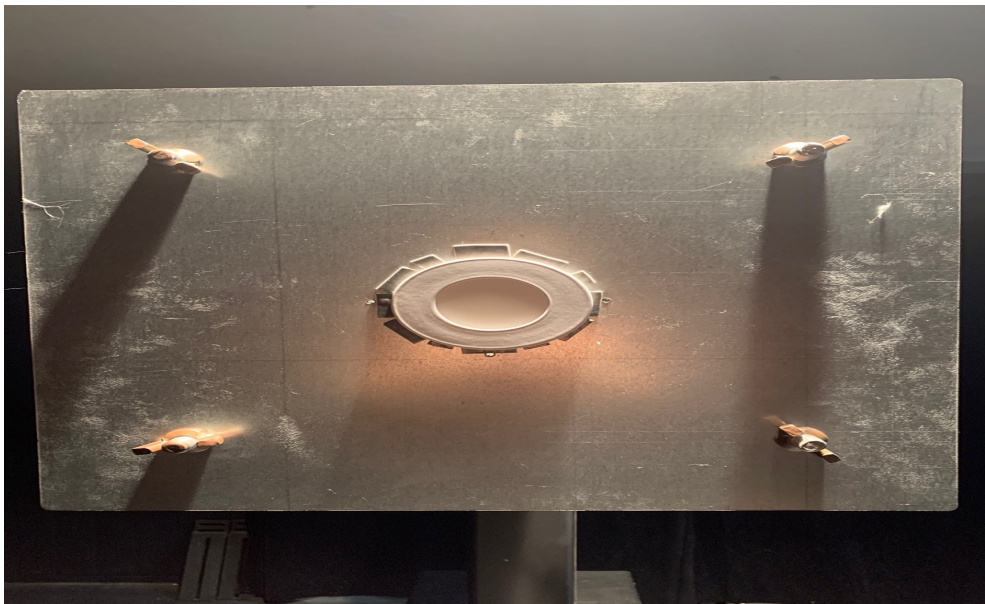


Test Report of Luminaire

Report No.:

Luminaire Type	8842-1-WH-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2959K, CRI: 95.6Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.061
Power:	7.1	Power Factor	0.975
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	466.37 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	168.836cd	Central Intensity	168.836cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-46636.97%		
50%Imax Beam Width	C0_180[54.1 , -55.4] C90_270[53.9 , -55.6]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8842-1-WH-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	168.8	167.1	163.9	159.6	153.8	146.5	138.2	128.7	118.3	106.9
5	168.8	167.2	163.9	159.5	153.6	146.5	138.1	128.6	118.2	106.8
10	168.8	167.2	163.8	159.5	153.7	146.3	138.0	128.5	118.1	106.7
15	168.8	167.1	163.7	159.4	153.5	146.2	137.9	128.3	117.9	106.7
20	168.8	167.1	163.8	159.4	153.4	146.2	137.9	128.4	117.9	106.5
25	168.8	167.1	163.8	159.3	153.4	146.1	137.8	128.2	117.8	106.4
30	168.8	166.9	163.7	159.2	153.3	146.1	137.6	128.2	117.7	106.4
35	168.8	167.0	163.7	159.1	153.3	146.0	137.6	128.1	117.7	106.3
40	168.8	166.9	163.7	159.2	153.4	146.0	137.5	128.0	117.6	106.2
45	168.8	167.0	163.6	159.1	153.2	146.0	137.5	128.0	117.6	106.2
50	168.8	166.9	163.7	159.0	153.2	146.0	137.5	127.9	117.5	106.1
55	168.8	167.0	163.7	159.2	153.2	146.0	137.5	128.0	117.4	106.1
60	168.8	166.9	163.7	159.1	153.3	145.9	137.4	128.1	117.4	106.2
65	168.8	166.9	163.7	159.2	153.2	146.0	137.5	127.9	117.5	106.1
70	168.8	166.9	163.8	159.2	153.3	145.9	137.5	128.0	117.5	106.2
75	168.8	166.9	163.8	159.2	153.2	146.0	137.6	128.0	117.6	106.2
80	168.8	166.9	163.7	159.3	153.2	146.1	137.7	128.0	117.6	106.3
85	168.8	166.9	163.8	159.3	153.4	146.1	137.6	128.1	117.7	106.4
90	168.8	166.9	163.8	159.3	153.4	146.1	137.8	128.2	117.8	106.5
95	168.8	167.0	163.9	159.3	153.4	146.2	137.9	128.3	117.8	106.6
100	168.8	166.9	163.9	159.3	153.5	146.4	138.0	128.4	118.0	106.7
105	168.8	166.9	163.9	159.5	153.6	146.5	138.1	128.5	118.1	106.8
110	168.8	167.1	164.1	159.5	153.7	146.6	138.2	128.7	118.2	107.0
115	168.8	167.1	164.1	159.6	153.8	146.6	138.4	128.8	118.5	107.1
120	168.8	167.1	164.1	159.7	153.9	146.8	138.5	129.1	118.6	107.4
125	168.8	167.2	164.1	159.8	154.1	146.9	138.7	129.1	118.8	107.6
130	168.8	167.2	164.3	159.9	154.1	147.1	138.8	129.4	119.0	107.8
135	168.8	167.2	164.2	159.9	154.2	147.2	138.9	129.6	119.2	108.0
140	168.8	167.3	164.4	160.0	154.4	147.4	139.1	129.8	119.3	108.1
145	168.8	167.3	164.4	160.1	154.4	147.5	139.4	130.0	119.5	108.4
150	168.8	167.3	164.5	160.2	154.6	147.6	139.5	130.1	119.7	108.6
155	168.8	167.3	164.5	160.3	154.7	147.7	139.7	130.3	120.0	108.8
160	168.8	167.4	164.5	160.3	154.9	147.9	140.0	130.6	120.2	109.1
165	168.8	167.4	164.7	160.5	155.0	148.1	140.0	130.8	120.4	109.3
170	168.8	167.4	164.7	160.6	155.1	148.3	140.2	131.0	120.7	109.6
175	168.8	167.4	164.7	160.7	155.2	148.4	140.3	131.1	120.9	109.9
180	168.8	167.5	164.8	160.8	155.3	148.5	140.6	131.4	121.0	110.1
185	168.8	167.5	165.0	160.9	155.5	148.7	140.7	131.5	121.2	110.3
190	168.8	167.4	164.8	161.0	155.5	148.7	140.9	131.7	121.4	110.5
195	168.8	167.5	165.0	161.0	155.5	148.9	141.0	131.8	121.6	110.6
200	168.8	167.4	165.0	161.1	155.6	149.0	141.1	132.0	121.7	110.8
205	168.8	167.5	165.0	161.1	155.7	149.0	141.2	132.1	121.9	110.9
210	168.8	167.6	165.0	161.1	155.8	149.1	141.2	132.1	121.9	110.9
215	168.8	167.6	165.1	161.2	155.9	149.2	141.3	132.2	122.0	111.0
220	168.8	167.5	165.0	161.2	155.9	149.2	141.3	132.2	122.1	111.1
225	168.8	167.6	165.1	161.3	155.8	149.2	141.4	132.2	122.1	111.2
230	168.8	167.4	165.1	161.1	155.8	149.1	141.4	132.3	122.1	111.1
235	168.8	167.5	165.1	161.1	155.9	149.3	141.3	132.2	122.1	111.1

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8842-1-WH-90-3K

240	168.8	167.6	165.1	161.1	155.8	149.2	141.3	132.2	122.1	111.0
245	168.8	167.5	165.1	161.1	155.8	149.2	141.3	132.1	122.0	111.0
250	168.8	167.5	165.0	161.1	155.8	149.1	141.3	132.1	121.9	110.8
255	168.8	167.4	164.9	161.0	155.7	149.1	141.1	132.0	121.7	110.8
260	168.8	167.5	164.8	161.0	155.6	149.0	141.2	131.9	121.7	110.6
265	168.8	167.4	164.9	160.9	155.6	148.8	141.0	131.7	121.6	110.5
270	168.8	167.4	164.9	160.9	155.6	148.8	140.8	131.6	121.5	110.4
275	168.8	167.3	164.9	160.9	155.5	148.6	140.8	131.4	121.3	110.2
280	168.8	167.3	164.8	161.0	155.2	148.5	140.6	131.3	121.2	110.0
285	168.8	167.3	164.8	160.7	155.3	148.4	140.4	131.1	121.0	109.8
290	168.8	167.3	164.7	160.7	155.0	148.3	140.3	131.0	120.8	109.7
295	168.8	167.3	164.5	160.5	155.0	148.2	140.2	130.9	120.6	109.5
300	168.8	167.2	164.6	160.4	154.8	148.0	139.9	130.6	120.4	109.2
305	168.8	167.2	164.5	160.3	154.8	147.9	139.8	130.5	120.2	109.0
310	168.8	167.1	164.4	160.3	154.7	147.7	139.7	130.3	120.0	108.8
315	168.8	167.1	164.4	160.2	154.6	147.6	139.5	130.1	119.8	108.5
320	168.8	167.2	164.3	160.1	154.4	147.5	139.3	130.0	119.7	108.4
325	168.8	167.1	164.2	160.0	154.3	147.4	139.1	129.7	119.4	108.1
330	168.8	167.1	164.2	159.8	154.2	147.2	139.0	129.6	119.3	108.0
335	168.8	166.9	164.0	159.9	154.0	147.1	138.8	129.4	119.2	107.8
340	168.8	166.9	164.1	159.8	154.0	146.9	138.7	129.2	118.9	107.6
345	168.8	166.9	164.0	159.6	154.0	146.8	138.6	129.0	118.8	107.4
350	168.8	166.8	163.9	159.7	153.8	146.7	138.4	129.0	118.6	107.3
355	168.8	166.8	163.9	159.5	153.7	146.6	138.4	128.8	118.5	107.1
360	168.8	167.1	163.9	159.6	153.8	146.5	138.2	128.7	118.3	106.9

C\G	50	55	60	65	70	75	80	85	90
0	94.9	82.2	68.9	55.4	41.9	28.8	16.7	6.2	0.6
5	94.8	82.0	68.8	55.3	41.8	28.7	16.6	6.1	0.6
10	94.6	81.9	68.7	55.2	41.7	28.6	16.5	6.0	0.6
15	94.6	81.9	68.5	55.1	41.6	28.5	16.5	6.0	0.6
20	94.4	81.6	68.5	55.0	41.5	28.4	16.4	5.9	0.6
25	94.3	81.6	68.4	54.8	41.4	28.3	16.3	5.9	0.6
30	94.3	81.5	68.3	54.8	41.3	28.3	16.3	5.8	0.6
35	94.2	81.4	68.2	54.7	41.2	28.2	16.2	5.8	0.6
40	94.1	81.4	68.2	54.7	41.1	28.1	16.2	5.1	0.6
45	94.1	81.4	68.1	54.6	41.1	28.1	16.1	4.2	0.6
50	94.1	81.3	68.1	54.5	41.1	28.0	16.1	4.4	0.6
55	94.0	81.3	68.1	54.5	41.0	28.0	16.1	5.7	0.6
60	94.0	81.3	68.1	54.5	41.0	28.0	16.1	5.7	0.6
65	94.1	81.3	68.1	54.5	41.0	28.0	16.0	5.7	0.6
70	94.1	81.3	68.1	54.5	41.1	28.0	16.0	5.7	0.6
75	94.1	81.4	68.2	54.6	41.0	28.0	16.0	5.8	0.6
80	94.3	81.4	68.2	54.7	41.1	28.0	16.0	5.8	0.6
85	94.3	81.5	68.3	54.7	41.1	28.1	16.1	5.9	0.6
90	94.4	81.7	68.4	54.8	41.2	28.1	16.2	5.9	0.6
95	94.5	81.7	68.5	54.9	41.3	28.2	16.2	6.0	0.7
100	94.6	81.9	68.6	55.0	41.5	28.3	16.3	6.1	0.6

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8842-1-WH-90-3K

105	94.8	82.0	68.8	55.2	41.6	28.4	16.4	6.2	0.6
110	94.9	82.2	68.9	55.3	41.7	28.5	16.5	6.3	0.7
115	95.1	82.5	69.1	55.6	41.9	28.7	16.6	6.4	0.7
120	95.3	82.6	69.4	55.8	42.1	28.9	16.8	6.5	0.7
125	95.5	82.8	69.6	56.0	42.3	29.0	17.0	6.6	0.6
130	95.7	83.1	69.8	56.2	42.5	29.3	17.1	5.2	0.6
135	95.9	83.2	70.0	56.4	42.8	29.5	17.3	5.0	0.7
140	96.1	83.5	70.2	56.7	43.0	29.8	17.5	5.8	0.7
145	96.4	83.7	70.5	56.9	43.3	30.0	17.8	7.2	0.7
150	96.7	84.0	70.8	57.2	43.5	30.3	18.0	7.4	0.7
155	96.9	84.2	71.0	57.4	43.8	30.5	18.2	7.6	0.6
160	97.1	84.5	71.3	57.7	44.1	30.8	18.5	7.8	0.7
165	97.4	84.7	71.6	58.0	44.3	31.1	18.7	7.9	0.7
170	97.7	85.0	71.8	58.3	44.6	31.3	18.9	8.1	0.7
175	97.8	85.3	72.1	58.5	44.9	31.6	19.2	8.3	0.7
180	98.1	85.5	72.4	58.8	45.1	31.8	19.4	8.4	0.7
185	98.3	85.7	72.5	59.0	45.4	32.0	19.6	8.6	0.7
190	98.5	86.0	72.7	59.2	45.6	32.3	19.8	8.7	0.7
195	98.6	86.1	72.9	59.4	45.8	32.4	20.0	8.9	0.7
200	98.9	86.3	73.1	59.6	45.9	32.6	20.1	9.0	0.7
205	99.0	86.5	73.3	59.8	46.1	32.7	20.2	9.1	0.7
210	99.1	86.5	73.4	59.9	46.2	32.8	20.3	9.2	0.7
215	99.2	86.6	73.4	59.9	46.3	32.9	20.4	9.2	0.8
220	99.2	86.7	73.6	60.0	46.3	33.0	20.4	7.6	0.7
225	99.2	86.7	73.6	60.1	46.4	33.0	20.5	7.0	0.7
230	99.2	86.8	73.6	60.0	46.3	33.0	20.4	7.6	0.7
235	99.2	86.8	73.5	60.0	46.3	32.9	20.4	9.2	0.8
240	99.2	86.7	73.5	59.9	46.3	32.9	20.4	9.2	0.7
245	99.1	86.6	73.4	59.9	46.2	32.8	20.2	9.1	0.8
250	99.0	86.5	73.3	59.8	46.1	32.7	20.1	9.1	0.7
255	99.0	86.4	73.2	59.6	45.9	32.5	20.0	9.0	0.7
260	98.9	86.2	73.0	59.5	45.8	32.4	19.9	8.9	0.7
265	98.7	86.2	73.0	59.3	45.6	32.2	19.7	8.8	0.7
270	98.5	85.9	72.7	59.1	45.4	32.0	19.5	8.6	0.7
275	98.3	85.8	72.6	59.0	45.2	31.9	19.3	8.5	0.7
280	98.1	85.6	72.4	58.8	45.0	31.7	19.1	8.3	0.7
285	97.8	85.4	72.1	58.6	44.8	31.5	18.9	8.2	0.7
290	97.7	85.2	72.0	58.4	44.6	31.3	18.8	8.0	0.7
295	97.5	85.0	71.7	58.1	44.4	31.0	18.6	7.9	0.6
300	97.3	84.7	71.5	57.9	44.2	30.8	18.4	7.7	0.6
305	97.1	84.5	71.3	57.7	43.9	30.6	18.2	7.6	0.6
310	96.9	84.2	71.0	57.4	43.7	30.4	18.0	5.9	0.6
315	96.7	83.9	70.7	57.2	43.5	30.2	17.9	4.8	0.6
320	96.4	83.8	70.5	57.0	43.3	30.0	17.7	5.1	0.6
325	96.2	83.5	70.3	56.7	43.1	29.8	17.5	6.8	0.6
330	96.0	83.3	70.1	56.5	42.9	29.6	17.4	6.9	0.6
335	95.8	83.1	69.8	56.3	42.7	29.4	17.2	6.8	0.6
340	95.6	82.9	69.7	56.1	42.5	29.3	17.1	6.6	0.6
345	95.4	82.7	69.5	55.9	42.3	29.2	17.0	6.5	0.6

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8842-1-WH-90-3K

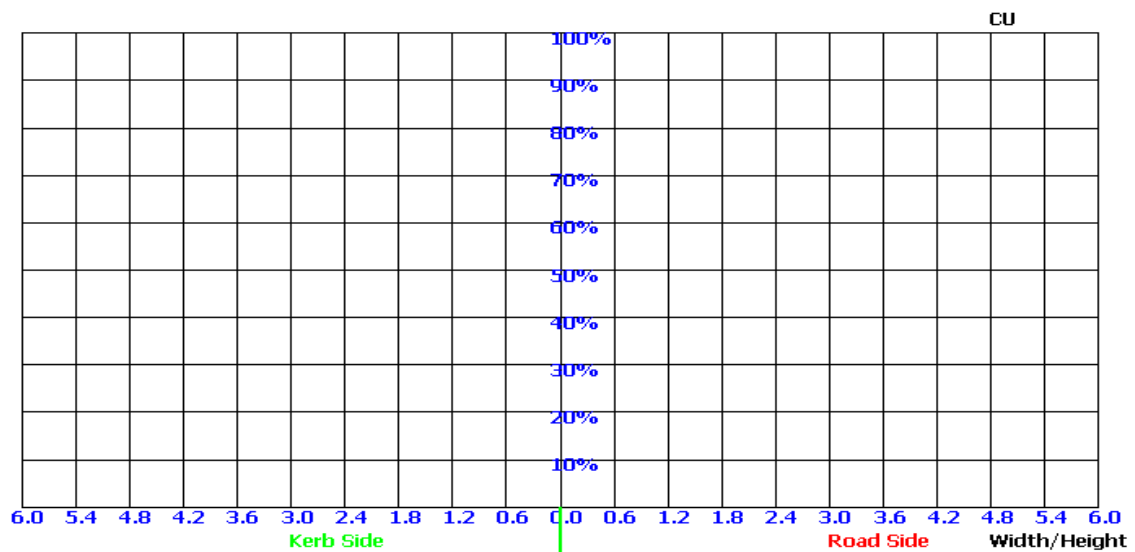
350	95.2	82.5	69.3	55.7	42.2	29.0	16.9	6.4	0.6
355	95.1	82.3	69.2	55.6	42.0	28.9	16.8	6.3	0.6
360	94.9	82.2	68.9	55.4	41.9	28.8	16.7	6.2	0.6

RP Lighting + Fans

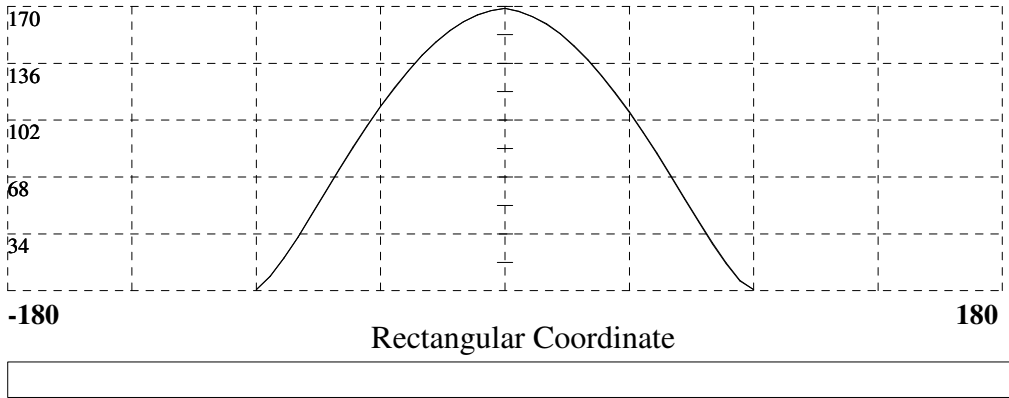
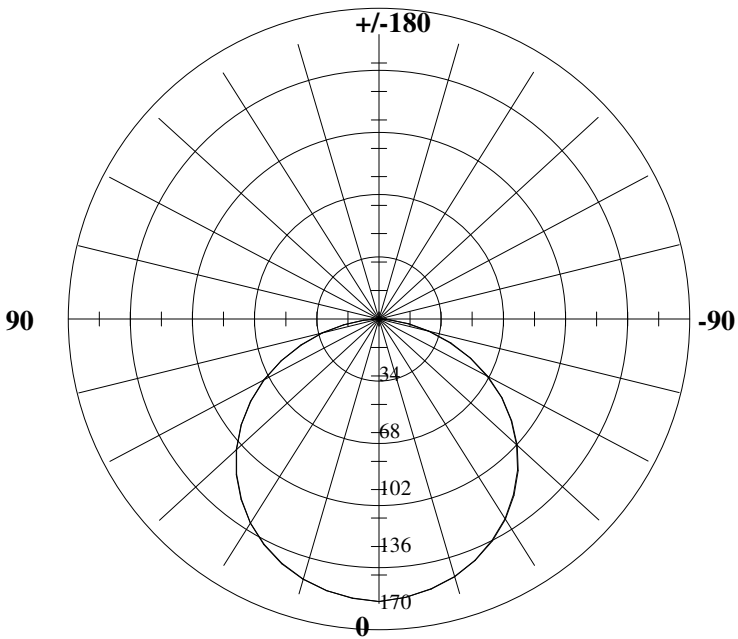
Zonal Flux: 8842-1-WH-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	168.84	0.00	0.00	0.00	0.00
5	167.20	4.02	4.02	-401.72	-401.72
10	164.35	11.86	15.88	-1186.04	-1587.76
15	160.11	19.25	35.12	-1924.62	-3512.38
20	154.48	25.93	61.05	-2592.65	-6105.03
25	147.50	31.67	92.72	-3167.26	-9272.28
30	139.34	36.30	129.02	-3629.99	-12902.28
35	129.98	39.66	168.68	-3965.98	-16868.26
40	119.65	41.65	210.33	-4164.99	-21033.24
45	108.46	42.24	252.57	-4223.70	-25256.94
50	96.47	41.41	293.98	-4140.96	-29397.91
55	83.83	39.20	333.18	-3920.24	-33318.16
60	70.61	35.70	368.88	-3569.68	-36887.83
65	57.06	31.04	399.92	-3103.72	-39991.55
70	43.43	25.44	425.36	-2544.45	-42536.00
75	30.20	19.24	444.60	-1924.38	-44460.38
80	17.93	12.88	457.48	-1287.82	-45748.19
85	7.03	6.78	464.26	-678.28	-46426.47
90	0.66	2.11	466.37	-210.50	-46636.97

RP Lighting + Fans
Coefficient Utilization Curve 8842-1-WH-90-3K

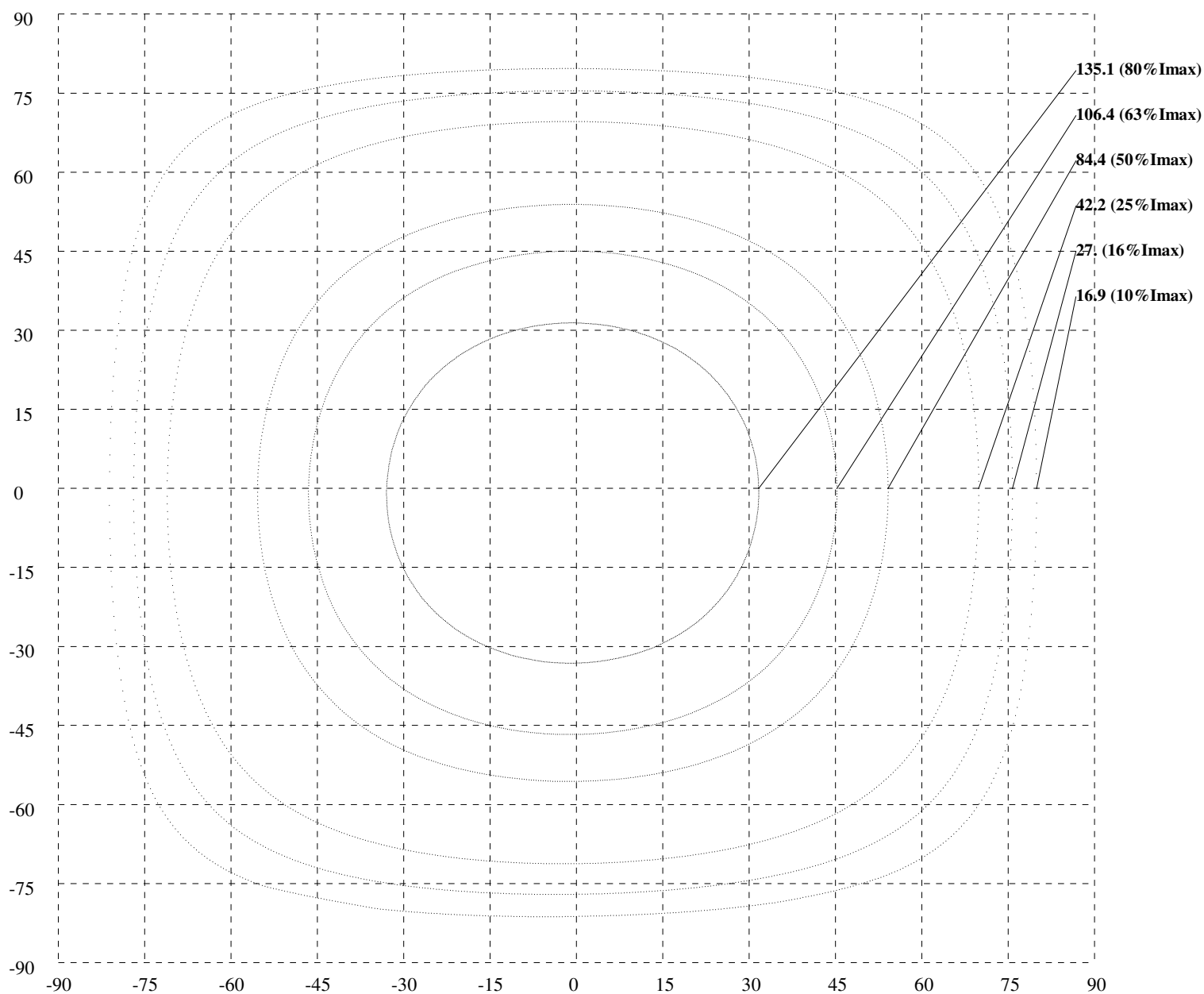


Light Distribution Curve[Unit: cd]



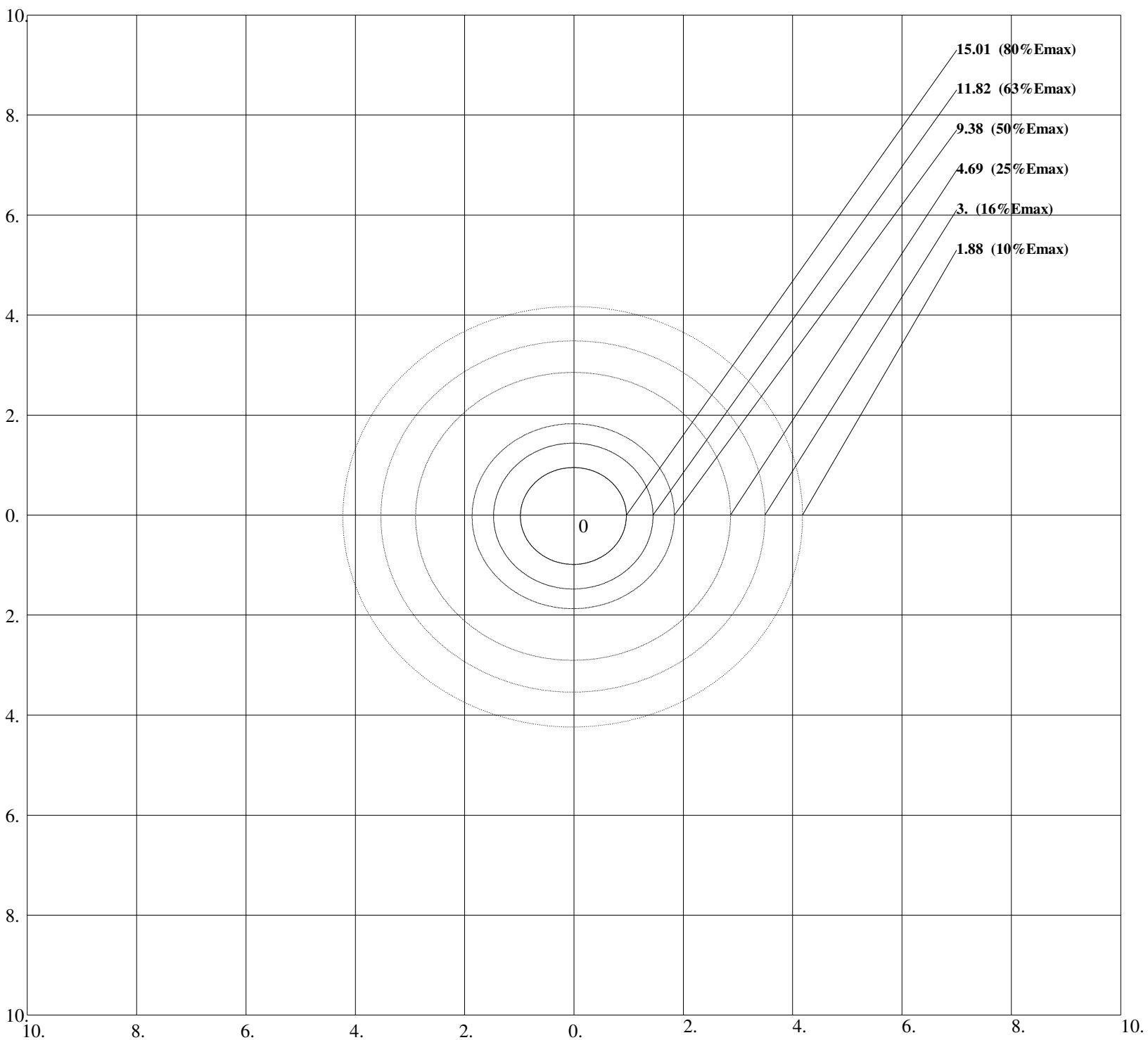
RP Lighting + Fans

ISO-Candela V-H [Unit :cd]8842-1-WH-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx]8842-1-WH-90-3K



Units: lx
Height: 3 m
Max Illuminance : 18.76lx

RP Lighting + Fans

Lux-Distance Curve

