

Test Report of Luminaire

Report No.:

Luminaire Type	UCLD0903-T-9-40-WH		
Lamp Type	LED		
Client		EUT NO.	CCT: 3797K, CRI: 93.5Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.032
Power:	3.7	Power Factor	0.952
Frequency:	60Hz	Tc	4000K
Photometric Parameters			
Luminaire Flux	252.99 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	86.886cd	Central Intensity	78.924cd
Angle of Max Intensity:	C:0 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-25299.26%		
50%Imax Beam Width	C0_180[84.4 , -35.6] C90_270[51.5 , -51.2]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] UCLD0903-T-9-40-WH

C\G	0	5	10	15	20	25	30	35	40	45
0	78.9	82.1	84.2	85.9	86.7	86.9	86.3	85.1	83.3	80.8
5	78.9	82.1	84.2	85.8	86.7	86.8	86.2	85.0	83.2	80.7
10	78.9	82.0	84.1	85.7	86.4	86.6	85.9	84.6	82.8	80.3
15	78.9	82.0	84.0	85.5	86.2	86.1	85.5	84.1	82.2	79.6
20	78.9	81.8	83.8	85.2	85.7	85.6	84.9	83.4	81.3	78.7
25	78.9	81.7	83.5	84.9	85.2	85.0	84.0	82.4	80.2	77.4
30	78.9	81.6	83.2	84.3	84.6	84.1	83.1	81.3	78.9	76.0
35	78.9	81.4	82.9	83.8	83.9	83.3	82.0	80.0	77.5	74.4
40	78.9	81.2	82.5	83.2	83.1	82.2	80.7	78.6	75.9	72.6
45	78.9	81.0	82.1	82.6	82.2	81.2	79.4	77.1	74.1	70.6
50	78.9	80.8	81.7	81.9	81.3	80.0	78.0	75.4	72.3	68.6
55	78.9	80.5	81.2	81.1	80.3	78.7	76.5	73.7	70.3	66.4
60	78.9	80.2	80.6	80.3	79.2	77.5	75.0	71.9	68.4	64.2
65	78.9	80.0	80.1	79.5	78.2	76.1	73.4	70.1	66.3	62.0
70	78.9	79.7	79.6	78.7	77.1	74.8	71.8	68.3	64.3	59.7
75	78.9	79.4	79.0	77.8	76.0	73.4	70.1	66.4	62.2	57.4
80	78.9	79.1	78.4	77.0	74.8	72.0	68.5	64.6	60.1	55.2
85	78.9	78.8	77.8	76.1	73.7	70.6	66.9	62.7	58.1	53.0
90	78.9	78.5	77.2	75.3	72.6	69.3	65.3	61.0	56.1	50.8
95	78.9	78.2	76.6	74.4	71.5	67.9	63.8	59.1	54.2	48.7
100	78.9	77.9	76.0	73.6	70.4	66.6	62.2	57.4	52.3	46.7
105	78.9	77.6	75.5	72.8	69.3	65.3	60.8	55.8	50.4	44.8
110	78.9	77.3	74.9	72.0	68.4	64.1	59.4	54.3	48.7	43.1
115	78.9	77.0	74.4	71.2	67.4	62.9	58.1	52.8	47.2	41.4
120	78.9	76.8	73.9	70.5	66.5	61.9	56.9	51.5	45.8	40.0
125	78.9	76.5	73.4	69.8	65.6	60.9	55.7	50.3	44.5	38.7
130	78.9	76.3	73.0	69.2	64.8	59.9	54.8	49.2	43.3	37.6
135	78.9	76.0	72.6	68.6	64.1	59.1	53.8	48.2	42.3	36.5
140	78.9	75.9	72.2	68.1	63.5	58.4	53.0	47.3	41.4	35.6
145	78.9	75.7	71.9	67.6	62.9	57.7	52.3	46.5	40.7	34.9
150	78.9	75.5	71.6	67.3	62.4	57.2	51.6	45.9	40.0	34.3
155	78.9	75.3	71.3	66.9	62.0	56.7	51.1	45.4	39.5	33.8
160	78.9	75.2	71.1	66.6	61.6	56.3	50.7	44.9	39.1	33.4
165	78.9	75.1	70.9	66.3	61.4	55.9	50.4	44.6	38.7	33.1
170	78.9	75.0	70.8	66.1	61.2	55.7	50.1	44.3	38.5	32.9
175	78.9	75.0	70.8	66.1	61.1	55.6	50.0	44.1	38.4	32.7
180	78.9	75.0	70.7	66.1	61.0	55.6	49.9	44.1	38.3	32.6
185	78.9	75.0	70.7	66.1	61.0	55.6	50.0	44.1	38.3	32.7
190	78.9	75.0	70.9	66.2	61.2	55.7	50.1	44.3	38.5	32.8
195	78.9	75.1	71.0	66.4	61.3	55.9	50.3	44.5	38.7	33.0
200	78.9	75.2	71.1	66.6	61.6	56.2	50.6	44.9	39.0	33.3
205	78.9	75.2	71.3	66.9	62.0	56.6	51.1	45.3	39.4	33.7
210	78.9	75.4	71.5	67.2	62.4	57.1	51.6	45.8	40.0	34.2
215	78.9	75.5	71.9	67.6	62.9	57.7	52.2	46.5	40.6	34.8
220	78.9	75.7	72.2	68.1	63.4	58.3	52.9	47.2	41.4	35.5
225	78.9	75.9	72.5	68.6	64.1	59.0	53.7	48.1	42.2	36.3
230	78.9	76.1	73.0	69.1	64.8	59.9	54.7	49.0	43.2	37.3
235	78.9	76.4	73.4	69.7	65.6	60.9	55.7	50.1	44.4	38.5

Photometric Data Table [Unit:cd] UCLD0903-T-9-40-WH

240	78.9	76.6	73.9	70.4	66.4	61.8	56.8	51.3	45.7	39.8
245	78.9	76.8	74.4	71.1	67.3	62.9	58.0	52.6	47.1	41.2
250	78.9	77.1	74.9	71.9	68.3	64.1	59.3	54.1	48.6	42.8
255	78.9	77.4	75.4	72.7	69.3	65.3	60.7	55.7	50.3	44.5
260	78.9	77.7	76.0	73.5	70.3	66.6	62.1	57.4	52.1	46.4
265	78.9	78.0	76.6	74.3	71.5	67.9	63.7	59.1	53.9	48.4
270	78.9	78.3	77.2	75.2	72.5	69.2	65.3	60.9	55.9	50.5
275	78.9	78.7	77.7	76.1	73.7	70.6	66.9	62.7	57.9	52.7
280	78.9	78.9	78.3	76.9	74.8	72.0	68.5	64.5	60.0	55.0
285	78.9	79.2	78.9	77.8	76.0	73.4	70.1	66.4	62.1	57.2
290	78.9	79.5	79.5	78.6	77.1	74.8	71.8	68.3	64.2	59.5
295	78.9	79.8	80.1	79.5	78.2	76.2	73.4	70.1	66.3	61.8
300	78.9	80.1	80.6	80.3	79.3	77.5	75.1	71.9	68.3	64.2
305	78.9	80.3	81.1	81.1	80.4	78.8	76.6	73.8	70.3	66.5
310	78.9	80.6	81.6	81.8	81.3	80.1	78.1	75.5	72.2	68.6
315	78.9	80.8	82.1	82.6	82.3	81.3	79.5	77.1	74.1	70.6
320	78.9	81.1	82.5	83.2	83.1	82.4	80.9	78.7	75.9	72.6
325	78.9	81.3	82.9	83.8	84.0	83.3	82.1	80.1	77.5	74.4
330	78.9	81.4	83.3	84.3	84.7	84.3	83.2	81.4	78.9	76.0
335	78.9	81.6	83.6	84.8	85.3	85.0	84.1	82.5	80.2	77.4
340	78.9	81.7	83.8	85.2	85.8	85.7	84.9	83.4	81.3	78.6
345	78.9	81.8	84.0	85.5	86.2	86.2	85.6	84.1	82.2	79.6
350	78.9	81.9	84.2	85.7	86.5	86.6	86.0	84.7	82.7	80.3
355	78.9	81.9	84.2	85.8	86.7	86.8	86.3	85.0	83.2	80.7
360	78.9	82.1	84.2	85.9	86.7	86.9	86.3	85.1	83.3	80.8

C\G	50	55	60	65	70	75	80	85	90
0	77.7	74.2	70.1	65.8	61.1	56.5	51.4	42.4	33.8
5	77.6	74.0	70.0	65.6	60.9	56.3	51.2	42.3	33.7
10	77.1	73.5	69.4	65.0	60.2	55.5	50.1	40.9	32.5
15	76.3	72.7	68.5	64.0	59.1	54.3	48.4	39.0	30.9
20	75.3	71.5	67.3	62.8	57.8	52.9	47.0	37.7	29.6
25	74.0	70.1	65.8	61.2	56.1	51.2	45.3	36.1	28.2
30	72.4	68.4	64.0	59.2	54.1	49.2	43.2	34.4	26.4
35	70.6	66.5	62.0	57.1	51.9	46.9	40.9	32.4	24.3
40	68.7	64.4	59.8	54.7	49.5	44.3	38.4	30.1	22.1
45	66.6	62.1	57.4	52.2	46.9	41.5	35.5	27.6	19.7
50	64.4	59.7	54.9	49.5	44.1	38.6	32.6	24.8	17.2
55	62.1	57.2	52.2	46.7	41.1	35.5	29.5	22.0	14.6
60	59.6	54.7	49.5	43.8	38.1	32.3	26.3	19.1	12.1
65	57.2	52.1	46.7	40.9	35.0	29.1	23.1	16.9	10.8
70	54.8	49.5	43.8	38.0	32.0	25.9	19.8	13.9	8.5
75	52.4	46.9	41.1	35.1	29.0	22.8	16.4	10.7	5.9
80	50.0	44.4	38.4	32.3	26.0	19.7	13.3	7.7	3.5
85	47.6	41.9	35.7	29.6	23.2	16.8	10.4	5.1	1.6
90	45.3	39.4	33.2	26.9	20.5	14.0	8.0	3.1	0.6
95	43.0	37.0	30.7	24.4	18.0	11.6	6.1	2.0	0.5
100	40.9	34.8	28.4	22.2	15.9	9.9	4.9	1.6	0.5

Photometric Data Table [Unit:cd] UCLD0903-T-9-40-WH

105	38.9	32.7	26.4	20.2	14.2	8.7	4.3	1.5	0.5
110	37.1	30.8	24.7	18.6	13.0	7.8	4.0	1.5	0.6
115	35.4	29.2	23.2	17.4	11.9	7.3	3.8	1.5	0.5
120	34.0	27.8	22.0	16.4	11.2	7.0	3.7	1.4	0.5
125	32.7	26.7	20.9	15.6	10.8	6.8	3.7	1.4	0.5
130	31.5	25.7	20.1	15.0	10.4	6.7	3.7	1.3	0.5
135	30.6	24.9	19.4	14.5	10.2	6.6	3.7	1.3	0.5
140	29.8	24.2	18.9	14.2	10.0	6.5	3.6	1.3	0.5
145	29.2	23.6	18.5	13.9	9.8	6.5	3.6	1.2	0.5
150	28.6	23.2	18.2	13.7	9.8	6.4	3.6	1.2	0.5
155	28.1	22.8	17.9	13.5	9.7	6.4	3.6	1.1	0.5
160	27.8	22.5	17.7	13.4	9.6	6.4	3.5	1.1	0.5
165	27.6	22.3	17.6	13.3	9.6	6.4	3.5	1.1	0.5
170	27.4	22.1	17.5	13.3	9.6	6.4	3.5	1.1	0.5
175	27.2	22.1	17.4	13.2	9.5	6.4	3.5	1.1	0.5
180	27.2	22.0	17.4	13.2	9.5	6.4	3.5	1.1	0.5
185	27.2	22.1	17.4	13.2	9.5	6.3	3.4	1.1	0.5
190	27.3	22.2	17.4	13.2	9.5	6.3	3.4	1.0	0.5
195	27.5	22.3	17.5	13.3	9.5	6.3	3.4	1.1	0.5
200	27.7	22.5	17.7	13.3	9.6	6.4	3.5	1.0	0.5
205	28.1	22.7	17.8	13.5	9.6	6.4	3.5	1.1	0.5
210	28.5	23.1	18.1	13.6	9.7	6.4	3.5	1.1	0.5
215	29.0	23.5	18.4	13.8	9.8	6.4	3.5	1.1	0.5
220	29.6	24.0	18.8	14.0	9.8	6.4	3.6	1.2	0.5
225	30.4	24.6	19.3	14.3	10.0	6.4	3.5	1.2	0.5
230	31.3	25.4	19.9	14.7	10.2	6.5	3.6	1.2	0.5
235	32.4	26.4	20.7	15.3	10.5	6.6	3.6	1.2	0.5
240	33.6	27.6	21.6	16.0	11.0	6.8	3.6	1.3	0.5
245	35.0	28.9	22.8	16.9	11.6	7.1	3.7	1.3	0.5
250	36.7	30.5	24.3	18.1	12.5	7.5	3.8	1.4	0.5
255	38.4	32.3	25.9	19.6	13.7	8.2	4.0	1.4	0.5
260	40.5	34.3	27.9	21.4	15.3	9.3	4.5	1.5	0.5
265	42.7	36.5	30.1	23.6	17.2	10.9	5.4	1.7	0.5
270	44.9	38.9	32.6	26.0	19.6	13.1	7.0	2.4	0.5
275	47.3	41.4	35.1	28.7	22.3	15.7	9.3	4.1	1.0
280	49.7	43.9	37.9	31.5	25.2	18.6	12.2	6.6	2.6
285	52.1	46.6	40.6	34.5	28.2	21.7	15.5	9.5	4.9
290	54.6	49.2	43.4	37.5	31.2	24.9	18.8	12.8	7.5
295	57.1	51.8	46.2	40.4	34.3	28.2	22.3	15.9	9.8
300	59.5	54.5	49.0	43.4	37.4	31.5	25.5	18.0	10.8
305	62.0	57.0	51.7	46.3	40.5	34.7	28.8	21.0	13.1
310	64.3	59.6	54.4	49.1	43.5	37.9	32.0	24.0	15.8
315	66.6	62.0	57.0	51.8	46.4	40.9	35.1	26.8	18.4
320	68.6	64.3	59.5	54.5	49.1	43.8	38.1	29.5	20.9
325	70.6	66.4	61.9	56.8	51.6	46.5	40.7	31.8	23.2
330	72.4	68.3	64.0	59.0	53.9	48.9	43.1	33.9	25.3
335	74.0	70.0	65.8	60.9	55.9	51.0	45.2	35.7	27.3
340	75.3	71.5	67.3	62.5	57.7	52.8	47.0	37.5	29.0
345	76.4	72.6	68.5	63.9	59.1	54.3	48.7	39.1	30.8

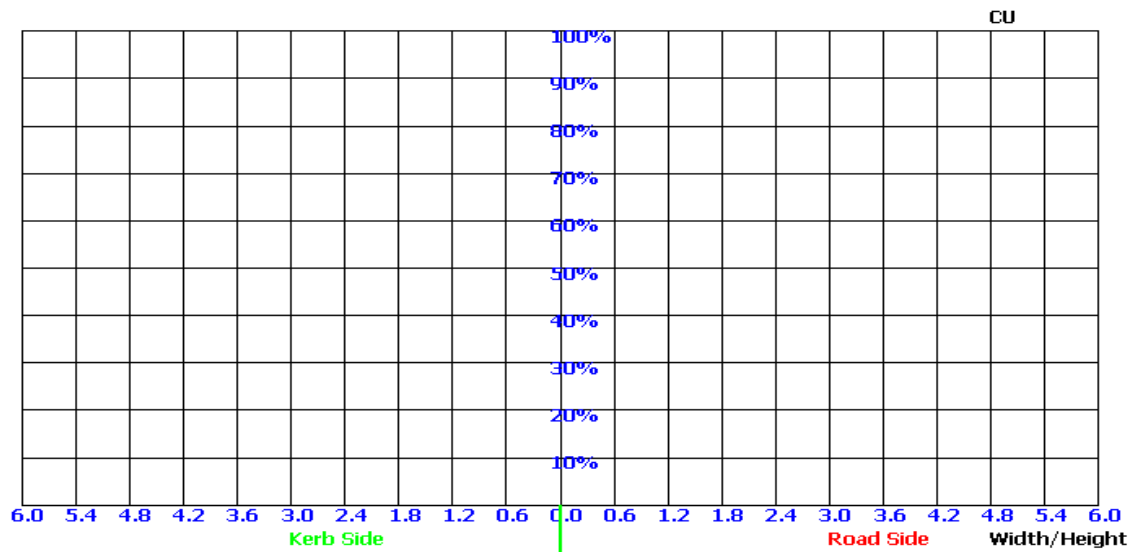
Photometric Data Table [Unit:cd] UCLD0903-T-9-40-WH

350	77.1	73.4	69.4	64.9	60.2	55.6	50.3	41.0	32.7
355	77.6	74.0	70.0	65.6	60.9	56.3	51.2	42.1	33.6
360	77.7	74.2	70.1	65.8	61.1	56.5	51.4	42.4	33.8

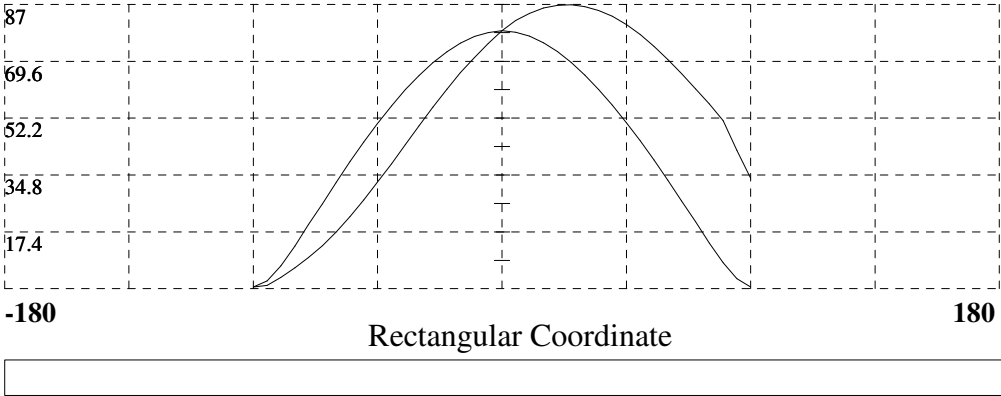
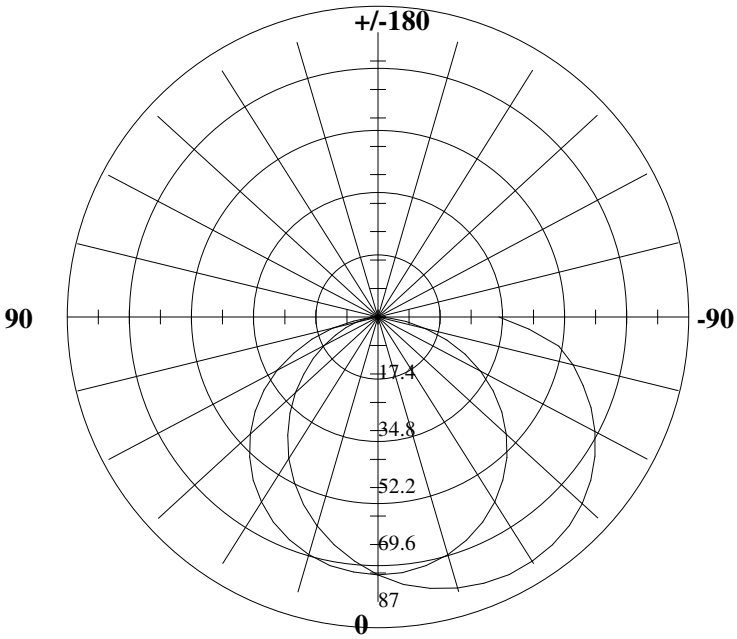
Zonal FluxUCLD0903-T-9-40-WH

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	78.92	0.00	0.00	0.00	0.00
5	78.46	1.88	1.88	-188.15	-188.15
10	77.34	5.57	7.46	-557.36	-745.50
15	75.59	9.07	16.53	-907.20	-1652.70
20	73.19	12.26	28.79	-1226.19	-2878.89
25	70.19	15.04	43.83	-1503.81	-4382.70
30	66.66	17.32	61.15	-1731.85	-6114.55
35	62.67	19.05	80.19	-1904.54	-8019.09
40	58.29	20.18	100.37	-2018.20	-10037.29
45	53.62	20.72	121.09	-2072.19	-12109.49
50	48.65	20.67	141.76	-2066.50	-14175.99
55	43.50	20.04	161.80	-2003.62	-16179.62
60	38.29	18.90	180.70	-1890.50	-18070.11
65	33.07	17.35	198.05	-1734.74	-19804.85
70	28.00	15.46	213.51	-1546.31	-21351.17
75	23.20	13.38	226.89	-1338.26	-22689.43
80	18.55	11.17	238.07	-1117.10	-23806.53
85	13.37	8.67	246.74	-867.29	-24673.82
90	9.47	6.25	252.99	-625.43	-25299.26

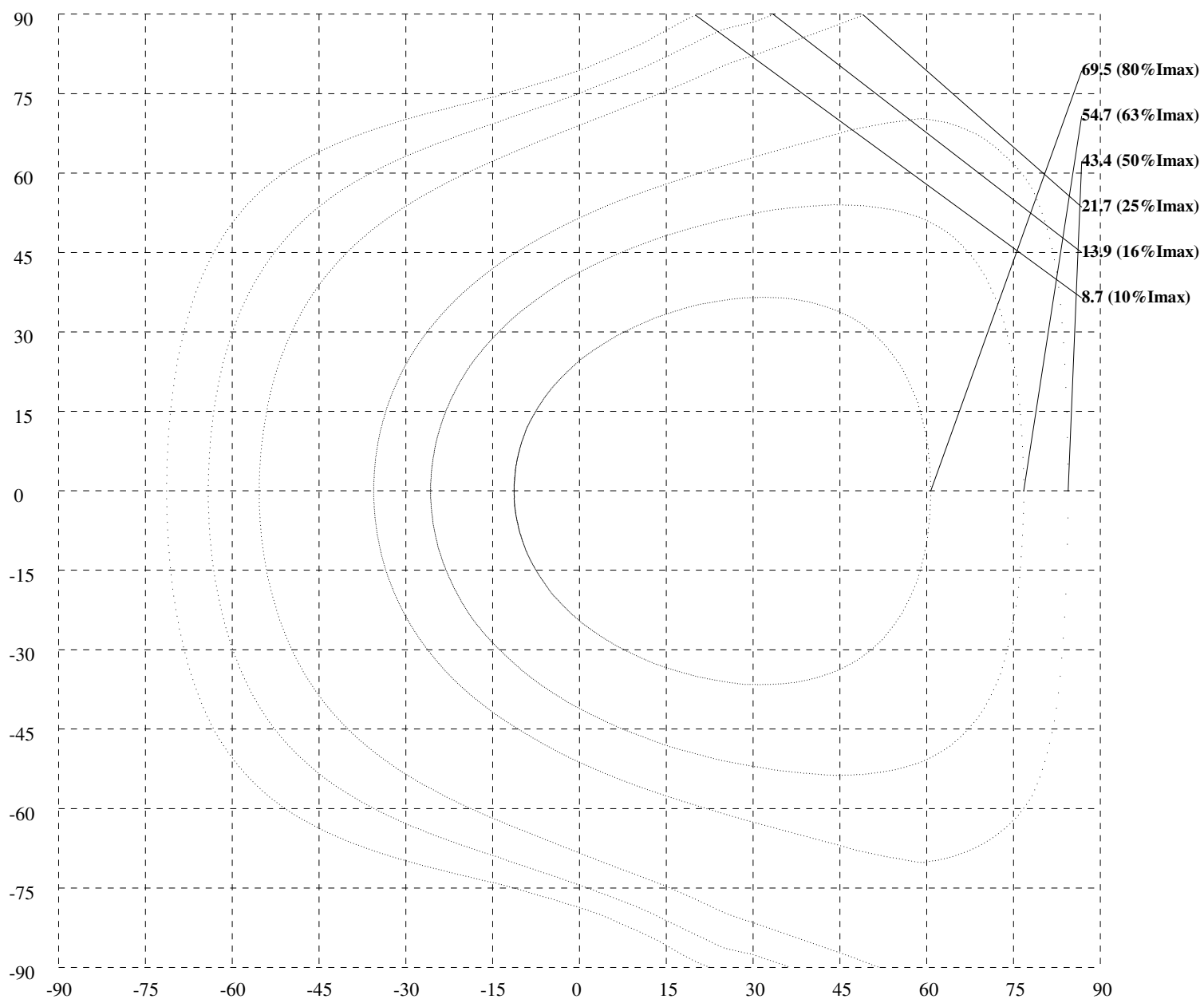
ILSUNG
Coefficient Utilization Curve UCLD0903-T-9-40-WH



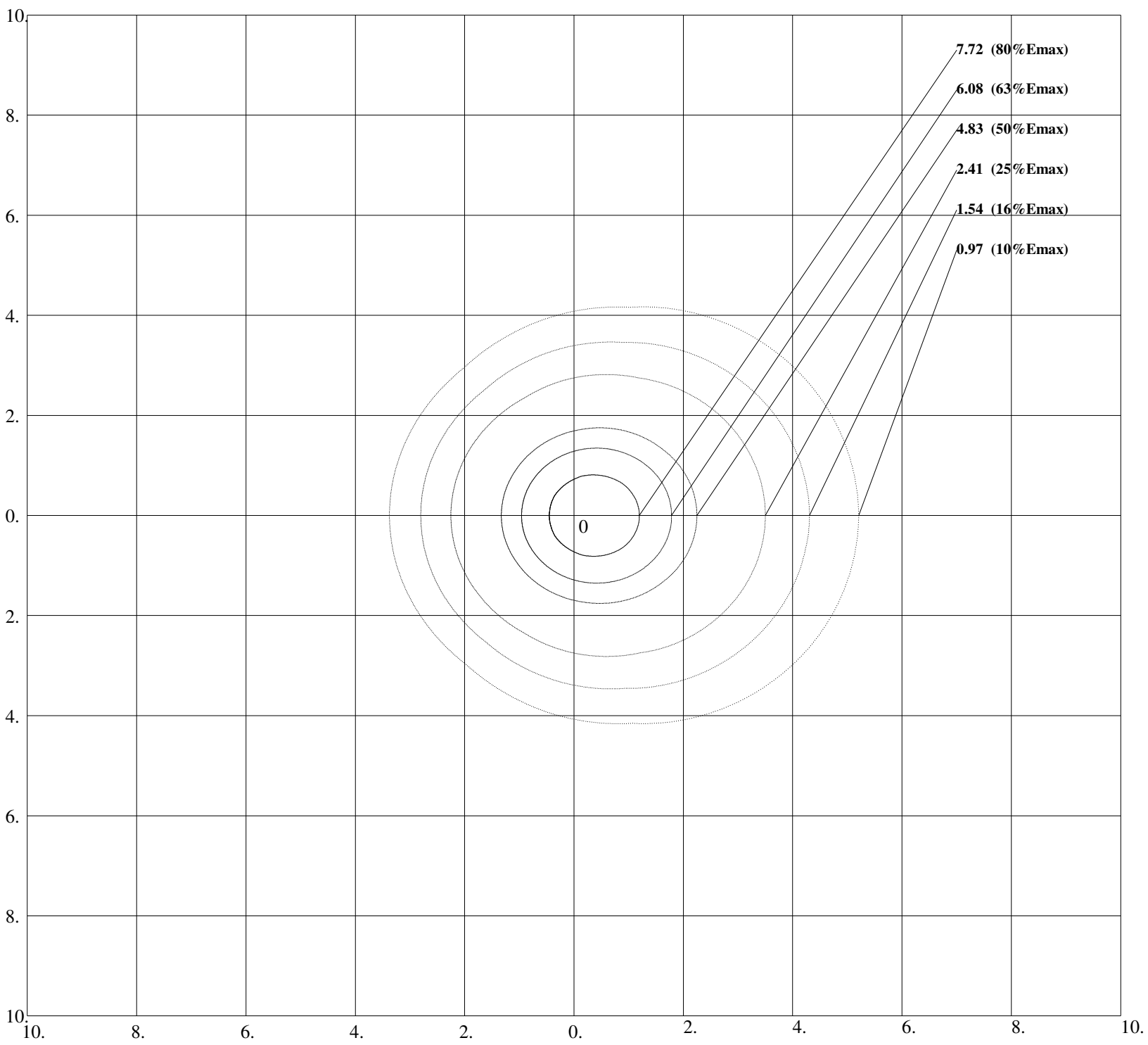
Light Distribution Curve[Unit: cd]



ISO-Candela V-H [Unit :cd]UCLD0903-T-9-40-WH



Iso-Lux [Unit :lx]UCLD0903-T-9-40-WH



Units: lx
Height: 3 m
Max Illuminance : 9.65lx

ILSUNG
Lux-Distance Curve

