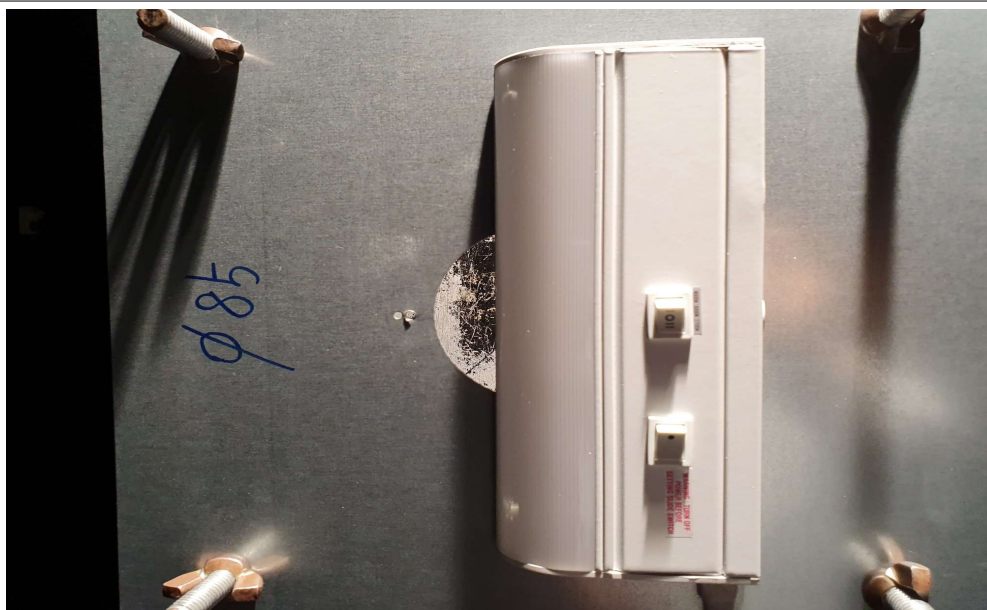


## Test Report of Luminaire

Report No.:

Luminaire Type	8966WH-2734 3000K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3155K, CRI: 94.3Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.032
Power:	3.7	Power Factor	0.958
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	255.84 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	87.921cd	Central Intensity	79.808cd
Angle of Max Intensity:	C:0 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-25584.13%		
50%Imax Beam Width	C0_180[ 84.4 , -35.6] C90_270[ 51.7 , -51.1]		
Remark			

### Luminaire Figure



## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 8966WH-2734 3000K

C\G	0	5	10	15	20	25	30	35	40	45
0	79.8	83.0	85.2	86.9	87.8	87.9	87.3	86.2	84.2	81.7
5	79.8	83.0	85.2	86.9	87.7	87.9	87.3	86.1	84.1	81.6
10	79.8	83.0	85.1	86.8	87.6	87.7	87.0	85.7	83.7	81.2
15	79.8	82.9	85.0	86.5	87.3	87.2	86.6	85.2	83.1	80.5
20	79.8	82.8	84.7	86.2	86.9	86.8	86.0	84.4	82.2	79.6
25	79.8	82.7	84.5	85.8	86.4	86.0	85.1	83.5	81.2	78.4
30	79.8	82.5	84.2	85.4	85.7	85.3	84.2	82.4	79.9	77.0
35	79.8	82.4	83.9	84.9	85.1	84.3	83.1	81.1	78.4	75.4
40	79.8	82.2	83.5	84.3	84.2	83.4	81.9	79.7	76.8	73.6
45	79.8	82.0	83.0	83.6	83.4	82.3	80.5	78.1	75.1	71.7
50	79.8	81.7	82.6	82.9	82.4	81.1	79.0	76.4	73.2	69.5
55	79.8	81.5	82.1	82.1	81.4	79.9	77.5	74.7	71.3	67.3
60	79.8	81.2	81.6	81.4	80.4	78.5	76.0	72.9	69.3	65.1
65	79.8	80.9	81.0	80.5	79.2	77.2	74.4	71.1	67.3	62.9
70	79.8	80.6	80.4	79.7	78.2	75.8	72.7	69.2	65.2	60.6
75	79.8	80.3	79.8	78.9	77.0	74.4	71.1	67.3	63.1	58.3
80	79.8	80.0	79.3	78.0	75.9	73.0	69.4	65.5	61.0	56.0
85	79.8	79.7	78.7	77.1	74.7	71.6	67.9	63.6	59.0	53.8
90	79.8	79.4	78.1	76.2	73.6	70.2	66.2	61.8	56.9	51.5
95	79.8	79.0	77.5	75.3	72.5	68.8	64.7	59.9	54.8	49.4
100	79.8	78.7	76.9	74.5	71.4	67.6	63.1	58.2	52.9	47.4
105	79.8	78.4	76.3	73.7	70.3	66.2	61.7	56.5	51.2	45.4
110	79.8	78.2	75.7	72.9	69.2	65.0	60.2	55.0	49.4	43.7
115	79.8	77.8	75.2	72.2	68.3	63.8	58.9	53.5	47.9	42.0
120	79.8	77.6	74.8	71.5	67.3	62.7	57.7	52.2	46.4	40.5
125	79.8	77.2	74.2	70.7	66.5	61.7	56.5	51.0	45.1	39.2
130	79.8	76.9	73.9	70.1	65.7	60.8	55.5	49.8	44.0	38.0
135	79.8	76.7	73.4	69.5	65.0	59.9	54.5	48.8	43.0	37.0
140	79.8	76.5	73.0	69.0	64.3	59.1	53.7	47.9	42.1	36.1
145	79.8	76.4	72.6	68.5	63.7	58.5	52.9	47.1	41.3	35.4
150	79.8	76.2	72.3	68.1	63.2	57.9	52.3	46.4	40.6	34.7
155	79.8	76.0	72.2	67.8	62.8	57.4	51.8	45.9	40.1	34.2
160	79.8	75.9	72.0	67.4	62.4	57.0	51.3	45.4	39.6	33.8
165	79.8	75.9	71.6	67.2	62.1	56.7	51.0	45.1	39.3	33.5
170	79.8	75.8	71.5	67.0	61.9	56.4	50.7	44.8	39.0	33.3
175	79.8	75.7	71.4	67.0	61.8	56.3	50.6	44.7	38.9	33.1
180	79.8	75.7	71.6	66.9	61.7	56.2	50.5	44.6	38.8	33.0
185	79.8	75.7	71.4	66.9	61.8	56.2	50.5	44.6	38.8	33.1
190	79.8	75.8	71.5	67.0	61.8	56.4	50.6	44.8	38.9	33.2
195	79.8	75.8	71.6	67.2	62.1	56.6	50.9	45.0	39.2	33.4
200	79.8	75.9	71.8	67.4	62.3	56.8	51.2	45.3	39.4	33.7
205	79.8	76.1	71.9	67.6	62.7	57.2	51.6	45.8	39.9	34.0
210	79.8	76.2	72.2	68.0	63.1	57.7	52.1	46.3	40.4	34.5
215	79.8	76.4	72.5	68.4	63.5	58.3	52.7	46.9	41.0	35.1
220	79.8	76.5	72.9	68.8	64.1	58.9	53.5	47.6	41.8	35.8
225	79.8	76.7	73.2	69.3	64.7	59.7	54.3	48.5	42.7	36.7
230	79.8	77.0	73.5	69.9	65.5	60.5	55.2	49.5	43.7	37.7
235	79.8	77.2	74.1	70.5	66.3	61.5	56.2	50.6	44.8	38.8

## RP Lighting • Fans

### Photometric Data Table [Unit:cd] 8966WH-2734 3000K

240	79.8	77.4	74.6	71.2	67.1	62.5	57.3	51.8	46.1	40.1
245	79.8	77.7	75.1	71.9	68.0	63.6	58.5	53.1	47.5	41.6
250	79.8	78.0	75.7	72.7	69.0	64.7	59.8	54.6	49.0	43.1
255	79.8	78.3	76.2	73.4	69.9	65.9	61.3	56.1	50.7	44.8
260	79.8	78.6	76.8	74.3	71.0	67.2	62.7	57.7	52.5	46.8
265	79.8	78.8	77.4	75.1	72.1	68.5	64.3	59.5	54.4	48.8
270	79.8	79.1	77.9	76.0	73.2	69.8	65.9	61.3	56.3	50.9
275	79.8	79.5	78.5	76.8	74.4	71.2	67.5	63.2	58.4	53.1
280	79.8	79.8	79.1	77.8	75.5	72.6	69.1	65.1	60.5	55.4
285	79.8	80.0	79.8	78.7	76.7	74.0	70.7	67.0	62.6	57.7
290	79.8	80.4	80.4	79.6	77.8	75.5	72.4	68.9	64.7	60.0
295	79.8	80.6	81.0	80.4	79.0	76.8	74.1	70.7	66.8	62.3
300	79.8	80.9	81.6	81.3	80.1	78.2	75.7	72.6	68.9	64.6
305	79.8	81.2	82.1	82.0	81.2	79.5	77.3	74.4	70.9	66.9
310	79.8	81.4	82.6	82.8	82.2	80.8	78.9	76.2	72.9	69.2
315	79.8	81.8	83.0	83.5	83.1	82.0	80.3	77.9	74.8	71.3
320	79.8	81.8	83.5	84.1	84.1	83.1	81.7	79.4	76.6	73.2
325	79.8	82.0	83.9	84.8	84.9	84.2	82.9	80.8	78.2	75.1
330	79.8	82.2	84.3	85.3	85.6	85.1	84.0	82.1	79.7	76.7
335	79.8	82.3	84.6	85.8	86.3	85.9	85.0	83.2	81.0	78.2
340	79.8	82.5	84.9	86.2	86.8	86.7	85.8	84.2	82.1	79.4
345	79.8	82.6	85.0	86.5	87.2	87.1	86.5	84.9	83.0	80.4
350	79.8	82.7	85.2	86.7	87.5	87.6	87.0	85.6	83.7	81.1
355	79.8	82.7	85.3	86.9	87.7	87.8	87.3	85.9	84.1	81.6
360	79.8	83.0	85.2	86.9	87.8	87.9	87.3	86.2	84.2	81.7

C\G	50	55	60	65	70	75	80	85	90
0	78.7	75.0	71.0	66.4	61.8	57.2	51.9	42.8	34.2
5	78.5	74.9	70.8	66.3	61.6	56.9	51.8	42.7	34.0
10	78.1	74.4	70.3	65.7	61.0	56.2	50.8	41.5	33.0
15	77.3	73.6	69.4	64.7	59.9	55.0	49.0	39.6	31.4
20	76.2	72.4	68.2	63.4	58.6	53.6	47.5	38.2	30.1
25	74.9	71.1	66.7	61.9	56.9	51.9	45.9	36.7	28.6
30	73.4	69.4	64.9	59.9	54.9	49.9	43.8	34.8	26.7
35	71.6	67.5	62.9	57.9	52.7	47.6	41.5	32.8	24.7
40	69.6	65.4	60.6	55.5	50.2	45.0	38.9	30.5	22.4
45	67.6	63.1	58.2	52.9	47.6	42.2	36.1	28.0	20.0
50	65.3	60.7	55.6	50.2	44.7	39.2	33.1	25.2	17.4
55	63.0	58.1	52.8	47.4	41.8	35.8	30.0	22.3	14.6
60	60.6	55.6	50.1	44.5	38.7	32.7	26.7	19.4	12.1
65	58.1	53.0	47.3	41.5	35.6	29.4	23.4	17.1	10.8
70	55.6	50.3	44.5	38.6	32.5	26.1	20.1	14.1	8.5
75	53.1	47.7	41.7	35.6	29.5	22.9	16.7	10.8	5.8
80	50.7	45.1	39.0	32.8	26.5	19.8	13.5	7.8	3.4
85	48.3	42.5	36.3	30.0	23.6	16.9	10.6	5.1	1.5
90	45.9	40.0	33.7	27.3	20.8	14.2	8.1	3.1	0.6
95	43.7	37.5	31.2	24.8	18.3	11.9	6.2	2.0	0.5
100	41.5	35.2	28.9	22.5	16.1	10.1	5.0	1.6	0.5

## ***RP Lighting • Fans***

### **Photometric Data Table [Unit:cd] 8966WH-2734 3000K**

<b>105</b>	39.5	33.2	26.9	20.6	14.4	8.8	4.3	1.6	0.5
<b>110</b>	37.6	31.3	25.1	18.9	13.1	8.0	4.0	1.6	0.6
<b>115</b>	35.9	29.7	23.5	17.6	12.1	7.4	3.9	1.5	0.6
<b>120</b>	34.4	28.3	22.3	16.6	11.4	7.1	3.8	1.5	0.5
<b>125</b>	33.2	27.1	21.3	15.8	10.9	6.9	3.8	1.4	0.5
<b>130</b>	32.1	26.1	20.4	15.2	10.5	6.7	3.7	1.3	0.5
<b>135</b>	31.1	25.2	19.8	14.7	10.3	6.6	3.7	1.3	0.5
<b>140</b>	30.2	24.5	19.2	14.3	10.1	6.6	3.7	1.2	0.5
<b>145</b>	29.5	24.0	18.8	14.1	10.0	6.5	3.7	1.2	0.5
<b>150</b>	29.0	23.5	18.4	13.8	9.9	6.5	3.7	1.2	0.5
<b>155</b>	28.5	23.1	18.2	13.7	9.8	6.5	3.6	1.1	0.5
<b>160</b>	28.2	22.8	17.9	13.6	9.7	6.5	3.6	1.1	0.5
<b>165</b>	27.9	22.6	17.8	13.5	9.7	6.4	3.6	1.1	0.5
<b>170</b>	27.7	22.5	17.7	13.4	9.7	6.4	3.5	1.1	0.5
<b>175</b>	27.5	22.4	17.6	13.4	9.6	6.4	3.5	1.1	0.5
<b>180</b>	27.5	22.3	17.6	13.4	9.6	6.4	3.5	1.1	0.5
<b>185</b>	27.5	22.3	17.6	13.4	9.7	6.4	3.5	1.1	0.5
<b>190</b>	27.6	22.4	17.7	13.4	9.6	6.4	3.5	1.1	0.5
<b>195</b>	27.8	22.5	17.7	13.4	9.7	6.4	3.5	1.0	0.5
<b>200</b>	28.0	22.7	17.8	13.5	9.7	6.4	3.5	1.0	0.5
<b>205</b>	28.4	22.9	18.0	13.6	9.7	6.4	3.5	1.1	0.5
<b>210</b>	28.7	23.3	18.3	13.7	9.8	6.4	3.6	1.1	0.5
<b>215</b>	29.3	23.7	18.5	13.9	9.8	6.4	3.6	1.1	0.5
<b>220</b>	29.9	24.2	18.9	14.1	9.9	6.4	3.6	1.2	0.5
<b>225</b>	30.7	24.9	19.5	14.5	10.1	6.5	3.6	1.2	0.5
<b>230</b>	31.6	25.7	20.1	14.9	10.3	6.6	3.6	1.2	0.5
<b>235</b>	32.6	26.7	20.8	15.4	10.6	6.7	3.6	1.2	0.5
<b>240</b>	33.9	27.9	21.8	16.2	11.1	6.9	3.6	1.3	0.5
<b>245</b>	35.3	29.2	23.0	17.1	11.7	7.1	3.7	1.4	0.5
<b>250</b>	36.9	30.7	24.4	18.3	12.6	7.6	3.8	1.5	0.5
<b>255</b>	38.7	32.5	26.1	19.7	13.8	8.3	4.0	1.5	0.5
<b>260</b>	40.7	34.5	28.1	21.6	15.3	9.4	4.5	1.5	0.5
<b>265</b>	43.0	36.8	30.4	23.8	17.4	11.0	5.4	1.7	0.5
<b>270</b>	45.3	39.1	32.8	26.4	19.7	13.2	7.2	2.4	0.6
<b>275</b>	47.6	41.7	35.4	29.1	22.4	15.8	9.5	4.1	1.0
<b>280</b>	50.0	44.2	38.1	31.9	25.3	18.7	12.4	6.6	2.6
<b>285</b>	52.5	46.9	40.9	34.8	28.3	21.7	15.5	9.6	4.9
<b>290</b>	55.0	49.5	43.7	37.8	31.5	25.0	18.9	12.8	7.5
<b>295</b>	57.5	52.2	46.5	40.7	34.5	28.3	22.4	16.0	9.8
<b>300</b>	60.0	54.9	49.3	43.7	37.7	31.6	25.6	18.1	11.0
<b>305</b>	62.5	57.4	52.1	46.6	40.8	34.8	29.0	21.1	13.2
<b>310</b>	64.8	60.0	55.0	49.5	43.9	38.0	32.2	24.1	15.8
<b>315</b>	67.1	62.5	57.6	52.3	46.8	41.3	35.3	26.9	18.7
<b>320</b>	69.2	64.8	60.1	54.9	49.5	44.2	38.3	29.5	21.1
<b>325</b>	71.2	67.0	62.4	57.3	52.0	47.0	41.0	32.0	23.5
<b>330</b>	73.1	68.9	64.5	59.6	54.4	49.4	43.4	34.1	25.6
<b>335</b>	74.6	70.7	66.4	61.5	56.4	51.5	45.5	35.9	27.5
<b>340</b>	76.0	72.1	68.0	63.2	58.2	53.3	47.3	37.6	29.3
<b>345</b>	77.1	73.3	69.2	64.5	59.6	54.8	49.0	39.3	31.0

## ***RP Lighting • Fans***

### **Photometric Data Table [Unit:cd] 8966WH-2734 3000K**

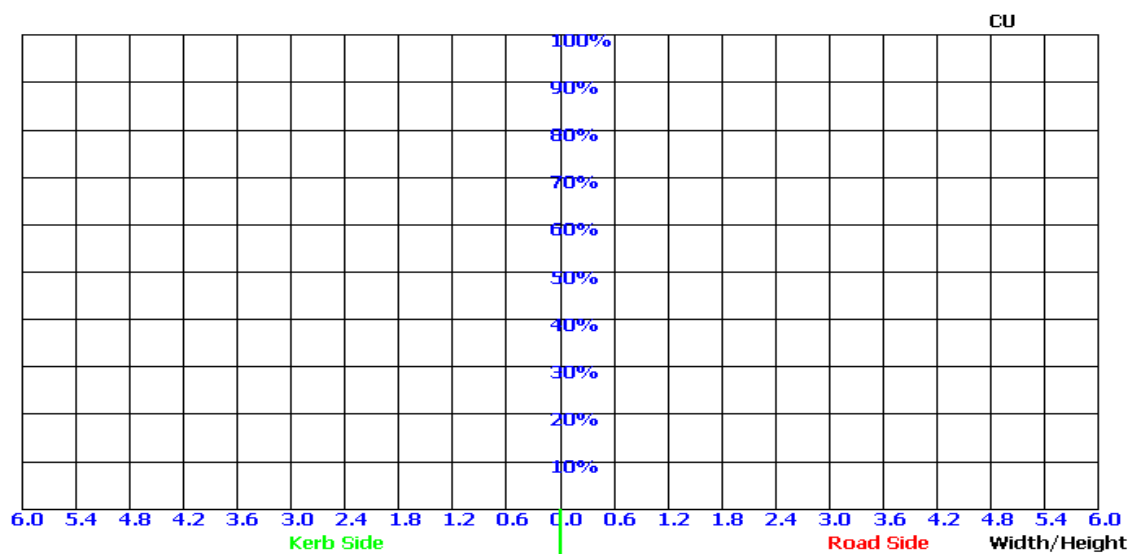
<b>350</b>	78.0	74.2	70.1	65.6	60.9	56.1	50.7	41.2	32.9
<b>355</b>	78.5	74.8	70.7	66.3	61.6	56.9	51.7	42.6	33.9
<b>360</b>	78.7	75.0	71.0	66.4	61.8	57.2	51.9	42.8	34.2

## ***RP Lighting • Fans***

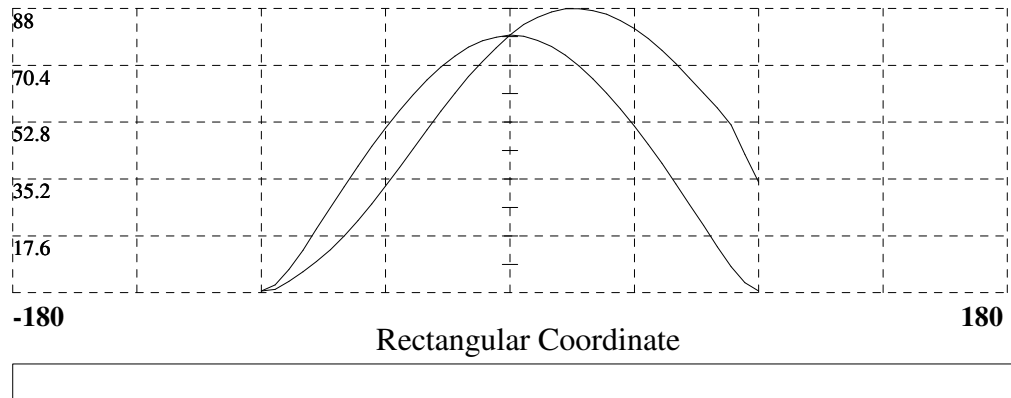
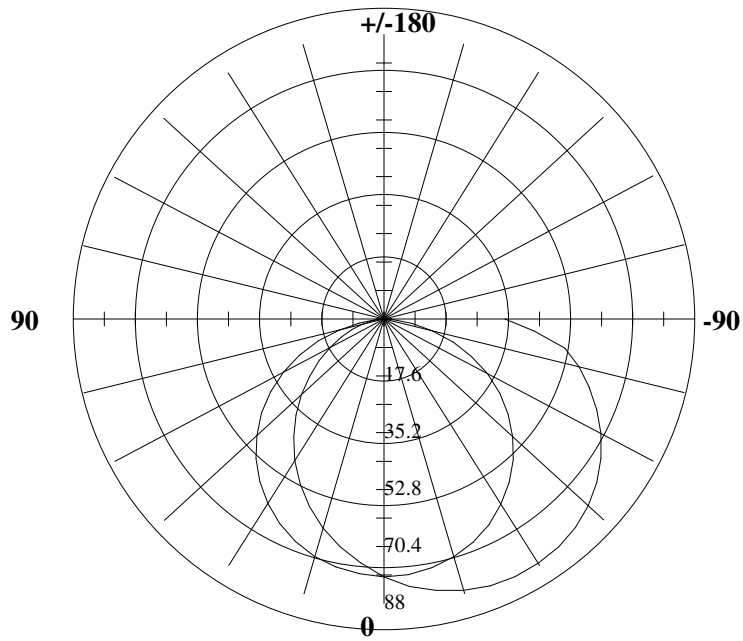
### **Zonal Flux 8966WH-2734 3000K**

<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>	79.81	0.00	0.00	0.00	0.00
<b>5</b>	79.29	1.90	1.90	-190.19	-190.19
<b>10</b>	78.18	5.63	7.54	-563.33	-753.52
<b>15</b>	76.50	9.18	16.71	-917.59	-1671.11
<b>20</b>	74.07	12.41	29.12	-1240.90	-2912.01
<b>25</b>	71.00	15.22	44.34	-1521.50	-4433.52
<b>30</b>	67.44	17.52	61.86	-1752.05	-6185.57
<b>35</b>	63.37	19.26	81.12	-1926.32	-8111.89
<b>40</b>	58.96	20.41	101.53	-2041.02	-10152.91
<b>45</b>	54.22	20.96	122.49	-2095.66	-12248.57
<b>50</b>	49.19	20.90	143.38	-2089.64	-14338.22
<b>55</b>	44.01	20.27	163.65	-2026.55	-16364.77
<b>60</b>	38.73	19.12	182.77	-1912.37	-18277.13
<b>65</b>	33.45	17.55	200.32	-1754.50	-20031.64
<b>70</b>	28.31	15.64	215.95	-1563.84	-21595.47
<b>75</b>	23.44	13.53	229.48	-1352.76	-22948.24
<b>80</b>	18.74	11.29	240.77	-1128.59	-24076.83
<b>85</b>	13.49	8.76	249.53	-875.91	-24952.74
<b>90</b>	9.57	6.31	255.84	-631.40	-25584.13

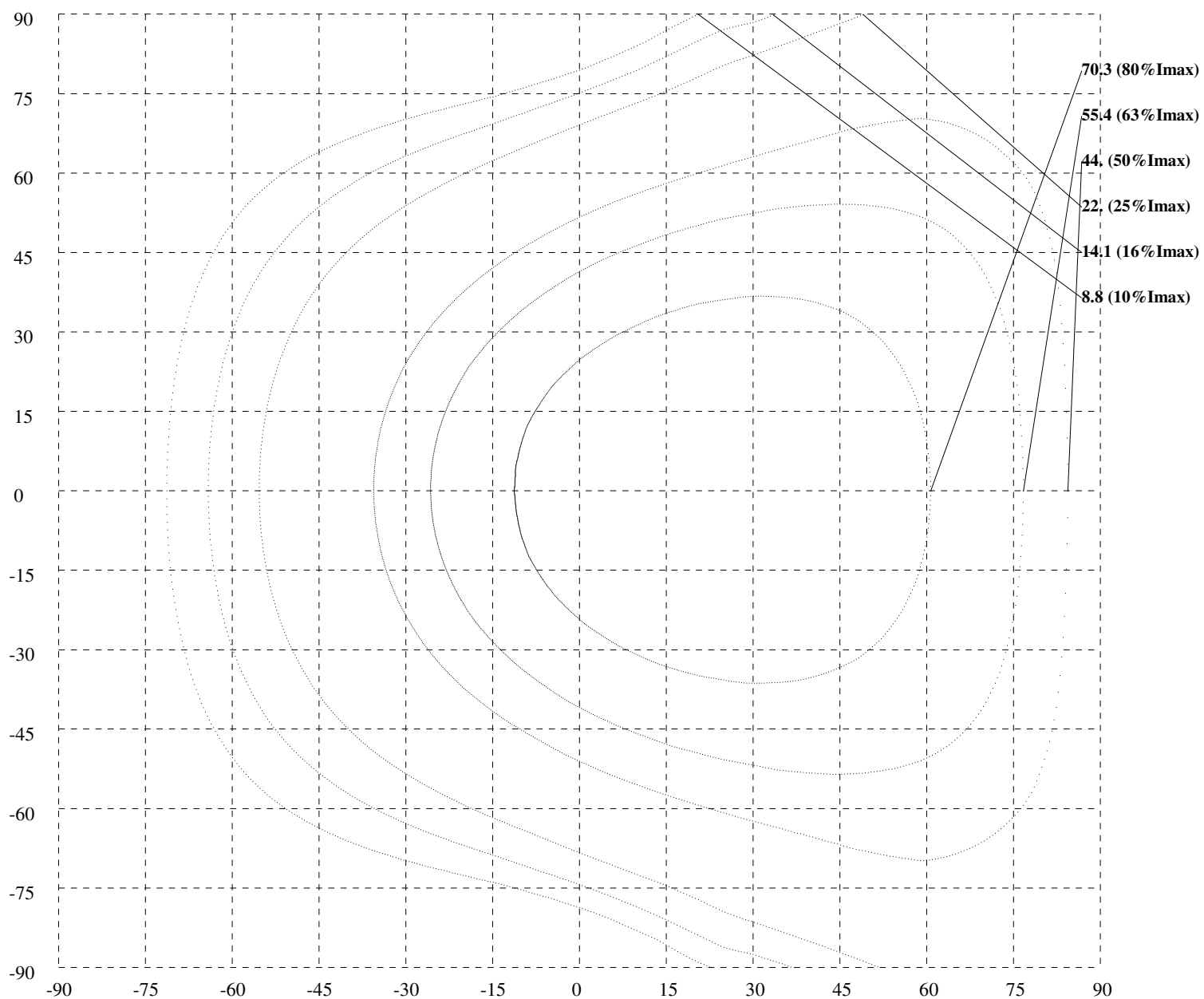
***RP Lighting • Fans***  
***Coefficient Utilization Curve 8966WH-2734 3000K***



Light Distribution Curve[Unit: cd]

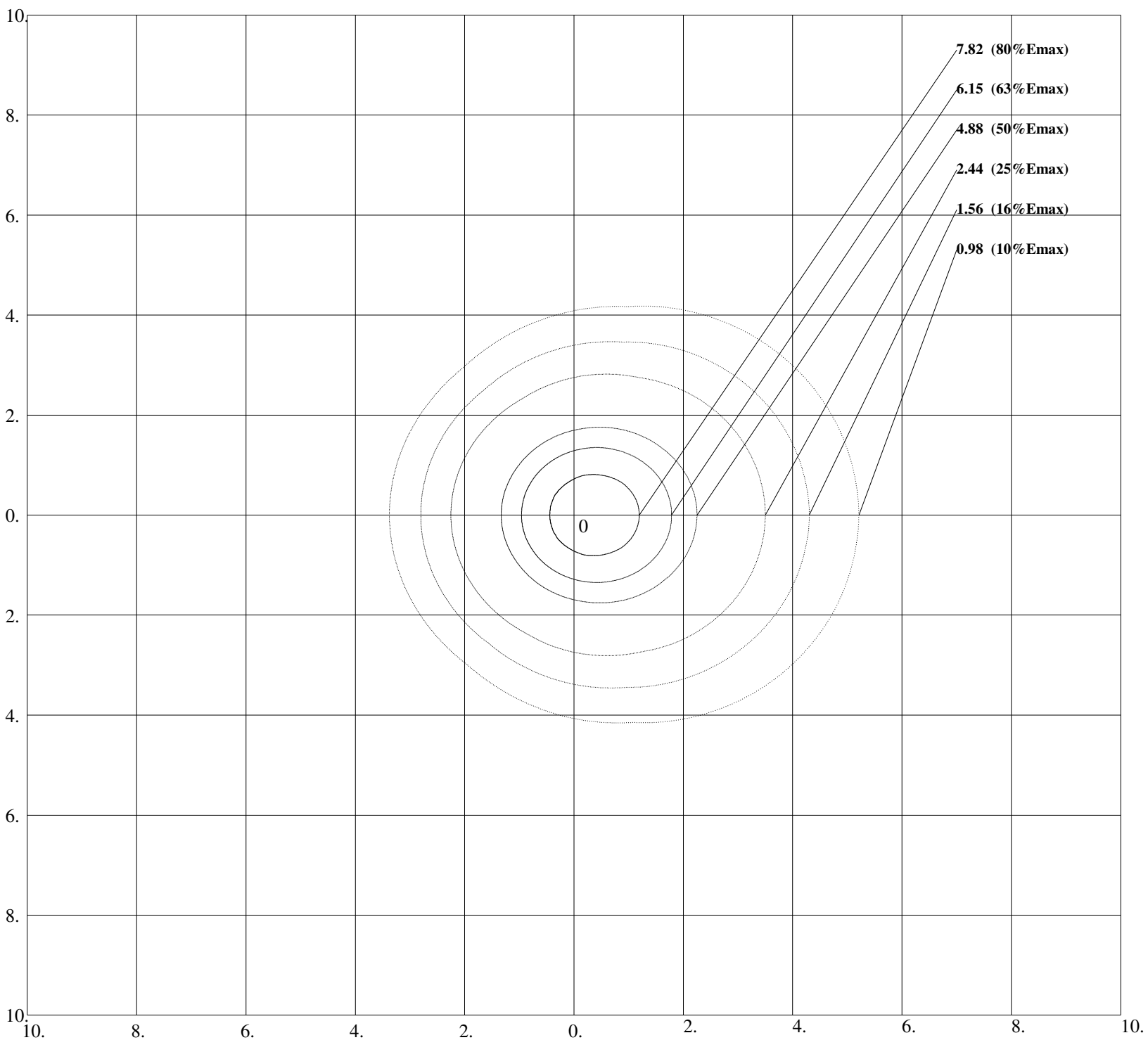






RP Lighting • Fans

Iso-Lux [Unit :lx] 8966WH-2734 3000K



Units: lx  
Height: 3 m  
Max Illuminance : 9.77lx

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

