

Beam angle determined by Luminous Intensity, Iv max\*50%. C0-180: 35.9 de

Table. Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
368 lm	8.1 W	45.4 lm/W	100.0 %	91.0 %	384.5 cd

Table. Electrical parameters during the light measurements.

	Pin	PF	Vin	If
Value	8.119 W	0.9323	230.4 V	0.0380 A
St.dev.	0.02 %	0.05 %	0.01 %	0.00 %

Table. Maximum Luminous Intensity and its direction

Iv	g	C plane
400 cd	8.0°	75.0°

Table. Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	35.9°	95.3°	0.3°
C90-270	37.3°	88.5°	10.1°

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

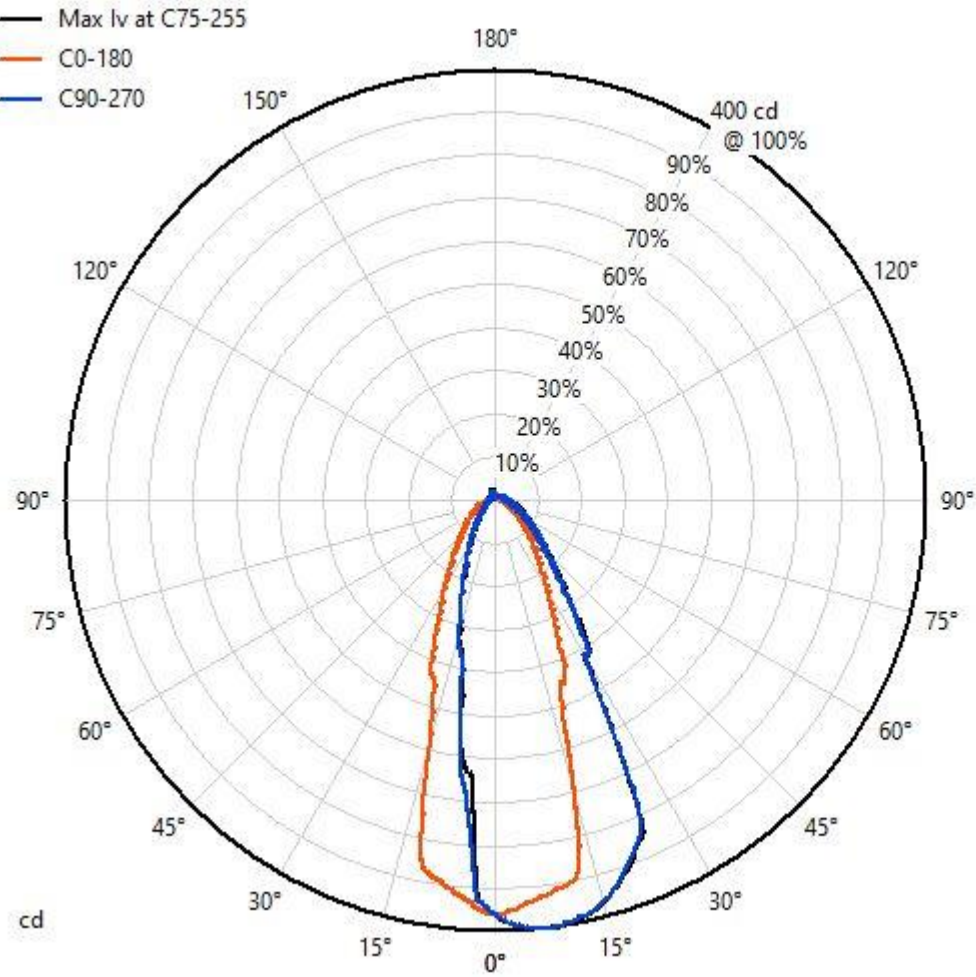
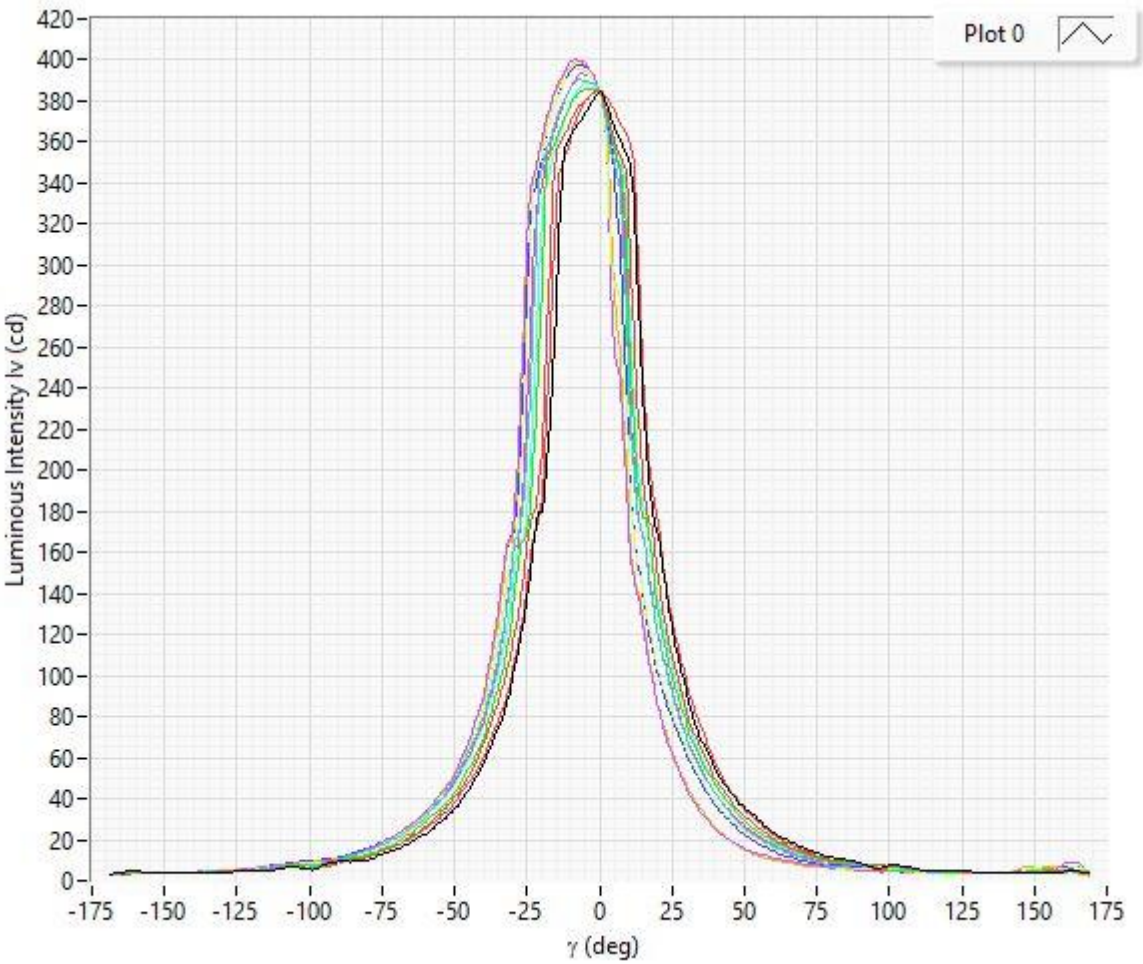


Figure. Luminous Intensity distribution in cartesian diagram at all measured C planes.



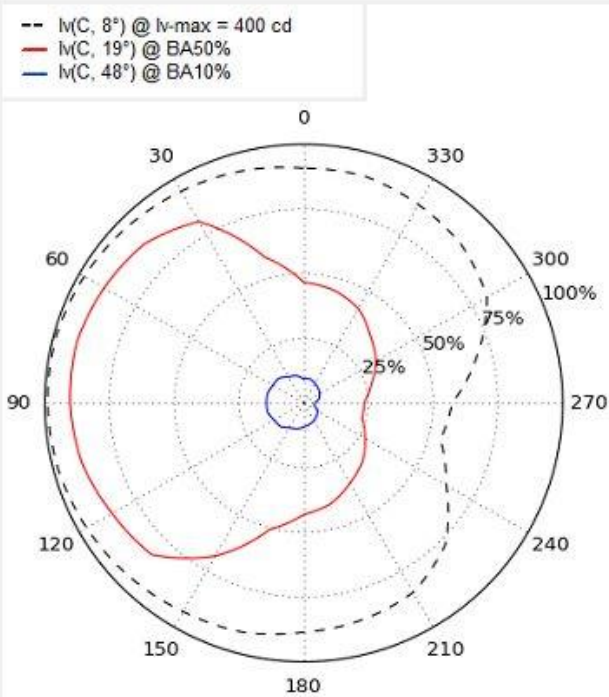


Table. Zonal lumen summary

	Lumens	Relative lumens (%)
0-20	110.00	29.89
0-30	180.00	48.91
0-40	229.70	62.42
0-60	291.40	79.18
0-80	324.60	88.21
0-90	335.00	91.03
10-90	299.58	81.41
20-40	119.70	32.53
20-50	155.30	42.20
40-70	80.90	21.98
40-90	105.30	28.61
60-80	33.20	9.02
60-90	43.60	11.85
70-80	14.00	3.80
80-90	10.40	2.83
90-110	15.00	4.08
90-120	20.10	5.46
90-130	24.10	6.55
90-150	29.80	8.10
90-180	33.00	8.97
110-180	18.00	4.89
0-180	368.00	100.00
	184.80	50.22

**Table. Cumulative and Zonal luminous flux**

gamma (deg)	Zone Flux (lm)	Sum Flux (lm)	Zone Flux (%)	Sum Flux (%)
0	0.023	0.023	0.006249	0.006249
0.5	0.1839	0.2069	0.04997	0.05622
1	0.3672	0.5741	0.09979	0.156
1.5	0.5496	1.124	0.1494	0.3054
2	0.731	1.855	0.1986	0.504
2.5	0.9098	2.764	0.2472	0.7512
3	1.083	3.847	0.2942	1.045
3.5	1.251	5.098	0.3399	1.385
4	1.415	6.513	0.3846	1.77
4.5	1.578	8.091	0.4287	2.199
5	1.741	9.832	0.4731	2.672
5.5	1.905	11.74	0.5178	3.189
6	2.069	13.81	0.5621	3.752
6.5	2.231	16.04	0.6062	4.358
7	2.387	18.42	0.6487	5.006
7.5	2.534	20.96	0.6885	5.695
8	2.667	23.62	0.7248	6.42
8.5	2.788	26.41	0.7577	7.178
9	2.901	29.31	0.7884	7.966
9.5	3.005	32.32	0.8166	8.782
10	3.1	35.42	0.8424	9.625
10.5	3.188	38.61	0.8665	10.49
11	3.275	41.88	0.89	11.38
11.5	3.355	45.24	0.9117	12.29
12	3.43	48.67	0.932	13.23
12.5	3.495	52.16	0.9497	14.17
13	3.556	55.72	0.9664	15.14
13.5	3.62	59.34	0.9836	16.12
14	3.682	63.02	1	17.13
14.5	3.74	66.76	1.016	18.14
15	3.792	70.55	1.03	19.17
15.5	3.837	74.39	1.043	20.21
16	3.872	78.26	1.052	21.27
16.5	3.902	82.16	1.06	22.33
17	3.931	86.09	1.068	23.4
17.5	3.952	90.05	1.074	24.47
18	3.971	94.02	1.079	25.55
18.5	3.982	98	1.082	26.63
19	3.991	102	1.085	27.72
19.5	3.993	106	1.085	28.8
20	3.988	110	1.084	29.88
20.5	3.988	114	1.084	30.97
21	3.977	117.9	1.081	32.05

21.5	3.956	121.9	1.075	33.12
22	3.929	125.8	1.068	34.19
22.5	3.893	129.7	1.058	35.25
23	3.856	133.6	1.048	36.3
23.5	3.81	137.4	1.035	37.33
24	3.75	141.1	1.019	38.35
24.5	3.679	144.8	0.9997	39.35
25	3.588	148.4	0.9751	40.33
25.5	3.496	151.9	0.95	41.28
26	3.409	155.3	0.9264	42.2
26.5	3.325	158.6	0.9034	43.11
27	3.244	161.9	0.8816	43.99
27.5	3.166	165	0.8603	44.85
28	3.099	168.1	0.842	45.69
28.5	3.044	171.2	0.8272	46.52
29	2.995	174.2	0.814	47.33
29.5	2.955	177.1	0.803	48.13
30	2.919	180	0.7931	48.93
30.5	2.888	182.9	0.7847	49.71
31	2.859	185.8	0.777	50.49
31.5	2.824	188.6	0.7675	51.26
32	2.782	191.4	0.7559	52.01
32.5	2.731	194.1	0.7422	52.75
33	2.677	196.8	0.7274	53.48
33.5	2.626	199.4	0.7135	54.2
34	2.58	202	0.701	54.9
34.5	2.532	204.5	0.6882	55.58
35	2.485	207	0.6752	56.26
35.5	2.442	209.5	0.6637	56.92
36	2.403	211.9	0.6529	57.58
36.5	2.362	214.2	0.6419	58.22
37	2.32	216.6	0.6304	58.85
37.5	2.28	218.8	0.6195	59.47
38	2.241	221.1	0.6089	60.08
38.5	2.205	223.3	0.5992	60.68
39	2.17	225.5	0.5898	61.27
39.5	2.136	227.6	0.5804	61.85
40	2.101	229.7	0.571	62.42
40.5	2.066	231.8	0.5614	62.98
41	2.032	233.8	0.5521	63.53
41.5	2.001	235.8	0.5438	64.07
42	1.972	237.8	0.5359	64.61
42.5	1.942	239.7	0.5278	65.14
43	1.91	241.6	0.519	65.66
43.5	1.878	243.5	0.5102	66.17
44	1.848	245.3	0.5022	66.67
44.5	1.818	247.2	0.4941	67.16
45	1.786	248.9	0.4854	67.65
45.5	1.757	250.7	0.4774	68.13



46	1.73	252.4	0.4702	68.6
46.5	1.704	254.1	0.4631	69.06
47	1.678	255.8	0.456	69.52
47.5	1.652	257.5	0.449	69.96
48	1.625	259.1	0.4416	70.41
48.5	1.599	260.7	0.4345	70.84
49	1.575	262.3	0.4279	71.27
49.5	1.55	263.8	0.4213	71.69
50	1.526	265.3	0.4147	72.1
50.5	1.503	266.8	0.4083	72.51
51	1.48	268.3	0.4023	72.92
51.5	1.458	269.8	0.3961	73.31
52	1.434	271.2	0.3897	73.7
52.5	1.411	272.6	0.3834	74.08
53	1.39	274	0.3777	74.46
53.5	1.37	275.4	0.3723	74.83
54	1.35	276.7	0.3667	75.2
54.5	1.33	278.1	0.3613	75.56
55	1.31	279.4	0.3561	75.92
55.5	1.291	280.7	0.3508	76.27
56	1.272	281.9	0.3456	76.62
56.5	1.252	283.2	0.3402	76.96
57	1.232	284.4	0.3349	77.29
57.5	1.213	285.6	0.3296	77.62
58	1.194	286.8	0.3243	77.94
58.5	1.174	288	0.3191	78.26
59	1.156	289.2	0.3141	78.58
59.5	1.138	290.3	0.3093	78.89
60	1.121	291.4	0.3047	79.19
60.5	1.105	292.5	0.3003	79.49
61	1.089	293.6	0.2959	79.79
61.5	1.072	294.7	0.2914	80.08
62	1.055	295.7	0.2868	80.37
62.5	1.039	296.8	0.2822	80.65
63	1.022	297.8	0.2776	80.93
63.5	1.005	298.8	0.2732	81.2
64	0.9898	299.8	0.269	81.47
64.5	0.9749	300.8	0.2649	81.73
65	0.9596	301.7	0.2608	81.99
65.5	0.945	302.7	0.2568	82.25
66	0.9316	303.6	0.2532	82.5
66.5	0.9181	304.5	0.2495	82.75
67	0.905	305.4	0.2459	83
67.5	0.8915	306.3	0.2423	83.24
68	0.8779	307.2	0.2386	83.48
68.5	0.8642	308.1	0.2349	83.71
69	0.8507	308.9	0.2312	83.95
69.5	0.837	309.8	0.2275	84.17
70	0.8246	310.6	0.2241	84.4

70.5	0.8126	311.4	0.2208	84.62
71	0.7999	312.2	0.2174	84.84
71.5	0.7868	313	0.2138	85.05
72	0.7738	313.7	0.2103	85.26
72.5	0.7609	314.5	0.2068	85.47
73	0.7491	315.3	0.2036	85.67
73.5	0.7379	316	0.2005	85.87
74	0.727	316.7	0.1976	86.07
74.5	0.7158	317.4	0.1945	86.26
75	0.7047	318.1	0.1915	86.45
75.5	0.6935	318.8	0.1885	86.64
76	0.6829	319.5	0.1856	86.83
76.5	0.672	320.2	0.1826	87.01
77	0.6611	320.9	0.1797	87.19
77.5	0.6505	321.5	0.1768	87.37
78	0.6398	322.1	0.1739	87.54
78.5	0.6296	322.8	0.1711	87.71
79	0.6198	323.4	0.1684	87.88
79.5	0.61	324	0.1658	88.05
80	0.6007	324.6	0.1632	88.21
80.5	0.5918	325.2	0.1608	88.37
81	0.5826	325.8	0.1583	88.53
81.5	0.5738	326.4	0.1559	88.68
82	0.5654	326.9	0.1537	88.84
82.5	0.5575	327.5	0.1515	88.99
83	0.5496	328	0.1494	89.14
83.5	0.5423	328.6	0.1474	89.29
84	0.5351	329.1	0.1454	89.43
84.5	0.5283	329.6	0.1436	89.58
85	0.5217	330.2	0.1418	89.72
85.5	0.5151	330.7	0.14	89.86
86	0.509	331.2	0.1383	90
86.5	0.5026	331.7	0.1366	90.13
87	0.4963	332.2	0.1349	90.27
87.5	0.4898	332.7	0.1331	90.4
88	0.4835	333.1	0.1314	90.53
88.5	0.4772	333.6	0.1297	90.66
89	0.4713	334.1	0.1281	90.79
89.5	0.4658	334.6	0.1266	90.92
90	0.4597	335	0.1249	91.04
90.5	0.4537	335.5	0.1233	91.16
91	0.4475	335.9	0.1216	91.29
91.5	0.4413	336.4	0.1199	91.41
92	0.4352	336.8	0.1183	91.52
92.5	0.4287	337.2	0.1165	91.64
93	0.4222	337.7	0.1147	91.76
93.5	0.4157	338.1	0.113	91.87
94	0.4092	338.5	0.1112	91.98
94.5	0.403	338.9	0.1095	92.09

95	0.3974	339.3	0.108	92.2
95.5	0.3922	339.7	0.1066	92.3
96	0.3879	340.1	0.1054	92.41
96.5	0.3845	340.4	0.1045	92.51
97	0.3815	340.8	0.1037	92.62
97.5	0.3791	341.2	0.103	92.72
98	0.3772	341.6	0.1025	92.82
98.5	0.376	342	0.1022	92.92
99	0.3751	342.3	0.1019	93.03
99.5	0.3746	342.7	0.1018	93.13
100	0.3737	343.1	0.1015	93.23
100.5	0.373	343.5	0.1014	93.33
101	0.3719	343.8	0.101	93.43
101.5	0.3701	344.2	0.1006	93.53
102	0.3682	344.6	0.1	93.63
102.5	0.3661	344.9	0.09949	93.73
103	0.3635	345.3	0.09877	93.83
103.5	0.3605	345.7	0.09796	93.93
104	0.3572	346	0.09706	94.03
104.5	0.3536	346.4	0.0961	94.12
105	0.3496	346.7	0.09501	94.22
105.5	0.3455	347.1	0.09388	94.31
106	0.3413	347.4	0.09274	94.4
106.5	0.3371	347.7	0.09162	94.5
107	0.3324	348.1	0.09034	94.59
107.5	0.3278	348.4	0.08907	94.68
108	0.3229	348.7	0.08776	94.76
108.5	0.318	349	0.08641	94.85
109	0.3126	349.4	0.08496	94.93
109.5	0.307	349.7	0.08344	95.02
110	0.3017	350	0.08198	95.1
110.5	0.2963	350.3	0.08052	95.18
111	0.2908	350.5	0.07901	95.26
111.5	0.2854	350.8	0.07755	95.34
112	0.2801	351.1	0.07612	95.41
112.5	0.2751	351.4	0.07475	95.49
113	0.2702	351.7	0.07343	95.56
113.5	0.2657	351.9	0.07221	95.63
114	0.2615	352.2	0.07106	95.7
114.5	0.2577	352.4	0.07002	95.77
115	0.2541	352.7	0.06905	95.84
115.5	0.2508	352.9	0.06816	95.91
116	0.2477	353.2	0.06732	95.98
116.5	0.2447	353.4	0.06649	96.05
117	0.2418	353.7	0.06572	96.11
117.5	0.239	353.9	0.06496	96.18
118	0.2364	354.2	0.06423	96.24
118.5	0.2337	354.4	0.06351	96.3
119	0.2312	354.6	0.06282	96.37

119.5	0.2286	354.9	0.06212	96.43
120	0.2261	355.1	0.06144	96.49
120.5	0.2236	355.3	0.06075	96.55
121	0.221	355.5	0.06006	96.61
121.5	0.2185	355.7	0.05938	96.67
122	0.216	356	0.05869	96.73
122.5	0.2134	356.2	0.05799	96.79
123	0.2108	356.4	0.05729	96.84
123.5	0.2083	356.6	0.05662	96.9
124	0.2059	356.8	0.05596	96.96
124.5	0.2035	357	0.0553	97.01
125	0.201	357.2	0.05461	97.07
125.5	0.1986	357.4	0.05396	97.12
126	0.1962	357.6	0.05333	97.17
126.5	0.194	357.8	0.05271	97.23
127	0.1917	358	0.05208	97.28
127.5	0.1893	358.2	0.05144	97.33
128	0.1869	358.4	0.0508	97.38
128.5	0.1848	358.5	0.05021	97.43
129	0.1825	358.7	0.0496	97.48
129.5	0.1804	358.9	0.04902	97.53
130	0.1783	359.1	0.04845	97.58
130.5	0.1763	359.3	0.04791	97.63
131	0.1742	359.4	0.04735	97.67
131.5	0.1721	359.6	0.04678	97.72
132	0.1702	359.8	0.04625	97.77
132.5	0.1683	359.9	0.04574	97.81
133	0.1663	360.1	0.0452	97.86
133.5	0.1644	360.3	0.04467	97.9
134	0.1626	360.4	0.04417	97.95
134.5	0.1607	360.6	0.04367	97.99
135	0.1588	360.8	0.04316	98.03
135.5	0.1571	360.9	0.04268	98.08
136	0.1553	361.1	0.0422	98.12
136.5	0.1535	361.2	0.04171	98.16
137	0.1518	361.4	0.04124	98.2
137.5	0.15	361.5	0.04077	98.24
138	0.1483	361.7	0.0403	98.28
138.5	0.1466	361.8	0.03983	98.32
139	0.1448	362	0.03936	98.36
139.5	0.1432	362.1	0.03891	98.4
140	0.1414	362.2	0.03842	98.44
140.5	0.1398	362.4	0.03798	98.48
141	0.1382	362.5	0.03755	98.51
141.5	0.1367	362.7	0.03716	98.55
142	0.1353	362.8	0.03678	98.59
142.5	0.1341	362.9	0.03645	98.62
143	0.133	363.1	0.03614	98.66
143.5	0.132	363.2	0.03586	98.7

144	0.131	363.3	0.03561	98.73
144.5	0.1301	363.5	0.03535	98.77
145	0.1294	363.6	0.03515	98.8
145.5	0.1286	363.7	0.03494	98.84
146	0.1278	363.8	0.03473	98.87
146.5	0.1269	364	0.03448	98.91
147	0.1261	364.1	0.03426	98.94
147.5	0.1254	364.2	0.03407	98.98
148	0.1245	364.3	0.03384	99.01
148.5	0.1234	364.5	0.03354	99.04
149	0.1221	364.6	0.03317	99.08
149.5	0.1206	364.7	0.03278	99.11
150	0.1189	364.8	0.03232	99.14
150.5	0.1171	364.9	0.03182	99.17
151	0.1152	365.1	0.03131	99.2
151.5	0.1133	365.2	0.0308	99.23
152	0.1116	365.3	0.03033	99.27
152.5	0.1099	365.4	0.02988	99.29
153	0.1084	365.5	0.02946	99.32
153.5	0.1071	365.6	0.02911	99.35
154	0.106	365.7	0.02881	99.38
154.5	0.1048	365.8	0.02848	99.41
155	0.1034	365.9	0.0281	99.44
155.5	0.1017	366	0.02764	99.47
156	0.09978	366.1	0.02711	99.49
156.5	0.0978	366.2	0.02658	99.52
157	0.09552	366.3	0.02596	99.55
157.5	0.0934	366.4	0.02538	99.57
158	0.09121	366.5	0.02479	99.6
158.5	0.08936	366.6	0.02428	99.62
159	0.0879	366.7	0.02389	99.64
159.5	0.08675	366.8	0.02357	99.67
160	0.08567	366.9	0.02328	99.69
160.5	0.08502	366.9	0.0231	99.71
161	0.0839	367	0.0228	99.74
161.5	0.08154	367.1	0.02216	99.76
162	0.0788	367.2	0.02141	99.78
162.5	0.07596	367.3	0.02064	99.8
163	0.07254	367.3	0.01971	99.82
163.5	0.0693	367.4	0.01883	99.84
164	0.06572	367.5	0.01786	99.86
164.5	0.06175	367.5	0.01678	99.87
165	0.05793	367.6	0.01574	99.89
165.5	0.05474	367.6	0.01488	99.91
166	0.05179	367.7	0.01407	99.92
166.5	0.04904	367.7	0.01333	99.93
167	0.04606	367.8	0.01252	99.95
167.5	0.04296	367.8	0.01167	99.96
168	0.04004	367.9	0.01088	99.97

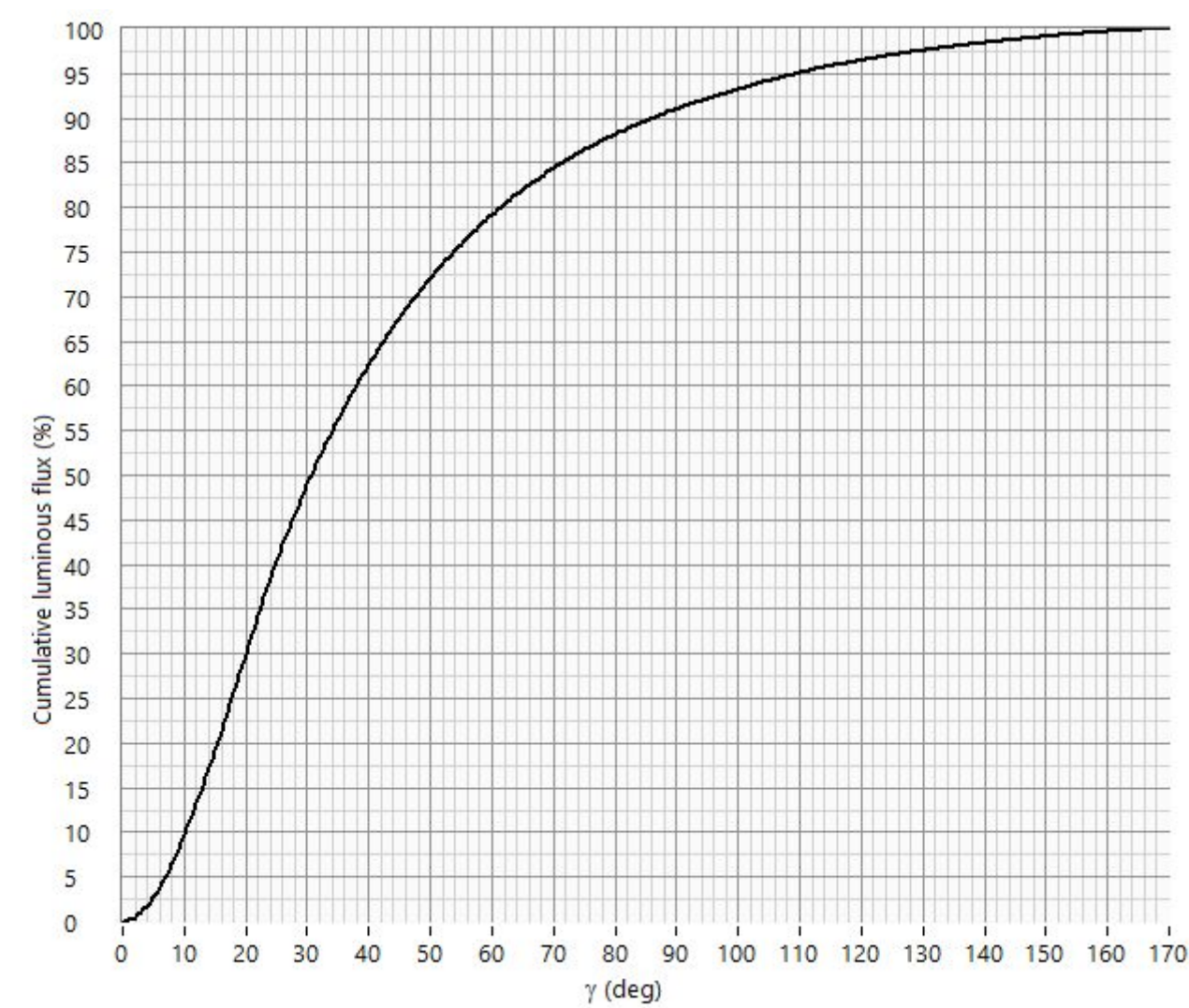
Report time: 2.5.2025 13.22  
Report No.: DECO50-250030

Manufacturer: Secto Design

Item No.: Secto 4210

168.5	0.03734	367.9	0.01015	99.98
169	0.03469	367.9	0.009427	99.99
169.5	0.03199	368	0.008692	100
170	0.0147	368	0.003994	100

Figure. Cumulative luminous flux



Söllner diagram (EN 12464) - Luminance

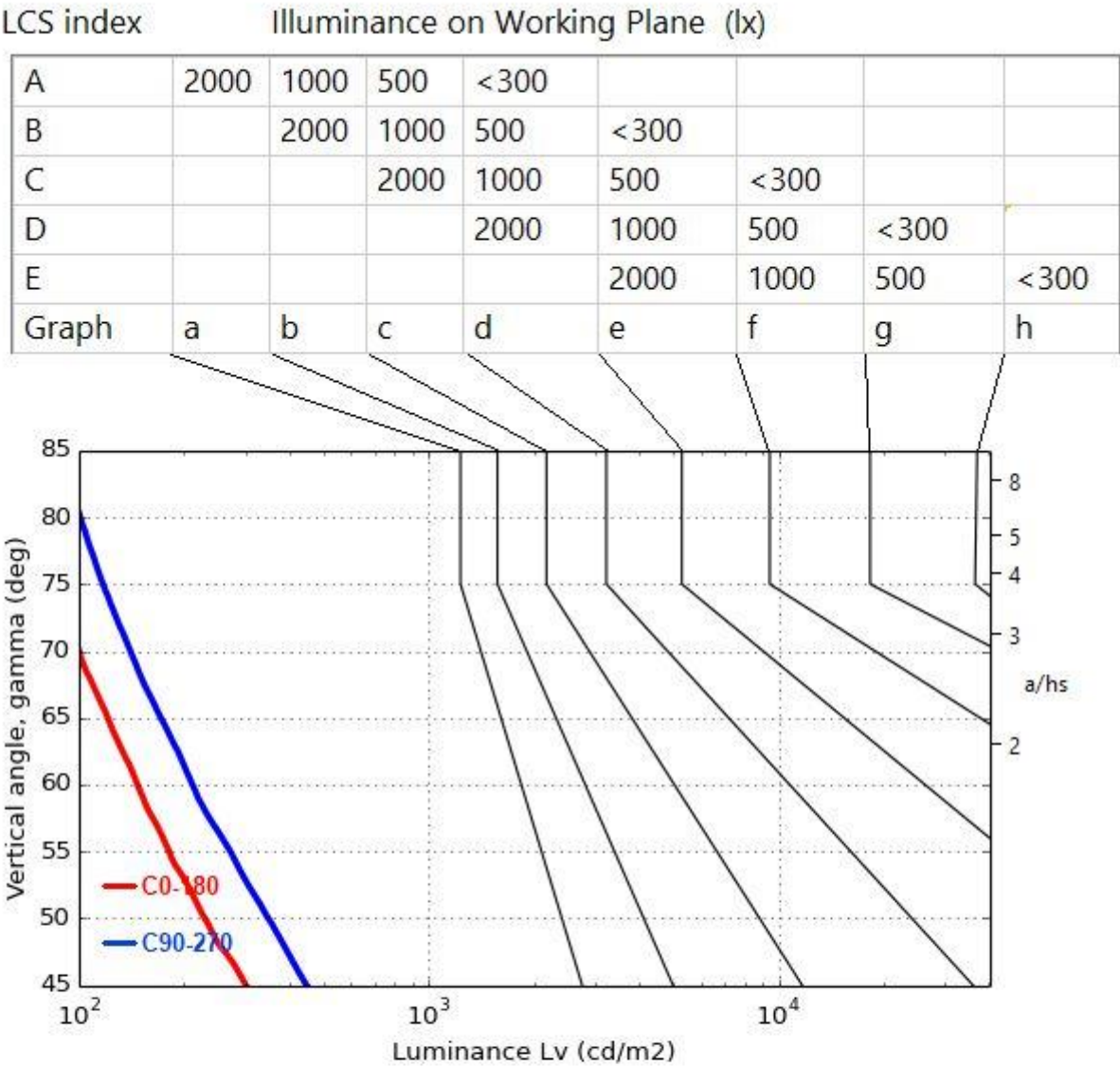


Table. Luminance [Lv] = cd/m2

	C 0	C 45	C 90
γ 0	5439	5439	5439
γ 45	301	427	448
γ 55	182	255	272
γ 65	121	164	172
γ 75	84	114	117
γ 85	65	87	88



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	5.5	5.0	6.0	5.3	6.5	7.0	
	3H		5.0	5.6	5.1	6.1	6.7	6.2	7.2	6.7	7.8	8.3	
	4H		5.0	6.0	5.6	6.6	7.2	6.8	7.8	7.3	8.3	8.9	
	6H		5.5	6.4	6.0	6.9	7.5	7.3	8.2	7.8	8.7	9.4	
	8H		5.7	6.5	6.2	7.1	7.7	7.5	8.4	8.1	9.0	9.6	
	12H		5.9	6.7	6.4	7.3	7.9	7.7	8.6	8.3	9.1	9.8	
4H	2H		5.0	5.0	5.0	5.3	5.9	5.1	6.1	5.6	6.6	7.2	
	3H		5.3	6.1	5.8	6.7	7.3	6.7	7.5	7.2	8.1	8.7	
	4H		5.9	6.6	6.5	7.2	7.9	7.4	8.1	8.0	8.7	9.4	
	6H		6.5	7.1	7.1	7.7	8.4	8.1	8.7	8.7	9.3	10.0	
	8H		6.7	7.3	7.3	7.9	8.6	8.4	9.0	9.0	9.6	10.3	
	12H		7.0	7.5	7.6	8.2	8.9	8.7	9.3	9.3	9.9	10.6	
8H	4H		6.2	6.8	6.8	7.4	8.1	7.5	8.2	8.2	8.8	9.4	
	6H		6.9	7.5	7.6	8.1	8.8	8.4	8.9	9.0	9.6	10.2	
	8H		7.3	7.8	8.0	8.4	9.1	8.8	9.3	9.5	9.9	10.6	
	12H		7.7	8.1	8.4	8.8	9.5	9.3	9.7	9.9	10.3	11.1	
12H	4H		6.2	6.8	6.9	7.4	8.1	7.5	8.1	8.2	8.7	9.4	
	6H		7.0	7.5	7.7	8.1	8.9	8.4	8.9	9.1	9.5	10.3	
	8H		7.5	7.9	8.1	8.5	9.3	8.9	9.3	9.6	10.0	10.7	

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

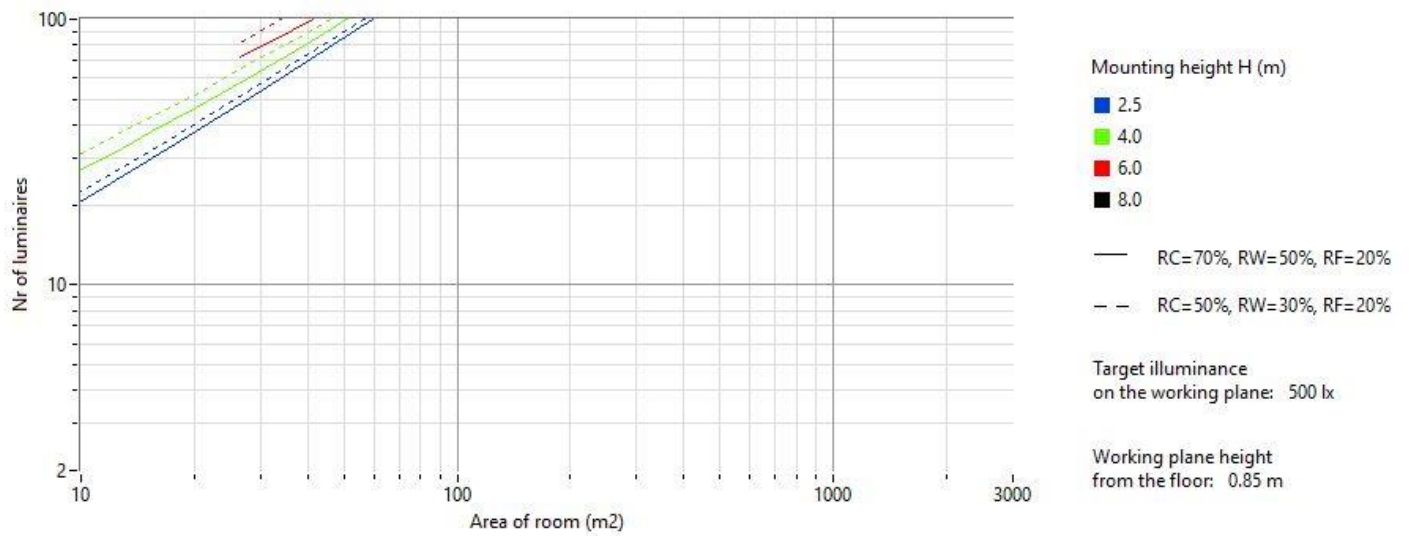


Table. Coefficient of Utilization (CU).

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	117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94
1	91	87	85	82	91	88	85	83	88	86	84	89	87	85	89	88	86
2	87	82	78	74	87	82	78	74	82	78	75	82	78	76	81	79	76
3	84	77	71	67	83	76	71	67	76	71	68	75	71	68	75	71	68
4	80	72	66	61	79	71	66	61	71	66	62	70	65	62	69	65	62
5	76	67	61	56	75	67	61	56	66	61	57	65	60	57	64	60	57
6	73	63	57	52	72	63	57	52	62	56	52	61	56	52	60	56	52
7	69	59	53	49	68	59	53	49	58	53	49	57	52	48	56	52	48
8	66	56	50	45	65	56	50	45	55	49	45	54	49	45	53	49	45
9	63	53	47	43	62	53	47	43	52	46	42	51	46	42	50	46	42
10	60	50	44	40	59	50	44	40	49	44	40	48	43	40	48	43	40

Table. Wall Exitance Coefficients (WEC).

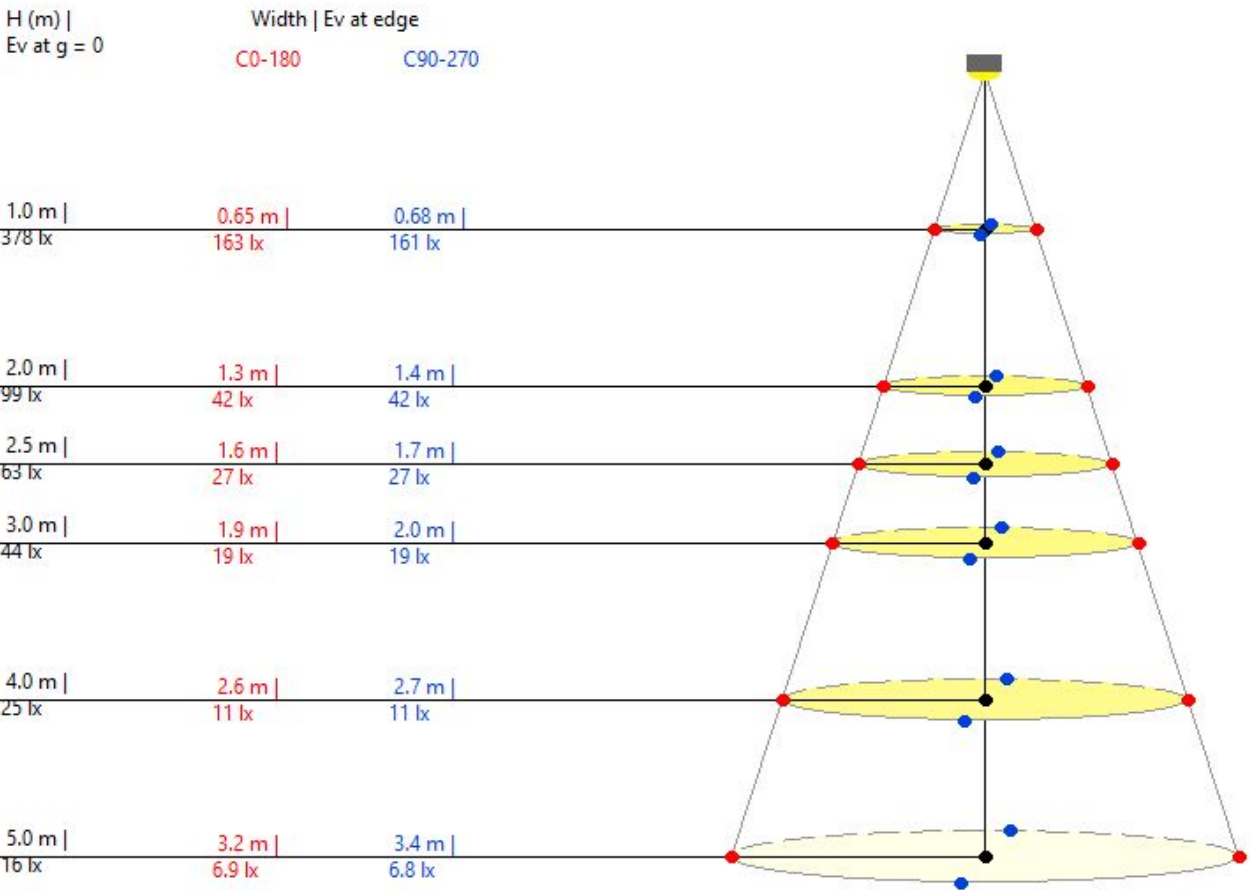
RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
1	40.5	27.5	15.7	5.0	39.0	26.6	15.2	4.9	24.7	14.2	4.6	22.7	13.1	4.2	20.5	11.9	3.8
2	38.5	25.2	14.0	4.3	37.0	24.4	13.6	4.2	22.6	12.7	4.0	20.8	11.7	3.7	18.8	10.6	3.4
3	36.8	23.4	12.7	3.9	35.4	22.6	12.3	3.8	21.0	11.5	3.5	19.2	10.6	3.3	17.4	9.6	3.0
4	35.3	21.9	11.7	3.5	33.9	21.1	11.3	3.4	19.6	10.6	3.2	18.0	9.7	3.0	16.2	8.8	2.7
5	34.0	20.6	10.8	3.2	32.5	19.9	10.5	3.1	18.4	9.8	2.9	16.9	9.0	2.7	15.2	8.2	2.5
6	32.7	19.5	10.2	3.0	31.3	18.8	9.8	2.9	17.4	9.1	2.7	15.9	8.4	2.5	14.3	7.6	2.3
7	31.5	18.6	9.6	2.8	30.2	17.9	9.3	2.8	16.5	8.6	2.6	15.1	7.9	2.3	13.5	7.1	2.1
8	30.5	17.7	9.1	2.7	29.2	17.1	8.8	2.6	15.7	8.2	2.4	14.3	7.4	2.2	12.8	6.7	2.0
9	29.5	17.0	8.8	2.6	28.2	16.4	8.4	2.5	15.0	7.8	2.3	13.7	7.0	2.1	12.2	6.3	1.8
10	28.6	16.4	8.4	2.5	27.3	15.7	8.1	2.4	14.4	7.4	2.2	13.1	6.7	2.0	11.7	5.9	1.7

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	103.1	95.7	89.0	83.0	42.4	38.8	35.5	32.6	14.0	12.6	11.3	6.6	6.0	5.4	2.0	1.8	1.7
2	100.2	87.0	76.1	66.9	41.7	35.3	30.0	25.5	12.9	10.6	8.7	6.2	5.2	4.2	1.9	1.6	1.3
3	96.6	78.8	65.1	54.2	40.6	32.1	25.4	20.0	11.9	9.0	6.7	5.8	4.5	3.4	1.8	1.4	1.1
4	92.3	71.1	55.7	43.8	39.2	29.0	21.4	15.5	10.9	7.7	5.1	5.5	3.9	2.7	1.7	1.3	0.9
5	87.7	64.0	47.4	35.2	37.6	26.1	18.0	11.9	10.0	6.6	3.9	5.1	3.5	2.2	1.6	1.1	0.8
6	82.9	57.3	40.2	27.9	35.8	23.4	15.0	8.8	9.2	5.6	2.9	4.8	3.1	1.7	1.5	1.0	0.7
7	78.1	51.2	33.8	21.6	34.0	20.9	12.3	6.2	8.4	4.7	2.0	4.5	2.7	1.4	1.5	0.9	0.6
8	73.4	45.6	28.2	16.2	32.2	18.6	10.0	4.0	7.7	4.0	1.3	4.2	2.4	1.1	1.4	0.9	0.5
9	68.7	40.5	23.2	11.6	30.3	16.5	7.9	2.0	7.1	3.3	0.7	3.9	2.1	0.9	1.3	0.8	0.4
10	64.3	35.9	18.8	7.5	28.6	14.6	6.1	0.4	6.4	2.7	0.2	3.7	1.9	0.7	1.3	0.7	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

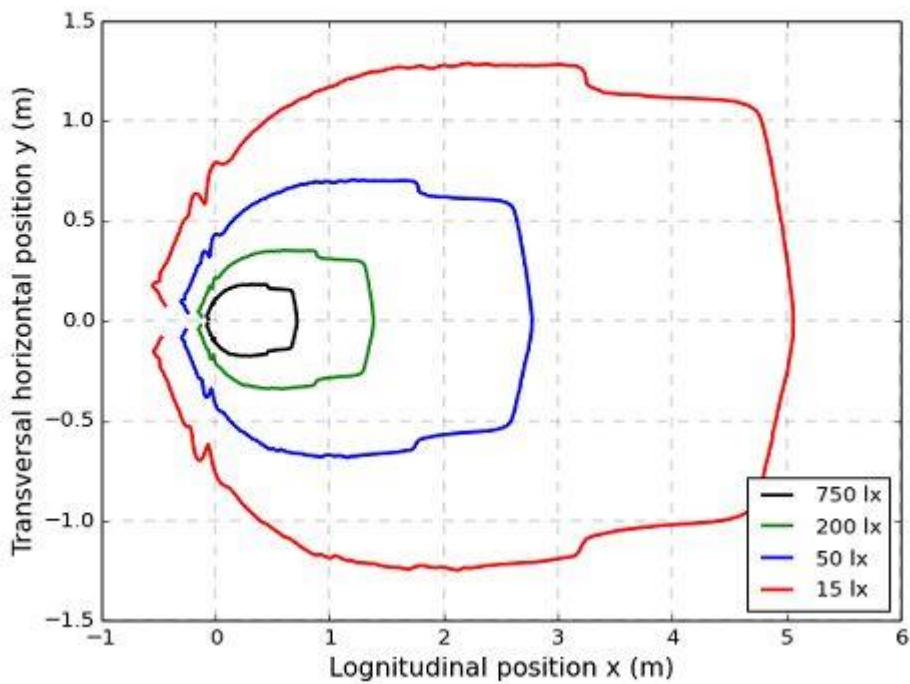


Beam angle determined by Luminous Intensity, Iv\_max\*50%. C0-180: 35.9 deg, C90-270: 37.3 deg

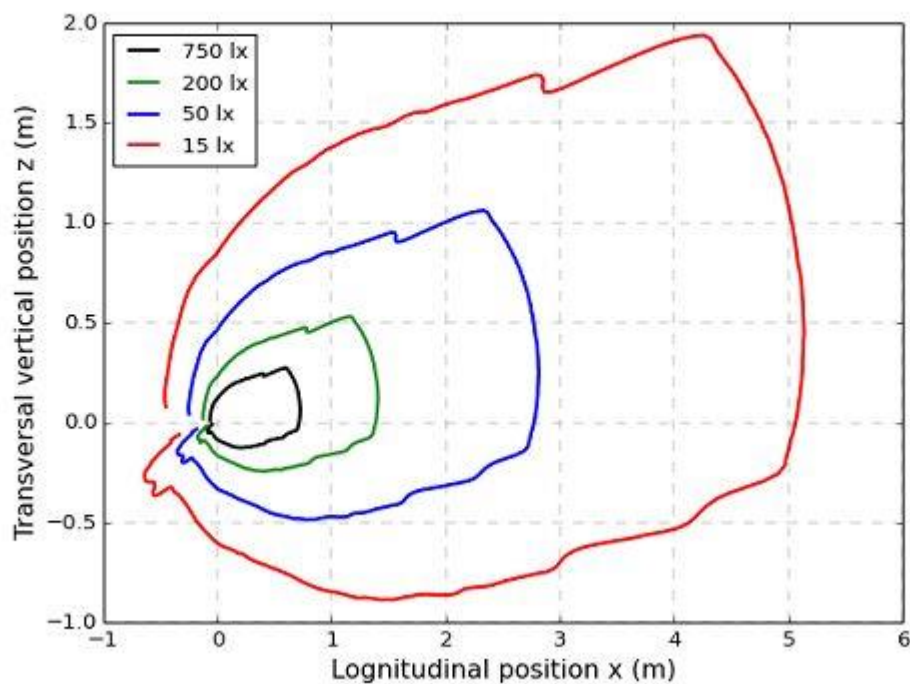


LOGNITUDINAL ISOLUX CURVES

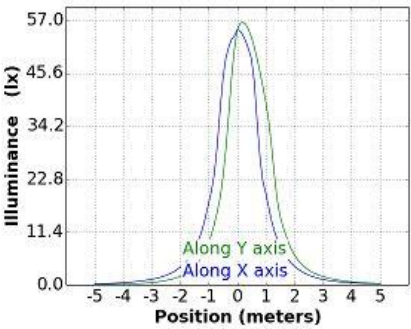
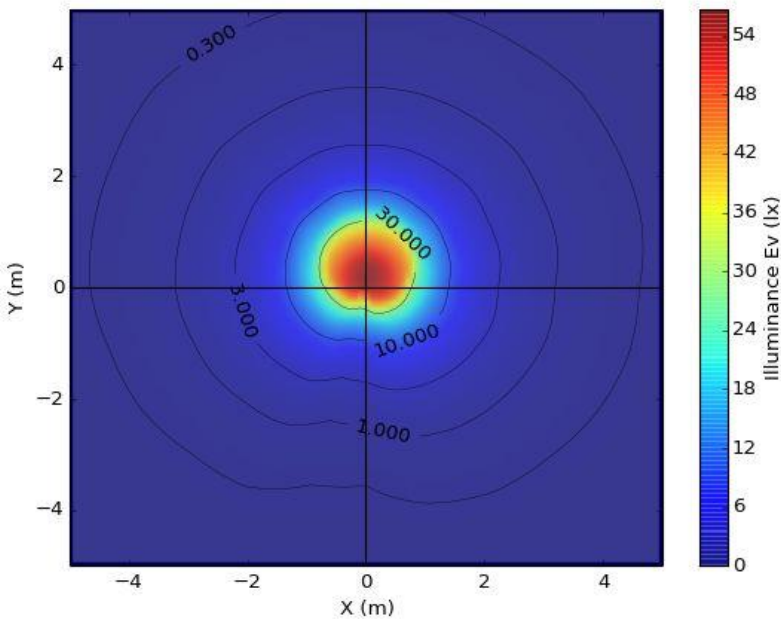
Horizontal



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.



Average Ev:	2.66 lx
Uniformity:	1.91 %
Max Ev:	56.7 lx
Min Ev:	0.0509 lx
Power Consumption:	8.1 W

# GonioSpectroRadiometric Test Report

