

RP Lighting + Fans

4931 Paseo Del Norte NE

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Test Report of Luminaire

Report No.:

Luminaire Type	8967WH-5CCT 3500K		
Lamp Type	LED		
Client		EUT NO.	CCT: 3325K, CRI: 95.6Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.038
Power:	4.5	Power Factor	0.981
Frequency:	60Hz	Tc	3500K
Photometric Parameters			
Luminaire Flux	319.05 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	110.452cd	Central Intensity	98.724cd
Angle of Max Intensity:	C:180 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-31905.25%		
50%Imax Beam Width	C0_180[34.5 , -83.6] C90_270[50.9 , -51.3]		
Remark			

Luminaire Figure



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Photometric Data Table [Unit:cd] 8967WH-5CCT 3500K

C\G	0	5	10	15	20	25	30	35	40	45
0	98.7	93.8	88.2	82.1	75.5	68.6	61.6	54.5	47.4	40.5
5	98.7	93.8	88.3	82.1	75.6	68.7	61.7	54.5	47.4	40.5
10	98.7	93.9	88.4	82.2	75.7	68.9	61.8	54.7	47.6	40.7
15	98.7	93.9	88.5	82.4	76.0	69.2	62.2	55.0	47.9	40.9
20	98.7	94.0	88.7	82.7	76.3	69.6	62.6	55.4	48.3	41.3
25	98.7	94.1	89.0	83.1	76.8	70.1	63.1	56.0	48.9	41.8
30	98.7	94.3	89.3	83.6	77.3	70.7	63.8	56.7	49.6	42.4
35	98.7	94.5	89.7	84.1	78.0	71.5	64.6	57.5	50.4	43.2
40	98.7	94.8	90.1	84.8	78.8	72.4	65.6	58.5	51.4	44.1
45	98.7	95.0	90.6	85.4	79.6	73.3	66.6	59.7	52.5	45.2
50	98.7	95.3	91.1	86.2	80.6	74.4	67.8	61.0	53.8	46.4
55	98.7	95.6	91.7	87.0	81.6	75.6	69.2	62.4	55.2	47.9
60	98.7	95.9	92.3	87.9	82.7	76.9	70.7	64.0	56.9	49.6
65	98.7	96.3	93.0	88.9	83.9	78.4	72.3	65.7	58.7	51.5
70	98.7	96.6	93.7	89.9	85.2	79.9	74.1	67.6	60.7	53.6
75	98.7	97.0	94.4	90.9	86.6	81.5	75.9	69.6	62.9	55.8
80	98.7	97.4	95.1	92.0	88.0	83.2	77.8	71.7	65.2	58.3
85	98.7	97.8	95.8	93.1	89.4	84.9	79.8	74.0	67.7	60.9
90	98.7	98.2	96.7	94.2	90.9	86.7	81.9	76.3	70.2	63.7
95	98.7	98.5	97.4	95.4	92.4	88.5	84.0	78.7	72.8	66.6
100	98.7	98.9	98.3	96.6	93.9	90.5	86.2	81.2	75.7	69.4
105	98.7	99.3	99.0	97.7	95.4	92.4	88.4	83.6	78.4	72.4
110	98.7	99.7	99.8	98.9	96.9	94.2	90.5	86.1	81.1	75.4
115	98.7	100.1	100.5	100.0	98.4	96.1	92.7	88.6	83.9	78.3
120	98.7	100.5	101.3	101.1	99.9	97.9	94.8	91.0	86.6	81.3
125	98.7	100.8	102.0	102.1	101.3	99.6	96.9	93.4	89.2	84.2
130	98.7	101.1	102.6	103.1	102.6	101.2	98.9	95.6	91.8	87.1
135	98.7	101.5	103.2	104.0	103.8	102.8	100.8	97.9	94.3	89.8
140	98.7	101.7	103.7	104.9	105.1	104.2	102.5	99.9	96.6	92.4
145	98.7	102.0	104.3	105.6	106.1	105.6	104.1	101.9	98.7	94.7
150	98.7	102.2	104.7	106.4	107.1	106.8	105.6	103.6	100.7	96.9
155	98.7	102.4	105.1	107.0	107.9	107.9	106.9	105.1	102.4	98.8
160	98.7	102.6	105.4	107.5	108.6	108.8	108.0	106.3	103.8	100.4
165	98.7	102.7	105.7	107.9	109.2	109.5	108.8	107.3	104.9	101.7
170	98.7	102.8	105.9	108.2	109.6	110.0	109.5	108.1	105.8	102.6
175	98.7	102.8	106.0	108.4	109.8	110.3	109.9	108.5	106.3	103.2
180	98.7	102.9	106.1	108.4	109.9	110.5	110.0	108.7	106.5	103.4
185	98.7	102.9	106.1	108.4	109.9	110.3	109.9	108.6	106.3	103.3
190	98.7	102.8	105.9	108.2	109.6	110.1	109.6	108.2	105.8	102.7
195	98.7	102.7	105.8	107.9	109.2	109.6	109.0	107.4	105.0	101.8
200	98.7	102.6	105.5	107.6	108.7	108.9	108.1	106.4	103.9	100.6
205	98.7	102.5	105.2	107.0	108.0	108.0	107.0	105.2	102.6	99.0
210	98.7	102.3	104.8	106.4	107.2	107.0	105.8	103.7	100.9	97.2
215	98.7	102.1	104.4	105.8	106.3	105.8	104.3	102.1	99.0	95.0
220	98.7	101.9	103.9	105.0	105.2	104.4	102.7	100.2	96.9	92.7
225	98.7	101.6	103.3	104.1	104.1	103.0	101.0	98.2	94.6	90.1
230	98.7	101.3	102.7	103.2	102.8	101.4	99.1	96.0	92.0	87.4
235	98.7	101.0	102.1	102.2	101.5	99.7	97.1	93.7	89.5	84.6

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Photometric Data Table [Unit:cd] 8967WH-5CCT 3500K

240	98.7	100.6	101.4	101.2	100.1	97.9	95.1	91.4	86.8	81.7
245	98.7	100.3	100.6	100.2	98.7	96.2	93.0	89.0	84.1	78.8
250	98.7	99.9	99.9	99.0	97.2	94.4	90.8	86.5	81.3	75.8
255	98.7	99.5	99.1	97.9	95.7	92.5	88.6	84.0	78.6	72.8
260	98.7	99.1	98.4	96.7	94.2	90.7	86.5	81.6	75.9	69.8
265	98.7	98.7	97.6	95.5	92.7	88.8	84.3	79.1	73.2	67.0
270	98.7	98.3	96.8	94.4	91.0	87.0	82.1	76.7	70.6	64.1
275	98.7	97.9	96.0	93.3	89.6	85.2	80.1	74.2	68.0	61.3
280	98.7	97.5	95.3	92.1	88.1	83.4	78.0	72.0	65.5	58.7
285	98.7	97.1	94.5	91.1	86.7	81.7	76.1	69.8	63.2	56.2
290	98.7	96.7	93.8	90.0	85.4	80.1	74.2	67.8	61.0	53.9
295	98.7	96.3	93.1	89.0	84.1	78.5	72.5	65.9	59.0	51.8
300	98.7	96.0	92.4	88.1	82.8	77.1	70.9	64.2	57.1	49.9
305	98.7	95.7	91.8	87.1	81.7	75.8	69.4	62.5	55.4	48.2
310	98.7	95.4	91.2	86.3	80.7	74.6	68.1	61.1	54.0	46.7
315	98.7	95.1	90.7	85.5	79.7	73.4	66.8	59.8	52.6	45.5
320	98.7	94.8	90.2	84.8	78.9	72.4	65.7	58.6	51.5	44.3
325	98.7	94.6	89.7	84.1	78.1	71.6	64.7	57.6	50.5	43.3
330	98.7	94.4	89.4	83.6	77.4	70.8	63.9	56.7	49.7	42.5
335	98.7	94.2	89.0	83.1	76.8	70.1	63.2	56.0	48.9	41.9
340	98.7	94.0	88.7	82.7	76.4	69.6	62.6	55.5	48.4	41.4
345	98.7	93.9	88.5	82.4	76.0	69.2	62.2	55.0	47.9	41.0
350	98.7	93.8	88.4	82.2	75.7	68.9	61.9	54.7	47.6	40.7
355	98.7	93.8	88.2	82.1	75.6	68.7	61.7	54.5	47.5	40.5
360	98.7	93.8	88.2	82.1	75.5	68.6	61.6	54.5	47.4	40.5

C\G	50	55	60	65	70	75	80	85	90
0	33.9	27.6	21.7	16.3	11.5	6.9	2.8	0.5	0.5
5	33.9	27.6	21.7	16.3	11.5	6.9	2.9	0.5	0.5
10	34.0	27.7	21.8	16.4	11.5	6.9	2.9	0.5	0.5
15	34.2	27.9	21.9	16.5	11.6	7.0	2.9	0.6	0.5
20	34.5	28.2	22.1	16.6	11.6	7.1	3.0	0.6	0.5
25	35.0	28.5	22.4	17.0	11.7	7.2	3.1	0.6	0.5
30	35.5	28.9	22.7	17.0	11.9	7.4	3.2	0.6	0.5
35	36.2	29.5	23.1	17.3	12.1	7.5	3.3	0.7	0.5
40	37.1	30.2	23.7	17.7	12.3	7.7	3.5	0.8	0.5
45	38.1	31.0	24.4	18.2	12.6	7.9	3.7	0.8	0.5
50	39.2	32.0	25.1	18.8	13.0	8.0	3.9	0.9	0.5
55	40.6	33.2	26.1	19.5	13.4	8.3	4.1	1.0	0.5
60	42.1	34.6	27.4	20.5	14.1	8.6	4.3	1.1	0.5
65	44.0	36.3	28.9	21.6	14.9	9.1	4.5	1.3	0.5
70	46.0	38.4	30.7	23.2	16.0	9.8	4.8	1.4	0.5
75	48.4	40.6	32.9	25.1	17.5	10.7	5.2	1.7	0.5
80	50.9	43.2	35.4	27.4	19.5	12.2	5.9	1.8	0.5
85	53.6	46.0	38.2	30.1	21.9	14.2	7.1	2.1	0.5
90	56.6	49.0	41.4	33.3	25.0	17.0	9.3	3.1	0.5
95	59.6	52.2	44.7	36.6	28.4	20.2	12.3	5.4	1.3
100	62.7	55.5	48.1	40.2	31.9	23.9	15.8	8.4	3.5

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Photometric Data Table [Unit:cd] 8967WH-5CCT 3500K

105	65.9	59.1	51.6	43.8	35.9	27.7	19.6	12.3	6.3
110	69.0	62.5	55.2	47.6	39.9	31.8	23.7	16.2	9.6
115	72.2	65.9	58.8	51.3	43.8	35.8	27.9	20.0	12.1
120	75.4	69.2	62.4	55.1	47.7	40.0	32.0	23.9	15.0
125	78.6	72.6	65.9	58.8	51.6	44.1	36.1	27.9	18.4
130	81.6	75.8	69.4	62.5	55.4	48.0	40.1	31.7	21.8
135	84.6	79.0	72.7	66.0	59.1	51.8	44.0	35.2	25.1
140	87.4	82.0	75.9	69.3	62.6	55.4	47.6	38.5	28.2
145	90.2	84.8	78.8	72.4	65.9	58.8	51.0	41.5	31.1
150	92.5	87.3	81.5	75.4	68.8	61.8	54.2	44.2	33.8
155	94.6	89.5	83.8	77.8	71.3	64.5	56.8	46.6	36.1
160	96.3	91.4	85.8	79.9	73.5	66.8	59.1	48.6	38.2
165	97.7	92.9	87.5	81.6	75.3	68.5	60.9	50.2	39.8
170	98.7	94.0	88.7	82.8	76.6	69.8	62.1	51.4	40.8
175	99.4	94.7	89.4	83.6	77.3	70.5	62.7	52.0	41.1
180	99.6	94.9	89.6	83.8	77.5	70.6	62.8	52.2	40.8
185	99.4	94.7	89.4	83.6	77.3	70.3	62.5	52.1	40.4
190	98.8	94.1	88.7	82.8	76.5	69.6	61.9	51.6	40.0
195	97.8	93.1	87.6	81.7	75.4	68.4	60.7	50.7	39.3
200	96.4	91.6	86.0	80.0	73.7	66.7	59.0	49.2	37.9
205	94.7	89.8	84.0	78.0	71.6	64.5	56.8	47.3	36.1
210	92.7	87.6	81.7	75.6	69.1	61.9	54.2	45.1	34.0
215	90.4	85.1	79.1	72.8	66.2	59.0	51.3	42.4	31.6
220	87.8	82.4	76.2	69.8	63.1	55.7	48.0	39.5	28.9
225	85.1	79.4	73.1	66.6	59.7	52.3	44.5	36.1	25.9
230	82.1	76.4	69.8	63.1	56.1	48.6	40.8	32.6	22.8
235	79.1	72.9	66.4	59.5	52.1	44.7	37.0	28.6	19.5
240	76.0	69.6	63.0	55.8	48.2	40.6	32.9	24.7	16.1
245	72.8	66.3	59.4	52.1	44.3	36.6	28.8	20.7	12.8
250	69.6	62.9	55.8	48.4	40.4	32.6	24.7	16.9	10.1
255	66.5	59.5	52.2	44.7	36.6	28.6	20.7	13.0	7.0
260	63.3	56.1	48.7	41.0	32.8	24.7	16.8	9.3	4.0
265	60.2	52.8	45.3	37.5	29.2	21.1	13.2	6.1	1.7
270	57.1	49.6	42.0	34.1	25.8	17.7	10.1	3.7	0.6
275	54.0	46.6	38.8	30.7	22.7	14.9	7.6	2.4	0.5
280	51.3	43.7	35.9	27.9	20.1	12.7	6.2	2.0	0.5
285	48.7	41.1	33.4	25.5	18.0	11.1	5.5	1.8	0.5
290	46.3	38.8	31.2	23.5	16.4	10.1	5.0	1.6	0.5
295	44.2	36.8	29.3	22.0	15.3	9.3	4.7	1.4	0.5
300	42.4	35.0	27.7	20.7	14.4	8.8	4.5	1.2	0.5
305	40.8	33.5	26.5	19.7	13.7	8.5	4.3	1.1	0.5
310	39.4	32.3	25.4	18.9	13.2	8.2	4.0	1.0	0.5
315	38.2	31.2	24.6	18.3	12.8	8.0	3.8	0.9	0.5
320	37.2	30.4	23.8	17.8	12.4	7.8	3.6	0.8	0.5
325	36.3	29.6	23.3	17.4	12.2	7.6	3.4	0.7	0.5
330	35.6	29.1	22.8	17.1	12.0	7.5	3.3	0.7	0.5
335	35.1	28.6	22.4	16.9	11.8	7.3	3.1	0.6	0.5
340	34.6	28.2	22.2	16.7	11.7	7.2	3.0	0.6	0.5
345	34.3	27.9	22.0	16.5	11.6	7.1	3.0	0.6	0.5

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8967WH-5CCT 3500K

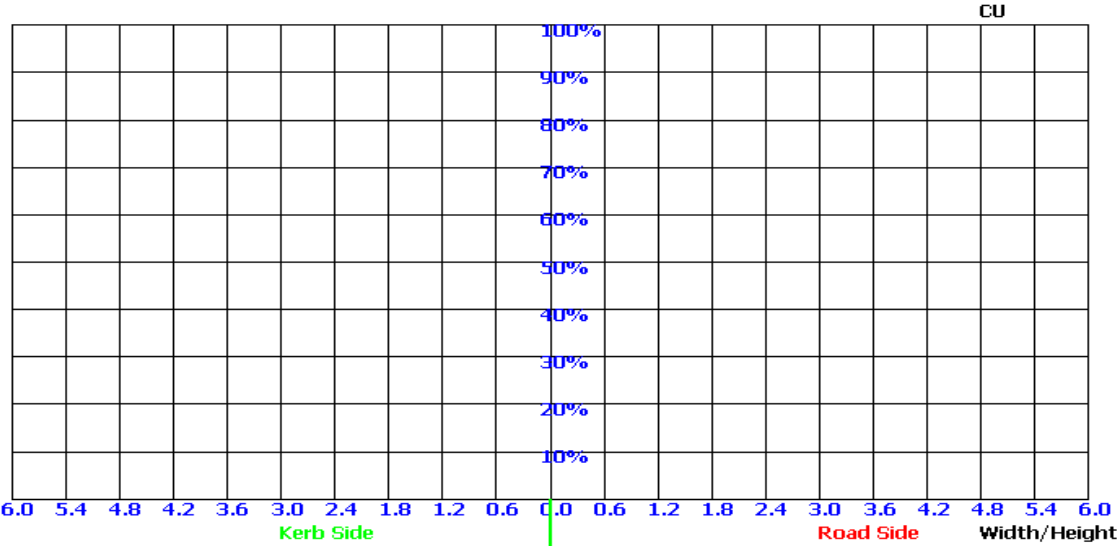
350	34.0	27.7	21.8	16.4	11.5	7.0	2.9	0.6	0.5
355	33.9	27.6	21.7	16.3	11.5	6.9	2.9	0.5	0.5
360	33.9	27.6	21.7	16.3	11.5	6.9	2.8	0.5	0.5

RP lighting + Fans

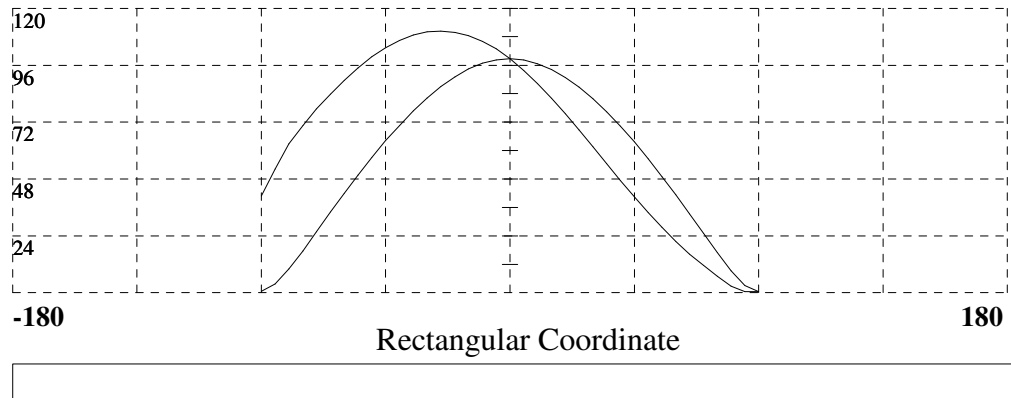
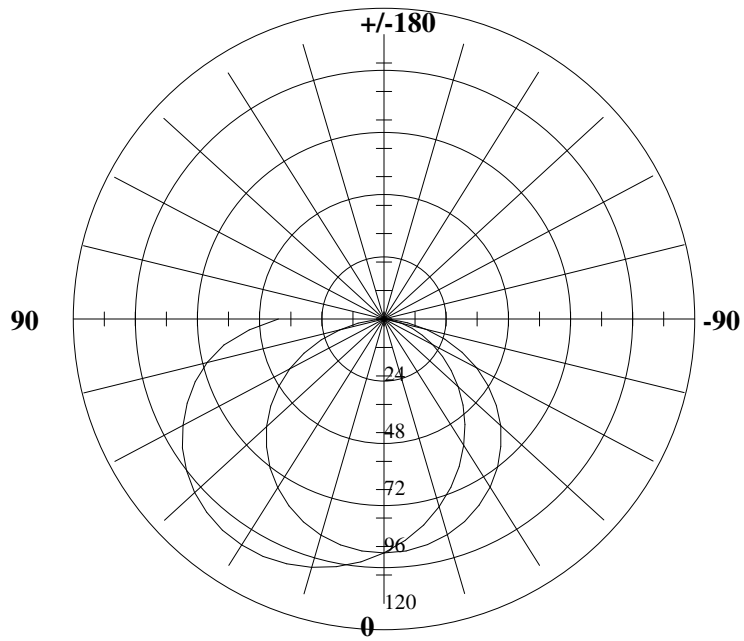
Zonal Flux 8967WH-5CCT 3500K

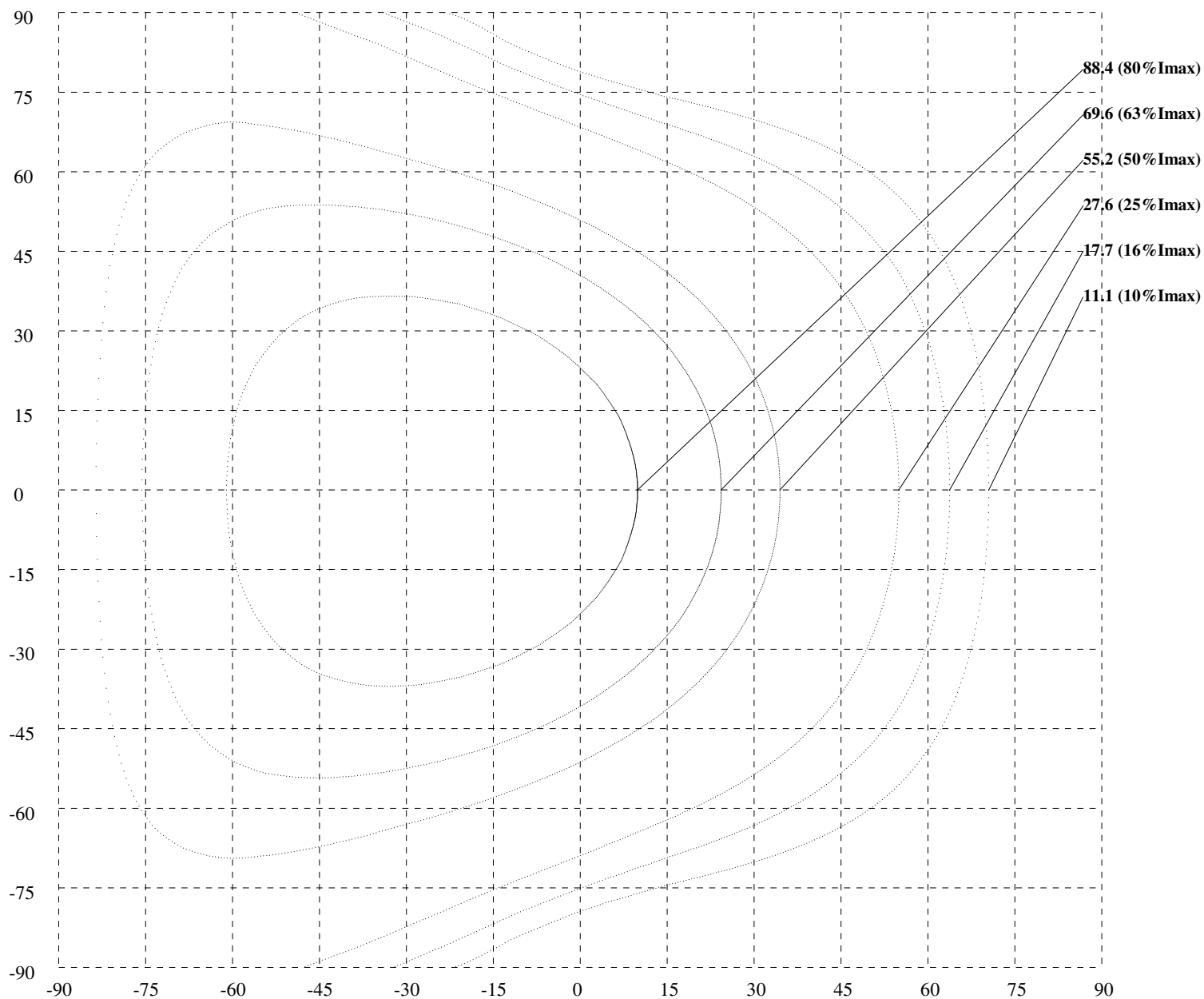
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	98.72	0.00	0.00	0.00	0.00
5	98.28	2.36	2.36	-235.51	-235.51
10	96.94	6.98	9.34	-698.38	-933.89
15	94.79	11.37	20.71	-1137.33	-2071.21
20	91.84	15.38	36.09	-1538.07	-3609.29
25	88.16	18.88	54.97	-1887.94	-5497.22
30	83.86	21.77	76.74	-2176.92	-7674.15
35	78.95	23.97	100.72	-2397.46	-10071.61
40	73.57	25.45	126.16	-2544.75	-12616.35
45	67.76	26.17	152.33	-2616.95	-15233.30
50	61.61	26.14	178.48	-2614.22	-17847.52
55	55.22	25.40	203.88	-2540.27	-20387.80
60	48.65	24.01	227.89	-2400.86	-22788.66
65	42.04	22.05	249.93	-2204.54	-24993.20
70	35.49	19.63	269.56	-1963.08	-26956.28
75	29.08	16.88	286.44	-1687.91	-28644.21
80	22.83	13.89	300.33	-1389.06	-30033.28
85	16.88	10.79	311.12	-1078.98	-31112.27
90	12.08	7.93	319.05	-792.99	-31905.27

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Coefficient Utilization Curve 8967WH-5CCT 3500K



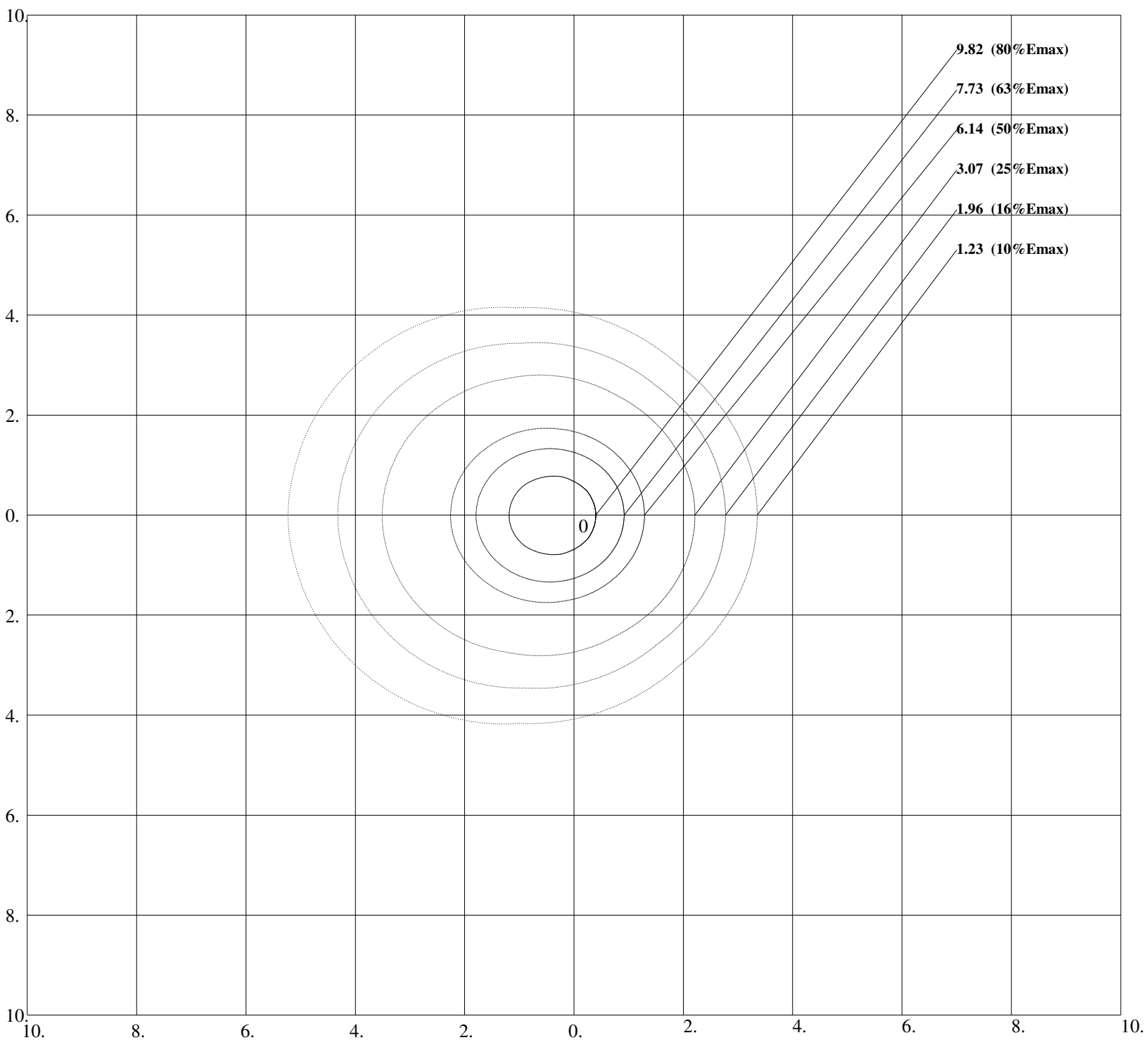
Light Distribution Curve[Unit: cd]





RP Lighting + Fans

Iso-Lux [Unit :lx] 8967WH-5CCT 3500K



Units: lx
Height: 3 m
Max Illuminance : 12.27lx

RP Lighting+ Fans
Lux-Distance Curve

