

Test Report of Luminaire

Report No.:

Luminaire Type	4333		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 3081K, CRI: 82.8Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.128
Power:	15.1	Power Factor	0.978
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	931.99 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	301.607cd	Central Intensity	301.607cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.01%		
Downward Flux Ratio	-93198.67%		
50%Imax Beam Width	C0_180[57.9 , -56.0] C90_270[55.7 , -56.6]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4333

C\G	0	5	10	15	20	25	30	35	40	45
0	301.6	300.4	296.1	289.2	279.3	267.7	254.1	238.6	221.6	203.1
5	301.6	300.5	296.1	288.9	279.3	267.7	253.9	238.4	221.3	202.8
10	301.6	300.4	296.1	289.0	279.4	267.6	253.7	238.1	220.9	202.3
15	301.6	300.3	295.9	288.9	279.3	267.4	253.4	237.7	220.4	201.6
20	301.6	300.4	295.9	288.8	279.1	267.2	253.0	237.3	219.9	200.9
25	301.6	300.3	295.8	288.8	279.0	267.0	252.8	237.1	219.2	200.2
30	301.6	300.2	295.8	288.6	279.0	266.7	252.4	236.2	218.7	199.6
35	301.6	300.2	295.7	288.6	278.7	266.5	252.0	235.9	218.1	199.0
40	301.6	300.1	295.7	288.4	278.5	266.2	251.7	235.5	217.7	198.6
45	301.6	300.0	295.5	288.3	278.2	265.9	251.4	235.2	217.2	198.1
50	301.6	300.0	295.4	288.1	278.0	265.7	251.1	234.8	216.9	197.8
55	301.6	299.9	295.3	287.8	277.8	265.4	250.8	234.5	216.6	197.4
60	301.6	299.8	295.1	287.8	277.6	265.1	250.5	234.2	216.3	197.1
65	301.6	299.7	295.0	287.5	277.3	264.9	250.2	233.8	215.9	196.7
70	301.6	299.7	294.9	287.4	277.1	264.7	249.9	233.5	215.6	196.3
75	301.6	299.6	294.8	287.1	276.8	264.4	249.6	233.2	215.3	195.9
80	301.6	299.4	294.6	286.9	276.6	264.0	249.2	233.2	214.9	195.6
85	301.6	299.4	294.3	286.7	276.2	263.7	248.9	232.5	214.6	195.3
90	301.6	299.2	294.3	286.4	276.1	263.4	248.6	232.2	214.2	194.9
95	301.6	299.2	294.1	286.2	275.7	263.0	248.2	231.8	213.8	194.5
100	301.6	299.1	294.0	286.0	275.6	262.7	247.9	231.3	213.3	194.2
105	301.6	299.1	293.8	285.7	275.2	262.3	247.5	231.0	213.1	193.8
110	301.6	299.0	293.7	285.5	275.0	262.1	247.3	230.7	212.7	193.6
115	301.6	298.8	293.5	285.3	274.6	261.8	246.9	230.4	212.6	193.3
120	301.6	298.8	293.5	285.1	274.5	261.5	246.7	230.2	212.3	193.1
125	301.6	298.7	293.3	285.0	274.2	261.3	246.5	229.9	212.2	193.0
130	301.6	298.7	293.2	284.8	274.1	261.1	246.3	229.9	212.1	193.0
135	301.6	298.6	293.0	284.7	273.9	261.0	246.3	229.9	212.1	193.0
140	301.6	298.5	292.9	284.5	273.7	261.0	246.3	229.9	212.2	193.1
145	301.6	298.5	292.8	284.4	273.6	260.9	246.3	230.0	212.3	193.2
150	301.6	298.4	292.7	284.2	273.5	260.8	246.3	230.2	212.5	193.4
155	301.6	298.3	292.7	284.1	273.5	260.9	246.5	230.3	212.7	193.7
160	301.6	298.3	292.5	284.2	273.4	260.8	246.5	230.6	213.0	194.0
165	301.6	298.3	292.5	284.1	273.5	261.0	246.7	230.8	213.2	194.3
170	301.6	298.2	292.4	284.1	273.5	261.0	246.8	230.9	213.5	194.6
175	301.6	298.3	292.3	284.0	273.4	261.0	246.9	231.1	213.7	194.9
180	301.6	298.2	292.3	284.1	273.4	261.0	246.9	231.1	213.8	195.0
185	301.6	298.2	292.3	284.0	273.4	261.0	246.9	231.1	213.8	195.1
190	301.6	298.2	292.5	284.0	273.4	261.1	246.9	231.1	213.7	195.0
195	301.6	298.2	292.4	284.2	273.5	260.9	246.8	231.0	213.6	194.9
200	301.6	298.3	292.6	284.2	273.6	261.0	246.8	231.1	213.6	194.7
205	301.6	298.3	292.5	284.3	273.6	261.0	246.9	231.1	213.4	194.6
210	301.6	298.3	292.6	284.3	273.8	261.3	247.0	231.1	213.4	194.4
215	301.6	298.3	292.6	284.4	274.0	261.4	247.2	231.1	213.4	194.4
220	301.6	298.4	292.8	284.7	274.1	261.5	247.3	231.2	213.6	194.5
225	301.6	298.4	292.9	284.8	274.4	261.9	247.6	231.6	213.9	194.8
230	301.6	298.4	293.0	285.0	274.6	262.2	248.0	231.8	214.3	195.2
235	301.6	298.5	293.1	285.3	274.9	262.7	248.4	232.4	214.7	195.5

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Photometric Data Table [Unit:cd] 4333

240	301.6	298.6	293.3	285.5	275.3	263.0	248.9	232.9	215.3	196.0
245	301.6	298.7	293.4	285.7	275.6	263.4	249.3	233.6	215.8	196.6
250	301.6	298.8	293.5	286.0	275.9	263.9	249.9	234.1	216.4	197.2
255	301.6	298.9	293.9	286.3	276.2	264.3	250.4	234.8	217.0	197.8
260	301.6	298.9	293.9	286.6	276.6	264.7	250.9	235.3	217.7	198.4
265	301.6	299.0	294.1	286.8	276.9	265.1	251.4	235.9	218.3	199.1
270	301.6	299.1	294.2	287.0	277.2	265.4	251.9	236.3	218.7	199.6
275	301.6	299.1	294.4	287.2	277.5	265.7	252.2	236.7	219.2	200.2
280	301.6	299.2	294.6	287.4	277.7	266.1	252.5	237.0	219.6	200.7
285	301.6	299.3	294.6	287.7	277.9	266.3	252.7	237.2	219.9	201.0
290	301.6	299.3	294.7	287.8	278.1	266.5	252.8	237.3	220.1	201.2
295	301.6	299.4	294.8	287.9	278.2	266.5	253.0	237.5	220.2	201.3
300	301.6	299.5	295.0	288.0	278.4	266.6	252.9	237.4	220.2	201.4
305	301.6	299.5	295.1	288.2	278.5	266.7	253.0	237.5	220.1	201.4
310	301.6	299.6	295.1	288.3	278.5	266.8	253.1	237.5	220.2	201.4
315	301.6	299.5	295.2	288.3	278.6	266.8	253.0	237.6	220.2	201.4
320	301.6	299.7	295.2	288.4	278.8	266.9	253.1	237.6	220.3	201.5
325	301.6	299.7	295.4	288.4	278.8	267.0	253.2	237.7	220.4	201.8
330	301.6	299.7	295.5	288.6	278.9	267.1	253.4	237.9	220.6	202.0
335	301.6	299.8	295.5	288.6	279.0	267.1	253.4	238.0	220.9	202.3
340	301.6	299.8	295.5	288.6	279.1	267.3	253.6	238.3	221.1	202.7
345	301.6	299.8	295.6	288.7	279.1	267.4	253.8	238.5	221.4	203.0
350	301.6	299.8	295.6	288.6	279.2	267.5	253.8	238.6	221.5	203.2
355	301.6	299.8	295.5	288.5	279.2	267.6	253.9	238.6	221.6	203.2
360	301.6	300.4	296.1	289.2	279.3	267.7	254.1	238.6	221.6	203.1

C\G	50	55	60	65	70	75	80	85	90
0	183.2	162.7	142.1	121.9	102.8	85.5	70.0	56.8	45.6
5	183.0	162.4	141.7	121.6	102.6	85.3	70.0	56.7	45.6
10	182.4	161.8	141.2	121.2	102.2	85.0	69.7	56.6	45.5
15	181.7	161.0	140.5	120.5	101.7	84.6	69.5	56.4	45.4
20	181.0	160.3	139.8	119.8	101.2	84.2	69.2	56.3	45.4
25	180.2	159.5	139.0	119.2	100.7	83.8	68.9	56.1	45.3
30	179.5	158.8	138.3	118.6	100.2	83.4	68.7	55.9	45.2
35	178.8	158.1	137.7	118.1	99.8	83.1	68.5	55.8	45.1
40	178.3	157.6	137.2	117.6	99.4	82.9	68.3	55.7	45.0
45	177.9	157.2	136.9	117.3	99.1	82.6	68.1	55.6	44.9
50	177.5	156.8	136.5	116.9	98.8	82.4	68.0	55.4	44.8
55	177.1	156.5	136.2	116.6	98.5	82.1	67.8	55.3	44.7
60	176.9	156.1	135.7	116.3	98.1	81.9	67.6	55.1	44.5
65	176.4	155.7	135.4	115.9	97.8	81.5	67.3	54.9	44.3
70	176.0	155.3	135.0	115.5	97.4	81.2	67.0	54.6	44.1
75	175.7	154.9	134.5	115.0	97.1	80.9	66.7	54.3	43.9
80	175.3	154.5	134.1	114.6	96.6	80.5	66.4	54.1	43.7
85	174.9	154.1	133.7	114.3	96.3	80.2	66.1	53.9	43.5
90	174.5	153.8	133.4	113.9	96.0	79.9	65.9	53.7	43.4
95	174.2	153.4	133.0	113.6	95.8	79.8	65.8	53.5	43.3
100	173.8	153.1	132.8	113.4	95.6	79.6	65.6	53.4	43.1

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105	173.6	152.8	132.5	113.2	95.5	79.6	65.6	53.3	43.1
110	173.3	152.6	132.4	113.2	95.5	79.5	65.6	53.3	43.0
115	173.1	152.4	132.3	113.1	95.5	79.6	65.5	53.3	43.0
120	172.9	152.4	132.2	113.1	95.5	79.6	65.6	53.3	43.0
125	172.8	152.3	132.2	113.2	95.6	79.7	65.6	53.3	43.0
130	172.8	152.3	132.2	113.2	95.6	79.7	65.7	53.3	43.0
135	172.8	152.3	132.3	113.3	95.7	79.8	65.7	53.3	42.9
140	172.9	152.4	132.4	113.4	95.7	79.9	65.7	53.3	42.9
145	173.0	152.6	132.6	113.5	95.9	79.9	65.7	53.3	42.9
150	173.3	152.8	132.8	113.8	96.1	80.1	65.8	53.3	42.8
155	173.6	153.2	133.2	114.0	96.4	80.2	65.9	53.3	42.8
160	174.0	153.5	133.5	114.4	96.6	80.3	66.0	53.4	42.8
165	174.4	153.9	133.9	114.6	96.8	80.5	66.1	53.4	42.8
170	174.7	154.3	134.2	114.9	97.0	80.7	66.2	53.5	42.8
175	174.9	154.6	134.5	115.2	97.2	80.9	66.3	53.5	42.9
180	175.1	154.7	134.6	115.3	97.3	80.9	66.3	53.5	42.8
185	175.2	154.7	134.6	115.3	97.3	80.9	66.3	53.5	42.8
190	175.0	154.6	134.5	115.1	97.2	80.8	66.2	53.5	42.8
195	174.9	154.4	134.3	115.0	96.9	80.7	66.1	53.4	42.8
200	174.7	154.2	134.0	114.7	96.8	80.4	65.9	53.3	42.7
205	174.5	154.0	133.8	114.5	96.5	80.2	65.8	53.2	42.7
210	174.4	153.8	133.6	114.3	96.3	80.1	65.7	53.1	42.6
215	174.2	153.6	133.4	114.1	96.1	79.9	65.6	53.1	42.6
220	174.3	153.6	133.4	114.0	96.0	79.8	65.6	53.0	42.6
225	174.4	153.8	133.4	114.0	96.0	79.8	65.5	52.9	42.5
230	174.8	153.9	133.6	114.1	96.0	79.8	65.5	52.9	42.5
235	175.2	154.2	133.7	114.2	96.1	79.8	65.6	52.9	42.5
240	175.6	154.6	134.0	114.3	96.1	79.8	65.5	52.8	42.4
245	176.1	155.0	134.3	114.5	96.2	79.7	65.4	52.8	42.3
250	176.6	155.4	134.7	114.7	96.3	79.8	65.4	52.8	42.3
255	177.2	156.0	135.0	114.9	96.4	79.8	65.3	52.7	42.3
260	177.8	156.5	135.4	115.2	96.6	79.9	65.4	52.8	42.3
265	178.4	157.1	135.9	115.5	96.8	80.0	65.4	52.8	42.4
270	179.0	157.6	136.3	115.9	97.0	80.2	65.5	52.9	42.4
275	179.6	158.2	136.8	116.3	97.4	80.5	65.7	53.1	42.5
280	180.0	158.7	137.3	116.8	97.8	80.8	66.0	53.2	42.7
285	180.4	159.1	137.8	117.3	98.2	81.2	66.3	53.5	42.9
290	180.8	159.5	138.3	117.7	98.7	81.6	66.7	53.8	43.1
295	181.0	159.8	138.6	118.2	99.1	81.9	67.0	54.1	43.4
300	181.1	160.1	138.9	118.6	99.5	82.3	67.3	54.4	43.6
305	181.1	160.2	139.2	118.8	99.8	82.6	67.7	54.6	43.8
310	181.2	160.3	139.4	119.1	100.1	82.9	67.9	54.9	44.0
315	181.3	160.5	139.6	119.3	100.4	83.2	68.1	55.2	44.2
320	181.5	160.7	139.9	119.6	100.7	83.5	68.4	55.4	44.4
325	181.8	161.0	140.2	120.0	101.0	83.7	68.6	55.6	44.6
330	182.2	161.4	140.6	120.4	101.4	84.1	68.9	55.8	44.8
335	182.6	161.8	141.0	120.8	101.8	84.4	69.2	56.0	45.0
340	183.0	162.2	141.5	121.2	102.1	84.8	69.5	56.2	45.1
345	183.3	162.6	141.9	121.6	102.5	85.1	69.7	56.4	45.3

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Photometric Data Table [Unit:cd] 4333

350	183.4	162.8	142.1	121.9	102.7	85.3	69.9	56.6	45.4
355	183.5	162.9	142.2	122.0	102.8	85.4	70.0	56.7	45.5
360	183.2	162.7	142.1	121.9	102.8	85.5	70.0	56.8	45.6

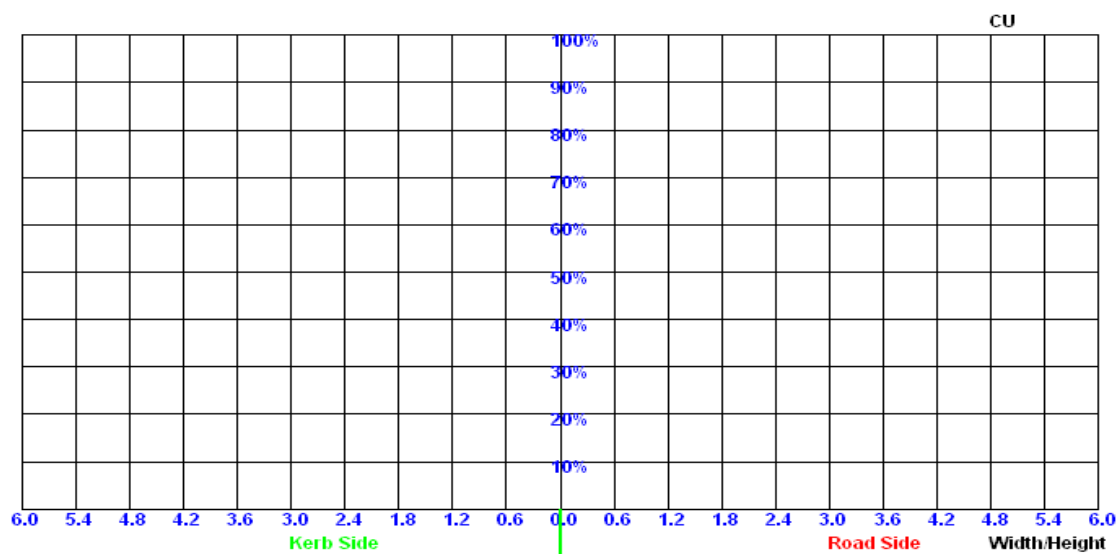
RP Lighting + Fans

Zonal Flux 4333

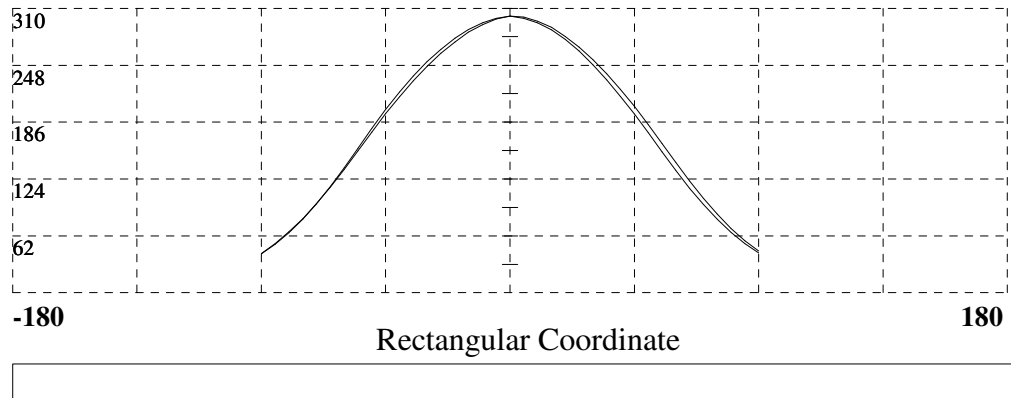
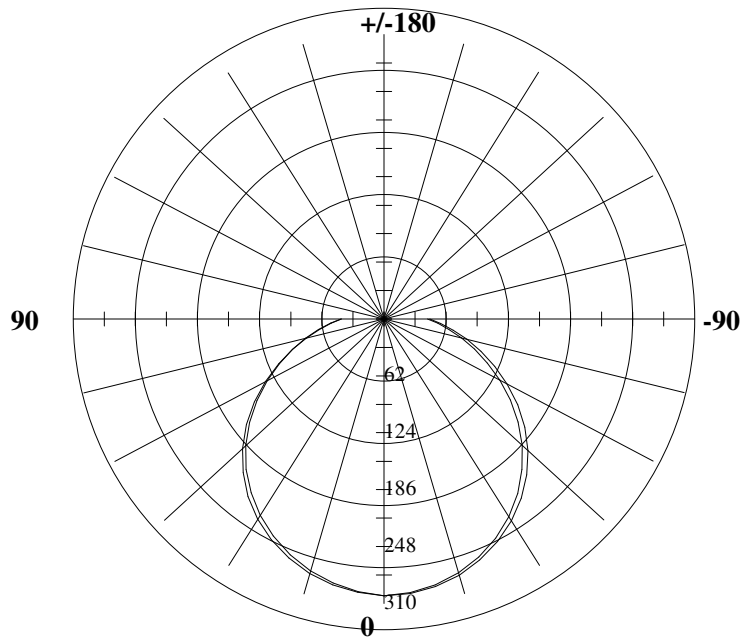
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	301.61	0.00	0.00	0.00	0.00
5	299.18	7.18	7.18	-718.23	-718.23
10	294.17	21.23	28.41	-2122.63	-2840.86
15	286.55	34.45	62.86	-3444.79	-6285.65
20	276.40	46.39	109.25	-4639.49	-10925.14
25	264.14	56.69	165.94	-5669.32	-16594.46
30	249.95	65.06	231.00	-6505.90	-23100.37
35	234.03	71.27	302.27	-7126.93	-30227.30
40	216.45	75.16	377.43	-7515.90	-37743.20
45	197.48	76.64	454.08	-7664.30	-45407.52
50	177.30	75.73	529.81	-7573.03	-52980.55
55	156.55	72.59	602.40	-7259.01	-60239.58
60	136.05	67.63	670.03	-6763.34	-67002.92
65	116.34	61.36	731.39	-6135.75	-73138.67
70	98.03	54.28	785.67	-5428.08	-78566.74
75	81.48	46.92	832.59	-4692.12	-83258.86
80	66.90	39.70	872.29	-3970.23	-87229.10
85	54.23	32.91	905.20	-3291.26	-90520.36
90	43.59	26.78	931.99	-2678.28	-93198.63

RP Lighting + Fans

Coefficient Utilization Curve 4333

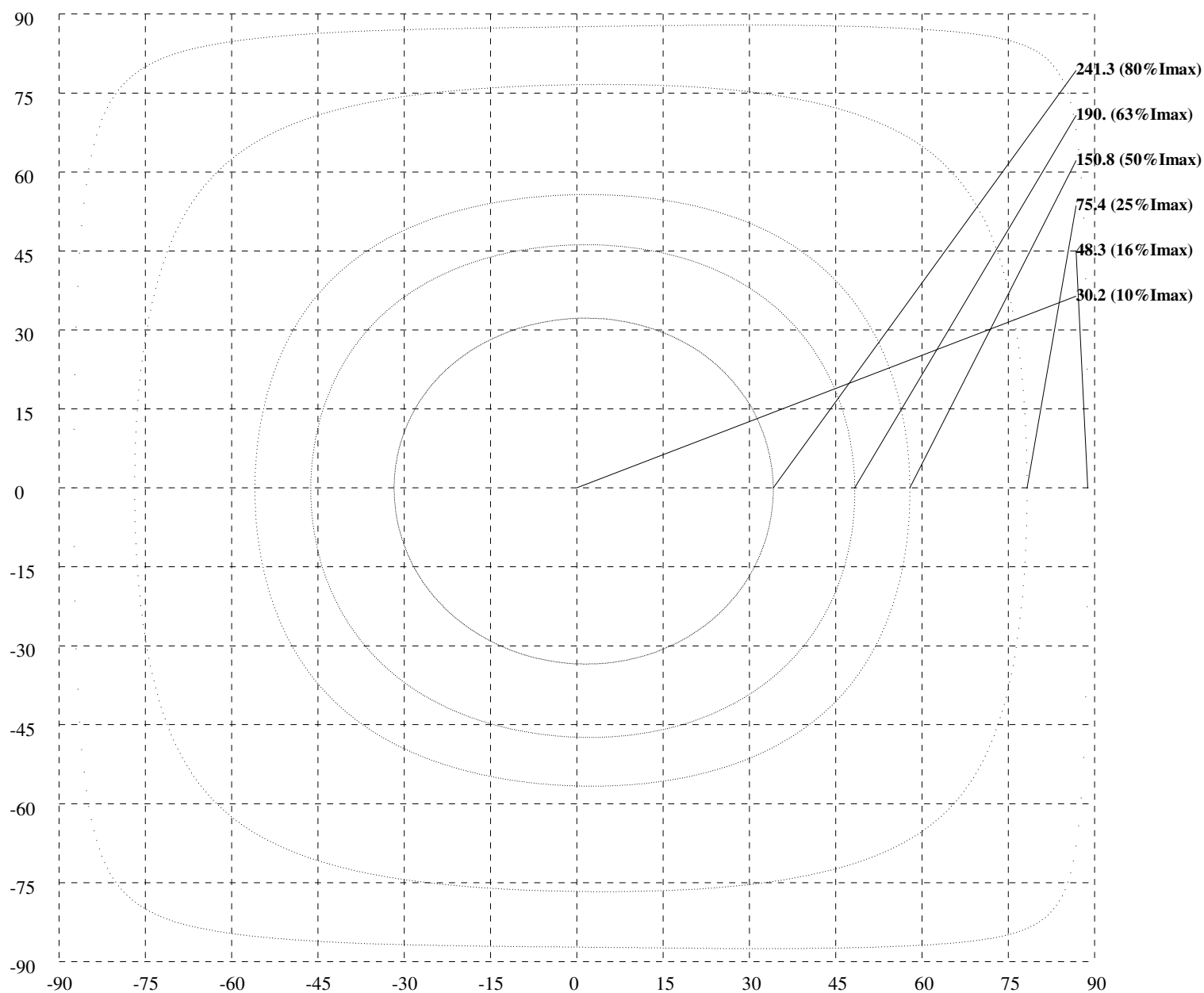


Light Distribution Curve[Unit: cd]



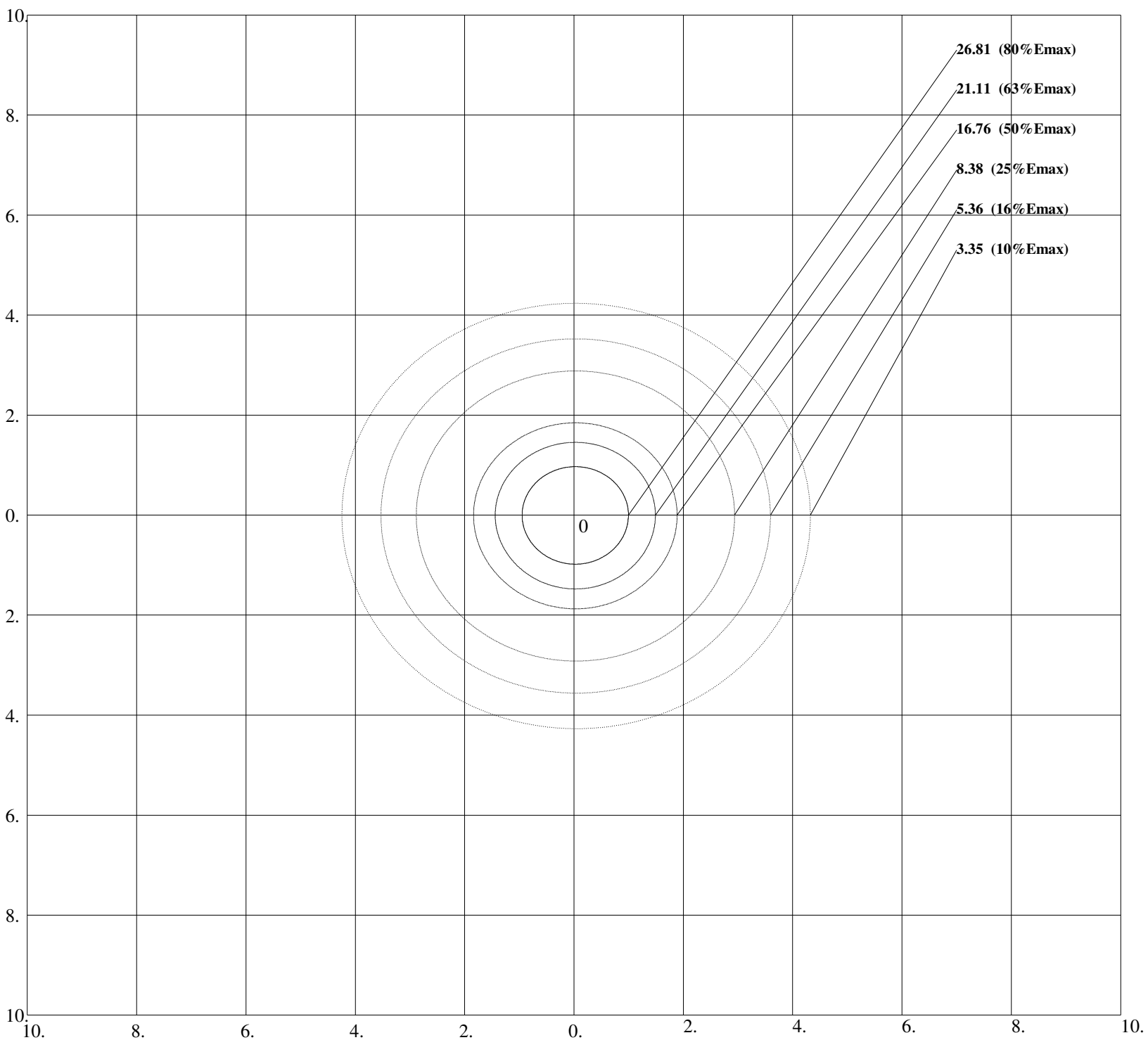
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 4333



RP Lighting + Fans

Iso-Lux [Unit :lx] 4333



Units: lx
Height: 3 m
Max Illuminance : 33.51lx

RP Lighting + Fans

Lux-Distance Curve

