

## Test Report of Luminaire

**Report No.:**

Luminaire Type	4314-1		
Lamp Type	LED		
Client		EUT NO.	CCT: 3055K, CRI: 83.7Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.217
Power:	23.9	Power Factor	0.916
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	1432.47 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	441.232cd	Central Intensity	441.232cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-143247.4%		
50%Imax Beam Width	C0_180[ 59.3 ,-60.0] C90_270[ 59.8 ,-59.3]		
Remark			

### Luminaire Figure



## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 4314-1

C\G	0	5	10	15	20	25	30	35	40	45
0	441.2	438.0	431.1	421.8	409.6	394.4	376.1	355.4	332.0	306.0
5	441.2	437.9	430.9	421.4	409.2	393.9	375.6	354.7	331.3	305.4
10	441.2	437.6	430.7	421.1	408.7	393.4	375.0	354.2	330.7	304.8
15	441.2	437.5	430.5	420.8	408.4	393.1	374.7	353.6	330.0	304.1
20	441.2	437.4	430.2	420.6	408.1	392.6	374.2	353.0	329.5	303.5
25	441.2	437.1	430.0	420.3	407.7	392.2	373.6	352.5	329.0	302.9
30	441.2	437.1	430.0	420.2	407.5	392.0	373.5	352.4	328.8	302.7
35	441.2	437.0	429.8	419.9	407.9	392.0	373.5	352.3	328.8	302.7
40	441.2	436.9	429.7	419.9	407.6	392.1	373.5	352.4	328.9	302.7
45	441.2	436.8	429.8	420.1	407.7	392.2	373.7	352.6	328.9	302.9
50	441.2	436.9	429.8	420.2	407.9	392.5	373.8	352.8	329.3	303.3
55	441.2	437.0	430.0	420.5	408.2	392.8	374.2	353.3	329.7	303.7
60	441.2	437.1	430.2	420.7	408.5	393.1	374.7	353.8	330.2	304.3
65	441.2	437.2	430.3	421.1	408.8	393.5	375.2	354.3	330.9	305.0
70	441.2	437.2	430.5	421.3	409.3	394.1	375.8	355.0	331.5	305.7
75	441.2	437.4	430.8	421.7	409.8	394.7	376.5	355.7	332.4	306.6
80	441.2	437.5	431.1	422.0	410.2	395.2	377.2	356.4	333.3	307.5
85	441.2	437.6	431.3	422.5	410.8	396.0	378.0	357.4	334.2	308.5
90	441.2	437.7	431.6	422.6	411.2	396.7	378.7	358.2	335.0	309.5
95	441.2	437.7	431.5	423.0	411.5	396.7	379.0	358.4	335.3	309.9
100	441.2	437.7	431.6	422.7	411.3	396.9	379.2	358.6	335.8	310.2
105	441.2	437.8	431.7	422.9	411.6	396.9	379.3	358.7	335.8	310.8
110	441.2	437.9	431.9	423.2	411.8	397.4	379.7	359.4	336.4	311.0
115	441.2	437.9	432.1	423.6	412.2	397.7	380.2	359.9	337.2	311.8
120	441.2	438.0	432.3	423.7	412.4	398.2	380.8	360.5	337.9	312.7
125	441.2	438.1	432.4	424.0	412.8	398.6	381.3	361.2	338.5	313.3
130	441.2	438.2	432.6	424.2	413.2	399.0	381.7	361.5	339.0	313.8
135	441.2	438.2	432.7	424.3	413.4	399.3	382.0	362.0	339.3	314.2
140	441.2	439.4	432.7	424.5	413.5	399.4	382.1	362.2	339.5	314.3
145	441.2	439.3	432.7	424.8	414.4	399.4	382.2	362.2	339.5	314.4
150	441.2	438.2	432.6	424.7	413.4	399.3	382.0	362.1	339.3	314.2
155	441.2	438.3	432.7	424.5	413.4	399.2	381.7	361.8	339.1	313.7
160	441.2	438.2	432.6	424.4	413.3	398.9	381.4	361.4	338.7	313.3
165	441.2	438.2	432.4	424.0	413.0	398.6	381.1	360.9	338.1	312.7
170	441.2	438.2	432.3	423.9	412.7	398.2	380.5	360.3	337.4	311.9
175	441.2	438.5	432.2	423.7	412.3	397.7	380.0	359.6	336.6	310.9
180	441.2	438.3	432.2	423.5	411.9	396.7	379.1	358.9	335.7	309.8
185	441.2	437.9	431.7	422.6	410.9	395.9	378.0	357.5	334.4	308.6
190	441.2	437.8	431.4	422.4	410.3	395.3	377.2	356.7	333.5	307.7
195	441.2	437.5	431.1	421.9	409.8	394.8	377.4	356.0	332.7	306.7
200	441.2	437.4	430.9	421.5	409.5	394.3	376.1	355.2	331.8	306.0
205	441.2	437.4	431.0	421.4	409.4	394.2	376.8	355.3	331.8	306.1
210	441.2	437.3	430.9	422.4	409.4	394.3	376.0	355.3	331.8	306.0
215	441.2	437.3	430.9	422.4	409.4	394.3	376.1	355.2	331.8	306.1
220	441.2	437.3	430.8	422.3	409.4	394.2	376.0	355.3	331.8	306.0
225	441.2	437.3	430.9	422.4	409.4	394.3	376.0	355.3	331.9	306.1
230	441.2	437.3	430.8	422.4	409.5	394.4	376.0	355.3	331.8	306.1
235	441.2	437.2	430.8	422.3	409.5	394.3	376.1	355.3	331.8	306.1

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### Photometric Data Table [Unit:cd] 4314-1

240	441.2	437.2	430.8	422.3	409.4	394.3	376.1	355.3	331.8	306.1
245	441.2	437.3	431.0	421.5	409.4	394.2	376.0	355.3	331.7	306.1
250	441.2	437.2	430.8	421.3	409.5	394.1	376.0	355.3	331.8	306.1
255	441.2	437.2	430.9	421.4	409.5	394.2	376.0	355.3	331.9	306.0
260	441.2	437.2	431.0	421.4	409.5	394.2	376.1	355.2	332.4	306.0
265	441.2	437.1	430.8	421.4	409.5	394.3	376.0	355.3	331.8	306.0
270	441.2	437.1	431.0	421.5	409.4	394.3	376.0	355.2	331.8	306.0
275	441.2	437.2	430.9	421.5	409.4	394.3	376.0	355.2	331.7	306.0
280	441.2	437.1	430.8	421.5	409.4	394.3	376.0	355.3	331.8	306.0
285	441.2	437.2	430.9	421.5	409.4	394.2	376.0	355.3	331.8	306.0
290	441.2	437.1	430.8	421.3	409.4	394.2	376.0	355.3	331.8	306.1
295	441.2	437.1	430.8	421.4	409.4	394.2	376.1	355.3	331.8	306.1
300	441.2	437.1	430.8	421.5	409.3	394.2	376.0	355.3	331.8	306.1
305	441.2	437.2	430.7	421.4	409.4	394.2	376.0	355.3	331.8	306.1
310	441.2	437.1	430.8	421.5	409.4	394.3	376.1	355.3	331.8	306.0
315	441.2	437.2	430.8	421.4	409.4	394.3	376.0	355.2	331.7	306.1
320	441.2	437.1	430.7	421.4	409.4	394.3	376.1	355.3	331.8	306.1
325	441.2	437.0	430.7	421.3	409.4	394.3	376.0	355.3	331.8	306.0
330	441.2	437.0	430.8	421.5	409.3	394.3	376.0	355.2	331.7	306.1
335	441.2	437.0	430.7	421.4	409.4	394.2	376.0	355.2	331.8	306.0
340	441.2	437.0	430.7	421.5	409.4	394.2	376.0	355.3	331.8	306.0
345	441.2	437.0	430.7	421.5	409.5	394.2	376.0	355.3	331.8	306.0
350	441.2	437.0	430.7	421.4	409.5	394.2	376.0	355.2	331.7	306.1
355	441.2	437.0	430.7	421.4	409.4	394.2	376.0	355.4	331.8	306.0
360	441.2	438.0	431.1	421.8	409.6	394.4	376.1	355.4	332.0	306.0

C\G	50	55	60	65	70	75	80	85	90
0	277.8	247.6	216.0	184.2	153.6	125.4	100.5	78.9	60.4
5	277.1	246.8	215.2	183.5	152.9	124.7	99.9	78.6	60.1
10	276.4	246.1	214.5	182.7	152.2	124.2	99.6	78.3	59.9
15	275.7	245.4	213.6	181.9	151.4	123.6	99.0	77.8	59.5
20	275.0	244.8	213.0	181.2	150.8	122.8	98.3	77.4	59.2
25	274.4	244.1	212.6	180.7	150.3	122.3	97.8	77.0	58.9
30	274.2	243.8	212.3	180.4	149.9	122.0	97.5	76.6	58.6
35	274.2	243.7	212.2	180.3	149.7	121.8	97.3	76.5	58.5
40	274.2	243.7	212.3	180.3	149.7	121.8	97.3	76.5	58.5
45	274.3	243.9	212.4	180.4	149.9	121.9	97.4	76.5	58.7
50	274.6	244.3	212.7	180.8	150.2	122.2	97.6	76.7	58.8
55	275.2	244.8	213.3	181.3	150.7	122.6	98.0	77.0	59.1
60	275.8	245.5	213.9	182.0	151.3	123.1	98.4	77.4	59.4
65	276.6	246.3	214.7	182.7	151.8	123.5	98.6	77.5	59.4
70	277.4	247.1	215.6	183.5	152.7	124.3	99.3	78.0	59.8
75	278.4	248.1	216.5	184.6	153.7	125.3	100.3	79.0	60.8
80	279.4	249.1	217.6	185.6	154.7	126.2	101.1	79.8	61.4
85	280.5	250.2	218.7	186.7	155.8	127.2	102.0	80.5	62.0
90	281.5	251.2	219.6	187.7	156.6	127.9	102.6	81.0	62.4
95	281.8	251.5	220.2	188.4	157.3	128.6	103.2	81.4	62.7
100	282.3	252.0	220.8	189.0	158.2	129.2	103.7	81.9	63.0

## RP Lighting • Fans

### Photometric Data Table

[Unit:cd] 4314-1

105	282.5	252.5	221.2	189.6	158.5	129.7	104.2	82.3	63.4
110	283.3	253.3	222.1	190.2	159.3	130.5	104.9	83.0	64.0
115	284.2	254.3	222.9	191.1	160.1	131.2	105.6	83.5	64.4
120	285.0	255.2	223.8	192.0	161.0	132.0	106.3	84.1	64.8
125	285.7	256.0	224.6	192.7	161.7	132.6	106.8	84.5	65.2
130	286.2	256.5	225.1	193.2	162.0	132.9	107.0	84.6	65.2
135	286.5	256.7	225.4	193.5	162.2	133.2	107.1	84.5	65.0
140	286.6	256.9	225.6	193.7	162.4	133.4	107.5	84.9	65.4
145	286.6	256.9	225.5	193.6	162.3	133.3	107.4	84.9	65.4
150	286.4	256.5	225.2	193.2	162.0	133.1	107.2	84.8	65.2
155	285.9	256.2	224.7	192.7	161.5	132.6	106.8	84.4	65.0
160	285.5	255.5	224.1	192.1	160.9	132.0	106.2	84.0	64.5
165	284.7	254.8	223.1	191.3	160.2	131.0	105.6	83.2	63.8
170	284.0	253.8	222.2	190.2	159.2	130.2	104.9	82.4	63.1
175	282.6	252.8	221.7	189.2	158.2	129.5	104.0	81.9	62.8
180	281.7	251.5	220.5	187.9	157.1	128.5	103.1	81.4	62.4
185	280.6	250.5	219.4	186.9	156.1	127.6	102.5	80.9	62.0
190	279.6	249.3	218.3	186.0	155.3	127.0	101.9	80.4	61.6
195	278.6	248.4	217.4	185.1	154.4	126.1	101.3	79.8	61.1
200	277.8	247.5	216.4	184.2	153.6	125.4	100.4	79.0	60.3
205	277.8	247.5	216.5	184.2	153.6	125.4	100.4	79.0	60.3
210	277.8	247.5	216.5	184.2	153.6	125.4	100.4	78.9	60.3
215	277.8	247.5	216.4	184.2	153.6	125.4	100.4	78.9	60.3
220	277.8	247.4	216.5	184.1	153.6	125.4	100.4	79.0	60.3
225	277.8	247.5	216.0	184.2	153.6	125.4	100.4	79.0	60.3
230	277.8	247.4	216.1	184.2	153.6	125.4	100.4	78.9	60.3
235	277.8	247.5	216.1	184.2	153.6	125.4	100.4	79.0	60.3
240	277.8	247.5	216.0	184.2	153.6	125.4	100.4	79.0	60.3
245	277.8	247.4	216.0	184.3	153.6	125.5	100.4	78.9	60.3
250	277.7	247.5	216.1	184.2	153.5	125.4	100.4	79.0	60.3
255	277.7	248.0	216.0	184.2	153.6	125.4	100.4	79.0	60.3
260	277.7	247.5	216.1	184.2	153.6	125.4	100.4	79.0	60.3
265	277.7	247.5	216.1	184.2	153.6	125.4	100.4	79.0	60.3
270	277.7	247.5	216.0	184.2	153.6	125.4	100.4	79.0	60.3
275	277.8	247.4	216.0	184.4	153.6	125.4	100.4	78.9	60.4
280	277.7	247.5	216.1	184.2	153.6	125.4	100.4	79.0	60.3
285	277.8	247.6	216.0	184.2	153.6	125.4	100.4	78.9	60.3
290	277.8	247.6	216.1	184.2	153.6	125.4	100.4	78.9	60.3
295	277.8	247.6	216.1	184.2	153.6	125.4	100.4	78.9	60.3
300	277.8	247.6	216.0	184.2	153.6	125.4	100.4	79.0	60.3
305	277.9	247.6	216.1	184.3	153.6	125.3	100.4	78.9	60.3
310	277.8	247.6	216.1	184.2	153.6	125.4	100.4	79.0	60.3
315	277.8	247.6	216.0	184.2	153.6	125.4	100.4	78.9	60.3
320	277.8	247.6	216.1	184.2	153.6	125.4	100.4	79.0	60.3
325	277.8	247.6	216.0	184.2	153.6	125.4	100.4	78.9	60.3
330	277.8	247.6	216.0	184.3	153.6	125.4	100.4	79.0	60.3
335	277.8	247.6	216.0	184.2	153.6	125.4	100.4	78.9	60.3
340	277.8	247.6	216.1	184.2	153.6	125.4	100.4	78.9	60.3
345	277.8	247.5	216.1	184.3	153.6	125.4	100.4	79.0	60.3

## ***RP Lighting • Fans***

### **Photometric Data Table**

**[Unit:cd] 4314-1**

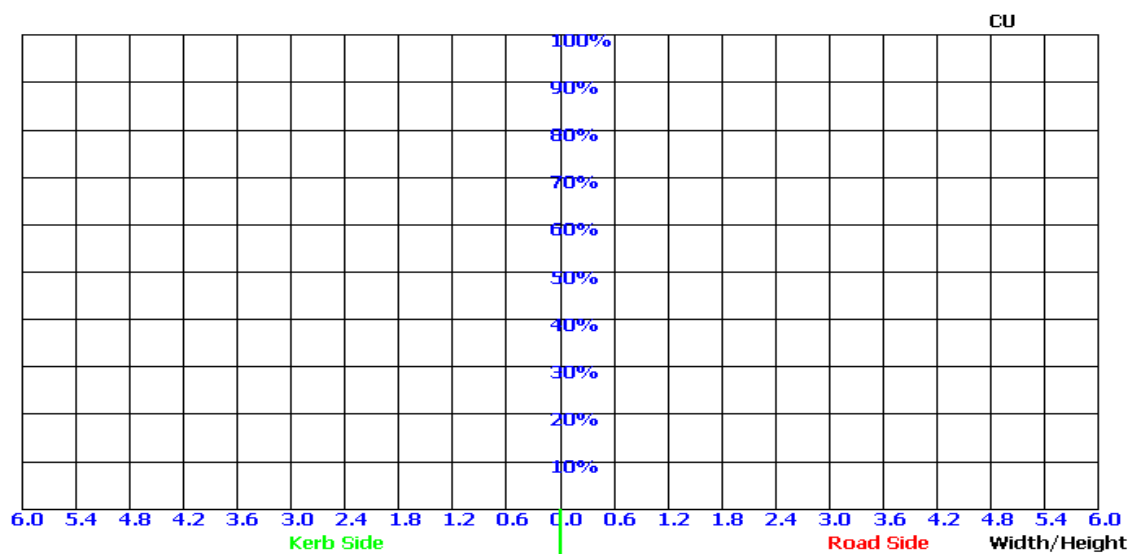
<b>350</b>	277.8	247.6	216.0	184.2	153.6	125.4	100.4	78.9	60.3
<b>355</b>	277.9	247.6	216.0	184.3	153.6	125.4	100.4	78.9	60.3
<b>360</b>	277.8	247.6	216.0	184.2	153.6	125.4	100.5	78.9	60.4

## ***RP Lighting • Fans***

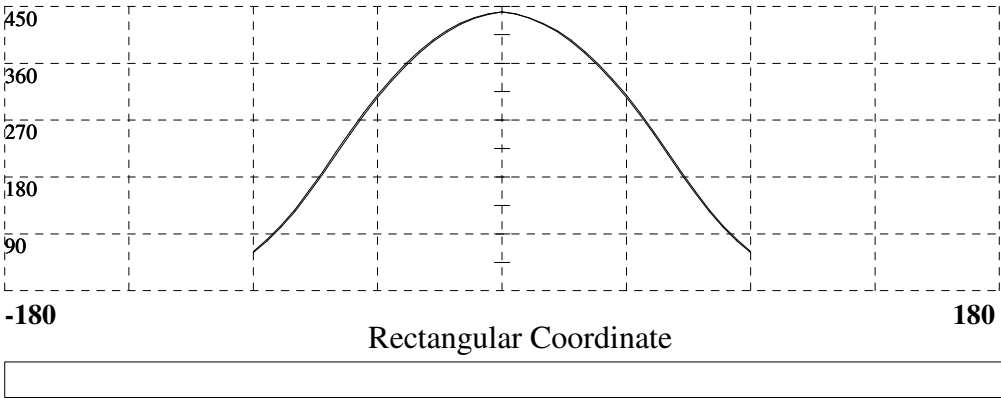
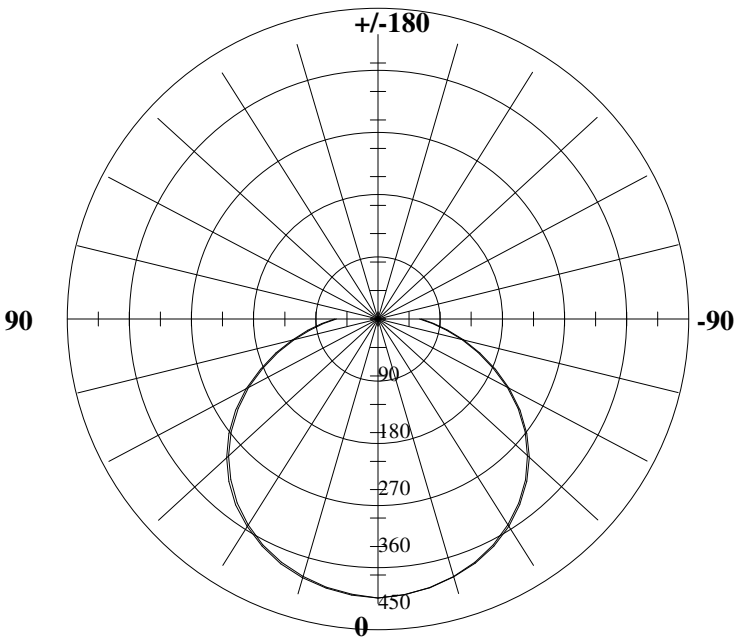
### **Zonal Flux 4314-1**

<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>	441.23	0.00	0.00	0.00	0.00
<b>5</b>	437.49	10.50	10.50	-1050.49	-1050.49
<b>10</b>	431.10	31.07	41.58	-3107.24	-4157.73
<b>15</b>	422.06	50.61	92.19	-5060.89	-9218.62
<b>20</b>	410.10	68.58	160.77	-6858.18	-16076.81
<b>25</b>	395.10	84.45	245.22	-8445.10	-24521.91
<b>30</b>	377.03	97.71	342.93	-9771.32	-34293.24
<b>35</b>	356.36	108.00	450.93	-10799.65	-45092.90
<b>40</b>	333.07	115.03	565.96	-11502.66	-56595.56
<b>45</b>	307.36	118.58	684.54	-11858.13	-68453.70
<b>50</b>	279.21	118.52	803.06	-11852.46	-80306.16
<b>55</b>	249.02	114.85	917.92	-11485.44	-91791.60
<b>60</b>	217.58	107.85	1025.77	-10785.46	-102577.08
<b>65</b>	185.65	98.03	1123.80	-9802.58	-112379.64
<b>70</b>	154.91	86.23	1210.03	-8623.13	-121002.81
<b>75</b>	126.53	73.56	1283.59	-7356.31	-128359.02
<b>80</b>	101.43	60.99	1344.59	-6099.36	-134458.51
<b>85</b>	79.87	49.26	1393.85	-4926.37	-139384.86
<b>90</b>	61.19	38.63	1432.47	-3862.53	-143247.33

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***Coefficient Utilization Curve 4314-1***

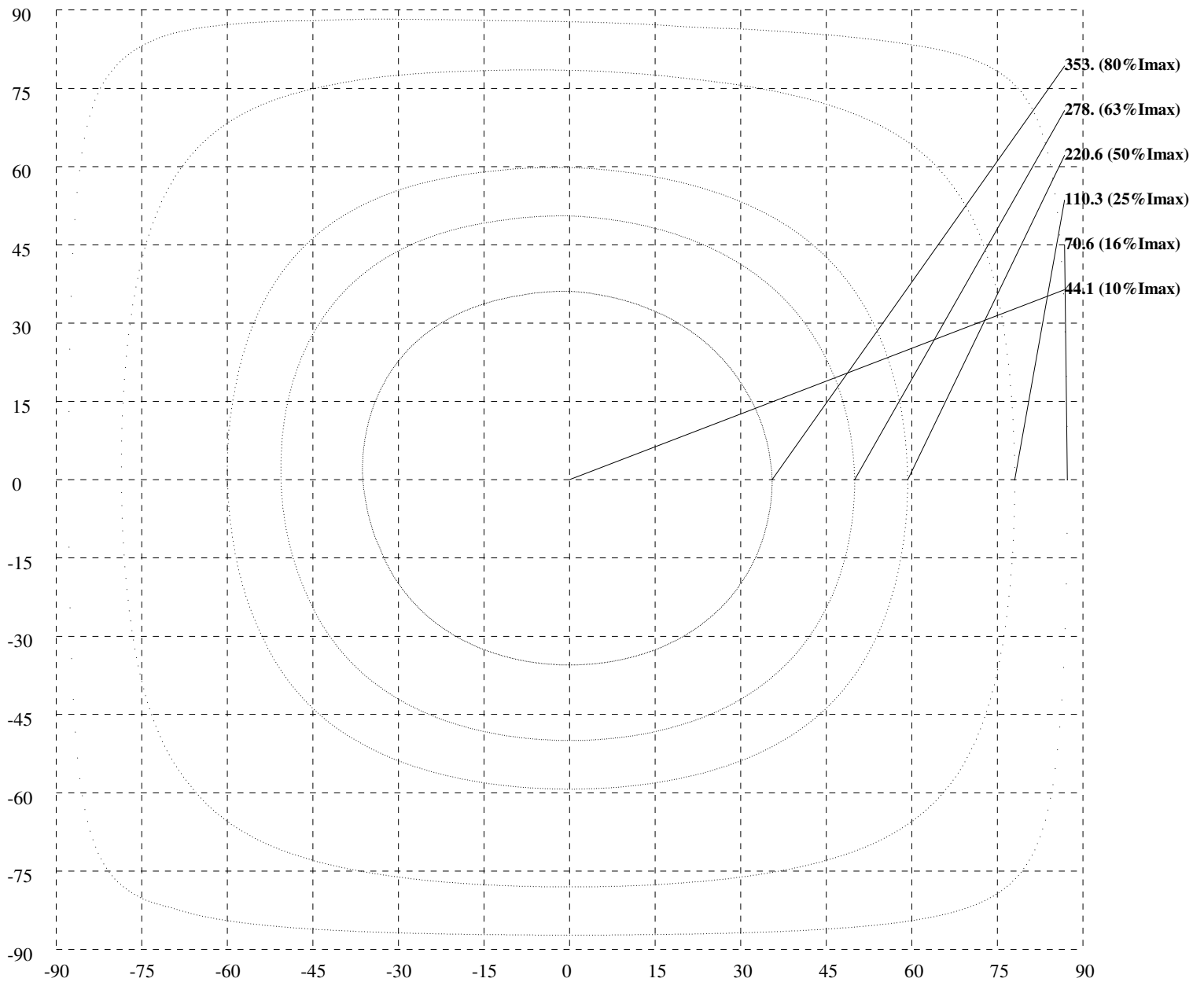


Light Distribution Curve[Unit: cd]



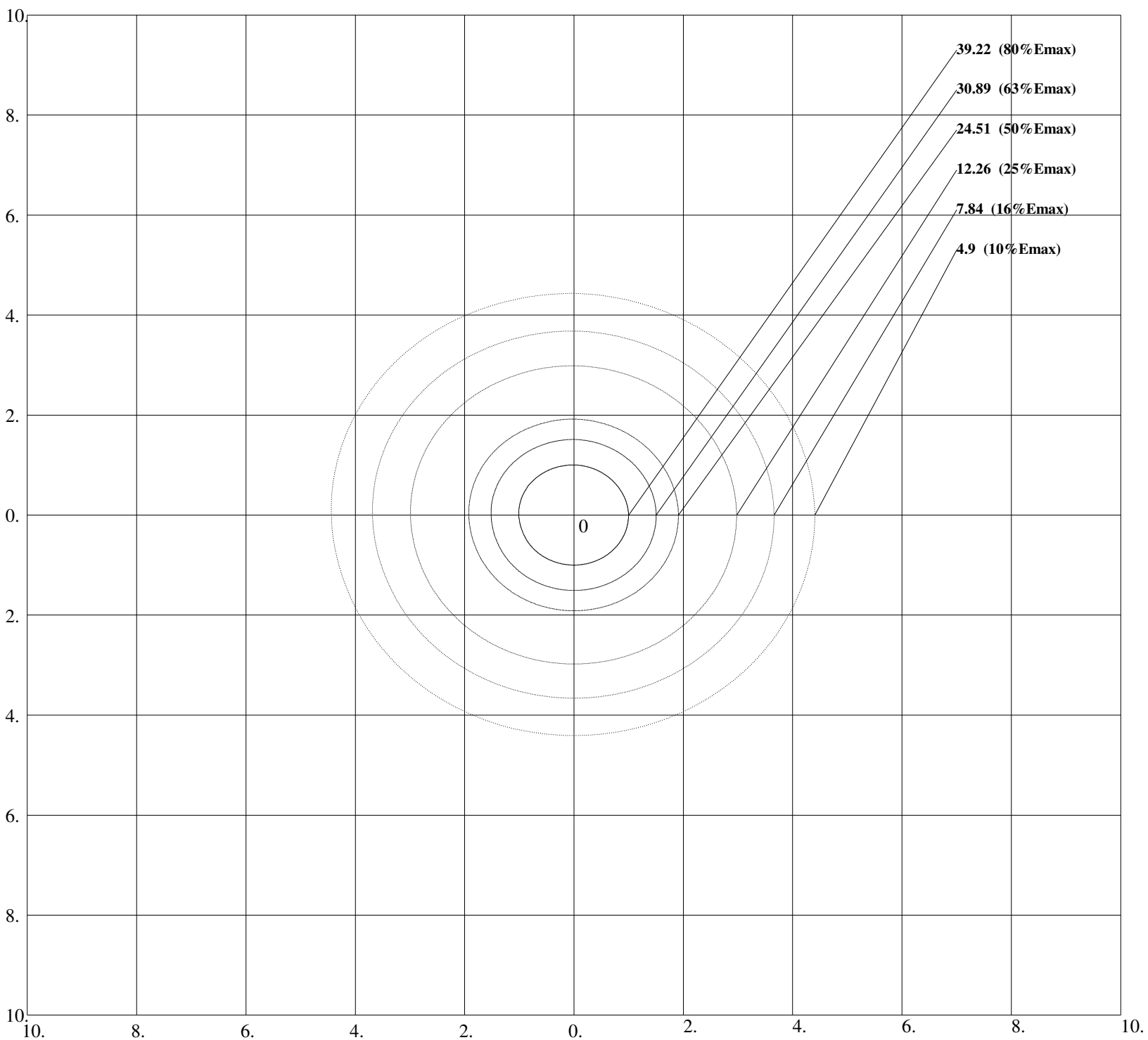


**ISO-Candela V-H [Unit :cd] 4314-1**



RP Lighting • Fans

Iso-Lux [Unit :lx] 4314-1



Units: lx  
Height: 3 m  
Max Illuminance : 49.03lx

## RP Lighting • Fans

### Lux-Distance Curve

