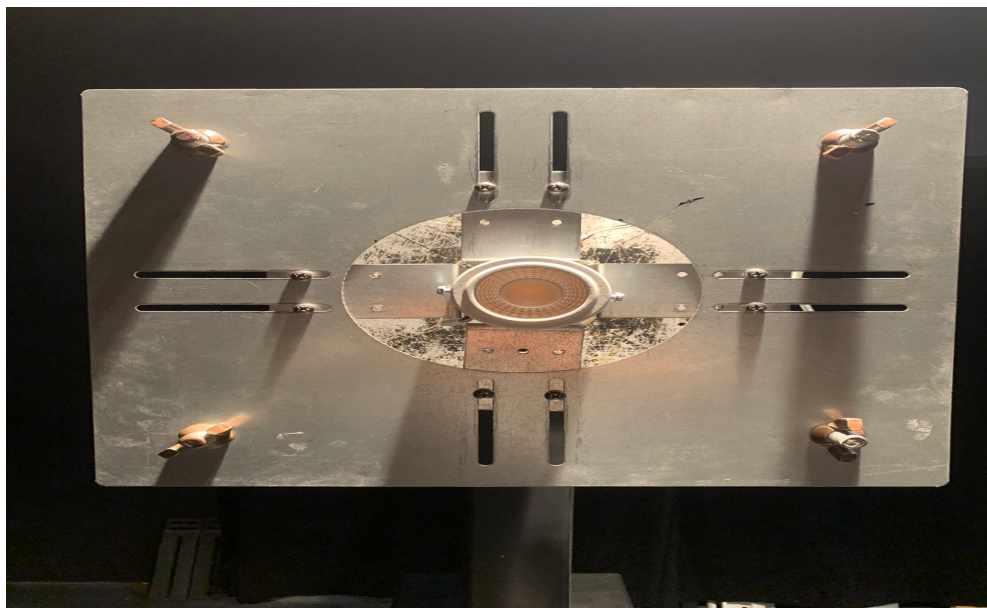


## Test Report of Luminaire

**Report No.:**

Luminaire Type	8771-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2929K, CRI: 93.7Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.088
Power:	10.4	Power Factor	0.988
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	701.46 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	925.27cd	Central Intensity	925.27cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-70145.98%		
50%Imax Beam Width	C0_180[ 21.8 ,-22.5] C90_270[ 21.9 ,-22.7]		
Remark			

**Luminaire Figure**


# RP Lighting + Fans

## Photometric Data Table [Unit:cd] 8771-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	925.3	871.5	792.4	657.9	511.4	372.8	262.4	178.6	112.6	73.9
5	925.3	870.5	791.4	657.9	510.7	374.2	262.0	177.6	113.5	74.7
10	925.3	870.2	789.1	659.9	510.4	375.9	265.0	178.6	112.1	73.4
15	925.3	869.9	785.1	660.2	513.4	374.2	265.0	177.9	110.4	72.3
20	925.3	869.5	780.7	659.6	514.0	372.8	263.4	177.6	111.5	73.3
25	925.3	869.2	777.4	658.9	513.0	374.8	262.4	177.2	113.0	75.4
30	925.3	868.9	775.1	657.2	512.4	374.5	262.7	176.9	112.7	74.9
35	925.3	868.5	774.1	657.2	513.7	375.2	263.7	177.2	111.1	73.8
40	925.3	868.2	774.1	657.6	513.4	375.2	265.7	178.2	111.3	73.9
45	925.3	867.5	775.1	657.6	511.0	371.8	262.4	175.9	112.8	75.7
50	925.3	867.2	775.7	658.2	510.0	372.2	261.4	176.6	113.1	75.7
55	925.3	867.2	776.7	658.9	511.0	375.5	265.7	178.2	112.2	74.6
60	925.3	867.2	778.4	658.2	511.4	375.5	265.7	176.6	111.3	74.6
65	925.3	866.9	779.4	659.6	512.0	372.8	261.0	175.9	112.6	76.1
70	925.3	867.5	779.7	660.6	511.4	373.8	261.0	176.6	113.9	76.7
75	925.3	868.2	779.7	659.2	513.7	375.5	264.0	177.2	112.7	75.2
80	925.3	868.9	779.7	658.9	517.4	375.2	263.4	174.6	111.6	74.8
85	925.3	869.9	780.7	659.9	517.0	376.2	262.7	174.9	112.4	76.3
90	925.3	870.9	780.7	660.9	517.4	375.9	261.4	176.2	113.9	77.0
95	925.3	871.9	781.7	661.2	517.4	375.5	261.0	175.2	113.8	75.9
100	925.3	872.5	784.1	661.6	517.0	377.2	262.7	175.6	112.4	74.7
105	925.3	872.9	788.1	663.6	516.4	377.9	265.4	176.2	112.6	76.0
110	925.3	873.2	792.4	664.9	516.4	377.5	263.4	176.2	114.2	77.4
115	925.3	873.5	796.4	665.2	515.0	377.9	263.0	178.2	115.7	76.9
120	925.3	873.2	799.1	666.6	515.0	378.9	265.7	178.6	114.5	76.1
125	925.3	873.5	801.1	668.3	516.4	380.2	266.0	177.2	113.7	75.7
130	925.3	873.5	802.4	669.3	519.7	380.5	265.7	177.9	114.6	77.5
135	925.3	873.9	802.4	669.3	520.7	381.9	265.4	180.2	117.1	78.0
140	925.3	874.2	802.4	669.9	524.1	385.2	267.7	181.6	118.2	77.4
145	925.3	874.9	802.4	671.3	527.1	386.5	269.0	179.6	115.9	76.5
150	925.3	875.5	802.1	672.9	530.1	385.5	269.7	180.2	114.9	77.0
155	925.3	876.5	802.8	673.6	531.7	389.2	270.7	183.3	118.2	79.1
160	925.3	877.9	803.8	674.9	530.7	390.9	272.4	185.3	120.4	79.1
165	925.3	878.5	805.4	678.3	532.1	390.9	273.7	183.6	119.0	78.9
170	925.3	879.9	808.1	682.3	533.7	392.9	273.7	181.6	117.9	79.4
175	925.3	880.2	810.1	683.3	533.7	394.5	274.7	184.9	119.9	80.5
180	925.3	880.9	811.1	684.6	533.1	394.5	276.0	188.6	121.8	80.8
185	925.3	881.2	810.8	686.9	535.7	395.5	277.4	186.9	121.0	80.0
190	925.3	880.9	808.8	689.9	539.4	397.5	277.0	184.6	119.6	79.8
195	925.3	880.5	806.1	691.6	541.4	397.9	276.0	184.9	119.3	80.3
200	925.3	879.9	802.4	691.0	542.4	399.9	276.0	188.3	122.8	82.2
205	925.3	879.5	799.4	688.9	546.1	398.2	280.1	192.6	124.8	82.4
210	925.3	879.9	797.4	689.9	549.4	400.9	281.7	190.3	122.4	81.4
215	925.3	879.9	797.4	689.9	549.4	401.9	278.0	186.3	121.0	81.4
220	925.3	880.5	798.4	689.6	548.1	399.6	276.4	187.9	123.1	83.0
225	925.3	880.9	800.8	691.6	546.8	400.2	281.4	194.3	126.5	83.9
230	925.3	880.9	804.1	693.6	545.1	400.9	283.4	192.9	125.1	83.2
235	925.3	880.2	807.4	693.3	546.1	401.6	280.1	187.9	122.4	82.3

# RP Lighting + Fans

## Photometric Data Table [Unit:cd] 8771-90-3K

240	925.3	879.2	809.4	693.0	545.1	402.6	278.4	187.9	122.8	82.9
245	925.3	878.5	808.1	692.3	545.4	403.2	281.4	193.3	126.6	83.9
250	925.3	878.2	805.1	691.6	545.8	402.2	284.1	195.3	127.0	83.3
255	925.3	877.5	803.1	690.3	545.4	400.2	278.4	187.6	122.1	81.6
260	925.3	877.5	800.8	688.6	544.4	401.2	275.4	184.6	120.5	80.8
265	925.3	877.9	798.4	687.3	542.1	397.5	278.0	188.9	122.3	80.9
270	925.3	877.9	797.1	686.9	541.1	396.9	281.1	191.9	124.3	80.6
275	925.3	877.5	796.8	684.3	541.1	396.5	276.0	187.3	121.3	79.3
280	925.3	876.9	798.8	681.6	540.1	395.2	273.7	183.9	118.9	78.7
285	925.3	875.9	800.8	680.3	535.4	395.5	275.7	185.6	119.8	78.4
290	925.3	875.2	802.4	677.9	529.7	391.9	276.7	188.9	120.6	77.2
295	925.3	874.9	803.1	674.6	527.7	390.5	275.0	187.9	119.0	76.7
300	925.3	874.5	804.1	670.9	527.7	390.2	271.0	182.6	116.4	76.7
305	925.3	874.5	804.8	668.9	525.7	388.2	270.4	181.6	115.7	76.4
310	925.3	873.9	804.8	668.3	523.1	386.2	271.7	183.9	115.9	74.7
315	925.3	873.2	802.1	666.6	521.4	384.2	271.0	184.9	115.4	74.1
320	925.3	872.9	798.8	665.6	521.7	385.2	269.4	182.3	115.8	74.9
325	925.3	872.5	795.4	663.9	519.4	381.9	266.0	178.9	114.3	74.5
330	925.3	872.2	793.4	661.9	517.7	379.9	265.4	180.2	113.8	73.1
335	925.3	871.9	792.8	659.6	517.0	381.9	268.7	182.6	113.5	73.0
340	925.3	871.2	793.4	657.9	514.4	378.9	265.0	180.9	113.7	73.7
345	925.3	870.9	793.1	658.2	512.7	375.5	260.7	176.9	112.7	73.9
350	925.3	870.2	792.4	658.6	509.0	374.5	262.4	177.2	111.2	72.4
355	925.3	869.5	791.4	657.9	508.4	373.5	266.0	180.2	111.0	72.0
360	925.3	871.5	792.4	657.9	511.4	372.8	262.4	178.6	112.6	73.9

C\G	50	55	60	65	70	75	80	85	90
0	51.2	37.7	28.7	22.3	17.0	12.5	8.3	3.3	0.5
5	51.5	37.8	28.6	22.2	17.0	12.5	8.3	3.3	0.5
10	51.5	37.9	28.7	22.3	17.1	12.5	8.3	3.2	0.6
15	51.1	38.0	28.9	22.4	17.1	12.5	8.2	3.2	0.5
20	51.6	38.4	29.0	22.4	17.1	12.5	8.2	3.1	0.5
25	52.7	38.8	29.0	22.5	17.2	12.5	8.2	3.1	0.5
30	52.9	38.9	29.2	22.5	17.2	12.6	8.2	3.1	0.5
35	52.4	38.9	29.5	22.7	17.3	12.6	8.2	3.1	0.5
40	52.5	38.9	29.5	22.7	17.4	12.6	8.3	3.0	0.5
45	53.4	38.9	29.4	22.8	17.5	12.7	8.3	3.0	0.6
50	53.4	39.1	29.5	22.9	17.5	12.7	8.3	3.0	0.5
55	53.0	39.2	30.0	23.1	17.5	12.7	8.3	3.0	0.5
60	53.2	39.4	29.9	23.1	17.6	12.8	8.3	3.1	0.5
65	53.9	39.3	29.6	23.0	17.6	12.8	8.3	3.1	0.5
70	54.1	39.3	29.6	22.9	17.6	12.8	8.3	3.1	0.5
75	53.2	39.3	29.8	23.0	17.5	12.7	8.4	3.2	0.5
80	53.1	39.3	29.7	22.9	17.5	12.7	8.4	3.2	0.5
85	54.1	39.3	29.4	22.8	17.4	12.7	8.4	3.3	0.5
90	54.1	39.1	29.4	22.7	17.4	12.7	8.4	3.3	0.5
95	53.3	39.4	29.7	22.8	17.4	12.7	8.4	3.3	0.5
100	52.9	39.1	29.7	22.9	17.5	12.8	8.4	3.4	0.5

## *RP Lighting + Fans*

### **Photometric Data Table [Unit:cd] 8771-90-3K**

<b>105</b>	54.1	39.5	29.6	22.9	17.5	12.8	8.5	3.5	0.5
<b>110</b>	54.6	39.4	29.5	22.9	17.5	12.8	8.5	3.6	0.5
<b>115</b>	53.9	38.9	29.6	22.8	17.5	12.8	8.5	3.6	0.5
<b>120</b>	52.9	38.8	29.4	22.8	17.5	12.8	8.5	3.7	0.5
<b>125</b>	53.8	38.8	29.2	22.7	17.4	12.8	8.6	3.8	0.5
<b>130</b>	54.4	38.8	29.1	22.6	17.4	12.8	8.6	3.9	0.5
<b>135</b>	54.6	38.9	29.2	22.6	17.3	12.8	8.6	4.0	0.5
<b>140</b>	53.7	38.8	29.5	22.7	17.4	12.9	8.7	4.1	0.5
<b>145</b>	53.4	38.6	29.3	22.5	17.3	12.9	8.7	4.2	0.5
<b>150</b>	54.1	38.6	28.8	22.5	17.4	12.9	8.8	4.3	0.5
<b>155</b>	54.8	38.7	28.9	22.4	17.4	12.9	8.8	4.3	0.5
<b>160</b>	54.2	38.8	29.4	22.6	17.4	12.9	8.8	4.4	0.5
<b>165</b>	54.5	39.1	29.5	22.7	17.4	12.9	8.8	4.5	0.5
<b>170</b>	55.5	39.9	29.3	22.6	17.4	13.0	8.9	4.6	0.5
<b>175</b>	56.0	39.8	29.4	22.7	17.4	13.0	8.9	4.6	0.6
<b>180</b>	55.6	39.2	29.4	22.8	17.6	13.1	9.0	4.7	0.6
<b>185</b>	54.8	39.4	29.8	23.0	17.6	13.1	9.0	4.8	0.6
<b>190</b>	55.6	40.2	30.0	23.0	17.6	13.2	9.1	4.8	0.6
<b>195</b>	56.4	40.8	29.8	23.0	17.7	13.2	9.1	4.9	0.6
<b>200</b>	56.7	40.2	29.8	23.1	17.7	13.2	9.2	4.9	0.6
<b>205</b>	56.0	39.9	29.9	23.2	17.8	13.3	9.2	4.9	0.6
<b>210</b>	56.3	40.4	30.2	23.2	17.9	13.4	9.3	5.0	0.6
<b>215</b>	57.3	41.3	30.1	23.2	17.9	13.4	9.3	5.0	0.6
<b>220</b>	57.4	41.0	30.0	23.2	18.0	13.4	9.3	5.0	0.6
<b>225</b>	57.0	40.2	29.9	23.4	18.1	13.5	9.3	5.0	0.6
<b>230</b>	56.7	40.5	30.0	23.4	18.1	13.5	9.3	5.0	0.6
<b>235</b>	57.5	41.3	30.0	23.1	18.0	13.5	9.3	5.0	0.6
<b>240</b>	57.6	41.1	29.8	23.2	18.0	13.5	9.3	5.0	0.6
<b>245</b>	56.7	39.9	29.6	23.0	17.9	13.4	9.2	5.0	0.6
<b>250</b>	56.2	39.5	29.4	23.0	17.7	13.3	9.2	4.9	0.6
<b>255</b>	56.0	39.7	29.3	22.7	17.6	13.1	9.1	4.8	0.6
<b>260</b>	55.7	39.9	29.1	22.5	17.4	13.0	9.0	4.8	0.6
<b>265</b>	55.0	38.8	29.0	22.4	17.2	12.9	8.9	4.7	0.5
<b>270</b>	54.0	38.3	28.8	22.2	17.1	12.8	8.8	4.6	0.6
<b>275</b>	54.2	38.7	28.6	22.2	17.1	12.8	8.8	4.5	0.6
<b>280</b>	54.1	38.8	28.7	22.1	17.1	12.7	8.7	4.5	0.5
<b>285</b>	53.3	38.3	28.6	22.1	17.0	12.6	8.7	4.4	0.5
<b>290</b>	52.5	37.7	28.4	22.0	16.8	12.6	8.6	4.3	0.6
<b>295</b>	52.3	37.7	28.2	21.8	16.8	12.5	8.6	4.2	0.6
<b>300</b>	52.7	37.6	28.0	21.7	16.7	12.5	8.5	4.2	0.6
<b>305</b>	52.2	37.6	28.2	21.6	16.7	12.4	8.5	4.1	0.5
<b>310</b>	51.4	37.3	28.3	21.9	16.8	12.4	8.5	4.0	0.5
<b>315</b>	51.0	37.1	28.2	21.9	16.8	12.5	8.5	4.0	0.6
<b>320</b>	51.2	37.2	28.1	21.8	16.8	12.5	8.5	3.9	0.5
<b>325</b>	50.9	37.2	28.2	21.9	16.9	12.5	8.5	3.8	0.5
<b>330</b>	50.6	37.1	28.3	22.0	16.9	12.5	8.4	3.8	0.5
<b>335</b>	50.8	37.4	28.5	22.2	16.9	12.5	8.4	3.7	0.5
<b>340</b>	50.9	37.4	28.5	22.1	16.9	12.5	8.4	3.6	0.5
<b>345</b>	51.0	37.3	28.3	22.0	16.9	12.5	8.4	3.5	0.5

***RP Lighting + Fans***

**Photometric Data Table [Unit:cd] 8771-90-3K**

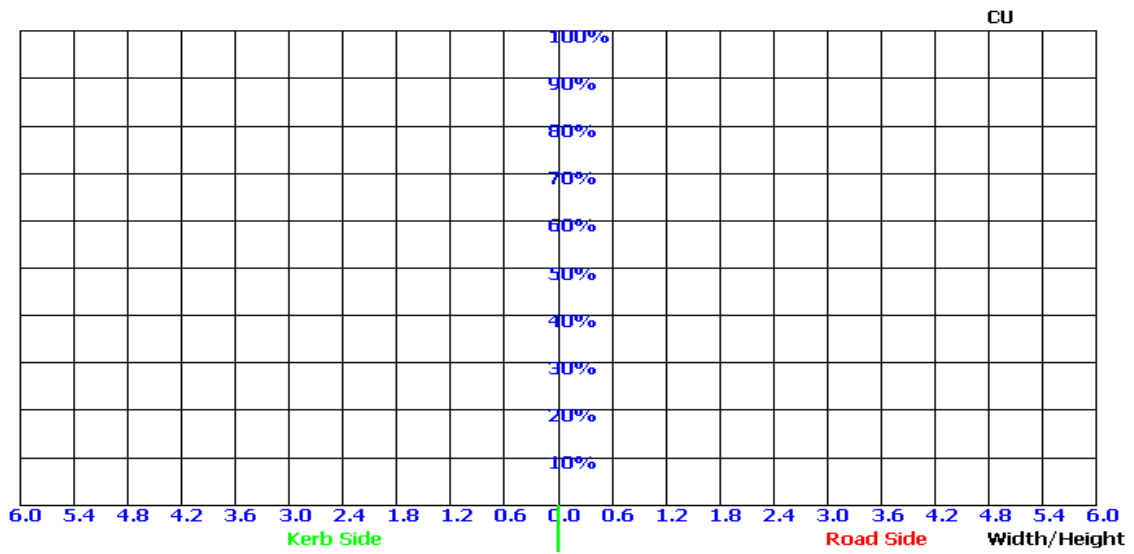
<b>350</b>	50.6	37.3	28.4	22.1	17.0	12.5	8.4	3.5	0.5
<b>355</b>	50.3	37.3	28.6	22.2	17.1	12.5	8.3	3.4	0.5
<b>360</b>	51.2	37.7	28.7	22.3	17.0	12.5	8.3	3.3	0.5

## ***RP Lighting + Fans***

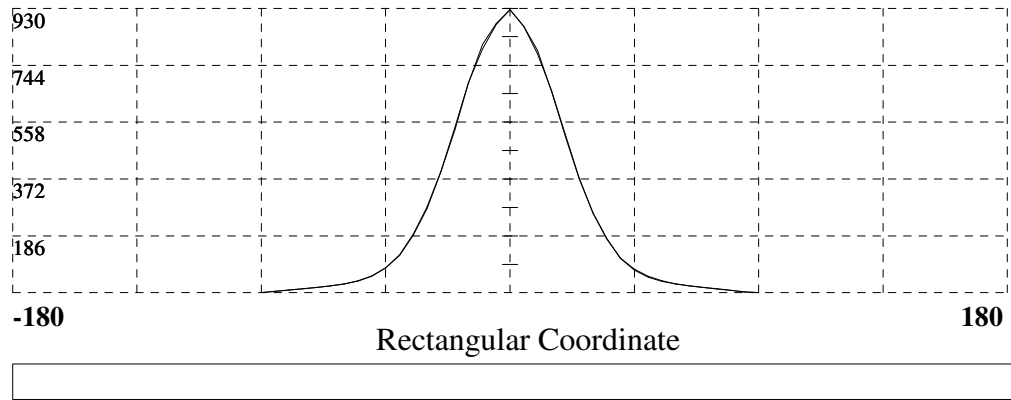
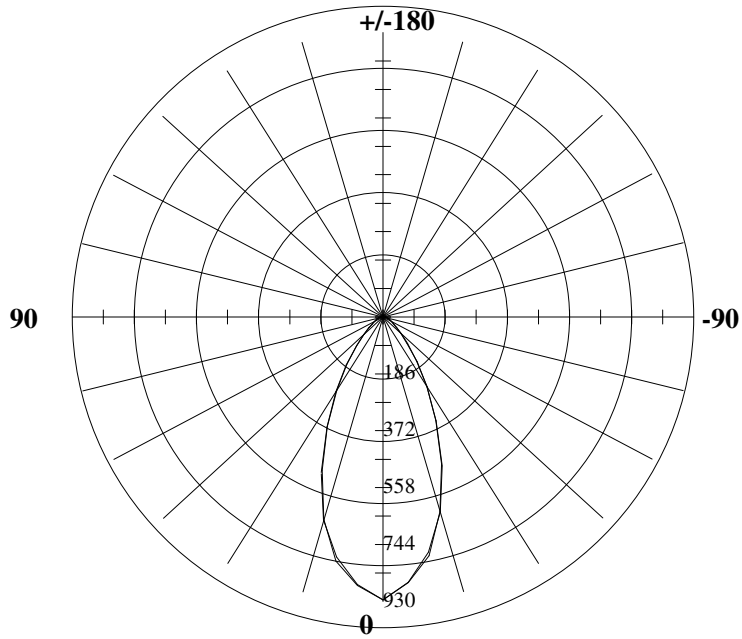
### **Zonal Flux8771-90-3K**

<b>Gamma [°]</b>	<b>I<sub>mean</sub> [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
0	925.27	0.00	0.00	0.00	0.00
5	874.21	21.51	21.51	-2151.23	-2151.23
10	795.07	59.72	81.23	-5971.56	-8122.79
15	671.99	87.02	168.25	-8702.49	-16825.28
20	525.92	98.72	266.98	-9872.45	-26697.73
25	385.82	95.63	362.60	-9562.53	-36260.25
30	269.95	82.99	445.59	-8298.81	-44559.07
35	182.21	66.58	512.17	-6658.30	-51217.37
40	116.83	49.89	562.07	-4989.19	-56206.59
45	77.41	35.96	598.03	-3596.40	-59802.99
50	53.79	26.51	624.54	-2650.96	-62453.94
55	38.90	20.15	644.69	-2015.37	-64469.31
60	29.21	15.74	660.44	-1574.44	-66043.76
65	22.60	12.59	673.03	-1259.48	-67303.23
70	17.34	10.11	683.15	-1011.33	-68314.57
75	12.81	7.88	691.03	-788.13	-69102.72
80	8.66	5.75	696.77	-574.51	-69677.19
85	4.00	3.44	700.21	-344.13	-70021.31
90	0.55	1.25	701.46	-124.63	-70145.95

***RP Lighting + Fans***  
***Coefficient Utilization Curve 8771-90-3K***



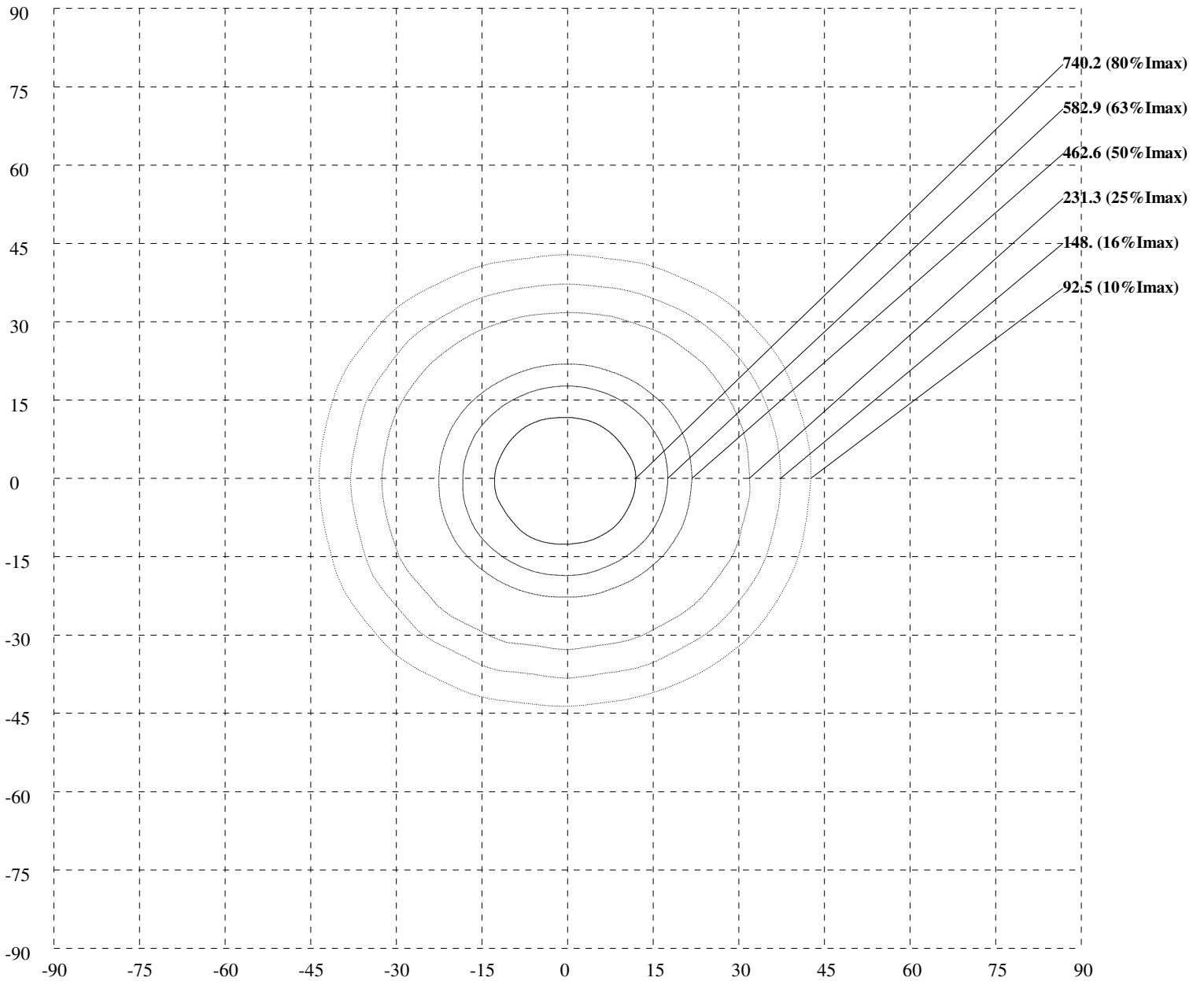
Light Distribution Curve[Unit: cd]





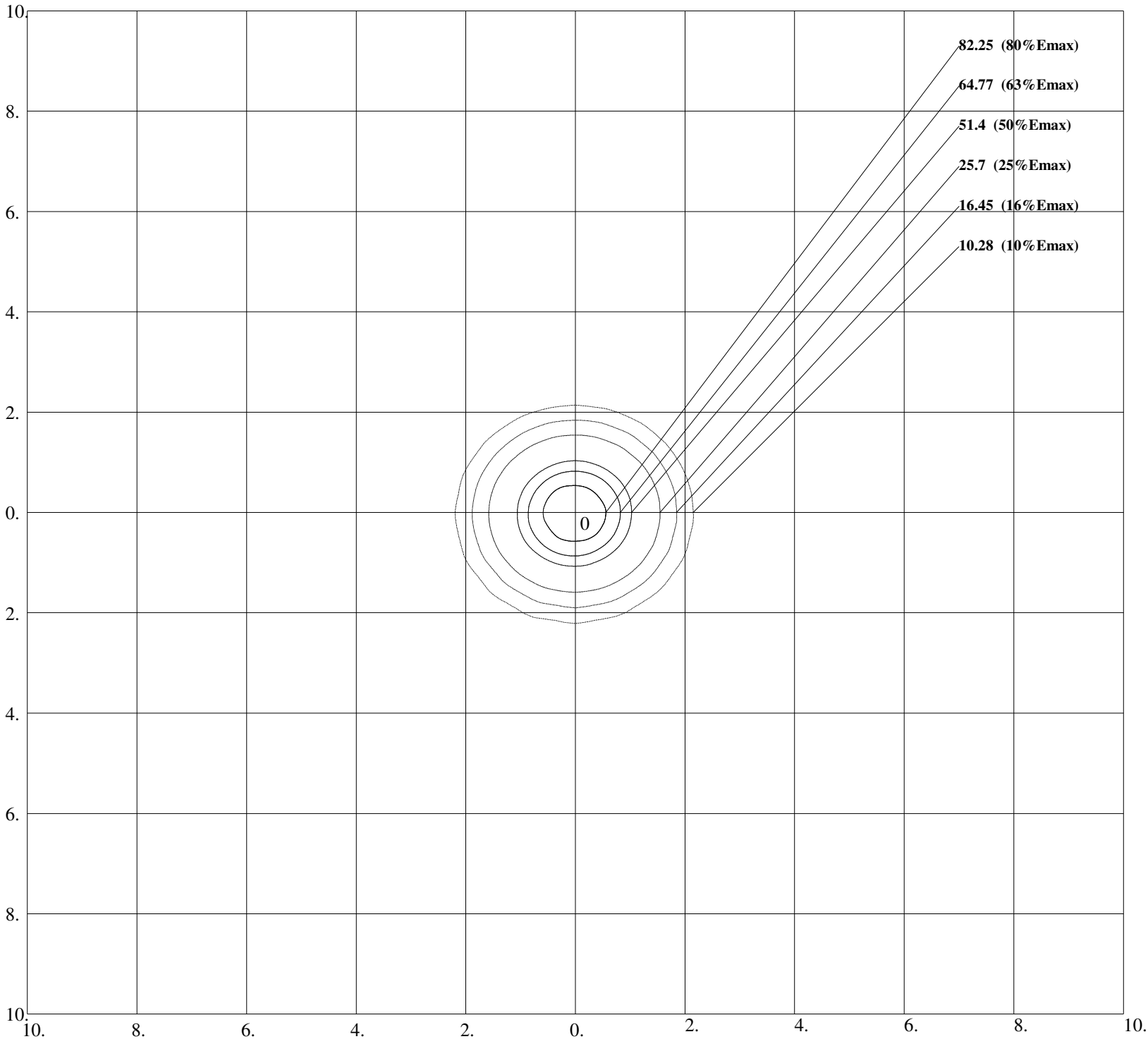
# RP Lighting + Fans

## ISO-Candela V-H [Unit :cd]8771-90-3K



**RP Lighting + Fans**

**Iso-Lux [Unit :lx]8771-90-3K**



Units: lx  
Height: 3 m  
Max Illuminance : 102.81lx

***RP Lighting + Fans  
Lux-Distance Curve***

