

Test Report of Luminaire

Report No.:

Luminaire Type	8723		
Lamp Type	LED		
Client		EUT NO.	CCT: 2985K, CRI: 91.6Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.076
Power:	9.1	Power Factor	0.991
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	572.59 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	328.713cd	Central Intensity	328.713cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-57258.91%		
50%Imax Beam Width	C0_180[41.9 , -43.2] C90_270[41.1 , -43.9]		
Remark			

Luminaire Figure


RP Lighting + Fans

Photometric Data Table [Unit:cd] 8723

C\G	0	5	10	15	20	25	30	35	40	45
0	328.7	325.1	316.8	304.8	289.7	270.0	246.3	216.6	180.9	138.1
5	328.7	325.1	316.8	304.8	290.1	270.7	246.3	216.6	180.6	137.7
10	328.7	325.1	316.8	305.1	290.4	270.7	246.7	216.3	180.2	137.2
15	328.7	325.1	317.1	305.1	290.4	271.0	246.3	216.0	179.6	136.6
20	328.7	325.1	316.8	305.4	290.7	271.0	246.0	215.3	178.6	135.6
25	328.7	324.8	316.8	305.4	290.4	270.7	245.7	214.3	177.2	134.5
30	328.7	325.1	316.8	305.1	290.7	270.4	245.0	213.0	175.9	133.3
35	328.7	324.8	316.4	305.1	290.1	269.7	244.0	212.0	174.6	131.9
40	328.7	324.8	316.4	305.1	289.7	269.4	243.0	210.6	173.2	131.0
45	328.7	324.4	316.1	304.8	289.4	268.4	242.0	210.0	172.6	130.4
50	328.7	324.4	315.8	304.1	288.7	267.7	241.3	209.3	144.9	130.2
55	328.7	324.4	315.4	303.8	288.1	267.4	241.0	208.6	168.4	130.5
60	328.7	324.1	315.4	303.4	287.4	266.7	240.7	209.0	168.8	130.9
65	328.7	324.1	315.1	302.8	286.7	266.4	240.3	209.0	169.3	131.6
70	328.7	324.1	315.1	302.8	286.7	265.7	240.3	209.3	169.6	132.0
75	328.7	324.4	315.1	302.4	286.1	265.7	240.3	209.6	170.3	132.7
80	328.7	324.1	314.8	302.1	286.1	265.7	240.3	210.0	170.7	133.4
85	328.7	324.4	314.8	302.1	286.1	266.0	241.3	210.6	171.5	134.0
90	328.7	324.4	314.8	302.1	286.4	266.4	241.7	211.6	172.5	135.1
95	328.7	324.4	315.1	302.4	286.7	267.0	242.3	212.6	173.5	136.0
100	328.7	324.8	315.4	302.8	287.1	267.7	243.3	213.3	174.7	136.9
105	328.7	325.1	315.8	303.1	287.7	268.4	244.3	214.6	175.7	137.7
110	328.7	325.1	316.1	303.4	288.4	269.0	245.0	215.6	176.9	138.5
115	328.7	325.1	316.1	304.1	289.1	269.7	245.7	216.3	177.7	139.2
120	328.7	325.4	316.4	304.4	289.4	270.0	246.3	217.0	178.3	139.7
125	328.7	325.8	316.8	305.1	290.1	270.7	247.0	217.6	178.6	140.1
130	328.7	325.8	317.1	305.1	290.1	271.0	247.3	218.0	179.2	140.5
135	328.7	325.8	317.1	305.4	290.7	271.4	247.7	218.3	179.4	141.2
140	328.7	325.8	317.4	305.8	290.7	271.7	248.0	219.0	180.2	141.4
145	328.7	326.1	317.8	306.1	291.7	272.4	248.7	219.6	180.8	142.3
150	328.7	326.1	317.8	306.4	291.7	273.0	249.3	220.3	181.7	143.1
155	328.7	326.1	318.1	306.4	292.1	273.7	250.3	221.3	182.8	144.0
160	328.7	326.4	318.4	306.8	292.7	274.4	251.3	222.6	183.9	145.2
165	328.7	326.4	318.4	307.1	293.1	275.0	252.3	224.0	185.5	146.3
170	328.7	326.4	318.4	307.4	293.7	276.0	253.7	225.3	186.6	147.8
175	328.7	326.4	318.8	307.8	294.1	277.0	254.7	226.3	188.1	148.8
180	328.7	326.4	318.8	308.1	295.1	278.0	255.4	227.6	189.3	150.0
185	328.7	326.8	319.1	308.4	295.7	278.7	256.7	228.6	190.5	150.9
190	328.7	326.8	319.1	308.8	296.1	279.4	257.7	229.6	191.5	151.7
195	328.7	326.8	319.4	309.1	296.7	280.4	258.4	230.7	192.1	152.4
200	328.7	326.8	319.4	309.4	297.4	281.1	259.4	231.7	193.3	153.0
205	328.7	326.8	319.8	309.8	297.7	282.1	260.0	232.3	193.9	153.9
210	328.7	326.8	319.8	310.4	298.4	282.7	260.7	233.0	195.0	154.5
215	328.7	326.8	320.1	310.8	299.1	283.1	261.4	233.7	195.7	155.4
220	328.7	326.8	320.1	311.1	299.7	283.4	262.0	234.3	196.5	156.0
225	328.7	326.8	320.1	311.4	299.7	283.7	262.7	235.0	197.3	156.6
230	328.7	326.8	320.1	311.4	299.7	283.7	262.7	235.7	197.5	157.0
235	328.7	326.8	320.1	311.4	299.7	283.7	263.0	235.7	197.9	157.6

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240	328.7	326.8	320.1	311.1	299.7	283.7	262.7	235.7	198.0	157.7
245	328.7	326.8	319.8	310.8	299.1	283.7	263.0	235.7	198.1	157.8
250	328.7	326.8	319.8	310.4	298.7	283.1	262.7	235.7	197.7	157.6
255	328.7	326.4	319.4	310.1	298.1	282.7	262.0	235.3	197.7	157.3
260	328.7	326.4	319.4	309.4	297.4	282.1	261.7	234.7	197.1	157.2
265	328.7	326.4	319.1	309.1	297.1	281.4	261.0	234.0	196.4	156.3
270	328.7	326.4	318.8	308.4	296.4	280.7	260.0	233.0	195.6	155.8
275	328.7	326.1	318.8	308.1	295.7	280.1	259.0	232.3	194.3	154.7
280	328.7	326.1	318.4	307.8	295.1	279.4	258.0	231.3	193.5	153.7
285	328.7	325.8	318.1	307.4	294.4	278.4	257.0	229.6	191.8	152.5
290	328.7	326.1	318.1	306.8	294.1	277.4	256.0	228.6	190.9	151.3
295	328.7	325.8	317.8	306.8	293.1	276.7	254.7	227.6	189.7	150.5
300	328.7	325.8	317.8	306.4	292.4	275.7	254.0	226.6	188.7	149.4
305	328.7	325.8	317.8	306.1	292.1	275.0	253.0	225.3	187.8	148.7
310	328.7	325.4	317.4	305.8	291.4	274.0	252.0	224.3	186.6	147.6
315	328.7	325.4	317.4	305.4	290.7	273.0	251.0	223.3	185.7	146.6
320	328.7	325.4	317.1	305.1	290.4	272.4	250.3	222.0	184.2	145.4
325	328.7	325.4	316.8	304.8	289.7	271.7	249.3	221.0	183.1	144.0
330	328.7	325.4	316.8	304.4	289.4	270.7	248.3	220.0	181.7	142.9
335	328.7	325.1	316.4	304.4	289.1	270.7	247.3	218.6	180.5	141.6
340	328.7	325.1	316.4	304.1	289.1	270.4	246.7	218.0	179.7	140.7
345	328.7	325.1	316.4	304.1	289.1	270.0	246.3	217.3	178.6	139.7
350	328.7	325.1	316.4	304.1	289.4	269.7	246.3	217.0	178.1	139.0
355	328.7	324.8	316.4	304.4	289.4	270.0	246.3	216.6	177.5	138.4
360	328.7	325.1	316.8	304.8	289.7	270.0	246.3	216.6	180.9	138.1

C\G	50	55	60	65	70	75	80	85	90
0	101.3	64.8	32.0	14.6	5.7	1.5	0.6	0.6	0.5
5	101.2	64.4	31.7	14.5	5.7	1.5	0.6	0.6	0.5
10	100.6	63.9	31.3	14.3	5.6	1.4	0.6	0.6	0.5
15	100.2	63.3	30.9	14.1	5.6	1.4	0.6	0.6	0.5
20	99.4	62.7	30.4	14.0	5.5	1.4	0.6	0.6	0.5
25	98.5	61.8	30.0	13.8	5.4	1.4	0.6	0.6	0.5
30	97.5	61.2	29.7	13.7	5.4	1.3	0.6	0.5	0.5
35	96.7	60.5	29.4	13.6	5.3	1.3	0.6	0.5	0.5
40	95.9	60.0	29.2	13.5	5.3	1.3	0.6	0.5	0.5
45	95.6	59.8	29.1	13.4	5.2	1.3	0.6	0.5	0.5
50	95.7	59.7	29.1	13.4	5.2	1.3	0.6	0.5	0.5
55	96.0	60.0	29.1	13.3	5.1	1.2	0.6	0.5	0.5
60	96.7	60.2	29.3	13.3	5.1	1.2	0.6	0.5	0.5
65	97.2	60.6	29.4	13.3	5.1	1.2	0.6	0.6	0.5
70	97.8	60.9	29.6	13.3	5.0	1.1	0.6	0.5	0.5
75	98.3	61.3	29.9	13.3	5.0	1.0	0.6	0.6	0.5
80	98.8	61.7	30.1	13.3	5.0	1.0	0.6	0.6	0.5
85	99.4	61.9	30.3	13.5	5.0	1.0	0.6	0.6	0.5
90	100.0	62.3	30.6	13.6	5.1	1.0	0.6	0.6	0.5
95	100.7	62.6	30.8	13.8	5.2	1.1	0.6	0.6	0.5
100	101.3	63.0	31.0	13.9	5.3	1.2	0.6	0.5	0.5

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105	102.0	63.3	31.2	14.1	5.5	1.3	0.6	0.6	0.5
110	102.4	63.6	31.3	14.2	5.6	1.4	0.6	0.5	0.5
115	102.8	63.8	31.5	14.3	5.7	1.5	0.6	0.6	0.5
120	103.3	64.2	31.7	14.5	5.8	1.6	0.6	0.5	0.5
125	103.5	64.5	31.9	14.6	5.9	1.7	0.6	0.5	0.5
130	104.0	64.8	32.1	14.7	6.0	1.9	0.6	0.5	0.5
135	104.3	65.1	32.2	14.8	6.1	1.9	0.6	0.5	0.5
140	104.9	65.5	32.5	15.0	6.3	2.0	0.6	0.5	0.5
145	105.4	66.0	32.6	15.1	6.3	2.1	0.6	0.5	0.5
150	106.2	66.3	32.9	15.2	6.4	2.2	0.6	0.5	0.5
155	106.9	67.0	33.0	15.3	6.5	2.3	0.6	0.5	0.5
160	107.9	67.5	33.3	15.4	6.6	2.4	0.6	0.6	0.5
165	108.7	68.2	33.5	15.6	6.7	2.4	0.6	0.6	0.5
170	109.8	68.8	33.6	15.6	6.8	2.4	0.6	0.6	0.5
175	110.7	69.4	33.8	15.7	6.9	2.5	0.6	0.6	0.5
180	111.4	70.0	33.8	15.8	6.9	2.5	0.6	0.5	0.5
185	112.2	70.3	34.0	15.9	6.9	2.5	0.6	0.5	0.5
190	112.5	70.6	34.0	15.9	7.0	2.4	0.6	0.5	0.5
195	113.0	70.7	34.1	16.0	7.0	2.4	0.6	0.6	0.5
200	113.3	71.0	34.2	16.0	7.0	2.4	0.6	0.6	0.5
205	113.8	71.2	34.2	16.0	7.0	2.3	0.6	0.5	0.5
210	114.4	71.4	34.3	16.1	7.0	2.2	0.6	0.5	0.5
215	114.9	71.7	34.3	16.1	7.0	2.1	0.6	0.5	0.5
220	115.5	71.8	34.4	16.1	6.9	2.1	0.6	0.5	0.5
225	115.6	72.1	34.5	16.2	6.9	2.0	0.6	0.5	0.5
230	116.1	72.2	34.6	16.2	6.9	2.0	0.6	0.6	0.5
235	116.3	72.4	34.6	16.2	6.8	2.0	0.6	0.6	0.5
240	116.7	72.5	34.8	16.2	6.8	2.0	0.6	0.6	0.5
245	116.8	72.7	34.8	16.3	6.8	1.9	0.6	0.6	0.5
250	116.8	72.7	34.9	16.2	6.8	1.9	0.6	0.6	0.5
255	116.9	72.7	34.9	16.3	6.8	1.9	0.6	0.6	0.5
260	116.6	72.7	35.0	16.3	6.7	1.9	0.6	0.6	0.5
265	116.3	72.4	35.0	16.3	6.7	1.8	0.6	0.6	0.5
270	115.6	72.2	35.0	16.3	6.7	1.8	0.6	0.6	0.5
275	115.0	71.8	35.0	16.2	6.6	1.8	0.6	0.6	0.5
280	114.1	71.5	34.9	16.2	6.6	1.8	0.7	0.6	0.5
285	113.2	71.0	34.9	16.2	6.6	1.8	0.6	0.6	0.5
290	112.2	70.6	34.8	16.1	6.5	1.8	0.6	0.6	0.5
295	111.7	70.3	34.8	16.1	6.5	1.8	0.6	0.6	0.5
300	110.8	69.9	34.7	16.0	6.4	1.8	0.6	0.6	0.5
305	110.1	69.6	34.5	15.9	6.4	1.7	0.6	0.6	0.5
310	109.4	69.2	34.5	15.9	6.3	1.7	0.6	0.6	0.5
315	108.3	69.0	34.3	15.8	6.3	1.7	0.6	0.6	0.5
320	107.5	68.5	34.2	15.7	6.2	1.7	0.6	0.6	0.5
325	106.4	68.2	34.1	15.6	6.2	1.7	0.6	0.6	0.5
330	105.4	67.7	33.9	15.5	6.1	1.6	0.6	0.6	0.5
335	104.4	67.1	33.7	15.4	6.1	1.6	0.6	0.6	0.5
340	103.6	66.7	33.4	15.3	6.0	1.6	0.6	0.6	0.5
345	102.9	66.1	33.2	15.1	6.0	1.6	0.6	0.5	0.5

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8723

350	102.2	65.7	32.8	14.9	5.9	1.5	0.6	0.6	0.5
355	101.9	65.3	32.5	14.8	5.8	1.5	0.6	0.6	0.5
360	101.3	64.8	32.0	14.6	5.7	1.5	0.6	0.6	0.5

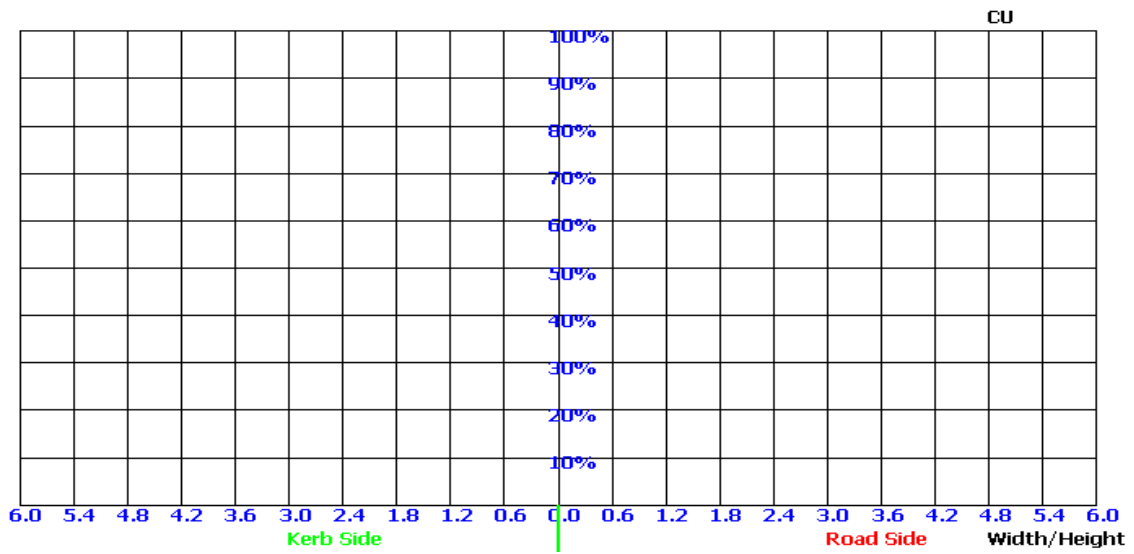
RP Lighting + Fans

Zonal Flux - 8723

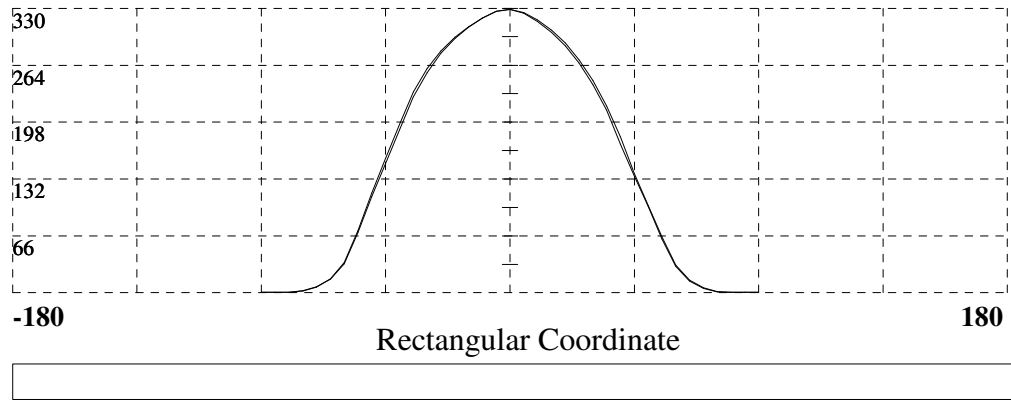
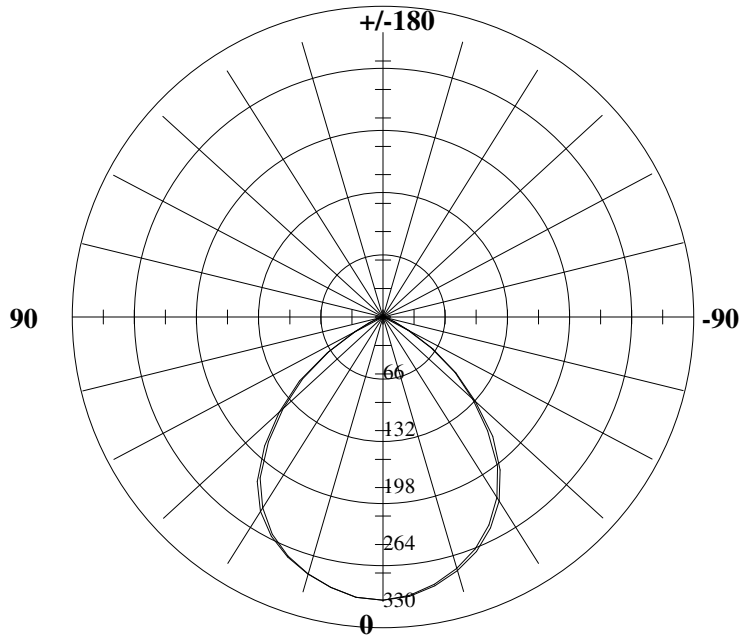
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	328.71	0.00	0.00	0.00	0.00
5	325.65	7.82	7.82	-782.27	-782.27
10	317.51	23.01	30.83	-2300.78	-3083.05
15	306.26	37.00	67.83	-3700.17	-6783.22
20	292.21	49.32	117.15	-4932.25	-11715.47
25	274.04	59.39	176.54	-5938.94	-17654.41
30	250.91	66.43	242.98	-6643.22	-24297.64
35	221.95	69.63	312.61	-6963.19	-31260.82
40	183.42	67.63	380.24	-6763.34	-38024.18
45	144.18	60.66	440.90	-6065.68	-44089.85
50	106.60	50.67	491.57	-5067.23	-49157.09
55	66.88	37.72	529.29	-3772.04	-52929.14
60	32.73	23.03	552.32	-2302.58	-55231.72
65	15.06	11.62	563.93	-1161.72	-56393.42
70	6.14	5.37	569.30	-536.56	-56929.98
75	1.73	2.06	571.36	-205.59	-57135.54
80	0.62	0.63	571.98	-62.77	-57198.31
85	0.55	0.32	572.30	-31.81	-57230.01
90	0.49	0.29	572.59	-28.73	-57258.78

RP Lighting + Fans

Coefficient Utilization Curve 8723

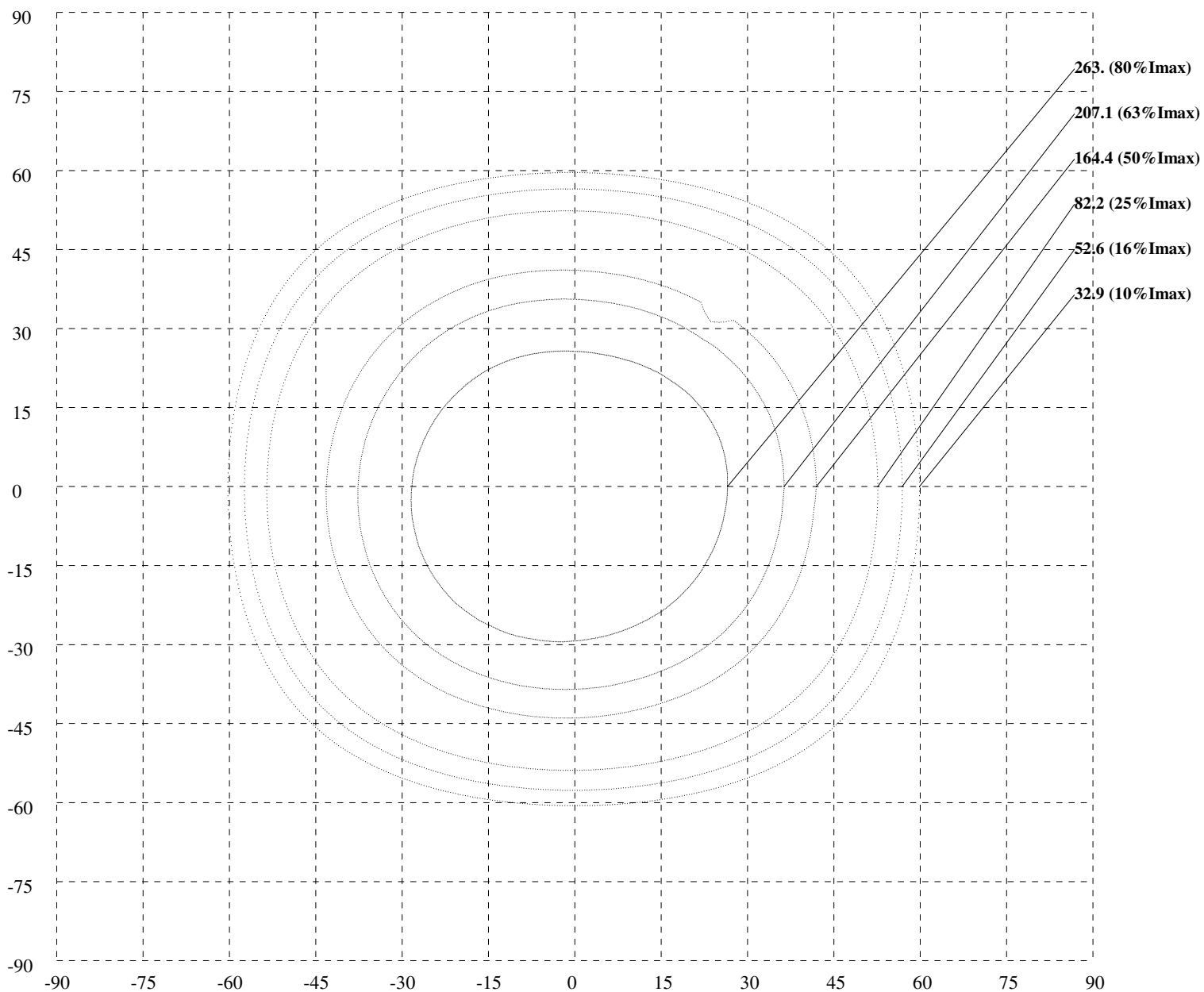


Light Distribution Curve[Unit: cd]



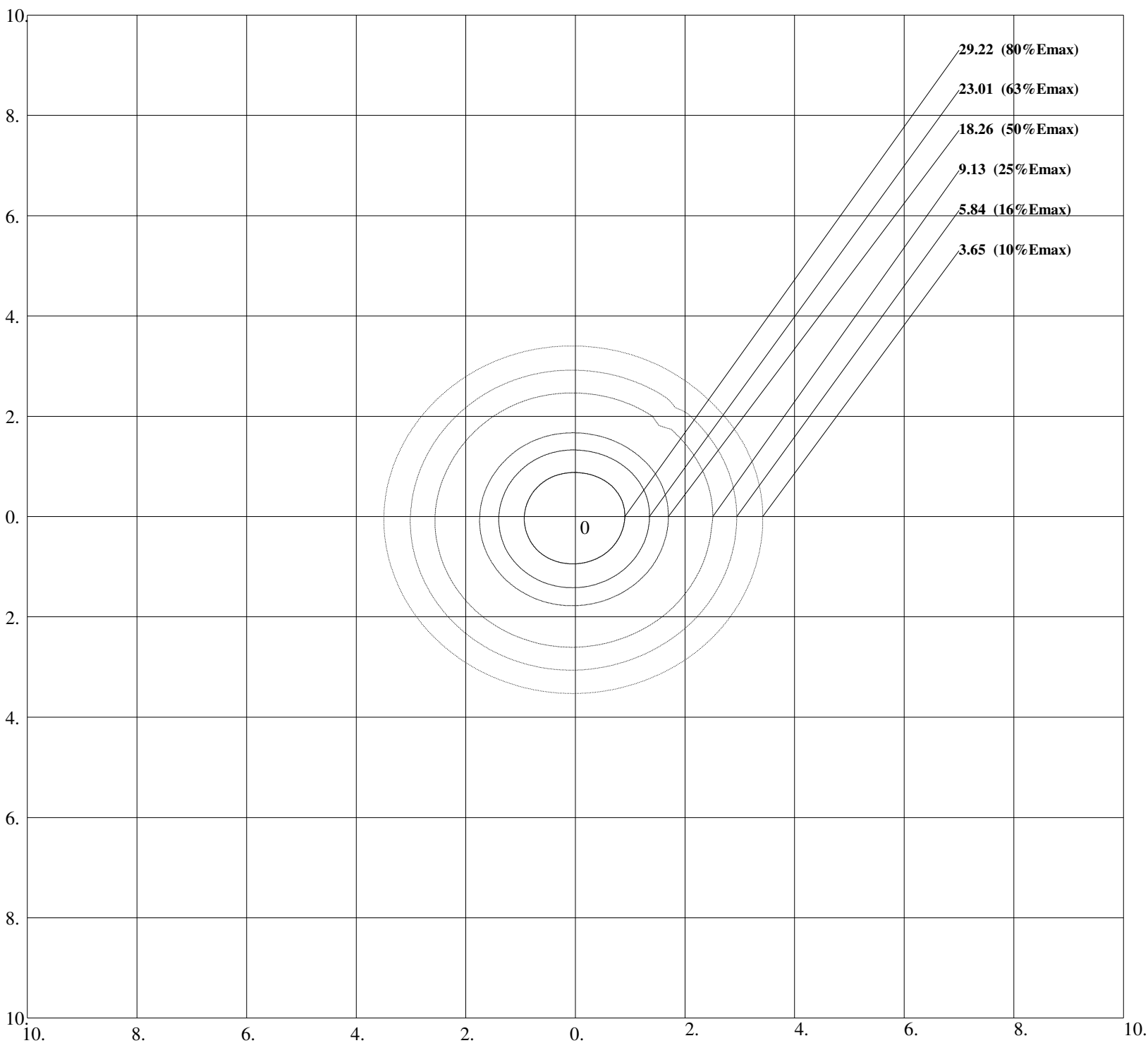
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8723



RP Lighting + Fans

Iso-Lux [Unit :lx] 8723



Units: lx
Height: 3 m
Max Illuminance : 36.52lx

RP Lighting + Fans

Lux-Distance Curve

