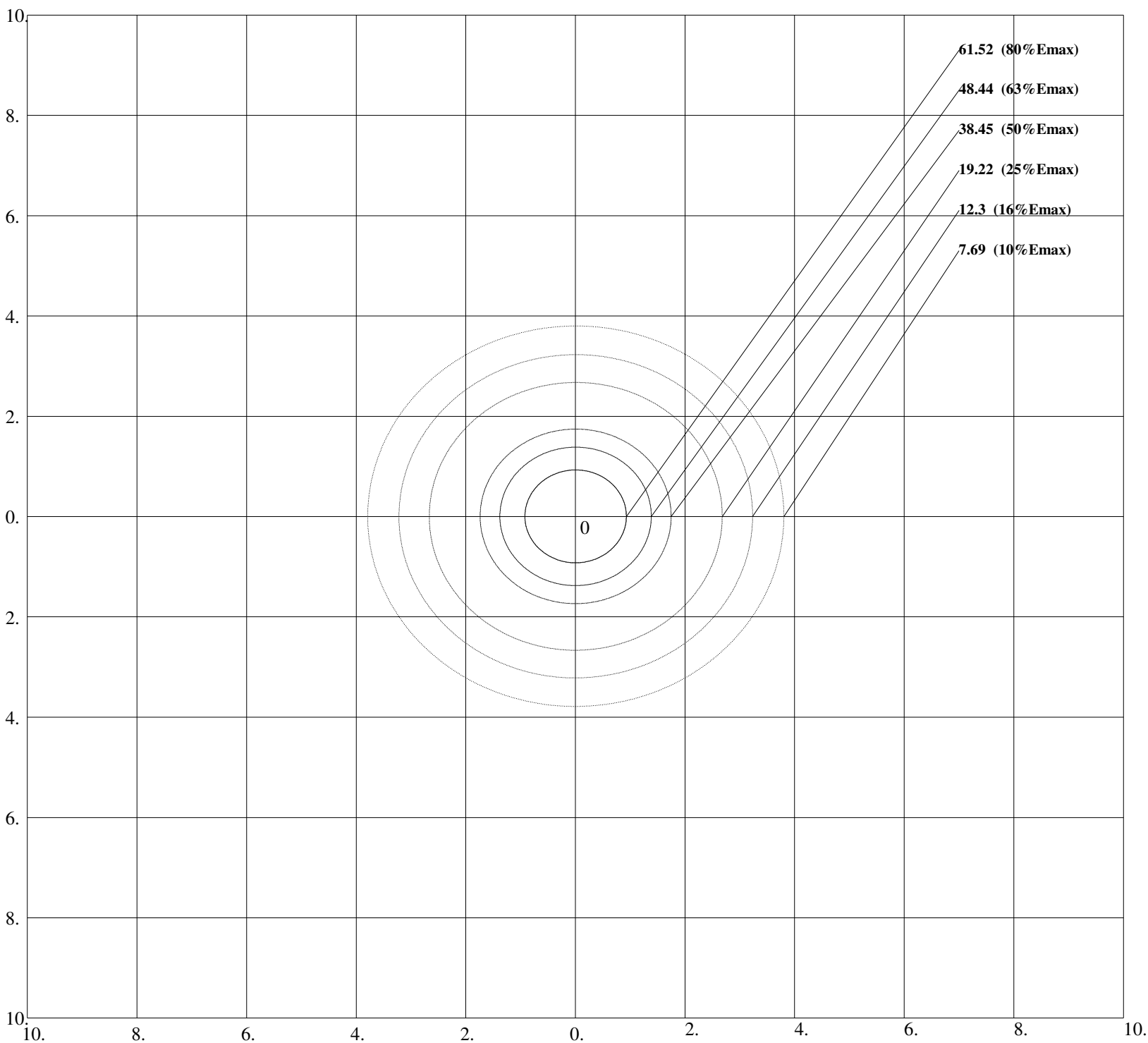


ISO-Candela V-H [Unit :cd] 8545WH-90-3K



RP Lighting • Fans

Iso-Lux [Unit :lx] 8545WH-90-3K



Units: lx
Height: 3 m
Max Illuminance : 76.89lx

RP Lighting • Fans
Lux-Distance Curve

