

Beam angle determined by Luminous Intensity, Iv max*50%. C0-180: 32.9 de

Table. Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
189.8 lm	8.1 W	23.4 lm/W	100.0 %	92.2 %	359 cd

Table. Electrical parameters during the light measurements.

	Pin	PF	Vin	If
Value	8.130 W	0.9330	230.4 V	0.0380 A
St.dev.	0.07 %	0.00 %	0.03 %	0.00 %

Table. Maximum Luminous Intensity and its direction

Iv	g	C plane
359 cd	0.5°	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	32.9°	65.1°	0.0°
C90-270	33.0°	64.8°	-0.0°

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

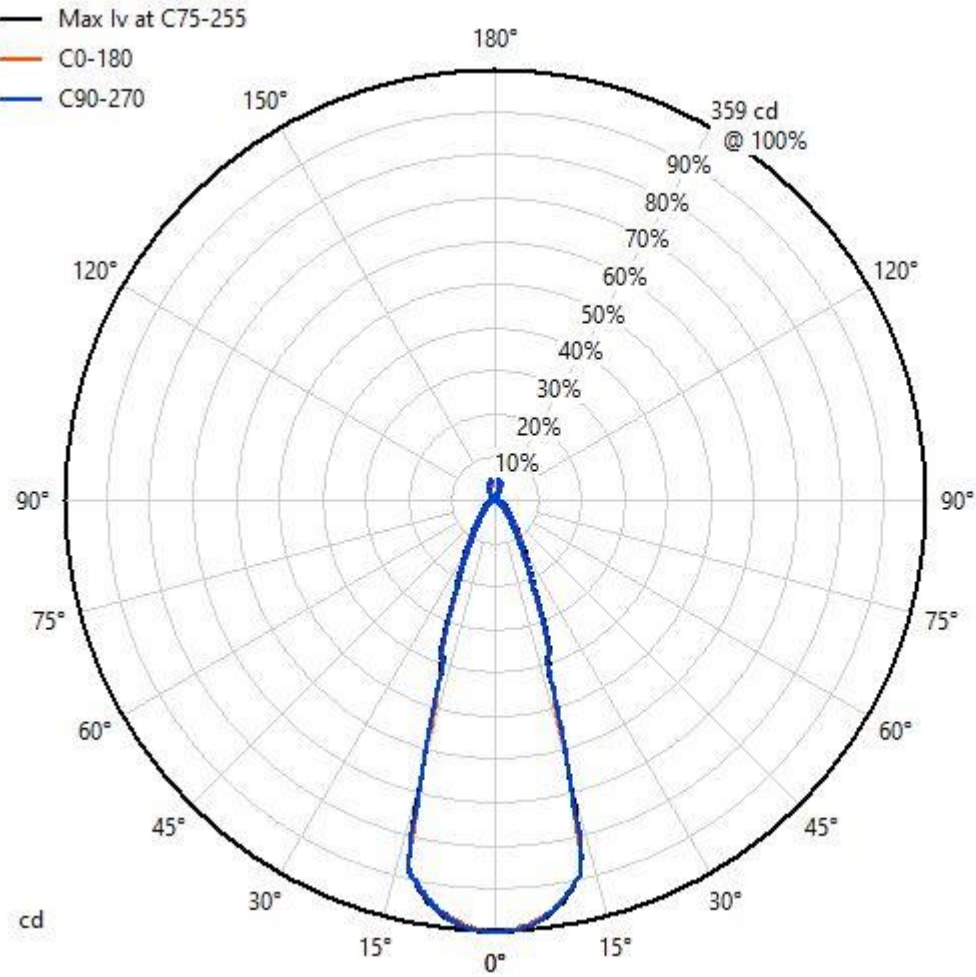
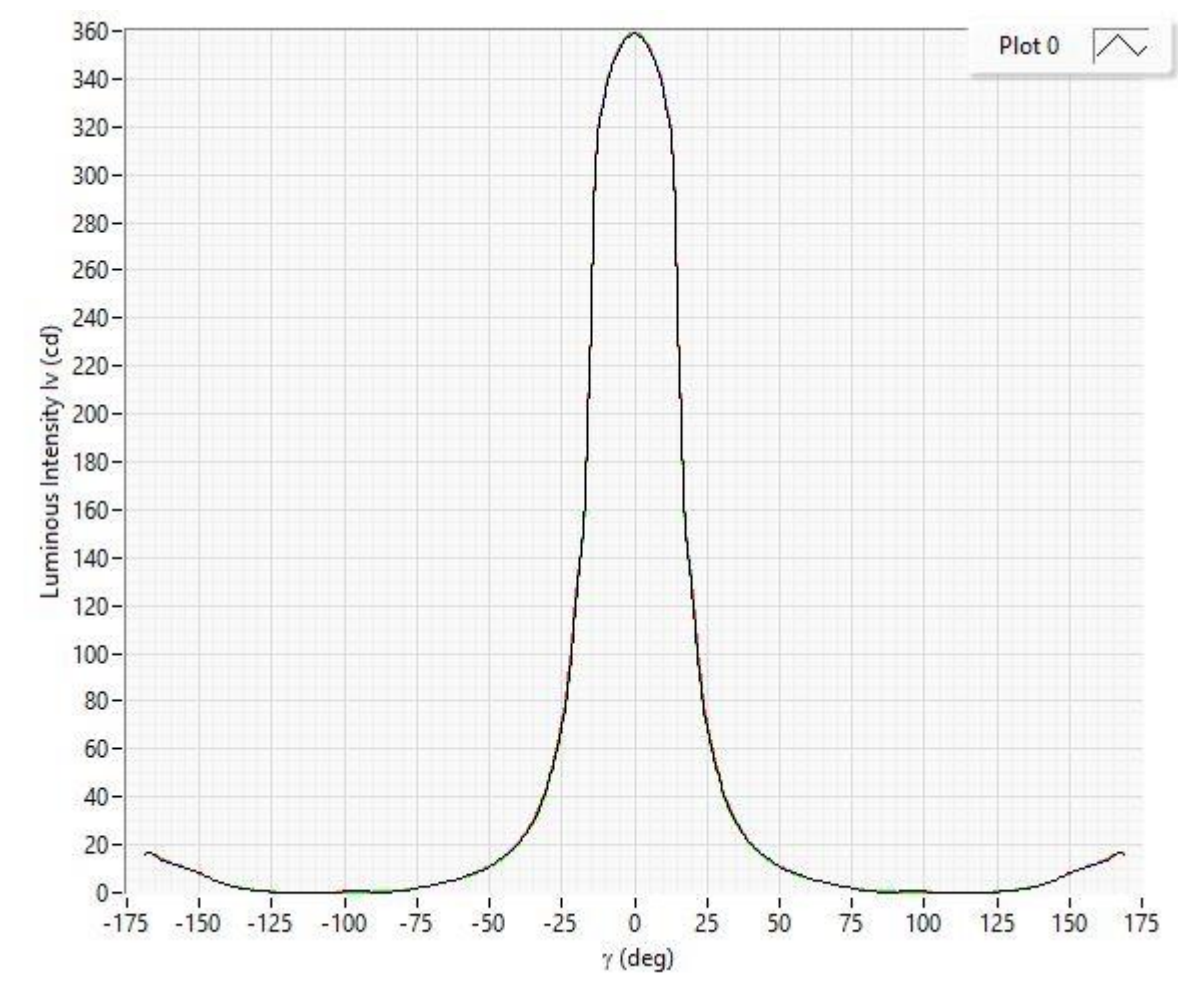


Figure. Luminous Intensity distribution in cartesian diagram at all measured C planes.



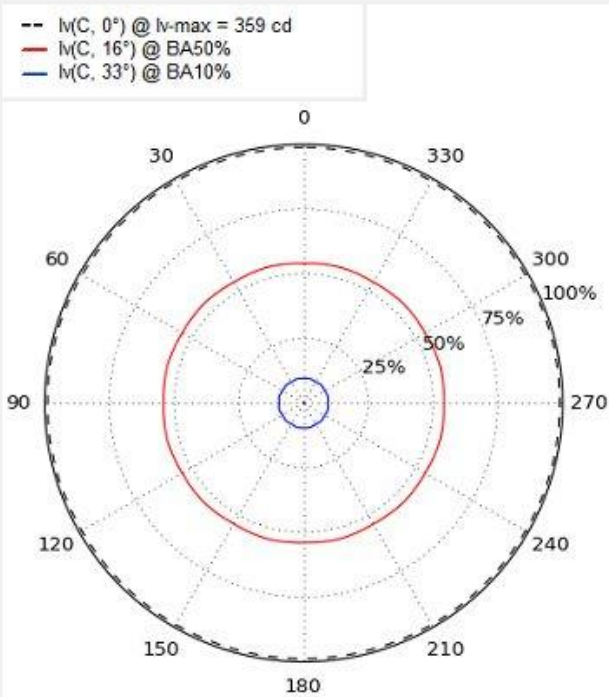


Table. Zonal lumen summary

	Lumens	Relative lumens (%)
0-20	97.41	51.32
0-30	130.60	68.81
0-40	149.30	78.66
0-60	168.00	88.51
0-80	174.30	91.83
0-90	174.90	92.15
10-90	140.12	73.83
20-40	51.89	27.34
20-50	63.29	33.35
40-70	23.00	12.12
40-90	25.60	13.49
60-80	6.30	3.32
60-90	6.90	3.64
70-80	2.00	1.05
80-90	0.60	0.32
90-110	0.70	0.37
90-120	0.90	0.47
90-130	1.20	0.63
90-150	6.10	3.21
90-180	14.90	7.85
110-180	14.20	7.48
0-180	189.80	100.00
	50.40	26.55

Table. Cumulative and Zonal luminous flux

gamma (deg)	Zone Flux (lm)	Sum Flux (lm)	Zone Flux (%)	Sum Flux (%)
0	0.02147	0.02147	0.01131	0.01131
0.5	0.1717	0.1932	0.09048	0.1018
1	0.3434	0.5366	0.1809	0.2827
1.5	0.5147	1.051	0.2712	0.5539
2	0.6856	1.737	0.3612	0.9151
2.5	0.856	2.593	0.451	1.366
3	1.025	3.618	0.5401	1.906
3.5	1.193	4.811	0.6284	2.535
4	1.36	6.17	0.7165	3.251
4.5	1.525	7.696	0.8035	4.055
5	1.689	9.384	0.8898	4.944
5.5	1.851	11.24	0.9754	5.92
6	2.011	13.25	1.06	6.98
6.5	2.169	15.42	1.143	8.122
7	2.324	17.74	1.224	9.347
7.5	2.478	20.22	1.306	10.65
8	2.627	22.85	1.384	12.04
8.5	2.773	25.62	1.461	13.5
9	2.917	28.54	1.537	15.03
9.5	3.055	31.59	1.61	16.64
10	3.191	34.78	1.681	18.33
10.5	3.321	38.1	1.75	20.07
11	3.446	41.55	1.816	21.89
11.5	3.569	45.12	1.88	23.77
12	3.686	48.8	1.942	25.71
12.5	3.802	52.6	2.003	27.72
13	3.914	56.52	2.062	29.78
13.5	3.914	60.43	2.062	31.84
14	3.793	64.23	1.999	33.84
14.5	3.598	67.82	1.896	35.73
15	3.392	71.21	1.787	37.52
15.5	3.179	74.39	1.675	39.2
16	2.975	77.37	1.568	40.76
16.5	2.786	80.16	1.468	42.23
17	2.624	82.78	1.383	43.61
17.5	2.481	85.26	1.307	44.92
18	2.401	87.66	1.265	46.19
18.5	2.401	90.06	1.265	47.45
19	2.461	92.52	1.296	48.75
19.5	2.474	95	1.303	50.05
20	2.411	97.41	1.27	51.32
20.5	2.303	99.71	1.213	52.53
21	2.204	101.9	1.161	53.69

21.5	2.121	104	1.117	54.81
22	2.04	106.1	1.075	55.89
22.5	1.944	108	1.024	56.91
23	1.852	109.9	0.9757	57.89
23.5	1.776	111.6	0.9358	58.82
24	1.721	113.4	0.907	59.73
24.5	1.673	115	0.8813	60.61
25	1.626	116.7	0.8569	61.47
25.5	1.58	118.2	0.8323	62.3
26	1.535	119.8	0.8087	63.11
26.5	1.49	121.3	0.7852	63.89
27	1.447	122.7	0.7624	64.66
27.5	1.406	124.1	0.7409	65.4
28	1.367	125.5	0.72	66.12
28.5	1.327	126.8	0.6994	66.82
29	1.29	128.1	0.6797	67.5
29.5	1.254	129.4	0.6605	68.16
30	1.219	130.6	0.6423	68.8
30.5	1.186	131.8	0.6249	69.42
31	1.155	132.9	0.6086	70.03
31.5	1.125	134	0.5928	70.63
32	1.095	135.1	0.5769	71.2
32.5	1.065	136.2	0.5613	71.76
33	1.037	137.2	0.5465	72.31
33.5	1.009	138.3	0.5318	72.84
34	0.983	139.2	0.5179	73.36
34.5	0.9577	140.2	0.5046	73.86
35	0.9334	141.1	0.4918	74.36
35.5	0.9095	142	0.4792	74.84
36	0.8862	142.9	0.4669	75.3
36.5	0.8638	143.8	0.4551	75.76
37	0.8425	144.6	0.4439	76.2
37.5	0.8221	145.5	0.4332	76.63
38	0.8019	146.3	0.4225	77.06
38.5	0.7821	147	0.4121	77.47
39	0.7635	147.8	0.4023	77.87
39.5	0.7456	148.5	0.3928	78.26
40	0.7277	149.3	0.3834	78.65
40.5	0.7102	150	0.3742	79.02
41	0.6936	150.7	0.3654	79.39
41.5	0.6774	151.4	0.3569	79.74
42	0.6613	152	0.3484	80.09
42.5	0.6453	152.7	0.34	80.43
43	0.6303	153.3	0.3321	80.76
43.5	0.6155	153.9	0.3243	81.09
44	0.601	154.5	0.3167	81.41
44.5	0.5868	155.1	0.3092	81.71
45	0.5732	155.7	0.302	82.02
45.5	0.5602	156.2	0.2952	82.31

46	0.5477	156.8	0.2886	82.6
46.5	0.5352	157.3	0.282	82.88
47	0.5232	157.8	0.2757	83.16
47.5	0.5115	158.3	0.2695	83.43
48	0.5	158.8	0.2634	83.69
48.5	0.4889	159.3	0.2576	83.95
49	0.4777	159.8	0.2517	84.2
49.5	0.4669	160.3	0.246	84.45
50	0.4558	160.7	0.2401	84.69
50.5	0.4458	161.2	0.2349	84.92
51	0.4357	161.6	0.2296	85.15
51.5	0.4258	162	0.2243	85.38
52	0.4163	162.5	0.2194	85.59
52.5	0.4066	162.9	0.2142	85.81
53	0.3972	163.3	0.2093	86.02
53.5	0.3882	163.7	0.2045	86.22
54	0.3796	164	0.2	86.42
54.5	0.3712	164.4	0.1956	86.62
55	0.3629	164.8	0.1912	86.81
55.5	0.3547	165.1	0.1869	87
56	0.3466	165.5	0.1826	87.18
56.5	0.3385	165.8	0.1784	87.36
57	0.3307	166.1	0.1742	87.53
57.5	0.3227	166.5	0.17	87.7
58	0.3152	166.8	0.1661	87.87
58.5	0.3075	167.1	0.162	88.03
59	0.2998	167.4	0.158	88.19
59.5	0.2926	167.7	0.1542	88.34
60	0.2852	168	0.1503	88.49
60.5	0.2779	168.2	0.1464	88.64
61	0.2707	168.5	0.1426	88.78
61.5	0.2637	168.8	0.139	88.92
62	0.257	169	0.1354	89.06
62.5	0.2501	169.3	0.1318	89.19
63	0.2435	169.5	0.1283	89.32
63.5	0.2369	169.8	0.1248	89.44
64	0.2305	170	0.1214	89.56
64.5	0.2242	170.2	0.1181	89.68
65	0.2181	170.4	0.1149	89.79
65.5	0.212	170.6	0.1117	89.91
66	0.2058	170.8	0.1084	90.01
66.5	0.1994	171	0.1051	90.12
67	0.1934	171.2	0.1019	90.22
67.5	0.1874	171.4	0.09874	90.32
68	0.1814	171.6	0.09558	90.42
68.5	0.1754	171.8	0.09241	90.51
69	0.1694	172	0.08923	90.6
69.5	0.1635	172.1	0.08617	90.68
70	0.158	172.3	0.08325	90.77

70.5	0.1524	172.4	0.08029	90.85
71	0.1467	172.6	0.0773	90.92
71.5	0.1409	172.7	0.07425	91
72	0.1355	172.9	0.07137	91.07
72.5	0.1301	173	0.06853	91.14
73	0.1248	173.1	0.06576	91.2
73.5	0.1194	173.2	0.06292	91.27
74	0.1142	173.3	0.06016	91.33
74.5	0.1089	173.4	0.05739	91.38
75	0.1038	173.6	0.05469	91.44
75.5	0.09851	173.7	0.0519	91.49
76	0.09319	173.7	0.0491	91.54
76.5	0.08765	173.8	0.04618	91.59
77	0.082	173.9	0.0432	91.63
77.5	0.07639	174	0.04025	91.67
78	0.07123	174.1	0.03753	91.71
78.5	0.06695	174.1	0.03527	91.74
79	0.06318	174.2	0.03329	91.78
79.5	0.05969	174.3	0.03145	91.81
80	0.05651	174.3	0.02978	91.84
80.5	0.05329	174.4	0.02807	91.87
81	0.05013	174.4	0.02641	91.89
81.5	0.04691	174.5	0.02472	91.92
82	0.04399	174.5	0.02318	91.94
82.5	0.04108	174.5	0.02164	91.96
83	0.03824	174.6	0.02015	91.98
83.5	0.0355	174.6	0.01871	92
84	0.03286	174.7	0.01732	92.02
84.5	0.03036	174.7	0.01599	92.03
85	0.02777	174.7	0.01463	92.05
85.5	0.0252	174.7	0.01328	92.06
86	0.0231	174.8	0.01217	92.07
86.5	0.0217	174.8	0.01143	92.09
87	0.02079	174.8	0.01095	92.1
87.5	0.02006	174.8	0.01057	92.11
88	0.01952	174.8	0.01028	92.12
88.5	0.01928	174.9	0.01016	92.13
89	0.01901	174.9	0.01002	92.14
89.5	0.01919	174.9	0.01011	92.15
90	0.01928	174.9	0.01016	92.16
90.5	0.01948	174.9	0.01026	92.17
91	0.01998	175	0.01053	92.18
91.5	0.02039	175	0.01074	92.19
92	0.02087	175	0.01099	92.2
92.5	0.0212	175	0.01117	92.21
93	0.02149	175	0.01132	92.22
93.5	0.02167	175.1	0.01142	92.23
94	0.02172	175.1	0.01144	92.25
94.5	0.02168	175.1	0.01142	92.26

95	0.02169	175.1	0.01143	92.27
95.5	0.02156	175.1	0.01136	92.28
96	0.02134	175.2	0.01125	92.29
96.5	0.02111	175.2	0.01112	92.3
97	0.02082	175.2	0.01097	92.31
97.5	0.02044	175.2	0.01077	92.32
98	0.01997	175.3	0.01052	92.33
98.5	0.01945	175.3	0.01025	92.34
99	0.01902	175.3	0.01002	92.35
99.5	0.01847	175.3	0.009731	92.36
100	0.01792	175.3	0.009443	92.37
100.5	0.01734	175.3	0.009136	92.38
101	0.01675	175.4	0.008824	92.39
101.5	0.01604	175.4	0.00845	92.4
102	0.01537	175.4	0.008099	92.41
102.5	0.01463	175.4	0.007708	92.42
103	0.01398	175.4	0.007367	92.42
103.5	0.01346	175.4	0.00709	92.43
104	0.01295	175.4	0.006821	92.44
104.5	0.01232	175.5	0.006494	92.44
105	0.01178	175.5	0.006207	92.45
105.5	0.01129	175.5	0.005948	92.46
106	0.01092	175.5	0.005756	92.46
106.5	0.01064	175.5	0.005605	92.47
107	0.01038	175.5	0.005469	92.47
107.5	0.01016	175.5	0.005355	92.48
108	0.009961	175.5	0.005248	92.48
108.5	0.00983	175.5	0.005179	92.49
109	0.009815	175.6	0.005171	92.49
109.5	0.01013	175.6	0.005338	92.5
110	0.01047	175.6	0.005514	92.5
110.5	0.01088	175.6	0.005733	92.51
111	0.01123	175.6	0.005915	92.52
111.5	0.01152	175.6	0.006068	92.52
112	0.01176	175.6	0.006196	92.53
112.5	0.01191	175.6	0.006275	92.53
113	0.01207	175.6	0.006361	92.54
113.5	0.01213	175.7	0.006389	92.55
114	0.01188	175.7	0.006258	92.55
114.5	0.01127	175.7	0.005939	92.56
115	0.01058	175.7	0.005572	92.57
115.5	0.009824	175.7	0.005176	92.57
116	0.00891	175.7	0.004694	92.58
116.5	0.008049	175.7	0.004241	92.58
117	0.007301	175.7	0.003846	92.58
117.5	0.006571	175.7	0.003462	92.59
118	0.005553	175.7	0.002926	92.59
118.5	0.004584	175.7	0.002415	92.59
119	0.00367	175.7	0.001933	92.59

119.5	0.003015	175.7	0.001588	92.6
120	0.002657	175.8	0.0014	92.6
120.5	0.003028	175.8	0.001595	92.6
121	0.004054	175.8	0.002136	92.6
121.5	0.005297	175.8	0.002791	92.6
122	0.006593	175.8	0.003474	92.61
122.5	0.00812	175.8	0.004278	92.61
123	0.009574	175.8	0.005044	92.62
123.5	0.01113	175.8	0.005862	92.62
124	0.01279	175.8	0.00674	92.63
124.5	0.01446	175.8	0.007618	92.64
125	0.01627	175.8	0.008574	92.64
125.5	0.0182	175.9	0.009591	92.65
126	0.02021	175.9	0.01065	92.67
126.5	0.02221	175.9	0.0117	92.68
127	0.02443	175.9	0.01287	92.69
127.5	0.02665	176	0.01404	92.7
128	0.02898	176	0.01527	92.72
128.5	0.03142	176	0.01655	92.74
129	0.03396	176	0.01789	92.75
129.5	0.03657	176.1	0.01927	92.77
130	0.03929	176.1	0.0207	92.79
130.5	0.04204	176.2	0.02215	92.82
131	0.04499	176.2	0.0237	92.84
131.5	0.04806	176.3	0.02532	92.86
132	0.05096	176.3	0.02685	92.89
132.5	0.0539	176.4	0.0284	92.92
133	0.05695	176.4	0.03001	92.95
133.5	0.06015	176.5	0.03169	92.98
134	0.06338	176.5	0.0334	93.02
134.5	0.06669	176.6	0.03514	93.05
135	0.07001	176.7	0.03689	93.09
135.5	0.07367	176.8	0.03882	93.13
136	0.07739	176.8	0.04078	93.17
136.5	0.08106	176.9	0.04271	93.21
137	0.08503	177	0.0448	93.25
137.5	0.08918	177.1	0.04699	93.3
138	0.09334	177.2	0.04918	93.35
138.5	0.09765	177.3	0.05145	93.4
139	0.1024	177.4	0.05394	93.46
139.5	0.1071	177.5	0.05643	93.51
140	0.112	177.6	0.05901	93.57
140.5	0.1168	177.7	0.06156	93.63
141	0.1221	177.8	0.06434	93.7
141.5	0.1275	178	0.06718	93.76
142	0.133	178.1	0.07007	93.83
142.5	0.1385	178.2	0.07295	93.91
143	0.1442	178.4	0.07599	93.98
143.5	0.15	178.5	0.07905	94.06

144	0.1557	178.7	0.08206	94.14
144.5	0.1613	178.8	0.08501	94.23
145	0.1672	179	0.08811	94.32
145.5	0.1733	179.2	0.09128	94.41
146	0.1792	179.4	0.09439	94.5
146.5	0.1847	179.6	0.0973	94.6
147	0.1903	179.7	0.1003	94.7
147.5	0.1958	179.9	0.1032	94.8
148	0.2012	180.1	0.106	94.91
148.5	0.2061	180.3	0.1086	95.02
149	0.211	180.6	0.1112	95.13
149.5	0.2155	180.8	0.1135	95.24
150	0.2195	181	0.1156	95.36
150.5	0.2231	181.2	0.1175	95.48
151	0.2264	181.4	0.1193	95.6
151.5	0.2296	181.7	0.121	95.72
152	0.2322	181.9	0.1223	95.84
152.5	0.2343	182.1	0.1235	95.96
153	0.2363	182.4	0.1245	96.09
153.5	0.2381	182.6	0.1254	96.21
154	0.2392	182.9	0.126	96.34
154.5	0.2401	183.1	0.1265	96.46
155	0.2408	183.3	0.1269	96.59
155.5	0.2411	183.6	0.127	96.72
156	0.241	183.8	0.127	96.85
156.5	0.2405	184.1	0.1267	96.97
157	0.2398	184.3	0.1264	97.1
157.5	0.2393	184.5	0.1261	97.22
158	0.2383	184.8	0.1256	97.35
158.5	0.2371	185	0.1249	97.48
159	0.2358	185.2	0.1242	97.6
159.5	0.2344	185.5	0.1235	97.72
160	0.2329	185.7	0.1227	97.85
160.5	0.2315	185.9	0.122	97.97
161	0.2302	186.2	0.1213	98.09
161.5	0.229	186.4	0.1207	98.21
162	0.2285	186.6	0.1204	98.33
162.5	0.228	186.9	0.1201	98.45
163	0.2272	187.1	0.1197	98.57
163.5	0.2262	187.3	0.1192	98.69
164	0.225	187.5	0.1186	98.81
164.5	0.2237	187.8	0.1178	98.93
165	0.2221	188	0.117	99.04
165.5	0.2192	188.2	0.1155	99.16
166	0.2152	188.4	0.1134	99.27
166.5	0.2097	188.6	0.1105	99.38
167	0.2035	188.8	0.1072	99.49
167.5	0.1964	189	0.1035	99.59
168	0.1886	189.2	0.09935	99.69

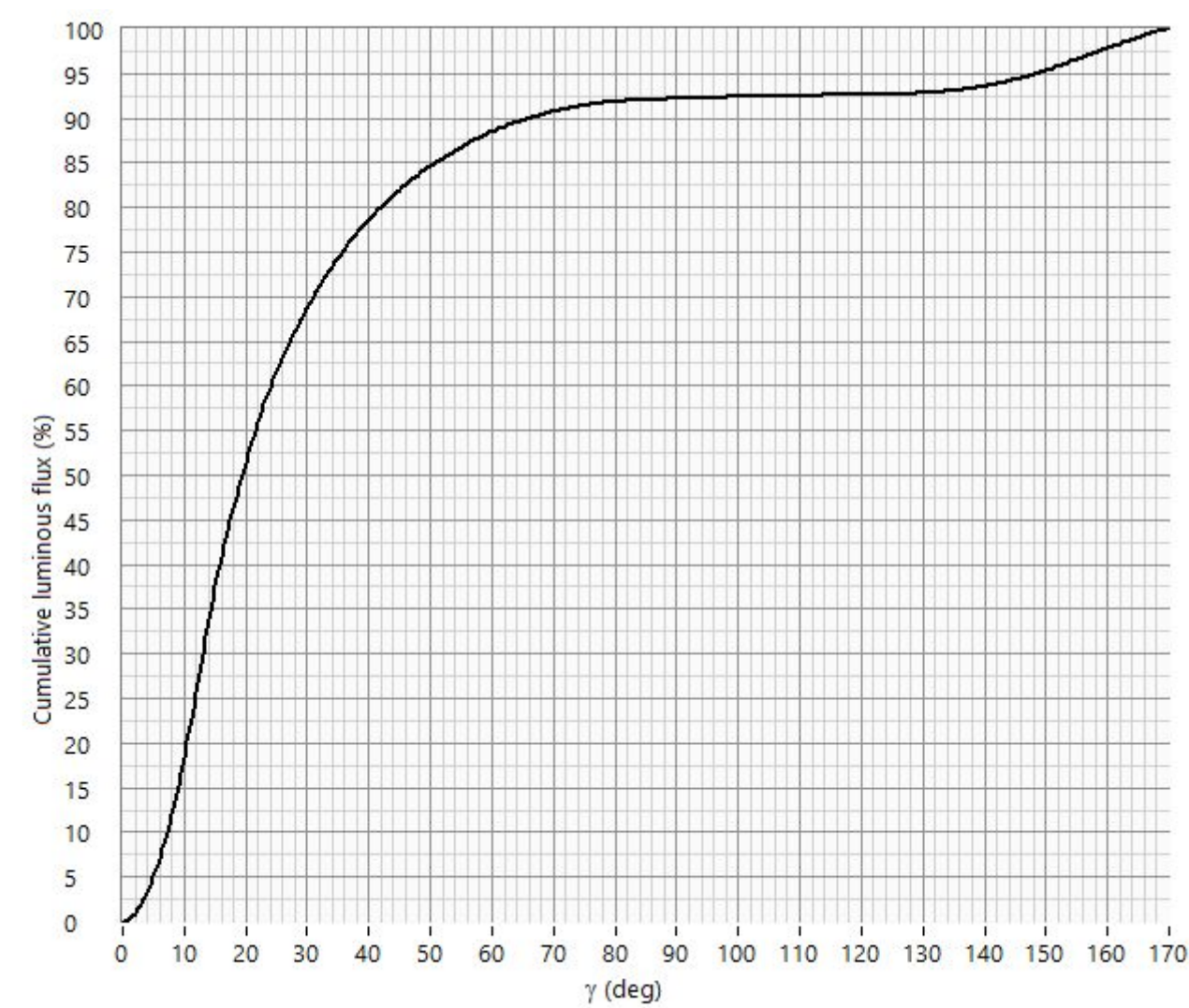
Report time: 2.5.2025 11.33
Report No.: DECO50-250017

Manufacturer: Secto Design

Item No.: Secto 4200

168.5	0.1797	189.4	0.09466	99.79
169	0.17	189.6	0.08956	99.88
169.5	0.1597	189.7	0.08413	99.96
170	0.07543	189.8	0.03974	100

Figure. Cumulative luminous flux



Söllner diagram (EN 12464) - Luminance

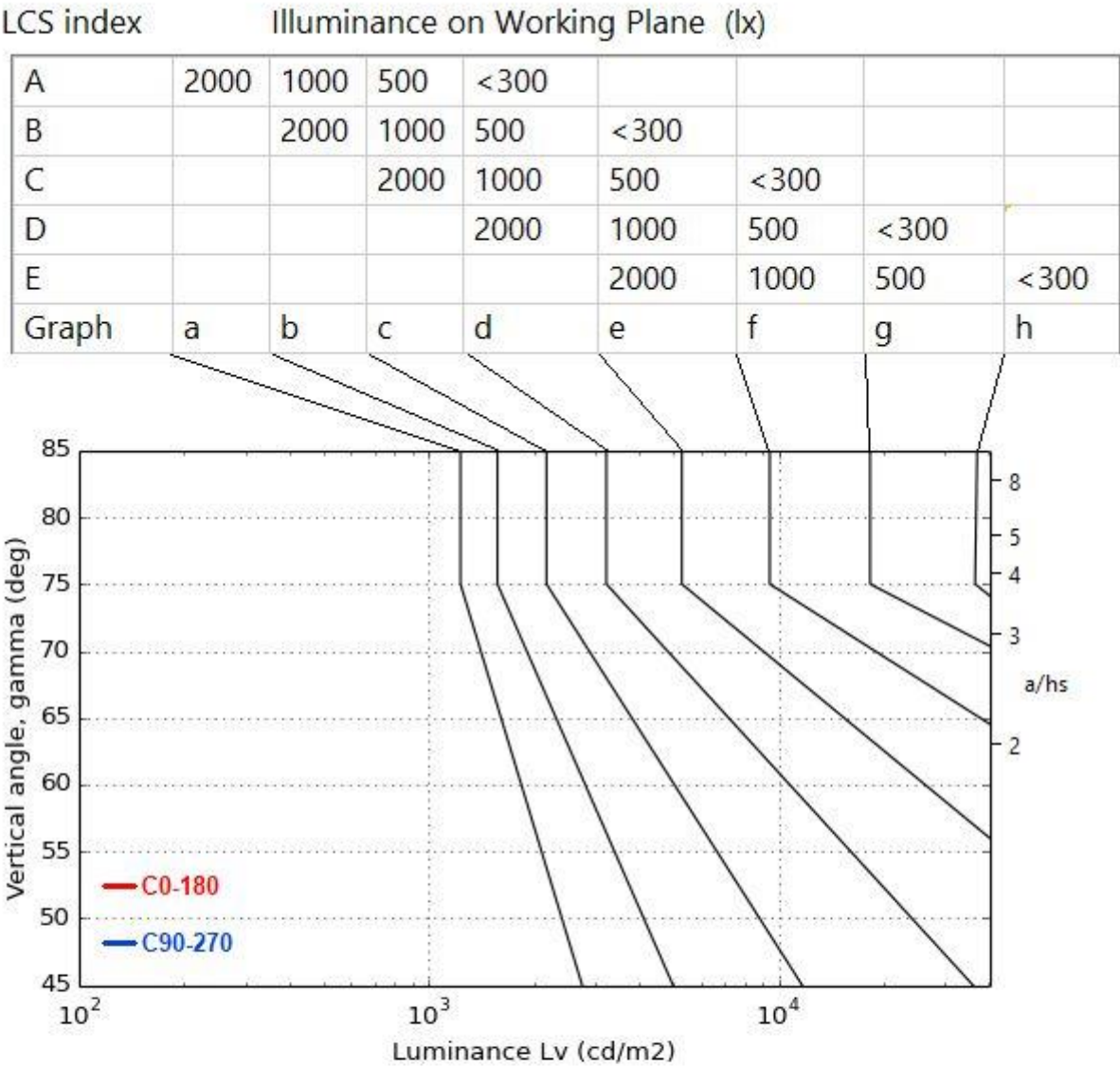


Table. Luminance [Lv] = cd/m2

	C 0	C 45	C 90
γ 0	5079	5079	5079
γ 45	89	90	88
γ 55	46	47	45
γ 65	25	24	24
γ 75	11	11	11
γ 85	1	5	1

[illegible]

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

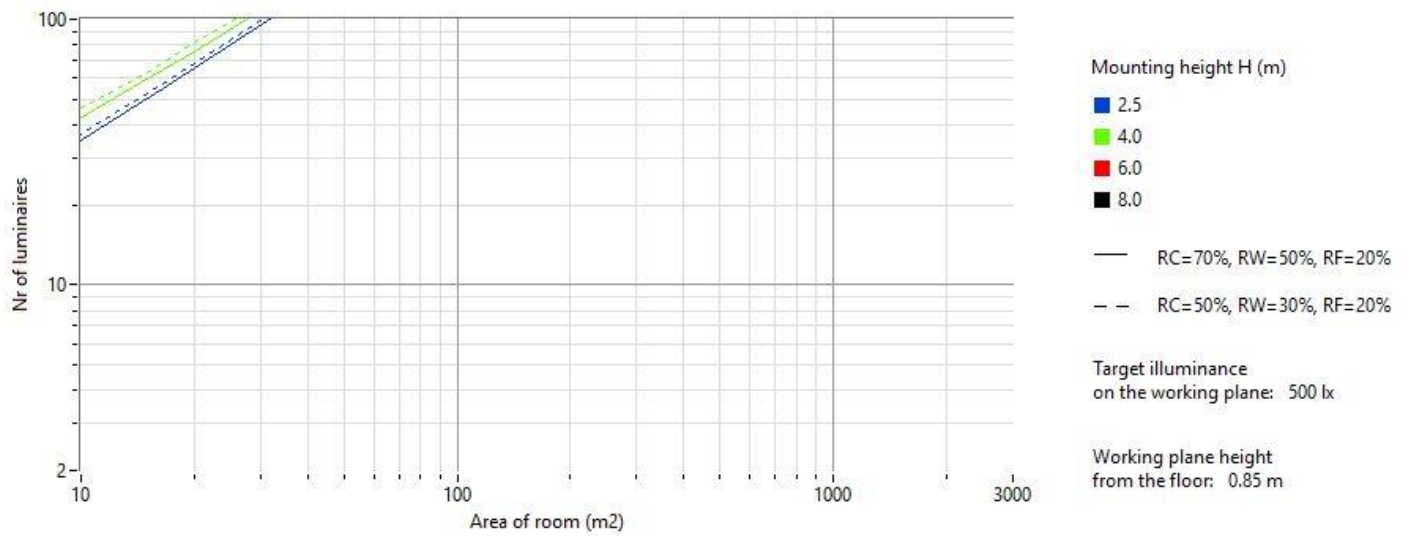


Table. Coefficient of Utilization (CU).

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	114	114	114	114	107	107	107	101	101	101	95	95	95
1	92	90	88	87	92	91	89	88	92	91	89	93	92	91	95	93	92
2	90	87	84	81	90	87	84	82	88	85	83	89	86	84	89	87	86
3	88	83	79	76	88	83	80	77	84	80	78	84	81	79	84	82	80
4	85	80	75	72	85	80	76	73	80	76	73	80	77	74	80	77	75
5	83	76	72	68	82	76	72	69	76	72	69	76	73	70	76	73	70
6	80	73	68	65	80	73	68	65	73	69	66	73	69	66	73	69	66
7	77	70	65	62	77	70	65	62	70	65	62	70	66	63	69	66	63
8	75	67	62	59	74	67	62	59	67	63	60	67	63	60	66	63	60
9	72	65	60	57	72	64	60	57	64	60	57	64	60	57	64	60	57
10	70	62	57	54	69	62	57	54	62	57	55	61	58	55	61	58	55

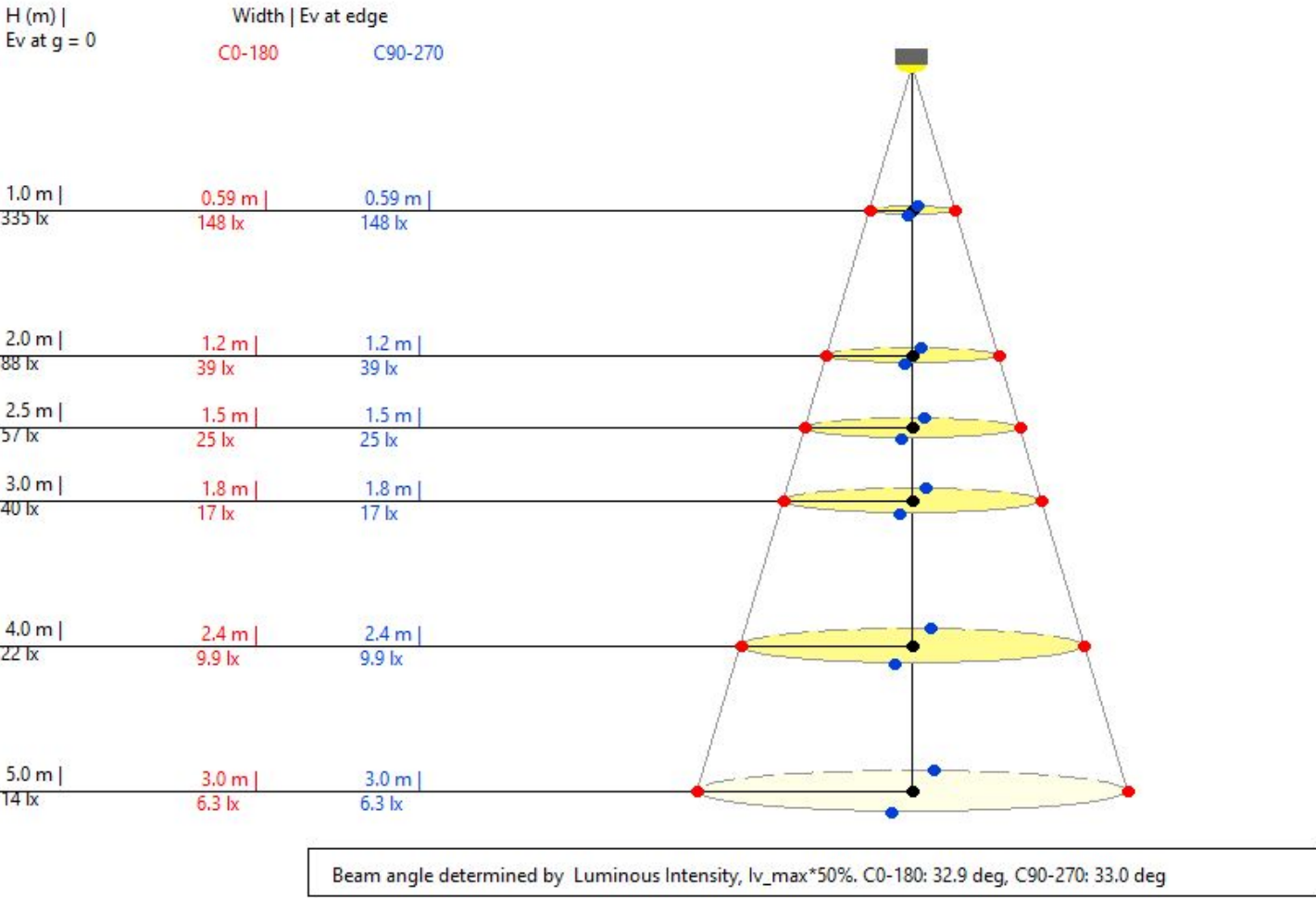
Table. Wall Exitance Coefficients (WEC).

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	29.6	20.1	11.5	3.7	28.2	19.2	11.0	3.5	17.4	10.1	3.2	15.6	9.0	2.9	13.6	7.9	2.5
2	29.2	19.1	10.6	3.3	27.8	18.3	10.2	3.2	16.7	9.4	2.9	15.0	8.5	2.7	13.2	7.5	2.4
3	28.5	18.2	9.9	3.0	27.2	17.4	9.5	2.9	15.9	8.7	2.7	14.3	7.9	2.5	12.7	7.0	2.2
4	27.7	17.3	9.2	2.8	26.5	16.6	8.9	2.7	15.2	8.2	2.5	13.7	7.4	2.3	12.1	6.6	2.0
5	27.0	16.4	8.7	2.6	25.8	15.8	8.4	2.5	14.5	7.7	2.3	13.1	7.0	2.1	11.6	6.2	1.9
6	26.3	15.7	8.2	2.5	25.1	15.1	7.9	2.4	13.8	7.3	2.2	12.5	6.6	2.0	11.1	5.9	1.8
7	25.6	15.1	7.9	2.3	24.4	14.5	7.6	2.3	13.3	6.9	2.1	12.0	6.3	1.9	10.6	5.6	1.7
8	24.9	14.6	7.5	2.2	23.8	14.0	7.2	2.2	12.8	6.6	2.0	11.5	6.0	1.8	10.2	5.3	1.6
9	24.3	14.1	7.3	2.2	23.2	13.5	7.0	2.1	12.3	6.4	1.9	11.1	5.7	1.7	9.8	5.0	1.5
10	23.7	13.6	7.0	2.1	22.6	13.1	6.7	2.0	11.9	6.1	1.8	10.7	5.5	1.6	9.5	4.8	1.4

Table. Ceiling Cavity Exitance Coefficients (CCEC).

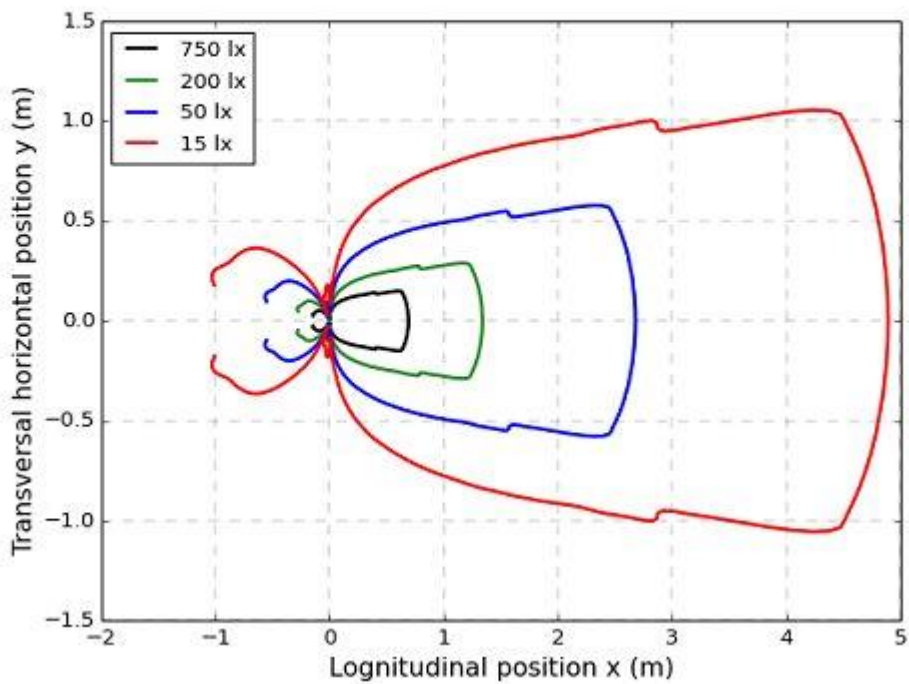
RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
1	92.1	85.9	80.4	75.4	38.4	35.6	33.0	30.7	13.2	12.2	11.3	6.4	6.0	5.5	2.0	1.8	1.7
2	89.0	77.9	68.6	60.9	37.3	32.1	27.8	24.2	12.0	10.3	8.8	5.9	5.1	4.4	1.8	1.6	1.4
3	85.4	70.3	58.7	49.4	36.0	29.0	23.5	19.1	11.0	8.8	6.9	5.4	4.4	3.6	1.7	1.4	1.2
4	81.4	63.3	50.1	40.1	34.6	26.1	19.8	14.9	10.0	7.4	5.4	5.0	3.8	2.9	1.6	1.2	1.0
5	77.1	56.8	42.7	32.2	33.0	23.4	16.6	11.5	9.1	6.3	4.2	4.7	3.4	2.3	1.5	1.1	0.8
6	72.8	50.9	36.2	25.6	31.3	20.9	13.8	8.7	8.3	5.4	3.2	4.3	3.0	1.9	1.4	1.0	0.7
7	68.5	45.4	30.4	19.9	29.7	18.7	11.4	6.2	7.6	4.5	2.3	4.0	2.6	1.5	1.3	0.9	0.6
8	64.3	40.4	25.4	15.0	28.0	16.6	9.3	4.1	6.9	3.8	1.6	3.8	2.3	1.3	1.2	0.8	0.5
9	60.2	35.8	20.9	10.8	26.4	14.7	7.4	2.4	6.3	3.2	1.0	3.5	2.0	1.0	1.2	0.8	0.4
10	56.3	31.7	17.0	7.2	24.9	13.0	5.7	0.8	5.7	2.6	0.5	3.3	1.8	0.8	1.1	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

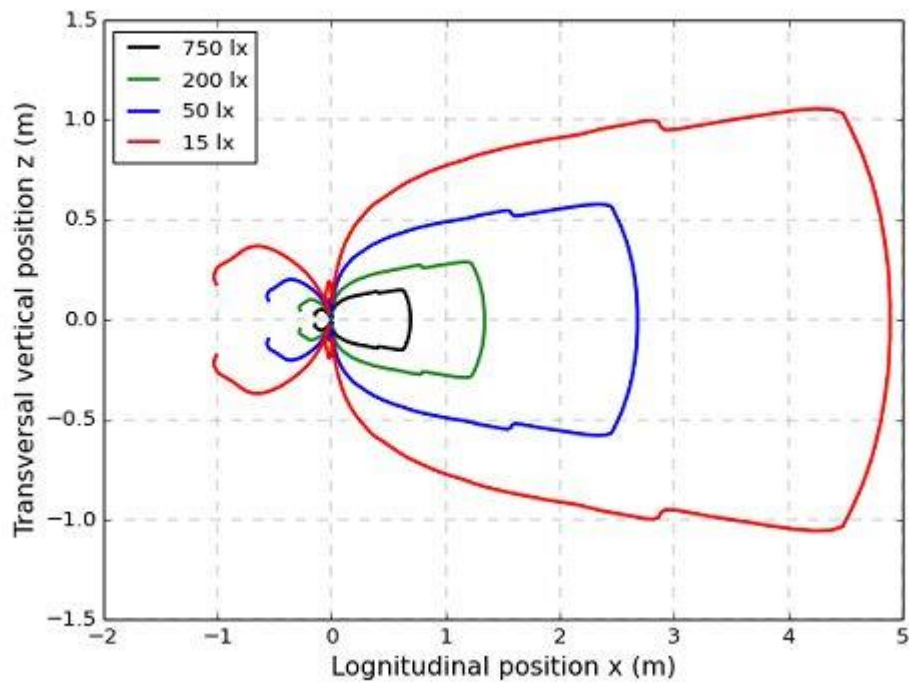


LOGNITUDINAL ISOLUX CURVES

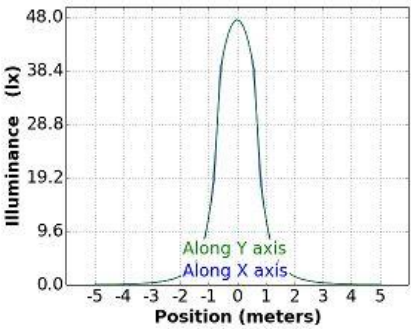
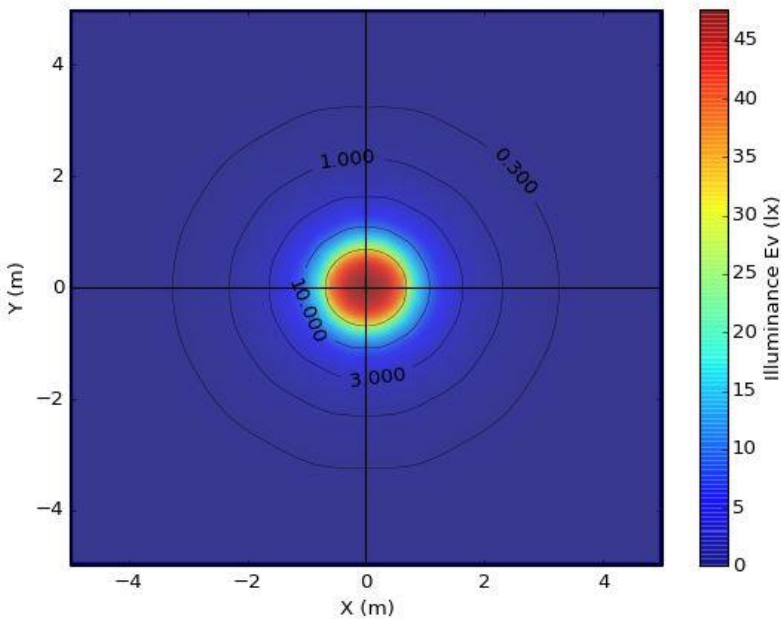
Horizontal



Vertical

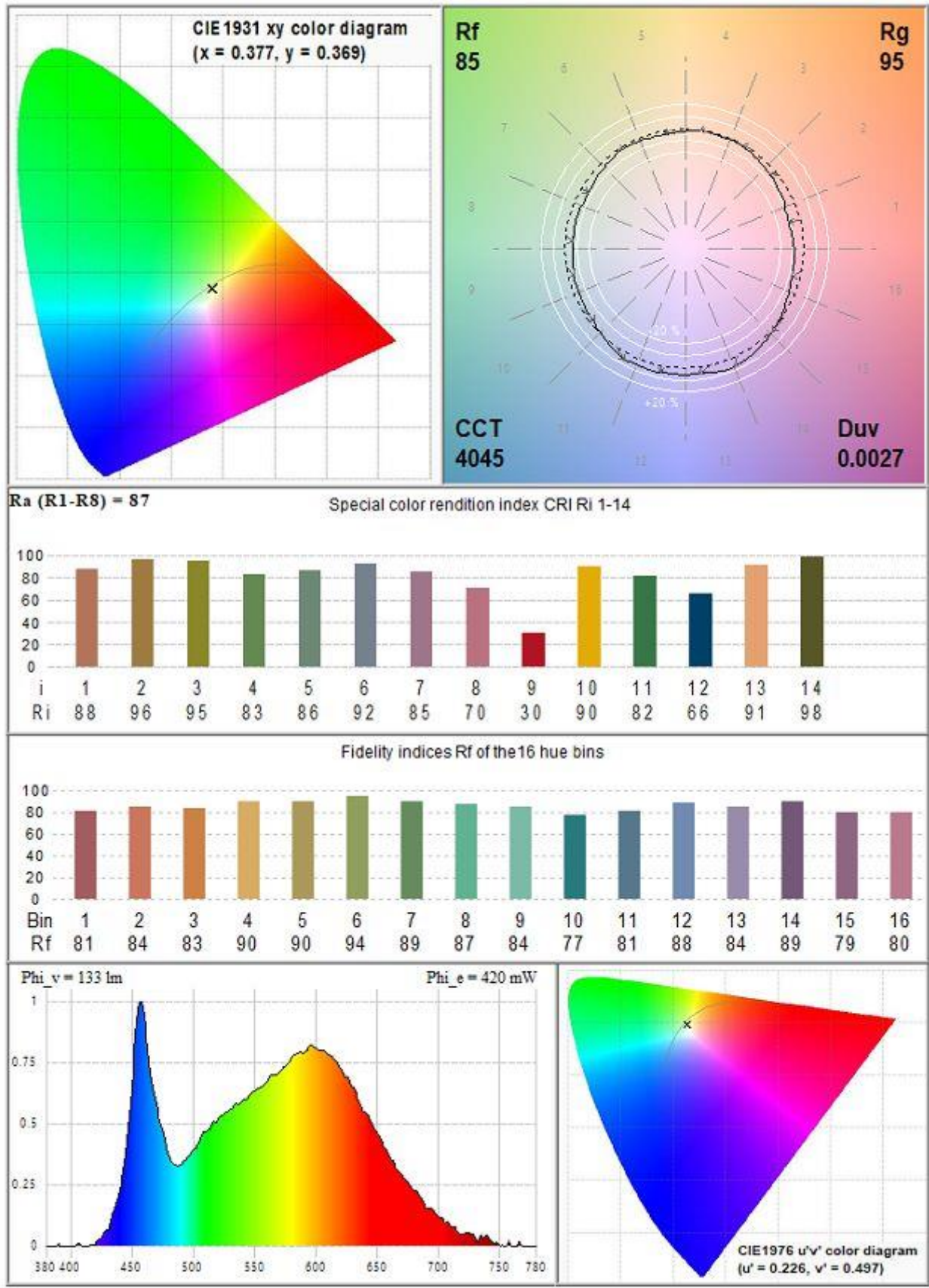


Illumination uniformity figures at the perpendicular plane to the lamp axis.
Mounting height of 2.50 m.
Lamp center position $x = 0.0$ m, $y = 0.0$ m.
C rotation of 0.0 deg. Gamma rotation of 0.0 deg.
Maintenance factor = 0.80.
Nr of lamps: X = 1 pcs, Y = 1 pcs.
Distance between lamps: X = 0.00 meters, Y = 0.00 meters.



Average Ev:	1.53 lx
Uniformity:	0.981 %
Max Ev:	47.6 lx
Min Ev:	0.015 lx
Power Consumption:	8.1 W

GonioSpectroRadiometric Test Report



Ra (R1-R8) = 87

Special color rendition index CRI Ri 1-14

i	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ri	88	96	95	83	86	92	85	70	30	90	82	66	91	98

Fidelity indices Rf of the 16 hue bins

Bin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Rf	81	84	83	90	90	94	89	87	84	77	81	88	84	89	79	80

$\Phi_v = 133$ lm

$\Phi_e = 420$ mW

CIE1976 u'v' color diagram
($u' = 0.226$, $v' = 0.497$)