

Test Report of Luminaire

Report No.:

Luminaire Type	8041-15-30		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 3046K, CRI: 81.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.127
Power:	15.1	Power Factor	0.990
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1017.37 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	808.78cd	Central Intensity	719.086cd
Angle of Max Intensity:	C:180 G:20		
Upward Flux Ratio	0.01%		
Downward Flux Ratio	-101737.4%		
50%Imax Beam Width	C0_180[34.7 , -33.8] C90_270[34.2 , -34.4]		
Remark			

Luminaire Figure


RP Lighting + Fans

Photometric Data Table [Unit:cd] 8041-15-30

C\G	0	5	10	15	20	25	30	35	40	45
0	719.1	707.3	720.0	752.0	783.1	789.1	697.6	386.9	200.6	109.1
5	719.1	707.3	720.3	752.4	783.7	788.4	697.6	386.9	200.3	108.4
10	719.1	707.3	720.3	753.4	784.4	788.4	698.3	386.5	199.6	107.4
15	719.1	708.0	720.7	753.7	784.7	789.4	699.6	386.9	198.9	106.2
20	719.1	708.3	720.7	754.4	785.1	792.1	700.6	386.5	197.9	105.1
25	719.1	708.6	721.0	753.7	786.1	794.1	701.0	385.9	196.6	104.0
30	719.1	709.0	721.0	752.4	786.4	797.1	702.0	384.2	195.3	103.1
35	719.1	709.3	720.3	751.0	785.4	798.8	702.3	382.9	194.6	102.5
40	719.1	709.6	719.7	750.4	785.7	801.1	701.3	381.5	193.6	102.2
45	719.1	709.3	719.7	750.4	787.4	802.8	701.0	380.5	192.9	102.2
50	719.1	709.6	720.0	751.7	788.4	803.8	699.6	379.2	192.6	102.3
55	719.1	710.3	721.0	753.0	788.1	804.4	696.3	377.2	191.9	102.5
60	719.1	711.0	722.0	754.7	788.4	804.1	693.0	374.2	191.3	102.6
65	719.1	711.6	723.0	755.4	789.1	803.1	688.3	370.5	190.3	102.4
70	719.1	712.3	723.7	756.0	790.1	802.8	683.9	366.8	188.9	102.0
75	719.1	713.3	724.7	757.0	790.8	800.8	679.3	362.8	187.3	101.6
80	719.1	714.0	725.7	758.4	791.8	798.8	674.9	359.5	186.3	101.1
85	719.1	714.7	726.3	760.4	793.4	796.4	670.3	356.8	185.3	100.8
90	719.1	715.3	727.7	762.4	795.1	795.1	664.6	354.2	184.6	100.5
95	719.1	715.7	729.0	764.7	796.8	794.1	660.6	351.8	183.9	100.5
100	719.1	716.0	730.0	766.1	797.4	791.8	656.2	349.5	183.9	100.5
105	719.1	716.7	731.0	766.7	797.4	789.8	652.6	347.8	183.6	100.7
110	719.1	717.0	732.3	767.1	797.1	787.8	648.2	345.8	183.6	101.0
115	719.1	717.3	732.7	766.7	796.8	787.1	645.2	344.1	183.6	101.5
120	719.1	717.3	732.3	765.4	795.8	785.7	641.2	342.8	184.3	101.9
125	719.1	718.0	732.7	765.4	793.8	785.4	638.5	341.1	184.3	102.3
130	719.1	718.0	733.0	765.4	793.8	785.4	635.5	340.5	184.6	102.5
135	719.1	718.3	733.3	766.4	794.4	785.1	634.2	339.8	184.6	102.5
140	719.1	718.3	733.3	767.1	796.1	785.7	632.5	339.1	184.3	102.5
145	719.1	717.7	733.3	768.4	797.4	787.4	631.5	338.8	184.6	102.4
150	719.1	717.3	733.7	769.7	799.1	788.4	629.9	338.5	184.6	102.4
155	719.1	717.3	734.0	771.1	801.4	789.1	629.2	338.5	185.3	102.4
160	719.1	717.0	734.7	772.1	804.4	789.4	629.2	338.1	185.3	102.4
165	719.1	717.3	735.3	772.7	806.4	790.1	628.5	337.5	185.6	102.4
170	719.1	717.3	736.0	773.7	807.4	790.1	627.9	337.1	185.6	102.4
175	719.1	717.3	736.0	774.7	808.1	788.8	627.2	336.8	185.9	102.4
180	719.1	717.3	735.7	775.4	808.8	787.4	626.2	336.5	185.9	102.4
185	719.1	717.0	736.3	776.4	808.8	786.7	625.5	336.1	185.9	102.4
190	719.1	717.0	736.7	776.4	807.4	784.4	624.2	335.8	186.3	102.4
195	719.1	717.0	737.0	776.4	806.1	783.1	622.9	335.1	185.9	102.4
200	719.1	716.7	737.0	776.1	805.1	780.7	621.5	334.5	185.6	102.3
205	719.1	716.3	736.3	775.1	803.4	779.4	620.9	334.5	185.3	102.3
210	719.1	716.3	735.0	774.1	802.1	779.1	621.2	334.5	185.6	102.4
215	719.1	716.0	734.0	773.1	801.1	779.7	621.9	335.5	185.9	102.6
220	719.1	715.7	733.7	772.1	801.1	781.1	624.2	337.1	186.6	103.1
225	719.1	715.3	733.3	771.1	800.4	783.4	628.9	340.1	187.6	103.6
230	719.1	715.0	732.7	770.7	800.4	787.1	633.9	343.1	189.3	104.4
235	719.1	714.7	732.3	769.7	801.1	791.1	639.5	347.1	190.6	105.2

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8041-15-30

240	719.1	714.0	732.7	768.7	801.1	793.8	645.9	351.2	192.6	106.0
245	719.1	714.0	732.3	768.4	801.8	796.4	651.9	354.8	193.9	106.7
250	719.1	714.0	732.0	768.1	801.4	797.8	656.2	357.5	194.9	107.1
255	719.1	713.6	732.0	768.1	801.1	797.8	660.2	359.8	195.6	107.5
260	719.1	713.6	731.3	767.4	800.4	797.1	663.2	362.2	196.6	107.9
265	719.1	713.6	731.0	767.1	799.4	796.4	666.6	364.2	197.3	108.3
270	719.1	713.0	731.0	766.4	799.4	795.4	669.6	366.5	197.9	108.7
275	719.1	713.0	731.3	766.7	798.8	795.1	671.6	368.8	198.6	109.3
280	719.1	713.3	731.7	765.7	797.1	794.1	674.6	370.8	199.6	110.0
285	719.1	713.3	731.7	765.7	796.1	792.4	675.9	372.8	200.6	110.7
290	719.1	713.0	731.0	765.1	795.4	792.8	678.9	374.8	201.6	111.6
295	719.1	712.6	729.7	763.4	793.8	791.8	680.6	376.9	202.6	112.3
300	719.1	712.3	728.0	762.0	791.1	790.4	681.6	378.9	203.3	113.1
305	719.1	711.6	726.3	759.7	789.1	791.1	684.3	380.5	203.9	113.5
310	719.1	710.6	725.0	758.0	788.4	791.1	685.6	382.5	203.6	113.7
315	719.1	709.3	724.0	757.0	787.1	791.1	688.6	384.2	203.6	113.5
320	719.1	708.3	722.7	756.4	785.4	793.4	691.6	385.2	202.9	113.1
325	719.1	707.3	722.0	755.4	784.7	794.4	692.6	386.2	202.3	112.5
330	719.1	707.3	721.0	754.4	785.1	793.8	695.6	386.5	201.6	112.0
335	719.1	707.0	720.7	753.4	785.1	793.4	697.3	386.9	201.3	111.5
340	719.1	707.0	720.3	752.7	784.7	793.8	697.3	387.2	200.9	111.1
345	719.1	707.0	720.0	752.0	784.1	792.8	697.0	387.2	200.9	110.7
350	719.1	707.3	720.0	751.4	783.7	790.8	698.0	386.9	200.9	110.3
355	719.1	707.3	719.7	751.0	783.4	790.1	697.3	386.9	200.9	109.8
360	719.1	707.3	720.0	752.0	783.1	789.1	697.6	386.9	200.6	109.1

C\G	50	55	60	65	70	75	80	85	90
0	63.8	36.1	18.7	9.2	5.3	3.3	2.0	1.2	0.7
5	63.1	35.7	18.4	9.0	5.2	3.3	2.0	1.2	0.7
10	62.3	35.1	18.0	8.8	5.1	3.2	2.0	1.2	0.7
15	61.4	34.5	17.7	8.6	5.0	3.1	2.0	1.2	0.7
20	60.5	34.1	17.4	8.5	5.0	3.1	2.0	1.2	0.7
25	59.7	33.6	17.2	8.4	4.9	3.1	1.9	1.2	0.6
30	59.1	33.3	17.0	8.3	4.9	3.1	1.9	1.1	0.6
35	58.7	33.0	16.9	8.3	4.9	3.0	1.9	1.1	0.7
40	58.4	32.9	16.9	8.3	4.9	3.0	1.9	1.1	0.7
45	58.5	32.9	16.9	8.3	4.9	3.1	1.9	1.1	0.7
50	58.6	33.0	17.0	8.4	5.0	3.1	1.9	1.1	0.7
55	58.9	33.1	17.2	8.5	5.0	3.1	1.9	1.1	0.7
60	59.1	33.3	17.3	8.6	5.1	3.1	2.0	1.1	0.7
65	59.2	33.5	17.5	8.8	5.1	3.2	1.9	1.1	0.7
70	59.2	33.5	17.6	8.9	5.2	3.2	2.0	1.1	0.7
75	59.1	33.6	17.6	9.0	5.3	3.2	2.0	1.1	0.7
80	59.0	33.5	17.7	9.1	5.3	3.3	2.0	1.1	0.7
85	58.9	33.5	17.8	9.2	5.4	3.3	2.0	1.1	0.7
90	58.8	33.6	17.9	9.3	5.4	3.3	2.0	1.1	0.6
95	58.8	33.6	17.9	9.4	5.5	3.3	2.0	1.1	0.7
100	58.9	33.7	18.0	9.5	5.5	3.3	2.0	1.1	0.7

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8041-15-30

105	59.1	33.8	18.2	9.6	5.6	3.4	2.0	1.1	0.7
110	59.4	34.0	18.4	9.7	5.7	3.4	2.1	1.1	0.7
115	59.7	34.2	18.5	9.8	5.7	3.5	2.1	1.1	0.7
120	60.0	34.4	18.6	9.9	5.7	3.5	2.1	1.1	0.7
125	60.3	34.5	18.7	9.9	5.8	3.5	2.1	1.1	0.7
130	60.3	34.6	18.7	9.9	5.8	3.5	2.1	1.1	0.7
135	60.3	34.5	18.6	9.9	5.7	3.5	2.0	1.1	0.7
140	60.2	34.4	18.5	9.8	5.7	3.4	2.1	1.1	0.7
145	60.1	34.3	18.4	9.7	5.6	3.4	2.0	1.1	0.7
150	59.9	34.1	18.2	9.6	5.6	3.4	2.0	1.1	0.7
155	59.8	33.9	18.1	9.5	5.5	3.3	2.0	1.1	0.7
160	59.6	33.7	17.9	9.4	5.5	3.3	2.0	1.1	0.7
165	59.5	33.6	17.8	9.3	5.4	3.2	1.9	1.1	0.7
170	59.3	33.5	17.7	9.2	5.3	3.2	1.9	1.0	0.7
175	59.2	33.4	17.6	9.2	5.3	3.2	1.9	1.1	0.6
180	59.2	33.3	17.6	9.1	5.2	3.2	1.9	1.0	0.7
185	59.2	33.2	17.5	9.1	5.2	3.1	1.9	1.0	0.7
190	59.2	33.2	17.6	9.1	5.2	3.1	1.9	1.1	0.7
195	59.2	33.2	17.6	9.1	5.2	3.1	1.9	1.1	0.7
200	59.2	33.3	17.6	9.1	5.2	3.1	1.9	1.0	0.7
205	59.3	33.4	17.7	9.1	5.2	3.1	1.9	1.0	0.7
210	59.3	33.5	17.8	9.2	5.2	3.1	1.9	1.0	0.7
215	59.5	33.6	17.9	9.2	5.3	3.1	1.9	1.1	0.7
220	59.8	33.8	18.0	9.3	5.3	3.1	1.9	1.1	0.7
225	60.2	34.1	18.2	9.4	5.3	3.2	1.9	1.1	0.6
230	60.7	34.3	18.3	9.5	5.4	3.2	1.9	1.1	0.7
235	61.2	34.5	18.5	9.6	5.5	3.2	1.9	1.1	0.7
240	61.6	34.8	18.7	9.6	5.5	3.2	1.9	1.1	0.7
245	62.0	35.0	18.8	9.7	5.6	3.2	1.9	1.1	0.7
250	62.3	35.2	18.9	9.8	5.6	3.3	2.0	1.1	0.7
255	62.6	35.4	19.0	9.9	5.7	3.3	2.0	1.1	0.7
260	62.8	35.7	19.2	10.0	5.7	3.4	2.0	1.2	0.7
265	63.1	35.9	19.4	10.1	5.8	3.4	2.0	1.2	0.7
270	63.4	36.2	19.6	10.2	5.8	3.5	2.0	1.2	0.7
275	63.8	36.5	19.8	10.3	5.9	3.5	2.1	1.2	0.7
280	64.4	36.9	20.0	10.4	6.0	3.5	2.1	1.2	0.7
285	64.9	37.3	20.2	10.5	6.0	3.6	2.1	1.2	0.7
290	65.6	37.7	20.5	10.7	6.1	3.6	2.2	1.2	0.7
295	66.2	38.2	20.7	10.8	6.2	3.7	2.2	1.2	0.7
300	66.8	38.5	20.9	10.9	6.2	3.7	2.2	1.2	0.7
305	67.2	38.9	21.0	10.9	6.3	3.7	2.2	1.2	0.7
310	67.4	39.1	21.1	10.9	6.3	3.7	2.2	1.2	0.7
315	67.5	39.0	21.0	10.8	6.2	3.8	2.2	1.2	0.7
320	67.2	38.9	20.9	10.7	6.2	3.7	2.2	1.2	0.7
325	66.9	38.7	20.7	10.5	6.1	3.7	2.2	1.2	0.7
330	66.6	38.4	20.5	10.3	6.0	3.6	2.2	1.2	0.7
335	66.2	38.1	20.2	10.1	5.9	3.6	2.2	1.2	0.7
340	65.8	37.8	19.9	10.0	5.7	3.5	2.1	1.2	0.7
345	65.4	37.5	19.7	9.8	5.7	3.5	2.1	1.2	0.7

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8041-15-30

350	65.0	37.1	19.4	9.6	5.6	3.4	2.1	1.2	0.6
355	64.5	36.7	19.1	9.4	5.5	3.3	2.0	1.2	0.7
360	63.8	36.1	18.7	9.2	5.3	3.3	2.0	1.2	0.7

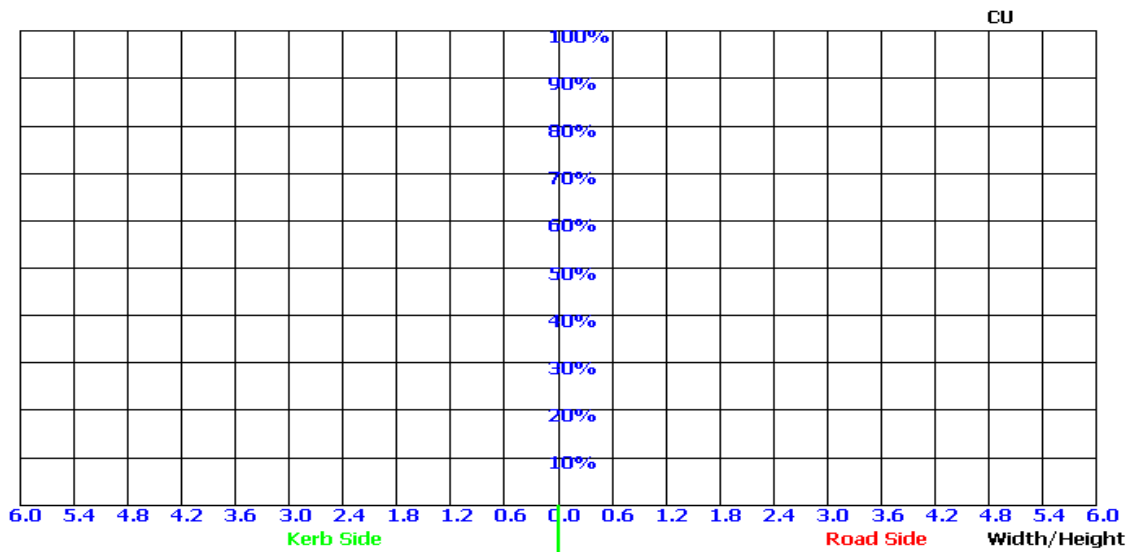
RP Lighting + Fans

Zonal Flux 8041-15-30

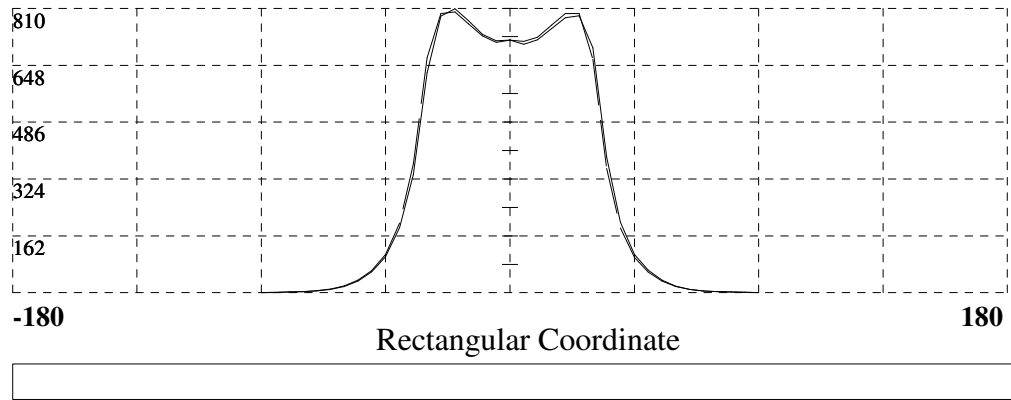
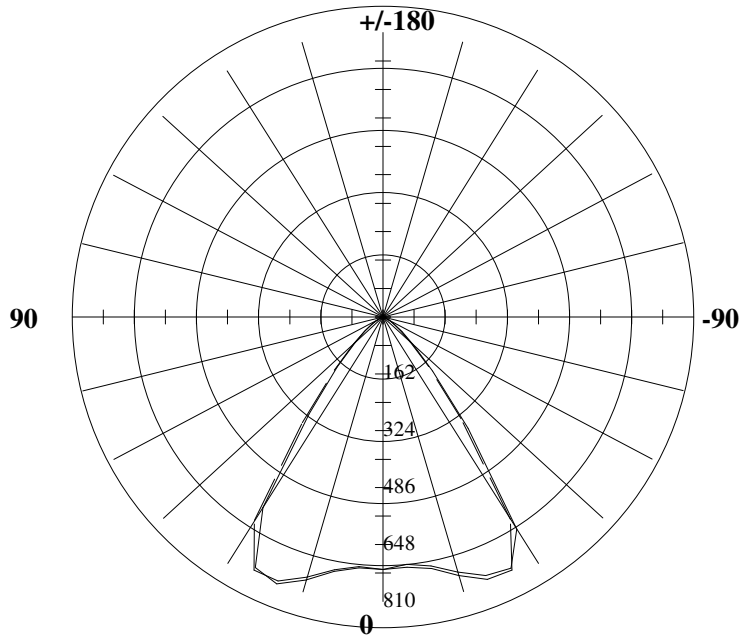
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	719.09	0.00	0.00	0.00	0.00
5	713.16	17.12	17.12	-1712.21	-1712.21
10	728.44	51.57	68.69	-5157.08	-6869.29
15	763.15	88.48	157.17	-8848.02	-15717.30
20	794.65	128.38	285.56	-12838.44	-28555.75
25	791.69	166.38	451.94	-16637.80	-45193.54
30	664.06	184.23	636.16	-18422.69	-63616.24
35	361.21	150.98	787.14	-15097.79	-78714.04
40	192.29	92.35	879.49	-9234.62	-87948.68
45	105.35	55.11	934.60	-5511.04	-93459.71
50	61.47	33.71	968.31	-3370.94	-96830.66
55	34.96	20.97	989.28	-2096.88	-98927.55
60	18.55	12.37	1001.65	-1236.96	-100164.48
65	9.53	6.83	1008.47	-682.65	-100847.11
70	5.51	3.81	1012.28	-380.90	-101228.03
75	3.33	2.31	1014.59	-231.15	-101459.14
80	2.01	1.43	1016.02	-142.99	-101602.12
85	1.14	0.86	1016.88	-85.62	-101687.79
90	0.67	0.50	1017.37	-49.52	-101737.26

RP Lighting + Fans

Coefficient Utilization Curve 8041-15-30

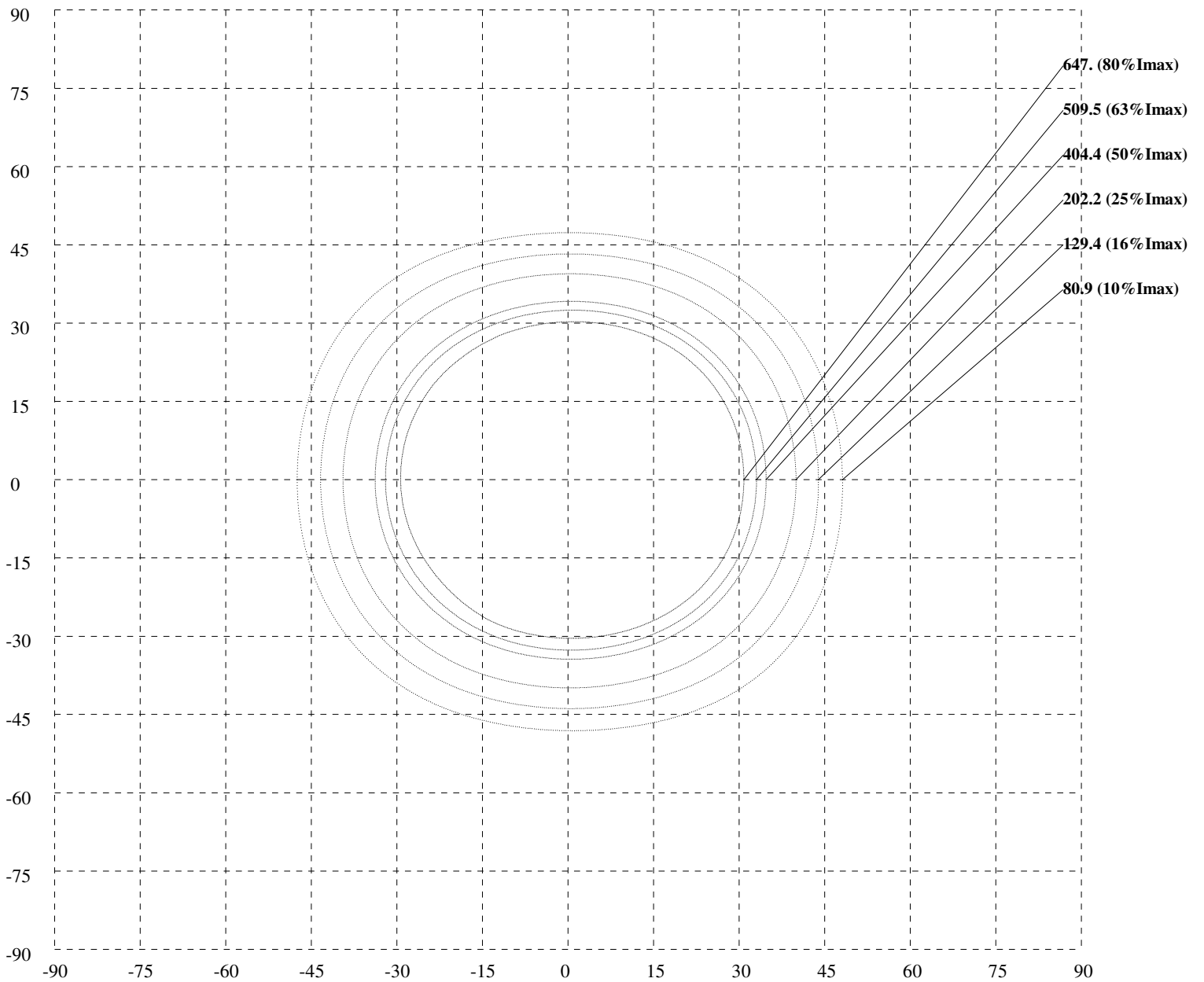


Light Distribution Curve[Unit: cd]



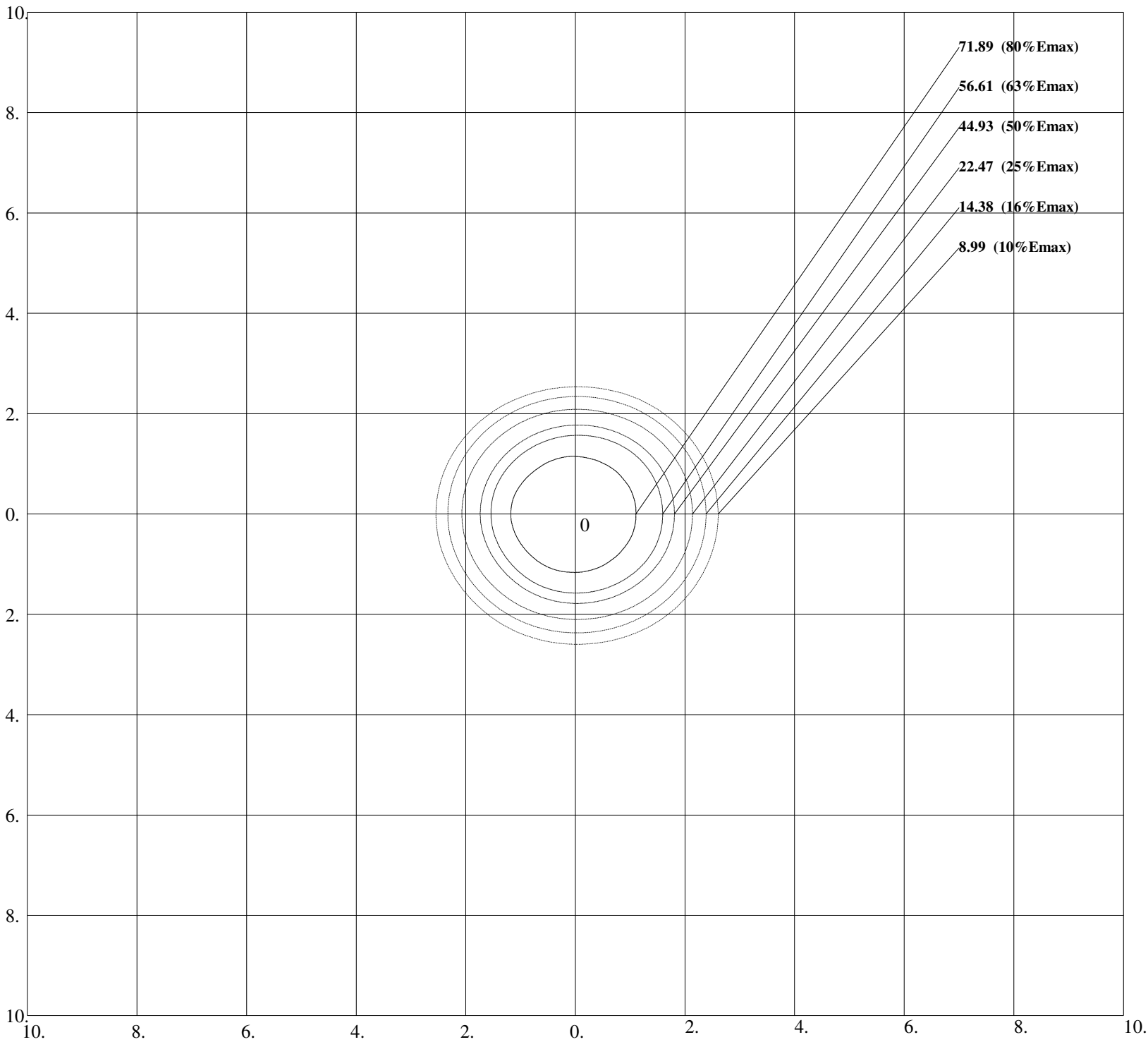
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8041-15-30



RP Lighting + Fans

Iso-Lux [Unit :lx] 8041-15-30



Units: lx
Height: 3 m
Max Illuminance : 89.86lx

RP Lighting + Fans

Lux-Distance Curve

