

# RP Lighting + Fans

4931 Paseo Del Norte NE

Albuquerque, NM 87113

TEL: 505-821-6964

FAX: 505-821-0637

Email: [rplighting@rplighting.com](mailto:rplighting@rplighting.com)

Website: <http://www.rplighting.com>

## Test Report of Luminaire

Report No.:

Luminaire Type	8968WH-5CCT 3500K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3436K, CRI: 96.5Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.059
Power:	6.8	Power Factor	0.963
Frequency:	60Hz	Tc	3500K
<b>Photometric Parameters</b>			
Luminaire Flux	524.57 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	182.251cd	Central Intensity	163.763cd
Angle of Max Intensity:	C:180 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-52457.36%		
50%Imax Beam Width	C0_180[ 34.6 , -83.7] C90_270[ 50.5 , -51.1]		
Remark			

### Luminaire Figure



## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 8968WH-5CCT 3500K

C\G	0	5	10	15	20	25	30	35	40	45
0	163.8	155.7	146.6	136.5	125.6	114.1	102.2	90.1	78.1	66.6
5	163.8	155.7	146.6	136.6	125.7	114.2	102.3	90.2	78.2	66.6
10	163.8	155.8	146.8	136.8	125.9	114.4	102.5	90.5	78.4	66.8
15	163.8	155.9	147.0	137.0	126.3	114.9	103.0	90.9	78.9	67.2
20	163.8	156.1	147.3	137.5	126.8	115.5	103.6	91.6	79.5	67.8
25	163.8	156.3	147.7	138.1	127.5	116.3	104.5	92.5	80.4	68.5
30	163.8	156.5	148.2	138.8	128.4	117.3	105.6	93.6	81.4	69.5
35	163.8	156.9	148.8	139.7	129.6	118.6	106.9	95.0	82.8	70.7
40	163.8	157.2	149.6	140.6	130.7	119.9	108.4	96.6	84.3	72.2
45	163.8	157.7	150.3	141.7	132.1	121.5	110.2	98.4	86.2	74.0
50	163.8	158.1	151.2	142.9	133.7	123.3	112.2	100.5	88.4	76.0
55	163.8	158.6	152.1	144.3	135.3	125.2	114.4	102.8	90.8	78.4
60	163.8	159.1	153.1	145.7	137.1	127.4	116.8	105.3	93.5	81.1
65	163.8	159.7	154.2	147.3	139.1	129.7	119.3	108.2	96.5	84.1
70	163.8	160.3	155.2	148.9	141.1	132.2	122.1	111.2	99.8	87.5
75	163.8	160.9	156.4	150.6	143.3	134.8	125.1	114.6	103.3	91.3
80	163.8	161.5	157.7	152.3	145.5	137.5	128.2	118.1	107.1	95.3
85	163.8	162.1	158.9	154.2	147.9	140.3	131.5	121.7	111.2	99.6
90	163.8	162.7	160.2	156.0	150.3	143.2	135.0	125.5	115.4	104.1
95	163.8	163.4	161.5	157.9	152.8	146.2	138.4	129.5	119.7	108.8
100	163.8	164.0	162.7	159.8	155.2	149.2	141.9	133.5	124.1	113.7
105	163.8	164.7	164.0	161.6	157.7	152.3	145.5	137.7	128.6	118.6
110	163.8	165.3	165.2	163.6	160.2	155.3	149.1	141.8	133.1	123.5
115	163.8	165.9	166.4	165.3	162.6	158.3	152.6	145.8	137.6	128.4
120	163.8	166.5	167.6	167.1	165.0	161.3	156.3	149.9	142.1	133.3
125	163.8	167.0	168.8	168.8	167.3	164.3	159.7	153.7	146.5	138.1
130	163.8	167.6	169.9	170.5	169.5	167.0	163.0	157.6	150.7	142.8
135	163.8	168.1	170.8	172.0	171.5	169.6	166.1	161.2	154.8	147.3
140	163.8	168.6	171.7	173.4	173.4	172.0	169.0	164.6	158.7	151.8
145	163.8	169.0	172.6	174.7	175.2	174.2	171.7	167.7	162.2	155.7
150	163.8	169.4	173.4	175.8	176.8	176.2	174.1	170.5	165.4	159.3
155	163.8	169.7	174.1	176.9	178.2	178.0	176.2	173.0	168.3	162.4
160	163.8	170.0	174.6	177.7	179.3	179.5	178.0	175.0	170.7	165.1
165	163.8	170.2	175.0	178.4	180.3	180.6	179.5	176.8	172.6	167.2
170	163.8	170.4	175.3	178.9	181.0	181.5	180.5	178.0	174.0	168.8
175	163.8	170.5	175.6	179.2	181.4	182.1	181.2	178.8	174.9	169.7
180	163.8	170.5	175.7	179.4	181.6	182.3	181.4	179.1	175.2	170.1
185	163.8	170.5	175.6	179.3	181.5	182.2	181.2	178.9	175.0	169.8
190	163.8	170.4	175.5	179.1	181.1	181.7	180.7	178.3	174.2	169.0
195	163.8	170.3	175.2	178.6	180.5	180.9	179.7	177.1	172.9	167.5
200	163.8	170.1	174.8	178.0	179.6	179.8	178.4	175.5	171.1	165.5
205	163.8	169.9	174.3	177.1	178.5	178.4	176.7	173.5	168.8	163.0
210	163.8	169.6	173.7	176.2	177.2	176.7	174.6	171.1	166.1	159.9
215	163.8	169.2	173.0	175.1	175.7	174.7	172.3	168.4	163.0	156.4
220	163.8	168.8	172.1	173.8	174.0	172.6	169.7	165.4	159.6	152.6
225	163.8	168.4	171.2	172.4	172.1	170.2	166.8	162.1	155.7	148.5
230	163.8	167.9	170.2	170.9	170.1	167.7	163.8	158.5	151.7	144.1
235	163.8	167.4	169.1	169.4	167.9	165.0	160.6	154.5	147.5	139.4

## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 8968WH-5CCT 3500K

240	163.8	166.8	168.0	167.6	165.6	162.2	157.2	150.7	143.2	134.8
245	163.8	166.3	166.9	165.9	163.3	159.3	153.7	146.7	138.8	129.9
250	163.8	165.6	165.6	164.1	160.9	156.2	150.0	142.7	134.4	125.0
255	163.8	165.1	164.4	162.2	158.5	153.0	146.4	138.6	129.9	120.1
260	163.8	164.4	163.1	160.3	155.9	150.0	142.9	134.6	125.4	115.2
265	163.8	163.7	161.9	158.4	153.5	147.0	139.4	130.6	120.9	110.5
270	163.8	163.1	160.6	156.6	151.0	144.0	135.9	126.7	116.6	105.4
275	163.8	162.4	159.4	154.7	148.6	141.1	132.5	122.8	112.4	100.9
280	163.8	161.8	158.1	152.9	146.3	138.2	129.2	119.2	108.3	96.5
285	163.8	161.2	156.9	151.1	144.0	135.5	126.0	115.6	104.4	92.5
290	163.8	160.5	155.7	149.4	141.8	132.8	123.0	112.3	100.9	88.7
295	163.8	160.0	154.6	147.8	139.6	130.3	120.1	109.1	97.5	85.2
300	163.8	159.4	153.5	146.2	137.6	128.0	117.5	106.2	94.5	82.1
305	163.8	158.8	152.5	144.7	135.8	125.8	115.1	103.6	91.7	79.3
310	163.8	158.4	151.5	143.4	134.1	123.8	112.9	101.2	89.1	76.9
315	163.8	157.9	150.7	142.1	132.5	122.0	110.8	99.1	86.9	74.8
320	163.8	157.5	149.8	141.0	131.1	120.4	109.0	97.2	85.0	73.0
325	163.8	157.0	149.1	139.9	129.8	118.9	107.4	95.6	83.4	71.3
330	163.8	156.7	148.4	139.0	128.7	117.6	106.0	94.1	82.0	70.0
335	163.8	156.4	147.9	138.3	127.8	116.6	104.9	92.9	80.8	68.9
340	163.8	156.1	147.5	137.6	127.0	115.7	103.9	91.9	79.9	68.1
345	163.8	156.0	147.1	137.2	126.4	115.0	103.2	91.2	79.1	67.5
350	163.8	155.8	146.8	136.8	126.0	114.5	102.6	90.6	78.6	67.0
355	163.8	155.7	146.7	136.6	125.7	114.2	102.3	90.3	78.3	66.7
360	163.8	155.7	146.6	136.5	125.6	114.1	102.2	90.1	78.1	66.6

C\G	50	55	60	65	70	75	80	85	90
0	55.4	45.1	35.5	26.9	18.6	10.9	4.6	0.6	0.5
5	55.5	45.1	35.5	26.9	18.6	10.9	4.6	0.7	0.5
10	55.7	45.2	35.6	26.9	18.6	10.9	4.6	0.7	0.6
15	56.0	45.5	35.7	27.0	18.7	11.0	4.6	0.7	0.5
20	56.5	45.8	36.0	27.2	18.8	11.1	4.7	0.7	0.6
25	57.1	46.3	36.4	27.4	19.1	11.3	4.8	0.7	0.6
30	57.9	46.9	36.8	27.6	19.3	11.5	5.0	0.8	0.6
35	59.0	47.8	37.4	28.0	19.6	11.7	5.1	0.9	0.6
40	60.3	48.8	38.2	28.4	19.9	12.0	5.3	1.0	0.5
45	61.8	50.1	39.1	29.1	20.3	12.3	5.6	1.1	0.6
50	63.7	51.6	40.3	29.9	20.7	12.8	5.8	1.2	0.6
55	65.9	53.6	41.9	31.0	21.3	13.2	6.1	1.4	0.6
60	68.5	56.0	43.8	32.4	22.1	13.6	6.4	1.5	0.5
65	71.5	58.9	46.3	34.2	23.3	14.1	6.8	1.7	0.6
70	74.9	62.2	49.2	36.6	25.0	15.0	7.2	1.9	0.6
75	78.7	66.0	52.8	39.8	27.4	16.4	7.7	2.2	0.6
80	82.9	70.3	57.0	43.6	30.7	18.7	8.7	2.4	0.6
85	87.5	74.9	61.8	48.3	34.8	22.1	10.7	2.8	0.6
90	92.3	80.0	67.0	53.5	40.0	26.8	14.3	4.4	0.6
95	97.3	85.3	72.5	59.2	45.7	32.3	19.3	8.5	1.9
100	102.7	90.8	78.2	65.1	51.7	38.4	25.2	13.8	5.5

## RP Lighting+ Fans

### Photometric Data Table [Unit:cd] 8968WH-5CCT 3500K

105	107.9	96.4	84.0	71.6	58.4	44.9	31.7	20.0	10.5
110	113.3	102.0	90.0	77.8	64.9	51.6	38.5	26.5	15.4
115	118.6	107.6	96.0	84.0	71.4	58.4	45.5	33.0	20.3
120	123.9	113.2	101.9	90.2	77.9	65.2	52.4	39.8	26.2
125	129.0	118.8	107.7	96.4	84.3	71.9	59.2	46.4	32.1
130	134.1	124.1	113.4	102.4	90.6	78.4	65.9	52.6	37.9
135	138.9	129.3	118.9	108.1	96.6	84.6	72.5	58.5	43.5
140	143.5	134.3	124.1	113.5	102.3	90.6	78.4	64.0	48.7
145	147.8	138.8	129.3	118.6	107.5	96.0	83.8	68.9	53.3
150	151.7	143.0	133.6	123.2	112.4	100.8	88.7	73.3	57.3
155	155.1	146.7	137.5	127.3	116.6	105.1	92.8	77.2	61.0
160	158.0	149.8	140.7	130.7	120.2	108.8	96.4	80.5	64.1
165	160.4	152.3	143.4	133.5	123.0	111.7	99.3	83.2	66.5
170	162.1	154.2	145.3	135.5	125.1	113.9	101.3	85.2	68.3
175	163.2	155.4	146.5	136.8	126.4	115.1	102.6	86.4	69.3
180	163.6	155.8	147.0	137.2	126.9	115.6	103.0	86.9	69.6
185	163.3	155.5	146.6	136.9	126.5	115.2	102.6	86.7	69.1
190	162.4	154.4	145.6	135.9	125.4	114.0	101.5	85.7	68.0
195	160.8	152.7	143.7	134.0	123.4	112.0	99.5	84.0	66.1
200	158.6	150.3	141.2	131.3	120.7	109.2	96.7	81.5	63.7
205	155.8	147.3	138.1	128.0	117.3	105.7	93.2	78.4	60.7
210	152.5	143.7	134.3	124.1	113.2	101.6	89.1	74.7	57.2
215	148.7	139.7	130.1	119.7	108.6	96.9	84.5	70.5	53.5
220	144.6	135.3	125.3	114.7	103.5	91.7	79.4	65.4	49.6
225	140.1	130.4	120.3	109.4	98.0	86.0	73.7	60.0	44.8
230	135.0	125.4	114.9	103.7	92.1	79.9	67.6	54.1	39.5
235	130.1	120.0	109.3	97.9	85.6	73.5	61.2	47.8	33.9
240	124.9	114.6	103.5	91.5	79.2	66.9	54.5	41.3	28.1
245	119.7	109.1	97.7	85.4	72.8	60.2	47.6	34.5	22.2
250	114.4	103.4	91.8	79.2	66.4	53.5	40.7	28.0	16.7
255	109.2	97.9	85.9	73.1	60.0	46.9	34.0	21.5	11.6
260	104.0	92.3	80.1	67.0	53.8	40.5	27.5	15.3	6.5
265	98.8	86.9	74.4	61.1	47.7	34.3	21.1	9.9	2.5
270	93.9	81.6	68.9	55.4	42.0	28.8	16.0	5.8	0.6
275	89.0	76.5	63.4	50.1	36.8	24.0	12.2	3.7	0.5
280	84.4	71.8	58.6	45.4	32.5	20.3	9.9	3.1	0.5
285	80.1	67.5	54.3	41.4	29.1	17.8	8.7	2.7	0.5
290	76.2	63.6	50.6	38.2	26.4	16.2	8.1	2.4	0.5
295	72.8	60.2	47.5	35.5	24.6	15.2	7.7	2.2	0.5
300	69.7	57.3	45.0	33.6	23.2	14.4	7.2	1.9	0.5
305	67.0	54.8	42.9	32.0	22.3	13.9	6.7	1.7	0.5
310	64.7	52.8	41.3	30.8	21.5	13.5	6.4	1.5	0.6
315	62.7	51.0	40.0	29.9	21.0	13.0	6.1	1.3	0.6
320	61.1	49.6	38.9	29.2	20.6	12.6	5.8	1.2	0.5
325	59.6	48.4	38.0	28.6	20.2	12.2	5.6	1.0	0.5
330	58.5	47.5	37.4	28.1	19.8	11.9	5.3	0.9	0.6
335	57.6	46.8	36.8	27.8	19.5	11.6	5.1	0.8	0.5
340	56.8	46.2	36.3	27.5	19.2	11.4	4.9	0.8	0.5
345	56.3	45.7	36.0	27.3	18.9	11.2	4.8	0.7	0.5

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

### **Photometric Data Table [Unit:cd] 8968WH-5CCT 3500K**

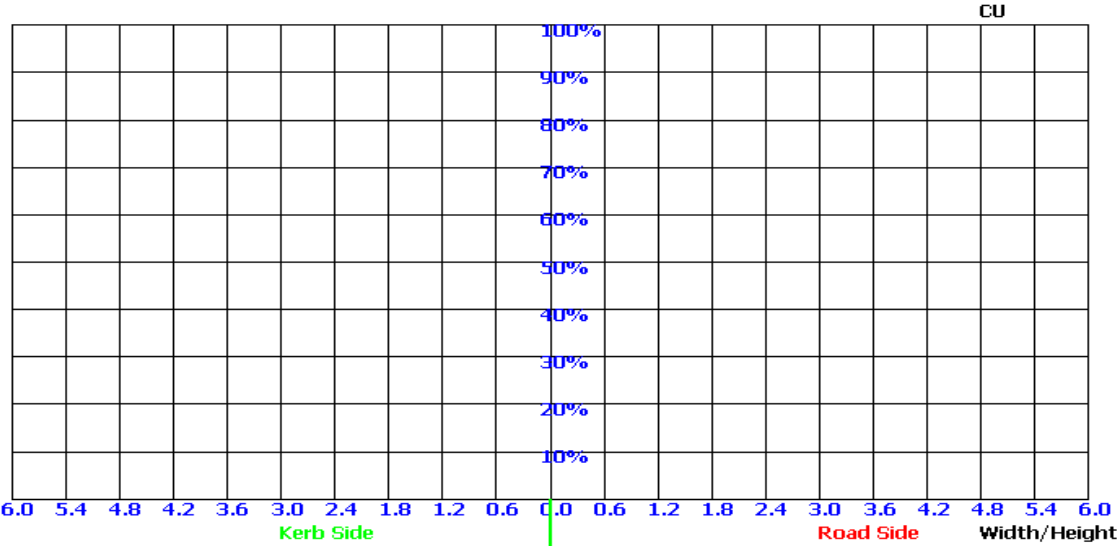
<b>350</b>	55.8	45.4	35.8	27.1	18.7	11.1	4.7	0.7	0.6
<b>355</b>	55.6	45.2	35.6	27.0	18.6	11.0	4.6	0.7	0.5
<b>360</b>	55.4	45.1	35.5	26.9	18.6	10.9	4.6	0.6	0.5

## ***Rp Lighting + Fans***

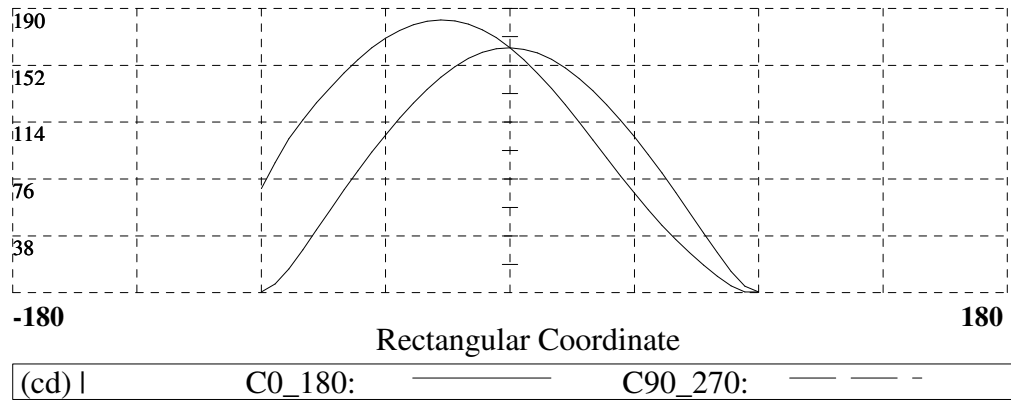
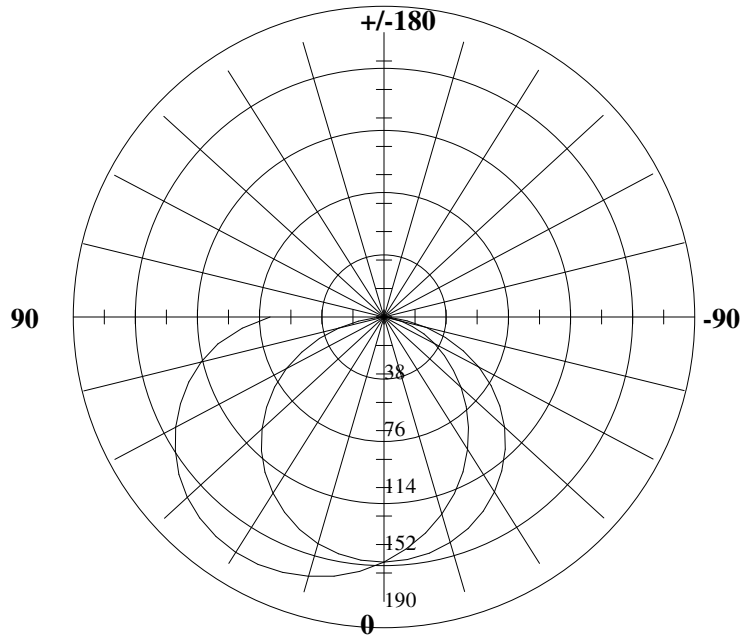
### **Zonal Flux 8968WH-5CCT 3500K**

<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>	163.76	0.00	0.00	0.00	0.00
<b>5</b>	163.01	3.91	3.91	-390.65	-390.65
<b>10</b>	160.75	11.58	15.49	-1158.19	-1548.84
<b>15</b>	157.08	18.85	34.34	-1885.38	-3434.22
<b>20</b>	152.10	25.48	59.82	-2548.06	-5982.29
<b>25</b>	145.87	31.25	91.07	-3125.05	-9107.34
<b>30</b>	138.54	35.99	127.06	-3599.11	-12706.45
<b>35</b>	130.25	39.58	166.65	-3958.10	-16664.56
<b>40</b>	121.14	41.94	208.59	-4194.27	-20858.83
<b>45</b>	111.36	43.05	251.64	-4304.89	-25163.72
<b>50</b>	101.06	42.92	294.56	-4292.36	-29456.08
<b>55</b>	90.40	41.63	336.19	-4163.10	-33619.17
<b>60</b>	79.54	39.28	375.47	-3928.06	-37547.22
<b>65</b>	68.66	36.03	411.50	-3602.70	-41149.91
<b>70</b>	57.88	32.04	443.54	-3204.19	-44354.12
<b>75</b>	47.33	27.50	471.04	-2750.14	-47104.26
<b>80</b>	37.27	22.64	493.68	-2263.78	-49368.03
<b>85</b>	27.85	17.70	511.38	-1769.51	-51137.55
<b>90</b>	20.35	13.20	524.57	-1319.80	-52457.35

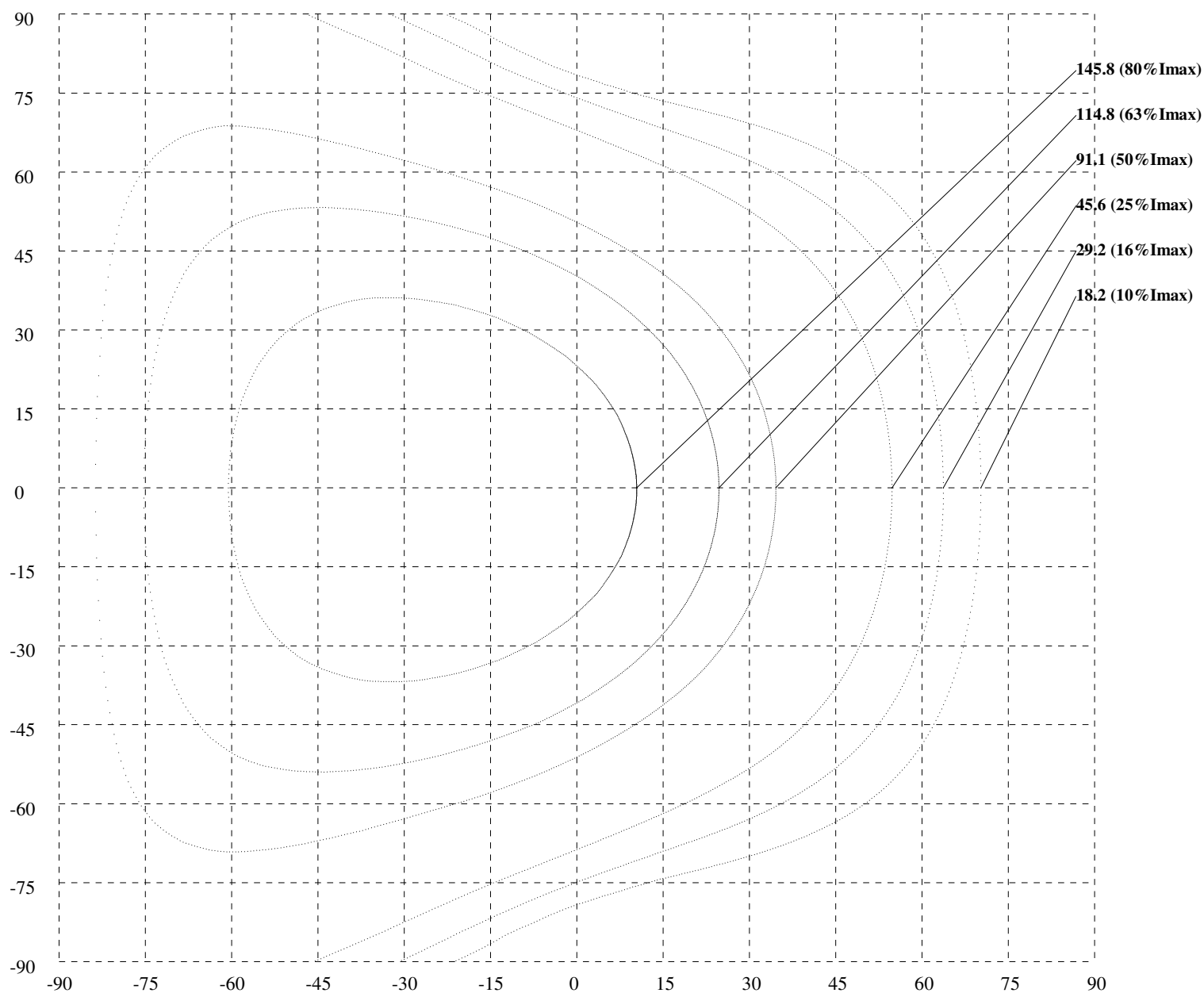
*RP Lighting + Fans*  
*Coefficient Utilization Curve 8968WH-5CCT 3500K*



Light Distribution Curve[Unit: cd]

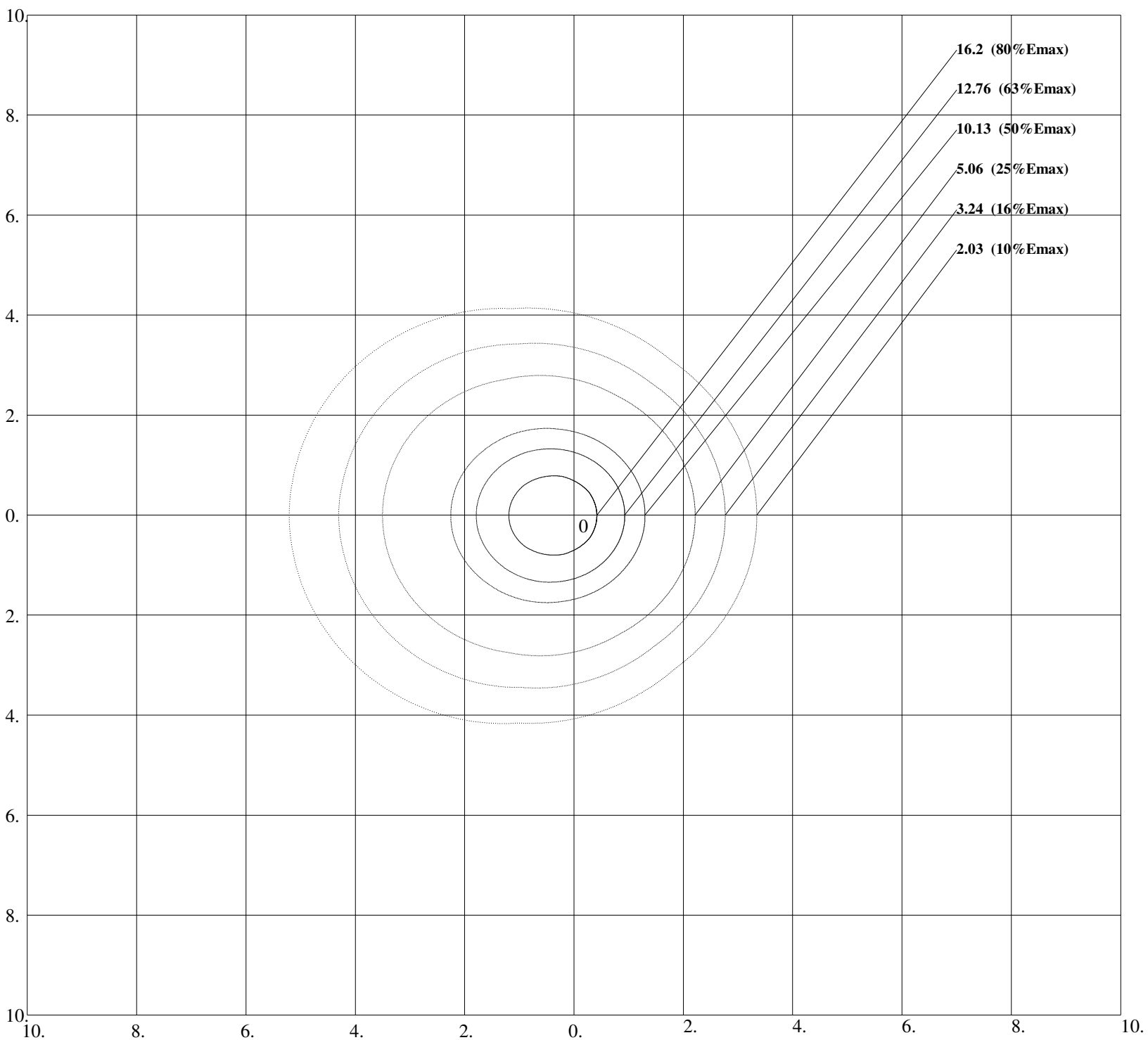






RP Lighting + Fans

Iso-Lux [Unit :lx] 8968WH-5CCT 3500K



Units: lx  
Height: 3 m  
Max Illuminance : 20.25lx

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

