

## Test Report of Luminaire

**Report No.:**

Luminaire Type	4205WH-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2908K, CRI: 83.4Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.343
Power:	40.9	Power Factor	0.995
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	3368.43 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1027.625cd	Central Intensity	1027.625cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-336843.2%		
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-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	1027.6	1025.1	1015.4	998.4	974.3	942.0	902.6	855.8	801.8	741.7
5	1027.6	1024.7	1015.7	998.7	974.7	942.6	903.2	856.5	803.1	742.4
10	1027.6	1025.1	1015.4	999.4	975.0	943.3	904.2	857.8	804.1	744.4
15	1027.6	1024.7	1016.1	999.4	975.3	944.0	904.6	858.5	805.1	745.4
20	1027.6	1025.1	1016.1	999.7	975.3	943.6	904.9	858.5	805.1	744.7
25	1027.6	1025.4	1016.1	999.4	975.0	943.3	904.2	857.2	803.8	743.7
30	1027.6	1025.1	1015.7	999.0	974.3	942.3	902.9	855.8	802.1	741.7
35	1027.6	1025.1	1015.7	998.4	973.7	941.0	900.9	853.8	799.8	738.7
40	1027.6	1025.4	1015.7	998.4	972.7	940.0	899.2	851.5	797.1	735.7
45	1027.6	1025.1	1015.7	997.7	972.3	939.0	897.9	849.5	794.8	732.7
50	1027.6	1025.4	1016.1	998.0	972.3	939.0	897.9	849.2	793.8	731.7
55	1027.6	1025.7	1016.4	998.7	973.7	940.3	899.9	852.2	797.1	735.3
60	1027.6	1026.1	1017.4	1000.0	975.7	943.3	903.2	856.5	802.1	741.4
65	1027.6	1026.1	1017.7	1001.4	977.7	946.3	906.9	860.5	806.8	747.0
70	1027.6	1026.1	1018.4	1002.7	979.3	948.6	910.3	864.2	811.5	752.0
75	1027.6	1026.4	1019.1	1003.7	981.0	951.0	912.9	867.5	815.1	756.0
80	1027.6	1026.4	1019.7	1004.7	982.0	952.3	914.6	869.5	817.5	758.7
85	1027.6	1026.4	1019.4	1005.1	982.7	953.0	915.3	870.5	818.5	760.0
90	1027.6	1026.4	1019.7	1005.1	982.7	953.0	915.6	870.2	818.5	760.0
95	1027.6	1026.4	1019.7	1005.1	982.4	952.3	914.6	869.5	817.5	758.4
100	1027.6	1026.1	1019.4	1004.4	981.7	952.0	913.6	868.5	816.1	757.0
105	1027.6	1026.1	1019.1	1004.4	981.4	951.6	913.6	868.5	816.1	757.4
110	1027.6	1026.1	1018.7	1004.0	981.4	951.0	912.9	868.2	815.8	757.0
115	1027.6	1025.4	1018.4	1003.4	980.3	950.0	911.9	866.5	814.5	755.4
120	1027.6	1025.7	1017.7	1002.0	979.0	948.3	910.3	864.5	812.5	753.0
125	1027.6	1025.7	1017.1	1001.0	977.3	946.3	907.6	861.5	808.8	749.0
130	1027.6	1025.1	1016.1	999.7	975.3	943.6	904.2	857.8	804.4	744.4
135	1027.6	1025.1	1015.1	998.0	973.3	940.6	900.9	853.5	799.8	738.7
140	1027.6	1024.7	1014.4	996.7	970.7	937.6	896.6	848.8	793.8	732.7
145	1027.6	1024.4	1013.7	995.4	968.7	934.6	893.6	844.8	789.1	727.0
150	1027.6	1024.4	1013.4	994.4	967.7	933.6	891.6	842.5	786.1	723.7
155	1027.6	1024.1	1013.1	994.4	968.0	934.3	892.6	843.5	788.1	725.7
160	1027.6	1023.7	1013.4	995.0	968.7	935.3	894.6	846.2	791.1	729.3
165	1027.6	1024.4	1013.4	995.7	970.0	937.0	896.2	849.2	794.8	733.7
170	1027.6	1024.1	1013.7	996.4	971.3	938.6	898.6	851.5	797.4	737.3
175	1027.6	1024.4	1014.4	997.4	972.3	940.0	900.6	853.8	800.1	740.0
180	1027.6	1024.4	1014.7	997.4	973.0	941.3	901.6	855.2	801.8	741.4
185	1027.6	1024.4	1015.1	997.7	973.3	941.3	902.6	855.8	802.8	742.4
190	1027.6	1024.1	1015.1	998.0	973.7	942.0	902.9	855.5	802.4	742.4
195	1027.6	1024.7	1015.1	998.4	973.7	942.0	902.2	855.5	802.1	741.7
200	1027.6	1025.1	1015.4	998.4	974.0	941.6	902.2	855.5	801.8	741.4
205	1027.6	1024.7	1015.4	998.0	974.0	942.0	902.6	855.5	801.8	741.4
210	1027.6	1024.4	1015.1	998.4	974.3	942.0	902.9	855.5	802.1	741.4
215	1027.6	1024.4	1015.4	998.4	974.0	941.6	902.2	855.5	802.1	741.4
220	1027.6	1025.1	1015.1	998.4	973.7	942.0	902.2	855.5	802.1	741.7
225	1027.6	1024.7	1015.4	998.0	974.0	942.0	902.9	855.5	802.1	741.7
230	1027.6	1024.7	1015.4	998.7	974.0	942.0	902.6	855.8	802.1	741.7
235	1027.6	1024.7	1015.1	998.0	973.7	942.0	902.6	855.8	802.1	741.4

## RP Lighting + Fans

### Photometric Data Table [Unit:cd] 4205WH-3K

240	1027.6	1024.7	1015.4	998.4	974.0	942.0	902.6	855.5	802.1	741.7
245	1027.6	1024.4	1015.4	998.4	974.0	942.0	902.2	855.5	801.4	741.7
250	1027.6	1024.7	1015.4	998.7	974.0	941.6	902.2	855.5	802.1	741.7
255	1027.6	1024.7	1015.4	998.4	974.0	942.0	902.2	855.5	802.1	741.4
260	1027.6	1024.7	1015.4	998.0	974.0	942.0	902.9	855.5	802.1	741.0
265	1027.6	1024.7	1015.1	998.4	974.3	942.0	902.6	855.5	801.8	741.4
270	1027.6	1024.7	1015.4	998.4	974.3	942.0	902.6	855.5	802.1	741.4
275	1027.6	1024.7	1015.4	998.0	974.0	941.6	902.6	855.5	802.1	741.4
280	1027.6	1024.7	1015.4	998.0	974.0	941.6	902.6	855.8	801.8	741.4
285	1027.6	1024.7	1015.4	998.4	974.0	942.0	902.6	855.5	802.1	741.7
290	1027.6	1024.7	1015.4	998.4	974.3	942.0	902.6	855.5	802.1	741.7
295	1027.6	1024.7	1015.4	998.0	974.3	942.0	902.6	855.5	801.8	741.4
300	1027.6	1024.7	1015.7	998.4	974.0	942.0	902.2	855.5	801.8	741.7
305	1027.6	1024.7	1015.4	998.7	974.0	942.3	902.6	855.5	802.1	741.4
310	1027.6	1024.4	1015.4	998.4	974.3	942.0	902.6	855.5	802.1	741.4
315	1027.6	1024.7	1015.4	998.4	974.3	942.0	902.6	855.5	801.8	741.4
320	1027.6	1024.7	1015.1	998.4	974.3	942.0	902.2	855.5	802.1	741.4
325	1027.6	1024.7	1015.4	998.7	974.0	942.0	902.6	855.8	802.1	741.4
330	1027.6	1024.7	1015.1	998.7	974.3	942.0	902.6	855.8	802.4	741.4
335	1027.6	1024.4	1015.1	998.4	974.0	942.0	902.6	855.5	802.1	741.4
340	1027.6	1024.7	1015.4	998.7	974.0	942.0	902.6	855.8	802.1	741.4
345	1027.6	1024.7	1015.4	998.4	974.3	942.3	902.6	855.8	802.1	741.4
350	1027.6	1024.4	1015.4	998.4	974.0	941.6	902.6	855.8	801.4	741.7
355	1027.6	1024.7	1015.4	998.7	974.0	942.0	902.6	855.5	802.1	741.4
360	1027.6	1025.1	1015.4	998.4	974.3	942.0	902.6	855.8	801.8	741.7

C\G	50	55	60	65	70	75	80	85	90
0	675.6	603.2	526.1	445.6	363.2	283.7	211.6	149.7	112.3
5	677.3	604.8	528.1	446.9	365.2	284.7	212.6	150.7	113.6
10	678.6	606.5	529.7	449.3	366.8	286.4	213.6	151.2	114.5
15	679.3	607.5	530.4	450.0	368.2	286.7	213.0	150.2	113.6
20	679.3	607.2	530.1	449.6	367.2	285.7	210.3	147.0	110.4
25	677.9	605.8	528.7	448.0	364.8	282.7	205.6	141.6	104.9
30	675.3	603.2	525.7	444.9	361.2	278.7	200.9	134.2	97.5
35	672.6	599.5	522.1	440.3	356.5	273.0	193.9	125.1	88.2
40	668.3	595.5	517.7	435.3	350.8	267.0	186.9	115.7	77.5
45	664.9	591.1	513.0	430.3	345.5	260.7	179.9	107.4	67.0
50	663.6	590.1	511.4	428.6	343.5	258.4	176.6	103.6	61.3
55	668.3	594.8	516.4	434.6	349.8	264.7	183.9	111.2	69.6
60	674.9	601.8	524.4	442.9	358.5	274.4	193.9	122.4	81.6
65	680.9	609.2	531.7	450.6	367.5	283.7	204.3	134.1	93.3
70	685.9	614.8	538.4	458.0	374.8	291.7	213.3	144.7	103.4
75	690.6	619.2	543.4	463.3	380.5	298.4	220.3	153.2	111.6
80	693.6	622.5	547.1	466.6	384.2	302.4	226.0	159.1	117.3
85	695.0	624.5	548.4	468.6	386.5	304.8	229.0	162.5	120.3
90	694.6	623.9	548.4	468.3	386.2	305.4	230.0	163.4	120.8
95	693.6	622.9	546.8	466.6	385.2	303.8	228.6	162.1	118.9
100	692.0	621.2	545.1	465.0	382.9	301.4	226.6	160.1	116.7

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

### **Photometric Data Table [Unit:cd] 4205WH-3K**

105	692.0	621.2	545.8	465.3	383.2	302.1	227.3	160.6	118.2
110	691.6	621.2	545.8	465.6	383.2	302.1	226.6	160.3	119.1
115	690.3	619.5	544.1	464.0	381.5	300.1	224.3	157.9	118.0
120	687.3	617.2	540.4	460.6	378.5	296.7	220.3	153.2	114.3
125	683.6	612.5	536.1	456.0	373.5	290.7	213.3	146.4	108.3
130	678.6	606.8	530.1	449.0	366.2	283.4	205.6	137.4	100.0
135	672.3	599.8	522.4	441.6	357.8	274.7	195.6	126.6	89.9
140	665.6	592.8	514.7	432.9	348.5	265.0	185.6	115.4	78.7
145	659.2	586.1	507.4	424.6	340.8	255.7	175.9	105.3	68.0
150	655.6	581.8	503.4	420.2	336.1	250.7	165.6	100.4	63.1
155	657.9	584.5	506.0	423.9	340.1	255.7	171.2	107.0	71.6
160	662.2	589.1	511.4	429.9	346.5	263.4	179.7	117.7	83.2
165	666.9	594.2	516.4	435.6	353.2	270.4	188.2	128.7	94.3
170	670.9	598.5	521.7	440.9	358.2	276.7	195.8	138.2	103.6
175	673.9	601.8	525.4	444.9	362.8	281.1	202.1	145.6	110.6
180	675.9	603.8	527.4	446.9	365.5	284.4	206.6	150.5	115.2
185	676.9	604.8	528.4	448.3	366.5	286.4	209.0	152.8	117.2
190	676.6	604.5	528.1	448.0	366.2	285.7	209.3	152.9	116.6
195	675.9	603.5	527.1	446.3	364.5	284.1	207.8	151.1	114.2
200	675.3	603.2	526.1	445.6	363.5	283.4	206.5	149.5	112.2
205	675.3	603.2	526.1	445.3	363.2	283.4	206.5	149.5	112.2
210	675.6	602.8	526.1	445.6	363.5	283.4	206.5	149.5	112.2
215	675.6	602.8	526.1	445.9	363.5	283.7	206.5	149.5	112.2
220	675.6	602.5	526.4	445.6	363.5	283.7	206.5	149.5	112.2
225	675.6	603.2	526.4	445.9	363.8	283.7	206.6	149.5	112.2
230	675.3	603.5	526.1	445.6	363.5	283.4	206.5	149.6	112.3
235	675.3	603.2	526.4	445.6	363.2	283.4	206.6	149.5	112.2
240	675.9	603.5	526.4	445.6	363.5	283.4	206.6	149.5	112.2
245	675.3	603.5	526.4	445.6	363.5	283.4	206.6	149.6	112.3
250	675.6	603.5	526.4	445.6	363.5	283.4	206.6	149.6	112.2
255	674.9	602.5	526.1	445.6	363.5	283.4	206.6	149.5	112.3
260	675.3	603.5	526.4	445.6	363.5	283.4	206.6	149.6	112.3
265	675.3	603.2	526.4	445.6	363.2	283.4	206.6	149.6	112.3
270	675.3	603.2	526.1	445.6	363.5	283.1	206.6	149.6	112.3
275	675.6	603.2	526.4	445.6	363.5	283.7	206.6	149.6	112.3
280	675.6	602.8	526.4	445.6	363.2	283.4	206.5	149.5	112.3
285	675.3	603.5	526.4	445.6	363.5	283.1	206.5	149.5	112.3
290	675.3	603.2	526.4	445.6	363.2	283.7	206.5	149.6	112.3
295	675.6	603.2	526.1	445.9	363.2	283.4	206.5	149.6	112.3
300	675.3	603.2	526.4	445.6	363.5	283.7	206.5	149.6	112.3
305	675.3	603.2	526.4	445.6	363.5	283.7	206.6	149.6	112.3
310	675.6	603.2	526.4	445.9	363.5	283.4	206.5	149.6	112.3
315	675.3	603.2	526.4	445.3	363.5	283.4	206.5	149.6	112.3
320	675.3	603.5	526.4	445.9	363.5	283.4	206.5	149.6	112.3
325	674.9	602.8	526.1	445.9	363.5	283.7	206.6	149.6	112.3
330	675.3	603.2	526.1	445.6	363.5	283.1	206.5	149.6	112.3
335	675.6	603.2	526.1	445.6	363.5	283.4	206.6	149.6	112.3
340	675.6	603.5	526.1	445.6	363.2	283.4	206.5	149.5	112.3
345	675.6	602.8	526.4	445.3	363.8	283.4	206.6	149.6	112.3

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

### **Photometric Data Table [Unit:cd] 4205WH-3K**

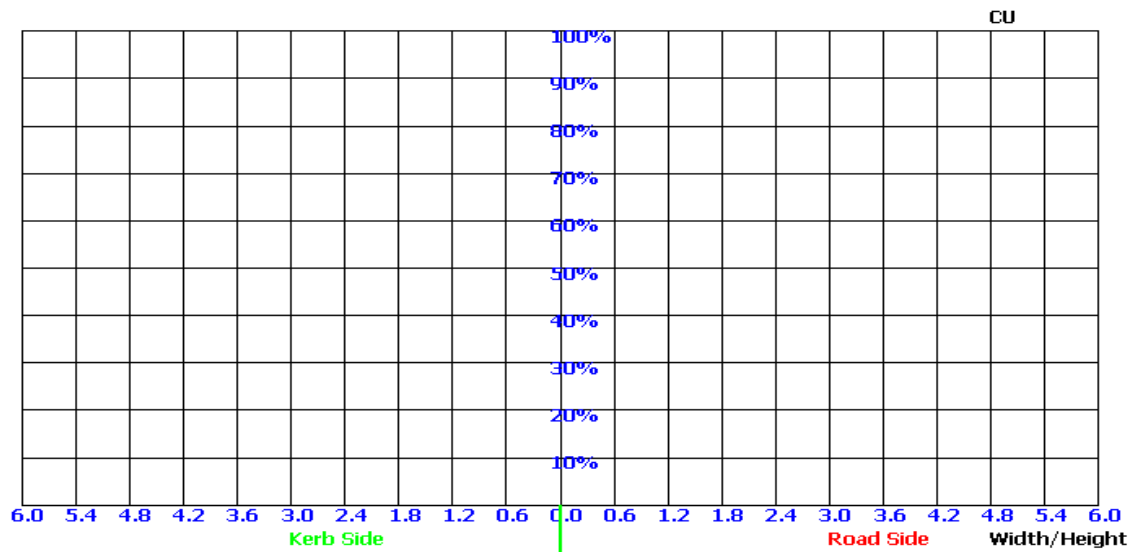
<b>350</b>	675.6	603.5	526.1	445.9	363.5	283.4	206.6	149.6	112.3
<b>355</b>	675.3	603.2	526.4	445.6	363.5	283.4	206.6	149.6	112.3
<b>360</b>	675.6	603.2	526.1	445.6	363.2	283.7	211.6	149.7	112.3

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

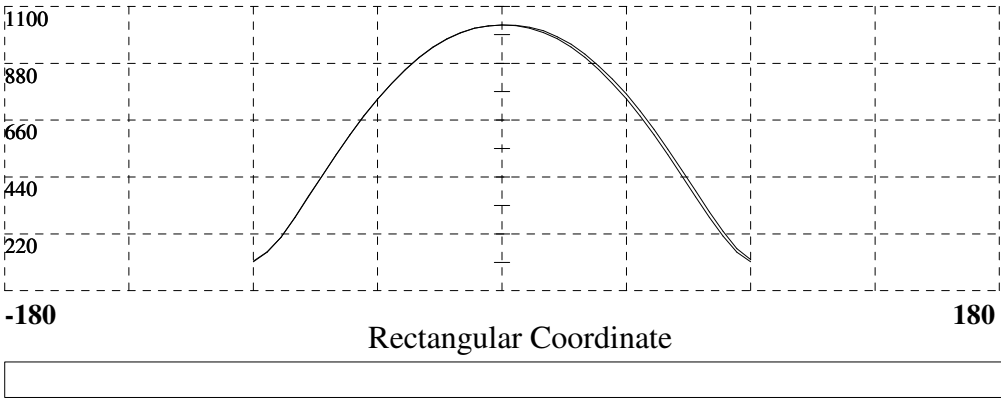
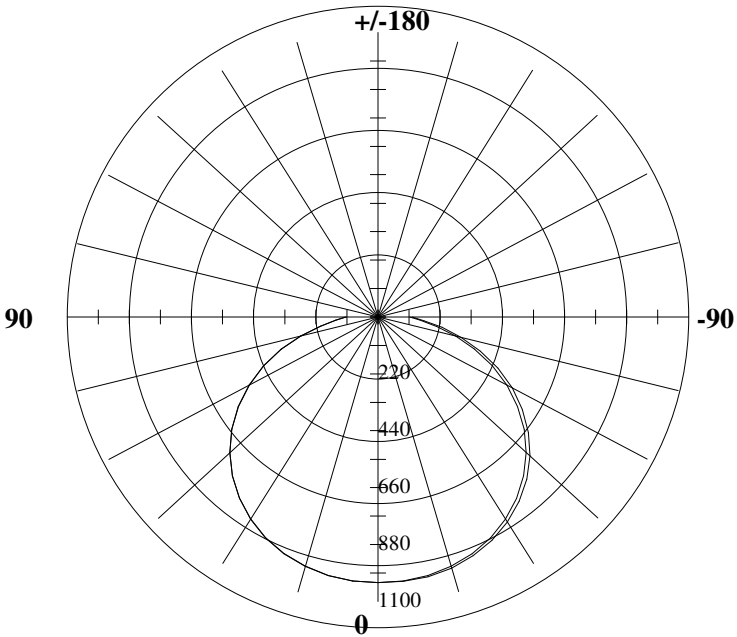
### **Zonal Flux4205WH-3K**

<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>	1027.63	0.00	0.00	0.00	0.00
<b>5</b>	1025.00	24.54	24.54	-2453.86	-2453.86
<b>10</b>	1015.88	73.01	97.55	-7300.85	-9754.70
<b>15</b>	999.09	119.53	217.07	-11952.65	-21707.35
<b>20</b>	974.78	162.67	379.75	-16267.47	-37974.82
<b>25</b>	942.81	201.12	580.87	-20111.97	-58086.77
<b>30</b>	903.41	233.64	814.51	-23364.04	-81450.82
<b>35</b>	856.61	259.17	1073.68	-25917.40	-107368.24
<b>40</b>	803.00	276.89	1350.58	-27689.32	-135057.51
<b>45</b>	742.60	286.18	1636.76	-28618.04	-163675.51
<b>50</b>	676.50	286.75	1923.51	-28674.93	-192350.45
<b>55</b>	604.36	278.50	2202.01	-27850.28	-220200.88
<b>60</b>	527.43	261.61	2463.62	-26161.11	-246362.06
<b>65</b>	446.65	236.80	2700.42	-23680.11	-270042.33
<b>70</b>	364.06	205.28	2905.70	-20527.66	-290570.14
<b>75</b>	282.75	169.06	3074.77	-16906.38	-307476.54
<b>80</b>	205.28	130.58	3205.35	-13058.09	-320534.62
<b>85</b>	143.65	94.81	3300.16	-9481.11	-330015.60
<b>90</b>	105.71	68.28	3368.43	-6827.54	-336843.07

***RP Lighting + Fans***  
***Coefficient Utilization Curve 4205WH-3K***



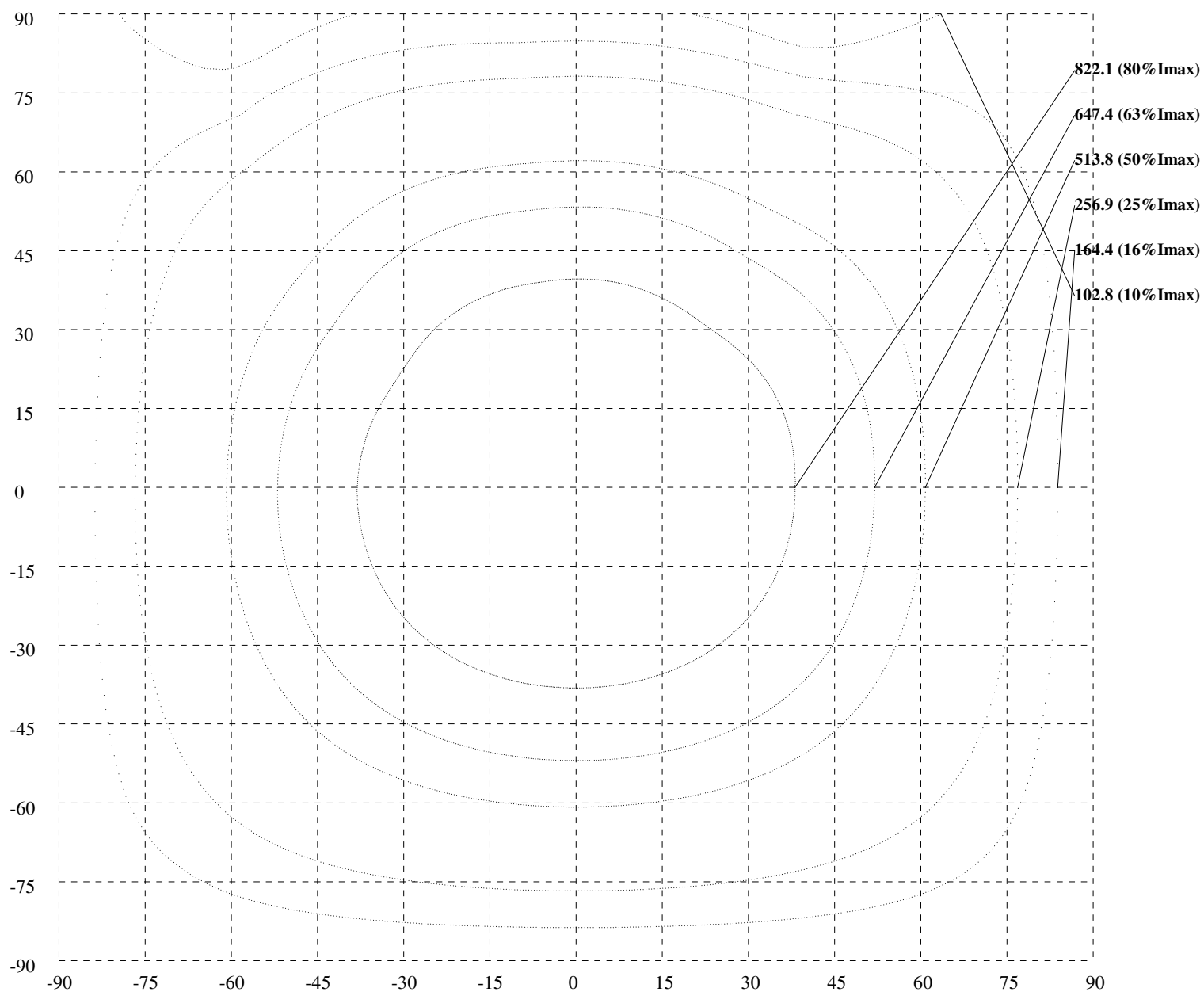
Light Distribution Curve[Unit: cd]





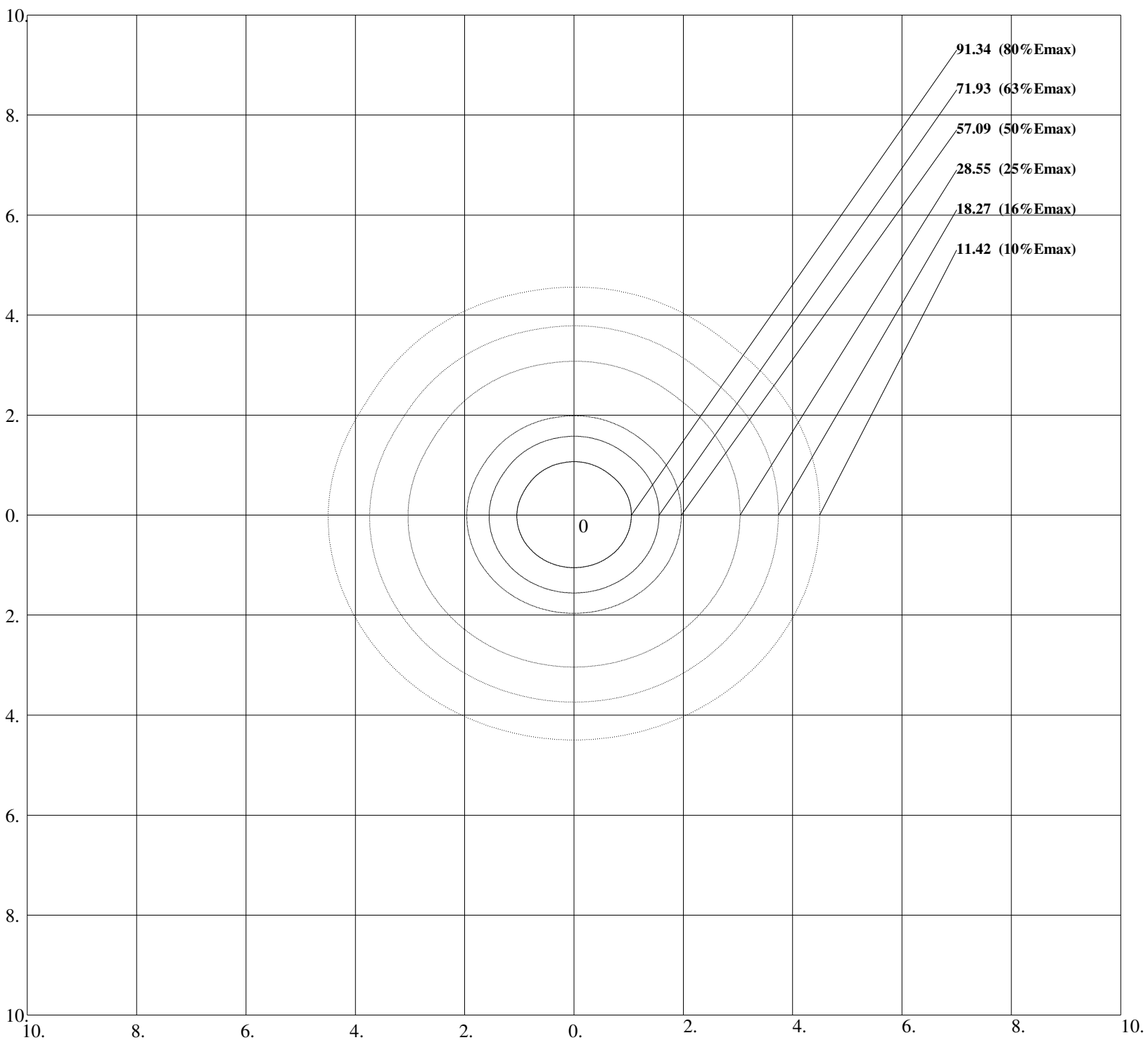
## RP Lighting + Fans

ISO-Candela V-H [Unit :cd]4205WH-3K



RP Lighting + Fans

Iso-Lux [Unit :lx]4205WH-3K



Units: lx  
Height: 3 m  
Max Illuminance : 114.18lx

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

