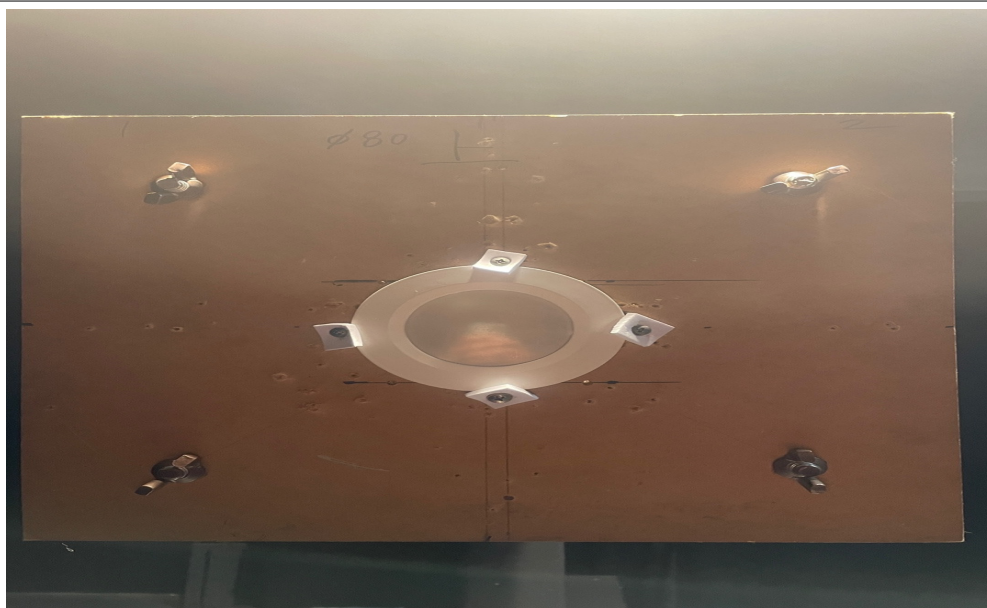


Test Report of Luminaire

Report No.:

Luminaire Type	8708-HO-90-3K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2975K,CRI: 94.4Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.101
Power:	11.1	Power Factor	0.917
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	875.89 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	375.769cd	Central Intensity	375.769cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-87589.04%		
50%Imax Beam Width	C0_180[46.5 ,-48.0] C90_270[49.6 ,-44.8]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8708-HO-90-3K

C\G	0	5	10	15	20	25	30	35	40	45
0	375.8	370.3	358.8	344.0	324.8	302.4	277.5	250.9	223.5	195.9
5	375.8	370.4	359.2	344.5	325.5	303.3	278.4	251.9	224.4	196.8
10	375.8	370.6	359.7	345.2	326.4	304.3	279.6	253.0	225.7	197.9
15	375.8	370.9	360.2	345.9	327.3	305.3	280.7	254.3	226.8	199.1
20	375.8	371.1	360.6	346.6	328.2	306.4	281.8	255.5	228.0	200.3
25	375.8	371.4	361.1	347.3	329.1	307.4	283.0	256.7	229.3	201.5
30	375.8	371.6	361.6	348.0	329.9	308.4	284.1	257.8	230.5	202.7
35	375.8	371.9	362.1	348.7	330.8	309.4	285.2	259.0	231.7	203.9
40	375.8	372.1	362.6	349.3	331.7	310.4	286.3	260.2	232.9	205.1
45	375.8	372.3	363.0	350.1	332.6	311.4	287.4	261.3	234.1	206.2
50	375.8	372.5	363.5	350.7	333.3	312.3	288.4	262.4	235.2	207.3
55	375.8	372.7	363.9	351.3	334.0	313.2	289.4	263.4	236.2	208.3
60	375.8	372.9	364.3	351.8	334.8	314.1	290.3	264.4	237.2	209.3
65	375.8	373.1	364.7	352.4	335.5	314.8	291.2	265.1	238.1	210.2
70	375.8	373.2	365.0	352.9	336.2	315.6	292.0	266.1	239.0	211.1
75	375.8	373.4	365.3	353.3	336.8	316.2	292.7	266.8	239.7	211.8
80	375.8	373.5	365.5	353.7	337.1	316.7	293.3	267.5	240.3	212.5
85	375.8	373.6	365.7	354.1	337.5	317.3	293.8	268.1	240.9	213.1
90	375.8	373.7	365.9	354.3	338.0	317.7	294.3	268.6	241.4	213.6
95	375.8	373.8	366.1	354.5	338.2	318.0	294.6	268.9	241.8	214.0
100	375.8	373.8	366.2	354.7	338.3	318.2	294.9	269.2	242.1	214.3
105	375.8	373.9	366.3	354.8	338.5	318.3	295.0	269.3	242.2	214.4
110	375.8	373.9	366.3	354.8	338.6	318.3	295.0	269.4	242.2	214.5
115	375.8	373.9	366.3	354.8	338.6	318.3	295.0	269.3	242.2	214.4
120	375.8	373.8	366.3	354.7	338.4	318.1	294.8	269.1	241.9	214.3
125	375.8	373.7	366.1	354.5	338.1	317.8	294.5	268.8	241.7	214.0
130	375.8	373.7	366.0	354.2	337.8	317.5	294.1	268.5	241.3	213.6
135	375.8	373.6	365.8	353.9	337.5	317.0	293.6	267.9	240.8	213.0
140	375.8	373.4	365.6	353.6	337.0	316.5	292.9	267.3	240.1	212.4
145	375.8	373.3	365.3	353.2	336.4	315.9	292.2	266.6	239.4	211.6
150	375.8	373.1	364.9	352.7	335.9	315.2	291.5	265.7	238.5	210.8
155	375.8	372.8	364.5	352.3	335.2	314.4	290.6	264.8	237.6	209.9
160	375.8	372.6	364.2	351.7	334.4	313.5	289.7	263.8	236.5	208.8
165	375.8	372.4	363.9	351.0	333.7	312.6	288.7	262.6	235.5	207.7
170	375.8	372.1	363.4	350.4	332.9	311.6	287.6	261.6	234.3	206.6
175	375.8	371.9	363.0	349.7	332.0	310.6	286.5	260.3	233.0	205.3
180	375.8	371.6	362.4	349.0	331.1	309.5	285.3	259.1	231.8	204.1
185	375.8	371.3	361.9	348.2	330.1	308.4	284.1	257.8	230.5	202.8
190	375.8	371.1	361.4	347.4	329.1	307.3	282.9	256.5	229.1	201.6
195	375.8	370.8	360.9	346.7	328.3	306.2	281.6	255.2	227.8	200.3
200	375.8	370.5	360.3	345.9	327.2	305.1	280.4	253.8	226.5	199.0
205	375.8	370.1	359.8	345.2	326.3	304.1	279.2	252.6	225.2	197.7
210	375.8	369.8	359.3	344.4	325.3	302.9	278.0	251.3	223.9	196.5
215	375.8	369.5	358.8	343.7	324.4	301.9	276.8	250.1	222.7	195.3
220	375.8	369.2	358.3	343.0	323.5	300.9	275.7	249.0	221.5	194.1
225	375.8	369.0	357.8	342.3	322.7	299.9	274.7	247.9	220.4	193.0
230	375.8	368.7	357.4	341.7	321.9	299.0	273.7	246.8	219.3	192.0
235	375.8	368.4	356.9	341.1	321.2	298.1	272.8	245.9	218.4	191.0

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8708-HO-90-3K

240	375.8	368.3	356.5	340.5	320.5	297.4	272.0	245.0	217.5	190.1
245	375.8	368.0	356.1	340.0	319.8	296.6	271.2	244.2	216.7	189.3
250	375.8	367.8	355.7	339.5	319.2	296.0	270.5	243.5	216.0	188.6
255	375.8	367.7	355.4	339.1	318.8	295.5	269.9	242.9	215.3	188.0
260	375.8	367.5	355.1	338.7	318.3	294.9	269.4	242.3	214.8	187.4
265	375.8	367.4	354.9	338.3	318.0	294.6	269.0	241.9	214.4	187.0
270	375.8	367.2	354.7	338.1	317.6	294.3	268.7	241.6	214.1	186.8
275	375.8	367.1	354.6	337.9	317.5	294.1	268.4	241.4	213.8	186.5
280	375.8	367.0	354.4	337.8	317.3	293.9	268.3	241.2	213.7	186.4
285	375.8	367.0	354.4	337.8	317.3	293.8	268.3	241.3	213.7	186.4
290	375.8	366.9	354.3	337.8	317.3	293.9	268.3	241.3	213.8	186.5
295	375.8	366.9	354.4	337.8	317.4	294.0	268.5	241.5	214.0	186.6
300	375.8	367.0	354.5	337.9	317.6	294.2	268.7	241.8	214.2	186.9
305	375.8	367.0	354.6	338.1	317.7	294.5	269.0	242.0	214.6	187.3
310	375.8	367.0	354.8	338.3	318.1	294.9	269.4	242.5	215.0	187.6
315	375.8	367.1	354.9	338.6	318.4	295.3	269.9	243.0	215.5	188.2
320	375.8	367.2	355.0	339.0	318.9	295.8	270.5	243.6	216.2	188.7
325	375.8	367.4	355.4	339.3	319.3	296.4	271.1	244.2	216.8	189.4
330	375.8	367.5	355.6	339.8	319.9	297.0	271.8	245.0	217.5	190.1
335	375.8	367.6	355.7	340.3	320.5	297.7	272.6	245.8	218.3	190.8
340	375.8	367.7	356.2	340.8	321.2	298.5	273.4	246.7	219.2	191.7
345	375.8	367.9	356.6	341.3	321.9	299.3	274.3	247.6	220.1	192.6
350	375.8	368.1	357.1	341.8	322.6	300.2	275.2	248.6	221.1	193.5
355	375.8	368.3	357.5	342.5	323.4	301.1	276.2	249.6	222.1	194.5
360	375.8	370.3	358.8	344.0	324.8	302.4	277.5	250.9	223.5	195.9

C\G	50	55	60	65	70	75	80	85	90
0	168.5	142.0	116.2	91.2	67.2	43.6	21.4	5.0	0.7
5	169.5	142.8	117.0	91.9	67.8	44.3	22.0	5.4	0.7
10	170.6	143.8	117.9	92.8	68.6	45.2	23.0	6.1	0.7
15	171.7	144.9	118.9	93.7	69.4	46.3	24.1	6.8	0.7
20	172.8	145.9	119.9	94.6	70.2	47.1	25.2	7.7	0.7
25	174.0	147.0	121.0	95.6	71.1	47.8	26.4	8.7	0.7
30	175.1	148.2	122.0	96.5	72.0	48.6	27.2	9.5	0.7
35	176.3	149.3	123.0	97.5	72.8	49.4	27.9	10.3	0.6
40	177.4	150.4	124.0	98.4	73.7	50.2	28.6	10.9	0.6
45	178.5	151.4	125.0	99.4	74.6	50.9	29.2	11.4	0.7
50	179.6	152.5	126.0	100.3	75.4	51.7	29.9	11.7	0.6
55	180.6	153.4	126.9	101.1	76.3	52.4	30.4	11.9	0.7
60	181.6	154.4	127.8	102.0	77.0	53.1	30.6	11.9	0.9
65	182.5	155.2	128.6	102.7	77.8	53.7	30.7	11.7	0.9
70	183.3	156.0	129.3	103.4	78.4	54.1	30.9	11.6	1.0
75	184.0	156.7	130.0	104.1	79.1	54.5	31.0	11.5	1.1
80	184.7	157.3	130.6	104.6	79.6	54.9	31.2	11.5	1.1
85	185.3	157.9	131.1	105.2	80.0	55.2	31.4	11.7	1.1
90	185.8	158.4	131.6	105.6	80.4	55.6	31.8	11.9	1.2
95	186.2	158.7	132.0	105.9	80.7	55.9	32.2	12.2	1.3
100	186.4	159.0	132.2	106.3	81.0	56.2	32.6	12.6	1.4

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8708-HO-90-3K

105	186.6	159.2	132.4	106.4	81.2	56.5	33.0	12.9	1.6
110	186.7	159.3	132.5	106.5	81.4	56.7	33.3	13.2	1.7
115	186.6	159.2	132.5	106.5	81.4	56.9	33.7	13.7	1.8
120	186.5	159.1	132.4	106.4	81.4	57.0	33.9	14.2	1.9
125	186.2	158.9	132.2	106.3	81.3	57.1	34.2	14.6	1.8
130	185.8	158.5	131.9	106.0	81.1	57.0	34.3	15.0	1.6
135	185.3	158.1	131.4	105.6	80.8	56.9	34.3	15.2	1.5
140	184.7	157.5	130.9	105.2	80.4	56.6	34.3	15.3	1.7
145	184.0	156.8	130.3	104.7	80.0	56.2	34.0	15.0	1.8
150	183.2	156.1	129.7	104.1	79.5	55.7	33.3	14.2	1.8
155	182.3	155.2	128.9	103.4	78.9	55.1	32.6	13.5	1.6
160	181.3	154.3	128.1	102.7	78.3	54.4	31.7	12.7	1.4
165	180.2	153.3	127.2	101.9	77.5	53.6	30.9	11.9	1.2
170	179.1	152.2	126.2	101.1	76.7	52.8	30.1	11.2	1.0
175	177.9	151.2	125.2	100.2	75.9	51.9	29.4	10.6	0.8
180	176.7	150.0	124.2	99.3	75.0	51.2	28.7	10.2	0.8
185	175.5	148.9	123.1	98.3	74.1	50.4	28.2	9.9	0.7
190	174.3	147.7	122.1	97.4	73.3	49.8	27.7	9.7	0.7
195	173.0	146.6	121.0	96.4	72.5	49.1	27.3	9.6	0.7
200	171.8	145.4	119.9	95.4	71.6	48.6	27.0	9.7	0.7
205	170.6	144.2	118.8	94.4	70.8	48.0	26.7	9.7	0.7
210	169.4	143.1	117.8	93.5	70.1	47.4	26.4	9.7	0.6
215	168.3	142.1	116.8	92.6	69.3	46.9	26.2	9.7	0.6
220	167.2	141.0	115.8	91.7	68.5	46.3	25.8	9.6	0.6
225	166.0	140.0	114.9	90.8	67.7	45.4	25.1	9.2	0.6
230	165.0	139.1	114.1	90.0	66.7	44.3	24.0	8.6	0.6
235	164.1	138.2	113.2	89.2	65.7	43.2	22.9	7.9	0.6
240	163.3	137.4	112.5	88.3	64.8	42.1	21.8	7.0	0.6
245	162.5	136.7	111.8	87.5	63.8	41.1	20.7	6.2	0.6
250	161.8	136.0	111.1	86.8	63.0	40.1	19.6	5.5	0.6
255	161.2	135.4	110.5	86.2	62.3	39.3	18.8	4.9	0.6
260	160.7	135.0	110.0	85.6	61.7	38.7	18.2	4.5	0.6
265	160.3	134.6	109.6	85.2	61.3	38.3	17.8	4.1	0.6
270	160.0	134.2	109.3	84.9	61.0	38.0	17.5	3.9	0.6
275	159.8	134.0	109.1	84.8	60.9	37.9	17.4	3.9	0.6
280	159.7	133.9	108.9	84.7	60.9	37.9	17.5	4.0	0.6
285	159.6	133.8	108.8	84.7	61.0	38.1	17.8	4.2	0.7
290	159.7	133.9	108.8	84.8	61.3	38.5	18.4	4.5	0.7
295	159.8	134.0	108.9	84.9	61.6	39.0	19.0	4.8	0.6
300	160.1	134.2	109.1	85.1	61.9	39.6	19.8	5.2	0.7
305	160.4	134.5	109.3	85.2	62.1	40.1	20.5	5.4	0.6
310	160.8	134.8	109.6	85.4	62.3	40.4	20.7	5.5	0.6
315	161.2	135.2	110.0	85.7	62.5	40.5	20.6	5.5	0.6
320	161.8	135.7	110.4	86.1	62.8	40.5	20.4	5.4	0.6
325	162.4	136.3	110.9	86.5	63.2	40.6	20.3	5.2	0.6
330	163.0	136.9	111.5	87.0	63.6	40.8	20.2	5.0	0.7
335	163.8	137.5	112.1	87.6	64.0	41.0	20.1	4.8	0.7
340	164.6	138.3	112.8	88.1	64.5	41.3	20.0	4.7	0.7
345	165.5	139.1	113.5	88.8	65.1	41.7	20.2	4.6	0.7

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8708-HO-90-3K

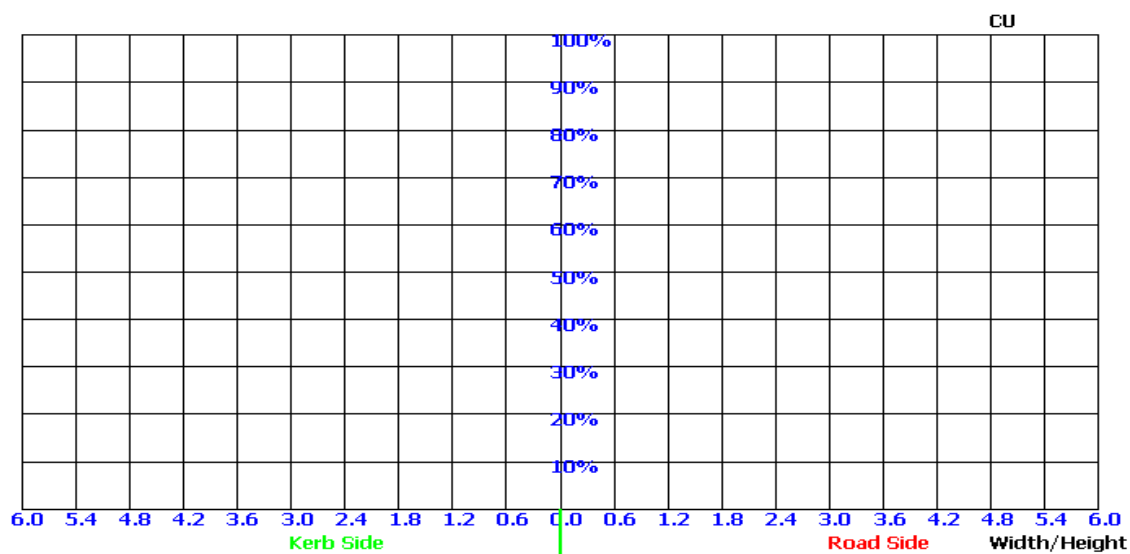
350	166.4	139.9	114.3	89.5	65.7	42.2	20.4	4.6	0.7
355	167.4	140.9	115.1	90.3	66.4	42.8	20.7	4.7	0.6
360	168.5	142.0	116.2	91.2	67.2	43.6	21.4	5.0	0.7

RP Lighting + Fans

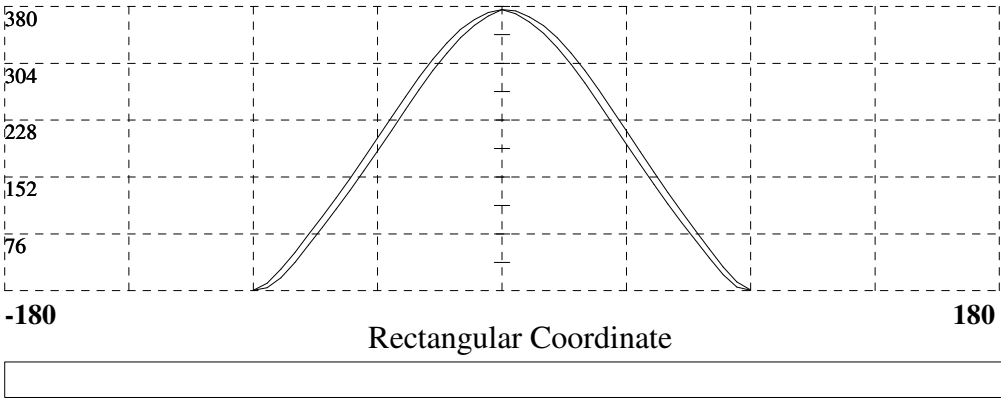
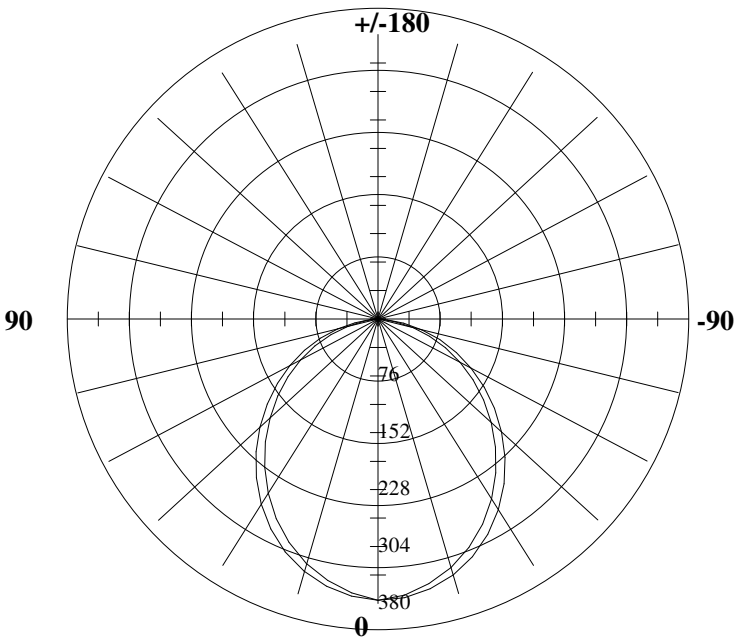
Zonal Flux8708-HO-90-3K

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	375.77	0.00	0.00	0.00	0.00
5	370.51	8.92	8.92	-892.15	-892.15
10	360.37	26.15	35.07	-2614.57	-3506.72
15	346.24	41.92	76.98	-4191.54	-7698.25
20	327.79	55.55	132.53	-5554.90	-13253.15
25	305.91	66.46	199.00	-6646.36	-19899.51
30	281.39	74.32	273.32	-7432.45	-27331.96
35	255.01	78.99	352.31	-7898.87	-35230.83
40	227.66	80.53	432.84	-8052.98	-43283.81
45	200.06	79.20	512.03	-7919.68	-51203.49
50	172.75	75.33	587.37	-7533.09	-58736.60
55	146.14	69.34	656.70	-6933.65	-65670.28
60	120.32	61.59	718.29	-6159.12	-71829.43
65	95.31	52.42	770.71	-5242.01	-77071.44
70	71.14	42.15	812.86	-4214.56	-81285.99
75	47.72	31.07	843.93	-3106.77	-84392.77
80	26.04	19.74	863.67	-1973.73	-86366.50
85	8.99	9.52	873.18	-951.92	-87318.43
90	0.89	2.71	875.89	-270.62	-87589.04

RP Lighting + Fans
Coefficient Utilization Curve 8708-HO-90-3K

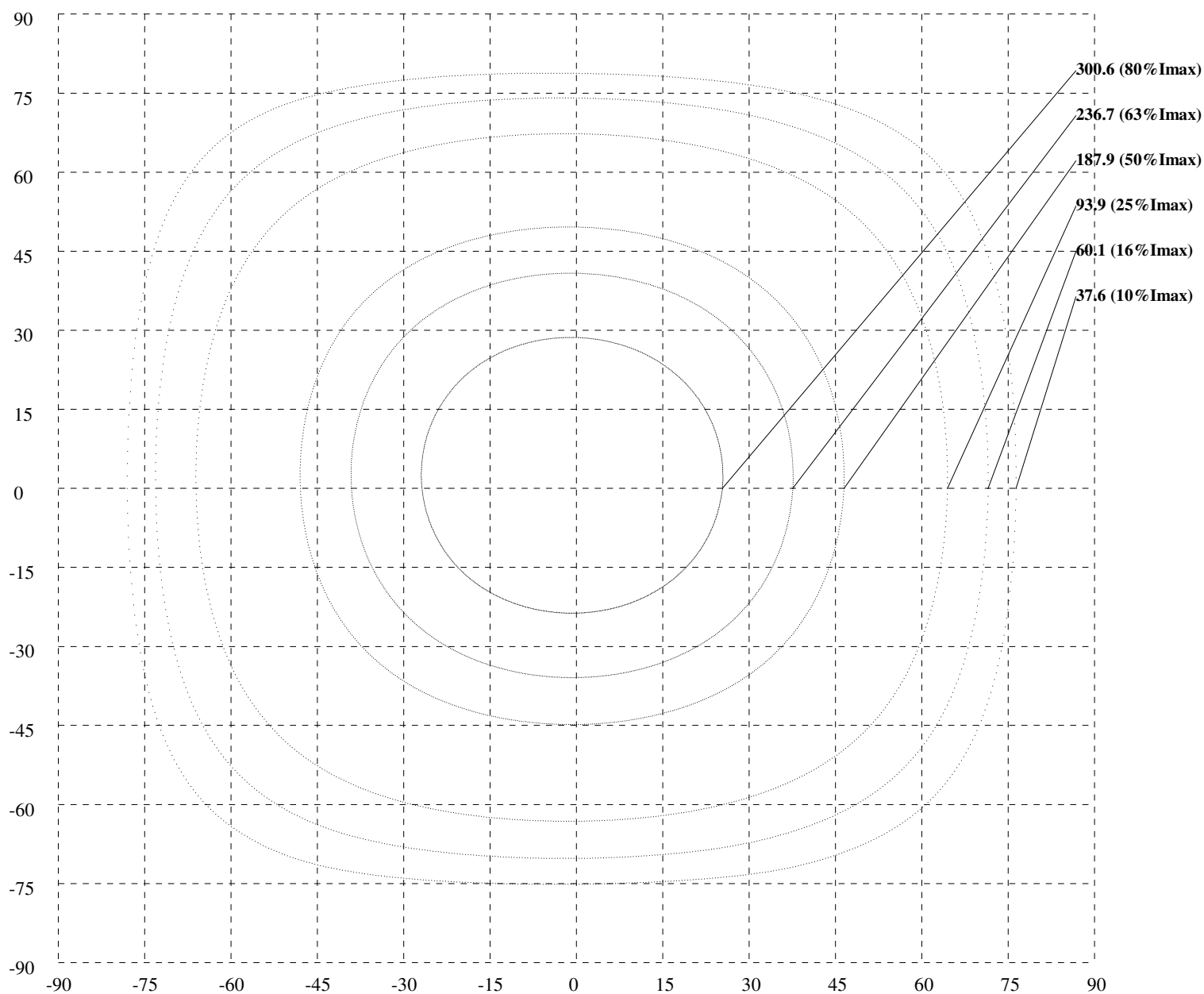


Light Distribution Curve[Unit: cd]



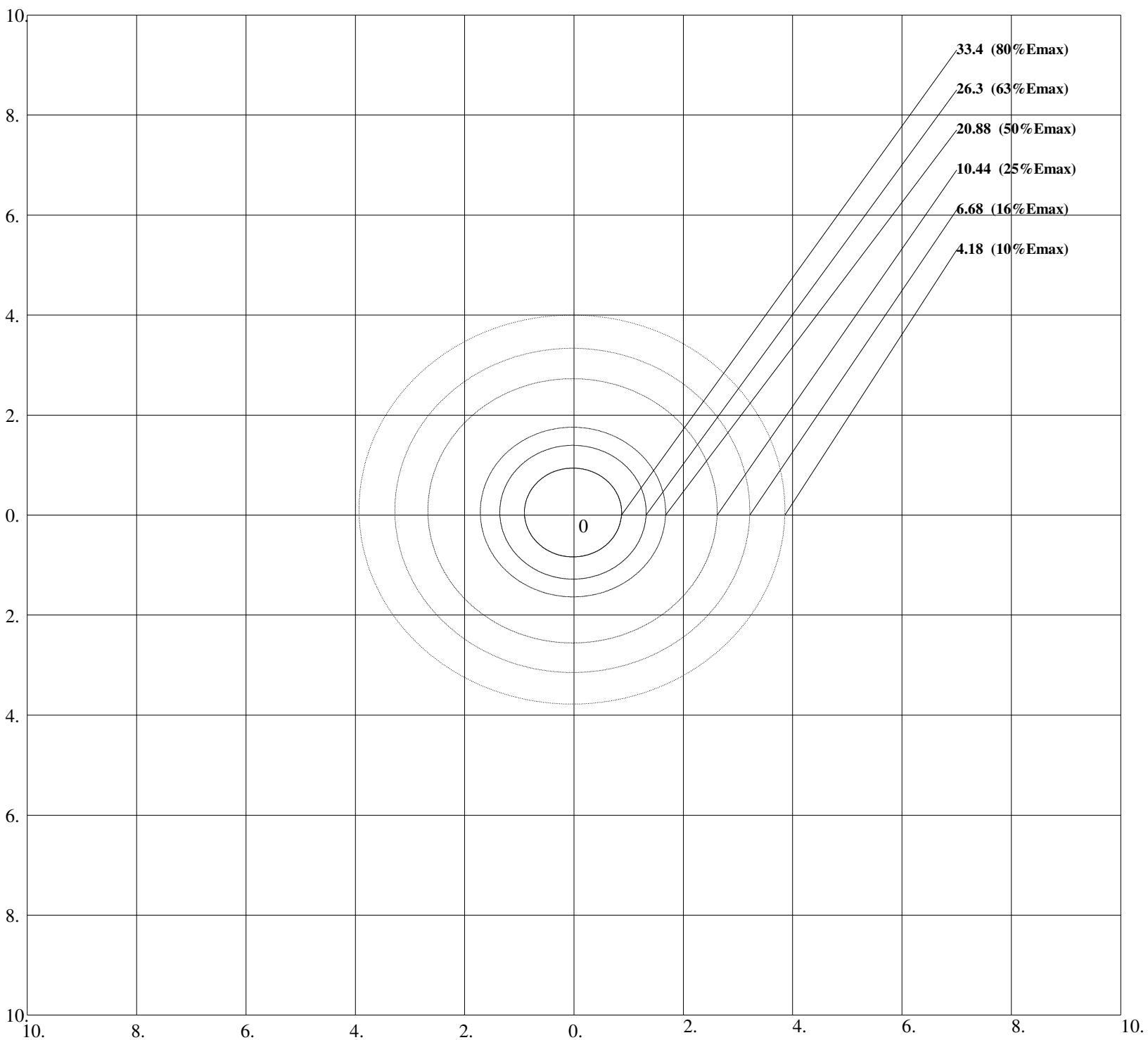
RP Lighting + Fans

ISO-Candela V-H [Unit :cd]8708-HO-90-3K



RP Lighting + Fans

Iso-Lux [Unit :lx]8708-HO-90-3K



Units: lx
Height: 3 m
Max Illuminance : 41.75lx

RP Lighting + Fans
Lux-Distance Curve

