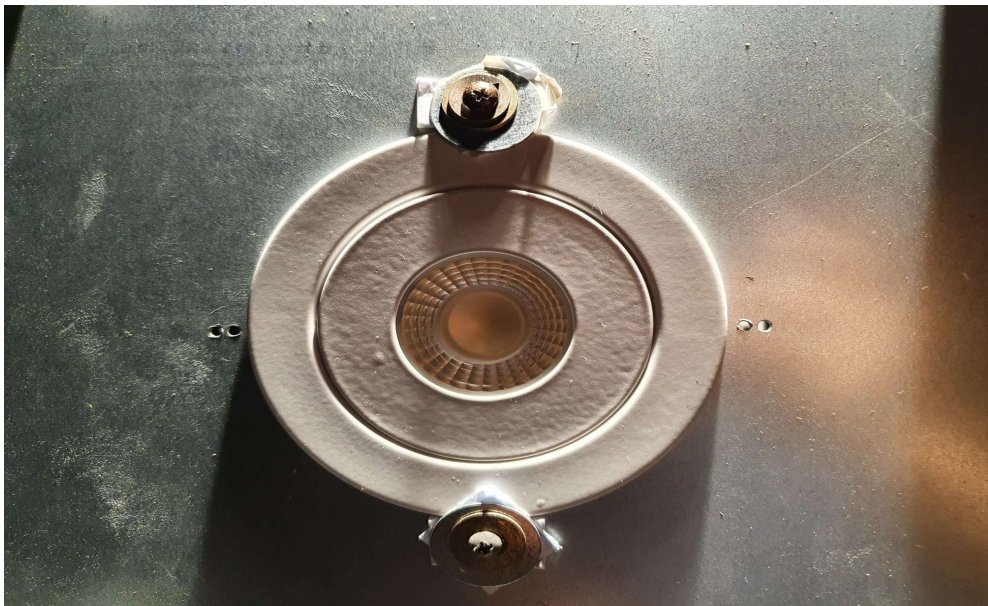


Test Report of Luminaire

Report No.:

Luminaire Type	8776WH-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2978K, CRI: 91.9Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.102
Power:	11.5	Power Factor	0.939
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	730.92 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1045.106cd	Central Intensity	1028.082cd
Angle of Max Intensity:	C:205 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-73092.09%		
50%Imax Beam Width	C0_180[18.3 ,-23.8] C90_270[20.1 ,-22.2]		
Remark			

Luminaire Figure


RP Lighting + Fans

Photometric Data Table [Unit:cd] 8776WH-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	1028.1	953.6	821.1	637.2	461.6	308.1	197.3	123.3	79.8	55.3
5	1028.1	952.6	817.5	633.5	461.0	306.4	193.9	120.4	78.2	54.5
10	1028.1	951.6	814.5	632.2	460.3	302.8	190.6	118.0	76.8	53.7
15	1028.1	951.6	811.8	630.5	457.3	299.4	189.3	117.0	76.2	53.0
20	1028.1	953.0	812.5	629.5	453.0	296.7	189.9	117.2	75.5	52.6
25	1028.1	954.3	813.5	628.5	450.3	294.4	189.6	117.8	74.8	51.9
30	1028.1	956.7	816.1	627.5	448.6	294.1	187.6	116.6	74.1	51.9
35	1028.1	959.3	820.5	630.5	450.0	296.1	187.9	115.6	73.6	51.8
40	1028.1	962.7	825.8	633.9	453.3	298.7	189.6	115.7	74.0	51.5
45	1028.1	966.3	830.5	637.2	456.0	301.4	192.3	117.4	74.5	51.6
50	1028.1	969.3	834.8	641.6	457.6	303.4	194.9	120.2	75.5	51.9
55	1028.1	973.0	839.5	646.9	462.6	306.8	197.6	122.0	76.4	52.4
60	1028.1	976.3	845.2	653.9	469.0	311.8	200.9	123.7	76.9	52.6
65	1028.1	979.0	851.5	662.2	476.3	316.8	204.6	125.7	77.9	52.8
70	1028.1	981.0	857.2	672.3	485.0	321.4	207.6	128.0	79.0	53.8
75	1028.1	983.7	862.5	683.3	494.7	327.1	209.6	129.2	81.1	55.3
80	1028.1	986.0	868.5	694.3	506.0	333.8	213.6	131.3	83.4	56.6
85	1028.1	987.7	871.9	706.0	516.4	342.8	219.3	136.5	85.8	57.9
90	1028.1	989.4	875.9	715.3	526.7	351.2	227.0	141.1	88.8	59.2
95	1028.1	991.0	880.5	724.7	535.7	360.2	234.0	145.3	91.6	61.0
100	1028.1	993.0	884.6	730.7	542.1	366.2	239.0	150.6	94.3	62.2
105	1028.1	995.7	888.9	738.0	547.4	371.2	246.0	155.1	97.1	63.7
110	1028.1	997.7	892.6	743.7	552.8	380.5	254.4	158.4	99.4	66.4
115	1028.1	1000.7	898.2	749.0	559.1	389.2	262.0	162.4	103.2	68.7
120	1028.1	1004.4	903.2	756.4	564.4	393.5	269.4	170.1	107.5	71.2
125	1028.1	1008.1	908.3	762.4	571.1	402.2	275.7	176.6	113.3	74.3
130	1028.1	1011.4	914.3	768.1	583.8	411.9	283.7	183.5	118.5	77.5
135	1028.1	1014.7	919.9	774.4	593.5	421.9	291.4	188.4	120.9	79.8
140	1028.1	1017.7	926.3	780.7	604.8	433.9	298.1	191.7	123.1	81.9
145	1028.1	1020.7	933.0	788.1	615.2	445.3	307.8	196.8	126.5	84.6
150	1028.1	1023.4	939.0	795.1	627.2	457.3	317.8	205.2	130.3	87.0
155	1028.1	1027.1	945.3	802.8	635.2	467.6	324.8	210.2	134.6	90.0
160	1028.1	1030.4	949.6	807.4	643.2	471.6	331.1	212.8	137.9	92.8
165	1028.1	1033.1	954.0	811.5	649.2	475.7	333.1	216.8	141.1	94.9
170	1028.1	1035.4	958.3	817.5	652.9	476.7	333.5	221.6	145.4	96.5
175	1028.1	1038.1	961.3	824.5	656.2	477.3	335.8	224.0	148.8	98.7
180	1028.1	1040.4	962.3	831.5	657.6	479.3	336.8	227.6	151.6	100.7
185	1028.1	1042.4	963.0	835.5	661.2	482.7	341.1	232.2	155.2	103.4
190	1028.1	1044.1	963.3	835.1	663.2	486.7	346.8	237.0	158.0	105.2
195	1028.1	1044.8	963.7	831.1	663.6	491.3	351.2	238.8	159.8	106.2
200	1028.1	1044.8	965.0	826.5	661.6	492.7	351.5	240.9	160.7	106.4
205	1028.1	1045.1	965.7	825.1	660.6	493.3	351.8	243.1	161.1	107.1
210	1028.1	1044.4	965.3	823.5	658.9	491.0	350.1	241.1	161.9	108.7
215	1028.1	1042.8	964.7	823.1	656.2	489.7	346.1	238.2	162.2	109.7
220	1028.1	1041.1	962.7	821.8	654.6	490.0	343.1	236.0	162.1	110.1
225	1028.1	1039.1	959.3	820.5	652.2	489.7	341.8	235.7	161.7	109.4
230	1028.1	1037.1	956.7	816.1	647.2	487.7	338.5	232.5	159.0	107.2
235	1028.1	1034.4	952.6	809.1	640.5	480.7	334.1	226.4	154.9	105.3

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8776WH-90-3K

240	1028.1	1030.4	947.3	803.8	632.2	473.7	329.5	222.4	151.4	103.3
245	1028.1	1026.4	941.3	795.1	624.2	465.3	327.1	219.6	147.6	101.0
250	1028.1	1022.1	934.6	787.8	616.8	457.0	322.8	215.8	143.7	97.5
255	1028.1	1017.1	927.6	780.4	611.2	451.0	314.4	211.7	140.1	95.3
260	1028.1	1011.7	920.3	773.7	607.5	446.3	307.8	207.5	138.1	93.6
265	1028.1	1006.4	913.9	766.7	602.8	439.6	302.8	201.7	135.8	92.7
270	1028.1	1001.7	906.9	758.4	594.8	430.9	295.4	197.1	132.2	91.1
275	1028.1	996.4	900.6	747.7	585.8	422.6	286.7	192.5	128.1	88.5
280	1028.1	991.0	893.6	738.3	575.1	413.6	279.4	187.5	124.5	86.0
285	1028.1	986.0	886.9	730.7	565.4	403.9	272.4	182.1	121.5	83.5
290	1028.1	981.4	879.9	723.7	555.4	397.2	266.0	177.6	117.3	80.2
295	1028.1	977.0	874.5	718.0	545.8	389.2	261.4	170.3	113.0	77.9
300	1028.1	973.0	871.2	712.0	537.1	382.5	255.4	163.6	108.8	74.9
305	1028.1	970.0	868.9	706.0	529.1	375.2	247.7	158.4	104.0	71.7
310	1028.1	967.7	866.2	699.0	523.4	365.8	240.7	152.6	100.0	69.4
315	1028.1	966.0	862.5	693.0	517.4	358.8	235.0	147.6	97.3	67.1
320	1028.1	964.3	858.8	687.3	509.7	351.8	229.3	144.1	95.0	65.3
325	1028.1	962.3	855.8	681.6	501.4	341.5	223.3	141.3	93.0	64.1
330	1028.1	960.3	851.8	674.9	492.3	335.5	218.6	137.7	90.7	63.3
335	1028.1	958.0	846.2	668.9	482.7	330.8	215.6	134.3	89.0	62.1
340	1028.1	956.7	840.2	661.9	474.3	323.8	210.6	130.5	86.2	60.1
345	1028.1	954.3	834.1	653.6	469.0	315.8	203.6	127.3	83.8	58.6
350	1028.1	952.0	828.5	645.2	466.0	311.4	200.3	125.5	82.6	57.3
355	1028.1	950.3	823.1	639.9	464.3	309.8	200.3	124.9	81.1	56.3
360	1028.1	953.6	821.1	637.2	461.6	308.1	197.3	123.3	79.8	55.3

C\G	50	55	60	65	70	75	80	85	90
0	42.1	33.6	27.2	21.8	16.7	11.7	6.8	2.1	0.4
5	41.6	33.4	27.1	21.6	16.6	11.6	6.8	2.1	0.4
10	41.1	33.0	26.9	21.6	16.4	11.5	6.7	2.0	0.4
15	40.5	32.5	26.6	21.4	16.3	11.4	6.6	2.0	0.4
20	40.0	32.2	26.3	21.1	16.2	11.3	6.5	2.0	0.4
25	39.8	32.1	26.3	21.0	16.0	11.2	6.5	2.0	0.4
30	39.7	32.0	26.1	20.9	16.0	11.2	6.5	2.0	0.4
35	39.7	31.8	26.0	20.8	15.9	11.2	6.5	2.0	0.4
40	39.3	31.7	25.9	20.9	15.9	11.2	5.8	1.8	0.4
45	39.2	31.6	25.9	20.8	16.0	11.2	4.2	1.6	0.4
50	39.4	31.7	26.0	20.9	16.0	11.3	5.6	1.7	0.4
55	39.6	31.7	25.9	20.9	16.0	11.3	6.7	2.2	0.4
60	39.7	31.8	26.0	21.0	16.1	11.4	6.8	2.2	0.4
65	39.9	32.0	26.2	21.1	16.2	11.5	6.9	2.3	0.4
70	40.4	32.2	26.4	21.2	16.3	11.6	7.0	2.4	0.4
75	41.1	32.7	26.7	21.4	16.5	11.7	7.1	2.5	0.4
80	41.9	33.1	27.0	21.7	16.7	11.9	7.3	2.6	0.4
85	42.7	33.5	27.2	21.9	16.9	12.1	7.4	2.7	0.4
90	43.4	33.9	27.5	22.1	17.1	12.2	7.6	2.8	0.4
95	44.2	34.3	27.7	22.3	17.2	12.4	7.7	2.9	0.4
100	44.9	34.9	28.1	22.5	17.4	12.5	7.9	3.1	0.4

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8776WH-90-3K

105	45.9	35.5	28.5	22.7	17.6	12.8	8.1	3.3	0.4
110	47.4	36.3	29.0	23.1	17.9	12.9	8.2	3.4	0.4
115	49.0	37.3	29.5	23.4	18.1	13.2	8.4	3.5	0.4
120	50.5	38.0	29.9	23.8	18.4	13.4	8.6	3.7	0.4
125	51.7	38.9	30.6	24.2	18.6	13.5	8.7	3.9	0.4
130	53.5	39.9	31.1	24.5	18.8	13.7	8.0	3.6	0.4
135	55.5	41.0	31.6	24.8	19.1	13.9	5.6	2.7	0.4
140	57.3	42.1	32.2	25.2	19.4	14.1	7.6	3.6	0.4
145	59.1	43.1	32.9	25.7	19.8	14.4	9.4	4.4	0.4
150	60.9	44.3	33.7	26.2	20.0	14.5	9.5	4.6	0.5
155	62.2	44.8	33.9	26.2	20.0	14.6	9.6	4.7	0.5
160	63.7	45.5	34.0	26.2	20.1	14.6	9.7	4.7	0.5
165	65.2	46.1	34.5	26.5	20.1	14.7	9.7	4.8	0.5
170	66.3	47.1	34.9	26.6	20.2	14.7	9.7	4.8	0.5
175	67.7	47.8	35.2	26.7	20.2	14.6	9.7	4.8	0.5
180	69.4	48.4	35.4	26.8	20.2	14.5	9.6	4.8	0.6
185	70.1	48.9	35.7	26.9	20.0	14.4	9.5	4.8	0.6
190	71.2	49.5	35.8	26.7	20.0	14.4	9.5	4.9	0.5
195	72.3	50.0	35.9	26.8	20.1	14.5	9.6	4.8	0.5
200	72.7	50.6	36.5	27.2	20.4	14.6	9.6	4.9	0.5
205	73.4	51.2	37.1	27.6	20.6	14.7	9.7	4.9	0.5
210	74.4	51.8	37.3	27.7	20.6	14.8	9.8	4.9	0.5
215	74.9	52.1	37.7	28.0	20.8	15.0	9.9	4.9	0.5
220	75.4	52.8	38.3	28.5	21.2	15.2	9.2	3.8	0.4
225	75.3	53.4	38.7	28.8	21.5	15.5	6.2	2.5	0.4
230	74.2	53.0	38.7	29.0	21.7	15.6	8.5	3.1	0.4
235	72.7	51.7	38.1	28.8	21.6	15.6	10.3	4.8	0.4
240	71.5	50.8	37.6	28.6	21.6	15.6	10.3	4.9	0.4
245	70.4	49.9	37.2	28.4	21.5	15.6	10.3	4.8	0.4
250	68.4	49.2	37.0	28.4	21.5	15.6	10.2	4.7	0.4
255	66.8	48.4	36.6	28.2	21.4	15.5	10.1	4.6	0.4
260	65.7	47.5	36.0	27.8	21.2	15.3	10.1	4.4	0.4
265	64.8	47.0	35.6	27.5	21.0	15.2	9.9	4.1	0.4
270	63.7	46.5	35.4	27.4	20.8	15.1	9.8	4.0	0.4
275	62.7	46.0	35.1	27.2	20.7	14.9	9.7	3.9	0.4
280	61.5	45.2	34.7	27.0	20.5	14.8	9.5	3.9	0.4
285	59.6	44.2	34.1	26.5	20.2	14.6	9.3	3.7	0.4
290	57.0	42.9	33.4	26.1	19.9	14.3	9.1	3.6	0.4
295	54.9	41.6	32.7	25.6	19.6	14.1	8.9	3.5	0.4
300	53.6	40.5	32.0	25.3	19.4	13.9	8.7	3.4	0.4
305	52.3	40.1	31.6	24.9	19.1	13.7	8.5	3.1	0.4
310	50.7	39.3	31.2	24.6	18.8	13.5	7.3	2.0	0.4
315	49.3	38.4	30.7	24.4	18.6	13.3	5.0	1.2	0.4
320	48.0	37.5	30.0	23.8	18.3	13.0	7.0	1.9	0.4
325	47.1	37.0	29.6	23.6	18.0	12.9	7.8	2.6	0.4
330	46.6	36.5	29.3	23.3	17.9	12.7	7.7	2.6	0.4
335	46.0	36.2	29.2	23.1	17.6	12.5	7.5	2.5	0.4
340	45.1	35.6	28.8	22.9	17.5	12.4	7.4	2.4	0.4
345	44.1	35.0	28.3	22.5	17.3	12.2	7.2	2.3	0.4

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8776WH-90-3K

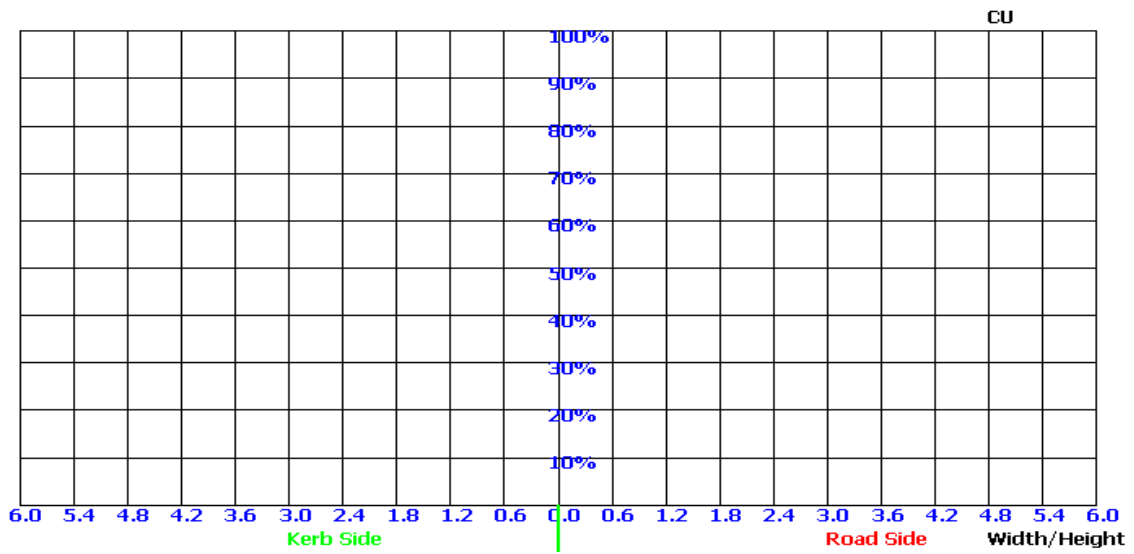
350	43.0	34.4	27.9	22.3	17.0	12.0	7.1	2.2	0.4
355	42.4	33.8	27.4	22.0	16.8	11.9	6.9	2.2	0.4
360	42.1	33.6	27.2	21.8	16.7	11.7	6.8	2.1	0.4

RP Lighting + Fans

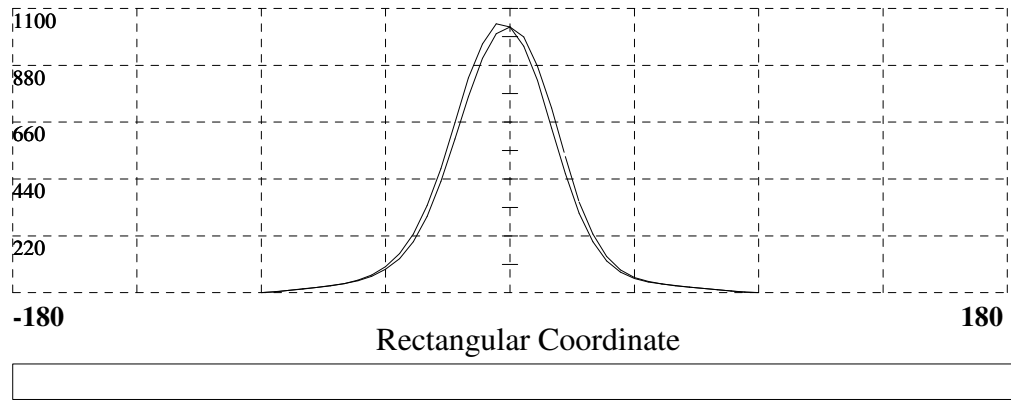
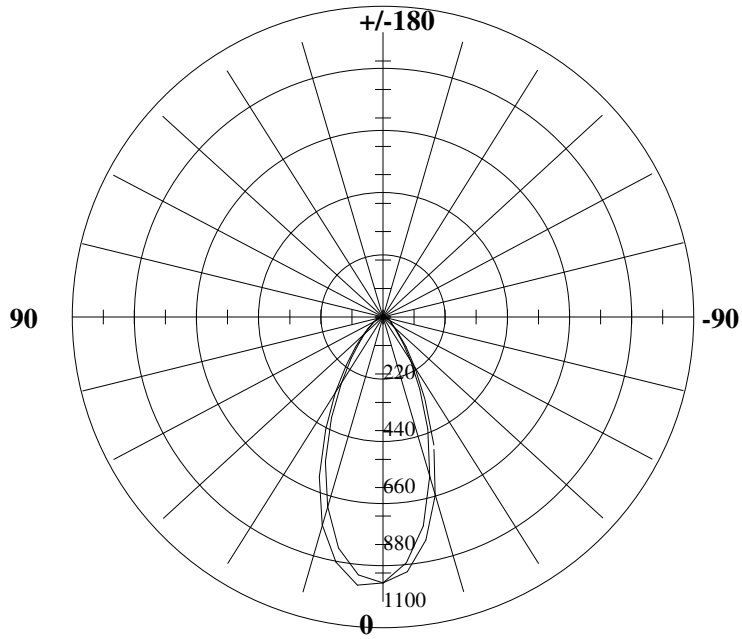
Zonal Flux 8776WH-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1028.08	0.00	0.00	0.00	0.00
5	996.01	24.20	24.20	-2419.75	-2419.75
10	892.04	67.54	91.74	-6754.16	-9173.92
15	732.19	96.35	188.09	-9634.81	-18808.72
20	556.12	106.17	294.26	-10617.49	-29426.22
25	392.54	99.50	393.76	-9949.72	-39375.93
30	265.27	83.25	477.01	-8324.68	-47700.61
35	172.35	64.44	541.45	-6444.32	-54144.93
40	112.90	47.59	589.04	-4759.21	-58904.14
45	76.56	35.08	624.12	-3507.95	-62412.10
50	54.54	26.49	650.61	-2649.01	-65061.11
55	40.70	20.71	671.32	-2070.75	-67131.88
60	31.49	16.69	688.00	-1668.61	-68800.49
65	24.57	13.63	701.63	-1362.85	-70163.35
70	18.71	10.96	712.59	-1095.81	-71259.14
75	13.42	8.40	720.99	-839.74	-72098.90
80	8.18	5.78	726.77	-577.83	-72676.73
85	3.33	3.13	729.89	-312.59	-72989.34
90	0.43	1.03	730.92	-102.77	-73092.11

RP Lighting + Fans
Coefficient Utilization Curve 8776WH-90-3K

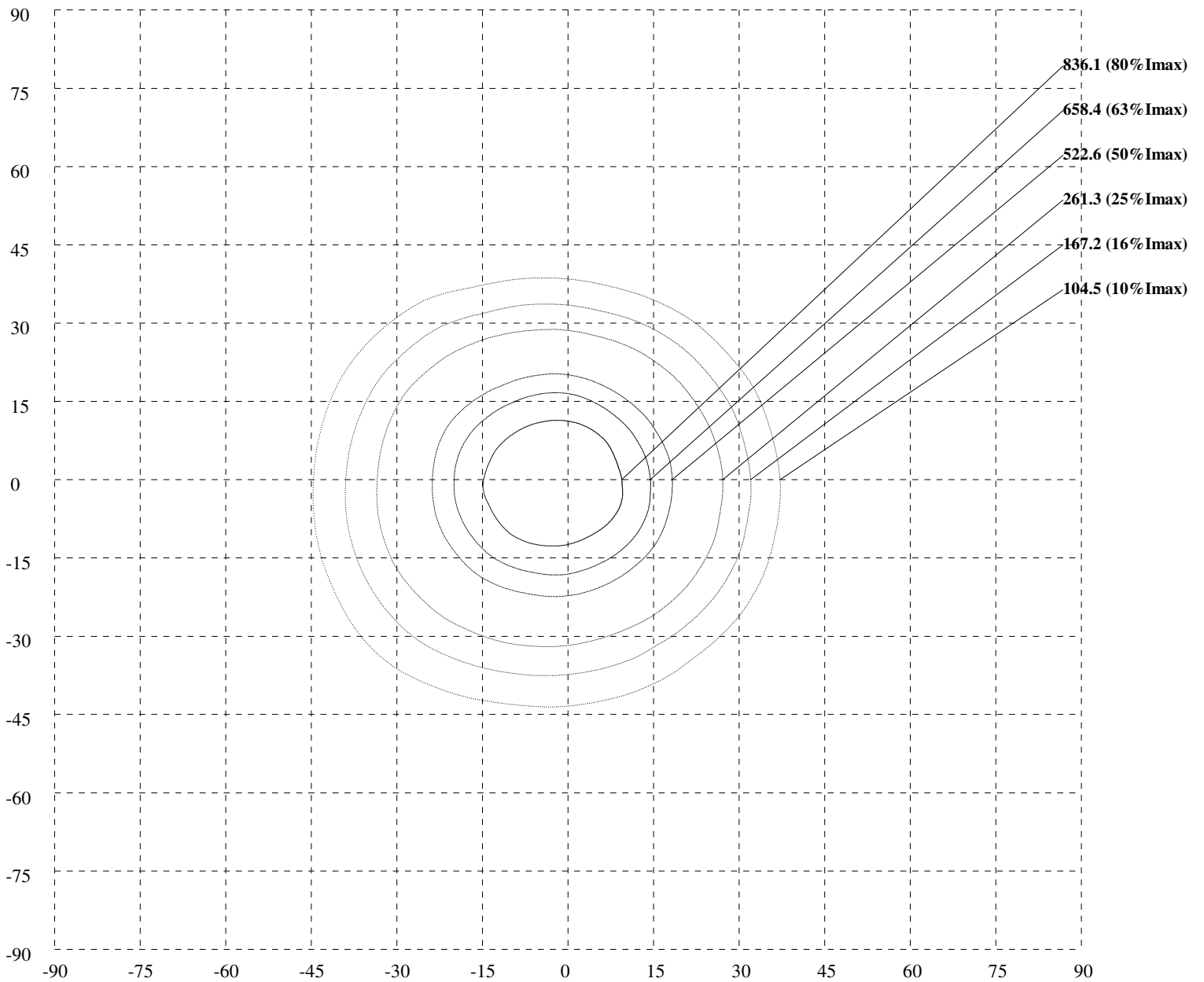


Light Distribution Curve[Unit: cd]



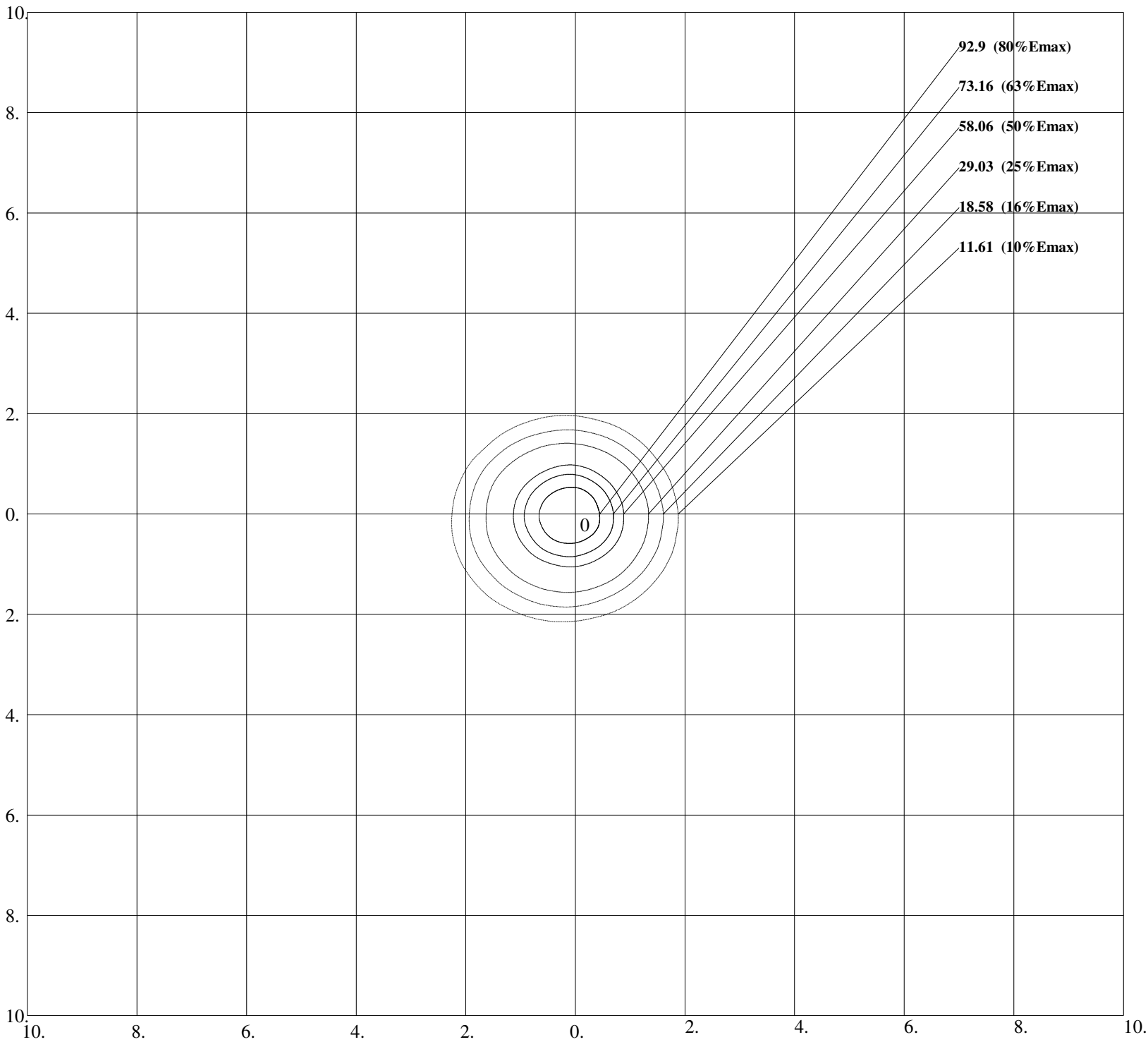
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8776WH-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx] 8776WH-90-3K



Units: lx
Height: 3 m
Max Illuminance : 116.12lx

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

