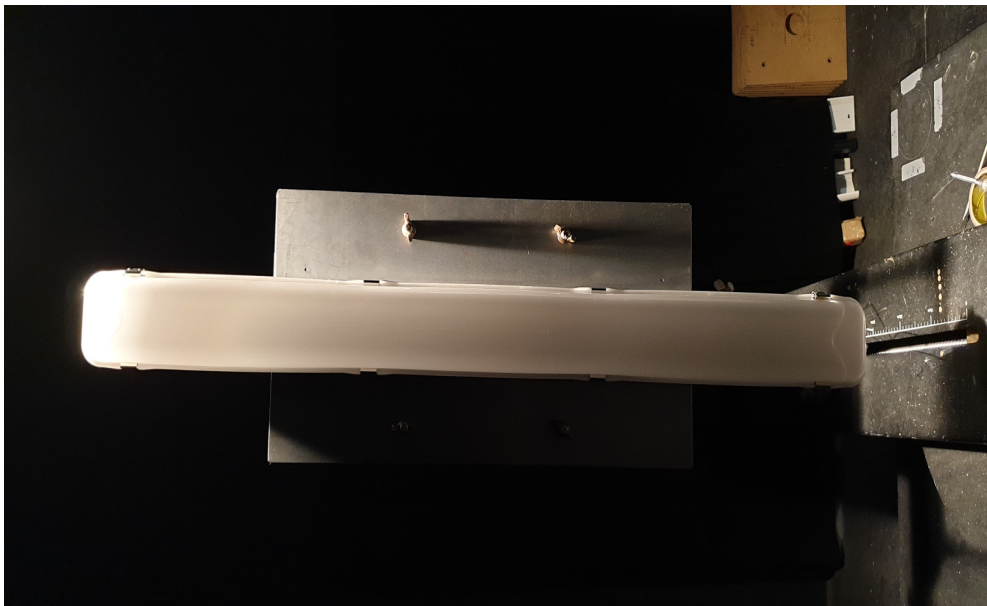


Test Report of Luminaire

Report No.:

Luminaire Type	4117-1-WH-35-4K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3904K, CRI: 82.6Ra
Luminaire Parameters:			
Voltage	120.1	Current	0.313
Power:	37.3	Power Factor	0.993
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	3908.94 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1134.804cd	Central Intensity	1134.804cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-390893.6%		
50%Imax Beam Width	C0_180[65.9 ,-62.5] C90_270[64.8 ,-65.9]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-WH-35-4K

C\G	0	5	10	15	20	25	30	35	40	45
0	1134.8	1129.2	1115.9	1095.2	1066.8	1032.1	994.0	949.0	899.6	845.5
5	1134.8	1129.2	1115.2	1095.2	1067.1	1032.8	993.0	949.0	899.2	844.8
10	1134.8	1129.6	1116.2	1095.2	1066.8	1032.1	992.0	946.3	895.9	841.2
15	1134.8	1130.6	1116.9	1094.2	1065.8	1029.4	988.0	941.0	889.6	832.8
20	1134.8	1129.6	1115.5	1093.8	1064.1	1027.1	983.4	934.0	880.5	821.1
25	1134.8	1129.2	1114.2	1091.5	1061.1	1022.7	977.0	925.3	868.9	806.8
30	1134.8	1129.2	1114.2	1090.5	1057.8	1018.1	971.3	915.9	855.8	791.1
35	1134.8	1129.2	1113.2	1088.2	1054.5	1013.4	964.3	907.6	845.5	777.1
40	1134.8	1128.6	1112.5	1086.5	1052.1	1009.4	958.3	900.2	834.8	764.7
45	1134.8	1129.2	1111.5	1085.8	1049.4	1006.1	954.3	893.9	827.5	755.0
50	1134.8	1129.2	1110.5	1084.5	1048.4	1004.0	951.3	890.9	824.1	750.0
55	1134.8	1128.9	1111.2	1085.2	1048.8	1004.7	951.6	892.9	825.5	752.0
60	1134.8	1128.6	1112.2	1085.2	1050.4	1006.7	954.6	895.9	830.8	758.7
65	1134.8	1129.2	1112.5	1085.8	1051.8	1010.1	959.3	902.6	839.5	769.4
70	1134.8	1126.9	1111.9	1087.8	1054.5	1014.4	965.7	910.3	849.2	783.1
75	1134.8	1122.5	1109.2	1087.8	1057.1	1018.4	970.7	918.6	860.5	798.1
80	1134.8	1125.9	1111.9	1090.2	1060.1	1022.7	977.3	927.3	872.2	812.5
85	1134.8	1128.9	1114.5	1092.2	1062.8	1025.7	983.0	935.3	882.2	825.1
90	1134.8	1129.2	1114.2	1092.5	1063.8	1028.1	987.7	941.6	890.9	834.1
95	1134.8	1129.2	1114.2	1093.2	1064.5	1030.4	990.0	945.0	895.2	840.5
100	1134.8	1128.2	1114.5	1092.5	1064.8	1030.4	990.4	946.3	896.9	841.8
105	1134.8	1127.9	1114.2	1092.5	1063.8	1028.7	988.7	943.6	893.9	839.2
110	1134.8	1127.2	1112.2	1090.8	1062.1	1026.1	985.7	939.0	887.6	832.1
115	1134.8	1127.6	1112.2	1089.5	1058.8	1022.1	979.7	931.9	878.9	820.8
120	1134.8	1126.6	1110.9	1087.5	1055.8	1018.1	972.7	921.9	867.5	807.8
125	1134.8	1126.6	1109.5	1084.5	1051.8	1011.7	965.0	911.9	854.2	791.8
130	1134.8	1125.9	1108.9	1082.2	1047.8	1006.7	957.7	901.6	840.5	774.7
135	1134.8	1125.5	1106.9	1080.2	1044.4	1001.7	950.3	892.6	827.8	759.7
140	1134.8	1125.9	1106.5	1078.5	1042.1	996.4	944.6	884.6	819.1	747.0
145	1134.8	1125.2	1106.2	1077.5	1040.1	994.4	941.0	879.9	811.5	737.7
150	1134.8	1124.9	1105.9	1076.5	1039.4	993.7	939.6	877.2	809.4	734.7
155	1134.8	1125.5	1106.2	1077.8	1039.8	994.4	940.0	879.5	811.8	738.0
160	1134.8	1125.5	1107.5	1078.5	1042.1	997.0	944.0	885.2	818.8	747.4
165	1134.8	1125.9	1107.9	1080.8	1045.1	1002.4	951.3	892.6	829.5	759.0
170	1134.8	1122.5	1107.2	1083.2	1049.1	1007.1	958.3	902.2	841.2	774.7
175	1134.8	1122.2	1106.9	1084.2	1052.8	1013.1	965.7	913.3	854.8	792.4
180	1134.8	1125.2	1110.2	1087.5	1057.8	1018.7	974.0	923.9	868.5	809.1
185	1134.8	1128.2	1112.5	1089.8	1060.5	1023.7	981.0	933.0	880.2	823.1
190	1134.8	1127.9	1113.5	1092.2	1064.1	1027.4	986.7	941.6	889.9	834.1
195	1134.8	1128.2	1114.5	1094.2	1065.8	1030.4	991.4	946.3	896.9	842.5
200	1134.8	1128.9	1114.5	1094.8	1066.8	1031.8	993.7	949.6	899.2	845.5
205	1134.8	1128.6	1115.2	1094.5	1066.5	1032.4	993.0	949.0	899.9	845.2
210	1134.8	1128.9	1115.5	1094.2	1066.5	1032.4	993.4	949.0	900.2	845.8
215	1134.8	1128.9	1115.2	1094.2	1066.5	1031.8	993.4	949.6	899.6	845.5
220	1134.8	1128.2	1114.5	1094.2	1066.8	1031.8	993.4	949.0	899.9	845.8
225	1134.8	1127.9	1114.9	1094.8	1066.5	1032.4	993.4	949.6	899.6	845.5
230	1134.8	1127.9	1114.5	1093.8	1066.8	1032.1	993.4	949.3	899.6	845.8
235	1134.8	1127.9	1114.5	1093.5	1066.5	1033.1	993.7	949.0	899.2	845.5

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-WH-35-4K

240	1134.8	1127.2	1114.9	1094.2	1066.8	1032.4	993.4	949.0	899.9	845.8
245	1134.8	1128.6	1114.9	1093.8	1066.5	1032.1	993.0	948.6	899.9	845.5
250	1134.8	1127.9	1114.2	1094.5	1066.5	1032.4	994.0	949.0	899.6	845.5
255	1134.8	1128.2	1114.5	1093.8	1067.1	1032.1	993.4	949.0	899.6	845.5
260	1134.8	1127.9	1114.2	1094.2	1066.1	1032.4	993.4	949.0	899.6	845.5
265	1134.8	1127.9	1114.5	1094.2	1066.5	1032.1	993.0	948.6	899.2	844.8
270	1134.8	1127.9	1114.5	1093.8	1066.1	1031.8	992.7	948.6	899.2	845.2
275	1134.8	1127.6	1113.9	1094.2	1066.1	1031.4	993.4	949.0	899.2	845.5
280	1134.8	1127.6	1114.2	1093.5	1066.1	1032.1	993.0	949.0	899.6	845.8
285	1134.8	1127.9	1114.2	1093.2	1066.5	1031.4	993.4	949.0	899.6	844.8
290	1134.8	1127.6	1114.2	1093.5	1065.8	1031.8	992.7	949.0	899.6	845.8
295	1134.8	1127.6	1114.2	1093.2	1065.5	1031.8	993.0	948.6	899.6	845.5
300	1134.8	1128.2	1113.9	1093.2	1065.8	1032.1	992.7	948.3	898.9	845.2
305	1134.8	1127.6	1114.5	1093.5	1065.8	1031.8	993.7	948.6	899.6	845.2
310	1134.8	1127.6	1114.2	1094.2	1066.5	1031.8	993.4	949.3	899.9	845.5
315	1134.8	1127.2	1114.2	1093.8	1065.8	1031.8	993.0	948.6	899.6	844.8
320	1134.8	1127.6	1114.2	1093.5	1065.8	1031.4	992.7	948.6	899.9	845.5
325	1134.8	1127.6	1114.2	1092.8	1065.5	1032.4	992.7	949.0	899.2	845.2
330	1134.8	1126.9	1114.2	1093.8	1066.1	1031.8	993.0	949.3	899.2	844.8
335	1134.8	1127.9	1114.2	1093.5	1065.8	1031.8	992.7	948.3	899.9	845.2
340	1134.8	1126.9	1113.5	1093.8	1066.1	1032.1	993.4	948.3	899.2	845.2
345	1134.8	1126.9	1114.2	1093.2	1066.1	1031.4	992.7	949.0	899.2	845.2
350	1134.8	1126.6	1113.9	1093.5	1066.1	1031.8	993.0	948.0	899.2	844.8
355	1134.8	1126.6	1113.5	1093.2	1065.8	1032.1	993.0	948.6	899.6	845.2
360	1134.8	1129.2	1115.9	1095.2	1066.8	1032.1	994.0	949.0	899.6	845.5

C\G	50	55	60	65	70	75	80	85	90
0	786.4	722.7	654.2	581.5	506.4	431.9	359.5	291.7	247.7
5	785.7	722.3	654.2	580.8	505.7	430.9	358.8	290.4	245.7
10	781.1	716.7	648.6	573.8	499.4	424.3	351.2	282.8	237.5
15	771.4	706.0	637.2	562.4	486.7	410.2	337.1	268.2	222.3
20	757.7	691.3	620.5	545.4	467.6	390.5	316.8	246.8	200.9
25	741.4	672.3	599.2	522.4	443.9	364.8	290.4	219.6	173.7
30	722.7	650.9	574.8	495.3	415.6	335.1	258.7	187.5	141.9
35	704.3	628.2	549.1	466.3	384.2	301.7	223.3	150.9	106.1
40	688.9	608.2	524.4	437.9	350.8	265.4	184.9	111.7	68.4
45	676.9	593.5	506.4	415.2	322.8	232.0	142.7	72.7	32.8
50	671.3	586.1	496.7	403.9	309.1	213.6	119.7	46.2	11.0
55	673.3	589.8	501.4	409.9	316.8	223.6	133.7	63.2	25.3
60	682.3	600.8	515.7	428.9	340.5	253.3	167.6	99.0	58.2
65	695.6	618.5	537.4	455.3	370.8	287.4	204.4	136.8	95.0
70	712.6	639.2	561.8	483.0	401.6	319.8	238.9	172.6	130.6
75	731.0	660.2	585.8	509.7	429.6	349.1	270.2	204.8	163.2
80	747.7	680.3	607.8	532.7	454.0	374.8	297.2	232.5	191.1
85	762.4	696.3	626.2	551.1	473.3	395.9	319.3	255.2	214.1
90	773.4	708.3	639.2	564.8	488.0	411.6	335.5	271.9	231.1
95	780.7	715.7	646.9	572.8	496.4	420.9	345.2	282.1	241.5
100	782.4	718.0	649.2	575.1	499.0	423.9	348.4	285.6	245.4

RP Lighting + Fans

Photometric Data Table [Unit:cd] 4117-1-WH-35-4K

105	779.1	715.3	646.2	571.8	496.0	420.2	345.2	282.4	242.2
110	771.4	706.6	637.9	562.8	486.3	410.6	335.3	272.3	232.6
115	759.7	693.0	622.9	548.1	470.6	394.5	318.5	255.6	216.4
120	743.4	675.9	604.2	528.1	450.3	372.8	296.0	233.1	194.3
125	725.3	655.2	581.1	504.0	424.9	345.8	268.2	204.9	166.6
130	705.0	631.9	554.8	475.7	395.5	315.4	235.9	172.2	134.4
135	685.6	608.8	528.4	445.6	362.5	281.1	199.8	135.6	98.9
140	670.3	588.5	504.4	416.9	330.1	244.7	161.5	96.8	62.1
145	658.9	574.5	486.3	394.5	302.1	212.0	124.6	59.4	28.8
150	654.2	569.1	479.0	385.2	290.7	195.9	104.4	36.5	12.4
155	658.9	574.5	486.0	394.9	302.1	210.6	123.4	57.9	27.3
160	669.9	588.1	503.4	417.2	329.5	243.7	160.3	95.6	60.3
165	685.3	608.5	527.7	445.9	362.5	280.1	199.1	134.7	97.2
170	705.0	631.5	554.8	476.3	395.5	314.8	235.7	171.7	132.9
175	725.3	654.6	581.1	505.0	425.6	346.5	269.1	205.2	165.5
180	744.7	676.9	604.8	530.1	452.3	374.8	298.2	234.4	193.6
185	761.0	694.6	625.2	551.1	474.7	398.2	321.9	258.2	216.5
190	774.4	709.6	640.2	566.8	491.3	415.9	340.0	276.0	233.4
195	783.1	719.0	650.2	576.8	502.4	427.6	351.8	287.4	243.9
200	786.1	723.0	654.6	581.1	507.0	431.9	356.3	291.7	247.7
205	786.4	723.3	654.6	581.5	507.0	431.9	356.4	291.8	247.7
210	786.4	723.3	654.6	581.5	507.0	432.3	356.5	291.8	247.6
215	787.1	723.3	654.6	581.5	507.0	431.9	356.5	291.8	247.6
220	786.4	723.0	654.6	581.5	507.0	431.9	356.4	291.8	247.6
225	786.7	722.7	654.6	581.5	507.0	431.9	356.5	292.0	247.7
230	786.4	722.7	655.2	581.8	506.7	431.9	356.4	291.7	247.6
235	786.4	723.3	654.6	581.5	507.0	431.9	356.5	291.7	247.8
240	786.4	723.0	654.6	581.5	506.7	432.3	356.6	291.7	247.7
245	786.4	723.0	654.6	581.5	506.7	431.9	356.5	291.6	247.5
250	786.4	723.0	654.9	581.5	506.7	431.9	356.4	291.8	247.6
255	786.1	723.7	654.9	581.5	507.0	431.9	356.5	291.8	247.6
260	786.4	723.0	654.6	581.1	506.7	431.9	356.5	291.6	247.7
265	786.7	722.7	654.2	580.8	507.0	431.9	356.3	291.7	247.7
270	786.4	722.7	654.6	581.1	506.7	431.9	356.3	291.8	247.6
275	786.1	723.3	654.9	581.1	506.7	432.3	356.5	291.8	247.5
280	786.4	723.0	654.6	581.8	506.7	431.9	356.5	291.8	247.7
285	786.4	723.0	654.6	581.1	506.7	431.9	356.5	291.8	247.6
290	785.7	723.0	654.6	581.1	506.7	431.9	356.3	291.7	247.5
295	786.7	723.3	654.2	581.5	507.0	431.9	356.4	291.8	247.7
300	786.1	722.7	654.6	581.1	507.0	431.9	356.2	291.7	247.7
305	786.1	723.3	654.6	580.8	506.7	432.3	356.4	291.8	247.6
310	786.4	723.0	654.6	581.5	506.7	431.9	356.5	291.8	247.6
315	786.1	722.7	654.6	581.5	507.0	431.9	356.3	291.8	247.6
320	786.1	722.7	654.6	581.5	506.7	431.6	356.5	291.7	247.6
325	786.1	722.7	654.6	581.1	506.7	431.6	356.4	291.7	247.6
330	786.1	722.7	654.9	581.1	506.7	431.9	356.2	291.6	247.4
335	786.1	723.0	654.6	581.5	507.0	431.9	356.5	291.6	247.6
340	786.1	723.0	654.6	581.1	506.7	431.9	356.4	291.6	247.7
345	786.4	722.7	654.9	581.1	507.0	431.9	356.3	291.5	247.6

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 4117-1-WH-35-4K

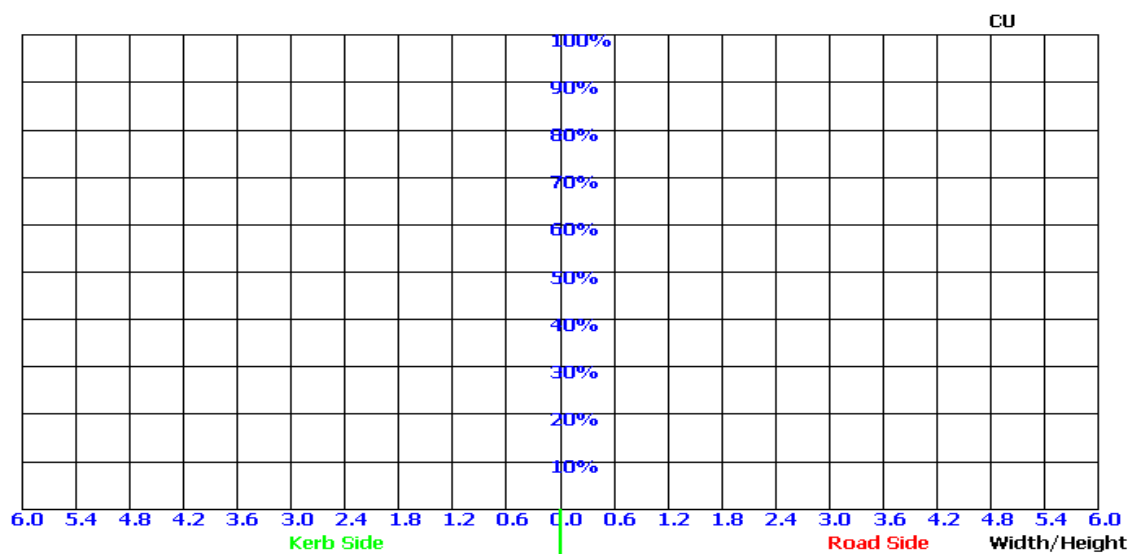
350	786.7	723.3	654.2	581.1	507.0	431.9	356.3	291.8	247.5
355	786.1	722.3	654.6	581.1	507.0	432.3	356.4	291.7	247.4
360	786.4	722.7	654.2	581.5	506.4	431.9	359.5	291.7	247.7

RP Lighting + Fans

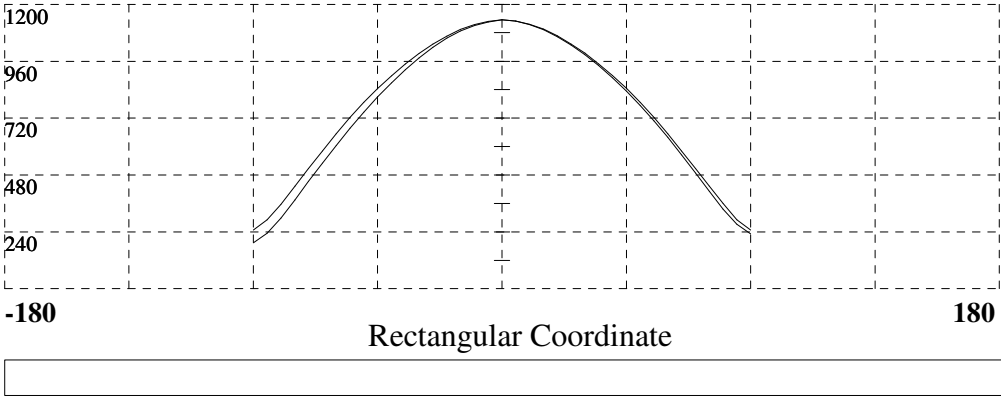
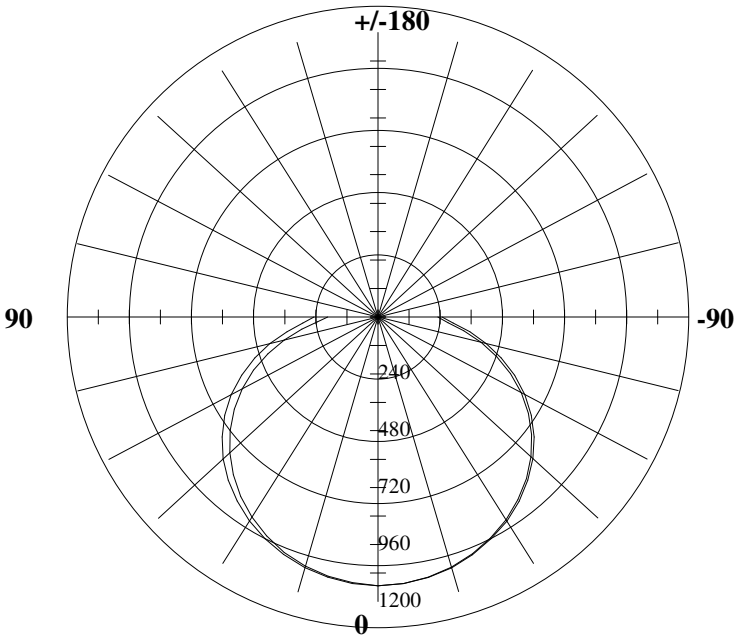
Zonal Flux 4117-1-WH-35-4K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1134.80	0.00	0.00	0.00	0.00
5	1127.54	27.05	27.05	-2704.57	-2704.57
10	1112.81	80.14	107.19	-8014.42	-10718.99
15	1090.32	130.69	237.88	-13068.77	-23787.74
20	1060.21	177.23	415.11	-17723.40	-41511.13
25	1023.00	218.49	633.60	-21849.09	-63360.24
30	979.95	253.48	887.08	-25347.53	-88707.78
35	931.04	281.41	1168.49	-28140.70	-116848.47
40	876.83	301.63	1470.11	-30162.93	-147011.44
45	817.54	313.73	1783.84	-31372.63	-178384.16
50	753.51	317.45	2101.29	-31745.31	-210129.44
55	685.23	312.83	2414.13	-31282.92	-241412.48
60	612.54	299.98	2714.10	-29997.54	-271410.13
65	535.65	279.13	2993.23	-27912.77	-299322.80
70	457.31	251.43	3244.66	-25142.62	-324465.55
75	379.01	218.60	3463.26	-21860.25	-346325.85
80	301.35	182.05	3645.31	-18204.62	-364530.57
85	235.80	145.96	3791.26	-14595.62	-379126.20
90	193.98	117.68	3908.94	-11767.79	-390893.90

RP Lighting + Fans
Coefficient Utilization Curve 4117-1-WH-35-4K

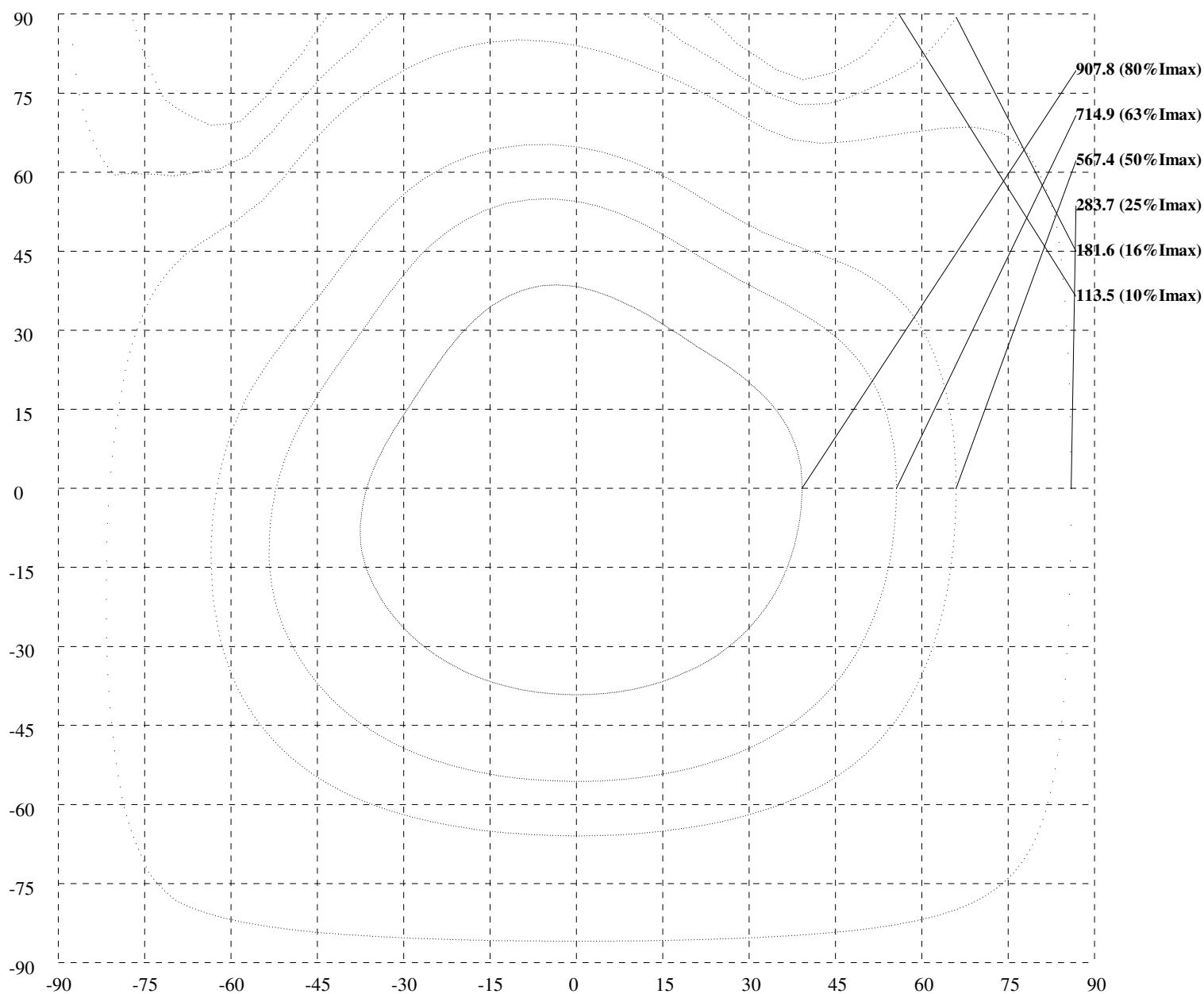


Light Distribution Curve[Unit: cd]



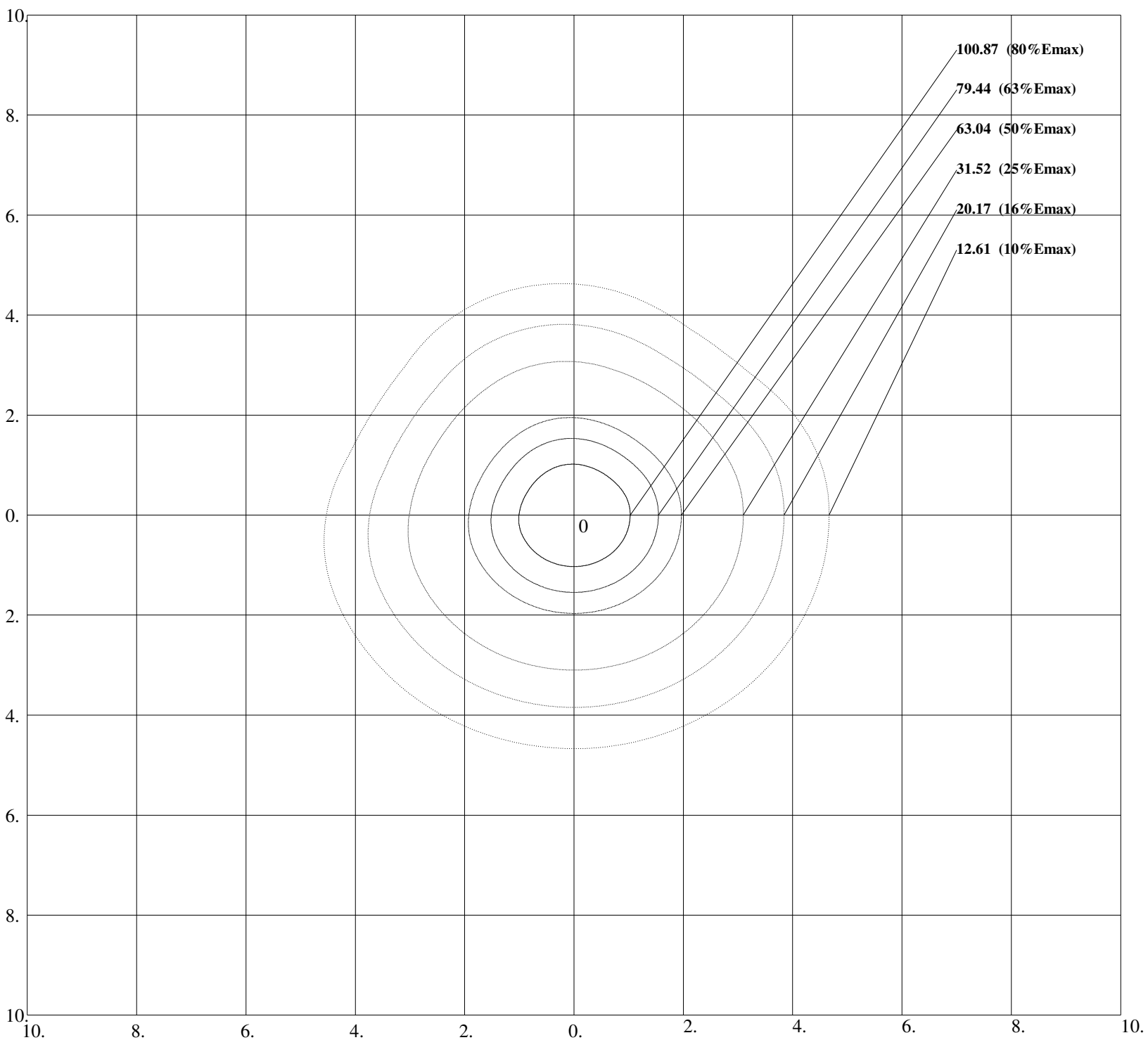
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 4117-1-WH-35-4K



RP Lighting + Fans

Iso-Lux [Unit :lx] 4117-1-WH-35-4K



Units: lx
Height: 3 m
Max Illuminance : 126.09lx

RP Lighting + Fans

Lux-Distance Curve

