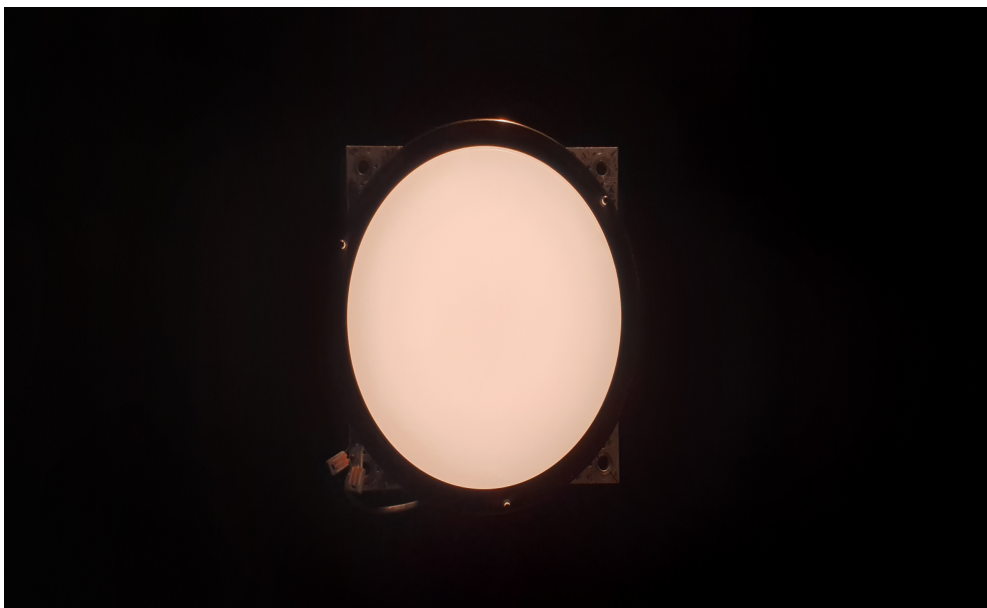


## Test Report of Luminaire

Report No.:

Luminaire Type	4313-1		
Lamp Type	LED		
Client		EUT NO.	CCT: 3026K, CRI: 84.0Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.132
Power:	15.1	Power Factor	0.947
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	920.57 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	278.248cd	Central Intensity	278.248cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-92057.05%		
50%Imax Beam Width	C0_180[ 60.3 ,-61.3] C90_270[ 61.6 ,-60.1]		
Remark			

### Luminaire Figure



## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 4313-1

C\G	0	5	10	15	20	25	30	35	40	45
0	278.2	276.8	273.1	267.8	260.5	251.1	240.2	227.6	213.3	197.1
5	278.2	276.8	273.2	267.9	260.6	251.3	240.4	227.8	213.5	197.4
10	278.2	276.9	273.3	268.0	260.8	251.5	240.7	228.0	213.8	197.7
15	278.2	276.9	273.4	268.1	261.1	251.7	240.8	228.3	214.1	198.0
20	278.2	276.9	273.4	268.2	261.2	251.9	241.1	228.6	214.4	198.3
25	278.2	277.0	273.5	268.2	261.3	252.1	241.3	228.8	214.7	198.7
30	278.2	277.0	273.6	268.4	261.7	252.3	241.5	229.1	215.0	198.9
35	278.2	277.0	273.6	268.5	261.8	252.5	241.7	229.3	215.2	199.3
40	278.2	277.1	273.7	268.6	262.0	252.7	241.9	229.6	215.5	199.6
45	278.2	277.1	273.8	268.7	262.2	252.9	242.1	229.8	215.7	199.8
50	278.2	277.2	273.8	268.9	262.4	253.0	242.3	230.1	216.0	200.1
55	278.2	277.2	273.9	269.0	262.4	253.2	242.6	230.3	216.2	200.4
60	278.2	277.2	274.0	269.1	262.6	253.3	242.7	230.5	216.5	200.6
65	278.2	277.3	274.0	269.2	262.6	253.5	242.9	230.7	216.7	200.9
70	278.2	277.3	274.1	269.2	262.5	253.6	243.1	230.8	216.8	201.1
75	278.2	277.3	274.1	269.3	262.9	253.8	243.2	231.0	217.0	201.2
80	278.2	277.3	274.2	269.2	262.9	253.9	243.3	231.1	217.1	201.4
85	278.2	277.3	274.6	269.8	263.0	254.0	243.4	231.2	217.2	201.6
90	278.2	277.3	274.2	269.4	262.9	254.0	243.5	231.3	217.3	201.6
95	278.2	277.4	274.2	269.4	262.9	254.0	243.5	231.3	217.4	201.7
100	278.2	277.4	274.2	269.4	262.9	254.1	243.6	231.4	217.5	201.8
105	278.2	277.3	274.2	269.5	262.9	254.1	243.6	231.5	217.5	201.8
110	278.2	277.4	274.2	269.5	262.9	254.1	243.7	231.5	217.5	201.8
115	278.2	277.3	274.2	269.4	262.9	254.1	243.6	231.5	217.5	201.8
120	278.2	277.3	274.3	269.4	263.0	254.1	243.6	231.4	217.5	201.8
125	278.2	277.3	274.2	269.4	263.0	254.1	243.6	231.4	217.4	201.7
130	278.2	277.3	274.2	269.4	263.0	254.1	243.5	231.3	217.4	201.7
135	278.2	277.3	274.2	269.4	262.9	254.1	243.5	231.3	217.3	201.6
140	278.2	277.3	274.2	269.3	262.9	254.1	243.4	231.2	217.3	201.5
145	278.2	277.3	274.2	269.4	262.9	254.0	243.4	231.1	217.2	201.4
150	278.2	277.2	274.1	269.3	262.8	253.9	243.3	231.0	217.0	201.3
155	278.2	277.3	274.1	269.3	262.7	253.9	243.2	230.9	216.9	201.1
160	278.2	277.2	274.1	269.3	262.7	253.7	243.1	230.8	216.8	201.0
165	278.2	277.2	274.1	269.3	262.6	253.7	243.0	230.7	216.7	200.9
170	278.2	277.2	274.0	269.2	262.5	253.6	242.9	230.6	216.6	200.8
175	278.2	277.2	273.9	269.2	262.5	253.5	242.9	230.5	216.5	200.7
180	278.2	277.2	274.0	269.2	262.4	253.4	242.8	230.4	216.4	200.6
185	278.2	277.2	273.9	269.2	262.4	253.4	242.7	230.3	216.3	200.5
190	278.2	277.2	273.9	269.1	262.3	253.3	242.6	230.3	216.3	200.4
195	278.2	277.2	273.9	269.1	262.2	253.3	242.5	230.2	216.2	200.4
200	278.2	277.2	273.9	269.0	262.2	253.1	242.5	230.1	216.1	200.3
205	278.2	277.2	273.9	269.0	262.1	253.1	242.3	230.0	215.9	200.1
210	278.2	277.2	273.9	268.9	262.0	252.9	242.2	229.8	215.8	199.9
215	278.2	277.1	273.8	268.8	261.9	252.8	242.1	229.7	215.6	199.8
220	278.2	277.1	273.8	268.7	261.7	252.6	241.9	229.5	215.4	199.5
225	278.2	277.1	273.7	268.6	261.5	252.5	241.7	229.3	215.2	199.3
230	278.2	277.0	273.7	268.5	261.4	252.3	241.5	229.1	214.9	199.0
235	278.2	277.0	273.6	268.4	261.3	252.1	241.3	228.8	214.7	198.7

## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 4313-1

240	278.2	276.9	273.6	268.3	261.1	251.9	241.1	228.6	214.4	198.4
245	278.2	276.9	273.5	268.2	260.9	251.7	240.9	228.3	214.1	198.1
250	278.2	276.9	273.5	268.1	260.7	251.5	240.7	228.1	213.8	197.8
255	278.2	276.9	273.4	268.0	260.6	251.3	240.4	227.8	213.5	197.4
260	278.2	276.8	273.3	267.9	260.4	251.1	240.2	227.5	213.2	197.1
265	278.2	276.8	273.3	267.8	260.3	250.9	239.9	227.3	213.0	196.8
270	278.2	276.7	273.2	267.7	260.2	250.7	239.7	227.0	212.7	196.6
275	278.2	276.7	273.1	267.6	260.3	250.6	239.5	226.8	212.4	196.3
280	278.2	276.7	273.1	267.5	259.9	250.4	239.4	226.6	212.2	196.1
285	278.2	276.6	273.0	267.4	259.8	250.2	239.2	226.4	212.0	195.8
290	278.2	276.6	273.0	267.3	259.6	250.1	239.0	226.2	211.8	195.6
295	278.2	276.6	272.9	267.2	259.5	249.9	238.9	226.1	211.7	195.5
300	278.2	276.6	272.9	267.2	259.4	249.8	238.8	226.0	211.5	195.4
305	278.2	276.5	272.9	267.2	259.4	249.8	238.7	225.9	211.4	195.3
310	278.2	276.5	272.9	267.1	259.4	249.7	238.7	225.8	211.4	195.2
315	278.2	276.5	272.8	267.2	259.3	249.7	238.7	225.9	211.4	195.2
320	278.2	276.5	272.9	267.2	259.4	249.7	238.7	225.9	211.4	195.2
325	278.2	276.5	272.9	267.2	259.4	249.8	238.7	225.9	211.5	195.3
330	278.2	276.6	272.9	267.2	259.6	249.9	238.9	226.0	211.6	195.5
335	278.2	276.6	272.9	267.3	259.6	250.0	239.0	226.2	211.8	195.6
340	278.2	276.6	273.0	267.3	259.7	250.2	239.2	226.4	212.0	195.9
345	278.2	276.7	273.0	267.5	260.0	250.4	239.4	226.7	212.3	196.1
350	278.2	276.7	273.1	267.6	260.1	250.7	239.7	227.0	212.6	196.5
355	278.2	276.7	273.2	267.7	260.2	250.9	239.9	227.2	212.9	196.8
360	278.2	276.8	273.1	267.8	260.5	251.1	240.2	227.6	213.3	197.1

C\G	50	55	60	65	70	75	80	85	90
0	179.5	160.6	140.3	119.3	98.2	78.2	60.9	46.8	35.8
5	179.8	160.9	140.6	119.6	98.5	78.4	61.1	46.9	35.9
10	180.2	161.2	140.9	119.9	98.7	78.6	61.2	47.0	35.9
15	180.5	161.5	141.3	120.2	99.1	78.9	61.4	47.1	35.9
20	180.8	161.9	141.6	120.6	99.4	79.1	61.6	47.3	36.0
25	181.1	162.2	142.0	120.9	99.8	79.5	61.9	47.5	36.2
30	181.4	162.6	142.4	121.3	100.1	79.8	62.2	47.7	36.4
35	181.8	163.0	142.7	121.7	100.5	80.2	62.5	48.0	36.6
40	182.2	163.3	143.1	122.1	100.9	80.6	62.9	48.3	36.9
45	182.5	163.7	143.5	122.4	101.3	81.0	63.2	48.6	37.1
50	182.8	164.0	143.8	122.8	101.7	81.3	63.5	48.8	37.3
55	183.0	164.3	144.2	123.2	102.0	81.6	63.8	49.1	37.5
60	183.3	164.6	144.5	123.5	102.4	82.0	64.1	49.4	37.7
65	183.5	164.9	144.8	123.8	102.7	82.3	64.5	49.7	37.9
70	183.8	165.1	145.1	124.1	103.0	82.6	64.7	50.0	38.2
75	184.0	165.3	145.3	124.3	103.2	82.8	64.9	50.0	38.2
80	184.1	165.4	145.4	124.5	103.3	82.9	65.0	50.0	38.2
85	184.3	165.5	145.6	124.7	103.5	83.1	65.1	50.1	38.3
90	184.4	165.7	145.7	124.8	103.7	83.3	65.4	50.5	38.5
95	184.5	165.8	145.9	125.0	103.9	83.6	65.7	50.8	38.9
100	184.6	165.9	145.9	125.1	104.0	83.8	65.9	51.0	39.1

## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 4313-1

105	184.6	165.9	146.0	125.1	104.1	83.9	66.0	51.1	39.2
110	184.6	165.9	145.9	125.1	104.1	84.0	66.0	51.2	39.2
115	184.6	165.9	145.9	125.1	104.1	84.0	66.1	51.2	39.2
120	184.5	165.8	145.8	125.0	104.0	83.9	66.1	51.2	39.2
125	184.5	165.7	145.8	124.9	104.0	83.9	66.0	51.2	39.2
130	184.4	165.6	145.7	124.8	103.9	83.8	65.9	51.1	39.1
135	184.3	165.5	145.5	124.7	103.7	83.6	65.8	51.0	39.0
140	184.2	165.5	145.4	124.6	103.6	83.5	65.7	50.9	38.9
145	184.1	165.4	145.3	124.5	103.5	83.4	65.6	50.8	38.8
150	184.0	165.2	145.2	124.4	103.4	83.3	65.4	50.7	38.7
155	183.9	165.1	145.1	124.2	103.2	83.1	65.3	50.5	38.6
160	183.7	164.9	144.9	124.0	103.0	83.0	65.2	50.5	38.6
165	183.6	164.8	144.7	123.9	102.9	82.8	65.0	50.3	38.5
170	183.5	164.7	144.6	123.8	102.7	82.6	64.8	50.2	38.4
175	183.4	164.6	144.5	123.6	102.6	82.5	64.7	50.0	38.3
180	183.3	164.5	144.5	123.5	102.5	82.3	64.5	49.9	38.2
185	183.2	164.5	144.4	123.5	102.4	82.2	64.5	49.8	38.1
190	183.1	164.4	144.3	123.4	102.3	82.1	64.3	49.7	38.0
195	183.1	164.3	144.2	123.3	102.1	81.8	64.0	49.4	37.7
200	182.9	164.1	144.0	123.1	101.9	81.6	63.7	49.0	37.4
205	182.6	163.9	143.8	122.8	101.7	81.4	63.5	48.9	37.3
210	182.6	163.7	143.6	122.7	101.5	81.2	63.5	48.9	37.4
215	182.4	163.5	143.4	122.5	101.3	81.1	63.5	49.0	37.5
220	182.1	163.3	143.1	122.2	101.0	80.8	63.3	48.8	37.5
225	181.9	163.0	142.8	121.8	100.7	80.5	63.0	48.6	37.3
230	181.5	162.6	142.5	121.4	100.3	80.2	62.7	48.4	37.2
235	181.2	162.3	142.1	121.1	100.0	79.9	62.5	48.2	37.1
240	180.9	162.0	141.7	120.7	99.6	79.6	62.2	48.1	37.0
245	180.6	161.6	141.3	120.3	99.2	79.3	62.0	47.9	36.9
250	180.2	161.2	141.0	120.0	98.9	78.9	61.7	47.7	36.8
255	179.9	160.9	140.6	119.6	98.5	78.6	61.4	47.4	36.5
260	179.5	160.5	140.2	119.2	98.2	78.4	61.2	47.3	36.4
265	179.2	160.2	139.9	118.9	97.9	78.1	61.0	47.1	36.3
270	178.9	159.9	139.6	118.6	97.6	77.8	60.8	47.0	36.2
275	178.6	159.5	139.3	118.3	97.3	77.6	60.6	46.9	36.1
280	178.4	159.3	139.0	118.0	97.1	77.4	60.5	46.8	36.1
285	178.2	159.1	138.8	117.8	96.9	77.1	60.3	46.7	36.0
290	178.0	158.9	138.5	117.5	96.6	77.0	60.1	46.6	35.9
295	177.8	158.7	138.3	117.4	96.4	76.8	60.0	46.5	35.8
300	177.6	158.5	138.2	117.2	96.3	76.7	59.9	46.4	35.8
305	177.5	158.4	138.1	117.1	96.2	76.6	59.8	46.3	35.7
310	177.5	158.3	138.1	117.1	96.2	76.5	59.7	46.2	35.6
315	177.5	158.3	138.0	117.0	96.1	76.4	59.5	46.0	35.4
320	177.4	158.3	138.0	117.0	96.0	76.3	59.4	45.8	35.2
325	177.5	158.4	138.1	117.1	96.1	76.3	59.3	45.7	35.1
330	177.7	158.6	138.3	117.3	96.3	76.5	59.5	45.9	35.2
335	177.9	158.8	138.5	117.5	96.6	76.8	59.8	46.1	35.4
340	178.2	159.1	138.8	117.8	96.8	77.0	60.0	46.3	35.6
345	178.5	159.4	139.2	118.2	97.1	77.2	60.1	46.4	35.6

## ***RP Lighting • Fans***

### **Photometric Data Table      [Unit:cd] 4313-1**

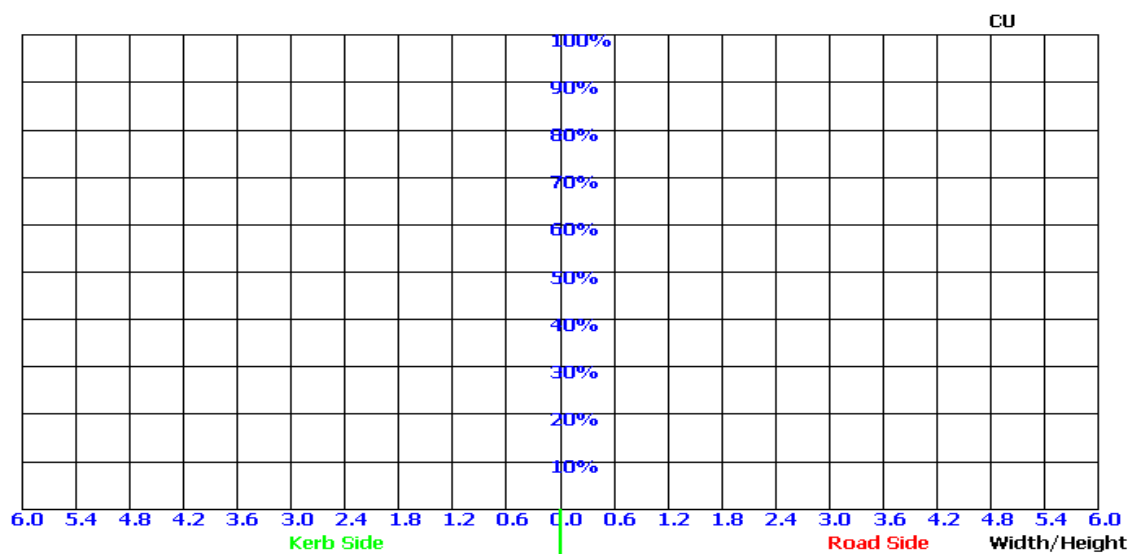
<b>350</b>	178.8	159.8	139.5	118.5	97.5	77.5	60.3	46.5	35.7
<b>355</b>	179.2	160.2	139.9	118.9	97.8	77.8	60.6	46.7	35.8
<b>360</b>	179.5	160.6	140.3	119.3	98.2	78.2	60.9	46.8	35.8

## ***RP Lighting • Fans***

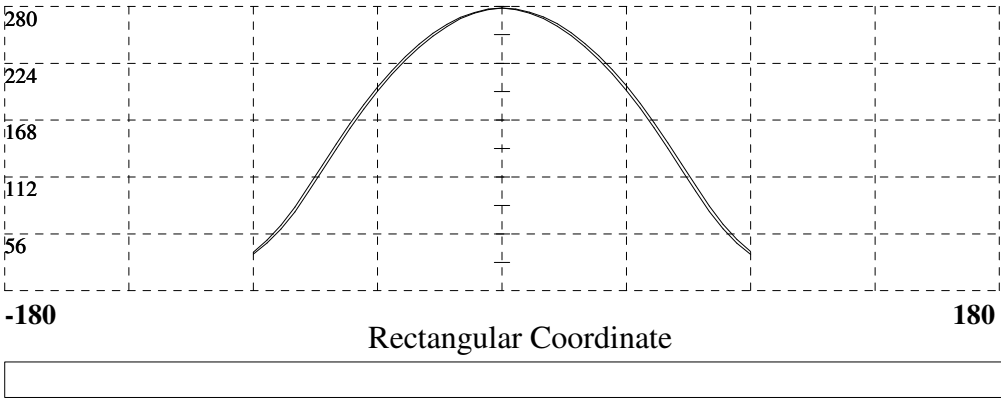
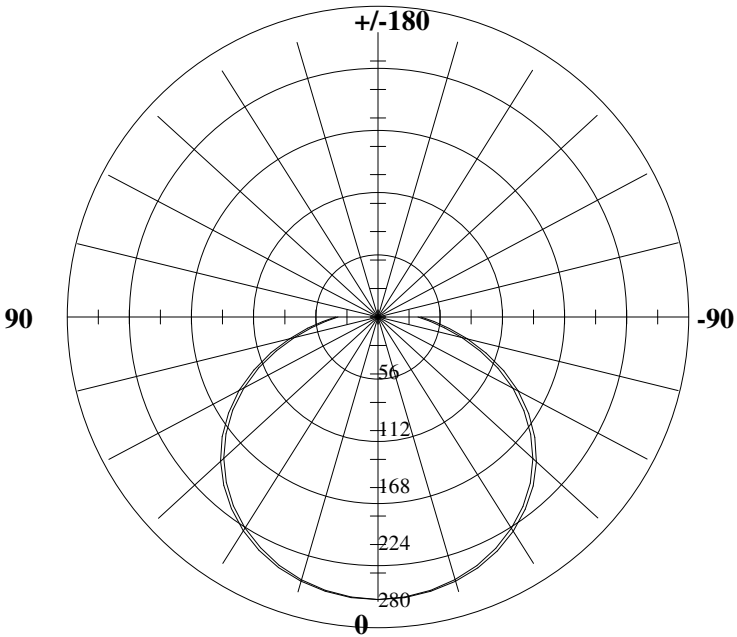
### **Zonal Flux: 4313-1**

<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>
<b>0</b>	278.25	0.00	0.00	0.00	0.00
<b>5</b>	277.02	6.64	6.64	-663.81	-663.81
<b>10</b>	273.65	19.70	26.34	-1969.95	-2633.76
<b>15</b>	268.50	32.16	58.50	-3216.00	-5849.76
<b>20</b>	261.49	43.68	102.18	-4367.82	-10217.59
<b>25</b>	252.31	53.89	156.06	-5388.80	-15606.39
<b>30</b>	241.52	62.50	218.56	-6249.51	-21855.90
<b>35</b>	229.06	69.30	287.86	-6929.66	-28785.57
<b>40</b>	214.90	74.07	361.93	-7407.17	-36192.74
<b>45</b>	198.99	76.63	438.56	-7663.46	-43856.18
<b>50</b>	181.52	76.89	515.45	-7688.68	-51544.85
<b>55</b>	162.63	74.83	590.28	-7482.96	-59027.81
<b>60</b>	142.48	70.52	660.80	-7052.45	-66080.26
<b>65</b>	121.53	64.18	724.98	-6418.05	-72498.32
<b>70</b>	100.47	56.21	781.20	-5621.28	-78119.57
<b>75</b>	80.40	47.28	828.47	-4727.89	-82847.45
<b>80</b>	62.88	38.34	866.81	-3833.99	-86681.45
<b>85</b>	48.55	30.28	897.09	-3027.94	-89709.39
<b>90</b>	37.19	23.48	920.57	-2347.65	-92057.03

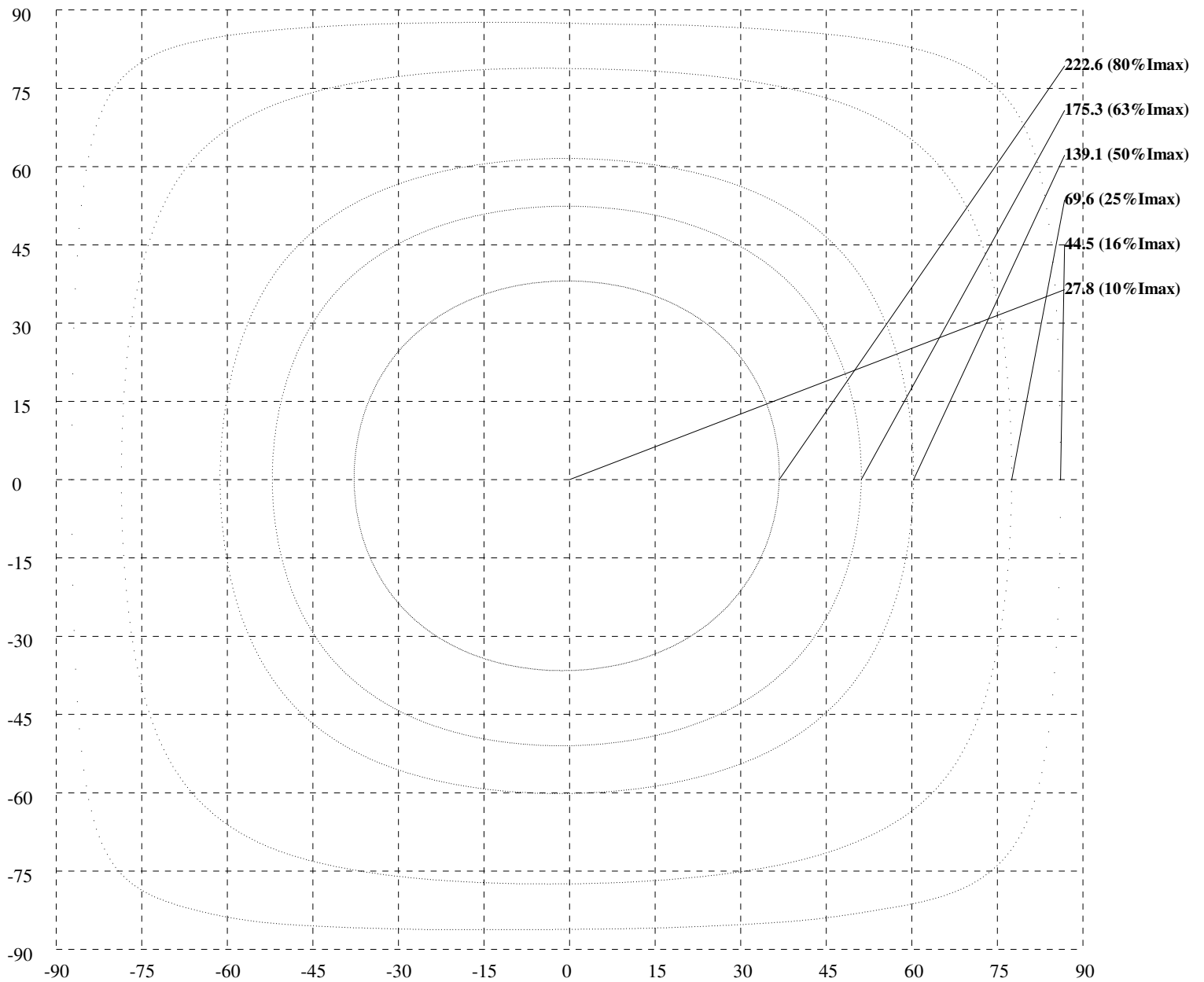
***RP Lighting • Fans***  
***Coefficient Utilization Curve 4313-1***



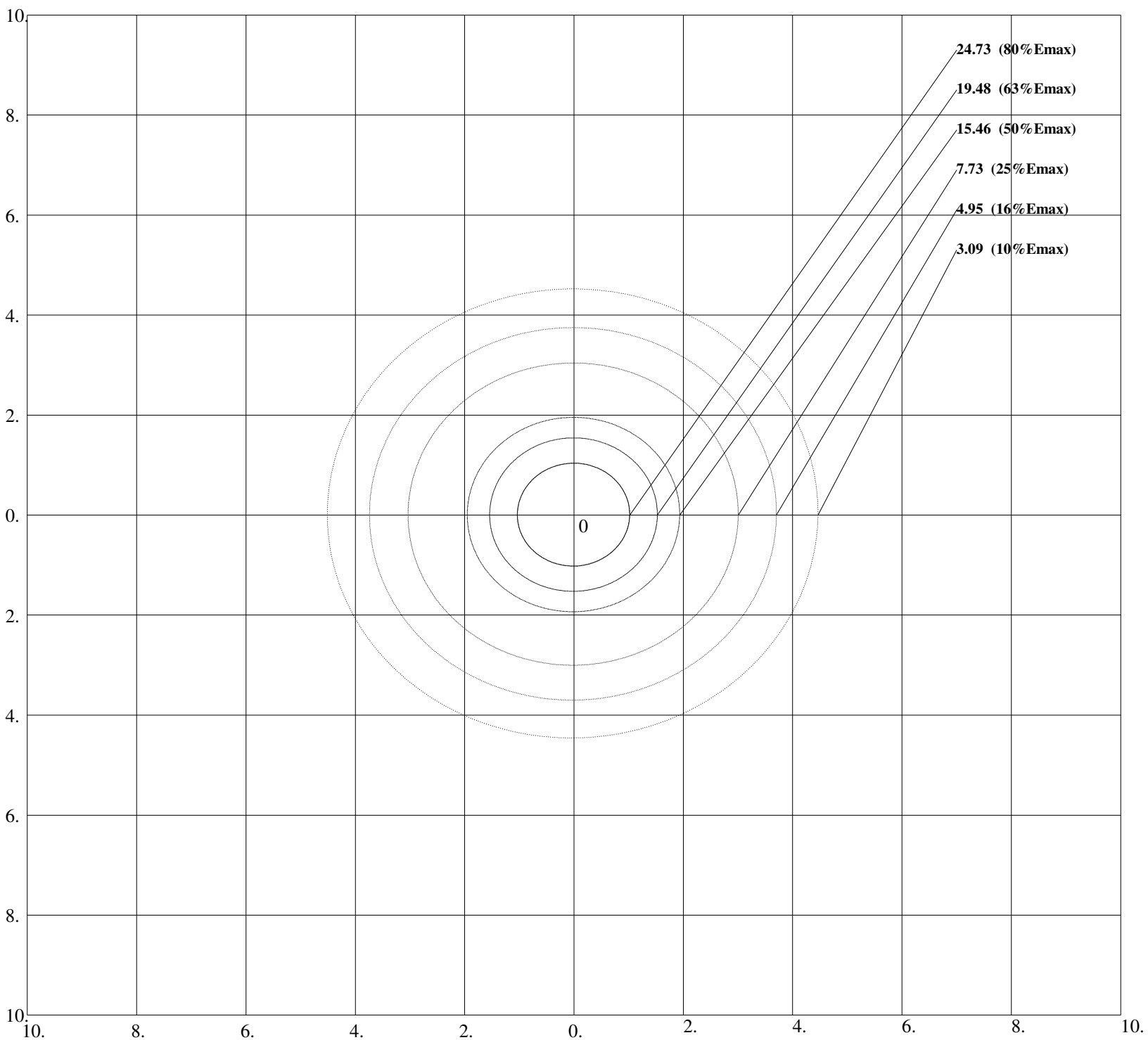
Light Distribution Curve[Unit: cd]







Iso-Lux [Unit :lx]4313-1



Units: lx  
Height: 3 m  
Max Illuminance : 30.92lx

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

