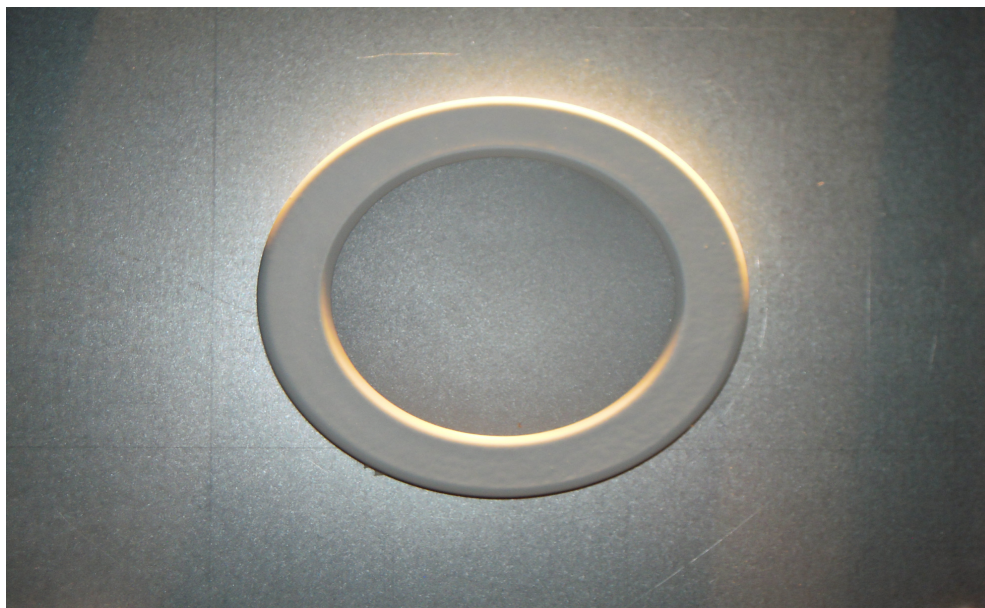


Test Report of Luminaire

Report No.:

Luminaire Type	8739		
Lamp Type	LED		
Client		EUT NO.	CCT: 2620K, CRI: 83.6Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.105
Power:	12.4	Power Factor	0.988
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	773.58 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	288.035cd	Central Intensity	288.035cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-77357.91%		
50%Imax Beam Width	C0_180[54.8 ,-52.4] C90_270[53.6 ,-53.4]		
Remark			

Luminaire Figure



RP Lighting • Fans

Photometric Data Table [Unit:cd] 8739

C\G	0	5	10	15	20	25	30	35	40	45
0	288.0	286.6	281.2	273.7	263.4	251.2	236.8	219.8	202.6	183.7
5	288.0	286.2	281.6	273.4	263.8	251.2	237.0	220.0	202.5	183.8
10	288.0	286.5	281.2	273.6	263.5	251.1	236.9	219.7	202.9	183.5
15	288.0	286.3	281.5	273.7	263.5	251.3	237.0	220.0	202.5	183.7
20	288.0	286.3	281.2	273.5	263.6	250.9	236.6	219.6	202.2	183.4
25	288.0	286.4	281.3	273.6	263.2	251.2	236.8	219.7	202.2	183.5
30	288.0	286.0	281.3	273.2	263.4	250.8	236.5	219.4	202.1	183.2
35	288.0	286.3	281.0	273.2	263.1	250.8	236.4	219.2	201.7	183.1
40	288.0	286.0	281.2	273.3	262.9	250.7	236.3	219.2	202.4	182.8
45	288.0	286.2	280.8	272.9	263.0	250.3	235.8	218.7	202.1	182.7
50	288.0	286.0	280.7	272.7	262.8	250.2	235.9	218.7	201.2	182.2
55	288.0	285.9	280.7	272.9	262.4	249.8	235.3	218.2	201.6	182.1
60	288.0	286.0	280.7	272.4	262.2	249.9	235.3	218.1	200.6	181.7
65	288.0	285.7	280.3	272.3	262.1	249.3	234.9	217.7	200.2	181.2
70	288.0	286.0	280.6	272.4	261.7	249.3	234.6	217.3	199.7	181.0
75	288.0	285.5	280.1	272.0	261.8	248.9	234.4	217.1	199.5	180.4
80	288.0	285.8	280.2	271.7	261.2	248.6	233.9	216.5	198.9	180.2
85	288.0	285.5	279.9	271.5	261.2	248.5	233.8	216.4	198.7	179.6
90	288.0	285.5	279.8	271.5	260.9	247.9	233.2	215.8	198.1	179.4
95	288.0	285.2	279.8	271.4	260.6	248.0	233.0	215.8	197.9	178.9
100	288.0	285.5	279.4	270.9	260.5	247.4	232.7	215.1	197.3	178.4
105	288.0	285.0	279.6	270.9	260.0	247.3	232.2	214.8	198.0	178.1
110	288.0	285.2	279.1	270.8	260.1	246.9	232.2	214.3	196.7	177.5
115	288.0	285.0	279.3	270.3	259.5	246.5	231.6	214.3	196.3	177.4
120	288.0	284.9	279.0	270.5	259.6	246.5	231.5	213.6	196.0	176.8
125	288.0	285.0	278.6	270.1	259.3	245.9	231.1	213.5	195.5	176.6
130	288.0	284.6	278.6	269.9	258.9	246.0	230.8	213.1	195.4	176.2
135	288.0	284.9	278.2	270.0	258.7	245.5	230.6	212.8	194.8	175.8
140	288.0	284.5	278.5	269.6	258.7	245.5	230.2	212.7	194.8	175.7
145	288.0	284.7	278.0	269.5	258.7	245.2	230.0	212.3	194.4	175.2
150	288.0	284.5	278.2	269.6	258.2	245.0	230.0	212.3	194.2	175.2
155	288.0	284.4	278.0	269.1	258.2	245.0	229.7	211.9	194.1	174.8
160	288.0	284.6	277.9	269.3	258.2	244.6	229.5	211.9	193.8	174.8
165	288.0	284.2	278.0	269.1	257.9	244.8	229.6	212.4	194.0	174.5
170	288.0	284.5	277.7	269.0	257.8	244.4	229.2	212.2	193.5	174.6
175	288.0	284.2	278.0	269.2	258.0	244.5	229.5	211.7	193.7	174.3
180	288.0	284.4	277.9	269.2	257.6	244.3	229.1	211.2	193.5	174.4
185	288.0	284.3	277.8	268.9	257.8	244.5	229.3	211.5	193.5	174.2
190	288.0	284.2	277.7	269.0	257.8	244.2	229.2	211.3	193.6	174.4
195	288.0	284.4	277.9	269.0	258.0	244.6	229.2	211.5	193.4	174.4
200	288.0	284.1	277.6	268.8	257.8	244.4	229.4	211.6	193.8	174.4
205	288.0	284.4	277.9	269.2	257.8	244.6	229.3	211.9	193.6	174.7
210	288.0	284.1	277.6	269.0	258.1	244.7	229.6	212.1	193.9	174.6
215	288.0	284.3	277.9	269.3	258.0	244.7	229.5	211.9	194.0	175.0
220	288.0	284.3	277.9	269.4	258.0	245.1	229.9	212.4	194.3	175.0
225	288.0	284.5	277.9	269.2	258.4	244.9	230.0	212.3	194.3	175.4
230	288.0	284.2	278.2	269.7	258.6	245.4	230.1	212.7	194.8	175.6
235	288.0	284.6	278.0	269.5	258.5	245.3	230.6	212.8	194.9	175.8

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8739

240	288.0	284.3	278.4	269.8	258.7	245.7	230.5	213.2	195.3	176.3
245	288.0	284.5	278.2	270.1	259.1	245.9	231.1	213.2	195.5	176.4
250	288.0	284.5	278.5	269.9	259.4	246.0	231.1	213.9	195.8	177.0
255	288.0	284.4	278.5	270.3	259.3	246.6	231.6	213.9	196.3	177.2
260	288.0	284.8	278.6	270.5	259.6	246.5	231.8	214.5	196.4	177.6
265	288.0	284.5	278.9	270.4	259.9	247.1	231.8	215.0	197.1	178.0
270	288.0	284.9	278.7	271.0	260.0	247.2	232.2	215.0	197.2	178.3
275	288.0	284.7	279.2	270.9	260.5	247.6	232.7	215.6	197.7	179.0
280	288.0	284.8	279.0	271.0	260.4	247.9	232.9	215.7	198.1	179.1
285	288.0	284.9	279.3	271.5	261.0	248.0	233.0	216.3	198.5	179.7
290	288.0	284.8	279.4	271.5	261.0	248.5	233.1	216.4	199.0	180.0
295	288.0	285.2	279.4	271.5	261.2	248.5	233.1	216.9	199.1	180.5
300	288.0	284.8	279.8	271.8	261.6	249.1	233.5	217.3	199.5	180.7
305	288.0	285.3	279.5	272.2	261.5	249.1	234.0	217.5	200.0	181.3
310	288.0	285.0	279.7	272.3	262.1	249.5	233.9	218.0	200.1	181.5
315	288.0	285.2	280.0	272.2	261.9	249.5	234.5	218.0	200.7	182.0
320	288.0	285.3	280.0	272.5	262.4	250.1	234.4	218.5	200.7	182.1
325	288.0	285.1	279.9	272.7	262.4	249.9	234.8	218.5	201.2	182.5
330	288.0	285.5	280.3	272.5	262.5	250.3	235.0	218.8	201.3	182.8
335	288.0	285.1	280.0	272.7	262.8	250.5	235.1	219.1	201.5	182.9
340	288.0	285.5	280.5	272.9	262.6	250.4	235.4	219.1	201.8	183.3
345	288.0	285.2	280.3	273.1	262.8	250.8	235.2	219.5	201.9	183.2
350	288.0	285.5	280.4	272.8	263.0	250.7	235.9	219.3	202.0	183.5
355	288.0	285.2	280.4	272.9	263.1	250.7	235.6	219.7	202.3	183.6
360	288.0	286.6	281.2	273.7	263.4	251.2	236.8	219.8	202.6	183.7

C\G	50	55	60	65	70	75	80	85	90
0	163.8	143.0	121.5	99.9	77.2	54.7	33.4	14.3	0.7
5	163.9	143.1	121.6	99.8	77.1	54.8	33.3	14.3	0.7
10	163.7	143.0	121.4	99.8	77.1	54.7	33.3	14.2	0.7
15	163.9	142.9	121.5	99.7	77.0	54.6	33.2	14.1	0.7
20	163.6	142.9	121.2	99.5	76.8	54.5	33.1	14.0	0.7
25	163.6	142.6	121.2	99.3	76.7	54.3	32.9	13.8	0.7
30	163.3	142.6	121.0	99.2	76.4	54.1	32.7	13.6	0.6
35	163.2	142.2	120.7	98.9	76.3	53.8	32.4	13.4	0.6
40	163.0	142.0	120.5	98.7	75.9	53.6	32.2	13.1	0.6
45	162.6	141.8	120.1	98.3	75.7	53.2	31.9	12.9	0.6
50	162.5	141.3	119.9	97.9	75.3	52.9	31.5	12.5	0.6
55	161.9	141.2	119.5	97.6	74.9	52.4	31.2	12.2	0.6
60	161.7	140.6	119.1	97.1	74.5	52.1	30.8	11.9	0.6
65	161.3	140.4	118.7	96.8	74.0	51.6	30.4	11.6	0.6
70	160.9	139.9	118.2	96.3	73.7	51.2	30.0	11.2	0.5
75	160.6	139.5	117.9	95.9	73.1	50.8	29.6	10.9	0.5
80	160.0	139.1	117.3	95.4	72.7	50.3	29.1	10.5	0.5
85	159.8	138.5	116.9	94.9	72.2	49.9	28.7	10.2	0.5
90	159.1	138.3	116.4	94.5	71.7	49.3	28.3	9.9	0.5
95	158.9	137.6	116.0	93.9	71.3	49.0	27.8	9.5	0.5
100	158.3	137.3	115.4	93.6	70.8	48.4	27.5	9.2	0.5

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8739

105	157.9	136.8	115.1	93.0	70.3	48.1	27.1	8.9	0.5
110	157.6	136.3	114.5	92.6	69.9	47.6	26.7	8.6	0.5
115	157.0	136.0	114.6	92.1	69.4	47.2	26.3	8.3	0.5
120	156.6	135.5	114.2	91.7	69.0	46.9	26.0	8.1	0.5
125	156.3	135.2	113.7	91.3	68.7	46.4	25.7	7.9	0.5
130	155.9	134.8	113.5	90.9	68.3	46.2	25.4	7.7	0.5
135	155.6	134.4	113.0	90.7	68.0	45.8	25.1	7.5	0.5
140	155.4	134.3	112.8	90.4	67.7	45.6	24.9	7.3	0.6
145	155.0	133.8	112.4	90.0	67.4	45.3	24.6	7.2	0.5
150	154.9	133.7	112.2	89.7	67.2	45.0	24.5	7.0	0.5
155	154.5	133.5	112.0	89.6	67.0	44.9	24.4	7.0	0.6
160	154.5	133.2	111.8	89.3	66.9	44.7	24.2	6.9	0.5
165	154.3	133.2	111.8	89.3	66.6	44.6	24.1	6.8	0.5
170	154.1	132.9	111.5	89.1	66.6	44.5	24.1	6.8	0.5
175	154.2	133.0	111.6	89.1	66.5	44.5	24.1	6.7	0.5
180	153.9	132.9	111.4	89.0	66.5	44.5	24.1	6.8	0.5
185	154.1	132.9	111.5	89.0	66.5	44.6	24.1	6.8	0.5
190	153.9	133.0	111.5	89.1	66.5	44.6	24.2	6.9	0.6
195	154.1	132.9	111.5	89.1	66.7	44.8	24.3	7.0	0.5
200	154.2	133.1	111.8	89.3	66.8	44.9	24.5	7.1	0.5
205	154.3	133.2	111.8	89.4	67.0	45.1	24.6	7.2	0.5
210	154.6	133.4	112.1	89.6	67.2	45.3	24.8	7.3	0.5
215	154.6	133.6	112.2	89.9	67.5	45.5	25.0	7.5	0.5
220	155.0	133.7	112.5	90.1	67.7	45.8	25.2	7.7	0.6
225	155.1	134.1	112.7	90.5	68.1	46.0	25.5	7.9	0.6
230	155.5	134.4	113.1	90.7	68.3	46.4	25.8	8.2	0.5
235	155.7	134.8	113.4	91.1	68.8	46.7	26.1	8.4	0.5
240	156.0	134.9	113.9	91.5	69.1	47.1	26.4	8.7	0.5
245	156.3	135.5	114.2	91.9	69.5	47.5	26.8	9.0	0.5
250	156.9	135.9	114.7	92.3	69.9	47.9	27.1	9.3	0.5
255	157.1	136.2	115.1	92.7	70.3	48.3	27.5	9.6	0.5
260	157.6	136.8	115.4	93.2	70.8	48.7	27.9	10.0	0.5
265	158.1	137.1	116.0	93.6	71.2	49.2	28.3	10.3	0.5
270	158.4	137.5	116.3	94.1	71.7	49.6	28.8	10.6	0.5
275	159.0	138.0	116.9	94.6	72.2	50.0	29.2	10.9	0.6
280	159.2	138.5	117.3	95.1	72.6	50.5	29.6	11.2	0.6
285	159.8	138.8	117.8	95.5	73.2	50.9	29.9	11.6	0.6
290	160.1	139.3	118.3	96.1	73.5	51.4	30.4	11.9	0.6
295	160.6	139.7	118.6	96.4	74.0	51.7	30.7	12.2	0.6
300	161.0	140.0	119.2	97.0	74.4	52.2	31.1	12.5	0.6
305	161.2	140.6	119.5	97.3	74.8	52.5	31.4	12.8	0.6
310	161.8	140.8	120.0	97.7	75.2	52.9	31.8	13.1	0.7
315	161.9	141.3	120.3	98.1	75.5	53.3	32.1	13.3	0.7
320	162.5	141.5	120.6	98.4	75.9	53.6	32.3	13.6	0.7
325	162.6	141.9	121.0	98.7	76.1	53.8	32.6	13.8	0.7
330	162.9	142.1	121.1	98.9	76.5	54.1	32.7	13.9	0.7
335	163.2	142.3	121.6	99.2	76.6	54.2	33.0	14.1	0.7
340	163.2	142.6	121.6	99.3	76.9	54.4	33.1	14.2	0.7
345	163.6	142.6	121.9	99.5	77.0	54.6	33.2	14.3	0.7

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Photometric Data Table

[Unit:cd] 8739

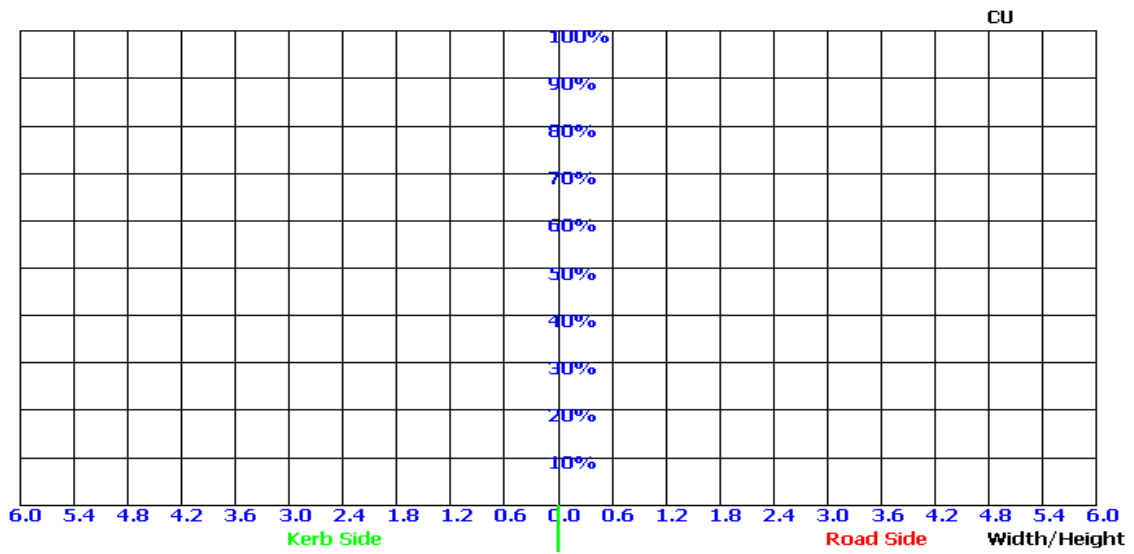
350	163.5	142.9	121.9	99.7	77.1	54.6	33.3	14.3	0.7
355	163.8	142.8	122.1	99.8	77.1	54.8	33.3	14.4	0.7
360	163.8	143.0	121.5	99.9	77.2	54.7	33.4	14.3	0.7

RP Lighting • Fans

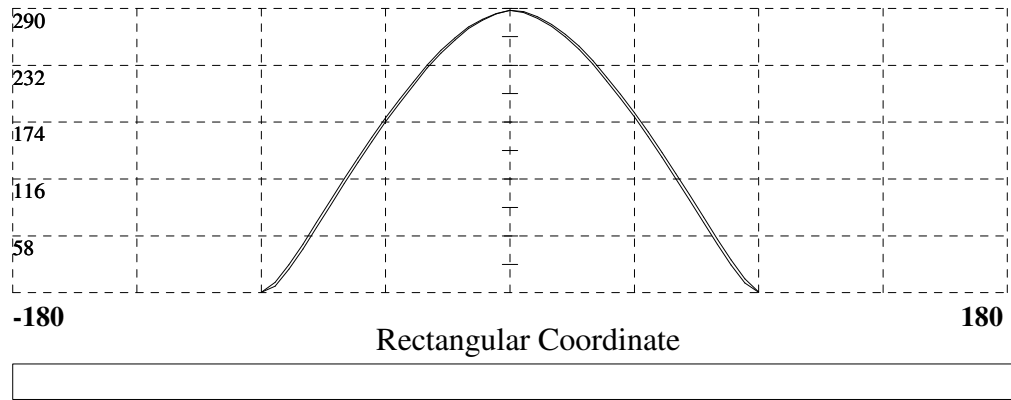
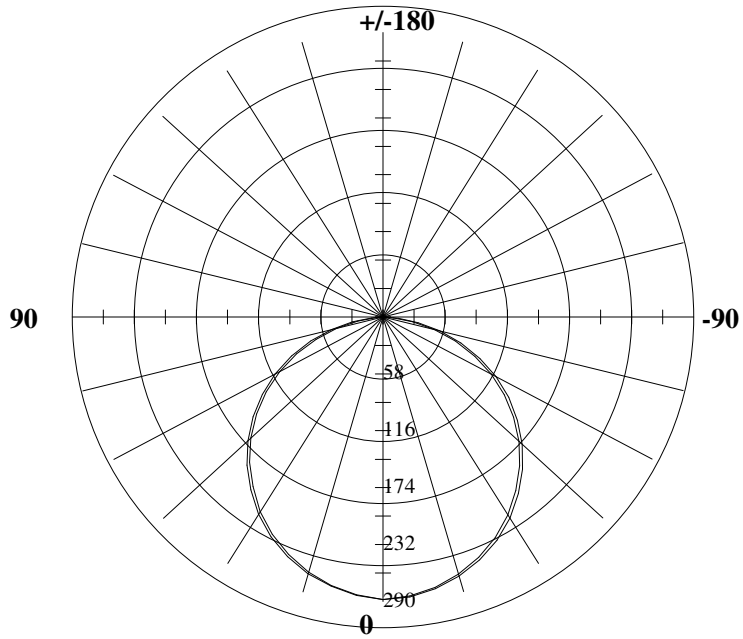
Zonal Flux 8739

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	288.04	0.00	0.00	0.00	0.00
5	285.09	6.85	6.85	-685.16	-685.16
10	279.34	20.19	27.04	-2019.14	-2704.30
15	271.13	32.65	59.70	-3265.36	-5969.66
20	260.53	43.82	103.51	-4381.64	-10351.31
25	247.69	53.30	156.82	-5330.24	-15681.55
30	232.75	60.80	217.62	-6079.99	-21761.54
35	215.58	66.02	283.64	-6602.05	-28363.59
40	197.90	68.99	352.62	-6898.65	-35262.23
45	178.92	69.77	422.39	-6977.19	-42239.42
50	158.86	68.25	490.65	-6825.49	-49064.90
55	137.89	64.52	555.17	-6452.48	-55517.40
60	116.55	58.81	613.99	-5881.37	-61398.79
65	94.35	51.27	665.26	-5126.98	-66525.76
70	71.79	42.07	707.32	-4206.64	-70732.39
75	49.57	31.72	739.05	-3172.13	-73904.53
80	28.63	20.92	759.97	-2092.46	-75997.00
85	10.39	10.60	770.57	-1060.21	-77057.20
90	0.59	3.01	773.58	-300.69	-77357.86

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Coefficient Utilization Curve 8739

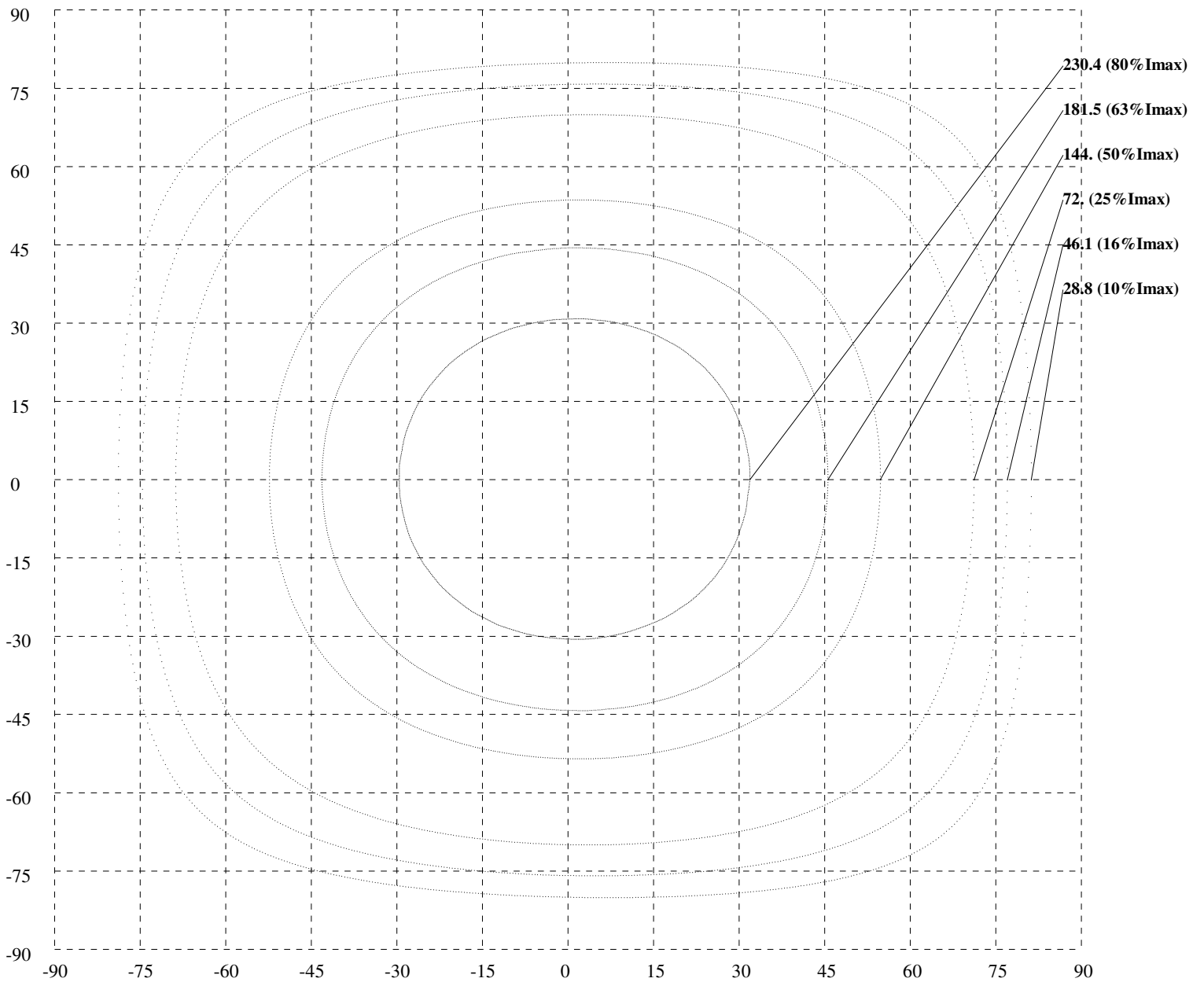


Light Distribution Curve[Unit: cd]



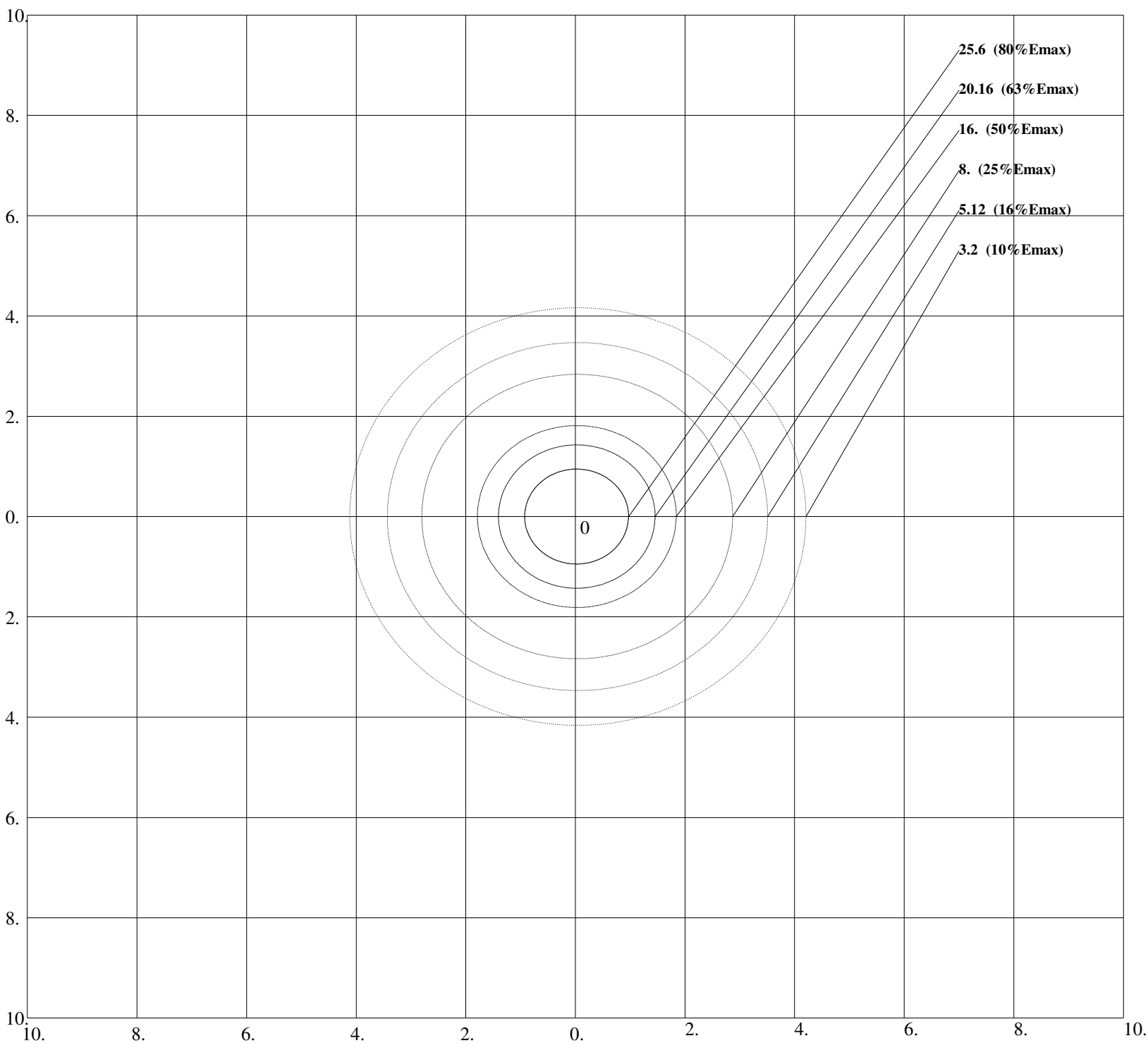
RP Lighting • Fans

ISO-Candela V-H [Unit :cd] 8739



RP Lighting • Fans

Iso-Lux [Unit :lx] 8739



Units: lx
Height: 3 m
Max Illuminance : 32.lx

RP Lighting • Fans

Lux-Distance Curve

