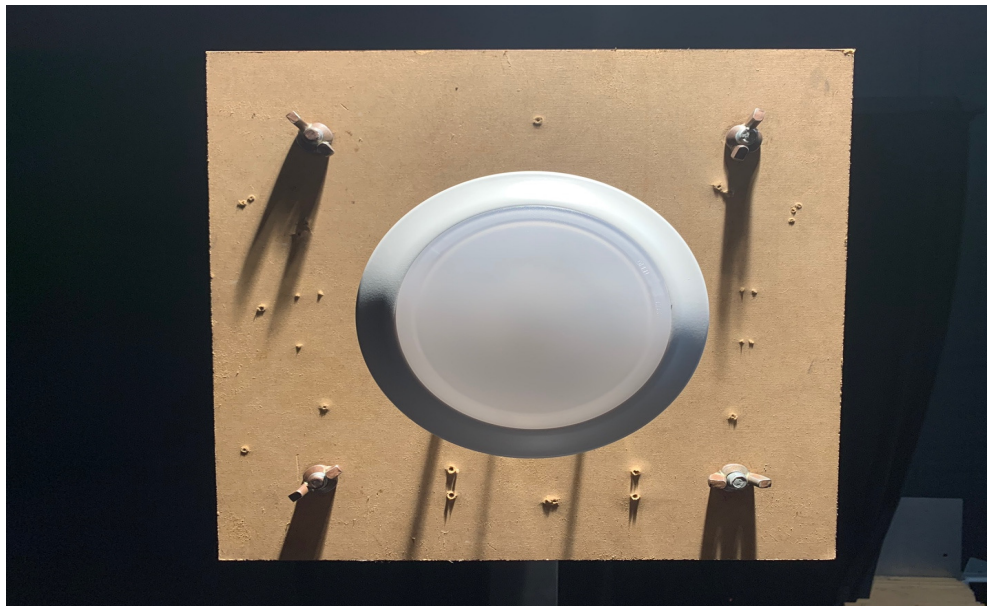


## Test Report of Luminaire

**Report No.:**

Luminaire Type	8556-90		
Lamp Type	LED		
Client		EUT NO.	CCT: 2619K, CRI: 93.2Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.143
Power:	15.5	Power Factor	0.899
Frequency:	60Hz	Tc	2700K
<b>Photometric Parameters</b>			
Luminaire Flux	929.60 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	353.176cd	Central Intensity	353.176cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-92959.86%		
50%Imax Beam Width	C0_180[ 50.7 , -50.3] C90_270[ 51.9 , -49.8]		
Remark			

### Luminaire Figure



**RP Lighting • Fans**

**Photometric Data Table [Unit:cd] 8556-90**

C\G	0	5	10	15	20	25	30	35	40	45
0	353.2	351.1	344.4	333.9	319.2	300.8	279.9	256.6	231.7	205.9
5	353.2	351.1	344.6	334.0	319.4	301.0	280.2	256.9	232.1	206.3
10	353.2	351.2	344.7	334.2	319.6	301.3	280.5	257.3	232.5	206.8
15	353.2	351.1	344.8	334.3	319.9	302.0	280.8	257.7	233.0	207.3
20	353.2	351.2	344.9	334.4	319.7	301.9	281.2	258.1	233.5	207.7
25	353.2	351.1	345.0	334.6	319.9	302.1	281.5	258.5	234.0	208.3
30	353.2	351.3	345.1	334.7	320.3	302.4	281.8	258.9	234.4	208.8
35	353.2	351.4	345.1	334.9	320.6	302.7	282.2	259.3	234.9	209.3
40	353.2	351.5	345.2	335.0	320.8	302.9	282.5	259.7	235.3	209.8
45	353.2	351.4	345.2	335.1	321.0	303.2	282.8	260.0	235.6	210.2
50	353.2	351.5	345.4	335.2	321.2	303.3	283.0	260.3	236.0	210.6
55	353.2	351.6	345.5	335.3	321.3	303.5	283.3	260.6	236.4	210.9
60	353.2	351.6	345.5	335.4	321.4	303.7	283.5	260.9	237.0	211.1
65	353.2	351.5	345.5	335.4	321.5	304.3	283.7	261.1	237.1	211.4
70	353.2	351.5	345.5	335.5	321.6	304.0	283.8	261.3	237.3	211.6
75	353.2	351.6	345.6	335.5	321.7	304.4	283.9	261.4	237.4	211.7
80	353.2	351.6	345.6	335.6	321.6	304.5	284.0	261.5	237.5	211.9
85	353.2	351.5	345.6	335.6	321.6	304.3	284.0	261.5	237.5	211.9
90	353.2	351.5	345.6	335.6	321.5	304.2	284.0	261.5	237.5	211.9
95	353.2	351.5	345.5	335.5	321.6	304.2	283.9	261.5	237.2	211.9
100	353.2	351.5	345.5	335.4	321.5	304.0	283.8	261.4	237.1	211.8
105	353.2	351.4	345.4	335.4	321.4	303.9	283.7	261.2	237.0	211.6
110	353.2	351.4	345.3	335.3	321.3	303.7	283.5	261.0	236.7	211.4
115	353.2	351.2	345.2	335.3	321.0	303.5	283.3	260.8	236.5	211.2
120	353.2	351.5	345.1	335.1	320.8	303.2	283.0	260.5	236.2	210.9
125	353.2	351.1	345.0	334.9	320.5	303.2	282.7	260.1	235.8	210.5
130	353.2	350.9	344.8	334.6	320.2	303.0	282.3	260.1	235.3	210.1
135	353.2	350.8	344.7	334.4	319.8	302.3	281.9	259.7	234.9	209.5
140	353.2	351.0	344.5	334.1	319.5	301.8	281.4	258.8	234.4	209.0
145	353.2	350.8	344.4	333.8	319.1	301.4	281.0	258.3	233.8	208.4
150	353.2	350.9	344.2	333.6	318.9	301.0	280.5	257.7	233.2	207.8
155	353.2	350.7	344.0	333.3	318.4	300.6	280.0	257.1	232.6	207.2
160	353.2	350.6	343.9	333.0	318.3	300.2	279.5	256.5	232.0	206.5
165	353.2	350.6	343.6	332.8	317.7	299.7	278.9	255.9	231.4	205.9
170	353.2	350.5	343.5	332.5	317.3	299.2	278.4	255.3	230.7	205.2
175	353.2	350.3	343.0	332.3	316.9	299.1	277.8	254.8	230.2	204.6
180	353.2	350.1	342.9	332.0	316.6	298.6	277.3	254.2	229.6	204.0
185	353.2	349.9	342.7	331.7	316.4	297.9	277.2	253.6	229.0	203.5
190	353.2	350.0	342.7	331.5	315.9	297.6	276.8	253.1	228.5	203.0
195	353.2	350.0	342.5	331.2	316.0	297.2	276.5	252.7	228.0	202.5
200	353.2	349.9	342.4	331.1	315.8	296.9	276.1	252.4	227.7	202.1
205	353.2	349.9	342.2	330.9	315.5	296.6	275.7	252.1	227.4	201.8
210	353.2	349.8	342.0	330.7	314.9	296.3	275.4	251.7	227.1	201.4
215	353.2	349.7	342.0	330.5	314.7	296.2	275.2	251.5	226.8	201.1
220	353.2	349.7	342.0	330.4	314.6	296.0	275.0	251.3	226.4	200.9
225	353.2	349.6	341.9	330.3	314.5	295.9	274.9	251.2	226.3	200.8
230	353.2	349.6	341.8	330.3	314.6	295.8	274.9	251.0	226.3	200.7
235	353.2	349.6	341.6	330.3	314.5	295.7	274.8	251.0	226.3	200.6

## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 8556-90

<b>240</b>	353.2	349.6	341.7	330.1	314.7	295.7	274.8	251.0	226.3	200.6
<b>245</b>	353.2	349.6	341.9	330.0	314.8	295.7	274.9	251.1	226.3	200.6
<b>250</b>	353.2	349.5	342.0	330.2	314.5	295.8	275.0	251.2	226.3	200.7
<b>255</b>	353.2	349.6	342.0	330.4	315.0	295.9	275.2	251.2	226.4	200.7
<b>260</b>	353.2	349.5	342.0	330.5	315.0	296.0	275.3	251.4	226.6	200.9
<b>265</b>	353.2	349.6	342.0	330.6	314.9	296.3	275.5	251.5	226.7	201.1
<b>270</b>	353.2	349.7	342.1	330.7	315.2	296.4	275.6	251.7	226.9	201.2
<b>275</b>	353.2	349.8	342.2	330.8	315.2	296.6	275.9	252.0	227.1	201.4
<b>280</b>	353.2	349.8	342.4	330.9	315.3	296.8	276.1	252.2	227.3	201.6
<b>285</b>	353.2	349.9	342.6	330.7	315.8	297.0	276.3	252.5	227.6	201.8
<b>290</b>	353.2	349.9	342.6	331.1	315.8	297.3	276.5	252.7	227.8	202.1
<b>295</b>	353.2	350.0	342.7	331.4	315.9	297.5	276.8	253.0	228.1	202.3
<b>300</b>	353.2	350.2	342.5	331.7	316.2	297.7	277.0	253.2	228.3	202.5
<b>305</b>	353.2	350.1	343.0	331.9	316.5	298.0	277.2	253.4	228.5	202.7
<b>310</b>	353.2	350.2	343.1	332.1	316.6	298.3	277.5	253.7	228.8	202.9
<b>315</b>	353.2	350.3	343.3	332.2	316.8	298.6	277.7	253.9	229.0	203.1
<b>320</b>	353.2	350.3	343.4	332.4	317.1	298.8	278.0	254.1	229.2	203.4
<b>325</b>	353.2	350.5	343.6	332.2	317.3	299.0	278.3	254.4	229.5	203.7
<b>330</b>	353.2	350.5	343.7	332.6	317.6	299.3	278.6	254.7	229.7	203.9
<b>335</b>	353.2	350.6	343.9	332.7	317.7	299.8	278.8	255.0	230.0	204.1
<b>340</b>	353.2	350.6	343.9	332.9	317.9	299.8	279.1	255.3	230.4	204.4
<b>345</b>	353.2	350.7	344.0	333.1	318.1	300.0	279.3	255.6	230.7	204.7
<b>350</b>	353.2	350.8	344.2	333.3	318.5	300.2	279.6	255.9	230.9	205.1
<b>355</b>	353.2	350.9	344.3	333.4	318.6	300.5	279.9	256.2	231.4	205.4
<b>360</b>	353.2	351.1	344.4	333.9	319.2	300.8	279.9	256.6	231.7	205.9

C\G	50	55	60	65	70	75	80	85	90
<b>0</b>	180.0	154.4	129.6	106.0	84.0	63.8	45.9	30.7	18.8
<b>5</b>	180.3	154.8	130.0	106.4	84.3	64.1	46.1	30.9	19.0
<b>10</b>	180.9	155.3	130.5	106.8	84.8	64.5	46.4	31.2	19.2
<b>15</b>	181.4	155.8	131.0	107.3	85.2	64.9	46.8	31.4	19.3
<b>20</b>	181.9	156.3	131.5	107.8	85.6	65.2	47.1	31.6	19.5
<b>25</b>	182.5	156.9	132.1	108.3	86.1	65.6	47.4	31.9	19.7
<b>30</b>	183.0	157.4	132.6	108.7	86.4	65.9	47.7	32.1	19.8
<b>35</b>	183.5	157.9	133.0	109.2	86.8	66.2	47.9	32.3	20.0
<b>40</b>	183.9	158.3	133.5	109.6	87.2	66.6	48.2	32.5	20.1
<b>45</b>	184.4	158.8	133.9	109.9	87.5	66.8	48.4	32.7	20.2
<b>50</b>	184.7	159.2	134.2	110.3	87.8	67.1	48.6	32.8	20.3
<b>55</b>	185.1	159.5	134.5	110.5	88.0	67.3	48.8	33.0	20.4
<b>60</b>	185.3	159.8	134.8	110.8	88.3	67.5	49.0	33.1	20.5
<b>65</b>	185.6	160.0	135.0	111.0	88.4	67.7	49.1	33.2	20.5
<b>70</b>	185.8	160.2	135.2	111.2	88.6	67.8	49.2	33.2	20.6
<b>75</b>	186.0	160.3	135.4	111.3	88.7	67.9	49.3	33.3	20.6
<b>80</b>	186.1	160.5	135.4	111.4	88.8	67.9	49.3	33.4	20.6
<b>85</b>	186.2	160.5	135.5	111.5	88.8	68.0	49.3	33.3	20.6
<b>90</b>	186.2	160.5	135.5	111.5	88.8	68.0	49.3	33.3	20.6
<b>95</b>	186.2	160.5	135.5	111.4	88.8	67.9	49.3	33.3	20.5
<b>100</b>	186.1	160.4	135.4	111.4	88.7	67.8	49.2	33.2	20.5

## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 8556-90

105	185.9	160.3	135.3	111.2	88.6	67.7	49.0	33.1	20.4
110	185.8	160.1	135.1	111.1	88.5	67.6	48.9	33.0	20.3
115	185.5	159.8	134.9	110.9	88.3	67.4	48.7	32.8	20.2
120	185.1	159.5	134.6	110.6	88.0	67.2	48.5	32.6	20.1
125	184.7	159.2	134.3	110.3	87.7	66.9	48.3	32.4	19.9
130	184.3	158.8	133.9	109.9	87.3	66.5	48.0	32.2	19.8
135	183.8	158.3	133.4	109.4	86.9	66.2	47.7	31.9	19.6
140	183.3	157.7	132.8	109.0	86.5	65.8	47.3	31.7	19.4
145	182.7	157.3	132.3	108.4	86.0	65.4	47.0	31.4	19.1
150	182.1	156.6	131.7	107.9	85.5	65.0	46.6	31.1	18.9
155	181.5	156.0	131.2	107.4	85.1	64.5	46.3	30.8	18.7
160	180.8	155.3	130.6	106.8	84.5	64.1	45.9	30.5	18.5
165	180.2	154.7	130.0	106.3	84.0	63.6	45.5	30.2	18.2
170	179.5	154.0	129.4	105.7	83.5	63.2	45.1	29.8	18.0
175	178.9	153.5	128.8	105.1	83.0	62.7	44.7	29.5	17.8
180	178.3	152.9	128.2	104.6	82.5	62.3	44.3	29.2	17.6
185	177.7	152.3	127.7	104.1	82.1	61.9	44.0	29.0	17.4
190	177.2	151.8	127.2	103.7	81.7	61.5	43.7	28.7	17.2
195	176.8	151.4	126.8	103.3	81.3	61.2	43.4	28.5	17.1
200	176.4	151.0	126.4	102.9	81.0	60.9	43.1	28.3	16.9
205	176.0	150.7	126.1	102.6	80.6	60.6	42.9	28.1	16.8
210	175.7	150.3	125.7	102.3	80.4	60.3	42.7	27.9	16.7
215	175.4	150.0	125.5	102.0	80.1	60.1	42.5	27.8	16.6
220	175.2	149.8	125.2	101.8	79.9	59.9	42.3	27.7	16.5
225	175.0	149.6	125.0	101.6	79.7	59.8	42.2	27.6	16.4
230	174.9	149.5	124.9	101.5	79.5	59.6	42.1	27.5	16.4
235	174.8	149.4	124.8	101.4	79.5	59.6	42.0	27.4	16.3
240	174.7	149.3	124.7	101.3	79.4	59.5	42.0	27.4	16.3
245	174.7	149.3	124.7	101.2	79.4	59.4	42.0	27.4	16.3
250	174.8	149.3	124.7	101.2	79.3	59.4	42.0	27.4	16.3
255	174.9	149.4	124.7	101.3	79.3	59.5	42.0	27.4	16.3
260	175.0	149.5	124.8	101.4	79.4	59.5	42.0	27.5	16.4
265	175.1	149.6	124.9	101.5	79.5	59.6	42.1	27.5	16.4
270	175.3	149.8	125.1	101.6	79.6	59.7	42.2	27.6	16.5
275	175.5	150.0	125.3	101.8	79.8	59.8	42.3	27.7	16.6
280	175.7	150.2	125.5	101.9	80.0	60.0	42.5	27.8	16.7
285	175.9	150.4	125.7	102.1	80.1	60.2	42.6	28.0	16.8
290	176.1	150.6	125.9	102.3	80.3	60.4	42.8	28.1	16.9
295	176.4	150.8	126.1	102.5	80.5	60.6	42.9	28.2	17.0
300	176.6	151.0	126.3	102.7	80.7	60.7	43.1	28.4	17.1
305	176.7	151.2	126.4	102.9	80.9	61.0	43.3	28.6	17.2
310	176.9	151.4	126.6	103.1	81.1	61.1	43.5	28.7	17.3
315	177.1	151.5	126.8	103.2	81.3	61.3	43.7	28.9	17.5
320	177.3	151.8	127.0	103.4	81.5	61.6	43.9	29.1	17.6
325	177.5	152.0	127.2	103.7	81.7	61.8	44.1	29.2	17.7
330	177.8	152.2	127.5	103.9	82.0	62.0	44.3	29.4	17.9
335	178.0	152.4	127.7	104.1	82.2	62.2	44.5	29.6	18.0
340	178.3	152.8	128.0	104.5	82.5	62.5	44.7	29.8	18.1
345	178.7	153.1	128.5	104.8	82.8	62.8	45.0	30.0	18.3

## ***RP Lighting • Fans***

### **Photometric Data Table [Unit:cd] 8556-90**

<b>350</b>	179.0	153.4	128.9	105.1	83.2	63.1	45.2	30.2	18.5
<b>355</b>	179.4	153.8	129.3	105.5	83.5	63.4	45.5	30.4	18.6
<b>360</b>	180.0	154.4	129.6	106.0	84.0	63.8	45.9	30.7	18.8

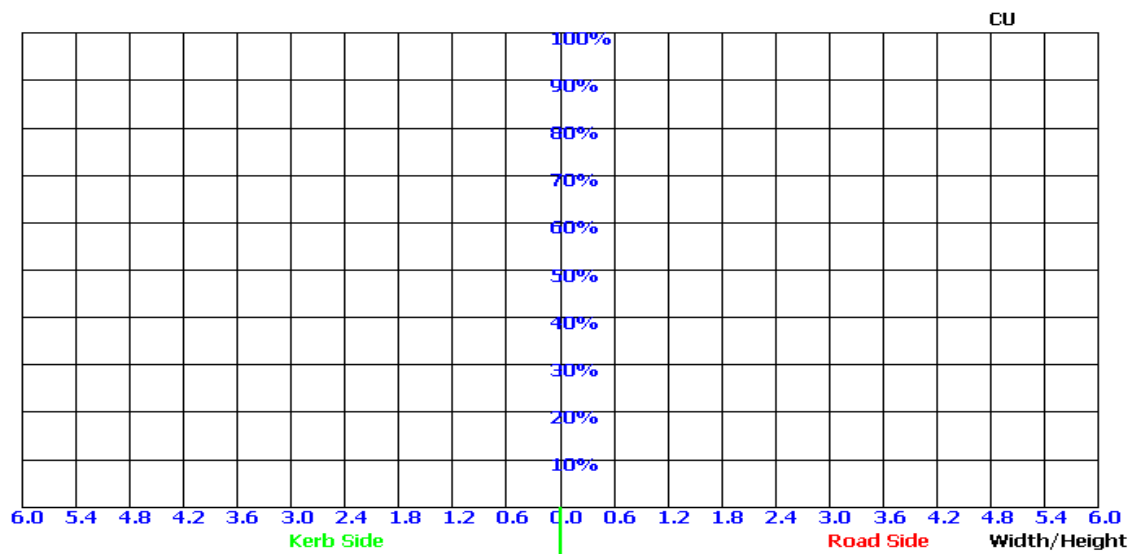
## *RP Lighting • Fans*

### **Zonal Flux: 8556-90**

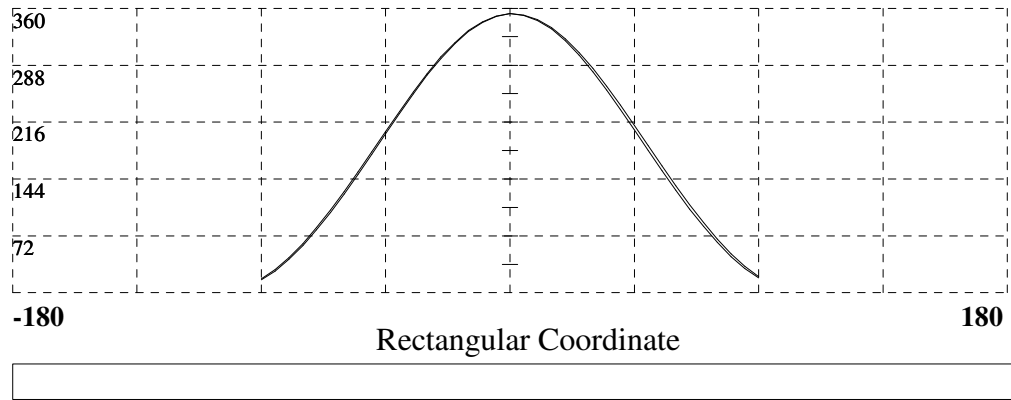
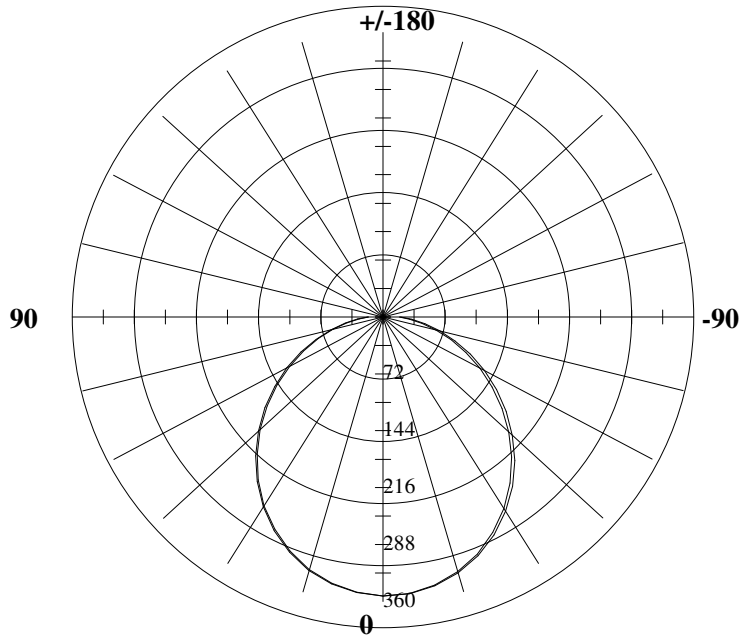
<b>Gamma [°]</b>	<b>I<sub>mean</sub> [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
<b>0</b>	353.18	0.00	0.00	0.00	0.00
<b>5</b>	350.61	8.41	8.41	-841.36	-841.36
<b>10</b>	343.79	24.84	33.25	-2484.08	-3325.43
<b>15</b>	332.97	40.14	73.40	-4014.47	-7339.90
<b>20</b>	318.10	53.66	127.06	-5365.72	-12705.62
<b>25</b>	299.98	64.83	191.88	-6482.55	-19188.18
<b>30</b>	279.32	73.31	265.19	-7331.10	-26519.28
<b>35</b>	256.06	78.84	344.03	-7883.81	-34403.08
<b>40</b>	231.46	81.34	425.37	-8133.81	-42536.89
<b>45</b>	205.84	80.97	506.34	-8096.84	-50633.73
<b>50</b>	180.00	77.96	584.30	-7796.47	-58430.19
<b>55</b>	154.47	72.73	657.03	-7272.52	-65702.73
<b>60</b>	129.70	65.68	722.71	-6568.47	-72271.20
<b>65</b>	105.99	57.30	780.01	-5729.74	-78000.96
<b>70</b>	83.80	48.06	828.07	-4805.73	-82806.69
<b>75</b>	63.49	38.50	866.57	-3849.84	-86656.51
<b>80</b>	45.45	29.15	895.71	-2914.85	-89571.36
<b>85</b>	30.25	20.57	916.28	-2056.99	-91628.33
<b>90</b>	18.38	13.32	929.60	-1331.58	-92959.92

**RP Lighting • Fans**

**Coefficient Utilization Curve 8556-90**

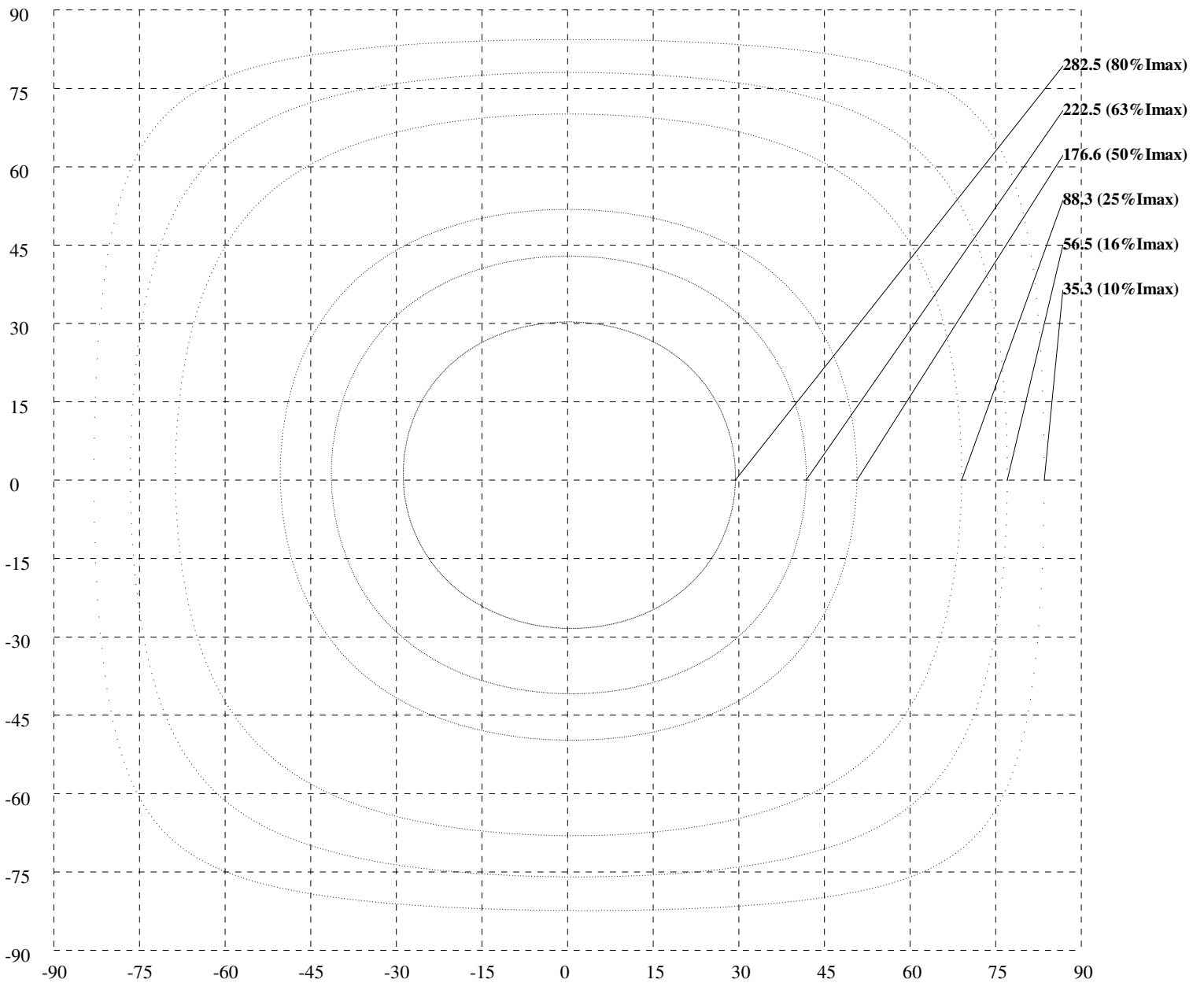


Light Distribution Curve[Unit: cd]



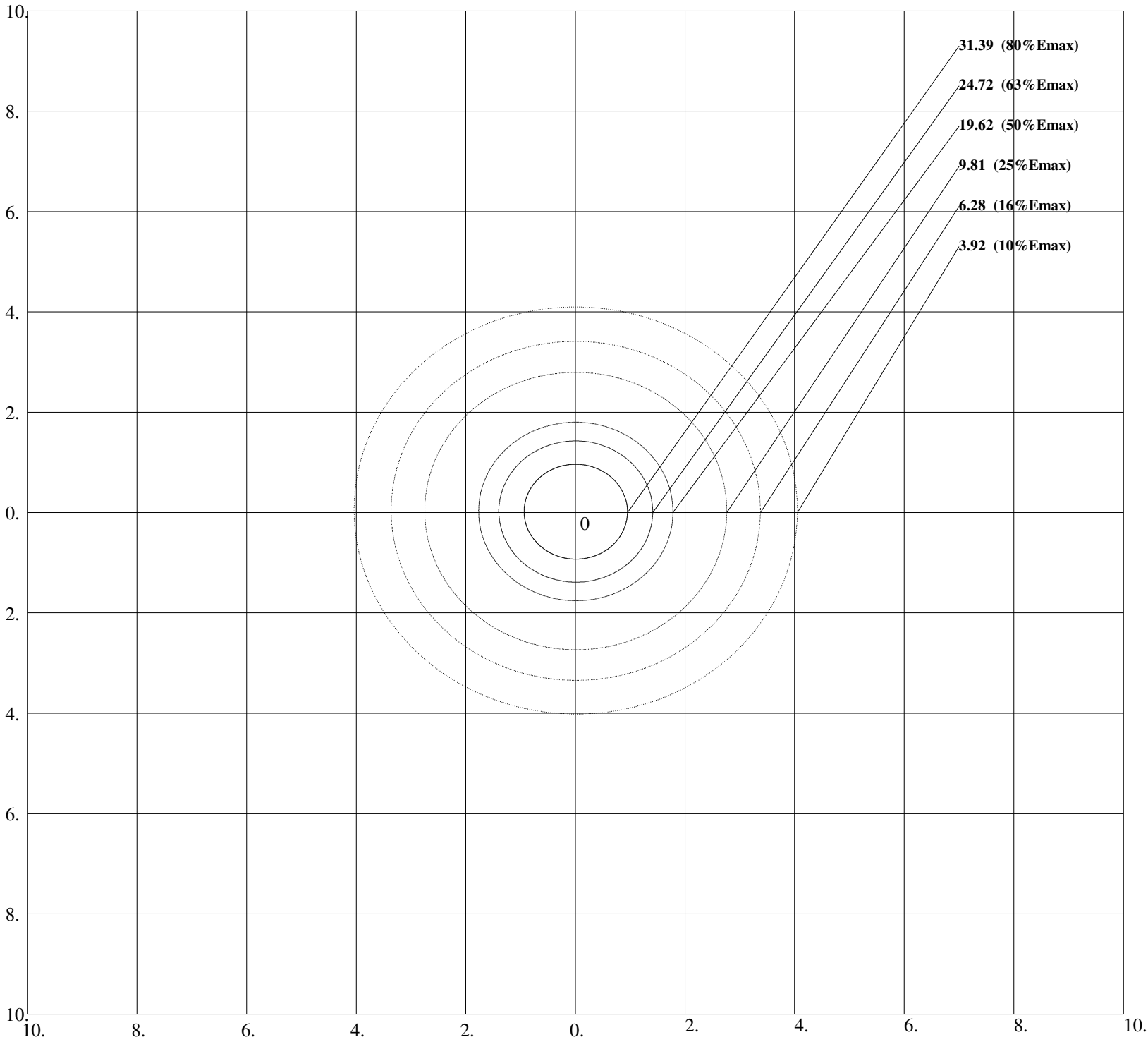


**ISO-Candela V-H [Unit :cd] 8556-90**



**RP Lighting • Fans**

**Iso-Lux [Unit :lx] 8556-90**



Units: lx  
Height: 3 m  
Max Illuminance : 39.24lx

**RP Lighting • Fans**

**Lux-Distance Curve**

