

Test Report of Luminaire

Report No.:

Luminaire Type	4205WH-5K		
Lamp Type	LED		
Client		EUT NO.	CCT: 4759K, CRI: 84.4Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.344
Power:	41.1	Power Factor	0.995
Frequency:	60Hz	Tc	5000K
Photometric Parameters			
Luminaire Flux	3658.01 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1117.516cd	Central Intensity	1117.516cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-365801.1%		
50%Imax Beam Width	C0_180[60.7 , -60.5] C90_270[62.2 , -60.7]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-5K

C\G	0	5	10	15	20	25	30	35	40	45
0	1117.5	1113.5	1102.9	1084.2	1057.8	1023.4	980.0	928.9	870.5	804.8
5	1117.5	1113.9	1103.2	1084.8	1058.8	1024.4	981.7	930.9	872.5	807.1
10	1117.5	1113.9	1103.5	1086.2	1059.8	1025.7	983.7	933.0	875.2	809.8
15	1117.5	1113.9	1104.2	1086.2	1060.8	1026.7	984.7	934.6	877.2	811.8
20	1117.5	1114.2	1104.5	1086.8	1061.5	1027.1	985.7	935.6	877.9	812.8
25	1117.5	1114.5	1104.5	1087.2	1061.5	1027.1	985.7	935.3	877.5	812.8
30	1117.5	1114.5	1104.9	1087.2	1061.1	1026.7	984.7	934.3	876.5	811.5
35	1117.5	1114.5	1104.9	1086.8	1060.8	1026.1	983.4	933.0	874.5	809.1
40	1117.5	1114.9	1104.9	1086.5	1059.8	1025.1	981.7	930.9	871.9	806.1
45	1117.5	1114.9	1104.9	1086.2	1059.5	1024.1	980.7	928.9	869.5	803.4
50	1117.5	1115.2	1105.2	1086.8	1059.8	1024.7	980.7	928.9	869.2	802.8
55	1117.5	1115.2	1105.5	1087.5	1060.8	1026.1	982.7	931.6	872.5	806.4
60	1117.5	1115.9	1106.2	1088.5	1062.8	1028.4	986.4	936.0	877.9	812.1
65	1117.5	1115.9	1106.9	1089.8	1064.8	1031.1	990.0	940.3	882.5	818.1
70	1117.5	1115.9	1107.2	1090.8	1066.8	1033.8	992.7	943.6	886.9	822.8
75	1117.5	1115.9	1107.5	1092.2	1067.8	1035.4	995.0	946.3	889.9	826.1
80	1117.5	1115.9	1108.2	1092.2	1068.5	1036.1	996.0	947.6	891.6	828.1
85	1117.5	1115.9	1108.2	1092.5	1068.5	1036.4	996.4	948.0	891.6	828.5
90	1117.5	1115.5	1107.9	1091.8	1068.1	1035.8	995.7	946.6	890.9	827.1
95	1117.5	1115.5	1107.5	1091.5	1067.1	1034.4	993.7	945.0	888.6	824.5
100	1117.5	1115.2	1107.2	1090.8	1066.5	1033.1	992.4	943.3	886.2	822.1
105	1117.5	1115.2	1106.9	1090.2	1065.8	1032.1	991.4	942.3	885.2	821.1
110	1117.5	1114.9	1106.2	1089.5	1064.8	1031.1	990.4	941.0	883.9	819.5
115	1117.5	1114.5	1105.5	1088.5	1063.1	1029.8	988.4	938.6	881.5	817.1
120	1117.5	1114.2	1104.9	1087.2	1061.5	1027.4	985.7	935.6	877.9	813.1
125	1117.5	1113.9	1103.9	1085.8	1059.5	1024.7	982.4	931.6	873.2	808.1
130	1117.5	1113.5	1102.9	1083.8	1057.1	1021.7	978.3	926.6	868.2	802.1
135	1117.5	1113.2	1101.9	1082.2	1054.1	1018.4	974.0	921.6	862.2	795.4
140	1117.5	1113.2	1100.8	1080.2	1051.4	1014.7	969.3	916.3	855.8	788.4
145	1117.5	1112.9	1100.5	1079.2	1049.4	1011.7	965.7	911.6	850.5	782.4
150	1117.5	1112.5	1099.8	1078.2	1048.4	1010.1	963.7	909.3	847.8	779.4
155	1117.5	1112.5	1099.5	1078.2	1048.4	1011.1	964.7	910.6	849.5	781.1
160	1117.5	1112.2	1099.8	1078.5	1049.4	1012.4	967.0	913.6	853.2	785.1
165	1117.5	1112.2	1100.2	1079.2	1050.8	1014.7	969.7	916.9	857.2	790.1
170	1117.5	1112.2	1100.5	1080.8	1052.8	1016.7	972.3	920.6	860.9	794.4
175	1117.5	1112.2	1101.2	1081.8	1053.8	1018.7	975.0	923.3	864.5	798.1
180	1117.5	1112.5	1101.5	1082.5	1055.5	1020.1	977.0	925.6	866.9	801.4
185	1117.5	1112.5	1101.9	1083.2	1056.1	1021.4	978.3	926.9	868.9	803.1
190	1117.5	1112.9	1102.2	1083.5	1056.8	1022.1	979.0	927.9	869.5	804.1
195	1117.5	1113.2	1102.5	1084.2	1057.5	1022.4	979.3	928.3	869.9	804.4
200	1117.5	1113.2	1103.2	1084.5	1057.8	1023.1	980.0	929.3	870.2	804.4
205	1117.5	1113.5	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.2	804.8
210	1117.5	1113.5	1102.9	1084.5	1057.8	1023.1	979.7	929.3	870.2	804.8
215	1117.5	1113.2	1102.9	1084.2	1057.5	1023.4	980.0	928.9	870.5	804.8
220	1117.5	1113.2	1103.2	1084.2	1057.8	1023.4	980.0	928.9	870.2	804.8
225	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.5	804.8
230	1117.5	1113.2	1103.2	1084.5	1057.8	1023.4	980.0	929.3	870.5	804.8
235	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	929.3	870.5	804.8

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-5K

240	1117.5	1113.5	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.5	804.8
245	1117.5	1113.2	1102.5	1084.5	1057.8	1023.1	980.0	928.9	870.5	804.8
250	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.3	928.9	870.5	804.8
255	1117.5	1113.2	1103.2	1084.5	1057.8	1022.7	980.0	929.3	870.5	804.8
260	1117.5	1113.2	1102.9	1084.2	1057.8	1023.4	980.0	929.3	870.5	804.8
265	1117.5	1112.9	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.2	804.8
270	1117.5	1113.2	1102.9	1084.5	1057.8	1023.4	980.0	928.9	870.5	804.8
275	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.3	929.3	870.2	804.8
280	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.5	804.8
285	1117.5	1113.2	1102.9	1084.2	1057.5	1023.1	980.0	929.3	870.5	805.1
290	1117.5	1113.2	1102.9	1084.2	1057.8	1023.1	980.3	929.3	870.5	804.8
295	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.5	804.8
300	1117.5	1113.2	1102.5	1084.5	1057.8	1023.1	980.0	928.9	870.2	804.8
305	1117.5	1113.2	1103.2	1084.2	1057.8	1023.1	980.0	929.3	870.5	804.8
310	1117.5	1112.9	1102.9	1084.2	1057.8	1023.1	980.0	928.9	870.5	804.8
315	1117.5	1113.2	1102.9	1084.2	1057.5	1023.4	980.0	928.9	870.5	804.8
320	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	928.9	870.2	804.8
325	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	929.3	870.5	804.8
330	1117.5	1113.2	1102.5	1084.5	1057.8	1022.7	980.0	928.9	870.5	805.1
335	1117.5	1113.2	1102.9	1084.2	1057.8	1023.1	980.3	928.9	870.5	804.8
340	1117.5	1113.2	1102.9	1084.5	1057.8	1023.1	980.0	929.3	870.2	804.8
345	1117.5	1113.2	1102.5	1084.5	1057.5	1023.4	979.7	928.9	870.5	804.4
350	1117.5	1113.2	1102.5	1084.2	1057.8	1023.4	980.0	928.9	870.5	804.8
355	1117.5	1113.2	1102.9	1084.5	1057.5	1023.4	980.0	928.9	870.2	804.8
360	1117.5	1113.5	1102.9	1084.2	1057.8	1023.4	980.0	928.9	870.5	804.8

C\G	50	55	60	65	70	75	80	85	90
0	732.3	654.6	570.8	483.3	393.9	307.1	229.0	162.3	121.9
5	734.7	657.2	573.8	486.3	397.2	310.1	231.7	164.4	124.3
10	737.7	660.2	577.1	490.0	400.9	313.1	234.3	166.4	126.7
15	740.4	662.9	579.8	492.3	402.9	315.1	235.0	167.0	127.3
20	741.0	663.9	580.5	493.3	403.9	315.1	233.7	165.1	125.3
25	741.0	663.6	580.1	492.7	402.9	313.8	230.3	160.7	120.8
30	739.7	661.9	578.1	490.3	400.2	310.4	225.6	153.8	113.9
35	737.0	658.9	574.8	487.0	396.2	305.4	220.0	145.1	104.7
40	733.3	654.9	570.8	482.3	391.2	299.4	212.3	135.7	94.0
45	730.0	650.9	566.4	477.3	385.2	293.7	206.0	127.2	83.0
50	729.0	650.2	564.8	475.7	383.2	291.1	202.6	123.3	77.0
55	733.7	655.2	570.5	481.7	389.9	298.1	210.3	131.2	85.9
60	740.4	661.9	578.1	490.0	399.2	307.8	220.6	142.9	98.5
65	746.4	668.9	585.8	498.4	407.6	317.1	231.0	154.8	110.4
70	751.7	674.6	592.1	505.0	415.2	324.8	239.7	165.2	120.4
75	755.4	678.6	596.5	509.7	420.2	330.5	246.3	173.1	127.9
80	757.4	681.3	598.8	512.4	422.9	334.5	251.0	178.1	132.6
85	758.0	681.6	598.8	512.7	423.6	335.5	253.0	180.1	134.4
90	756.4	679.9	597.5	511.0	422.2	334.1	252.0	179.6	133.2
95	754.0	676.9	594.5	508.0	418.6	330.5	249.0	176.7	129.6
100	751.0	674.3	591.5	504.7	415.2	327.1	245.7	173.3	126.1

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-5K

105	750.4	673.3	590.5	503.7	414.6	326.1	245.0	172.7	126.5
110	748.4	671.6	588.8	502.4	412.9	324.4	242.7	170.9	126.1
115	746.0	668.6	585.8	499.0	409.6	321.4	239.0	166.7	123.4
120	741.7	664.6	581.1	494.0	404.6	315.4	232.7	160.4	118.1
125	736.0	658.6	575.1	487.3	397.9	308.1	224.6	151.7	110.4
130	729.7	651.2	567.4	479.7	389.2	299.4	214.3	140.8	100.4
135	722.3	643.6	558.8	470.3	379.5	289.1	203.6	128.4	88.8
140	714.7	634.9	549.8	461.0	369.2	278.4	191.9	115.8	76.2
145	707.3	627.2	541.4	451.6	359.5	267.7	181.2	104.6	64.3
150	703.6	623.2	537.1	446.9	354.5	262.4	175.2	99.3	58.9
155	706.3	626.2	540.4	450.6	358.8	267.7	181.6	106.8	68.6
160	711.3	631.9	546.4	457.3	366.5	275.7	191.3	118.8	81.7
165	716.7	637.5	553.1	464.6	374.2	284.4	200.9	131.6	94.4
170	721.3	642.9	559.1	471.0	380.9	292.4	210.0	143.0	105.4
175	725.7	647.6	564.1	476.0	386.9	298.4	218.0	152.1	114.2
180	728.7	650.6	567.1	480.0	390.9	303.1	224.0	158.6	120.3
185	730.7	652.9	569.5	482.3	393.2	306.1	227.6	162.4	123.7
190	731.7	653.6	570.5	483.0	393.9	307.4	229.6	163.6	124.5
195	732.0	654.2	570.5	482.7	393.9	307.1	229.3	163.0	123.2
200	732.3	654.2	570.5	483.0	393.5	307.1	229.0	162.1	121.7
205	732.3	654.2	570.5	483.3	393.9	307.1	229.3	162.1	121.8
210	732.3	654.2	570.5	483.0	393.9	306.8	229.3	162.1	121.7
215	732.3	654.2	570.5	483.3	393.9	307.1	229.3	162.1	121.8
220	732.7	654.6	570.5	483.3	393.9	306.8	229.0	162.1	121.8
225	732.0	654.2	570.8	483.3	393.5	307.1	229.3	162.1	121.8
230	732.3	654.2	570.8	483.0	393.9	307.1	229.0	162.2	121.8
235	732.3	654.6	570.5	483.0	393.9	307.1	229.0	162.2	121.8
240	732.3	654.6	570.5	483.3	393.9	307.1	229.0	162.2	121.8
245	732.3	654.6	570.8	483.0	393.9	307.1	229.0	162.2	121.8
250	732.3	654.2	570.5	483.0	393.9	306.8	229.3	162.2	121.8
255	732.3	654.2	570.8	483.3	393.9	306.8	229.0	162.1	121.8
260	732.3	654.2	570.8	483.0	393.9	307.1	229.3	162.2	121.8
265	732.3	654.6	570.5	483.3	393.9	307.1	229.3	162.2	121.8
270	732.3	654.2	570.8	483.3	393.5	306.8	229.3	162.2	121.8
275	732.3	654.6	570.8	483.0	393.9	307.1	229.3	162.2	121.8
280	732.3	654.2	570.8	483.0	393.9	307.4	229.0	162.2	121.8
285	732.3	654.2	570.8	483.0	393.9	306.8	229.3	162.2	121.8
290	732.3	654.2	570.8	483.3	393.9	306.8	229.0	162.2	121.8
295	732.3	654.2	570.5	483.3	393.9	306.8	229.3	162.2	121.8
300	732.3	654.2	570.5	483.3	393.9	306.8	229.0	162.2	121.8
305	732.3	654.2	570.5	483.3	394.2	306.8	229.3	162.2	121.8
310	732.3	654.2	570.8	483.3	393.9	306.8	229.0	162.2	121.8
315	732.3	654.6	570.8	483.3	393.9	306.8	229.3	162.2	121.8
320	732.3	654.2	570.8	483.0	393.9	307.1	229.0	162.2	121.8
325	732.3	654.2	570.8	483.3	393.9	307.1	229.0	162.2	121.8
330	732.3	654.2	570.8	483.3	393.9	307.1	229.3	162.2	121.8
335	732.7	654.6	570.5	483.0	393.5	306.8	229.3	162.2	121.8
340	732.0	654.2	570.8	483.3	393.9	307.1	229.0	162.2	121.8
345	732.0	654.2	570.8	483.3	394.2	307.1	229.3	162.2	121.8

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4205WH-5K

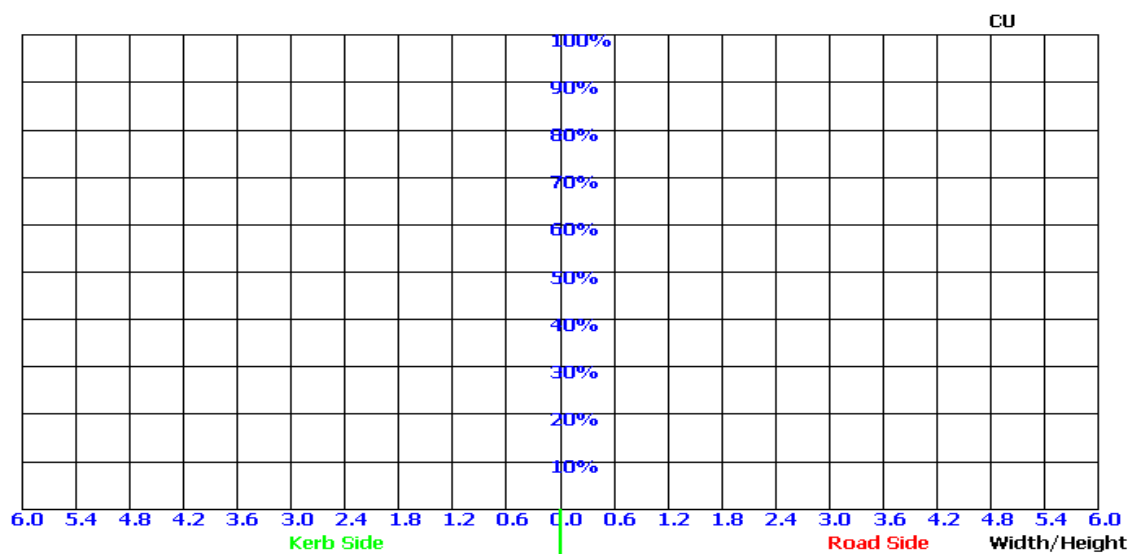
350	732.3	654.6	570.5	483.3	393.9	307.1	229.3	162.2	121.8
355	732.3	654.6	570.8	483.3	393.9	306.8	229.3	162.2	121.9
360	732.3	654.6	570.8	483.3	393.9	307.1	229.0	162.3	121.9

RP Lighting + Fans

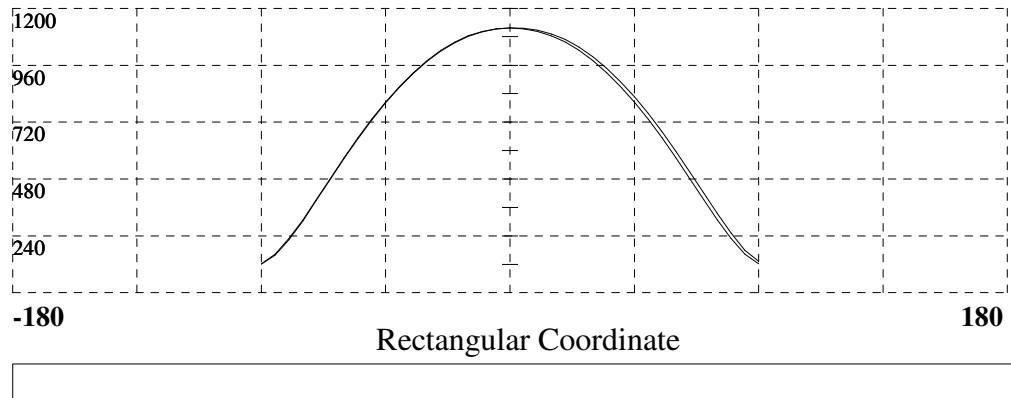
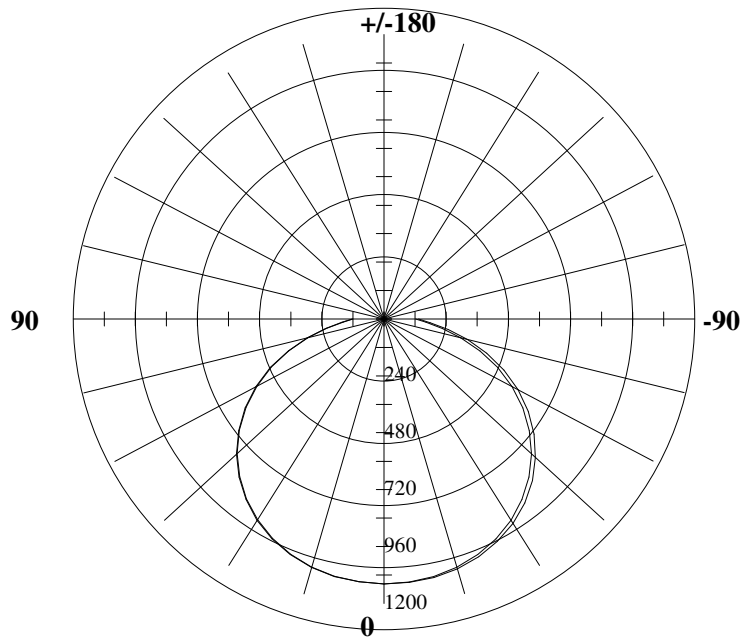
Zonal Flux4205WH-5K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1117.52	0.00	0.00	0.00	0.00
5	1113.72	26.67	26.67	-2667.38	-2667.38
10	1103.52	79.32	105.99	-7931.76	-10599.14
15	1085.18	129.83	235.82	-12983.24	-23582.39
20	1058.70	176.69	412.51	-17668.65	-41251.04
25	1024.08	218.45	630.96	-21844.57	-63095.66
30	981.20	253.77	884.73	-25376.98	-88472.69
35	930.30	281.48	1166.21	-28148.07	-116620.78
40	871.83	300.67	1466.88	-30067.02	-146687.77
45	806.24	310.71	1777.58	-31070.74	-177758.45
50	733.88	311.20	2088.79	-31120.38	-208878.91
55	655.91	302.19	2390.97	-30218.63	-239097.27
60	572.20	283.87	2674.85	-28387.24	-267484.55
65	484.59	256.91	2931.75	-25690.61	-293175.20
70	394.81	222.67	3154.42	-22266.87	-315441.97
75	306.55	183.32	3337.74	-18332.28	-333774.19
80	225.76	142.43	3480.18	-14243.18	-348017.46
85	155.92	103.71	3583.89	-10371.18	-358388.67
90	114.79	74.12	3658.01	-7412.26	-365800.90

RP Lighting + Fans
Coefficient Utilization Curve 4205WH-5K

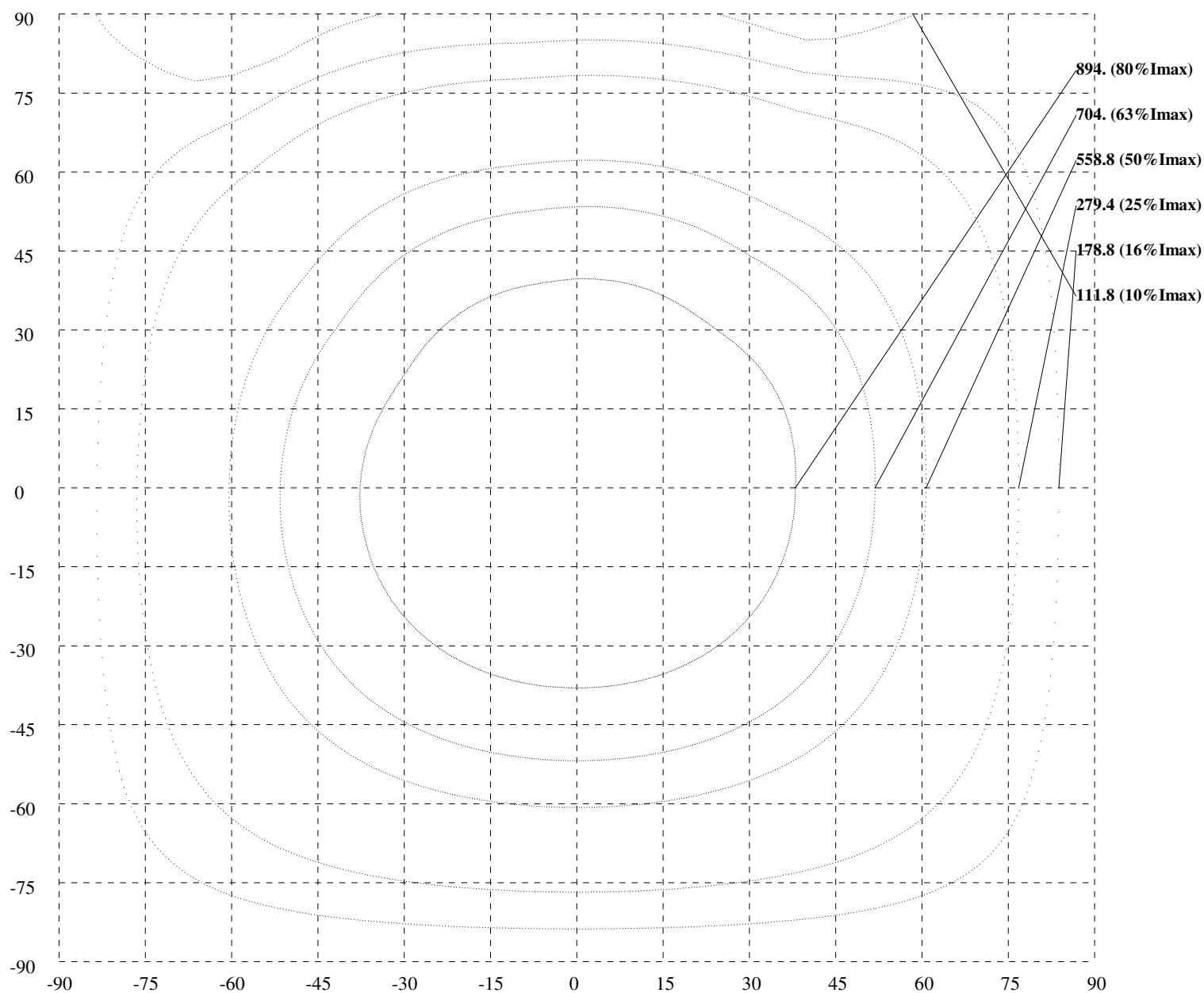


Light Distribution Curve[Unit: cd]



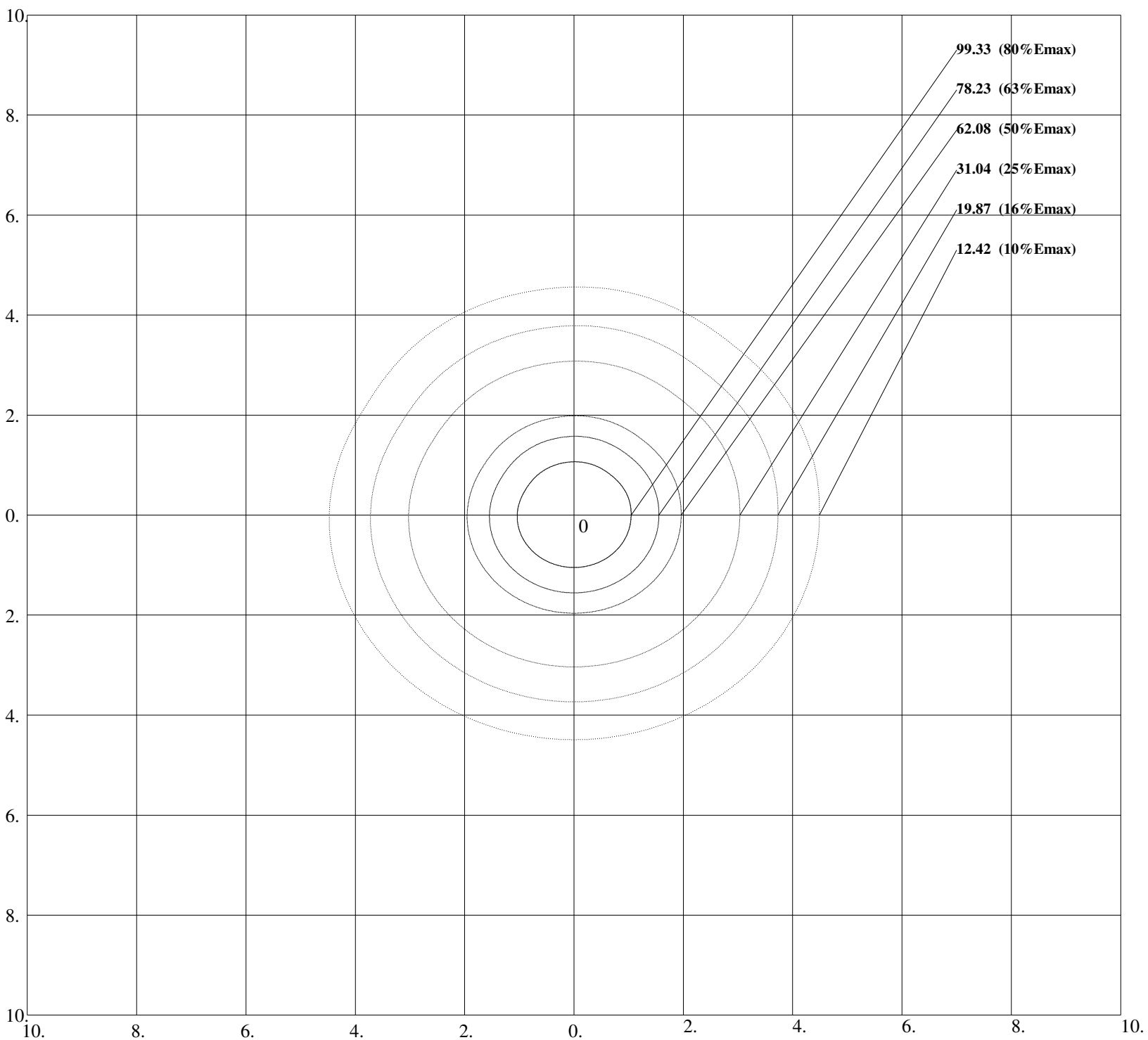
RP Lighting + Fans

ISO-Candela V-H [Unit :cd]4205WH-5K



RP Lighting + Fans

Iso-Lux [Unit :lx]4205WH-5K



Units: lx
Height: 3 m
Max Illuminance : 124.17lx

ISLT Co.,Ltd.
Lux-Distance Curve

