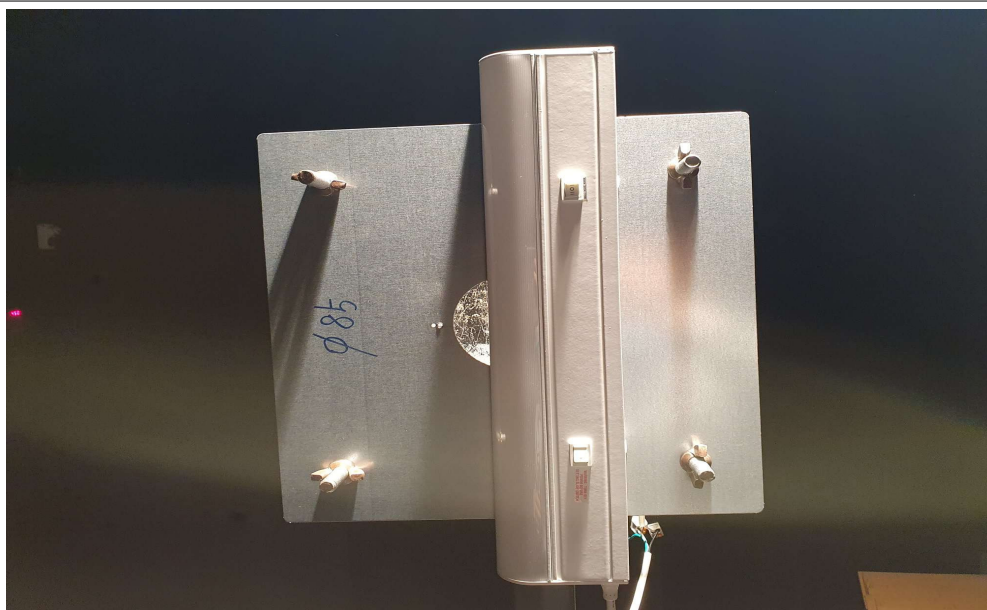


Test Report of Luminaire

Report No.:

Luminaire Type	8968WH-2734 4000K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3884K, CRI: 94.7Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.061
Power:	6.8	Power Factor	0.932
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	523.55 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	180.782cd	Central Intensity	162.783cd
Angle of Max Intensity:	C:0 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-52354.96%		
50%Imax Beam Width	C0_180[83.4 , -34.4] C90_270[51.7 , -50.9]		
Remark			

Luminaire Figure



RP Lighting • Fans

Photometric Data Table [Unit:cd] 8968WH-2734 4000K

C\G	0	5	10	15	20	25	30	35	40	45
0	162.8	169.5	174.5	178.1	180.2	180.8	179.8	177.6	174.0	169.2
5	162.8	169.6	174.4	178.0	180.0	180.6	179.7	177.4	173.8	168.9
10	162.8	169.4	174.4	177.7	179.7	180.2	179.1	176.8	173.1	168.1
15	162.8	169.4	174.0	177.3	179.1	179.4	178.3	175.7	171.9	166.8
20	162.8	169.1	173.6	176.7	178.3	178.4	176.9	174.1	170.1	164.8
25	162.8	168.9	173.1	175.9	177.2	177.0	175.3	172.2	168.0	162.4
30	162.8	168.6	172.5	174.9	175.9	175.4	173.3	169.9	165.3	159.4
35	162.8	168.2	171.8	173.9	174.5	173.4	171.0	167.3	162.3	155.9
40	162.8	167.9	171.0	172.6	172.8	171.3	168.5	164.4	159.0	152.1
45	162.8	167.4	170.1	171.3	171.0	169.0	165.7	161.1	155.3	148.1
50	162.8	167.0	169.1	169.9	169.0	166.6	162.8	157.8	151.5	143.8
55	162.8	166.4	168.1	168.3	166.9	163.9	159.6	154.1	147.4	139.4
60	162.8	165.9	167.0	166.7	164.7	161.2	156.4	150.4	143.2	134.7
65	162.8	165.2	165.9	164.9	162.4	158.4	153.0	146.5	138.8	129.9
70	162.8	164.7	164.6	163.1	160.1	155.4	149.5	142.6	134.5	125.1
75	162.8	164.0	163.5	161.3	157.6	152.5	146.1	138.6	129.7	120.2
80	162.8	163.4	162.2	159.5	155.2	149.4	142.6	134.6	125.3	115.4
85	162.8	162.7	160.9	157.6	152.8	146.5	139.1	130.7	121.0	110.6
90	162.8	162.1	159.7	155.7	150.4	143.5	135.7	126.7	116.6	105.9
95	162.8	161.5	158.4	153.9	147.8	140.6	132.3	122.9	112.4	101.3
100	162.8	160.8	157.2	152.0	145.5	137.8	129.0	119.2	108.2	96.9
105	162.8	160.2	155.9	150.2	143.2	135.1	125.8	115.6	104.3	92.7
110	162.8	159.5	154.8	148.5	141.0	132.4	122.7	111.9	100.6	88.7
115	162.8	159.0	153.6	146.9	138.9	129.9	119.8	108.7	97.2	85.1
120	162.8	158.4	152.5	145.3	136.9	127.5	117.1	105.7	94.1	81.8
125	162.8	157.8	151.5	143.9	135.1	125.3	114.6	103.0	91.2	78.9
130	162.8	157.3	150.5	142.4	133.3	123.2	112.2	100.6	88.6	76.3
135	162.8	156.8	149.7	141.2	131.7	121.4	110.1	98.3	86.3	74.0
140	162.8	156.4	148.8	140.0	130.3	119.6	108.2	96.4	84.2	72.0
145	162.8	155.9	148.0	139.0	129.0	118.2	106.6	94.6	82.5	70.4
150	162.8	155.6	147.4	138.1	127.8	116.9	105.1	93.2	81.0	69.0
155	162.8	155.3	146.9	137.3	126.9	115.8	103.9	91.9	79.8	67.9
160	162.8	155.0	146.3	136.7	126.1	114.9	102.9	90.9	78.8	67.0
165	162.8	154.8	146.0	136.2	125.4	114.1	102.2	90.1	78.0	66.3
170	162.8	154.6	145.7	135.8	125.0	113.5	101.6	89.5	77.4	65.8
175	162.8	154.6	145.6	135.6	124.7	113.2	101.3	89.2	77.1	65.5
180	162.8	154.5	145.5	135.5	124.6	113.1	101.1	89.0	77.0	65.4
185	162.8	154.5	145.5	135.5	124.6	113.1	101.2	89.1	77.0	65.4
190	162.8	154.6	145.6	135.7	124.8	113.4	101.5	89.3	77.2	65.7
195	162.8	154.7	145.8	136.0	125.3	113.8	101.9	89.8	77.7	66.1
200	162.8	154.9	146.2	136.5	125.8	114.6	102.6	90.5	78.4	66.6
205	162.8	155.2	146.6	137.0	126.6	115.4	103.5	91.4	79.3	67.5
210	162.8	155.4	147.1	137.8	127.4	116.4	104.6	92.6	80.5	68.4
215	162.8	155.7	147.8	138.6	128.5	117.7	106.0	94.0	81.8	69.7
220	162.8	156.1	148.4	139.6	129.7	119.1	107.6	95.7	83.5	71.2
225	162.8	156.5	149.2	140.7	131.2	120.7	109.4	97.5	85.4	73.1
230	162.8	157.0	150.1	141.9	132.7	122.5	111.4	99.7	87.7	75.2
235	162.8	157.4	151.0	143.3	134.5	124.5	113.7	102.2	90.2	77.7

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8968WH-2734 4000K

240	162.8	158.0	152.0	144.7	136.4	126.7	116.1	104.9	93.0	80.5
245	162.8	158.5	153.1	146.3	138.2	129.0	118.8	107.8	96.1	83.7
250	162.8	159.2	154.2	148.0	140.4	131.5	121.6	111.0	99.4	87.3
255	162.8	159.7	155.4	149.7	142.5	134.1	124.6	114.4	103.1	91.1
260	162.8	160.4	156.6	151.4	144.8	136.9	128.0	117.9	107.0	95.3
265	162.8	161.0	157.8	153.3	147.2	139.7	131.3	121.7	111.1	99.7
270	162.8	161.6	159.1	155.1	149.5	142.6	134.7	125.5	115.4	104.2
275	162.8	162.3	160.5	157.0	152.0	145.6	138.1	129.5	119.7	109.0
280	162.8	162.9	161.8	158.8	154.4	148.6	141.7	133.4	124.2	113.8
285	162.8	163.6	163.0	160.7	156.9	151.6	145.2	137.4	128.6	118.8
290	162.8	164.3	164.3	162.6	159.4	154.6	148.7	141.5	133.1	123.9
295	162.8	164.9	165.4	164.3	161.8	157.6	152.2	145.4	137.5	128.8
300	162.8	165.5	166.7	166.1	164.1	160.6	155.6	149.4	142.0	133.7
305	162.8	166.0	167.8	167.8	166.3	163.5	159.0	153.2	146.2	138.4
310	162.8	166.6	168.8	169.4	168.5	166.1	162.1	156.9	150.4	142.9
315	162.8	167.1	169.8	170.9	170.5	168.6	165.2	160.4	154.3	147.3
320	162.8	167.6	170.7	172.3	172.3	171.0	168.0	163.7	158.0	151.4
325	162.8	168.0	171.6	173.6	174.0	173.1	170.6	166.7	161.5	155.2
330	162.8	168.4	172.3	174.7	175.6	175.1	172.9	169.4	164.8	158.7
335	162.8	168.7	173.0	175.7	176.9	176.7	174.9	171.8	167.5	161.7
340	162.8	169.1	173.5	176.4	178.0	178.1	176.7	173.8	169.8	164.3
345	162.8	169.2	173.9	177.2	178.9	179.2	178.0	175.4	171.6	166.4
350	162.8	169.4	174.3	177.6	179.6	180.0	179.1	176.6	172.9	167.9
355	162.8	169.5	174.4	177.9	180.0	180.6	179.6	177.3	173.8	168.8
360	162.8	169.5	174.5	178.1	180.2	180.8	179.8	177.6	174.0	169.2

C\G	50	55	60	65	70	75	80	85	90
0	163.0	155.6	147.2	137.7	127.7	116.8	103.6	84.3	68.3
5	162.7	155.3	146.9	137.4	127.3	116.6	103.3	84.0	68.2
10	161.8	154.3	145.9	136.3	126.2	115.4	102.4	83.1	67.3
15	160.3	152.7	144.2	134.4	124.3	113.5	100.3	81.4	65.5
20	158.1	150.4	141.7	131.9	121.6	110.8	97.7	79.0	63.1
25	155.4	147.5	138.7	128.6	118.3	107.4	94.3	76.1	60.1
30	152.2	144.1	135.0	124.9	114.3	103.4	90.4	72.7	56.6
35	148.5	140.1	130.9	120.5	109.8	98.8	86.0	69.2	53.1
40	144.5	135.8	126.2	115.6	104.7	93.6	81.2	65.5	49.4
45	140.0	131.0	120.9	110.4	99.3	87.9	75.5	60.4	44.7
50	135.4	126.0	115.6	104.7	93.4	81.7	69.3	54.6	39.3
55	130.5	120.8	110.0	98.8	87.2	75.2	62.8	48.5	33.7
60	125.4	115.4	104.2	92.7	80.8	68.2	55.9	42.0	27.8
65	120.3	109.9	98.4	86.6	74.2	61.3	48.8	35.4	22.0
70	115.1	104.2	92.5	80.3	67.8	54.4	41.7	28.9	16.6
75	109.9	98.7	86.6	74.1	61.2	47.6	34.6	22.6	12.0
80	104.6	93.1	80.7	68.0	54.8	41.0	27.9	16.1	6.8
85	99.5	87.7	74.9	61.9	48.6	34.6	21.7	10.3	2.7
90	94.5	82.3	69.3	56.1	42.6	28.9	16.3	5.9	0.7
95	89.5	77.1	63.9	50.6	37.2	23.8	12.1	3.5	0.6
100	84.8	72.1	58.9	45.6	32.2	19.9	9.5	2.8	0.6

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8968WH-2734 4000K

105	80.3	67.4	54.3	41.3	28.6	17.3	8.3	2.7	0.6
110	76.3	63.3	50.4	37.8	25.9	15.6	7.7	2.5	0.6
115	72.6	59.7	47.1	35.0	23.9	14.6	7.4	2.3	0.6
120	69.3	56.6	44.4	32.9	22.6	13.9	7.2	2.1	0.6
125	66.3	53.9	42.2	31.3	21.6	13.5	7.0	2.1	0.6
130	63.8	51.8	40.5	30.1	20.9	13.3	6.8	1.9	0.6
135	61.8	50.0	39.1	29.2	20.5	13.0	6.6	1.9	0.6
140	60.0	48.6	38.1	28.4	20.1	12.9	6.5	1.8	0.6
145	58.6	47.4	37.2	28.0	19.9	12.6	6.3	1.7	0.6
150	57.4	46.6	36.5	27.5	19.6	12.5	6.2	1.6	0.6
155	56.4	45.8	36.0	27.2	19.5	12.4	6.1	1.5	0.6
160	55.7	45.2	35.6	27.0	19.3	12.2	6.0	1.5	0.6
165	55.2	44.8	35.3	26.8	19.2	12.1	6.0	1.4	0.6
170	54.8	44.5	35.1	26.7	19.1	12.0	5.9	1.4	0.6
175	54.5	44.3	34.9	26.6	19.1	12.0	5.9	1.4	0.6
180	54.4	44.2	34.9	26.6	19.0	11.9	5.8	1.4	0.5
185	54.4	44.3	34.9	26.5	19.0	12.0	5.8	1.4	0.5
190	54.6	44.4	34.9	26.6	19.0	12.0	5.8	1.5	0.6
195	54.9	44.6	35.1	26.7	19.1	12.0	5.8	1.5	0.6
200	55.4	44.9	35.3	26.8	19.1	12.0	5.9	1.5	0.5
205	56.0	45.4	35.7	26.9	19.2	12.2	6.0	1.5	0.6
210	56.9	46.1	36.1	27.2	19.4	12.2	6.0	1.5	0.6
215	57.9	46.9	36.7	27.5	19.5	12.4	6.1	1.6	0.6
220	59.2	47.9	37.5	28.0	19.7	12.5	6.2	1.6	0.6
225	60.9	49.2	38.4	28.6	20.0	12.7	6.3	1.7	0.6
230	62.8	50.9	39.6	29.4	20.4	12.9	6.5	1.8	0.6
235	65.2	52.9	41.1	30.4	21.0	13.1	6.6	1.9	0.6
240	67.9	55.4	43.1	31.8	21.8	13.4	6.8	2.0	0.6
245	71.0	58.3	45.6	33.6	23.0	13.9	7.0	2.1	0.6
250	74.5	61.8	48.7	36.1	24.7	14.7	7.2	2.2	0.6
255	78.7	65.8	52.4	39.3	27.1	16.1	7.6	2.4	0.6
260	83.1	70.2	56.8	43.3	30.4	18.3	8.5	2.5	0.6
265	87.8	75.0	61.7	48.4	34.7	21.7	10.3	2.8	0.6
270	92.7	80.2	67.1	53.8	40.0	26.4	13.8	4.2	0.6
275	97.8	85.7	72.7	59.6	45.9	32.0	19.2	7.9	1.5
280	103.0	91.2	78.5	65.7	52.1	38.2	25.2	13.3	4.9
285	108.2	96.8	84.4	71.9	58.5	44.9	31.9	19.7	9.8
290	113.6	102.4	90.4	78.2	65.1	51.7	39.0	26.1	14.4
295	118.9	108.0	96.4	84.5	71.7	58.7	46.2	32.6	18.8
300	124.1	113.7	102.7	90.8	78.4	65.7	53.5	39.4	24.7
305	129.2	119.2	108.6	97.0	85.0	72.6	60.6	46.1	30.7
310	134.2	124.5	114.3	103.0	91.3	79.3	67.4	52.4	36.4
315	139.0	129.7	119.8	108.8	97.4	86.1	73.8	58.3	42.0
320	143.5	134.5	124.9	114.3	103.1	92.0	79.8	63.7	46.9
325	147.6	139.0	129.6	119.3	108.3	97.4	84.8	67.6	50.8
330	151.4	143.0	134.0	123.9	113.1	102.1	89.2	71.0	54.0
335	154.7	146.7	137.8	127.8	117.1	106.3	93.4	74.6	57.9
340	157.6	149.7	141.0	131.2	120.7	109.9	96.9	77.9	61.2
345	159.8	152.2	143.6	133.9	123.6	112.8	99.8	80.5	64.0

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8968WH-2734 4000K

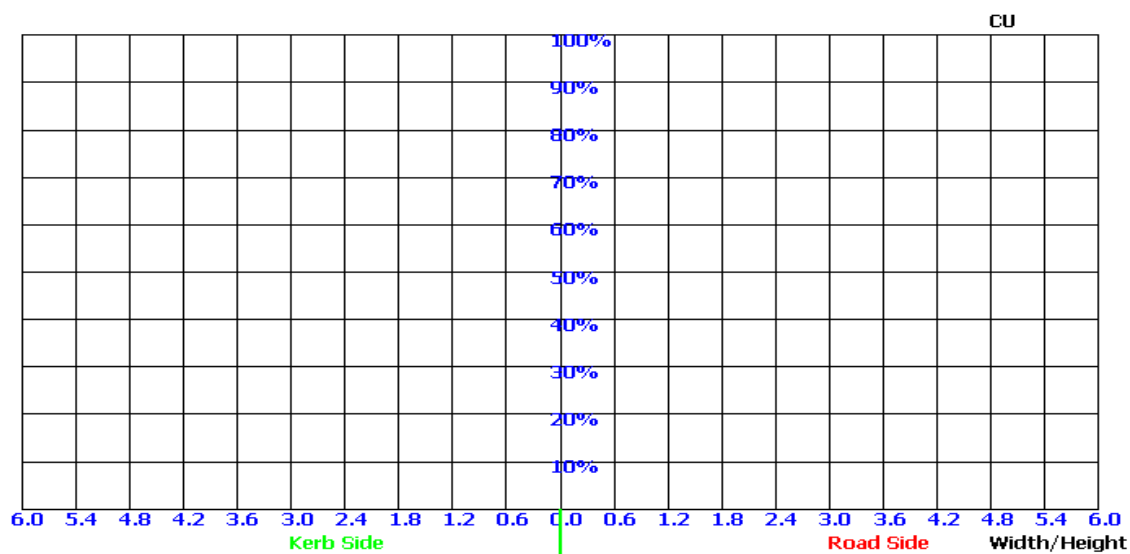
350	161.6	154.0	145.5	136.0	125.7	115.0	101.9	82.5	66.2
355	162.6	155.1	146.7	137.2	127.1	116.4	103.1	83.8	67.6
360	163.0	155.6	147.2	137.7	127.7	116.8	103.6	84.3	68.3

RP Lighting • Fans

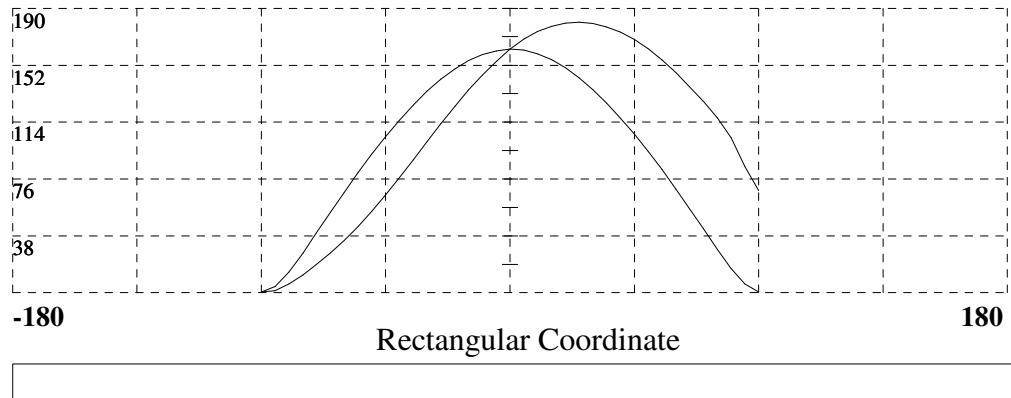
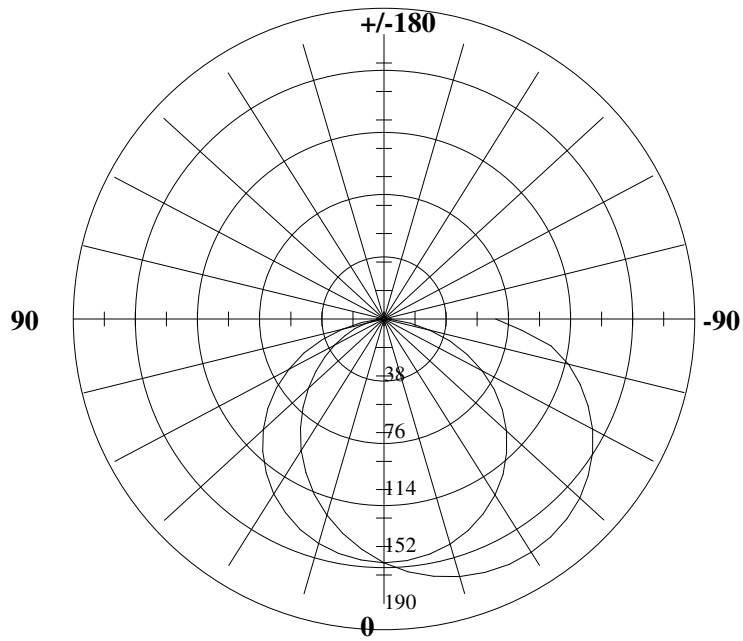
Zonal Flux 8968WH-2734 4000K

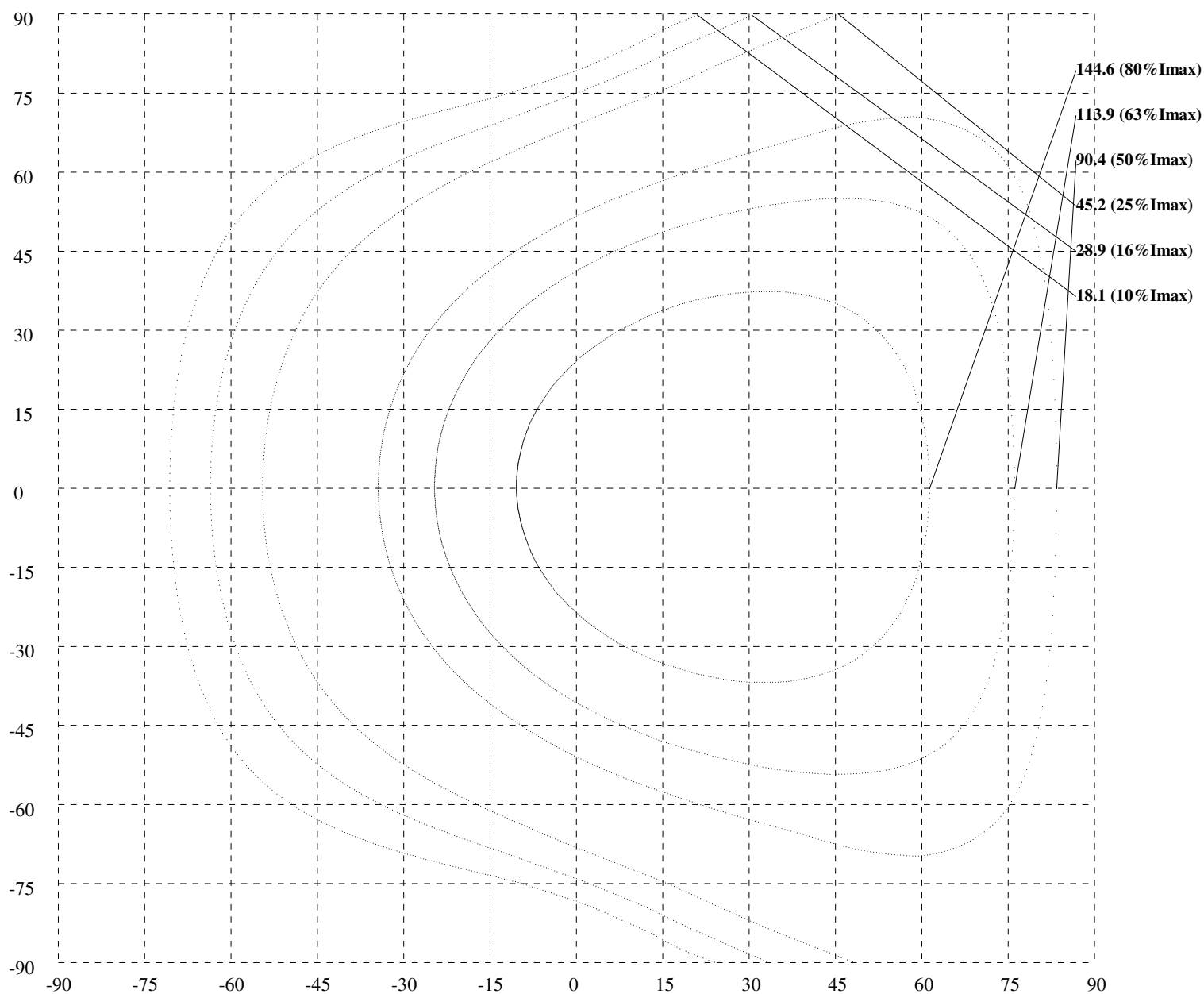
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	162.78	0.00	0.00	0.00	0.00
5	161.96	3.88	3.88	-388.23	-388.23
10	159.70	11.51	15.39	-1150.69	-1538.92
15	156.05	18.73	34.12	-1873.02	-3411.93
20	151.12	25.32	59.43	-2531.53	-5943.46
25	144.97	31.05	90.49	-3105.40	-9048.86
30	137.71	35.77	126.26	-3577.35	-12626.21
35	129.53	39.35	165.62	-3935.34	-16561.55
40	120.55	41.72	207.34	-4172.33	-20733.88
45	110.90	42.85	250.19	-4285.48	-25019.35
50	100.75	42.77	292.96	-4276.78	-29296.12
55	90.25	41.53	334.49	-4152.98	-33449.10
60	79.53	39.24	373.73	-3924.35	-37373.45
65	68.80	36.06	409.79	-3605.89	-40979.35
70	58.24	32.17	441.96	-3216.74	-44196.09
75	47.97	27.76	469.72	-2776.23	-46972.33
80	37.99	23.00	492.72	-2300.04	-49272.36
85	27.62	17.83	510.55	-1782.66	-51055.02
90	19.86	13.00	523.55	-1299.97	-52355.00

RP Lighting • Fans
Coefficient Utilization Curve 8968WH-2734 4000K

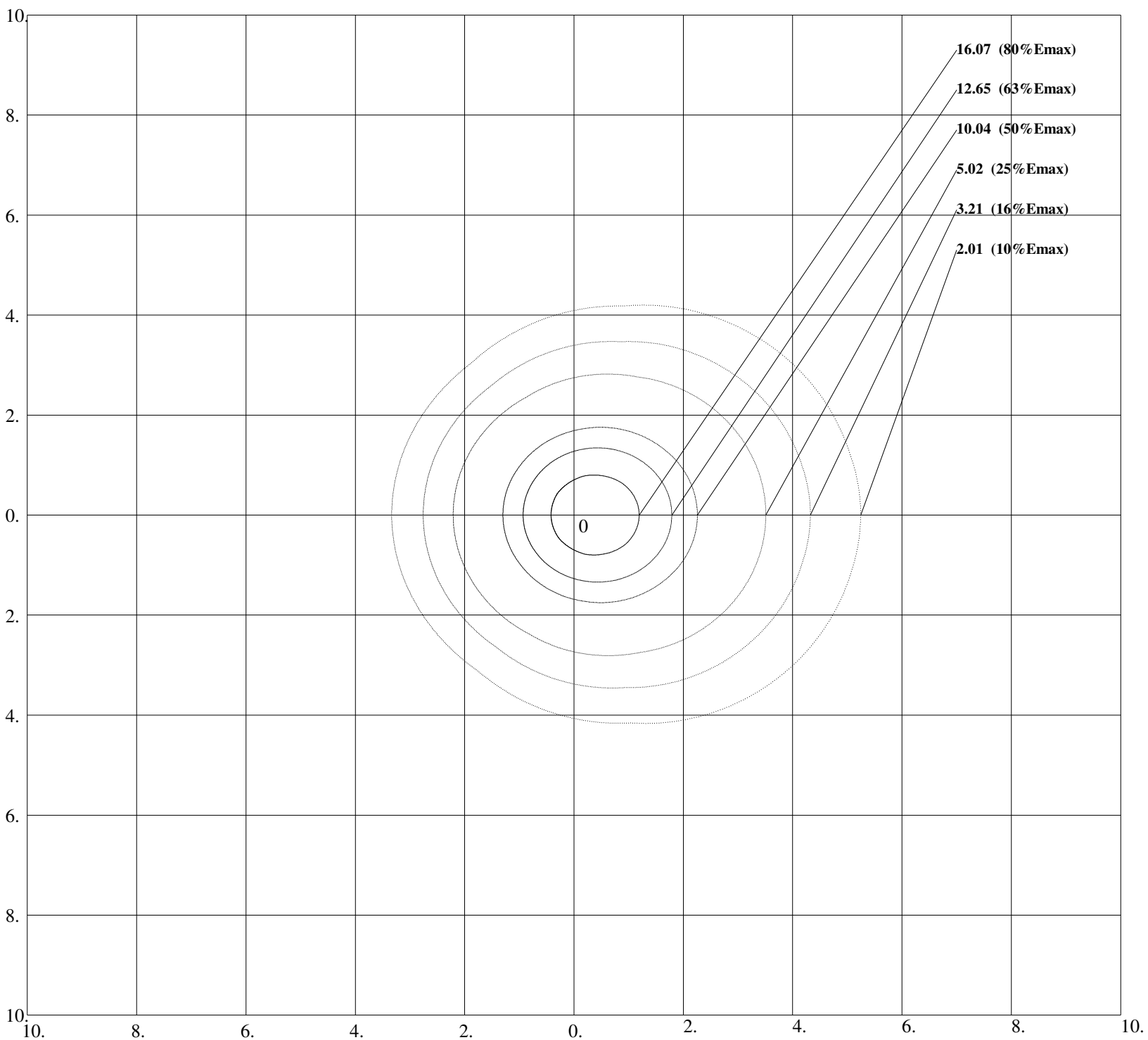


Light Distribution Curve[Unit: cd]





Iso-Lux [Unit :lx] 8968WH-2734 4000K



Units: lx
Height: 3 m
Max Illuminance : 20.09lx

RP Lighting • Fans
Lux-Distance Curve

