

## Test Report of Luminaire

**Report No.:**

Luminaire Type	4205WH-35K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3353K, CRI: 85.3Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.335
Power:	40.0	Power Factor	0.995
Frequency:	60Hz	Tc	3500K
<b>Photometric Parameters</b>			
Luminaire Flux	3665.10 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1116.647cd	Central Intensity	1116.646cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-366509.7%		
50%Imax Beam Width	C0_180[ 60.8 ,-60.8] C90_270[ 62.2 ,-60.8]		
Remark			

### Luminaire Figure



## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 4205WH-35K

C\G	0	5	10	15	20	25	30	35	40	45
0	1116.6	1113.2	1103.5	1085.2	1059.1	1024.4	982.0	930.9	872.5	806.8
5	1116.6	1113.5	1103.5	1086.2	1060.1	1025.1	983.0	932.6	873.9	808.4
10	1116.6	1113.5	1104.2	1086.2	1060.8	1026.4	984.0	933.6	875.9	810.4
15	1116.6	1113.9	1104.2	1086.5	1061.1	1026.7	985.0	935.0	876.9	811.8
20	1116.6	1114.2	1104.5	1087.2	1061.1	1027.1	985.4	935.0	876.9	811.8
25	1116.6	1113.9	1104.5	1086.8	1061.1	1026.4	985.0	934.6	875.9	811.1
30	1116.6	1113.9	1104.5	1086.5	1060.8	1026.1	983.7	933.0	874.5	809.1
35	1116.6	1114.2	1104.9	1086.2	1059.8	1024.7	982.4	930.6	871.9	806.4
40	1116.6	1114.2	1104.5	1085.8	1059.1	1023.4	980.3	928.6	869.2	802.8
45	1116.6	1114.5	1104.2	1085.5	1058.5	1022.7	978.7	926.6	866.9	799.4
50	1116.6	1114.5	1104.5	1086.2	1058.5	1022.7	978.3	926.3	866.2	799.1
55	1116.6	1114.9	1105.2	1086.8	1059.8	1024.4	980.7	929.3	869.5	803.1
60	1116.6	1114.9	1105.5	1088.2	1062.1	1027.1	984.7	933.6	874.9	809.1
65	1116.6	1115.5	1106.9	1089.5	1064.1	1030.4	988.4	938.0	880.2	815.1
70	1116.6	1115.5	1107.2	1090.5	1066.1	1032.8	991.7	942.0	884.9	820.5
75	1116.6	1115.9	1107.9	1091.5	1067.5	1034.4	994.4	945.3	888.6	824.1
80	1116.6	1115.5	1108.2	1092.5	1068.5	1036.1	995.7	947.3	890.6	826.8
85	1116.6	1115.5	1108.2	1092.8	1068.8	1036.8	996.4	948.0	891.6	827.5
90	1116.6	1115.5	1108.2	1092.8	1068.8	1036.8	996.4	947.3	890.9	827.1
95	1116.6	1115.5	1107.9	1092.5	1068.5	1035.4	995.4	946.0	889.6	825.8
100	1116.6	1115.2	1107.5	1092.2	1067.1	1034.4	994.0	945.3	887.9	823.8
105	1116.6	1115.2	1107.2	1091.5	1066.5	1034.4	993.7	944.3	887.6	823.1
110	1116.6	1114.9	1106.9	1091.2	1066.1	1033.4	992.7	943.6	886.9	822.5
115	1116.6	1114.9	1106.5	1090.2	1065.5	1032.4	991.7	942.0	885.2	820.8
120	1116.6	1114.5	1106.2	1089.2	1064.1	1030.4	989.4	939.3	882.2	817.5
125	1116.6	1114.2	1104.9	1087.8	1061.8	1028.1	986.4	936.0	878.2	812.8
130	1116.6	1113.5	1104.2	1085.8	1059.8	1025.1	982.4	931.9	872.9	807.4
135	1116.6	1113.5	1103.2	1084.2	1057.1	1021.7	978.3	926.9	867.5	801.1
140	1116.6	1112.9	1102.2	1082.5	1054.5	1018.4	974.0	921.9	861.5	794.8
145	1116.6	1112.9	1101.5	1081.2	1052.4	1015.1	970.0	916.9	856.2	788.4
150	1116.6	1112.9	1100.8	1080.5	1051.1	1014.1	968.3	914.6	853.5	785.1
155	1116.6	1112.5	1100.8	1079.8	1051.4	1014.7	969.0	915.9	855.2	786.7
160	1116.6	1112.5	1100.8	1080.8	1052.4	1016.1	971.3	918.6	858.5	791.4
165	1116.6	1112.9	1101.2	1081.5	1053.8	1018.4	974.0	921.9	862.5	796.1
170	1116.6	1112.5	1101.9	1082.5	1055.1	1020.1	976.7	924.9	866.2	799.8
175	1116.6	1112.9	1101.9	1083.2	1056.5	1021.7	978.3	927.6	868.9	803.4
180	1116.6	1112.9	1102.5	1084.2	1057.8	1022.7	980.3	929.3	871.2	805.4
185	1116.6	1112.9	1102.9	1084.8	1058.1	1024.1	981.0	930.6	872.2	806.8
190	1116.6	1112.9	1103.2	1084.8	1058.5	1024.4	981.4	930.9	872.9	807.1
195	1116.6	1113.2	1103.2	1085.2	1058.8	1024.4	981.4	930.9	872.2	806.8
200	1116.6	1113.2	1103.5	1085.2	1059.1	1024.7	981.7	930.6	872.2	806.8
205	1116.6	1113.5	1103.5	1085.2	1059.1	1024.7	981.7	930.9	872.5	806.8
210	1116.6	1113.5	1103.5	1085.5	1059.5	1024.7	982.0	930.9	872.5	806.8
215	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	982.0	930.6	872.5	806.8
220	1116.6	1113.5	1103.5	1085.2	1059.1	1024.4	981.7	930.9	872.2	806.4
225	1116.6	1113.5	1103.5	1085.2	1059.1	1024.7	981.7	930.9	872.5	806.8
230	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	982.0	930.9	872.5	806.8
235	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	981.7	930.9	872.2	806.8

## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 4205WH-35K

240	1116.6	1113.5	1103.9	1085.2	1059.1	1024.7	982.0	930.6	872.2	806.8
245	1116.6	1113.2	1103.5	1085.2	1059.5	1024.7	981.7	930.9	872.5	806.8
250	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	981.7	930.9	872.2	806.8
255	1116.6	1113.5	1103.5	1085.5	1059.5	1024.7	981.7	930.6	872.2	807.1
260	1116.6	1113.5	1103.5	1085.2	1059.5	1024.7	981.7	930.6	872.5	806.4
265	1116.6	1113.5	1103.2	1085.5	1059.5	1024.7	981.7	930.9	872.2	807.1
270	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	981.7	930.9	872.5	807.1
275	1116.6	1113.9	1103.9	1085.5	1059.1	1025.1	982.0	930.9	872.2	806.8
280	1116.6	1113.5	1103.9	1085.5	1059.1	1024.7	981.7	930.9	872.5	806.4
285	1116.6	1113.2	1103.5	1085.5	1058.8	1024.7	982.0	930.9	872.5	806.8
290	1116.6	1113.5	1103.5	1085.2	1059.5	1024.7	981.7	930.9	872.2	806.8
295	1116.6	1113.5	1103.5	1085.2	1059.5	1025.1	982.0	930.6	872.2	806.8
300	1116.6	1113.9	1103.5	1085.8	1059.1	1024.4	982.0	930.9	872.5	806.8
305	1116.6	1113.5	1103.5	1085.8	1059.1	1024.7	981.7	931.3	872.5	807.1
310	1116.6	1113.5	1103.5	1085.2	1059.5	1024.4	982.0	931.3	872.5	806.4
315	1116.6	1113.5	1103.5	1085.5	1059.5	1024.7	982.0	930.9	872.5	806.8
320	1116.6	1113.5	1103.5	1085.8	1059.1	1024.7	982.0	930.9	872.5	806.8
325	1116.6	1113.9	1103.9	1085.8	1059.1	1024.7	981.7	931.6	872.5	806.4
330	1116.6	1113.2	1103.9	1085.5	1059.1	1024.7	982.0	930.9	872.5	806.8
335	1116.6	1113.5	1103.9	1085.5	1059.1	1024.7	982.0	931.3	872.2	806.8
340	1116.6	1113.5	1103.5	1085.5	1059.1	1024.7	982.0	930.9	872.5	806.4
345	1116.6	1113.5	1103.5	1085.8	1059.1	1025.1	982.0	930.9	872.5	806.8
350	1116.6	1113.5	1103.5	1085.8	1058.8	1024.4	981.7	931.3	872.5	806.8
355	1116.6	1113.9	1103.9	1085.2	1059.1	1024.7	981.7	930.6	872.5	806.8
360	1116.6	1113.2	1103.5	1085.2	1059.1	1024.4	982.0	930.9	872.5	806.8

C\G	50	55	60	65	70	75	80	85	90
0	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.9	122.2
5	736.3	658.2	574.8	486.7	397.2	310.1	231.0	164.4	124.0
10	738.3	660.6	577.1	489.3	399.9	312.1	233.0	165.5	125.5
15	739.7	661.9	578.8	491.0	401.2	313.1	232.7	164.9	125.1
20	740.0	661.9	578.5	491.3	401.2	312.1	230.3	162.0	122.1
25	739.4	660.9	577.8	489.7	399.2	309.8	226.3	156.6	116.7
30	736.7	658.6	574.8	486.3	395.9	305.8	220.3	148.9	108.9
35	733.7	655.2	570.8	482.3	391.2	300.1	213.6	139.4	99.1
40	729.3	650.6	566.1	477.0	385.2	293.4	206.3	129.5	87.8
45	725.7	646.6	561.4	471.6	379.5	287.1	199.3	120.7	76.5
50	724.7	644.9	559.4	469.6	377.2	284.4	195.9	116.7	70.3
55	729.7	650.2	565.1	476.0	383.5	291.7	203.3	124.8	79.3
60	736.7	657.9	573.5	484.7	393.2	301.7	214.3	136.8	92.3
65	743.0	665.2	581.1	493.0	402.2	311.4	225.0	149.3	104.7
70	748.7	671.3	588.5	500.4	409.9	319.8	234.3	160.4	115.5
75	753.4	676.3	593.1	506.0	416.2	326.4	242.0	169.2	123.8
80	755.7	679.6	596.5	509.7	419.9	330.8	247.7	175.1	129.5
85	757.0	680.3	597.8	511.0	421.6	332.8	250.3	178.2	132.3
90	756.4	679.6	597.2	510.0	420.9	332.5	250.7	178.6	132.2
95	754.7	677.6	594.8	508.0	418.6	330.5	248.3	176.7	129.6
100	752.4	675.6	592.8	505.4	416.2	327.5	246.0	174.1	126.9

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

### **Photometric Data Table [Unit:cd] 4205WH-35K**

<b>105</b>	752.4	675.3	592.8	505.4	416.2	327.8	246.0	174.3	128.1
<b>110</b>	751.4	674.9	592.1	505.0	415.6	327.1	245.0	173.4	128.6
<b>115</b>	749.4	672.9	589.8	503.0	413.6	324.8	242.0	170.3	126.9
<b>120</b>	746.4	668.9	586.1	499.0	409.2	320.1	236.7	164.8	122.5
<b>125</b>	741.7	663.9	580.8	493.0	403.2	313.8	229.0	157.0	115.5
<b>130</b>	735.0	657.2	573.5	485.7	395.5	305.1	220.0	146.8	106.2
<b>135</b>	728.3	649.9	565.8	477.3	386.2	295.4	209.3	134.8	95.0
<b>140</b>	721.0	641.6	556.8	467.6	376.5	284.7	197.9	122.4	82.7
<b>145</b>	713.6	634.2	548.8	459.0	366.8	274.4	187.6	111.3	70.9
<b>150</b>	710.3	629.9	544.1	454.0	361.5	269.4	182.3	106.0	65.6
<b>155</b>	712.6	632.9	547.4	457.6	365.8	274.7	188.3	113.5	75.0
<b>160</b>	717.7	638.5	553.4	464.0	373.2	282.7	197.6	125.2	87.8
<b>165</b>	722.7	643.9	559.4	471.0	380.5	291.1	207.0	137.5	100.0
<b>170</b>	727.0	648.9	565.1	477.0	386.9	298.1	215.3	148.2	110.5
<b>175</b>	731.0	652.9	569.5	481.7	391.9	303.8	222.6	156.6	118.5
<b>180</b>	733.3	655.2	571.8	485.0	395.2	307.4	228.0	162.3	123.8
<b>185</b>	735.0	656.6	573.5	486.0	396.9	309.4	230.7	165.2	126.4
<b>190</b>	735.0	657.2	573.5	486.0	396.5	309.8	231.7	165.7	126.2
<b>195</b>	734.7	656.2	572.5	485.0	395.9	308.4	230.3	164.1	124.0
<b>200</b>	734.3	656.2	572.1	484.7	394.9	307.8	229.3	162.7	122.1
<b>205</b>	734.0	656.2	572.1	484.3	395.2	307.8	229.3	162.7	122.1
<b>210</b>	734.3	656.2	572.1	484.3	394.9	307.8	229.3	162.7	122.1
<b>215</b>	734.3	656.2	572.1	484.3	395.2	307.8	229.6	162.7	122.1
<b>220</b>	734.3	656.2	572.5	484.7	394.9	307.8	229.3	162.7	122.1
<b>225</b>	734.3	655.9	572.1	484.3	395.2	307.4	229.3	162.8	122.1
<b>230</b>	734.3	656.2	572.5	484.7	394.9	307.8	229.6	162.8	122.2
<b>235</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.1
<b>240</b>	734.0	656.2	572.1	484.7	395.2	307.8	229.3	162.8	122.2
<b>245</b>	734.3	656.2	572.1	484.3	394.9	307.8	229.3	162.8	122.2
<b>250</b>	734.0	656.2	572.5	484.7	395.2	307.8	229.3	162.8	122.2
<b>255</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.3	162.8	122.2
<b>260</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>265</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.3	162.8	122.2
<b>270</b>	734.3	656.2	572.5	484.7	395.5	307.8	229.6	162.8	122.2
<b>275</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>280</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.3	162.8	122.2
<b>285</b>	734.3	656.6	572.8	484.7	395.2	308.1	229.3	162.8	122.2
<b>290</b>	734.3	656.2	572.1	484.3	395.2	307.4	229.6	162.8	122.2
<b>295</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>300</b>	734.3	656.6	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>305</b>	734.3	656.2	572.5	484.7	395.2	308.1	229.3	162.8	122.2
<b>310</b>	734.3	656.2	572.1	484.7	395.2	307.8	229.6	162.9	122.2
<b>315</b>	734.3	656.2	572.5	484.7	395.2	308.1	229.3	162.8	122.2
<b>320</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.3	162.8	122.2
<b>325</b>	734.7	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>330</b>	734.3	656.2	572.1	484.3	395.2	308.1	229.6	162.8	122.2
<b>335</b>	734.7	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>340</b>	734.3	656.2	572.5	484.7	395.5	307.8	229.6	162.8	122.2
<b>345</b>	734.0	656.2	572.5	484.7	394.9	307.8	229.6	162.8	122.2

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

### **Photometric Data Table [Unit:cd] 4205WH-35K**

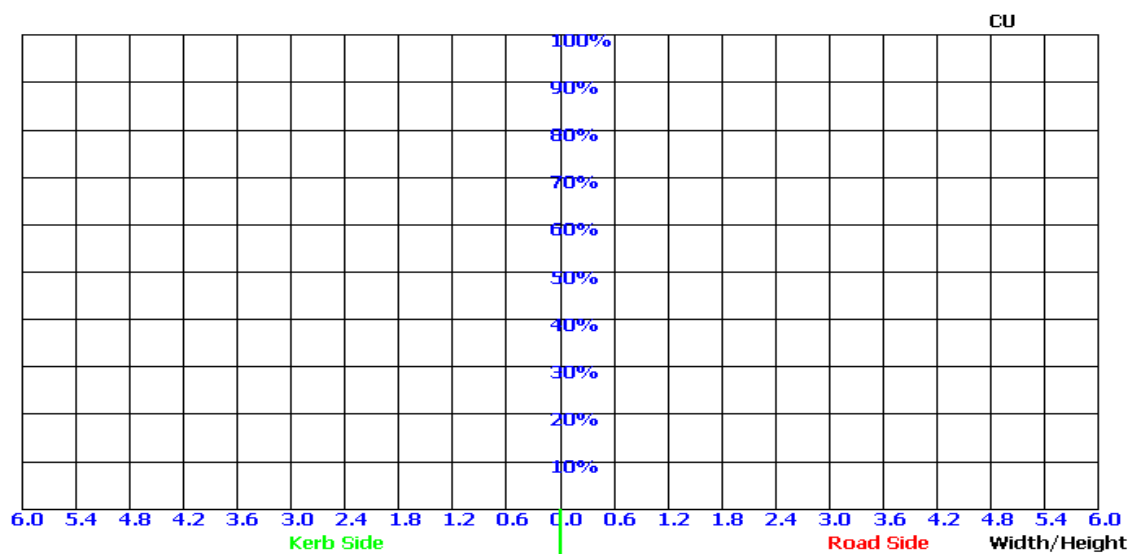
<b>350</b>	734.0	656.2	572.5	484.7	395.2	307.8	229.6	162.8	122.2
<b>355</b>	734.3	655.9	572.1	484.7	395.2	307.8	229.6	162.8	122.2
<b>360</b>	734.3	656.2	572.5	484.7	395.2	307.8	229.6	162.9	122.2

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

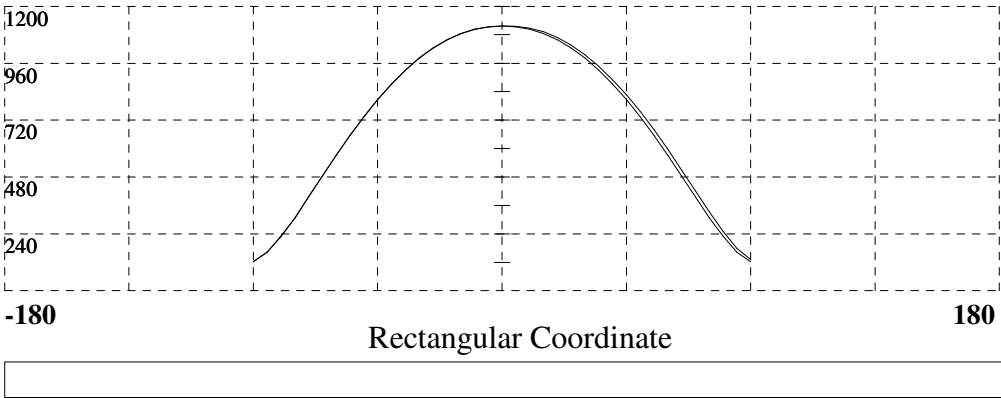
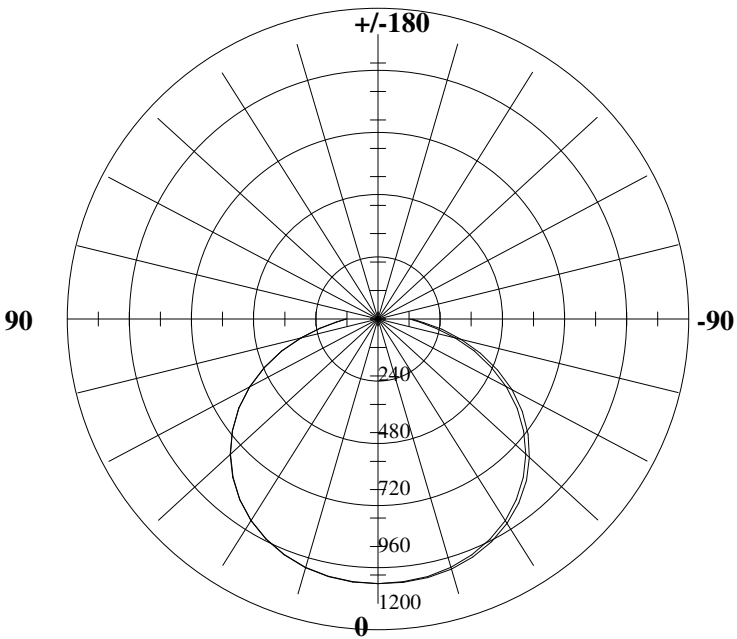
### **Zonal Flux4205WH-35K**

<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>	1116.65	0.00	0.00	0.00	0.00
<b>5</b>	1113.82	26.66	26.66	-2666.46	-2666.46
<b>10</b>	1104.11	79.34	106.01	-7934.25	-10600.71
<b>15</b>	1086.14	129.92	235.93	-12992.45	-23593.16
<b>20</b>	1059.96	176.87	412.80	-17686.90	-41280.06
<b>25</b>	1025.50	218.73	631.53	-21872.59	-63152.55
<b>30</b>	982.84	254.16	885.68	-25415.70	-88568.26
<b>35</b>	932.04	281.98	1167.66	-28198.04	-116766.28
<b>40</b>	873.58	301.25	1468.92	-30125.49	-146891.75
<b>45</b>	807.96	311.35	1780.27	-31135.19	-178026.88
<b>50</b>	735.59	311.90	2092.17	-31189.70	-209216.63
<b>55</b>	657.50	302.90	2395.07	-30290.31	-239507.10
<b>60</b>	573.67	284.58	2679.65	-28458.08	-267965.36
<b>65</b>	485.74	257.54	2937.20	-25754.42	-293719.80
<b>70</b>	395.80	223.21	3160.41	-22321.22	-316040.94
<b>75</b>	307.19	183.75	3344.16	-18375.05	-334416.16
<b>80</b>	225.99	142.66	3486.82	-14266.25	-348682.32
<b>85</b>	156.43	103.91	3590.74	-10391.22	-359073.58
<b>90</b>	115.12	74.35	3665.09	-7435.14	-366508.69

***RP Lighting + Fans***  
***Coefficient Utilization Curve 4205WH-35K***



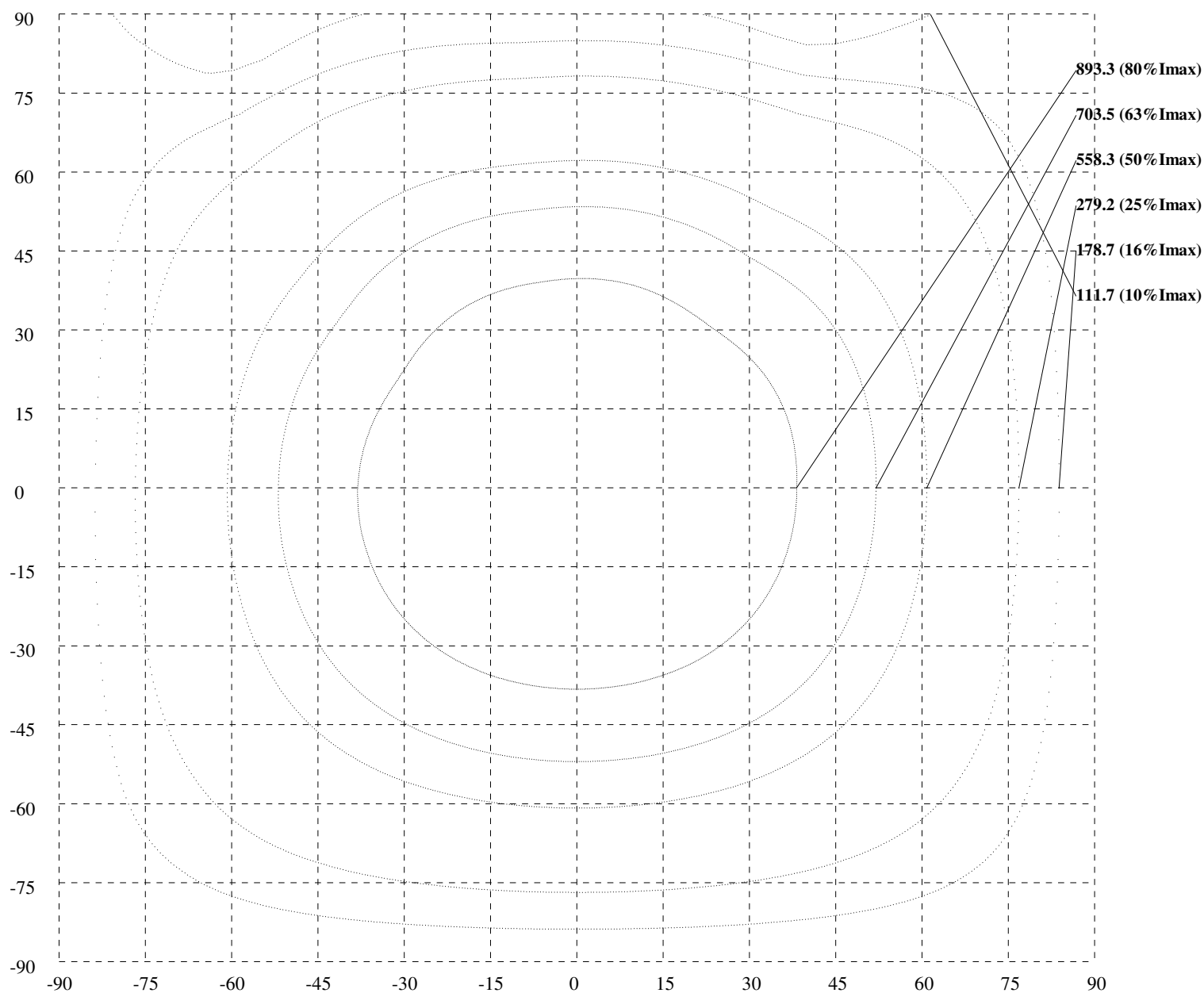
Light Distribution Curve[Unit: cd]





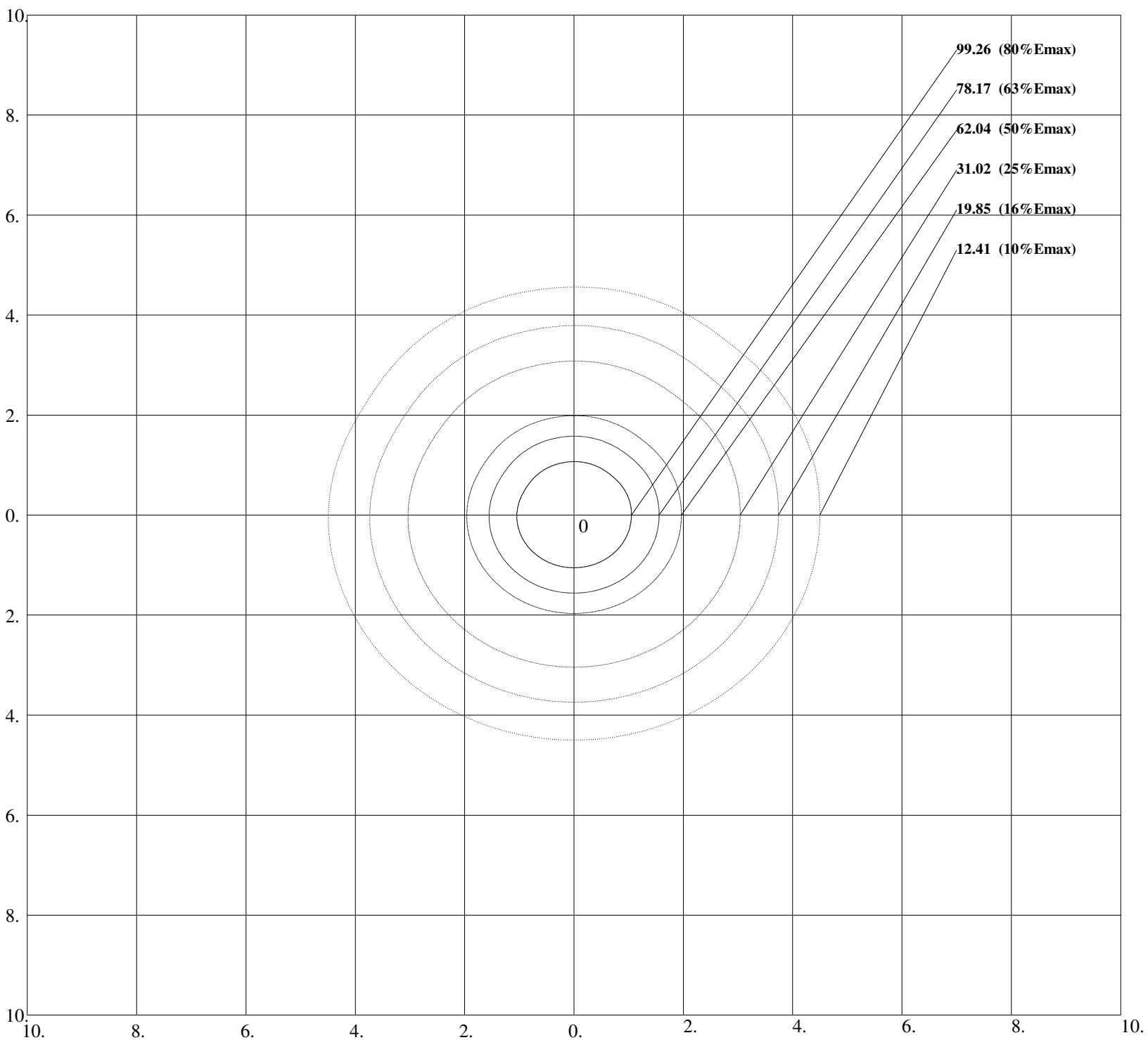
# *RP Lighting + Fans*

**ISO-Candela V-H [Unit :cd]4205WH-35K**



RP Lighting + Fans

Iso-Lux [Unit :lx]4205WH-35K



Units: lx  
Height: 3 m  
Max Illuminance : 124.07lx

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

