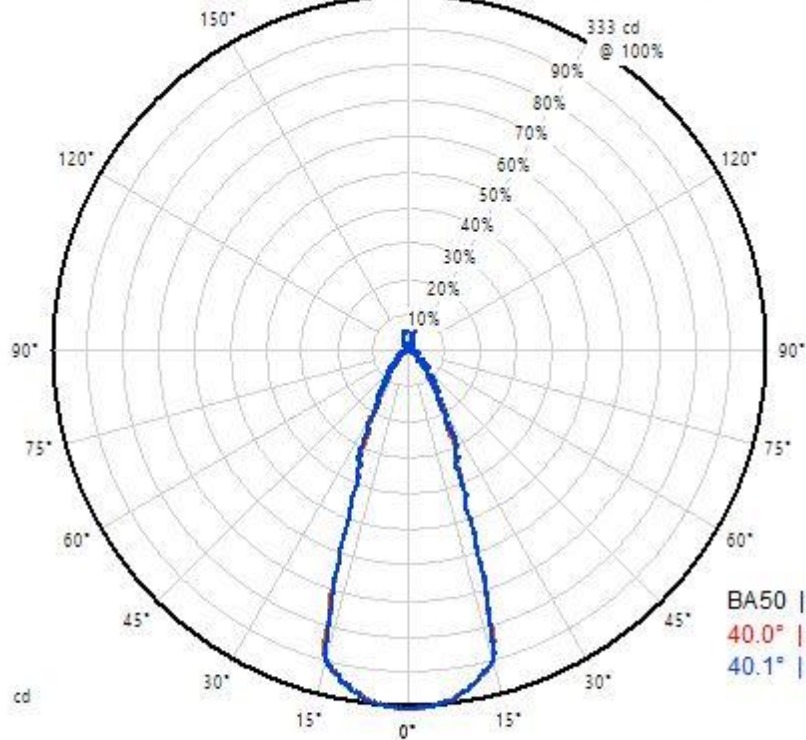


C0-180  
C90-270

Goniophotometric Test Report



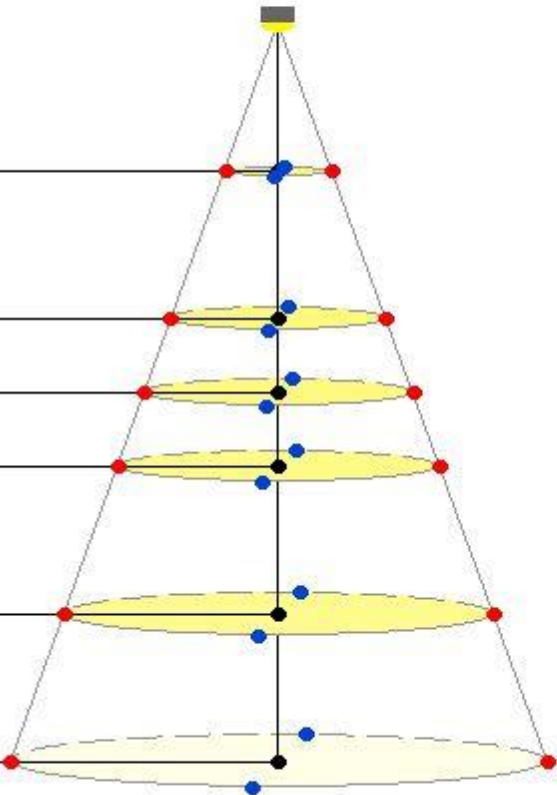
Phi = 248.7 lm  
LPW = 31.1 lm/W  
DWFF = 89.7 %  
lv(g=0) = 332 cd

BA50 | BA10  
40.0° | 76.8°  
40.1° | 77.4°

Pin = 7.990 W  
PF = 0.9334  
Vin = 230.4 V  
If = 0.0370 A

H (m) | Width | Ev at e |  
Ev at n - C0-180 C90-270

1.0 m	0.73 m	0.73 m
221 lv	133 lv	133 lv
2.0 m	1.5 m	1.5 m
82 lv	34 lv	34 lv
2.5 m	1.8 m	1.8 m
53 lv	22 lv	22 lv
3.0 m	2.2 m	2.2 m
37 lv	16 lv	16 lv
4.0 m	2.9 m	2.9 m
21 lv	8.6 lv	8.6 lv
5.0 m	3.6 m	3.7 m
12 lv	5.5 lv	5.5 lv



Beam angle determined by Luminous Intensity, lv max\*50%. C0-180: 40.0 de

Table. Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
248.7 lm	8 W	31.1 lm/W	100.0 %	89.7 %	332 cd

Table. Electrical parameters during the light measurements.

	Pin	PF	Vin	If
Value	7.990 W	0.9334	230.4 V	0.0370 A
St.dev.	0.03 %	0.06 %	0.04 %	0.00 %

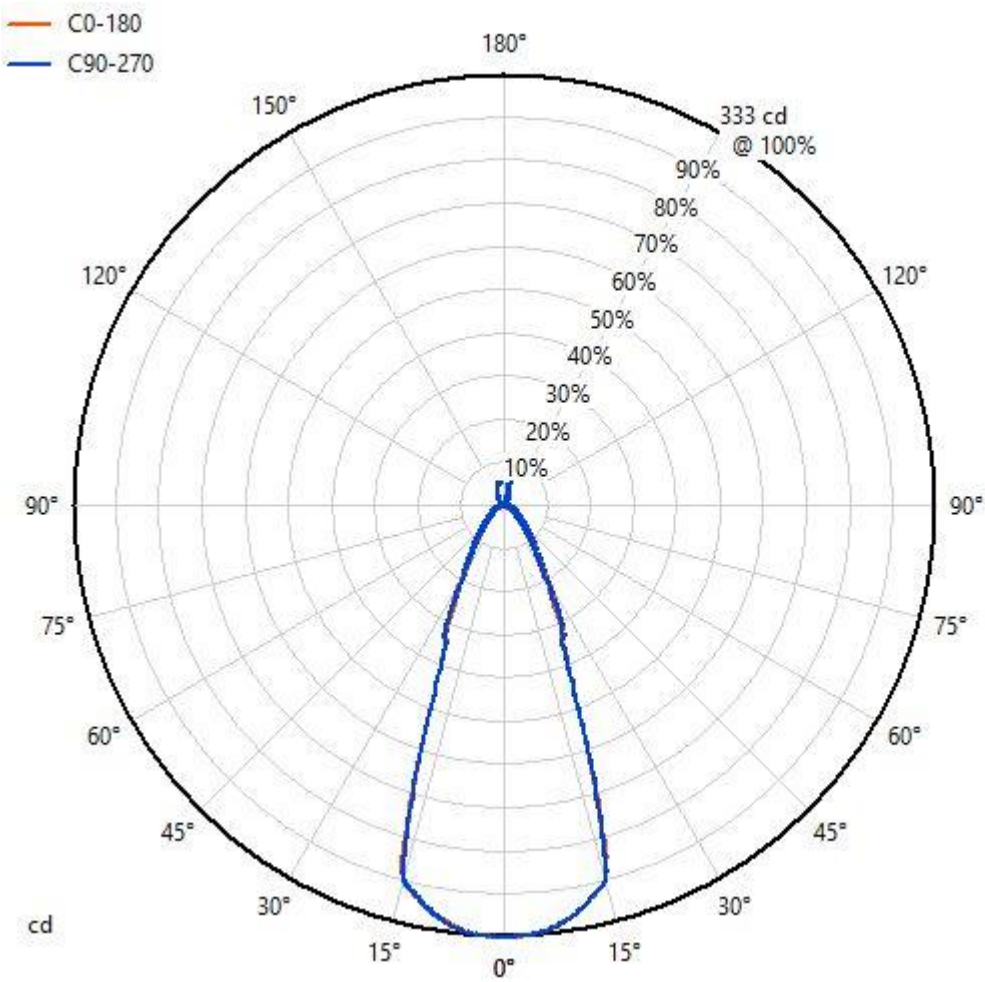
Table. Maximum Luminous Intensity and its direction

Iv	g	C plane
333 cd	0.5°	0.0°

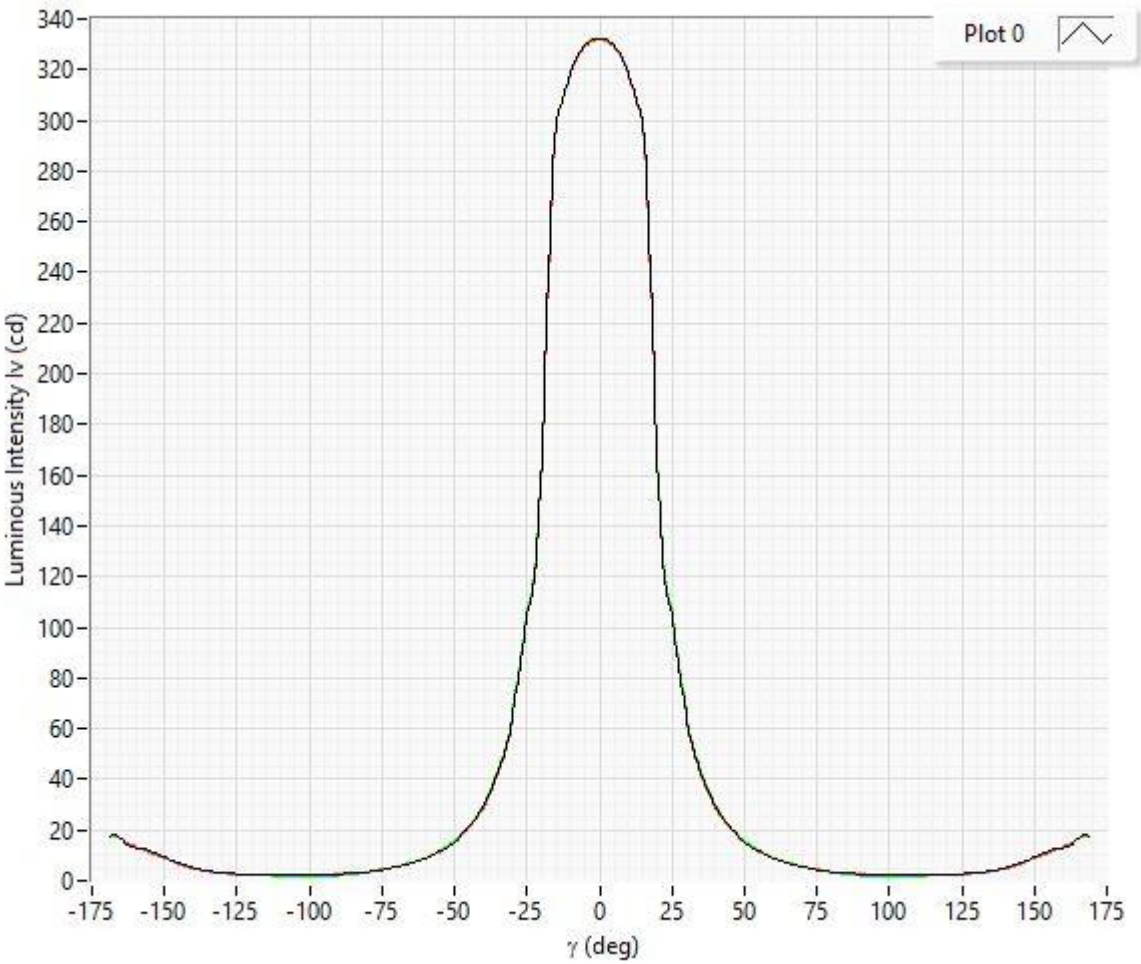
Table. Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	40.0°	76.8°	0.0°
C90-270	40.1°	77.4°	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.**



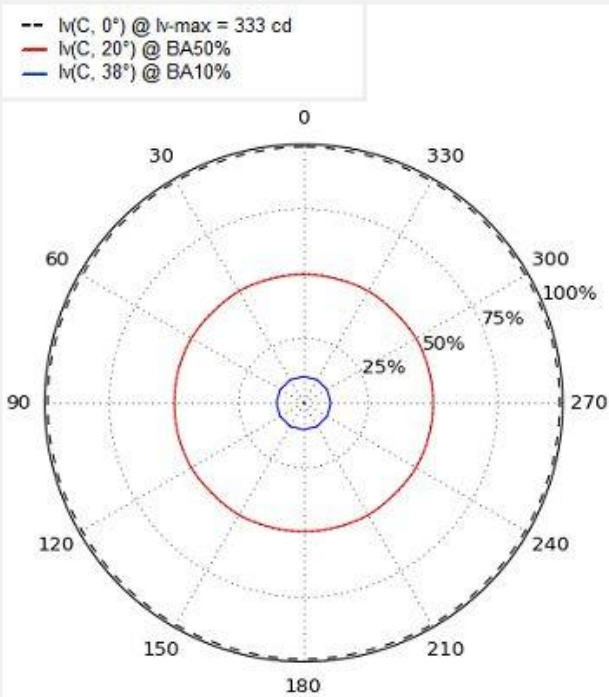


Table. Zonal lumen summary

	Lumens	Relative lumens (%)
0-20	107.70	43.31
0-30	154.50	62.12
0-40	181.40	72.94
0-60	208.20	83.72
0-80	219.90	88.42
0-90	223.00	89.67
10-90	190.38	76.55
20-40	73.70	29.63
20-50	90.10	36.23
40-70	33.80	13.59
40-90	41.60	16.73
60-80	11.70	4.70
60-90	14.80	5.95
70-80	4.70	1.89
80-90	3.10	1.25
90-110	4.60	1.85
90-120	6.70	2.69
90-130	9.10	3.66
90-150	16.20	6.51
90-180	25.70	10.33
110-180	21.10	8.48
0-180	248.70	100.00
	84.70	34.06

**Table. Cumulative and Zonal luminous flux**

gamma (deg)	Zone Flux (lm)	Sum Flux (lm)	Zone Flux (%)	Sum Flux (%)
0	0.01986	0.01986	0.007985	0.007985
0.5	0.1589	0.1787	0.06387	0.07186
1	0.3177	0.4964	0.1277	0.1996
1.5	0.4764	0.9728	0.1916	0.3912
2	0.6349	1.608	0.2553	0.6464
2.5	0.7931	2.401	0.3189	0.9654
3	0.9509	3.352	0.3823	1.348
3.5	1.108	4.459	0.4454	1.793
4	1.264	5.724	0.5083	2.301
4.5	1.419	7.143	0.5707	2.872
5	1.574	8.716	0.6327	3.505
5.5	1.727	10.44	0.6943	4.199
6	1.879	12.32	0.7554	4.955
6.5	2.029	14.35	0.8159	5.77
7	2.179	16.53	0.8761	6.647
7.5	2.326	18.86	0.9351	7.582
8	2.471	21.33	0.9937	8.575
8.5	2.614	23.94	1.051	9.626
9	2.755	26.7	1.108	10.73
9.5	2.894	29.59	1.164	11.9
10	3.03	32.62	1.218	13.12
10.5	3.164	35.78	1.272	14.39
11	3.295	39.08	1.325	15.71
11.5	3.422	42.5	1.376	17.09
12	3.547	46.05	1.426	18.52
12.5	3.67	49.72	1.476	19.99
13	3.789	53.51	1.524	21.51
13.5	3.906	57.41	1.571	23.09
14	4.025	61.44	1.618	24.7
14.5	4.143	65.58	1.666	26.37
15	4.242	69.82	1.706	28.08
15.5	4.276	74.1	1.719	29.79
16	4.241	78.34	1.705	31.5
16.5	4.155	82.49	1.671	33.17
17	4.04	86.53	1.624	34.79
17.5	3.915	90.45	1.574	36.37
18	3.772	94.22	1.517	37.89
18.5	3.617	97.84	1.455	39.34
19	3.457	101.3	1.39	40.73
19.5	3.295	104.6	1.325	42.05
20	3.139	107.7	1.262	43.32
20.5	2.986	110.7	1.201	44.52
21	2.848	113.6	1.145	45.66

21.5	2.723	116.3	1.095	46.76
22	2.611	118.9	1.05	47.81
22.5	2.52	121.4	1.013	48.82
23	2.459	123.9	0.9886	49.81
23.5	2.447	126.3	0.9839	50.79
24	2.471	128.8	0.9936	51.79
24.5	2.477	131.3	0.996	52.78
25	2.455	133.7	0.9869	53.77
25.5	2.392	136.1	0.9618	54.73
26	2.315	138.4	0.9308	55.66
26.5	2.236	140.7	0.8992	56.56
27	2.161	142.8	0.869	57.43
27.5	2.092	144.9	0.8413	58.27
28	2.036	147	0.8188	59.09
28.5	1.987	148.9	0.7988	59.89
29	1.932	150.9	0.7769	60.67
29.5	1.864	152.7	0.7496	61.42
30	1.788	154.5	0.7189	62.13
30.5	1.715	156.2	0.6895	62.82
31	1.655	157.9	0.6656	63.49
31.5	1.608	159.5	0.6464	64.14
32	1.566	161.1	0.6297	64.77
32.5	1.526	162.6	0.6137	65.38
33	1.487	164.1	0.598	65.98
33.5	1.45	165.5	0.5829	66.56
34	1.413	166.9	0.5682	67.13
34.5	1.377	168.3	0.5538	67.68
35	1.342	169.7	0.5397	68.22
35.5	1.308	171	0.526	68.75
36	1.274	172.3	0.5123	69.26
36.5	1.242	173.5	0.4993	69.76
37	1.211	174.7	0.487	70.25
37.5	1.182	175.9	0.4751	70.72
38	1.152	177	0.4634	71.19
38.5	1.123	178.2	0.4516	71.64
39	1.096	179.3	0.4405	72.08
39.5	1.069	180.3	0.4299	72.51
40	1.043	181.4	0.4194	72.93
40.5	1.018	182.4	0.4092	73.34
41	0.9939	183.4	0.3996	73.74
41.5	0.9697	184.3	0.3899	74.13
42	0.9465	185.3	0.3806	74.51
42.5	0.9241	186.2	0.3716	74.88
43	0.9023	187.1	0.3628	75.24
43.5	0.8807	188	0.3541	75.59
44	0.86	188.9	0.3458	75.94
44.5	0.8398	189.7	0.3377	76.28
45	0.8198	190.5	0.3296	76.61
45.5	0.8005	191.3	0.3219	76.93



46	0.782	192.1	0.3144	77.24
46.5	0.7637	192.9	0.3071	77.55
47	0.7462	193.6	0.3	77.85
47.5	0.729	194.3	0.2931	78.14
48	0.7125	195.1	0.2865	78.43
48.5	0.6966	195.8	0.2801	78.71
49	0.6808	196.4	0.2737	78.98
49.5	0.6657	197.1	0.2677	79.25
50	0.6507	197.8	0.2616	79.51
50.5	0.6361	198.4	0.2558	79.77
51	0.622	199	0.2501	80.02
51.5	0.6086	199.6	0.2447	80.26
52	0.596	200.2	0.2396	80.5
52.5	0.5833	200.8	0.2345	80.74
53	0.5708	201.4	0.2295	80.97
53.5	0.5587	201.9	0.2246	81.19
54	0.5468	202.5	0.2198	81.41
54.5	0.5355	203	0.2153	81.63
55	0.5244	203.5	0.2108	81.84
55.5	0.5138	204	0.2066	82.05
56	0.5033	204.5	0.2024	82.25
56.5	0.4931	205	0.1983	82.45
57	0.4826	205.5	0.1941	82.64
57.5	0.4729	206	0.1902	82.83
58	0.4631	206.5	0.1862	83.02
58.5	0.4539	206.9	0.1825	83.2
59	0.4445	207.4	0.1787	83.38
59.5	0.4356	207.8	0.1752	83.55
60	0.4266	208.2	0.1715	83.72
60.5	0.4184	208.6	0.1682	83.89
61	0.4098	209.1	0.1648	84.06
61.5	0.4017	209.5	0.1615	84.22
62	0.3935	209.8	0.1582	84.38
62.5	0.3859	210.2	0.1552	84.53
63	0.3781	210.6	0.152	84.68
63.5	0.371	211	0.1492	84.83
64	0.3639	211.3	0.1463	84.98
64.5	0.3569	211.7	0.1435	85.12
65	0.3502	212.1	0.1408	85.26
65.5	0.3435	212.4	0.1381	85.4
66	0.3369	212.7	0.1355	85.54
66.5	0.3308	213.1	0.133	85.67
67	0.3245	213.4	0.1305	85.8
67.5	0.3184	213.7	0.128	85.93
68	0.3124	214	0.1256	86.05
68.5	0.3064	214.3	0.1232	86.18
69	0.3004	214.6	0.1208	86.3
69.5	0.2946	214.9	0.1184	86.42
70	0.2887	215.2	0.1161	86.53

70.5	0.2831	215.5	0.1138	86.65
71	0.2772	215.8	0.1115	86.76
71.5	0.2715	216	0.1092	86.87
72	0.2657	216.3	0.1068	86.97
72.5	0.2601	216.6	0.1046	87.08
73	0.2544	216.8	0.1023	87.18
73.5	0.2491	217.1	0.1002	87.28
74	0.2439	217.3	0.09807	87.38
74.5	0.239	217.6	0.0961	87.48
75	0.2344	217.8	0.09425	87.57
75.5	0.2299	218	0.09245	87.66
76	0.2255	218.2	0.09068	87.75
76.5	0.2213	218.5	0.08898	87.84
77	0.217	218.7	0.08724	87.93
77.5	0.2129	218.9	0.08559	88.02
78	0.2084	219.1	0.08381	88.1
78.5	0.2042	219.3	0.08209	88.18
79	0.1997	219.5	0.0803	88.26
79.5	0.1951	219.7	0.07843	88.34
80	0.1899	219.9	0.07636	88.42
80.5	0.1845	220.1	0.0742	88.49
81	0.1783	220.3	0.07168	88.56
81.5	0.1717	220.4	0.06902	88.63
82	0.1666	220.6	0.06697	88.7
82.5	0.1641	220.8	0.06599	88.76
83	0.1623	220.9	0.06528	88.83
83.5	0.1605	221.1	0.06454	88.89
84	0.1585	221.2	0.06373	88.96
84.5	0.1565	221.4	0.06291	89.02
85	0.1542	221.5	0.06201	89.08
85.5	0.152	221.7	0.0611	89.14
86	0.1498	221.8	0.06023	89.2
86.5	0.1476	222	0.05936	89.26
87	0.1456	222.1	0.05855	89.32
87.5	0.1435	222.3	0.05769	89.38
88	0.1413	222.4	0.05681	89.44
88.5	0.1392	222.6	0.05598	89.49
89	0.1369	222.7	0.05506	89.55
89.5	0.1347	222.8	0.05417	89.6
90	0.1329	223	0.05343	89.65
90.5	0.1313	223.1	0.05281	89.71
91	0.1299	223.2	0.05223	89.76
91.5	0.1285	223.4	0.05166	89.81
92	0.1272	223.5	0.05115	89.86
92.5	0.126	223.6	0.05068	89.91
93	0.1251	223.7	0.05031	89.96
93.5	0.1245	223.9	0.05006	90.01
94	0.1239	224	0.04983	90.06
94.5	0.1234	224.1	0.04963	90.11

95	0.1228	224.2	0.04936	90.16
95.5	0.122	224.4	0.04906	90.21
96	0.1212	224.5	0.04875	90.26
96.5	0.1205	224.6	0.04845	90.31
97	0.1198	224.7	0.04816	90.36
97.5	0.1191	224.8	0.04791	90.4
98	0.1185	225	0.04765	90.45
98.5	0.1177	225.1	0.04732	90.5
99	0.117	225.2	0.04706	90.55
99.5	0.1164	225.3	0.04679	90.59
100	0.1158	225.4	0.04658	90.64
100.5	0.1152	225.5	0.04633	90.69
101	0.1145	225.7	0.04604	90.73
101.5	0.114	225.8	0.04582	90.78
102	0.1135	225.9	0.04564	90.82
102.5	0.1131	226	0.04549	90.87
103	0.1127	226.1	0.04531	90.91
103.5	0.1123	226.2	0.04517	90.96
104	0.1119	226.3	0.045	91
104.5	0.1116	226.4	0.04486	91.05
105	0.111	226.6	0.04463	91.09
105.5	0.1103	226.7	0.04435	91.14
106	0.1096	226.8	0.04406	91.18
106.5	0.109	226.9	0.04382	91.23
107	0.1083	227	0.04353	91.27
107.5	0.1076	227.1	0.04327	91.31
108	0.107	227.2	0.043	91.36
108.5	0.1063	227.3	0.04273	91.4
109	0.1054	227.4	0.04237	91.44
109.5	0.1045	227.5	0.042	91.48
110	0.1035	227.6	0.04163	91.53
110.5	0.1026	227.7	0.04127	91.57
111	0.102	227.8	0.04102	91.61
111.5	0.1015	227.9	0.04082	91.65
112	0.1012	228	0.04071	91.69
112.5	0.1011	228.1	0.04065	91.73
113	0.1011	228.2	0.04067	91.77
113.5	0.1014	228.3	0.04076	91.81
114	0.1017	228.4	0.04089	91.85
114.5	0.1021	228.5	0.04106	91.89
115	0.1026	228.6	0.04124	91.93
115.5	0.1031	228.7	0.04144	91.98
116	0.1036	228.8	0.04165	92.02
116.5	0.1042	229	0.04189	92.06
117	0.1048	229.1	0.04214	92.1
117.5	0.1055	229.2	0.0424	92.14
118	0.1061	229.3	0.04266	92.19
118.5	0.1068	229.4	0.04292	92.23
119	0.1074	229.5	0.04318	92.27

119.5	0.108	229.6	0.04344	92.32
120	0.1087	229.7	0.0437	92.36
120.5	0.1093	229.8	0.04394	92.4
121	0.11	229.9	0.04424	92.45
121.5	0.1109	230	0.0446	92.49
122	0.1118	230.1	0.04496	92.54
122.5	0.1127	230.3	0.04531	92.58
123	0.1136	230.4	0.04567	92.63
123.5	0.1144	230.5	0.046	92.67
124	0.1153	230.6	0.04637	92.72
124.5	0.1162	230.7	0.04672	92.77
125	0.1171	230.8	0.04709	92.81
125.5	0.1181	230.9	0.04748	92.86
126	0.1191	231.1	0.04789	92.91
126.5	0.1202	231.2	0.04832	92.96
127	0.1214	231.3	0.04879	93.01
127.5	0.1225	231.4	0.04925	93.06
128	0.1238	231.6	0.04978	93.11
128.5	0.125	231.7	0.05027	93.16
129	0.1264	231.8	0.05081	93.21
129.5	0.1277	231.9	0.05136	93.26
130	0.1292	232.1	0.05195	93.31
130.5	0.1307	232.2	0.05255	93.36
131	0.1322	232.3	0.05316	93.42
131.5	0.1338	232.5	0.05379	93.47
132	0.1353	232.6	0.05441	93.52
132.5	0.137	232.7	0.05507	93.58
133	0.1387	232.9	0.05575	93.64
133.5	0.1403	233	0.05643	93.69
134	0.1421	233.2	0.05714	93.75
134.5	0.1438	233.3	0.05783	93.81
135	0.1458	233.4	0.05863	93.87
135.5	0.1477	233.6	0.05938	93.92
136	0.1498	233.7	0.06023	93.98
136.5	0.1519	233.9	0.06109	94.05
137	0.1544	234	0.06208	94.11
137.5	0.1568	234.2	0.06305	94.17
138	0.1594	234.4	0.06408	94.24
138.5	0.162	234.5	0.06514	94.3
139	0.1648	234.7	0.06627	94.37
139.5	0.1677	234.9	0.06742	94.43
140	0.1707	235	0.06865	94.5
140.5	0.1738	235.2	0.06987	94.57
141	0.1771	235.4	0.07121	94.64
141.5	0.1805	235.6	0.07259	94.72
142	0.1841	235.7	0.07404	94.79
142.5	0.1877	235.9	0.07547	94.87
143	0.1917	236.1	0.07707	94.94
143.5	0.1956	236.3	0.07866	95.02

144	0.1997	236.5	0.08029	95.1
144.5	0.2037	236.7	0.08189	95.18
145	0.208	236.9	0.08364	95.27
145.5	0.2125	237.1	0.08544	95.35
146	0.2169	237.4	0.08723	95.44
146.5	0.2211	237.6	0.08892	95.53
147	0.2255	237.8	0.09068	95.62
147.5	0.2297	238	0.09235	95.71
148	0.2338	238.3	0.09399	95.81
148.5	0.2375	238.5	0.09548	95.9
149	0.241	238.7	0.09692	96
149.5	0.2442	239	0.09821	96.1
150	0.2473	239.2	0.09942	96.2
150.5	0.2497	239.5	0.1004	96.3
151	0.2522	239.7	0.1014	96.4
151.5	0.2544	240	0.1023	96.5
152	0.2561	240.3	0.103	96.6
152.5	0.2574	240.5	0.1035	96.71
153	0.2585	240.8	0.1039	96.81
153.5	0.2591	241	0.1042	96.91
154	0.2595	241.3	0.1044	97.02
154.5	0.2595	241.5	0.1043	97.12
155	0.2592	241.8	0.1042	97.23
155.5	0.2588	242.1	0.1041	97.33
156	0.2581	242.3	0.1038	97.44
156.5	0.2572	242.6	0.1034	97.54
157	0.2563	242.8	0.1031	97.64
157.5	0.2552	243.1	0.1026	97.74
158	0.2538	243.3	0.102	97.85
158.5	0.252	243.6	0.1013	97.95
159	0.2504	243.8	0.1007	98.05
159.5	0.2489	244.1	0.1001	98.15
160	0.2474	244.3	0.09948	98.25
160.5	0.2457	244.6	0.0988	98.35
161	0.2441	244.8	0.09816	98.45
161.5	0.243	245.1	0.0977	98.54
162	0.242	245.3	0.09732	98.64
162.5	0.241	245.6	0.09689	98.74
163	0.2402	245.8	0.09657	98.83
163.5	0.2395	246	0.0963	98.93
164	0.2386	246.3	0.09596	99.03
164.5	0.2372	246.5	0.09536	99.12
165	0.2354	246.8	0.09465	99.22
165.5	0.2325	247	0.09349	99.31
166	0.2289	247.2	0.09204	99.4
166.5	0.2238	247.4	0.08997	99.49
167	0.2178	247.7	0.08759	99.58
167.5	0.2107	247.9	0.08474	99.66
168	0.2028	248.1	0.08153	99.75

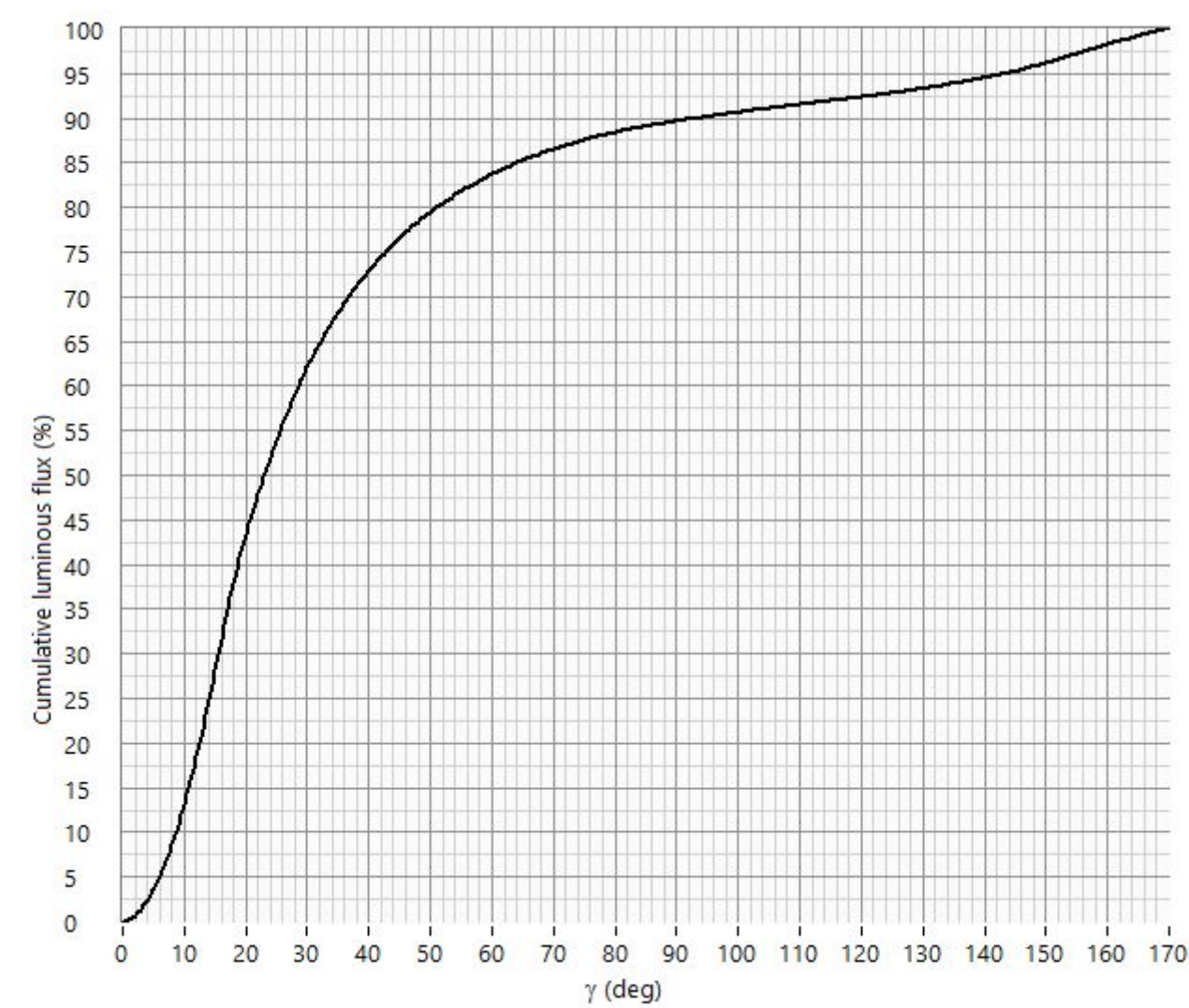
Report time: 2.5.2025 13.42  
Report No.: DECO50-250019

Manufacturer: Secto Design

Item No.: Secto small 4201

168.5	0.1937	248.3	0.07789	99.82
169	0.1839	248.4	0.07393	99.9
169.5	0.1735	248.6	0.06976	99.97
170	0.08235	248.7	0.03311	100

Figure. Cumulative luminous flux



Söllner diagram (EN 12464) - Luminance

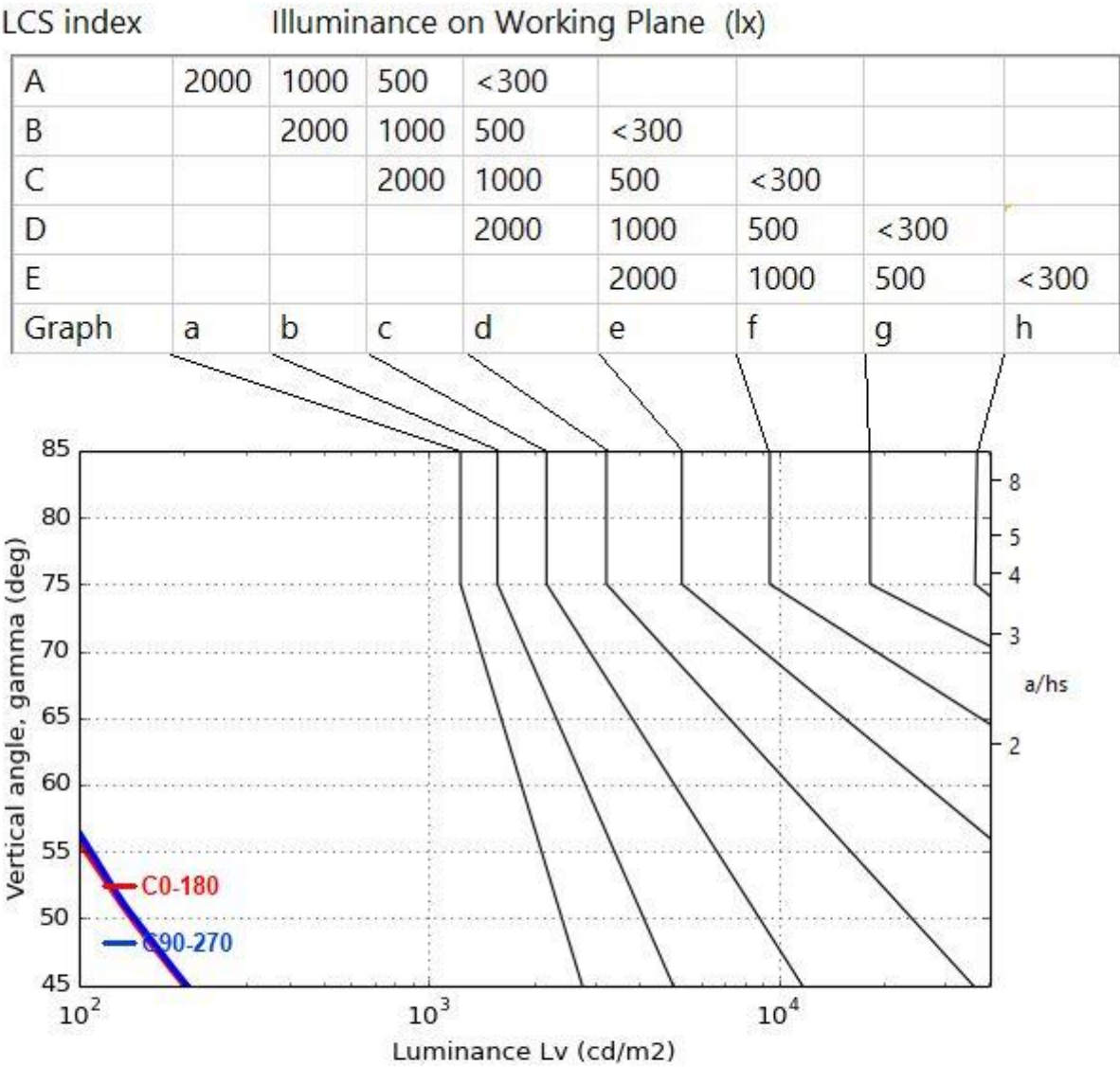


Table. Luminance [Lv] = cd/m2

	C 0	C 45	C 90
$\gamma$ 0	6764	6764	6764
$\gamma$ 45	200	197	204
$\gamma$ 55	105	104	109
$\gamma$ 65	62	62	65
$\gamma$ 75	40	39	42
$\gamma$ 85	29	24	30



[illegible]

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

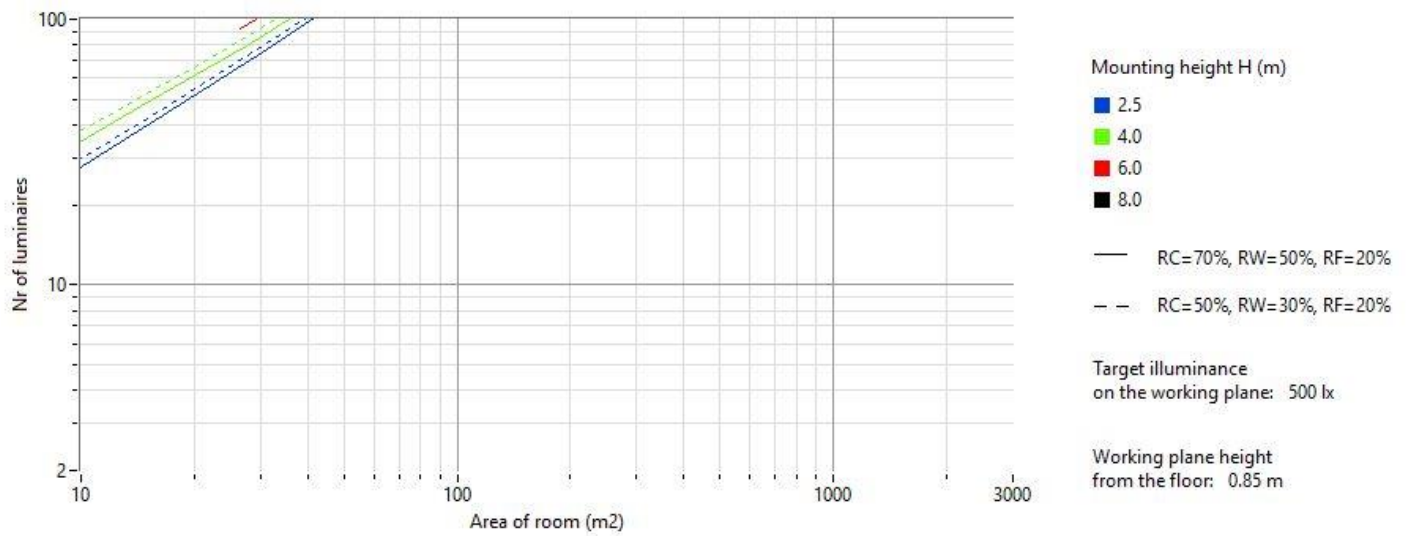


Table. Coefficient of Utilization (CU).

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	113	113	113	113	106	106	106	99	99	99	93	93	93
1	92	89	87	86	92	90	88	86	90	89	87	91	90	88	92	90	89
2	90	85	82	79	89	85	82	80	86	83	80	86	83	81	86	84	82
3	87	81	77	74	86	81	77	74	81	77	74	81	77	75	80	78	75
4	84	77	73	69	83	77	73	69	77	73	69	76	73	70	76	73	70
5	81	73	68	65	80	73	68	65	73	68	65	72	68	65	72	68	65
6	78	70	65	61	77	70	65	61	69	64	61	68	64	61	68	64	61
7	75	67	61	58	74	66	61	58	66	61	58	65	61	58	64	61	58
8	72	63	58	55	71	63	58	55	63	58	55	62	58	55	61	58	55
9	69	61	55	52	68	60	55	52	60	55	52	59	55	52	59	55	52
10	67	58	53	49	66	58	53	49	57	53	49	57	52	49	56	52	49

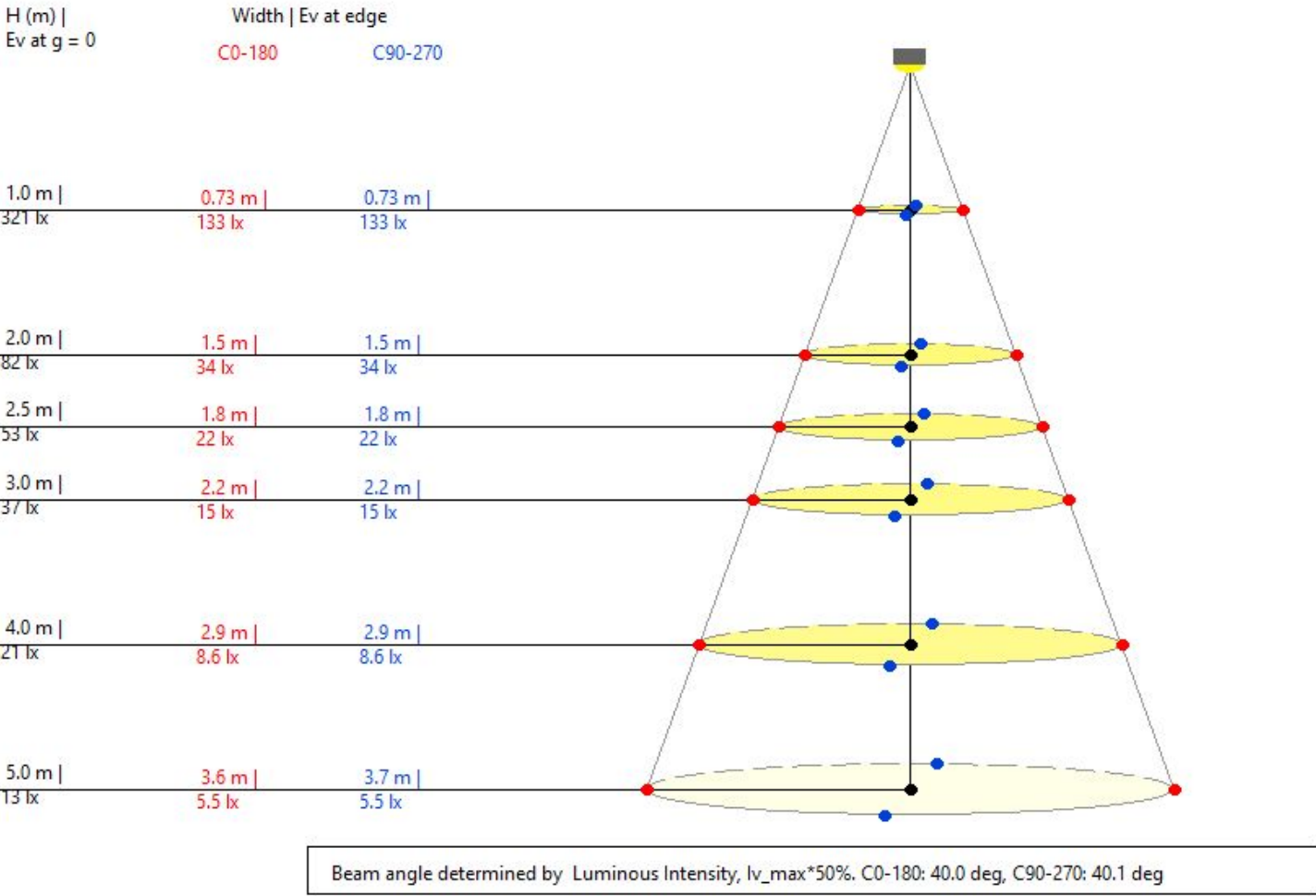
Table. Wall Exitance Coefficients (WEC).

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	33.5	22.8	13.1	4.2	32.0	21.8	12.6	4.0	19.9	11.5	3.7	17.8	10.3	3.3	15.5	9.0	2.9
2	32.5	21.4	11.9	3.7	31.0	20.5	11.4	3.6	18.7	10.5	3.3	16.8	9.5	3.0	14.7	8.3	2.6
3	31.5	20.1	11.0	3.4	30.0	19.3	10.6	3.2	17.6	9.7	3.0	15.8	8.8	2.7	13.9	7.7	2.4
4	30.5	19.1	10.2	3.1	29.1	18.3	9.9	3.0	16.7	9.0	2.8	15.0	8.2	2.5	13.2	7.2	2.2
5	29.6	18.2	9.6	2.9	28.2	17.4	9.3	2.8	15.9	8.5	2.6	14.3	7.7	2.3	12.5	6.7	2.0
6	28.8	17.4	9.1	2.7	27.4	16.7	8.8	2.6	15.2	8.0	2.4	13.6	7.2	2.2	11.9	6.3	1.9
7	28.0	16.7	8.7	2.6	26.7	16.0	8.4	2.5	14.5	7.6	2.3	13.0	6.9	2.0	11.4	6.0	1.8
8	27.3	16.1	8.4	2.5	26.0	15.4	8.0	2.4	14.0	7.3	2.2	12.5	6.5	1.9	10.9	5.7	1.7
9	26.6	15.6	8.1	2.4	25.3	14.9	7.8	2.3	13.5	7.0	2.1	12.0	6.2	1.9	10.5	5.4	1.6
10	25.9	15.1	7.9	2.4	24.7	14.4	7.5	2.3	13.0	6.8	2.0	11.6	6.0	1.8	10.1	5.2	1.5

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	112.7	105.0	98.2	92.0	44.9	41.4	38.3	35.5	14.2	13.0	12.0	6.6	6.1	5.6	2.0	1.9	1.7
2	108.9	95.2	83.9	74.4	43.7	37.5	32.3	28.0	13.0	11.0	9.3	6.1	5.2	4.5	1.9	1.6	1.4
3	104.5	86.0	71.8	60.4	42.2	33.8	27.3	22.0	11.8	9.3	7.2	5.7	4.5	3.6	1.8	1.4	1.2
4	99.5	77.4	61.3	48.9	40.5	30.4	22.9	17.1	10.8	7.9	5.6	5.3	3.9	2.9	1.6	1.3	1.0
5	94.3	69.4	52.1	39.3	38.6	27.2	19.1	13.1	9.8	6.6	4.2	4.9	3.5	2.3	1.5	1.1	0.8
6	88.9	62.1	44.0	31.1	36.6	24.3	15.8	9.7	8.9	5.6	3.1	4.5	3.0	1.9	1.5	1.0	0.7
7	83.5	55.3	36.9	24.1	34.6	21.5	12.9	6.8	8.1	4.7	2.2	4.2	2.7	1.5	1.4	0.9	0.6
8	78.3	49.1	30.7	18.1	32.6	19.0	10.4	4.3	7.3	3.9	1.4	3.9	2.3	1.2	1.3	0.9	0.5
9	73.2	43.4	25.2	12.8	30.6	16.7	8.1	2.2	6.6	3.2	0.7	3.7	2.1	0.9	1.2	0.8	0.5
10	68.3	38.3	20.3	8.3	28.7	14.7	6.1	0.3	6.0	2.5	0.1	3.4	1.8	0.7	1.2	0.7	0.4

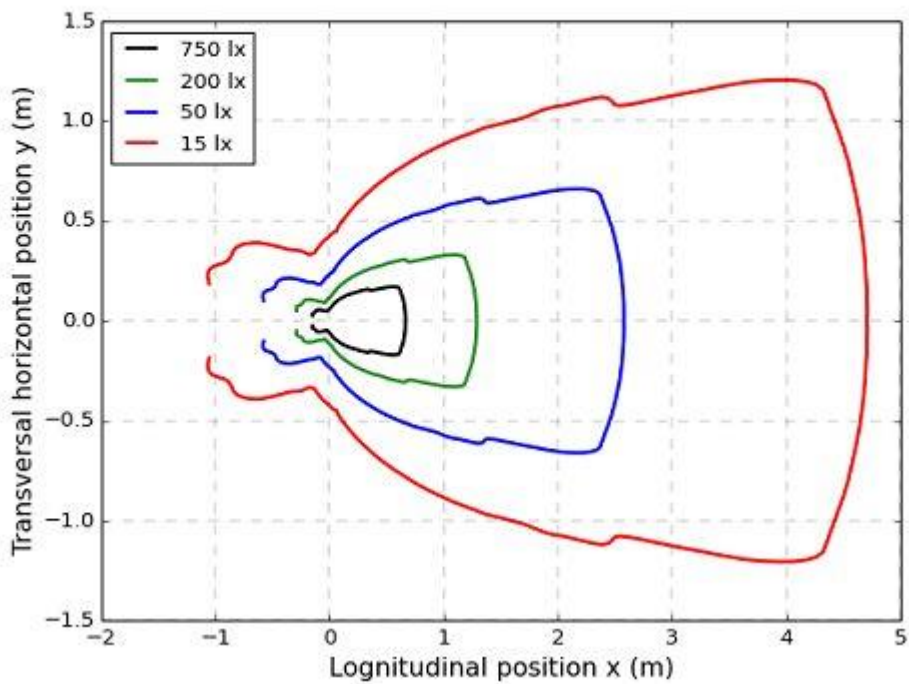
- CONE DIAGRAM
- Cone is limited by the beam angle at the planes of C0 and C90
  - H = Mounting Height
  - D = Cone diameter
  - Ev Edge = Illuminance at the edge of the cone of the C0/90 plane
  - Ev Center = Illuminance at the center of the cone



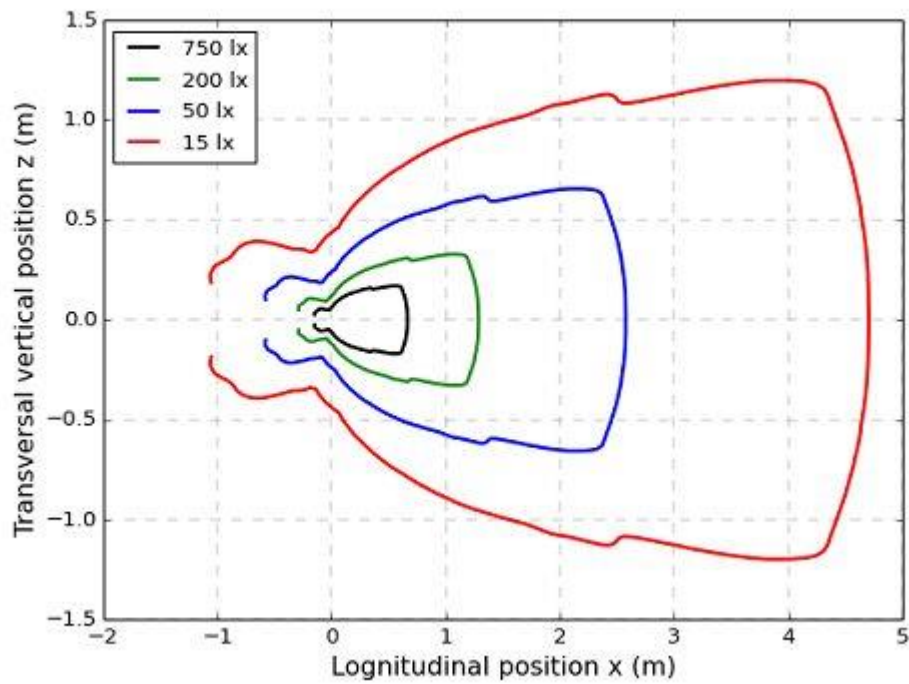


LOGNITUDINAL ISOLUX CURVES

Horizontal



Vertical



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

Mounting height of 2.50 m.

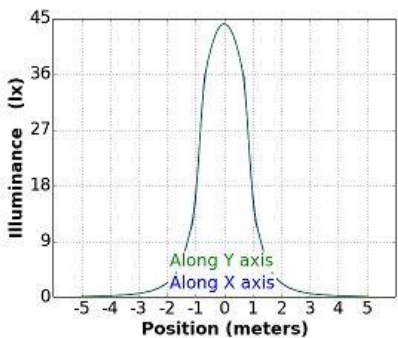
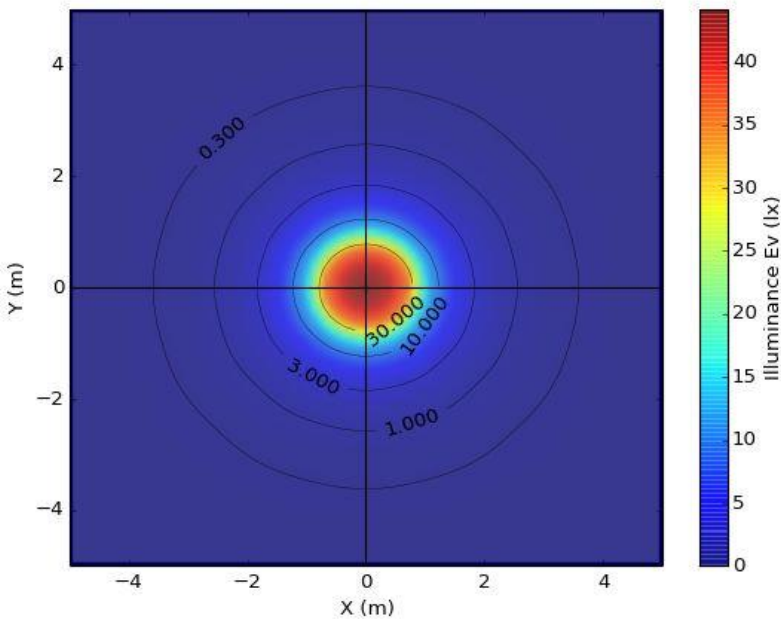
Lamp center position  $x = 0.0$  m,  $y = 0.0$  m.

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.

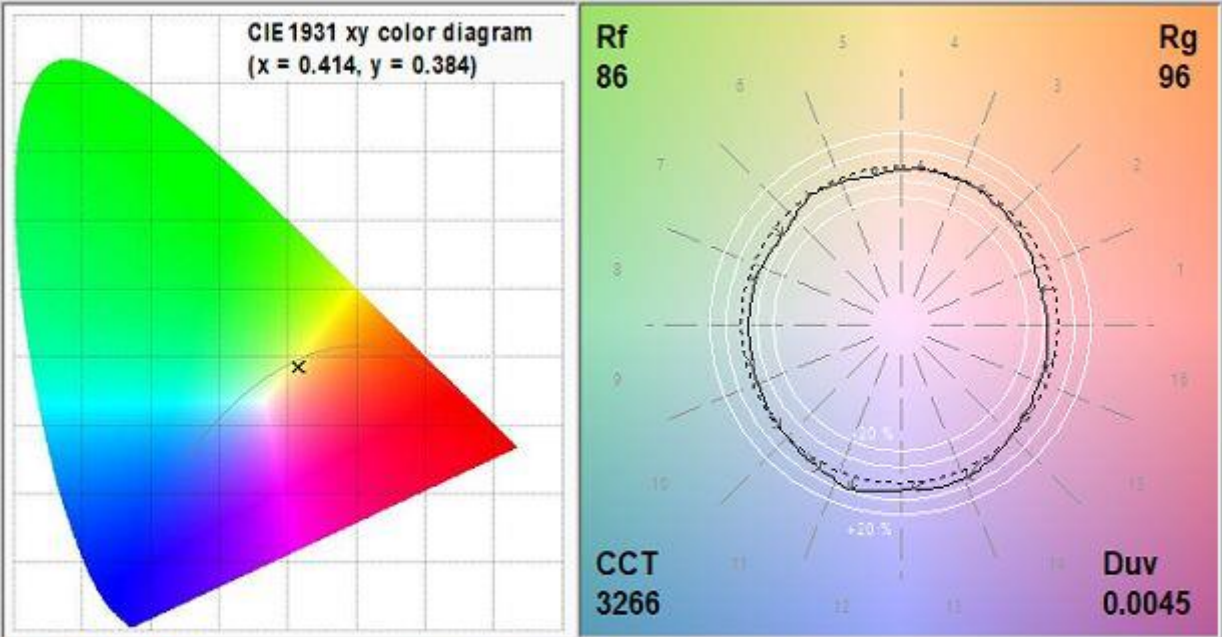
Distance between lamps: X = 0.00 meters, Y = 0.00 meters.



Average Ev:	1.89 lx
Uniformity:	1.39 %
Max Ev:	44.2 lx
Min Ev:	0.0263 lx

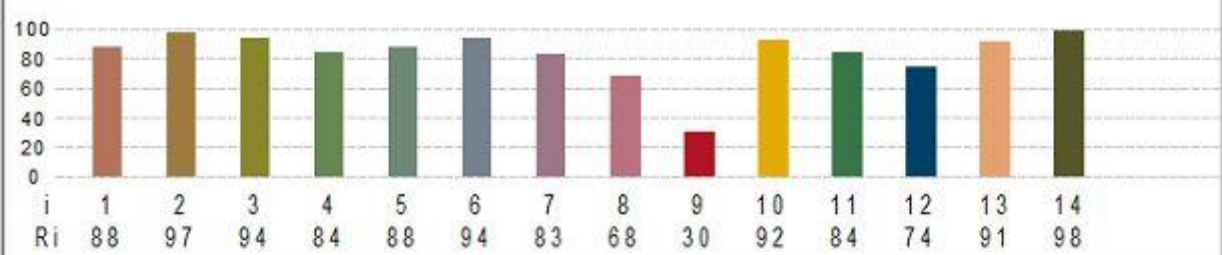
Power Consumption: 8 W

# GonioSpectroRadiometric Test Report



Ra (R1-R8) = 87

Special color rendition index CRI Ri 1-14



Fidelity indices Rf of the 16 hue bins

