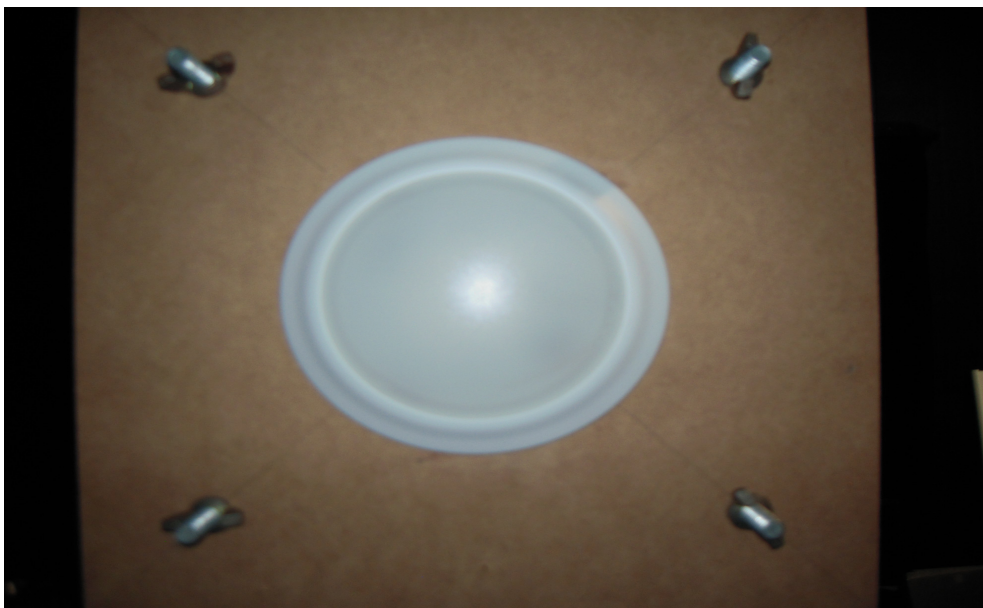


Test Report of Luminaire

Report No.:

Luminaire Type	8556-80		
Lamp Type	LED_IS Module		
Client		EUT NO.	CCT: 2992K
Luminaire Parameters:			
Voltage	120.1	Current	0.133
Power:	15.7	Power Factor	0.981
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	972.29 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	342.612cd	Central Intensity	342.612cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-97228.53%		
50%Imax Beam Width	C0_180[55.6 , -53.1] C90_270[54.7 , -54.2]		
Remark			

Luminaire Figure



RP Lighting • Fans

Photometric Data Table [Unit:cd] 8556-80

C\G	0	5	10	15	20	25	30	35	40	45
0	342.6	340.6	334.3	325.9	313.6	299.0	281.8	262.5	242.1	220.6
5	342.6	341.0	334.0	325.4	313.6	298.8	281.8	262.9	242.5	220.6
10	342.6	340.7	334.5	325.7	313.8	299.3	281.8	263.0	242.3	220.8
15	342.6	340.6	333.9	325.5	313.4	298.7	282.1	262.5	242.5	220.5
20	342.6	340.9	334.2	325.6	313.8	299.0	281.8	262.6	242.4	220.8
25	342.6	340.8	334.1	325.8	313.3	298.7	282.1	262.7	242.1	220.6
30	342.6	340.5	334.1	325.7	313.9	298.7	281.6	262.4	242.2	220.4
35	342.6	340.8	334.2	325.2	313.5	298.7	281.7	262.5	241.8	220.3
40	342.6	340.8	333.9	325.4	313.4	298.3	281.2	262.6	242.0	220.3
45	342.6	340.3	334.1	325.3	313.4	298.6	281.3	262.4	241.6	219.8
50	342.6	340.7	333.6	325.0	312.9	298.0	280.9	262.5	241.5	219.9
55	342.6	340.4	334.0	325.0	313.2	298.2	281.2	262.1	241.2	219.3
60	342.6	340.2	333.6	324.3	312.5	297.7	280.6	261.6	241.2	219.3
65	342.6	340.5	333.7	324.8	312.8	297.6	280.5	261.6	240.5	218.8
70	342.6	340.0	333.3	324.3	312.3	297.3	280.1	261.3	240.3	218.4
75	342.6	340.0	333.5	324.0	312.1	296.8	279.8	260.7	239.8	218.2
80	342.6	340.1	332.9	324.0	311.9	296.8	279.8	260.4	239.4	217.5
85	342.6	339.6	333.0	323.4	311.3	296.1	278.8	260.2	239.1	217.4
90	342.6	339.7	332.9	323.6	311.5	296.1	278.9	259.3	238.7	216.6
95	342.6	339.3	332.4	322.8	310.7	295.5	278.2	259.2	238.2	216.3
100	342.6	339.8	332.8	323.0	310.7	295.3	277.9	258.6	237.8	215.7
105	342.6	339.4	332.2	322.6	310.2	294.8	277.5	258.4	237.5	215.1
110	342.6	339.6	332.2	322.1	310.0	294.8	277.1	257.9	236.6	214.9
115	342.6	339.6	331.8	322.3	309.9	294.0	276.8	257.4	236.3	214.1
120	342.6	339.0	331.7	321.6	309.6	294.0	276.0	257.2	235.7	213.9
125	342.6	339.2	331.8	321.9	308.9	293.5	276.0	256.3	235.3	213.2
130	342.6	339.0	331.1	321.4	309.0	293.1	275.3	255.9	235.0	212.9
135	342.6	338.8	331.3	321.5	308.5	292.9	275.2	255.9	234.2	212.3
140	342.6	338.9	330.8	321.2	308.2	292.4	274.8	255.4	234.1	211.8
145	342.6	337.7	330.9	320.8	308.2	292.5	274.2	254.8	233.5	211.7
150	342.6	338.6	330.7	320.8	307.6	291.8	274.2	254.9	233.2	211.1
155	342.6	338.3	330.6	320.3	307.7	292.0	273.5	254.1	232.9	210.7
160	342.6	338.3	330.7	320.2	307.3	291.4	273.6	254.0	232.3	210.6
165	342.6	338.2	330.1	320.2	307.1	291.2	273.4	253.9	232.5	210.2
170	342.6	337.3	330.6	320.1	307.3	291.1	273.3	253.3	232.1	209.9
175	342.6	337.6	330.0	319.7	306.7	290.8	273.0	253.4	232.1	210.0
180	342.6	337.6	330.3	320.1	306.9	291.1	272.7	253.0	231.7	209.5
185	342.6	337.6	330.0	319.6	306.7	290.5	272.5	253.1	231.7	209.7
190	342.6	337.6	329.9	320.0	306.5	290.8	272.6	253.0	231.5	209.4
195	342.6	337.6	329.8	319.5	306.9	290.6	272.7	252.8	231.8	209.5
200	342.6	337.7	330.3	319.7	306.4	290.6	272.5	253.1	231.5	209.6
205	342.6	337.9	329.9	319.7	306.8	290.7	272.5	253.1	231.8	209.5
210	342.6	337.0	330.3	319.5	306.6	290.6	272.5	253.0	231.6	209.8
215	342.6	337.1	330.2	320.0	306.6	291.0	272.5	253.3	231.7	209.7
220	342.6	336.8	330.1	319.7	306.9	290.8	272.8	253.4	232.3	210.1
225	342.6	337.2	330.5	320.2	306.6	291.3	272.9	253.4	232.1	210.2
230	342.6	337.3	330.0	320.0	307.1	291.4	273.2	254.0	232.6	210.7
235	342.6	337.7	330.5	320.4	307.0	291.8	273.7	254.2	232.7	210.9

RP Lighting • Fans

Photometric Data Table

[Unit:cd] 8556-80

240	342.6	337.6	330.1	320.6	307.4	291.6	273.9	254.3	233.2	211.2
245	342.6	337.4	330.4	320.5	307.7	292.2	274.1	255.0	233.5	211.8
250	342.6	338.0	330.7	321.2	307.5	292.2	274.6	255.1	234.2	212.0
255	342.6	337.6	330.7	320.8	308.0	292.6	274.6	255.4	234.9	212.8
260	342.6	338.0	331.1	321.4	308.2	292.7	275.5	256.2	235.1	213.0
265	342.6	337.9	330.8	321.3	308.9	293.2	275.4	256.6	235.9	213.7
270	342.6	338.0	331.4	321.6	308.8	293.7	276.2	256.8	236.4	214.2
275	342.6	338.2	331.2	322.1	309.5	293.8	276.5	257.5	236.8	214.7
280	342.6	338.0	331.7	321.9	309.4	294.5	277.0	257.7	237.5	215.2
285	342.6	338.5	331.7	322.2	310.0	294.5	277.5	258.5	237.6	216.0
290	342.6	338.1	331.8	322.8	310.0	295.1	277.7	259.0	238.4	216.3
295	342.6	338.5	332.3	322.7	310.6	295.3	278.6	259.2	239.1	216.9
300	342.6	338.5	331.9	323.0	311.2	295.7	278.6	259.9	239.3	217.5
305	342.6	338.4	332.5	323.5	311.1	296.4	279.2	260.0	239.8	217.8
310	342.6	338.9	332.5	323.2	311.7	296.3	279.5	260.5	240.3	218.5
315	342.6	338.5	332.6	323.9	311.5	296.9	279.8	260.9	240.4	218.5
320	342.6	339.0	333.2	323.6	312.1	296.8	280.3	261.0	241.1	219.3
325	342.6	338.6	333.0	324.1	312.3	297.4	280.3	261.7	241.5	219.4
330	342.6	338.9	332.9	324.3	312.4	297.6	280.9	261.6	241.7	219.8
335	342.6	339.0	333.0	324.2	312.8	297.7	280.8	262.1	241.9	220.1
340	342.6	338.7	333.5	324.9	312.5	298.1	281.1	262.2	242.3	220.1
345	342.6	339.2	333.2	324.5	313.1	297.8	281.1	262.5	242.2	220.6
350	342.6	338.6	333.5	324.9	312.7	298.2	281.5	262.4	242.7	220.4
355	342.6	339.1	333.6	325.0	313.2	297.8	281.2	262.7	242.4	220.8
360	342.6	340.6	334.3	325.9	313.6	299.0	281.8	262.5	242.1	220.6

C\G	50	55	60	65	70	75	80	85	90
0	197.9	174.3	150.0	125.9	102.1	79.0	57.7	39.0	24.0
5	197.7	174.1	150.3	126.0	102.2	79.1	57.7	39.0	24.0
10	198.0	174.3	150.1	126.0	102.1	79.0	57.7	39.0	24.0
15	197.6	174.0	150.2	126.0	102.1	79.0	57.6	38.9	23.9
20	197.8	174.2	150.0	125.9	102.1	78.8	57.5	38.8	23.8
25	197.6	174.0	150.0	125.7	101.8	78.8	57.3	38.5	23.5
30	197.5	173.9	149.9	125.8	101.8	78.6	57.3	38.1	22.9
35	197.5	173.8	149.8	125.3	101.4	78.4	57.0	37.7	21.9
40	197.1	173.4	149.4	125.3	101.3	78.2	56.8	37.3	20.5
45	197.2	173.4	149.3	124.9	101.1	78.0	56.6	37.0	19.8
50	196.7	172.9	148.9	124.7	100.7	77.6	56.3	36.8	19.7
55	196.6	172.8	148.6	124.4	100.4	77.3	56.1	36.7	20.5
60	196.3	172.4	148.4	123.8	99.9	76.9	55.7	36.6	21.5
65	195.8	172.0	147.8	123.6	99.6	76.5	55.4	36.7	22.1
70	195.5	171.7	147.6	123.0	99.1	76.2	55.0	36.9	22.2
75	194.8	171.1	146.9	122.7	98.7	75.7	54.7	36.5	22.1
80	194.5	170.9	146.5	122.0	98.2	75.3	54.3	36.1	21.9
85	193.9	170.2	146.0	121.5	97.6	74.7	53.8	35.8	21.6
90	193.6	169.7	145.4	121.0	97.2	74.3	53.4	35.4	21.3
95	193.0	169.0	145.0	120.4	96.5	73.7	52.9	35.1	21.0
100	192.3	168.7	144.2	120.0	96.1	73.2	52.5	34.6	20.7

RP Lighting • Fans

Photometric Data Table

[Unit:cd] 8556-80

105	192.0	167.9	143.8	119.3	95.5	72.8	52.0	34.2	20.4
110	191.1	167.6	143.1	118.9	95.0	72.2	51.5	33.8	20.1
115	190.6	166.9	142.6	118.2	94.4	71.8	51.1	33.3	19.6
120	190.0	166.4	142.0	117.8	94.0	71.2	50.5	32.8	19.0
125	189.5	165.9	141.5	117.0	93.3	70.7	50.2	32.4	18.0
130	188.9	165.2	141.1	116.7	92.9	70.2	49.7	31.9	16.8
135	188.6	165.0	140.4	116.0	92.3	69.7	49.2	31.5	16.0
140	188.0	164.3	140.1	115.7	91.9	69.3	48.8	31.2	15.9
145	187.6	164.0	139.5	115.2	91.5	68.9	48.5	30.9	16.6
150	187.4	163.5	139.3	114.8	91.0	68.6	48.1	30.7	17.2
155	186.9	163.2	138.9	114.5	90.8	68.1	47.9	30.6	17.6
160	186.8	163.0	138.6	114.1	90.3	67.9	47.6	30.7	17.8
165	186.5	162.5	138.2	114.0	90.2	67.7	47.4	30.5	17.7
170	186.3	162.5	138.1	113.6	89.9	67.4	47.2	30.3	17.7
175	186.1	162.1	137.8	113.5	89.7	67.3	47.0	30.2	17.5
180	186.0	162.2	137.7	113.3	89.6	67.2	47.0	30.1	17.5
185	186.0	161.9	137.6	113.2	89.5	67.1	46.8	30.1	17.4
190	185.8	161.9	137.5	113.3	89.6	67.0	46.9	30.0	17.4
195	186.0	162.0	137.7	113.1	89.5	67.2	46.9	30.1	17.4
200	185.8	161.8	137.6	113.3	89.6	67.1	47.0	30.1	17.5
205	186.0	162.1	137.8	113.4	89.7	67.4	47.1	29.9	17.2
210	186.0	162.1	137.9	113.6	89.9	67.5	47.2	29.7	16.9
215	186.2	162.4	138.1	113.7	90.2	67.7	47.5	29.7	16.2
220	186.5	162.6	138.3	114.0	90.4	68.1	47.7	29.8	15.5
225	186.6	162.9	138.5	114.4	90.8	68.3	48.0	30.0	15.4
230	187.2	163.1	139.1	114.6	91.2	68.7	48.3	30.4	16.0
235	187.3	163.7	139.3	115.0	91.6	69.1	48.7	30.9	17.1
240	187.7	163.9	139.9	115.2	92.0	69.5	49.1	31.4	18.0
245	188.1	164.5	140.2	115.8	92.5	70.0	49.5	31.9	18.7
250	188.8	164.9	140.8	116.2	92.9	70.4	50.0	32.6	19.2
255	189.1	165.4	141.3	116.9	93.6	71.1	50.4	33.0	19.5
260	189.9	166.1	141.7	117.3	94.0	71.5	51.0	33.5	19.8
265	190.4	166.5	142.5	118.0	94.7	72.1	51.5	33.8	20.2
270	190.9	167.3	142.8	118.5	95.2	72.7	52.1	34.3	20.5
275	191.7	167.5	143.6	119.3	95.8	73.2	52.5	34.7	20.8
280	191.9	168.3	144.0	120.0	96.4	73.8	53.1	35.2	21.1
285	192.8	168.9	144.7	120.4	96.9	74.3	53.5	35.6	21.4
290	193.1	169.4	145.2	121.3	97.6	74.9	54.1	36.0	21.7
295	193.8	170.2	146.0	121.7	98.0	75.3	54.5	36.1	21.8
300	194.2	170.4	146.3	122.4	98.6	75.9	54.9	36.3	21.5
305	194.7	171.1	147.1	122.8	99.1	76.3	55.4	36.6	20.8
310	195.3	171.5	147.4	123.2	99.6	76.9	55.7	36.9	19.9
315	195.5	171.9	148.0	123.7	100.1	77.1	56.2	37.1	19.7
320	196.2	172.5	148.4	124.0	100.4	77.6	56.4	37.5	20.3
325	196.3	172.7	148.6	124.7	100.9	77.9	56.8	37.8	21.6
330	196.6	173.2	149.1	124.7	101.1	78.2	57.0	38.1	22.8
335	197.1	173.2	149.2	125.1	101.4	78.5	57.2	38.4	23.5
340	197.1	173.6	149.6	125.3	101.6	78.6	57.4	38.8	23.8
345	197.5	173.7	149.7	125.6	101.7	78.8	57.5	38.9	23.9

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8556-80

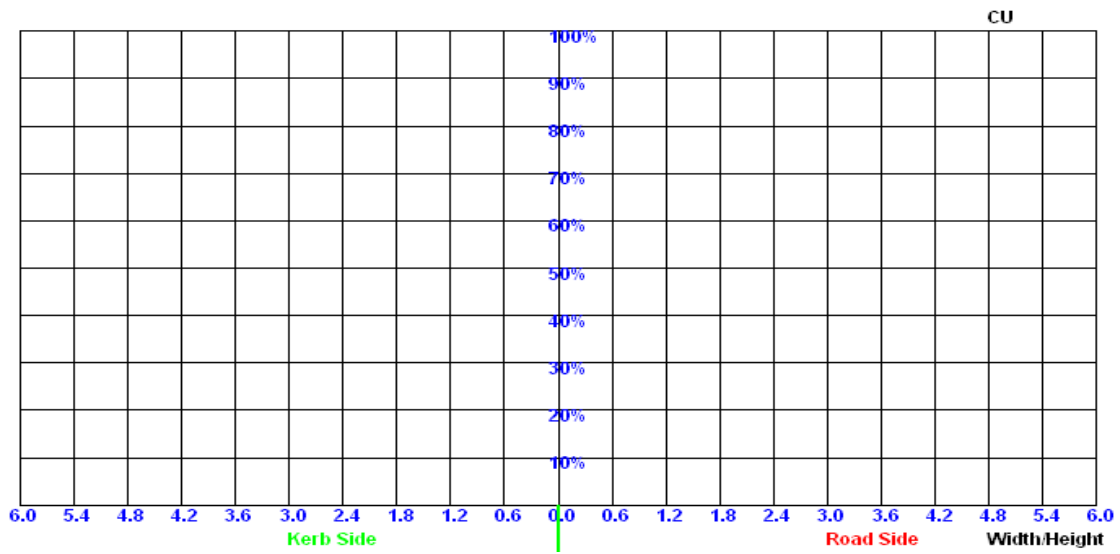
350	197.5	173.9	149.9	125.7	102.0	78.8	57.6	38.9	24.0
355	197.7	173.9	150.1	125.7	102.0	79.0	57.6	39.0	24.0
360	197.9	174.3	150.0	125.9	102.1	79.0	57.7	39.0	24.0

RP Lighting • Fans

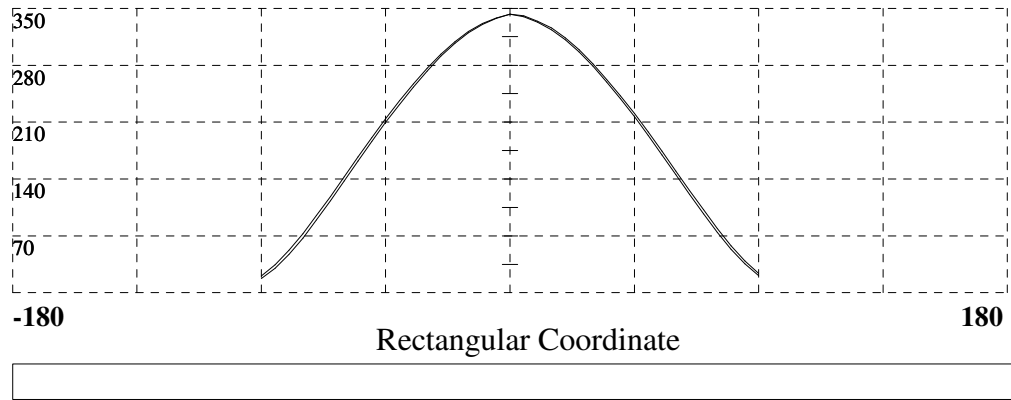
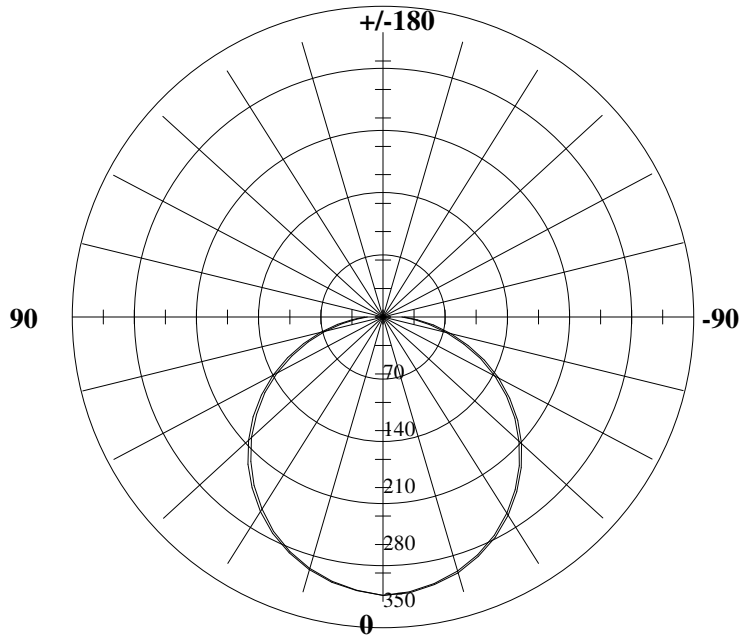
Zonal Flux 8556-80

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	342.61	0.00	0.00	0.00	0.00
5	338.85	8.15	8.15	-814.67	-814.67
10	332.00	24.00	32.14	-2399.83	-3214.50
15	322.55	38.83	70.97	-3882.74	-7097.24
20	310.09	52.14	123.11	-5213.91	-12311.15
25	294.77	63.44	186.55	-6343.88	-18655.03
30	277.32	72.40	258.95	-7239.81	-25894.84
35	258.12	78.85	337.80	-7884.66	-33779.51
40	237.26	82.65	420.45	-8265.02	-42044.54
45	215.33	83.80	504.25	-8380.06	-50424.60
50	192.00	82.31	586.55	-8230.69	-58655.32
55	168.25	78.33	664.88	-7833.11	-66488.45
60	144.06	72.19	737.07	-7218.95	-73707.38
65	119.75	64.13	801.21	-6413.16	-80120.52
70	96.03	54.64	855.84	-5463.58	-85584.11
75	73.29	44.26	900.10	-4425.78	-90009.89
80	52.51	33.66	933.76	-3365.98	-93375.87
85	34.43	23.62	957.38	-2362.19	-95738.07
90	20.01	14.90	972.29	-1490.48	-97228.56

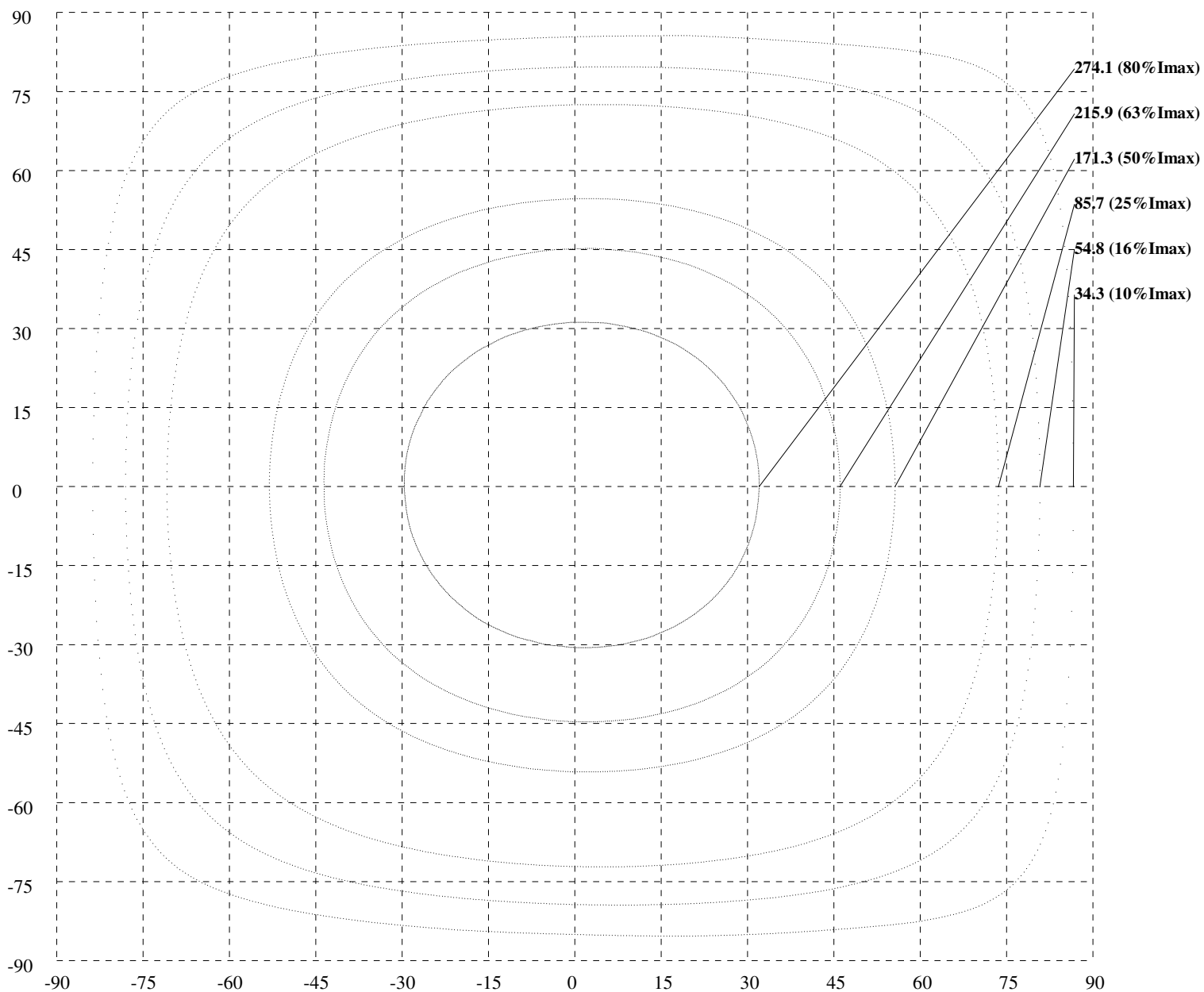
RP Lighting • Fans
Coefficient Utilization Curve 8556-80



Light Distribution Curve[Unit: cd]

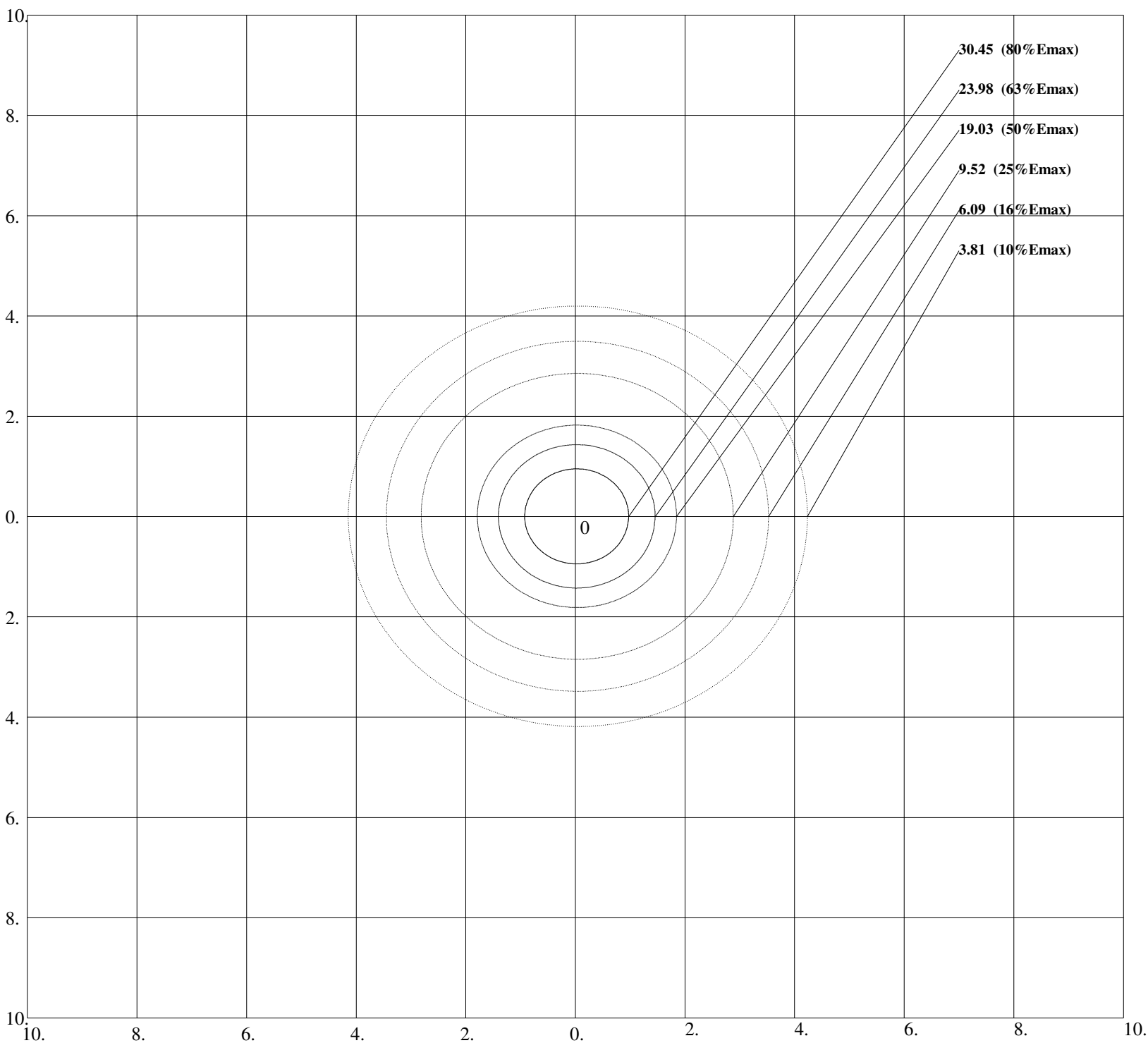


ISO-Candela V-H [Unit :cd]8556-80



RP Lighting • Fans

Iso-Lux [Unit :lx]8556-80



Units: lx
Height: 3 m
Max Illuminance : 38.07lx

RP Lighting • Fans
Lux-Distance Curve

