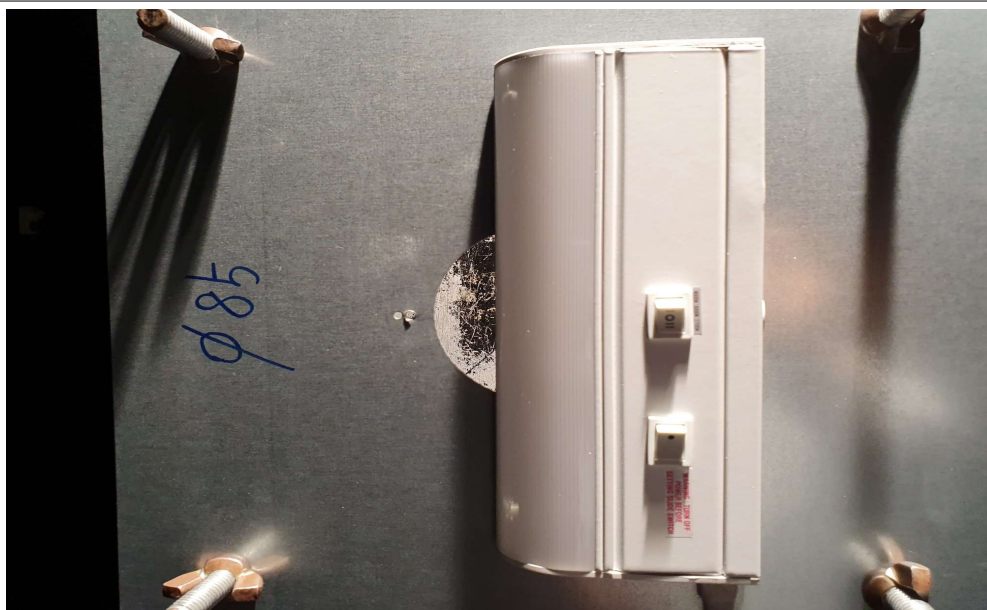


Test Report of Luminaire

Report No.:

Luminaire Type	8966WH-2734 2700K		
Lamp Type	LED		
Client		EUT NO.	CCT: 2649K, CRI: 93.1Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.032
Power:	3.7	Power Factor	0.951
Frequency:	60Hz	Tc	2700K
Photometric Parameters			
Luminaire Flux	313.77 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	82.614cd	Central Intensity	75.064cd
Angle of Max Intensity:	C:300 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-31377.14%		
50%Imax Beam Width	C0_180[84.4 , -77.6] C90_270[36.2 , -84.4]		
Remark			

Luminaire Figure



RP Lighting • Fans

Photometric Data Table [Unit:cd] 8966WH-2734 2700K

C\G	0	5	10	15	20	25	30	35	40	45
0	75.1	78.0	79.9	81.4	82.5	82.6	82.0	80.9	79.1	76.8
5	75.1	77.9	79.9	81.4	82.3	82.4	81.7	80.6	78.7	76.5
10	75.1	77.8	79.7	81.0	81.8	81.7	80.9	79.7	77.7	75.3
15	75.1	77.6	79.3	80.4	81.0	80.7	79.7	78.2	76.0	73.2
20	75.1	77.4	78.7	79.6	79.8	79.1	77.8	76.1	73.6	70.6
25	75.1	77.0	78.0	78.5	78.4	77.4	75.8	73.6	70.7	67.5
30	75.1	76.7	77.3	77.3	76.8	75.3	73.2	70.7	67.6	63.9
35	75.1	76.2	76.4	76.0	75.0	73.1	70.5	67.7	64.1	60.1
40	75.1	75.7	75.5	74.5	73.1	70.8	67.8	64.6	60.6	56.2
45	75.1	75.2	74.5	73.1	71.2	68.4	65.1	61.3	57.0	52.3
50	75.1	74.6	73.4	71.6	69.2	66.0	62.3	58.1	53.6	48.6
55	75.1	74.2	72.4	70.1	67.4	63.7	59.6	55.1	50.2	45.0
60	75.1	73.6	71.5	68.7	65.6	61.5	57.1	52.3	47.2	41.7
65	75.1	73.2	70.5	67.4	63.9	59.5	54.9	49.9	44.5	39.0
70	75.1	72.7	69.7	66.3	62.4	57.8	52.9	47.8	42.3	36.7
75	75.1	72.3	69.0	65.2	61.1	56.3	51.2	46.0	40.4	34.8
80	75.1	72.0	68.4	64.4	60.0	55.0	49.9	44.5	39.0	33.4
85	75.1	71.7	67.8	63.7	59.1	54.1	48.7	43.4	37.9	32.4
90	75.1	71.5	67.5	63.2	58.5	53.4	48.0	42.6	37.1	31.6
95	75.1	71.4	67.3	62.8	58.1	52.9	47.5	42.1	36.6	31.2
100	75.1	71.4	67.3	62.7	58.0	52.8	47.4	42.0	36.4	31.0
105	75.1	71.4	67.3	62.8	58.1	52.9	47.5	42.1	36.6	31.1
110	75.1	71.4	67.4	63.1	58.4	53.2	47.9	42.5	37.0	31.5
115	75.1	71.6	67.8	63.6	59.0	53.9	48.6	43.2	37.7	32.1
120	75.1	71.9	68.3	64.2	59.8	54.8	49.6	44.2	38.7	33.1
125	75.1	72.2	68.8	65.0	60.8	56.1	51.0	45.6	40.1	34.5
130	75.1	72.6	69.4	66.0	62.1	57.5	52.6	47.4	41.9	36.3
135	75.1	73.0	70.3	67.2	63.6	59.3	54.5	49.5	44.1	38.6
140	75.1	73.5	71.2	68.4	65.2	61.2	56.8	52.0	46.8	41.3
145	75.1	74.0	72.1	69.8	67.0	63.4	59.3	54.7	49.8	44.5
150	75.1	74.4	73.2	71.2	68.9	65.7	62.0	57.8	53.1	48.1
155	75.1	75.0	74.2	72.7	70.9	68.1	64.7	61.0	56.6	51.9
160	75.1	75.6	75.2	74.3	72.8	70.5	67.5	64.1	60.1	55.7
165	75.1	76.1	76.2	75.8	74.7	72.8	70.3	67.4	63.7	59.7
170	75.1	76.6	77.2	77.1	76.5	75.1	73.0	70.4	67.2	63.6
175	75.1	77.0	78.0	78.3	78.2	77.2	75.6	73.3	70.4	67.1
180	75.1	77.3	78.7	79.4	79.6	79.0	77.8	75.9	73.3	70.3
185	75.1	77.6	79.2	80.3	80.8	80.5	79.5	78.0	75.7	73.0
190	75.1	77.8	79.7	81.0	81.7	81.6	80.9	79.6	77.5	75.1
195	75.1	78.0	79.9	81.3	82.3	82.3	81.7	80.6	78.6	76.4
200	75.1	78.0	80.0	81.4	82.4	82.5	82.0	80.9	79.0	76.8
205	75.1	78.0	80.0	81.4	82.4	82.5	82.0	80.9	79.0	76.8
210	75.1	78.0	79.9	81.4	82.3	82.5	82.0	80.9	79.0	76.8
215	75.1	78.0	80.0	81.4	82.4	82.6	82.0	80.9	79.0	76.8
220	75.1	78.0	79.9	81.5	82.4	82.5	82.0	80.8	79.0	76.8
225	75.1	78.0	79.9	81.5	82.4	82.5	82.1	80.9	79.1	76.8
230	75.1	78.0	79.9	81.5	82.5	82.6	82.0	80.9	79.1	76.8
235	75.1	78.0	79.9	81.5	82.4	82.5	82.0	80.9	79.1	76.8

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8966WH-2734 2700K

240	75.1	78.0	79.8	81.5	82.4	82.6	82.1	80.9	79.1	76.8
245	75.1	78.0	80.0	81.5	82.4	82.6	82.0	80.9	79.1	76.8
250	75.1	78.0	79.9	81.5	82.4	82.5	82.1	80.9	79.1	76.8
255	75.1	78.0	80.0	81.5	82.4	82.6	82.0	80.9	79.2	76.8
260	75.1	77.9	80.0	81.6	82.4	82.5	82.0	80.9	79.1	76.8
265	75.1	77.9	80.0	81.5	82.5	82.5	82.0	80.9	79.1	76.8
270	75.1	78.0	80.0	81.5	82.4	82.6	82.0	80.9	79.2	76.8
275	75.1	78.0	80.0	81.6	82.4	82.6	82.0	80.9	79.1	76.8
280	75.1	78.0	79.9	81.6	82.4	82.5	82.1	80.9	79.2	76.8
285	75.1	78.0	80.0	81.6	82.4	82.6	82.0	80.9	79.2	76.8
290	75.1	78.0	79.9	81.7	82.4	82.6	82.0	80.9	79.1	76.8
295	75.1	78.0	80.0	81.6	82.4	82.6	82.0	80.9	79.2	76.8
300	75.1	78.0	79.9	81.6	82.4	82.6	82.0	80.9	79.2	76.8
305	75.1	78.0	80.0	81.6	82.4	82.6	82.0	80.9	79.1	76.8
310	75.1	77.9	80.0	81.5	82.4	82.6	81.9	80.9	79.2	76.8
315	75.1	78.0	79.9	81.5	82.4	82.6	82.0	80.9	79.1	76.8
320	75.1	78.0	79.9	81.6	82.4	82.5	82.1	80.8	79.2	76.8
325	75.1	78.0	79.9	81.6	82.4	82.5	82.0	80.9	79.0	76.8
330	75.1	77.8	79.9	81.6	82.4	82.5	82.0	80.9	79.1	76.8
335	75.1	77.8	79.9	81.5	82.4	82.5	82.1	80.9	79.1	76.8
340	75.1	77.8	79.9	81.5	82.4	82.6	82.0	80.9	79.1	76.8
345	75.1	77.8	80.0	81.6	82.4	82.6	81.9	80.9	79.1	76.8
350	75.1	77.8	80.0	81.6	82.4	82.6	82.0	80.9	79.2	76.8
355	75.1	77.8	80.0	81.6	82.4	82.5	82.0	80.9	79.1	76.8
360	75.1	78.0	79.9	81.4	82.5	82.6	82.0	80.9	79.1	76.8

C\G	50	55	60	65	70	75	80	85	90
0	73.9	70.5	66.7	62.6	58.1	53.7	48.8	40.3	32.1
5	73.5	70.1	66.3	62.1	57.6	53.1	48.1	39.5	31.4
10	72.2	68.6	64.7	60.3	55.7	51.0	45.4	36.6	28.9
15	69.9	66.3	62.2	57.7	52.9	48.1	42.5	34.0	26.2
20	67.1	63.2	58.8	54.2	49.2	44.2	38.7	30.6	22.8
25	63.6	59.4	54.8	50.0	44.8	39.6	34.0	26.4	18.8
30	59.7	55.2	50.4	45.3	39.9	34.3	28.8	21.5	14.3
35	55.6	50.8	45.7	40.3	34.6	28.9	23.2	16.8	10.6
40	51.4	46.3	40.9	35.3	29.4	23.3	17.5	11.9	7.0
45	47.2	41.9	36.2	30.4	24.3	18.0	12.0	6.6	2.8
50	43.2	37.6	31.7	25.7	19.5	13.2	7.5	2.8	0.5
55	39.3	33.6	27.6	21.6	15.5	9.7	4.8	1.6	0.6
60	35.9	30.2	24.2	18.4	12.8	7.7	3.9	1.5	0.5
65	33.2	27.4	21.7	16.2	11.1	6.9	3.7	1.4	0.5
70	30.9	25.3	19.8	14.8	10.2	6.4	3.6	1.3	0.5
75	29.2	23.7	18.6	13.9	9.7	6.3	3.5	1.2	0.5
80	27.9	22.7	17.8	13.3	9.4	6.2	3.5	1.2	0.5
85	27.0	21.9	17.2	13.0	9.3	6.1	3.4	1.1	0.5
90	26.3	21.4	16.9	12.8	9.2	6.1	3.4	1.1	0.5
95	26.0	21.1	16.7	12.6	9.1	6.1	3.3	1.1	0.5
100	25.8	21.0	16.6	12.6	9.1	6.1	3.3	1.0	0.5

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8966WH-2734 2700K

105	25.9	21.1	16.6	12.6	9.1	6.0	3.3	1.0	0.5
110	26.3	21.3	16.7	12.7	9.1	6.1	3.3	1.0	0.5
115	26.8	21.7	17.0	12.8	9.2	6.0	3.3	1.1	0.5
120	27.7	22.4	17.5	13.1	9.3	6.1	3.4	1.1	0.5
125	28.9	23.5	18.3	13.6	9.5	6.1	3.4	1.2	0.5
130	30.6	25.0	19.5	14.5	10.0	6.3	3.4	1.2	0.5
135	32.9	27.1	21.3	15.8	10.8	6.6	3.5	1.3	0.5
140	35.7	29.8	23.9	17.9	12.4	7.5	3.7	1.4	0.5
145	39.0	33.2	27.2	21.1	15.1	9.4	4.6	1.5	0.6
150	42.9	37.2	31.3	25.2	19.0	13.0	7.2	2.6	0.6
155	46.9	41.5	35.8	29.8	23.8	17.7	11.7	6.3	2.5
160	51.1	46.0	40.5	34.8	29.0	23.1	17.2	11.5	6.7
165	55.4	50.5	45.3	39.8	34.2	28.7	23.0	16.3	10.1
170	59.5	54.9	50.0	44.8	39.5	34.2	28.5	21.1	13.5
175	63.4	59.2	54.5	49.6	44.5	39.4	33.8	25.9	18.0
180	67.0	63.0	58.5	53.9	48.9	44.2	38.6	30.1	22.0
185	69.9	66.2	62.0	57.4	52.7	48.0	42.5	33.6	25.5
190	72.1	68.6	64.6	60.1	55.6	51.0	45.4	36.2	28.3
195	73.5	70.1	66.2	61.9	57.5	53.2	48.3	39.6	31.5
200	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
205	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
210	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.1
215	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
220	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.1
225	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
230	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
235	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
240	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
245	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
250	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
255	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
260	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
265	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.0
270	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
275	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.0
280	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.0
285	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
290	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
295	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
300	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
305	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
310	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.1
315	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.1
320	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.2	32.0
325	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
330	73.9	70.5	66.8	62.5	58.1	53.7	48.9	40.3	32.0
335	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
340	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
345	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0

RP Lighting • Fans

Photometric Data Table [Unit:cd] 8966WH-2734 2700K

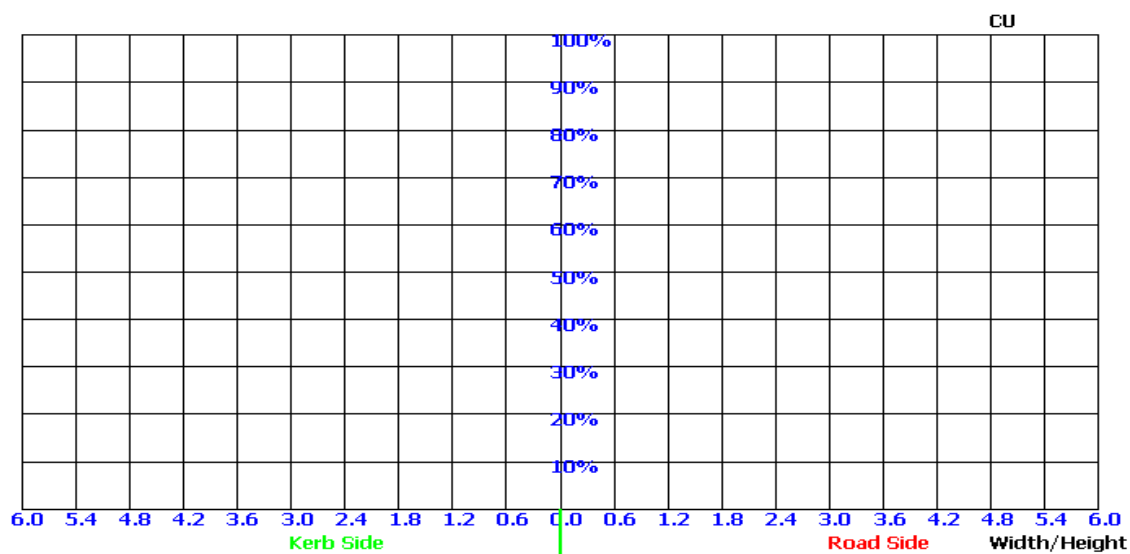
350	73.9	70.5	66.7	62.5	58.1	53.7	48.8	40.3	32.0
355	73.9	70.5	66.7	62.5	58.1	53.7	48.9	40.3	32.0
360	73.9	70.5	66.7	62.6	58.1	53.7	48.8	40.3	32.1

RP Lighting • Fans

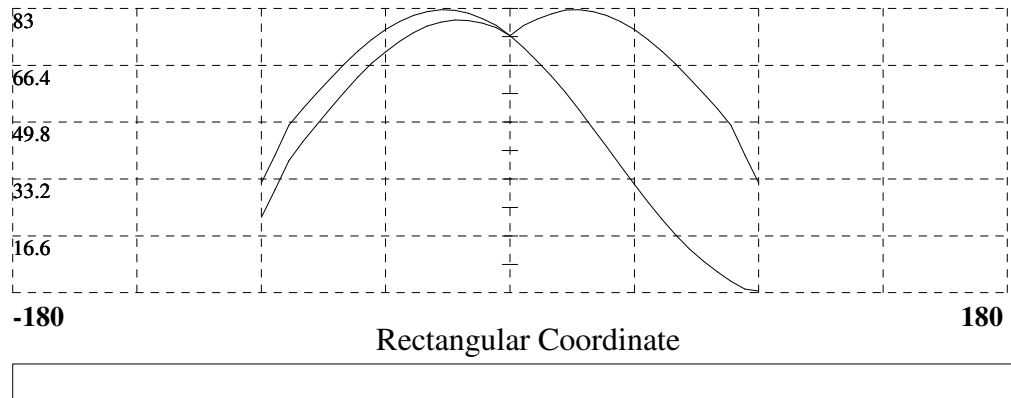
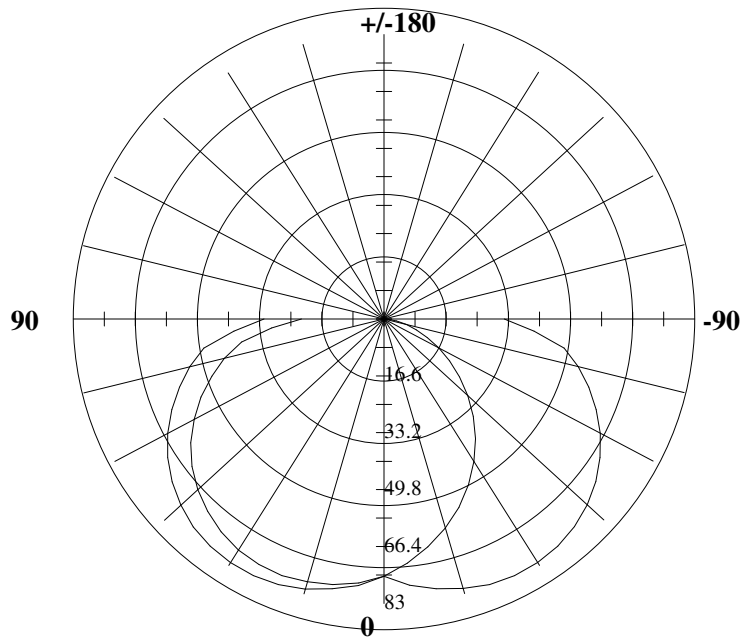
Zonal Flux 8966WH-2734 2700K

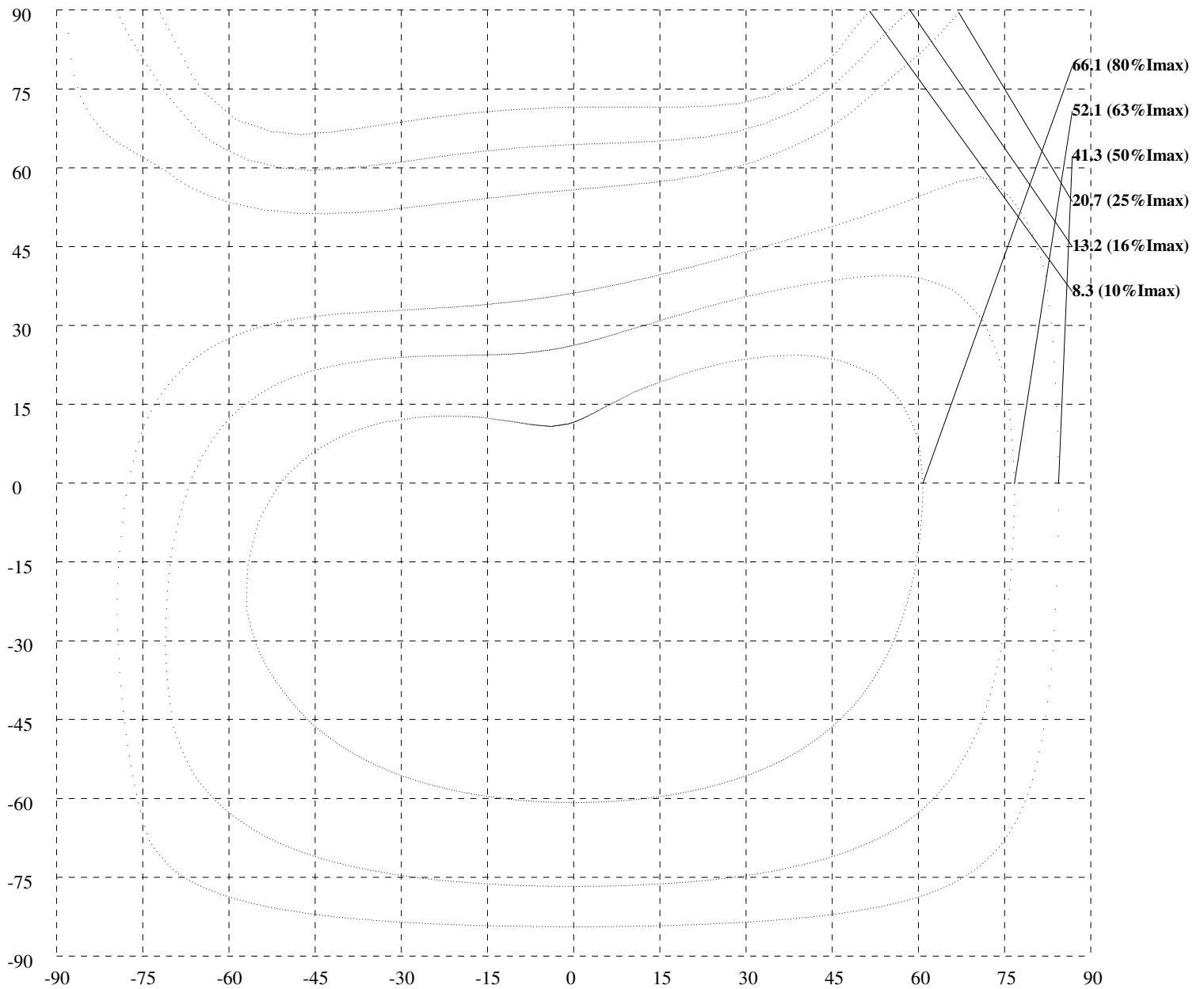
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	75.06	0.00	0.00	0.00	0.00
5	76.11	1.81	1.81	-180.72	-180.72
10	76.34	5.45	7.26	-545.35	-726.08
15	76.11	9.04	16.30	-904.32	-1630.40
20	75.32	12.48	28.78	-1248.05	-2878.45
25	73.77	15.64	44.42	-1563.73	-4442.18
30	71.67	18.41	62.83	-1840.58	-6282.76
35	69.10	20.73	83.56	-2072.93	-8355.69
40	65.99	22.54	106.10	-2253.89	-10609.58
45	62.49	23.79	129.88	-2378.91	-12988.49
50	58.61	24.47	154.35	-2446.90	-15435.41
55	54.40	24.57	178.92	-2457.03	-17892.44
60	49.96	24.12	203.05	-2412.23	-20304.66
65	45.35	23.17	226.22	-2316.98	-22621.65
70	40.70	21.79	248.00	-2178.77	-24800.43
75	36.21	20.10	268.11	-2010.24	-26810.66
80	31.59	18.14	286.25	-1814.15	-28624.81
85	25.02	15.38	301.63	-1538.41	-30163.20
90	19.31	12.14	313.77	-1213.94	-31377.15

RP Lighting • Fans
Coefficient Utilization Curve 8966WH-2734 2700K

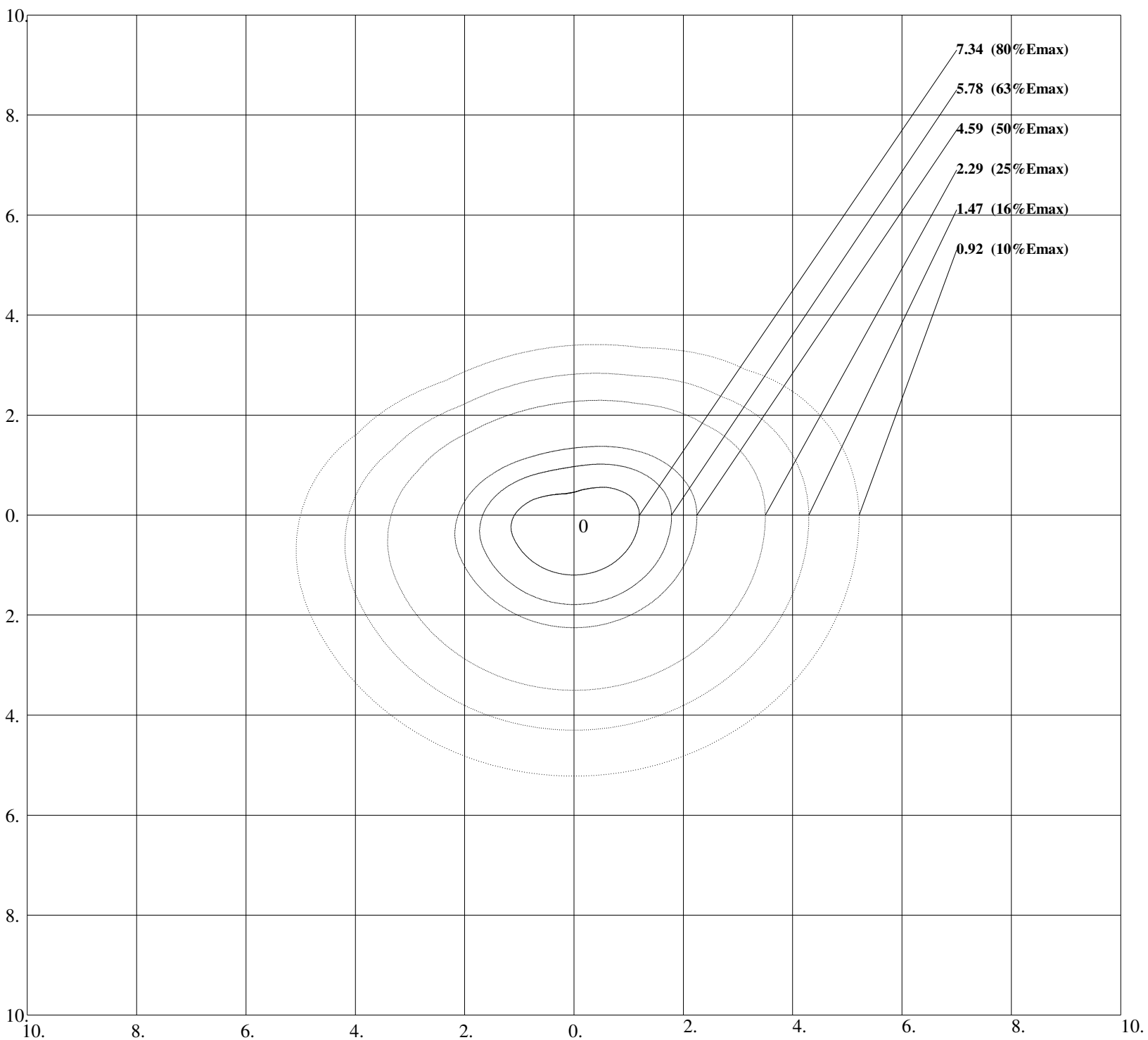


Light Distribution Curve[Unit: cd]





Iso-Lux [Unit :lx] 8966WH-2734 2700K



Units: lx
Height: 3 m
Max Illuminance : 9.18lx

RP Lighting • Fans
Lux-Distance Curve

