

Test Report of Luminaire

Report No.:

Luminaire Type	4205WH-4K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3876K, CRI: 86.0Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.361
Power:	43.1	Power Factor	0.995
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	3846.25 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1219.277cd	Central Intensity	1219.277cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.02%		
Downward Flux Ratio	-384625.2%		
50%Imax Beam Width	C0_180[59.3 , -59.2] C90_270[60.9 , -59.3]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-4K

C\G	0	5	10	15	20	25	30	35	40	45
0	1219.3	1207.0	1184.3	1156.6	1122.5	1081.5	1033.1	977.7	914.6	844.5
5	1219.3	1206.7	1184.3	1156.9	1123.5	1082.5	1034.1	979.0	916.3	846.2
10	1219.3	1207.0	1184.6	1157.6	1124.5	1083.5	1035.8	980.7	918.3	848.5
15	1219.3	1207.0	1185.0	1158.3	1124.9	1084.5	1036.8	982.0	919.6	850.2
20	1219.3	1207.0	1185.3	1158.6	1125.2	1084.8	1037.1	982.7	920.3	850.8
25	1219.3	1207.0	1185.6	1158.3	1125.2	1084.5	1036.8	982.0	919.9	850.5
30	1219.3	1207.3	1185.3	1158.3	1124.5	1083.8	1036.1	981.0	918.3	848.2
35	1219.3	1207.0	1185.0	1157.6	1123.9	1082.5	1034.4	979.0	915.9	845.8
40	1219.3	1207.0	1185.0	1157.3	1123.2	1081.5	1032.8	976.7	913.3	842.5
45	1219.3	1206.7	1185.0	1157.3	1122.5	1080.5	1031.1	974.7	910.6	839.5
50	1219.3	1207.0	1185.3	1157.6	1122.9	1080.8	1031.1	974.7	910.3	838.8
55	1219.3	1206.7	1185.6	1158.6	1123.9	1082.5	1033.4	977.7	913.6	843.2
60	1219.3	1207.0	1186.0	1159.3	1125.9	1085.5	1037.4	982.0	919.3	849.2
65	1219.3	1207.3	1186.6	1160.6	1128.2	1088.5	1041.4	987.0	924.6	855.5
70	1219.3	1207.3	1187.0	1161.9	1129.9	1090.8	1044.4	990.7	929.3	860.9
75	1219.3	1207.0	1187.6	1163.3	1131.6	1093.2	1046.8	994.0	933.0	865.2
80	1219.3	1206.7	1188.0	1163.6	1132.9	1094.5	1048.8	995.7	935.3	867.2
85	1219.3	1206.7	1188.0	1163.9	1132.9	1094.8	1049.4	996.7	935.6	868.2
90	1219.3	1207.0	1188.0	1163.6	1132.6	1094.5	1048.8	995.7	935.6	867.5
95	1219.3	1206.3	1187.3	1163.3	1131.9	1093.5	1047.4	994.4	933.6	865.5
100	1219.3	1206.0	1187.0	1162.3	1130.9	1092.5	1046.1	992.7	931.9	863.2
105	1219.3	1205.7	1186.3	1161.9	1130.2	1091.8	1045.8	992.4	930.9	862.5
110	1219.3	1205.3	1186.0	1161.3	1129.6	1090.5	1044.4	991.0	929.9	861.5
115	1219.3	1205.0	1185.3	1160.3	1128.2	1089.2	1042.8	989.0	927.9	859.5
120	1219.3	1204.7	1184.3	1158.9	1126.2	1086.8	1040.1	986.0	924.6	855.8
125	1219.3	1204.0	1183.3	1156.9	1124.5	1084.2	1036.8	982.4	919.9	851.2
130	1219.3	1203.3	1182.0	1154.9	1121.9	1080.8	1032.8	977.7	914.9	844.8
135	1219.3	1203.0	1181.0	1153.3	1118.9	1077.1	1028.4	972.3	908.9	837.8
140	1219.3	1202.3	1180.0	1151.3	1116.2	1073.5	1023.7	967.0	902.2	830.8
145	1219.3	1202.0	1179.0	1149.9	1113.9	1070.5	1020.1	961.7	896.2	824.1
150	1219.3	1201.7	1178.6	1148.9	1112.5	1068.8	1018.1	959.3	893.2	821.1
155	1219.3	1201.3	1178.3	1148.9	1112.5	1069.1	1018.7	960.3	895.2	823.1
160	1219.3	1201.3	1178.3	1149.2	1113.5	1070.5	1021.1	963.3	898.6	827.1
165	1219.3	1200.7	1178.3	1150.3	1115.2	1072.8	1023.7	967.0	902.9	831.8
170	1219.3	1201.0	1178.6	1150.9	1116.5	1074.8	1025.7	970.0	906.6	836.2
175	1219.3	1200.7	1179.0	1151.6	1117.5	1076.5	1028.1	973.0	909.6	839.8
180	1219.3	1201.0	1179.3	1152.3	1118.5	1077.8	1029.8	974.7	911.9	841.8
185	1219.3	1201.0	1179.6	1152.9	1119.5	1078.8	1030.8	976.0	912.9	843.8
190	1219.3	1200.7	1179.6	1153.3	1120.2	1079.5	1031.4	976.3	913.6	843.8
195	1219.3	1201.0	1179.6	1153.3	1119.9	1079.5	1031.4	976.3	913.6	843.8
200	1219.3	1201.0	1180.3	1153.6	1120.2	1079.8	1032.1	976.7	913.9	844.2
205	1219.3	1200.7	1180.0	1153.6	1120.2	1079.8	1031.4	976.7	913.6	843.8
210	1219.3	1200.7	1180.0	1153.3	1119.9	1079.8	1031.8	976.3	913.6	843.8
215	1219.3	1200.7	1179.6	1153.3	1120.2	1079.8	1031.8	976.7	913.6	843.8
220	1219.3	1200.3	1179.6	1152.9	1119.9	1079.8	1031.8	976.3	913.6	843.8
225	1219.3	1200.3	1179.6	1153.3	1119.9	1079.5	1031.8	976.3	913.6	843.8
230	1219.3	1200.0	1179.3	1152.9	1120.2	1079.8	1031.8	976.7	913.6	843.8
235	1219.3	1199.7	1179.3	1152.9	1120.2	1079.5	1031.8	976.7	913.6	844.2

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-4K

240	1219.3	1199.7	1179.3	1152.9	1119.9	1079.5	1031.8	976.7	913.6	843.8
245	1219.3	1199.3	1179.3	1152.9	1119.9	1079.5	1031.8	976.7	913.3	843.8
250	1219.3	1199.3	1179.0	1152.9	1119.5	1079.5	1031.8	976.3	913.6	843.8
255	1219.3	1199.3	1179.0	1152.9	1119.5	1079.5	1031.4	976.3	913.6	843.8
260	1219.3	1199.3	1178.6	1152.9	1119.9	1079.2	1031.4	976.7	913.6	843.8
265	1219.3	1199.3	1178.6	1152.6	1119.9	1079.2	1031.4	976.7	913.6	843.8
270	1219.3	1199.0	1178.6	1152.6	1119.9	1079.2	1031.8	976.3	913.6	844.2
275	1219.3	1198.7	1178.6	1152.6	1119.2	1079.2	1031.4	976.0	913.9	843.8
280	1219.3	1198.7	1178.3	1152.3	1119.2	1079.2	1031.4	976.3	913.6	843.8
285	1219.3	1198.3	1178.3	1152.6	1119.5	1079.5	1031.4	976.3	913.6	843.8
290	1219.3	1198.3	1178.3	1152.3	1119.5	1079.5	1031.4	976.3	913.6	843.5
295	1219.3	1198.3	1178.0	1151.9	1119.2	1079.2	1031.4	976.3	913.6	843.8
300	1219.3	1198.3	1178.0	1152.3	1119.5	1079.2	1031.4	976.0	913.6	843.8
305	1219.3	1198.0	1178.0	1152.3	1119.2	1079.2	1031.4	976.3	913.3	843.8
310	1219.3	1197.6	1178.0	1151.6	1119.2	1079.2	1031.4	976.3	913.6	843.8
315	1219.3	1197.6	1178.0	1152.3	1118.9	1079.2	1031.1	976.7	913.3	843.5
320	1219.3	1197.6	1178.0	1151.9	1119.2	1078.8	1031.4	976.3	913.6	843.8
325	1219.3	1197.3	1177.6	1151.6	1119.2	1079.2	1031.4	976.3	913.6	843.5
330	1219.3	1197.3	1177.3	1151.6	1118.9	1078.8	1031.1	976.0	913.6	843.8
335	1219.3	1197.0	1177.6	1151.9	1118.9	1079.2	1031.1	976.0	913.9	843.8
340	1219.3	1197.0	1177.3	1151.6	1118.9	1078.8	1031.1	976.0	913.6	843.8
345	1219.3	1197.0	1177.3	1151.6	1118.9	1078.8	1031.1	976.0	913.3	843.8
350	1219.3	1197.0	1177.3	1151.6	1118.9	1078.8	1031.1	976.0	913.6	843.8
355	1219.3	1196.6	1177.0	1151.6	1118.9	1078.8	1031.1	976.0	913.3	843.8
360	1219.3	1207.0	1184.3	1156.6	1122.5	1081.5	1033.1	977.7	914.6	844.5

C\G	50	55	60	65	70	75	80	85	90
0	767.7	684.9	597.5	505.7	411.9	320.8	239.3	175.2	127.3
5	769.7	686.9	599.5	508.0	414.6	323.4	241.7	176.9	129.4
10	772.4	690.3	602.8	511.0	417.2	326.1	243.3	178.2	131.3
15	774.1	692.0	604.8	513.0	419.2	327.5	243.7	178.2	131.3
20	774.7	692.3	605.5	513.4	419.6	327.1	241.3	175.9	128.6
25	773.7	691.6	604.2	512.4	418.2	324.8	237.7	156.2	123.5
30	772.1	689.3	601.8	509.7	415.2	320.4	232.0	156.9	115.8
35	769.1	685.9	598.2	505.7	410.6	315.1	225.6	147.4	105.9
40	765.4	682.3	593.5	500.4	404.6	308.4	218.0	137.2	94.4
45	761.7	677.9	588.8	495.3	398.9	302.4	210.6	128.3	82.7
50	760.7	676.9	587.1	493.3	396.5	299.7	207.3	124.7	76.4
55	765.7	682.3	593.1	499.7	403.6	307.4	215.3	133.6	85.9
60	772.7	689.6	601.8	509.0	413.6	317.8	227.0	146.2	99.3
65	779.7	697.3	610.2	518.0	422.9	328.5	237.7	159.1	112.1
70	785.4	704.0	617.2	525.4	431.3	336.8	247.7	170.4	123.1
75	790.1	708.6	622.2	530.7	437.3	343.1	255.4	179.1	131.5
80	792.8	711.6	625.5	534.4	440.6	347.5	260.7	184.9	137.1
85	793.8	712.6	626.5	535.7	442.3	349.1	263.4	187.6	139.6
90	792.4	711.6	625.5	534.4	441.3	348.5	263.4	187.6	139.0
95	790.8	709.3	622.9	531.7	438.6	345.5	260.7	185.2	135.9
100	788.1	706.6	620.2	529.1	435.9	342.8	257.7	182.2	132.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-4K

105	787.8	706.3	619.9	528.7	435.3	342.5	257.4	182.1	133.7
110	786.4	705.3	618.5	527.7	434.3	341.8	256.0	180.6	133.8
115	784.1	702.6	616.2	525.1	431.6	338.5	252.7	176.8	131.6
120	780.4	698.6	612.2	520.4	427.3	333.8	246.3	170.7	126.5
125	774.7	693.0	605.8	514.4	420.6	326.8	238.3	162.0	118.9
130	768.4	685.6	598.5	506.7	411.9	317.1	228.6	150.9	108.9
135	761.0	677.9	589.5	497.4	401.9	306.8	217.0	138.2	97.0
140	752.7	669.6	580.1	487.0	391.2	295.7	205.3	125.2	84.0
145	745.4	661.2	571.5	477.7	381.2	285.1	193.9	113.6	71.5
150	741.7	656.9	566.4	472.3	375.5	279.1	187.9	108.5	66.0
155	744.0	659.9	570.1	476.3	380.2	284.7	194.6	116.6	75.9
160	749.0	665.2	576.1	483.0	387.5	293.1	203.9	128.9	89.4
165	754.4	670.9	582.8	490.0	395.2	301.4	214.0	141.9	102.3
170	759.0	676.6	588.5	496.4	401.9	309.4	223.0	153.2	113.4
175	763.1	680.9	592.8	501.4	407.2	315.1	230.3	162.1	121.9
180	765.7	683.3	596.2	504.7	410.9	319.4	236.3	168.1	127.8
185	767.1	684.9	597.5	506.0	412.9	321.8	240.0	171.3	130.8
190	767.4	684.9	597.8	506.4	413.2	322.4	241.3	171.9	131.0
195	767.1	684.6	597.2	505.7	412.2	321.1	240.3	170.6	129.0
200	767.4	684.9	596.5	505.4	411.9	320.8	239.3	169.3	127.1
205	767.1	684.6	596.8	505.0	411.9	320.8	239.3	169.3	127.2
210	767.1	684.6	596.8	505.4	411.6	320.8	239.0	169.3	127.2
215	767.1	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.2
220	767.4	684.6	597.2	505.0	411.9	320.8	239.3	169.4	127.2
225	767.1	684.6	596.8	505.7	411.9	320.8	239.3	169.4	127.2
230	767.1	684.6	597.2	505.4	411.9	320.8	239.0	169.4	127.2
235	767.1	684.6	596.8	505.4	411.9	320.8	239.3	169.4	127.2
240	767.1	684.6	597.2	505.4	411.6	320.8	239.3	169.4	127.2
245	767.1	684.6	596.8	505.4	411.9	320.8	239.7	169.4	127.2
250	767.4	684.6	596.8	505.0	411.6	320.8	239.3	169.4	127.2
255	767.1	684.6	596.8	505.4	411.9	320.8	239.0	169.4	127.3
260	767.4	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.2
265	767.4	684.6	597.2	505.4	411.6	320.8	239.3	169.4	127.2
270	767.4	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.2
275	767.4	684.3	597.2	505.0	411.9	320.8	239.3	169.4	127.2
280	767.4	684.6	596.8	505.4	411.9	320.8	239.3	169.4	127.3
285	767.1	684.3	597.2	505.0	411.9	320.8	239.3	169.4	127.2
290	767.4	684.6	597.2	505.4	411.9	320.8	239.7	169.4	127.2
295	767.1	684.6	596.8	505.0	411.9	320.8	239.3	169.4	127.2
300	767.1	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.3
305	767.1	684.6	596.8	505.4	411.9	320.8	239.0	169.4	127.3
310	767.1	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.2
315	767.1	684.6	597.2	505.4	411.6	320.8	239.3	169.4	127.3
320	767.1	684.3	597.2	505.4	411.9	320.8	239.3	169.4	127.2
325	767.1	684.6	597.2	505.4	411.6	320.8	239.3	169.4	127.2
330	767.1	684.6	597.2	505.4	411.9	321.1	239.3	169.4	127.3
335	767.1	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.3
340	767.1	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.3
345	766.7	684.6	597.2	505.4	411.9	320.8	239.3	169.4	127.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-4K

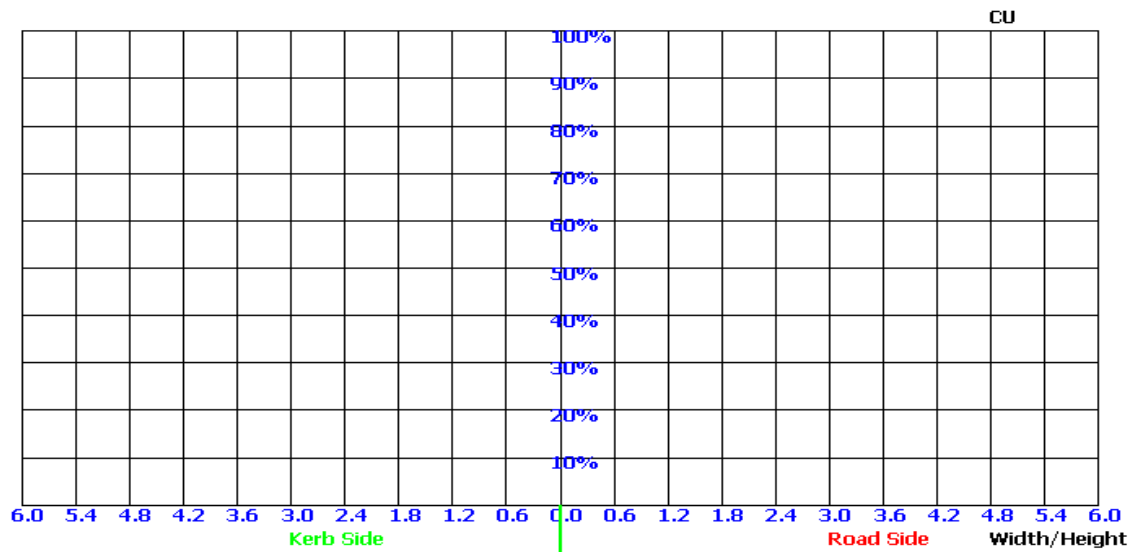
350	767.1	684.3	597.2	505.7	411.9	320.8	239.3	169.4	127.2
355	767.1	684.6	596.8	505.4	411.9	320.8	239.3	169.4	127.3
360	767.7	684.9	597.5	505.7	411.9	320.8	239.3	175.2	127.3

RP Lighting + Fans

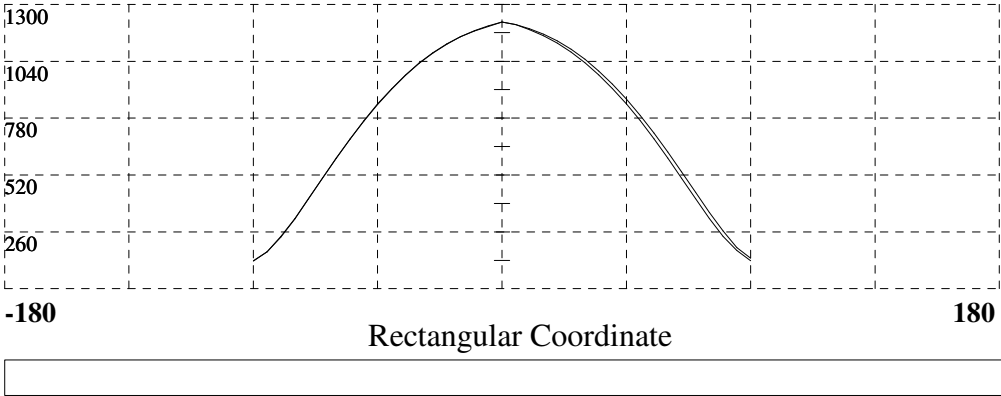
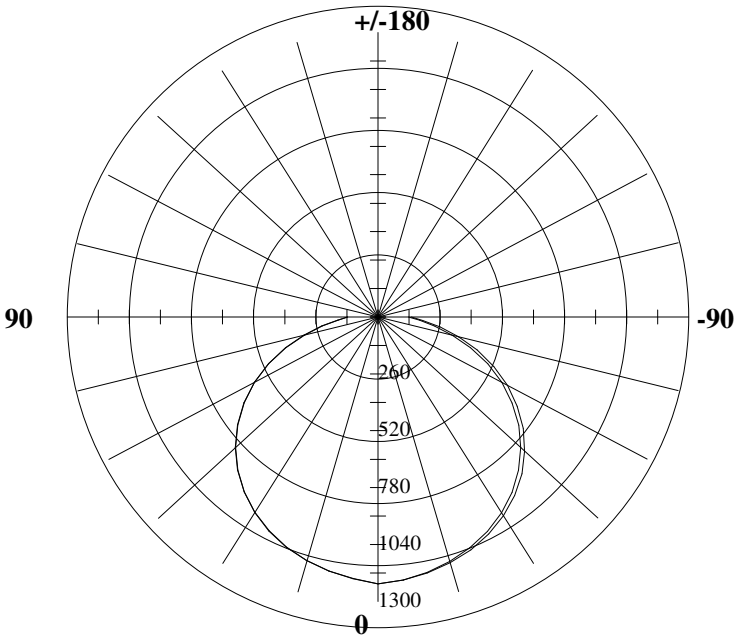
Zonal Flux4205WH-4K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1219.28	0.00	0.00	0.00	0.00
5	1202.07	28.95	28.95	-2894.66	-2894.66
10	1181.31	85.26	114.21	-8526.12	-11420.77
15	1154.91	138.58	252.79	-13858.31	-25279.10
20	1121.72	187.63	440.42	-18762.59	-44041.68
25	1081.26	231.05	671.47	-23105.17	-67146.88
30	1033.39	267.61	939.08	-26761.04	-93907.92
35	978.28	296.23	1235.31	-29623.22	-123531.13
40	915.51	315.97	1551.28	-31596.59	-155127.76
45	845.75	326.11	1877.39	-32611.29	-187738.99
50	769.17	326.32	2203.71	-32631.98	-220370.78
55	686.65	316.55	2520.25	-31654.55	-252025.05
60	599.04	297.19	2817.44	-29718.51	-281743.70
65	507.13	268.91	3086.35	-26891.36	-308635.08
70	413.12	233.01	3319.36	-23301.40	-331936.33
75	320.60	191.78	3511.15	-19178.34	-351114.70
80	236.03	148.94	3660.09	-14894.06	-366008.69
85	163.40	108.54	3768.62	-10853.54	-376862.13
90	120.11	77.63	3846.25	-7762.76	-384624.85

RP Lighting + Fans
Coefficient Utilization Curve 4205WH-4K

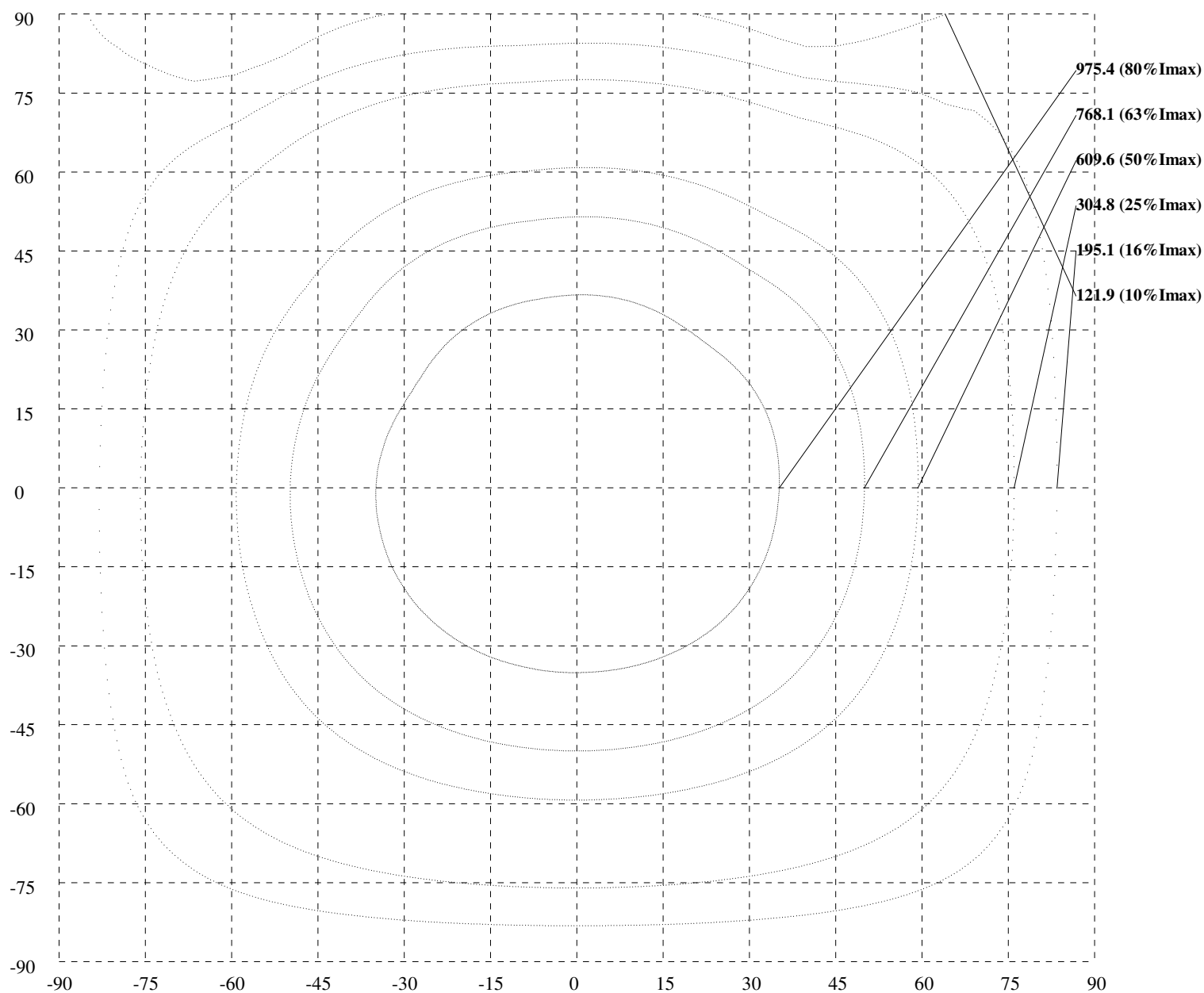


Light Distribution Curve[Unit: cd]



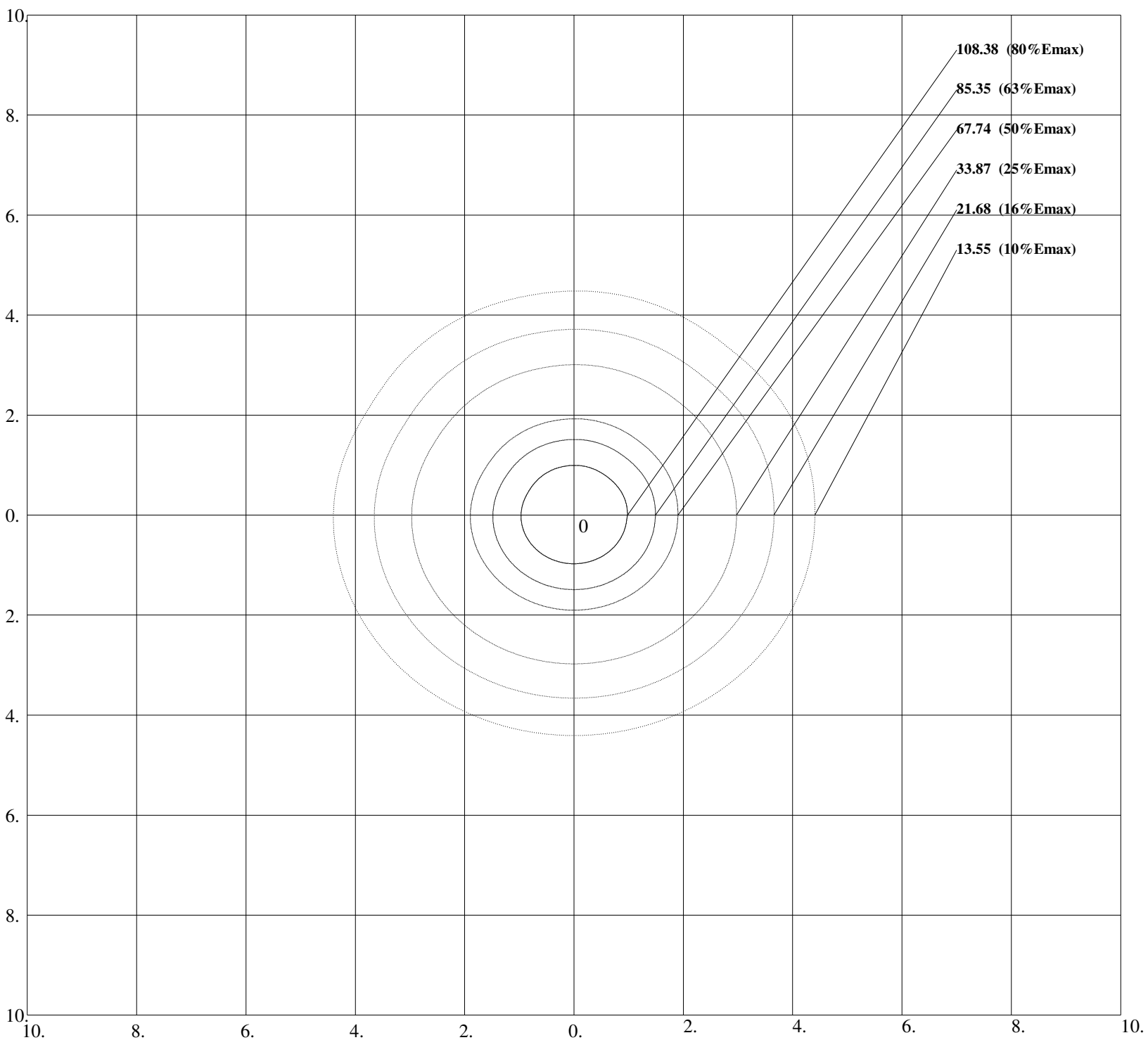
RP Lighting + Fans

ISO-Candela V-H [Unit :cd]4205WH-4K



RP Lighting + Fans

Iso-Lux [Unit :lx]4205WH-4K



Units: lx
Height: 3 m
Max Illuminance : 135.48lx

RP Lighting + Fans
Lux-Distance Curve

