

Table. Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
256.6 lm	8.1 W	31.7 lm/W	100.0 %	81.2 %	47.57 cd

Table. Electrical parameters during the light measurements.

	Pin	PF	Vin	If
Value	8.090 W	0.9310	230.4 V	0.0380 A
St.dev.	0.03 %	0.00 %	0.03 %	0.00 %

Table. Maximum Luminous Intensity and its direction

Iv	g	C plane
65 cd	46.0°	90.0°

Table. Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	99.2°	158.2°	-0.0°
C90-270	246.6°	260.9°	-0.0°

Figure. Polar curve of the angular Luminous Intensity distribution at two perpendicular C planes and at C plane with maximum Luminous Intensity.

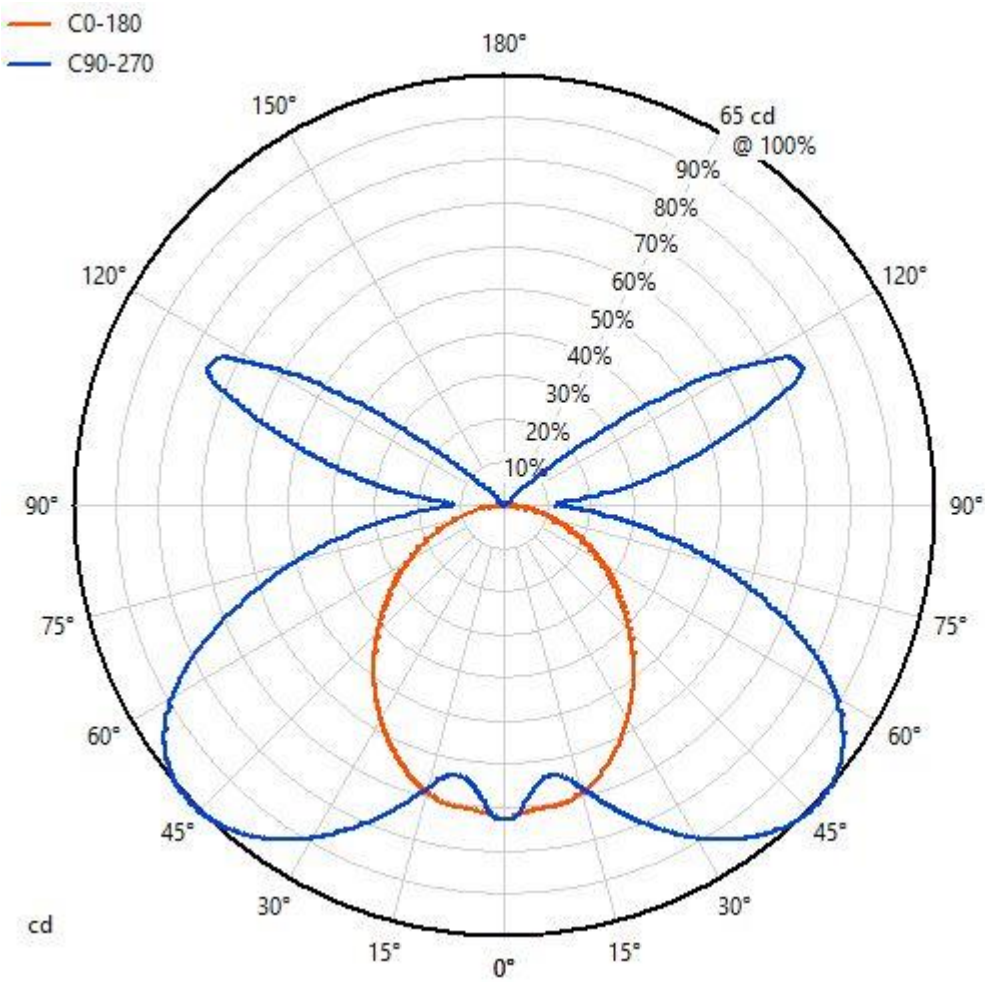
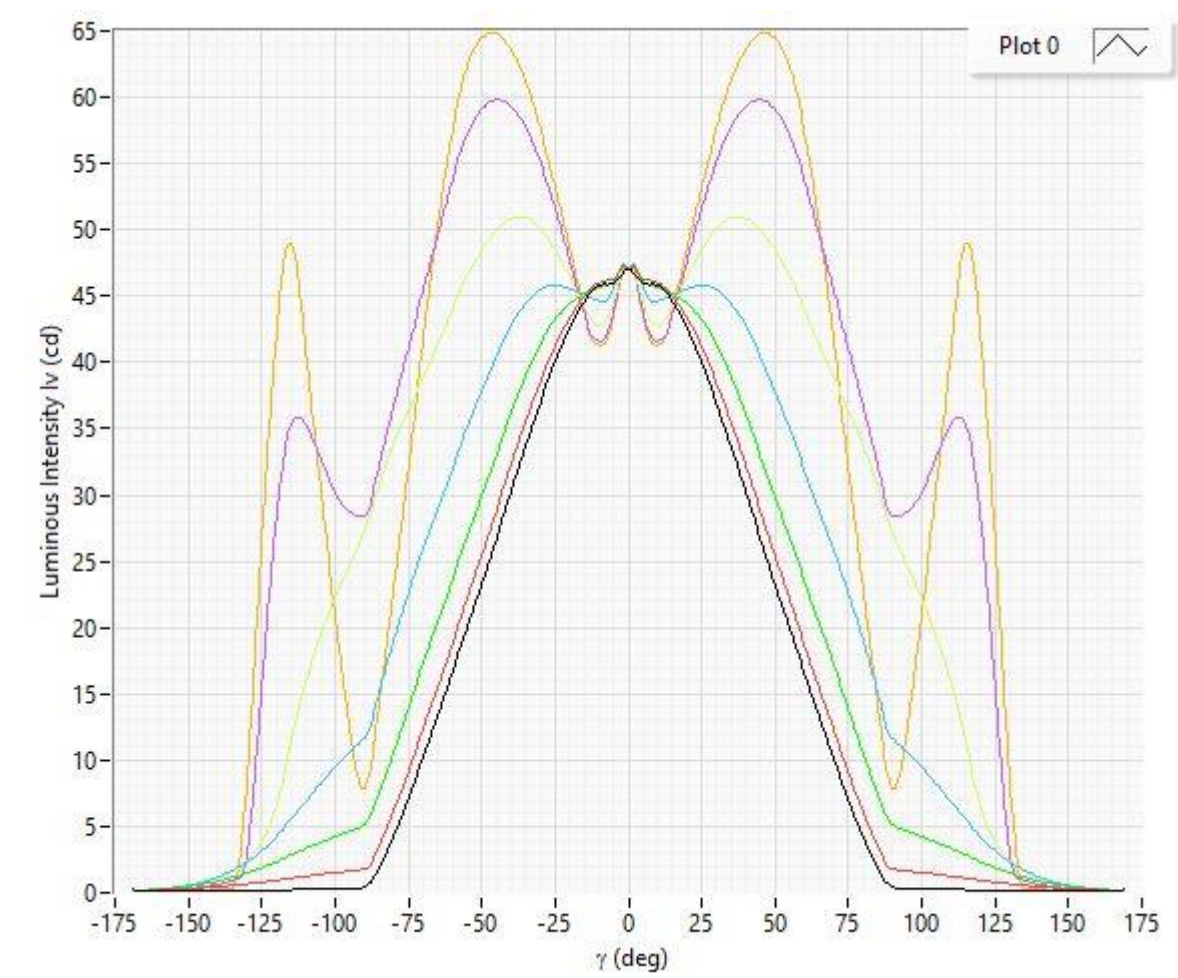


Figure. Luminous Intensity distribution in cartesian diagram at all measured C planes.



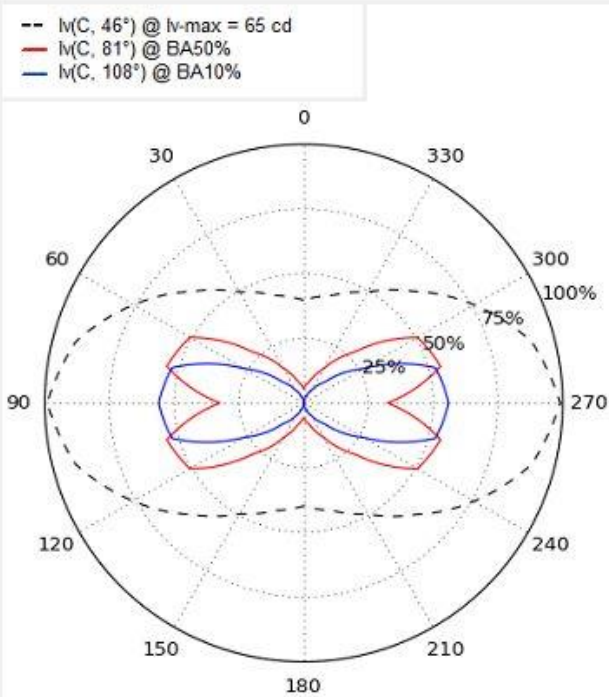


Table. Zonal lumen summary

	Lumens	Relative lumens (%)
0-20	17.38	6.77
0-30	38.93	15.17
0-40	67.79	26.42
0-60	135.00	52.61
0-80	190.90	74.40
0-90	208.40	81.22
10-90	203.91	79.47
20-40	50.41	19.65
20-50	83.62	32.59
40-70	98.11	38.23
40-90	140.61	54.80
60-80	55.90	21.78
60-90	73.40	28.60
70-80	25.00	9.74
80-90	17.50	6.82
90-110	28.30	11.03
90-120	41.10	16.02
90-130	46.70	18.20
90-150	48.00	18.71
90-180	48.20	18.78
110-180	19.90	7.76
0-180	256.60	100.00
	217.47	84.75

Table. Cumulative and Zonal luminous flux

gamma (deg)	Zone Flux (lm)	Sum Flux (lm)	Zone Flux (%)	Sum Flux (%)
0	0.002816	0.002816	0.001097	0.001097
0.5	0.02254	0.02536	0.008785	0.009883
1	0.04517	0.07053	0.01761	0.02749
1.5	0.0678	0.1383	0.02643	0.05391
2	0.09023	0.2286	0.03517	0.08908
2.5	0.1123	0.3408	0.04375	0.1328
3	0.1337	0.4746	0.05213	0.185
3.5	0.1548	0.6294	0.06034	0.2453
4	0.1755	0.8049	0.06842	0.3137
4.5	0.196	1.001	0.07638	0.3901
5	0.2162	1.217	0.08428	0.4744
5.5	0.2365	1.454	0.09216	0.5665
6	0.2565	1.71	0.09999	0.6665
6.5	0.2766	1.987	0.1078	0.7743
7	0.2967	2.283	0.1156	0.89
7.5	0.3168	2.6	0.1235	1.013
8	0.3372	2.937	0.1314	1.145
8.5	0.3576	3.295	0.1394	1.284
9	0.3779	3.673	0.1473	1.432
9.5	0.3985	4.071	0.1553	1.587
10	0.4191	4.491	0.1633	1.75
10.5	0.4398	4.93	0.1714	1.922
11	0.4606	5.391	0.1795	2.101
11.5	0.4815	5.872	0.1877	2.289
12	0.5026	6.375	0.1959	2.485
12.5	0.5237	6.899	0.2041	2.689
13	0.5448	7.444	0.2124	2.901
13.5	0.5664	8.01	0.2208	3.122
14	0.5878	8.598	0.2291	3.351
14.5	0.6098	9.208	0.2377	3.589
15	0.6317	9.839	0.2462	3.835
15.5	0.6538	10.49	0.2548	4.09
16	0.6759	11.17	0.2634	4.353
16.5	0.698	11.87	0.272	4.625
17	0.7202	12.59	0.2807	4.906
17.5	0.7423	13.33	0.2893	5.195
18	0.7647	14.09	0.2981	5.493
18.5	0.7871	14.88	0.3068	5.8
19	0.8093	15.69	0.3154	6.116
19.5	0.8315	16.52	0.3241	6.44
20	0.8537	17.38	0.3327	6.772
20.5	0.8757	18.25	0.3413	7.114
21	0.898	19.15	0.35	7.464

21.5	0.9198	20.07	0.3585	7.822
22	0.9416	21.01	0.367	8.189
22.5	0.9635	21.97	0.3755	8.565
23	0.9849	22.96	0.3839	8.949
23.5	1.007	23.97	0.3923	9.341
24	1.028	24.99	0.4006	9.742
24.5	1.049	26.04	0.4089	10.15
25	1.07	27.11	0.4172	10.57
25.5	1.091	28.2	0.4253	10.99
26	1.112	29.32	0.4333	11.43
26.5	1.132	30.45	0.4413	11.87
27	1.153	31.6	0.4493	12.32
27.5	1.173	32.77	0.4573	12.77
28	1.193	33.97	0.465	13.24
28.5	1.213	35.18	0.4726	13.71
29	1.232	36.41	0.4802	14.19
29.5	1.251	37.66	0.4878	14.68
30	1.27	38.93	0.4951	15.18
30.5	1.289	40.22	0.5023	15.68
31	1.307	41.53	0.5094	16.19
31.5	1.325	42.85	0.5164	16.7
32	1.343	44.2	0.5235	17.23
32.5	1.36	45.56	0.5301	17.76
33	1.378	46.94	0.5369	18.29
33.5	1.394	48.33	0.5433	18.84
34	1.41	49.74	0.5497	19.39
34.5	1.426	51.17	0.5559	19.94
35	1.442	52.61	0.562	20.5
35.5	1.457	54.06	0.5679	21.07
36	1.472	55.54	0.5736	21.65
36.5	1.486	57.02	0.5793	22.23
37	1.5	58.52	0.5848	22.81
37.5	1.513	60.04	0.5899	23.4
38	1.527	61.56	0.5951	24
38.5	1.54	63.1	0.6001	24.6
39	1.552	64.66	0.6049	25.2
39.5	1.564	66.22	0.6096	25.81
40	1.575	67.79	0.6139	26.42
40.5	1.587	69.38	0.6185	27.04
41	1.597	70.98	0.6225	27.66
41.5	1.608	72.59	0.6266	28.29
42	1.617	74.2	0.6303	28.92
42.5	1.626	75.83	0.6338	29.56
43	1.635	77.46	0.6373	30.19
43.5	1.643	79.11	0.6405	30.83
44	1.651	80.76	0.6437	31.48
44.5	1.659	82.42	0.6468	32.12
45	1.666	84.08	0.6495	32.77
45.5	1.673	85.76	0.652	33.43

46	1.679	87.44	0.6544	34.08
46.5	1.685	89.12	0.6566	34.74
47	1.69	90.81	0.6587	35.39
47.5	1.695	92.51	0.6606	36.06
48	1.699	94.21	0.6624	36.72
48.5	1.703	95.91	0.6637	37.38
49	1.707	97.61	0.6652	38.05
49.5	1.709	99.32	0.6663	38.71
50	1.713	101	0.6675	39.38
50.5	1.714	102.8	0.6682	40.05
51	1.716	104.5	0.6689	40.72
51.5	1.718	106.2	0.6695	41.39
52	1.718	107.9	0.6698	42.06
52.5	1.719	109.6	0.6698	42.73
53	1.718	111.3	0.6696	43.4
53.5	1.717	113.1	0.6692	44.07
54	1.715	114.8	0.6685	44.73
54.5	1.713	116.5	0.6678	45.4
55	1.711	118.2	0.6668	46.07
55.5	1.708	119.9	0.6657	46.73
56	1.704	121.6	0.6642	47.4
56.5	1.7	123.3	0.6626	48.06
57	1.695	125	0.6608	48.72
57.5	1.691	126.7	0.659	49.38
58	1.685	128.4	0.6567	50.04
58.5	1.678	130.1	0.654	50.69
59	1.671	131.7	0.6513	51.34
59.5	1.664	133.4	0.6485	51.99
60	1.656	135	0.6453	52.64
60.5	1.647	136.7	0.6421	53.28
61	1.639	138.3	0.6388	53.92
61.5	1.63	140	0.6352	54.55
62	1.62	141.6	0.6313	55.18
62.5	1.609	143.2	0.6273	55.81
63	1.599	144.8	0.6233	56.43
63.5	1.589	146.4	0.6194	57.05
64	1.577	148	0.6148	57.67
64.5	1.566	149.5	0.6102	58.28
65	1.554	151.1	0.6056	58.88
65.5	1.542	152.6	0.6012	59.49
66	1.53	154.2	0.5963	60.08
66.5	1.517	155.7	0.5912	60.67
67	1.504	157.2	0.5862	61.26
67.5	1.491	158.7	0.5812	61.84
68	1.477	160.1	0.5759	62.42
68.5	1.464	161.6	0.5705	62.99
69	1.45	163.1	0.5651	63.55
69.5	1.436	164.5	0.5595	64.11
70	1.421	165.9	0.5539	64.67

70.5	1.406	167.3	0.548	65.21
71	1.391	168.7	0.5423	65.76
71.5	1.376	170.1	0.5364	66.29
72	1.36	171.4	0.5302	66.82
72.5	1.344	172.8	0.5239	67.35
73	1.329	174.1	0.5178	67.86
73.5	1.313	175.4	0.5117	68.38
74	1.296	176.7	0.5052	68.88
74.5	1.279	178	0.4986	69.38
75	1.262	179.3	0.492	69.87
75.5	1.246	180.5	0.4857	70.36
76	1.228	181.7	0.4787	70.84
76.5	1.21	183	0.4717	71.31
77	1.193	184.1	0.4648	71.77
77.5	1.174	185.3	0.4577	72.23
78	1.156	186.5	0.4506	72.68
78.5	1.137	187.6	0.4432	73.12
79	1.119	188.7	0.436	73.56
79.5	1.099	189.8	0.4285	73.99
80	1.08	190.9	0.4208	74.41
80.5	1.06	192	0.4132	74.82
81	1.04	193	0.4055	75.23
81.5	1.021	194	0.3978	75.63
82	1.001	195	0.3901	76.02
82.5	0.9806	196	0.3822	76.4
83	0.9603	197	0.3743	76.77
83.5	0.9397	197.9	0.3663	77.14
84	0.9196	198.8	0.3584	77.5
84.5	0.8988	199.7	0.3503	77.85
85	0.8788	200.6	0.3425	78.19
85.5	0.8582	201.5	0.3345	78.52
86	0.8376	202.3	0.3265	78.85
86.5	0.8176	203.1	0.3187	79.17
87	0.798	203.9	0.311	79.48
87.5	0.7801	204.7	0.3041	79.79
88	0.7636	205.5	0.2976	80.08
88.5	0.748	206.2	0.2915	80.37
89	0.7347	206.9	0.2864	80.66
89.5	0.7257	207.7	0.2829	80.94
90	0.7181	208.4	0.2799	81.22
90.5	0.7116	209.1	0.2774	81.5
91	0.7076	209.8	0.2758	81.78
91.5	0.7044	210.5	0.2746	82.05
92	0.7013	211.2	0.2733	82.32
92.5	0.699	211.9	0.2724	82.6
93	0.6973	212.6	0.2718	82.87
93.5	0.6965	213.3	0.2715	83.14
94	0.6962	214	0.2714	83.41
94.5	0.6962	214.7	0.2714	83.68

95	0.6964	215.4	0.2714	83.95
95.5	0.6967	216.1	0.2716	84.23
96	0.6976	216.8	0.2719	84.5
96.5	0.6983	217.5	0.2722	84.77
97	0.6989	218.2	0.2724	85.04
97.5	0.7001	218.9	0.2729	85.32
98	0.7008	219.6	0.2732	85.59
98.5	0.7018	220.3	0.2735	85.86
99	0.7029	221	0.274	86.14
99.5	0.7042	221.7	0.2745	86.41
100	0.7051	222.4	0.2748	86.69
100.5	0.7059	223.1	0.2751	86.96
101	0.7072	223.8	0.2757	87.24
101.5	0.7085	224.5	0.2761	87.51
102	0.7094	225.2	0.2765	87.79
102.5	0.7106	225.9	0.277	88.07
103	0.7113	226.7	0.2773	88.34
103.5	0.7126	227.4	0.2778	88.62
104	0.7132	228.1	0.278	88.9
104.5	0.7144	228.8	0.2784	89.18
105	0.715	229.5	0.2787	89.46
105.5	0.7161	230.2	0.2791	89.73
106	0.7167	230.9	0.2793	90.01
106.5	0.7175	231.7	0.2796	90.29
107	0.7175	232.4	0.2797	90.57
107.5	0.7179	233.1	0.2798	90.85
108	0.7178	233.8	0.2798	91.13
108.5	0.7178	234.5	0.2798	91.41
109	0.717	235.3	0.2795	91.69
109.5	0.7162	236	0.2791	91.97
110	0.715	236.7	0.2787	92.25
110.5	0.7136	237.4	0.2781	92.53
111	0.7121	238.1	0.2776	92.81
111.5	0.7095	238.8	0.2765	93.08
112	0.7067	239.5	0.2755	93.36
112.5	0.7033	240.2	0.2741	93.63
113	0.6987	240.9	0.2723	93.9
113.5	0.6935	241.6	0.2703	94.17
114	0.6863	242.3	0.2675	94.44
114.5	0.6778	243	0.2642	94.71
115	0.6669	243.6	0.2599	94.97
115.5	0.6562	244.3	0.2557	95.22
116	0.6437	244.9	0.2509	95.47
116.5	0.6313	245.6	0.2461	95.72
117	0.617	246.2	0.2405	95.96
117.5	0.6019	246.8	0.2346	96.19
118	0.5851	247.4	0.228	96.42
118.5	0.5661	248	0.2206	96.64
119	0.5466	248.5	0.213	96.86

119.5	0.5264	249	0.2052	97.06
120	0.5059	249.5	0.1972	97.26
120.5	0.4851	250	0.1891	97.45
121	0.4643	250.5	0.181	97.63
121.5	0.4426	250.9	0.1725	97.8
122	0.4206	251.3	0.1639	97.96
122.5	0.3982	251.7	0.1552	98.12
123	0.3761	252.1	0.1466	98.27
123.5	0.3542	252.5	0.1381	98.4
124	0.3322	252.8	0.1295	98.53
124.5	0.31	253.1	0.1208	98.65
125	0.2879	253.4	0.1122	98.77
125.5	0.2662	253.7	0.1038	98.87
126	0.2439	253.9	0.09508	98.97
126.5	0.2221	254.1	0.08655	99.05
127	0.2009	254.3	0.07829	99.13
127.5	0.1805	254.5	0.07033	99.2
128	0.1608	254.7	0.06269	99.26
128.5	0.1419	254.8	0.05533	99.32
129	0.1244	254.9	0.0485	99.37
129.5	0.1083	255.1	0.04221	99.41
130	0.09462	255.1	0.03688	99.45
130.5	0.08334	255.2	0.03248	99.48
131	0.07474	255.3	0.02913	99.51
131.5	0.06725	255.4	0.02621	99.53
132	0.06141	255.4	0.02393	99.56
132.5	0.05596	255.5	0.02181	99.58
133	0.05161	255.5	0.02011	99.6
133.5	0.04733	255.6	0.01845	99.62
134	0.04398	255.6	0.01714	99.64
134.5	0.0414	255.7	0.01614	99.65
135	0.03963	255.7	0.01545	99.67
135.5	0.03799	255.7	0.01481	99.68
136	0.03646	255.8	0.01421	99.7
136.5	0.03497	255.8	0.01363	99.71
137	0.03354	255.9	0.01307	99.72
137.5	0.03218	255.9	0.01254	99.74
138	0.03083	255.9	0.01202	99.75
138.5	0.02955	255.9	0.01152	99.76
139	0.0283	256	0.01103	99.77
139.5	0.02714	256	0.01058	99.78
140	0.02601	256	0.01014	99.79
140.5	0.0249	256.1	0.009707	99.8
141	0.02384	256.1	0.009291	99.81
141.5	0.02282	256.1	0.008896	99.82
142	0.02186	256.1	0.008519	99.83
142.5	0.02092	256.1	0.008155	99.84
143	0.02008	256.2	0.007827	99.84
143.5	0.01927	256.2	0.007511	99.85

144	0.01845	256.2	0.007192	99.86
144.5	0.01769	256.2	0.006895	99.86
145	0.01697	256.2	0.006613	99.87
145.5	0.01627	256.3	0.00634	99.88
146	0.01557	256.3	0.006069	99.88
146.5	0.01492	256.3	0.005816	99.89
147	0.0143	256.3	0.005575	99.9
147.5	0.01372	256.3	0.005347	99.9
148	0.0131	256.3	0.005104	99.91
148.5	0.01256	256.3	0.004897	99.91
149	0.01203	256.3	0.00469	99.92
149.5	0.01151	256.4	0.004485	99.92
150	0.01101	256.4	0.00429	99.92
150.5	0.01053	256.4	0.004104	99.93
151	0.01007	256.4	0.003924	99.93
151.5	0.009639	256.4	0.003757	99.94
152	0.009207	256.4	0.003588	99.94
152.5	0.008803	256.4	0.003431	99.94
153	0.008409	256.4	0.003277	99.95
153.5	0.008023	256.4	0.003127	99.95
154	0.007666	256.4	0.002988	99.95
154.5	0.007314	256.4	0.002851	99.96
155	0.006972	256.5	0.002717	99.96
155.5	0.006651	256.5	0.002592	99.96
156	0.00634	256.5	0.002471	99.96
156.5	0.00604	256.5	0.002354	99.97
157	0.005757	256.5	0.002244	99.97
157.5	0.005491	256.5	0.00214	99.97
158	0.005226	256.5	0.002037	99.97
158.5	0.004974	256.5	0.001939	99.97
159	0.004745	256.5	0.001849	99.98
159.5	0.004524	256.5	0.001763	99.98
160	0.00432	256.5	0.001684	99.98
160.5	0.004111	256.5	0.001602	99.98
161	0.003926	256.5	0.00153	99.98
161.5	0.003736	256.5	0.001456	99.98
162	0.003566	256.5	0.00139	99.98
162.5	0.003408	256.5	0.001328	99.99
163	0.003267	256.5	0.001274	99.99
163.5	0.003117	256.5	0.001215	99.99
164	0.002987	256.5	0.001164	99.99
164.5	0.002858	256.5	0.001114	99.99
165	0.002731	256.5	0.001064	99.99
165.5	0.002608	256.5	0.001016	99.99
166	0.002492	256.5	0.0009714	99.99
166.5	0.002376	256.6	0.0009261	99.99
167	0.002271	256.6	0.000885	100
167.5	0.002165	256.6	0.0008437	100
168	0.002064	256.6	0.0008043	100

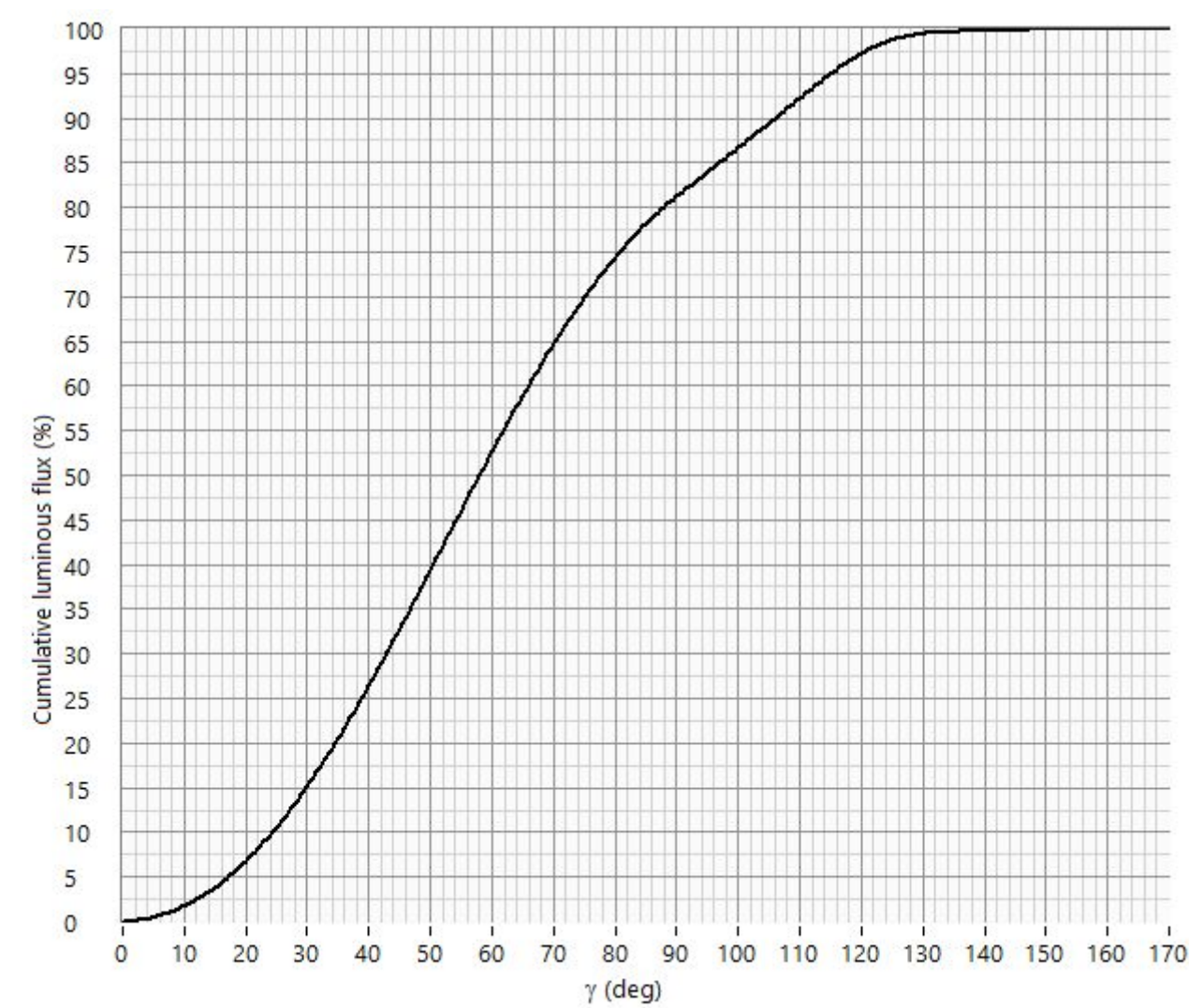
Report time: 2.5.2025 13.50
Report No.: DECO50-250024

Manufacturer: Secto Design

Item No.: Teelo 8020

168.5	0.00197	256.6	0.0007677	100
169	0.001882	256.6	0.0007335	100
169.5	0.00179	256.6	0.0006979	100
170	0.0008624	256.6	0.0003361	100

Figure. Cumulative luminous flux



Söllner diagram (EN 12464) - Luminance

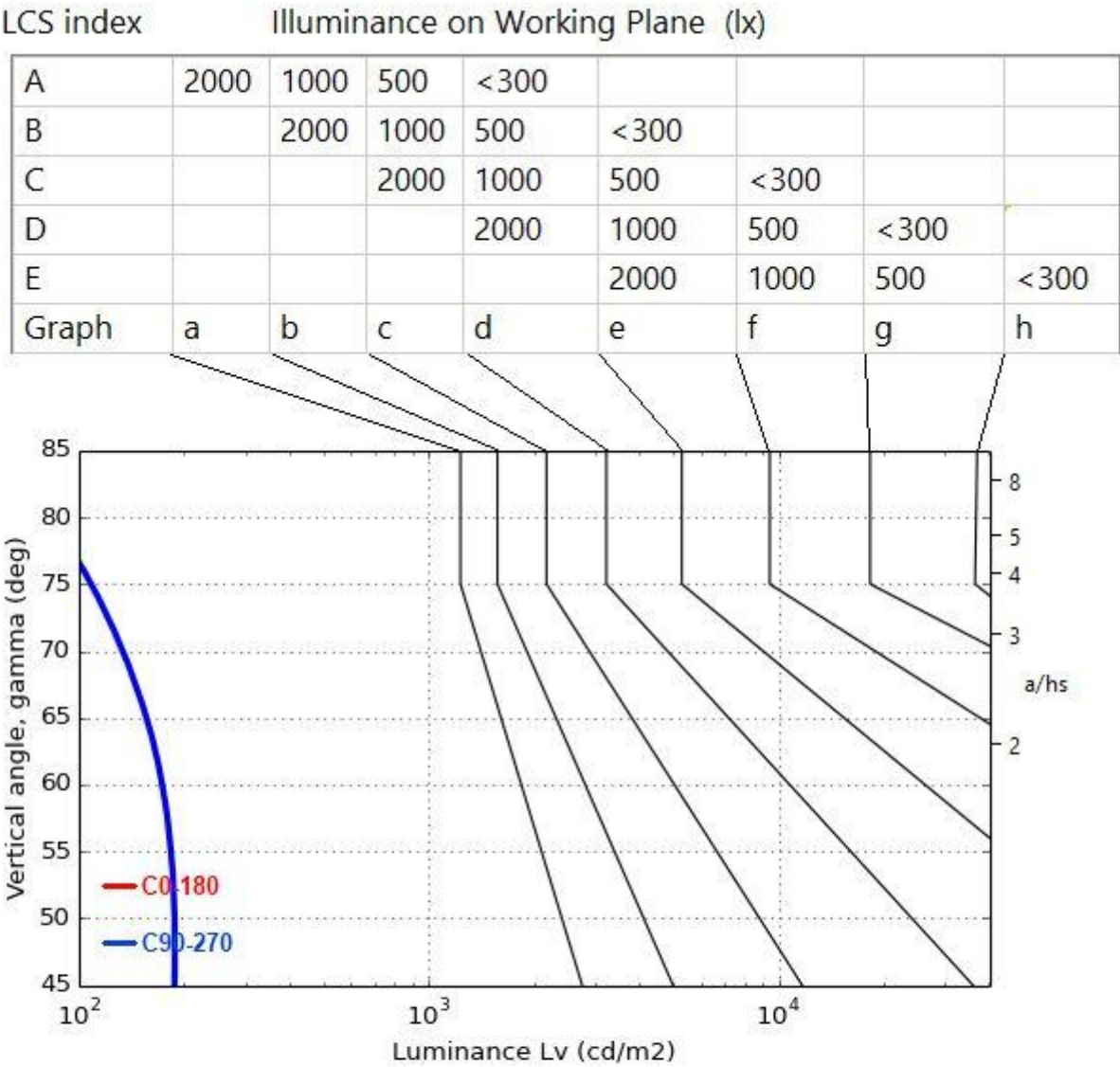


Table. Luminance [Lv] = cd/m2

	C 0	C 45	C 90
γ 0	191	191	191
γ 45	78	117	188
γ 55	59	103	184
γ 65	41	89	156
γ 75	24	77	109
γ 85	7	57	54

UGR table (CIE 190, SHR =1, H=2m)

Ceiling		70	70	50	50	30		70	70	50	50	30
Walls		50	30	50	30	30		50	30	50	30	30
Floor		20	20	20	20	20		20	20	20	20	20
Room size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
X	Y											
2H	2H	5.0	5.0	5.0	5.0	5.0	5.3	6.7	5.9	7.4	8.1	
	3H	5.0	5.0	5.0	5.0	5.0	7.7	9.0	8.4	9.6	10.4	
	4H	5.0	5.0	5.0	5.0	5.0	8.7	9.9	9.3	10.5	11.3	
	6H	5.0	5.0	5.0	5.0	5.0	9.4	10.5	10.0	11.2	12.0	
	8H	5.0	5.0	5.0	5.0	5.0	9.6	10.7	10.3	11.4	12.2	
4H	12H	5.0	5.0	5.0	5.0	5.0	9.8	10.8	10.5	11.5	12.3	
	2H	5.0	5.0	5.0	5.0	5.0	5.4	6.6	6.1	7.3	8.1	
	3H	5.0	5.0	5.0	5.0	5.0	8.2	9.2	8.9	9.9	10.7	
	4H	5.0	5.0	5.0	5.0	5.0	9.4	10.3	10.1	11.1	11.9	
	6H	5.0	5.0	5.0	5.0	5.2	10.5	11.3	11.2	12.0	12.9	
8H	8H	5.0	5.0	5.0	5.0	5.2	10.9	11.7	11.6	12.4	13.3	
	12H	5.0	5.0	5.0	5.0	5.2	11.2	11.9	11.9	12.7	13.5	
	4H	5.0	5.0	5.0	5.3	6.2	9.5	10.3	10.2	11.0	11.9	
	6H	5.0	5.0	5.0	5.7	6.5	10.8	11.5	11.6	12.3	13.2	
	8H	5.0	5.0	5.1	5.7	6.6	11.5	12.1	12.2	12.9	13.7	
12H	12H	5.0	5.0	5.2	5.7	6.7	12.1	12.6	12.8	13.4	14.3	
	4H	5.0	5.0	5.0	5.7	6.6	9.5	10.2	10.2	11.0	11.8	
	6H	5.0	5.5	5.6	6.2	7.1	10.9	11.5	11.6	12.2	13.1	
	8H	5.0	5.6	5.8	6.3	7.3	11.6	12.1	12.3	12.9	13.8	

Figure. Number of luminaires in different sizes of rectangular spaces.

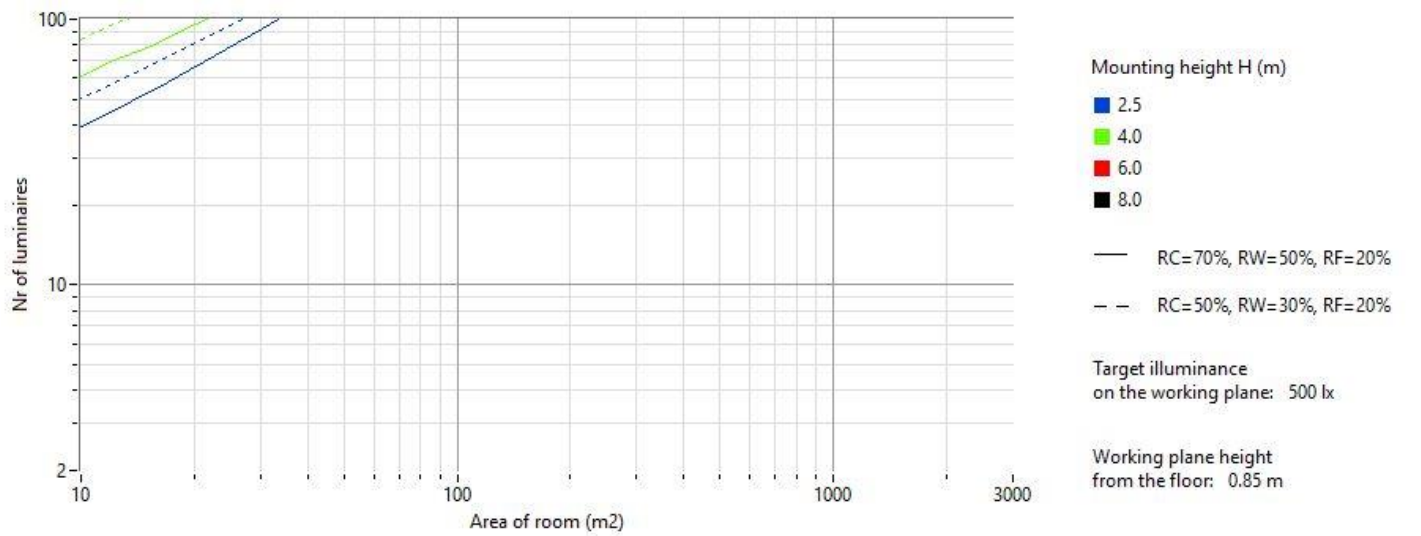


Table. Coefficient of Utilization (CU).

RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
0	115	115	115	115	110	110	110	110	101	101	101	92	92	92	85	85	85
1	90	84	80	76	88	83	78	75	80	76	73	77	74	71	74	72	69
2	83	75	67	61	80	73	66	60	69	63	59	65	61	57	62	58	55
3	77	66	58	51	74	64	56	50	60	54	48	57	51	46	53	49	45
4	71	59	50	43	68	57	48	42	53	46	40	50	44	39	47	42	37
5	65	52	43	37	63	51	42	36	47	40	34	44	38	33	41	36	32
6	61	47	38	32	58	46	37	31	43	35	30	40	33	28	37	32	27
7	56	43	34	28	54	41	33	27	39	31	26	36	30	25	34	28	24
8	52	39	30	24	50	38	30	24	35	28	23	33	27	22	31	25	21
9	49	36	27	22	47	34	27	21	32	25	20	30	24	20	28	23	19
10	46	33	25	20	44	32	24	19	30	23	18	28	22	18	26	21	17

Table. Wall Exitance Coefficients (WEC).

RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
1	61.3	41.7	23.9	7.6	59.3	40.5	23.3	7.5	37.9	21.8	7.0	34.9	20.2	6.5	31.5	18.3	5.9
2	56.4	37.2	20.7	6.5	54.4	35.9	20.1	6.3	33.4	18.8	5.9	30.5	17.3	5.4	27.3	15.5	4.9
3	52.7	33.8	18.5	5.7	50.6	32.6	17.9	5.5	30.1	16.6	5.1	27.4	15.2	4.7	24.3	13.5	4.2
4	49.6	31.1	16.8	5.1	47.5	30.0	16.2	5.0	27.5	15.0	4.6	24.9	13.6	4.2	21.9	12.0	3.7
5	47.0	29.0	15.5	4.7	44.9	27.9	14.9	4.5	25.4	13.7	4.2	22.8	12.3	3.7	19.9	10.7	3.3
6	44.7	27.2	14.5	4.4	42.6	26.1	13.9	4.2	23.7	12.7	3.8	21.2	11.3	3.4	18.4	9.8	2.9
7	42.7	25.8	13.7	4.1	40.6	24.7	13.1	4.0	22.3	11.8	3.6	19.8	10.5	3.1	17.0	8.9	2.7
8	40.9	24.6	13.0	4.0	38.9	23.4	12.4	3.8	21.1	11.1	3.4	18.6	9.8	2.9	15.9	8.3	2.4
9	39.4	23.5	12.5	3.8	37.4	22.4	11.9	3.6	20.0	10.6	3.2	17.6	9.2	2.8	14.9	7.7	2.3
10	38.0	22.7	12.1	3.7	36.0	21.5	11.4	3.5	19.2	10.1	3.1	16.7	8.7	2.6	14.0	7.2	2.1

Table. Ceiling Cavity Exitance Coefficients (CCEC).

RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
1	198.3	184.0	171.2	159.6	72.5	66.0	60.3	55.0	18.5	16.3	14.2	7.7	6.7	5.8	2.3	2.0	1.7
2	192.8	167.5	146.5	128.9	71.6	60.3	50.9	42.9	17.3	13.7	10.6	7.4	5.8	4.4	2.2	1.8	1.4
3	185.4	151.6	125.4	104.6	69.6	54.6	42.8	33.4	16.0	11.5	7.9	7.0	5.1	3.4	2.1	1.6	1.1
4	176.7	136.5	107.0	84.5	66.9	49.1	35.9	25.6	14.7	9.7	5.7	6.6	4.4	2.6	2.0	1.4	0.9
5	167.2	122.3	90.9	67.7	63.7	43.8	29.7	19.1	13.3	8.1	4.0	6.2	3.9	2.0	1.9	1.3	0.8
6	157.4	109.0	76.6	53.3	60.2	38.8	24.2	13.6	12.1	6.6	2.5	5.8	3.4	1.6	1.9	1.2	0.7
7	147.5	96.8	63.9	40.9	56.6	34.2	19.4	8.8	10.8	5.3	1.3	5.4	3.0	1.1	1.8	1.1	0.6
8	137.7	85.5	52.7	30.2	53.0	29.9	15.0	4.7	9.7	4.1	0.2	5.0	2.6	0.8	1.7	1.0	0.5
9	128.3	75.3	42.8	20.9	49.4	25.9	11.2	1.1	8.6	3.1	-0.7	4.6	2.2	0.5	1.6	0.9	0.4
10	119.2	65.9	34.0	12.7	45.9	22.2	7.7	-2.0	7.6	2.2	-1.6	4.2	1.9	0.2	1.5	0.9	0.4

CONE DIAGRAM

- Cone is limited by the beam angle at the planes of C0 and C90
- H = Mounting Height
- D = Cone diameter
- Ev Edge = Illuminance at the edge of the cone of the C0/90 plane
- Ev Center = Illuminance at the center of the cone

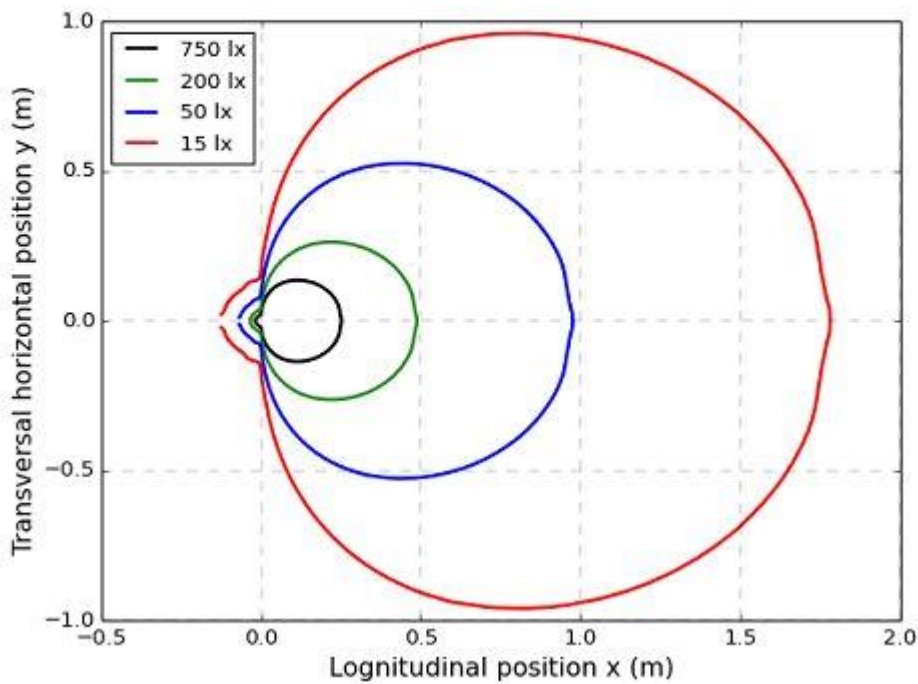
Cone diagram not available.

Possible reasons:

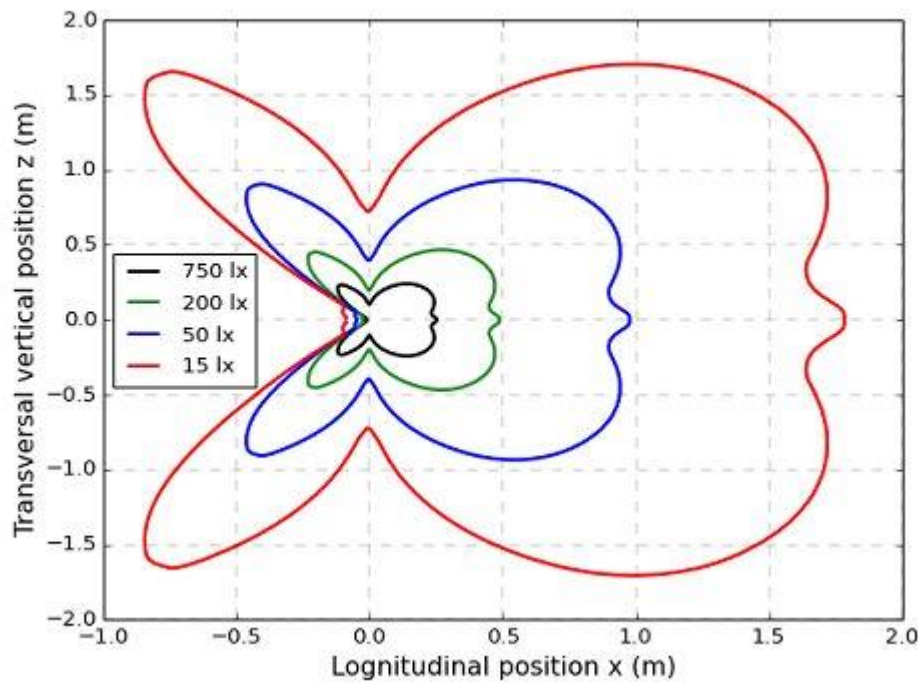
- asymmetric beam
- beam too wide

LOGNITUDINAL ISOLUX CURVES

Horizontal



Vertical



Illumination uniformity figures at the perpendicular plane to the lamp axis.

Mounting height of 2.50 m.

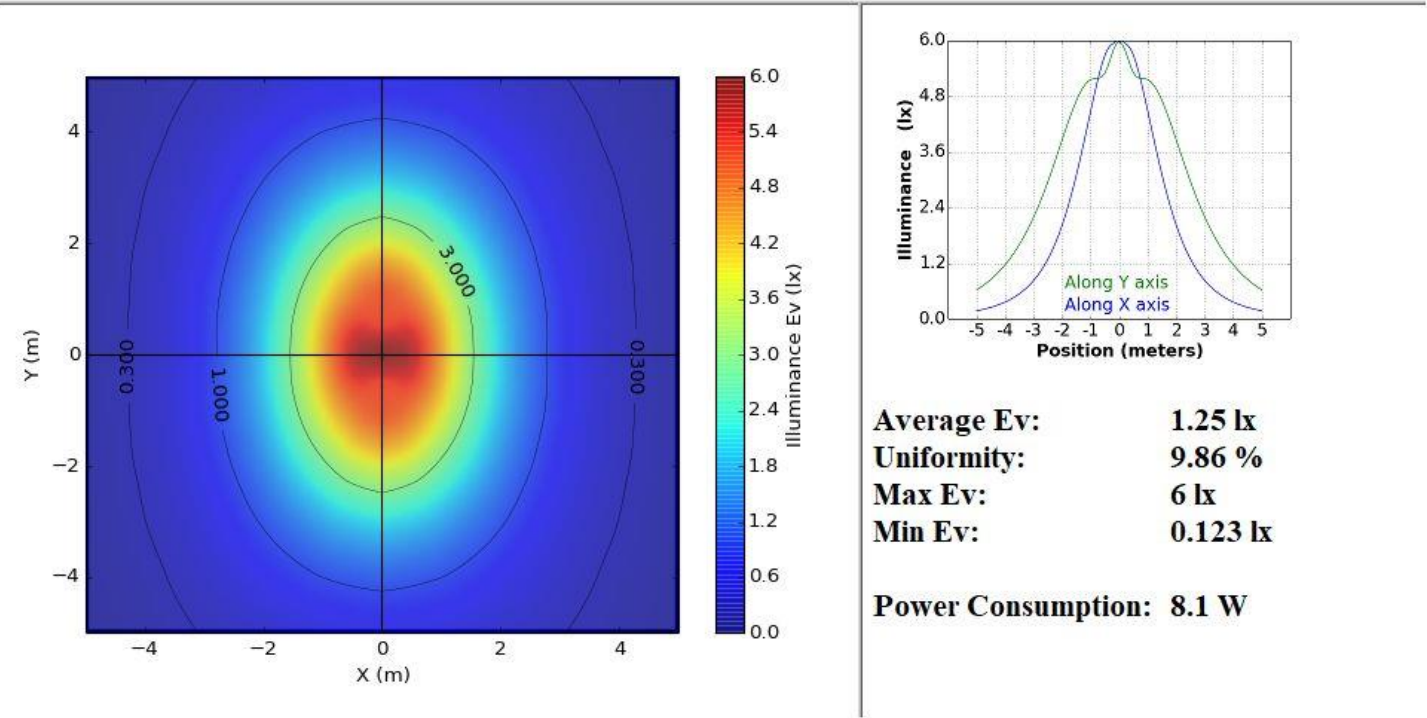
Lamp center position $x = 0.0$ m, $y = 0.0$ m.

C rotation of 0.0 deg. Gamma rotation of 0.0 deg.

Maintenance factor = 0.80.

Nr of lamps: X = 1 pcs, Y = 1 pcs.

Distance between lamps: X = 0.00 meters, Y = 0.00 meters.



GonioSpectroRadiometric Test Report

