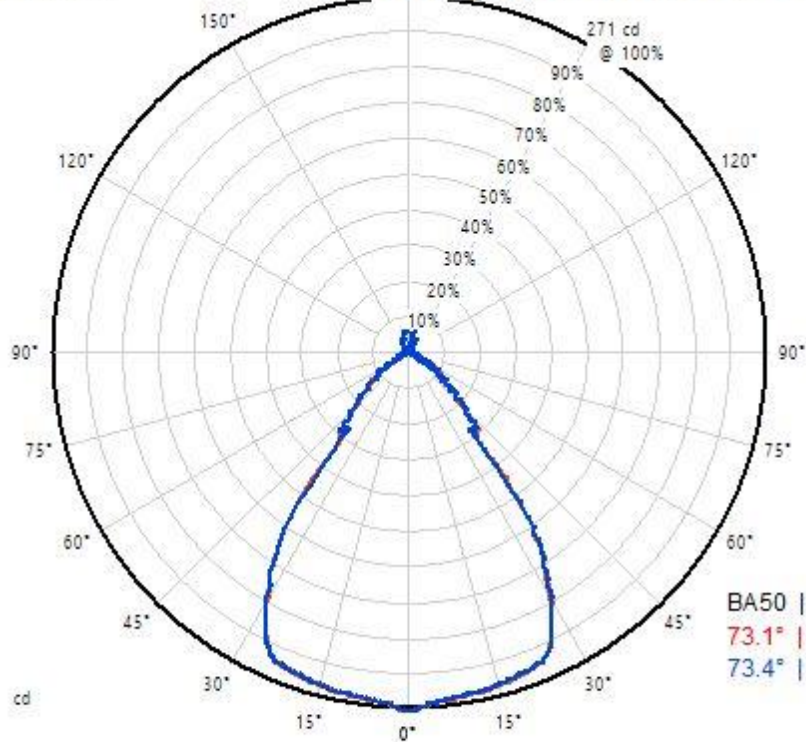


C0-180  
C90-270

# Goniophotometric Test Report



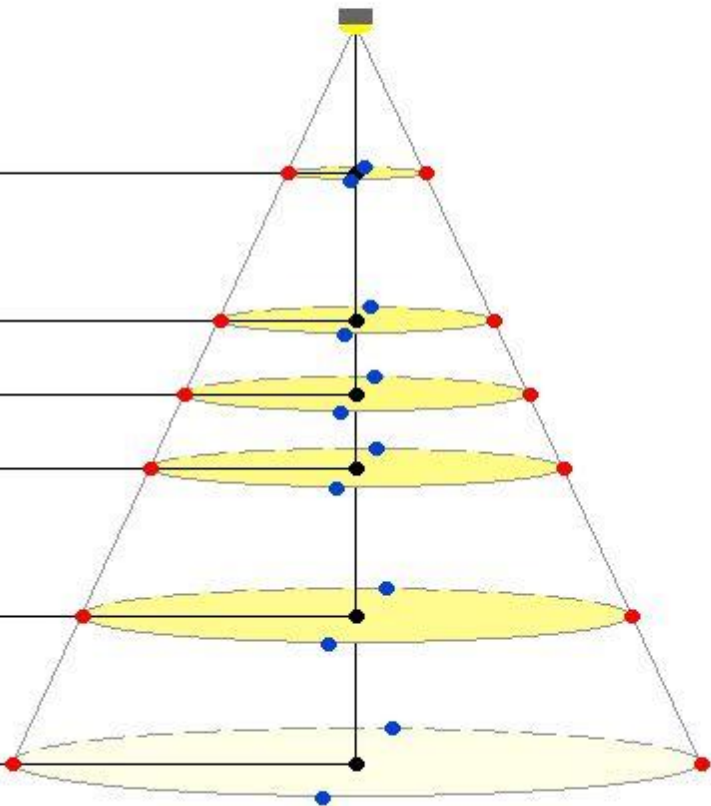
Phi = 413.8 lm  
LPW = 51.7 lm/W  
DWFF = 94.6 %  
lv(g=0) = 270.9 cd

BA50 | BA10  
73.1° | 110.4°  
73.4° | 110.1°

Pin = 8.036 W  
PF = 0.9317  
Vin = 230.4 V  
If = 0.0370 A

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

1.0 m	1.5 m	1.5 m
251 lv	65 lv	65 lv
2.0 m	3.0 m	3.0 m
66 lv	17 lv	17 lv
2.5 m	3.7 m	3.7 m
42 lv	11 lv	11 lv
3.0 m	4.4 m	4.5 m
30 lv	7.7 lv	7.7 lv
4.0 m	5.9 m	6.0 m
17 lv	11 lv	11 lv
5.0 m	7.4 m	7.4 m
11 lv	2.8 lv	2.8 lv



Beam angle determined by Luminous Intensity, lv max\*50%. C0-180: 73.1 de

**Table. Measurement results of the main luminous parameters**

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
413.8 lm	8 W	51.7 lm/W	100.0 %	94.6 %	270.9 cd

**Table. Electrical parameters during the light measurements.**

	Pin	PF	Vin	If
Value	8.036 W	0.9317	230.4 V	0.0370 A
St.dev.	0.02 %	0.05 %	0.02 %	0.00 %

**Table. Maximum Luminous Intensity and its direction**

Iv	g	C plane
271 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	73.1°	110.4°	0.0°
C90-270	73.4°	110.1°	0.0°

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

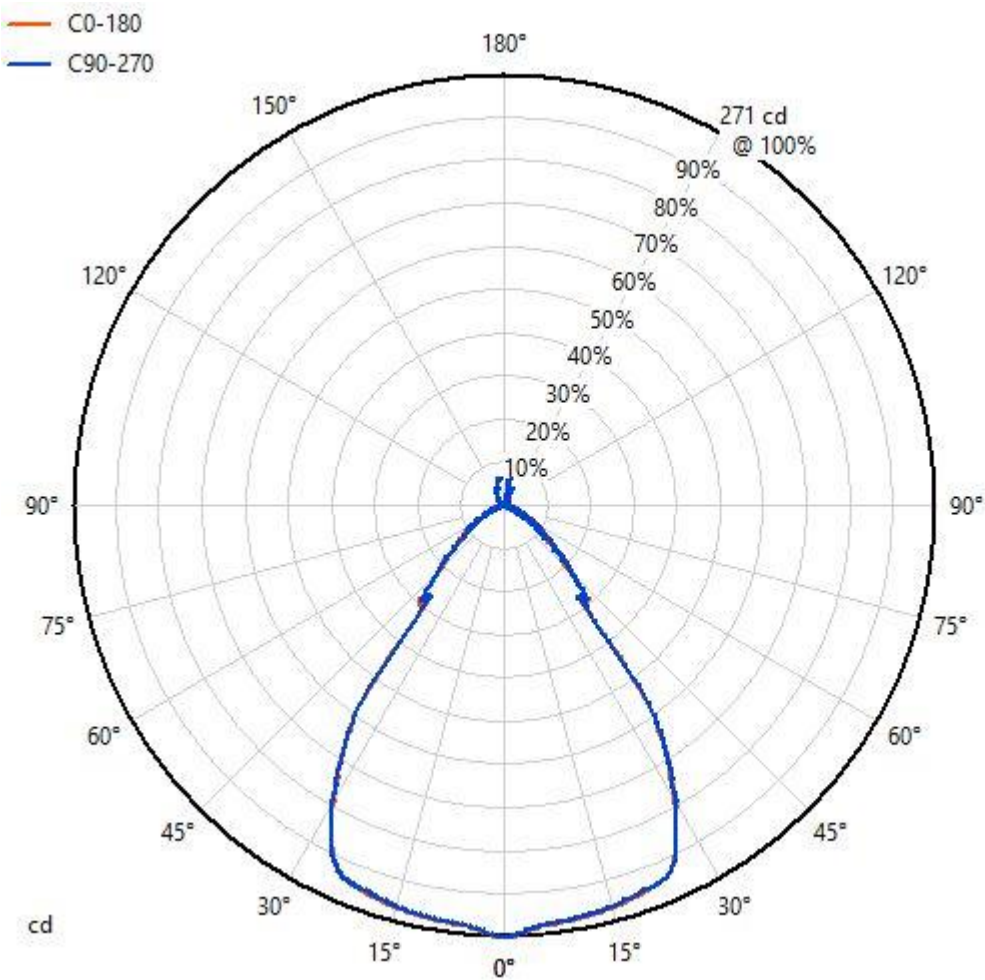
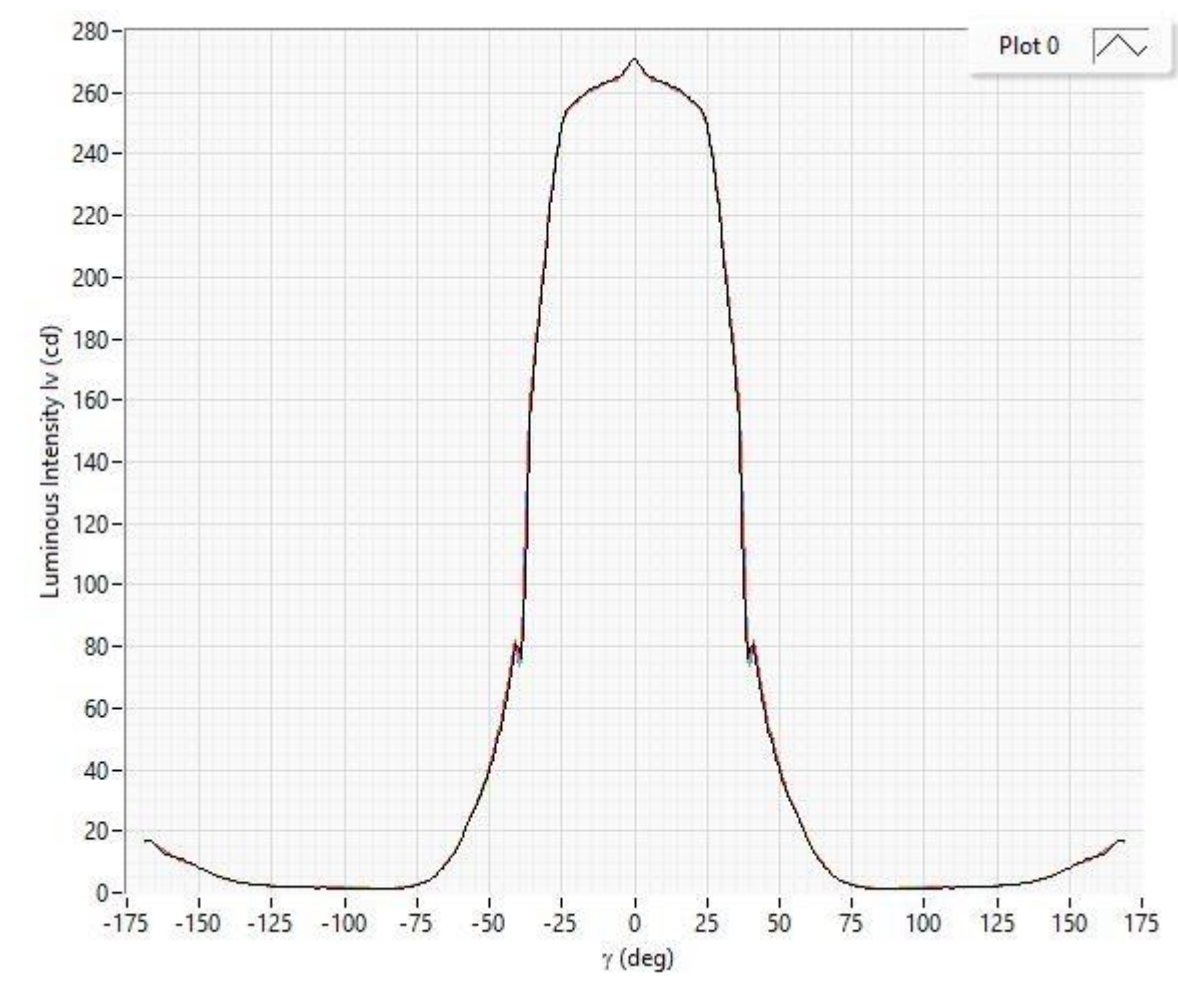


Figure. Luminous Intensity distribution in cartesian diagram at all measured C planes.



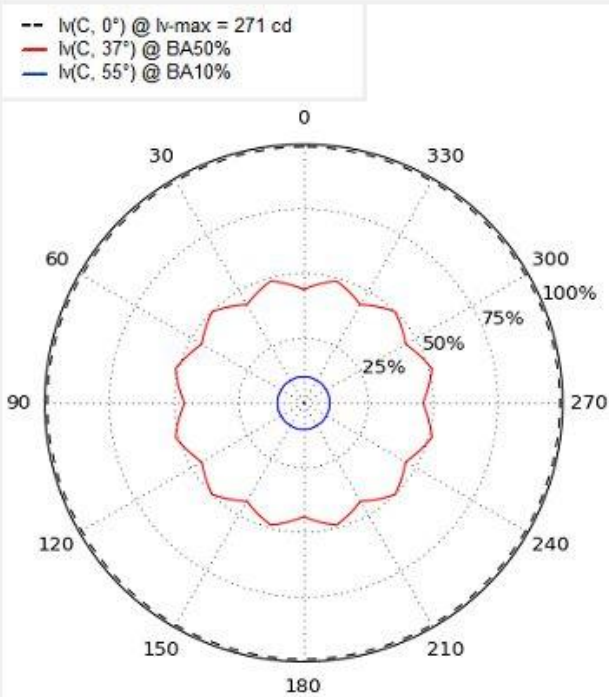


Table. Zonal lumen summary

	Lumens	Relative lumens (%)
0-20	101.40	24.50
0-30	214.30	51.79
0-40	307.20	74.24
0-60	377.70	91.28
0-80	390.00	94.25
0-90	391.60	94.64
10-90	365.09	88.23
20-40	205.80	49.73
20-50	251.90	60.87
40-70	79.90	19.31
40-90	84.40	20.40
60-80	12.30	2.97
60-90	13.90	3.36
70-80	2.90	0.70
80-90	1.60	0.39
90-110	3.50	0.85
90-120	5.20	1.26
90-130	7.20	1.74
90-150	13.50	3.26
90-180	22.20	5.36
110-180	18.70	4.52
0-180	413.80	100.00
	190.80	46.11

**Table. Cumulative and Zonal luminous flux**

gamma (deg)	Zone Flux (lm)	Sum Flux (lm)	Zone Flux (%)	Sum Flux (%)
0	0.0162	0.0162	0.003915	0.003915
0.5	0.1295	0.1457	0.0313	0.03521
1	0.2586	0.4043	0.06249	0.0977
1.5	0.3871	0.7914	0.09354	0.1912
2	0.5145	1.306	0.1243	0.3156
2.5	0.6409	1.947	0.1549	0.4705
3	0.7666	2.713	0.1852	0.6557
3.5	0.8916	3.605	0.2155	0.8712
4	1.017	4.622	0.2457	1.117
4.5	1.141	5.763	0.2757	1.393
5	1.265	7.028	0.3058	1.698
5.5	1.39	8.418	0.3359	2.034
6	1.514	9.933	0.366	2.4
6.5	1.639	11.57	0.3962	2.796
7	1.763	13.34	0.4262	3.223
7.5	1.888	15.22	0.4562	3.679
8	2.012	17.23	0.4862	4.165
8.5	2.135	19.37	0.516	4.681
9	2.259	21.63	0.5458	5.227
9.5	2.381	24.01	0.5755	5.802
10	2.504	26.51	0.6051	6.408
10.5	2.626	29.14	0.6345	7.042
11	2.747	31.89	0.6637	7.706
11.5	2.867	34.75	0.6929	8.399
12	2.987	37.74	0.7218	9.121
12.5	3.107	40.85	0.7508	9.871
13	3.226	44.07	0.7796	10.65
13.5	3.345	47.42	0.8083	11.46
14	3.463	50.88	0.8369	12.3
14.5	3.58	54.46	0.8651	13.16
15	3.697	58.16	0.8933	14.05
15.5	3.812	61.97	0.9212	14.98
16	3.927	65.9	0.9491	15.92
16.5	4.042	69.94	0.9767	16.9
17	4.155	74.09	1.004	17.91
17.5	4.268	78.36	1.031	18.94
18	4.38	82.74	1.058	20
18.5	4.492	87.23	1.085	21.08
19	4.601	91.83	1.112	22.19
19.5	4.711	96.55	1.138	23.33
20	4.82	101.4	1.165	24.5
20.5	4.928	106.3	1.191	25.69
21	5.035	111.3	1.217	26.9

21.5	5.142	116.5	1.243	28.15
22	5.244	121.7	1.267	29.41
22.5	5.347	127.1	1.292	30.71
23	5.448	132.5	1.317	32.02
23.5	5.544	138.1	1.34	33.36
24	5.633	143.7	1.361	34.72
24.5	5.711	149.4	1.38	36.1
25	5.776	155.2	1.396	37.5
25.5	5.829	161	1.409	38.91
26	5.874	166.9	1.42	40.33
26.5	5.903	172.8	1.427	41.75
27	5.926	178.7	1.432	43.19
27.5	5.941	184.6	1.436	44.62
28	5.945	190.6	1.437	46.06
28.5	5.943	196.5	1.436	47.5
29	5.934	202.5	1.434	48.93
29.5	5.917	208.4	1.43	50.36
30	5.893	214.3	1.424	51.78
30.5	5.859	220.1	1.416	53.2
31	5.821	226	1.407	54.61
31.5	5.776	231.7	1.396	56
32	5.722	237.5	1.383	57.38
32.5	5.663	243.1	1.369	58.75
33	5.598	248.7	1.353	60.11
33.5	5.528	254.2	1.336	61.44
34	5.452	259.7	1.318	62.76
34.5	5.37	265.1	1.298	64.06
35	5.286	270.4	1.277	65.33
35.5	5.198	275.6	1.256	66.59
36	5.045	280.6	1.219	67.81
36.5	4.758	285.4	1.15	68.96
37	4.278	289.6	1.034	69.99
37.5	3.705	293.3	0.8954	70.89
38	3.2	296.5	0.7732	71.66
38.5	2.817	299.4	0.6808	72.34
39	2.608	302	0.6303	72.97
39.5	2.606	304.6	0.6298	73.6
40	2.674	307.2	0.6462	74.25
40.5	2.779	310	0.6717	74.92
41	2.888	312.9	0.698	75.62
41.5	2.906	315.8	0.7023	76.32
42	2.845	318.7	0.6876	77.01
42.5	2.715	321.4	0.6561	77.66
43	2.601	324	0.6286	78.29
43.5	2.515	326.5	0.6078	78.9
44	2.458	328.9	0.5941	79.5
44.5	2.397	331.3	0.5794	80.07
45	2.31	333.7	0.5582	80.63
45.5	2.21	335.9	0.534	81.17



46	2.125	338	0.5136	81.68
46.5	2.076	340.1	0.5018	82.18
47	2.042	342.1	0.4934	82.68
47.5	2.002	344.1	0.4838	83.16
48	1.954	346.1	0.4723	83.63
48.5	1.9	348	0.4592	84.09
49	1.842	349.8	0.4452	84.54
49.5	1.783	351.6	0.4308	84.97
50	1.722	353.3	0.4161	85.38
50.5	1.661	355	0.4013	85.78
51	1.601	356.6	0.387	86.17
51.5	1.544	358.1	0.3731	86.54
52	1.49	359.6	0.3601	86.9
52.5	1.44	361	0.3481	87.25
53	1.396	362.4	0.3373	87.59
53.5	1.357	363.8	0.3278	87.92
54	1.319	365.1	0.3188	88.24
54.5	1.281	366.4	0.3096	88.55
55	1.242	367.6	0.3002	88.85
55.5	1.203	368.8	0.2907	89.14
56	1.162	370	0.2808	89.42
56.5	1.119	371.1	0.2704	89.69
57	1.076	372.2	0.2601	89.95
57.5	1.033	373.2	0.2496	90.2
58	0.9905	374.2	0.2394	90.44
58.5	0.9468	375.2	0.2288	90.67
59	0.9021	376.1	0.218	90.88
59.5	0.8571	376.9	0.2071	91.09
60	0.8122	377.7	0.1963	91.29
60.5	0.7691	378.5	0.1859	91.47
61	0.7286	379.2	0.1761	91.65
61.5	0.6903	379.9	0.1668	91.82
62	0.6517	380.6	0.1575	91.97
62.5	0.6188	381.2	0.1495	92.12
63	0.5876	381.8	0.142	92.27
63.5	0.5591	382.4	0.1351	92.4
64	0.5304	382.9	0.1282	92.53
64.5	0.5011	383.4	0.1211	92.65
65	0.472	383.9	0.1141	92.76
65.5	0.4429	384.3	0.107	92.87
66	0.4142	384.7	0.1001	92.97
66.5	0.3856	385.1	0.09318	93.06
67	0.3586	385.5	0.08665	93.15
67.5	0.3333	385.8	0.08055	93.23
68	0.3099	386.1	0.0749	93.31
68.5	0.2888	386.4	0.06979	93.38
69	0.2695	386.7	0.06514	93.44
69.5	0.2517	386.9	0.06083	93.5
70	0.2359	387.1	0.057	93.56

70.5	0.2216	387.4	0.05356	93.61
71	0.2085	387.6	0.05038	93.66
71.5	0.1963	387.8	0.04744	93.71
72	0.1854	388	0.04481	93.76
72.5	0.1755	388.1	0.04242	93.8
73	0.1664	388.3	0.0402	93.84
73.5	0.1579	388.5	0.03816	93.88
74	0.1503	388.6	0.03633	93.91
74.5	0.1434	388.8	0.03465	93.95
75	0.1368	388.9	0.03306	93.98
75.5	0.1308	389	0.03161	94.01
76	0.1254	389.1	0.0303	94.04
76.5	0.1203	389.3	0.02908	94.07
77	0.1156	389.4	0.02794	94.1
77.5	0.1111	389.5	0.02686	94.13
78	0.107	389.6	0.02587	94.15
78.5	0.1033	389.7	0.02495	94.18
79	0.09961	389.8	0.02407	94.2
79.5	0.09617	389.9	0.02324	94.22
80	0.09284	390	0.02244	94.25
80.5	0.08895	390.1	0.0215	94.27
81	0.08675	390.2	0.02096	94.29
81.5	0.08325	390.2	0.02012	94.31
82	0.08191	390.3	0.0198	94.33
82.5	0.08098	390.4	0.01957	94.35
83	0.08	390.5	0.01933	94.37
83.5	0.08001	390.6	0.01934	94.39
84	0.07962	390.7	0.01924	94.41
84.5	0.07933	390.7	0.01917	94.43
85	0.07908	390.8	0.01911	94.44
85.5	0.0789	390.9	0.01907	94.46
86	0.07879	391	0.01904	94.48
86.5	0.07876	391	0.01903	94.5
87	0.07875	391.1	0.01903	94.52
87.5	0.07872	391.2	0.01902	94.54
88	0.07863	391.3	0.019	94.56
88.5	0.07856	391.4	0.01898	94.58
89	0.07853	391.4	0.01898	94.6
89.5	0.07852	391.5	0.01898	94.62
90	0.07858	391.6	0.01899	94.63
90.5	0.07864	391.7	0.01901	94.65
91	0.07872	391.8	0.01902	94.67
91.5	0.07881	391.8	0.01905	94.69
92	0.07894	391.9	0.01908	94.71
92.5	0.07916	392	0.01913	94.73
93	0.07946	392.1	0.0192	94.75
93.5	0.0799	392.2	0.01931	94.77
94	0.08045	392.2	0.01944	94.79
94.5	0.08109	392.3	0.0196	94.81

95	0.08178	392.4	0.01976	94.83
95.5	0.08246	392.5	0.01993	94.85
96	0.08314	392.6	0.02009	94.87
96.5	0.08377	392.6	0.02024	94.89
97	0.08445	392.7	0.02041	94.91
97.5	0.08508	392.8	0.02056	94.93
98	0.08574	392.9	0.02072	94.95
98.5	0.08626	393	0.02085	94.97
99	0.08683	393.1	0.02098	94.99
99.5	0.08739	393.2	0.02112	95.01
100	0.0879	393.2	0.02124	95.03
100.5	0.08841	393.3	0.02137	95.05
101	0.08885	393.4	0.02147	95.08
101.5	0.08933	393.5	0.02159	95.1
102	0.08974	393.6	0.02169	95.12
102.5	0.09008	393.7	0.02177	95.14
103	0.09047	393.8	0.02186	95.16
103.5	0.09075	393.9	0.02193	95.19
104	0.09099	394	0.02199	95.21
104.5	0.09117	394.1	0.02203	95.23
105	0.09128	394.1	0.02206	95.25
105.5	0.09128	394.2	0.02206	95.27
106	0.09128	394.3	0.02206	95.3
106.5	0.09124	394.4	0.02205	95.32
107	0.09111	394.5	0.02202	95.34
107.5	0.09102	394.6	0.022	95.36
108	0.09084	394.7	0.02195	95.38
108.5	0.09066	394.8	0.02191	95.41
109	0.09034	394.9	0.02183	95.43
109.5	0.08996	395	0.02174	95.45
110	0.08958	395.1	0.02165	95.47
110.5	0.08915	395.1	0.02154	95.49
111	0.0888	395.2	0.02146	95.51
111.5	0.0884	395.3	0.02136	95.53
112	0.08813	395.4	0.0213	95.56
112.5	0.08789	395.5	0.02124	95.58
113	0.08776	395.6	0.02121	95.6
113.5	0.08765	395.7	0.02118	95.62
114	0.08764	395.8	0.02118	95.64
114.5	0.08774	395.8	0.0212	95.66
115	0.08786	395.9	0.02123	95.68
115.5	0.08804	396	0.02128	95.7
116	0.08828	396.1	0.02133	95.73
116.5	0.08857	396.2	0.0214	95.75
117	0.08889	396.3	0.02148	95.77
117.5	0.08925	396.4	0.02157	95.79
118	0.0897	396.5	0.02168	95.81
118.5	0.09016	396.6	0.02179	95.83
119	0.0907	396.6	0.02192	95.86

119.5	0.0912	396.7	0.02204	95.88
120	0.0917	396.8	0.02216	95.9
120.5	0.09223	396.9	0.02229	95.92
121	0.09283	397	0.02243	95.94
121.5	0.09345	397.1	0.02258	95.97
122	0.09409	397.2	0.02274	95.99
122.5	0.09474	397.3	0.0229	96.01
123	0.09547	397.4	0.02307	96.04
123.5	0.09622	397.5	0.02325	96.06
124	0.09696	397.6	0.02343	96.08
124.5	0.09777	397.7	0.02363	96.11
125	0.09863	397.8	0.02384	96.13
125.5	0.09948	397.9	0.02404	96.15
126	0.1003	398	0.02423	96.18
126.5	0.1011	398.1	0.02442	96.2
127	0.102	398.2	0.02464	96.23
127.5	0.1029	398.3	0.02487	96.25
128	0.1039	398.4	0.02512	96.28
128.5	0.1052	398.5	0.02542	96.3
129	0.1067	398.6	0.02579	96.33
129.5	0.1085	398.7	0.02621	96.36
130	0.1101	398.8	0.02662	96.38
130.5	0.1117	398.9	0.02699	96.41
131	0.1131	399	0.02733	96.44
131.5	0.1143	399.2	0.02761	96.46
132	0.1153	399.3	0.02786	96.49
132.5	0.1164	399.4	0.02812	96.52
133	0.1179	399.5	0.02849	96.55
133.5	0.1197	399.6	0.02893	96.58
134	0.1216	399.8	0.02939	96.61
134.5	0.1234	399.9	0.02982	96.64
135	0.1252	400	0.03026	96.67
135.5	0.1271	400.1	0.03072	96.7
136	0.129	400.3	0.03116	96.73
136.5	0.131	400.4	0.03165	96.76
137	0.1331	400.5	0.03216	96.79
137.5	0.1354	400.7	0.03271	96.82
138	0.1376	400.8	0.03325	96.86
138.5	0.14	400.9	0.03385	96.89
139	0.1427	401.1	0.03448	96.93
139.5	0.1456	401.2	0.03518	96.96
140	0.1484	401.4	0.03586	97
140.5	0.1515	401.5	0.03661	97.03
141	0.1548	401.7	0.03742	97.07
141.5	0.1585	401.8	0.0383	97.11
142	0.1619	402	0.03912	97.15
142.5	0.1652	402.2	0.03991	97.19
143	0.1687	402.3	0.04076	97.23
143.5	0.1726	402.5	0.04171	97.27

144	0.1762	402.7	0.04259	97.31
144.5	0.1797	402.9	0.04343	97.36
145	0.1833	403	0.04431	97.4
145.5	0.1875	403.2	0.04531	97.45
146	0.1913	403.4	0.04623	97.49
146.5	0.1951	403.6	0.04716	97.54
147	0.1991	403.8	0.04811	97.59
147.5	0.2033	404	0.04913	97.64
148	0.2072	404.2	0.05006	97.69
148.5	0.211	404.4	0.05099	97.74
149	0.2147	404.7	0.05187	97.79
149.5	0.2182	404.9	0.05272	97.84
150	0.2212	405.1	0.05345	97.9
150.5	0.2239	405.3	0.05412	97.95
151	0.2263	405.5	0.0547	98.01
151.5	0.2284	405.8	0.0552	98.06
152	0.23	406	0.05557	98.12
152.5	0.2311	406.2	0.05585	98.17
153	0.2321	406.5	0.05609	98.23
153.5	0.2328	406.7	0.05626	98.28
154	0.2329	406.9	0.05627	98.34
154.5	0.2328	407.2	0.05625	98.4
155	0.2325	407.4	0.0562	98.45
155.5	0.2323	407.6	0.05615	98.51
156	0.2317	407.9	0.056	98.57
156.5	0.231	408.1	0.05584	98.62
157	0.2306	408.3	0.05572	98.68
157.5	0.2304	408.6	0.05568	98.73
158	0.23	408.8	0.05559	98.79
158.5	0.2295	409	0.05545	98.84
159	0.2287	409.2	0.05527	98.9
159.5	0.2281	409.5	0.05513	98.95
160	0.2275	409.7	0.05497	99.01
160.5	0.2267	409.9	0.05479	99.06
161	0.2261	410.1	0.05463	99.12
161.5	0.2255	410.4	0.0545	99.17
162	0.2252	410.6	0.05443	99.23
162.5	0.225	410.8	0.05438	99.28
163	0.2248	411.1	0.05434	99.34
163.5	0.2247	411.3	0.05429	99.39
164	0.2239	411.5	0.05411	99.44
164.5	0.2228	411.7	0.05384	99.5
165	0.2215	411.9	0.05354	99.55
165.5	0.2196	412.2	0.05307	99.6
166	0.2165	412.4	0.05232	99.66
166.5	0.2124	412.6	0.05133	99.71
167	0.2074	412.8	0.05012	99.76
167.5	0.2012	413	0.04861	99.81
168	0.1941	413.2	0.04691	99.85

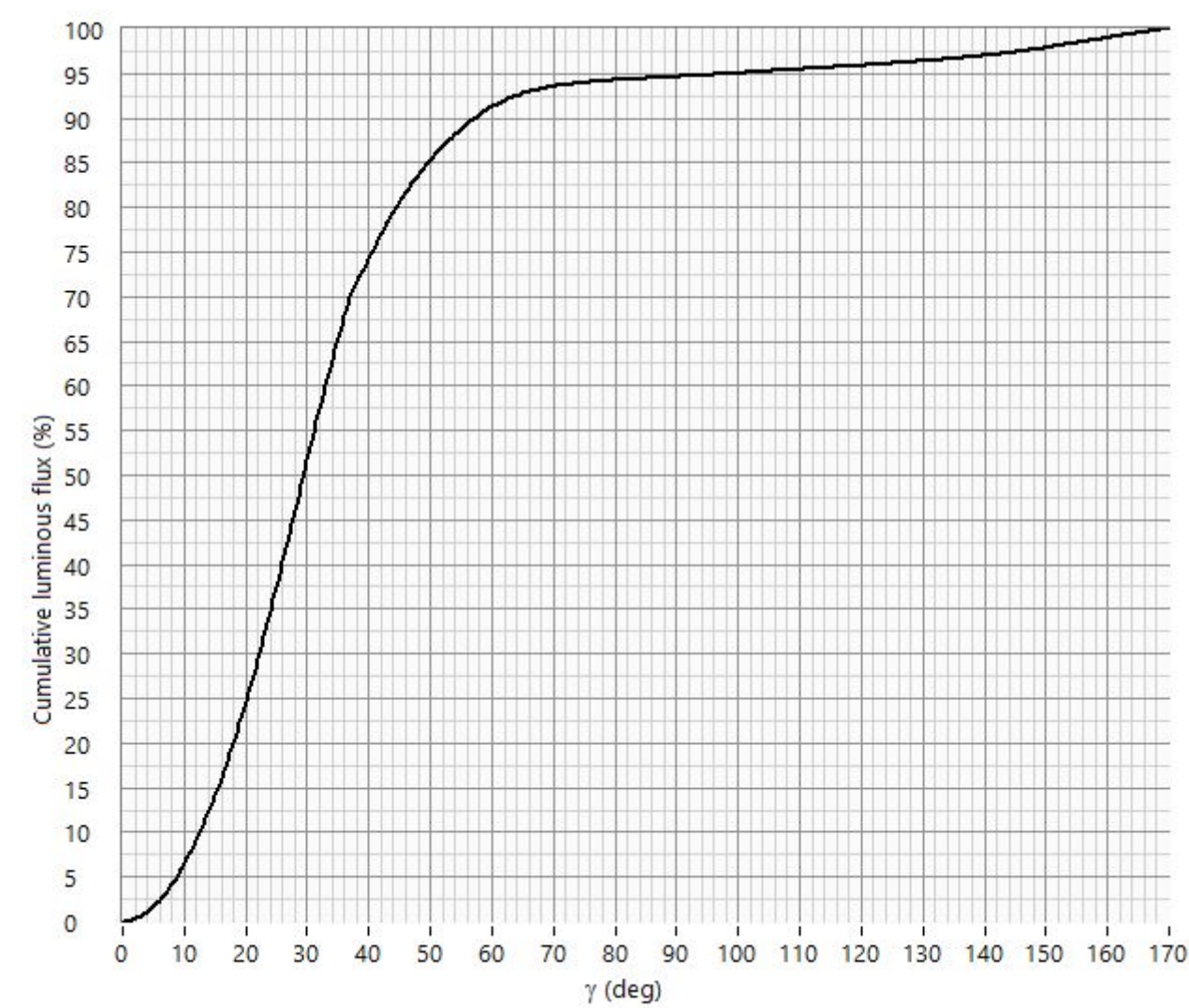
Report time: 2.5.2025 14.04  
Report No.: DECO50-250022

Manufacturer: Secto Design

Item No.: Victo 4250

168.5	0.1858	413.4	0.04491	99.9
169	0.175	413.6	0.0423	99.94
169.5	0.1638	413.7	0.03958	99.98
170	0.07842	413.8	0.01895	100

Figure. Cumulative luminous flux



Söllner diagram (EN 12464) - Luminance

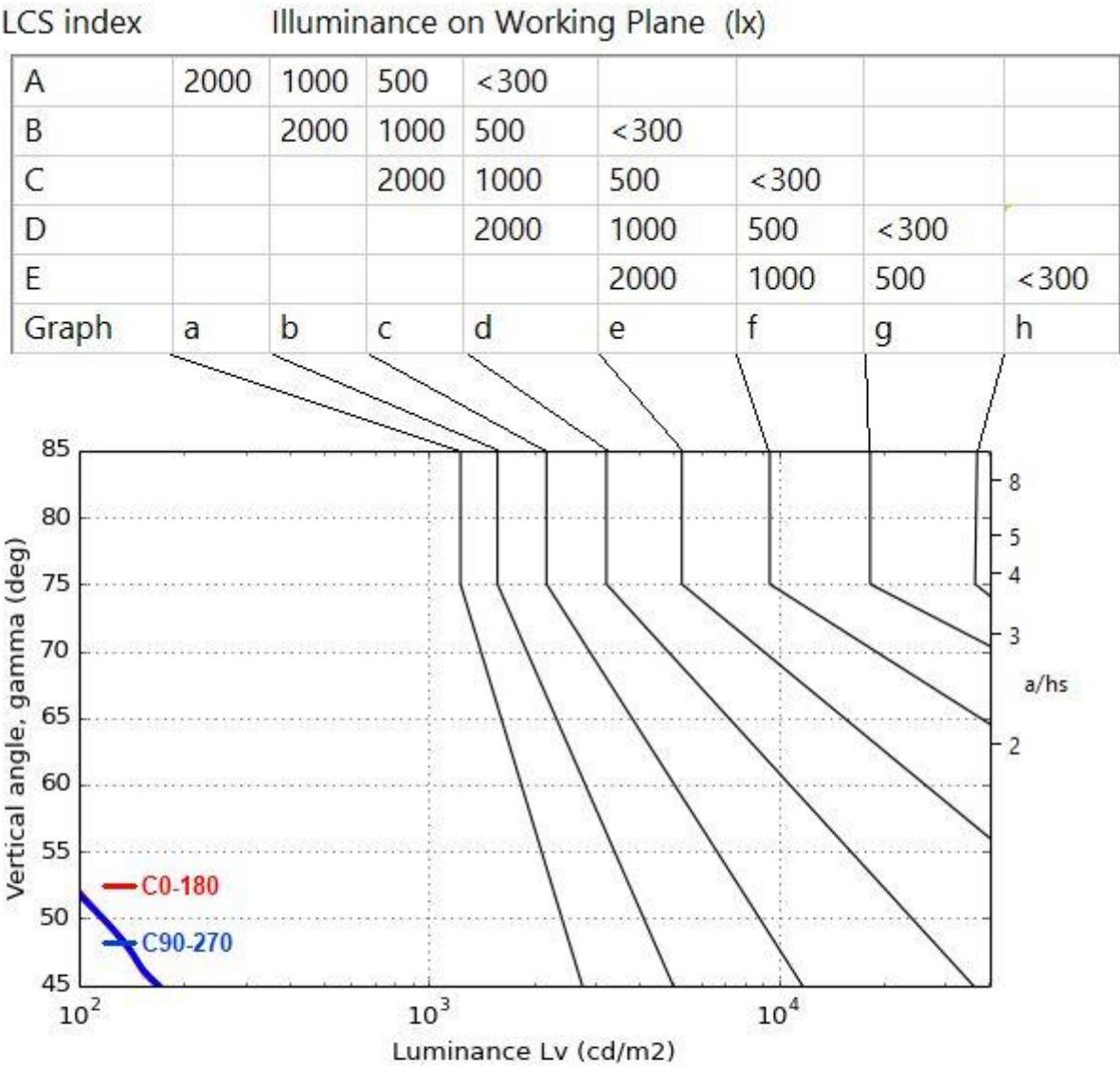


Table. Luminance [Lv] = cd/m2

	C 0	C 45	C 90
$\gamma$ 0	1100	1100	1100
$\gamma$ 45	168	176	169
$\gamma$ 55	81	82	80
$\gamma$ 65	29	30	30
$\gamma$ 75	8	9	9
$\gamma$ 85	5	6	6



[illegible]

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

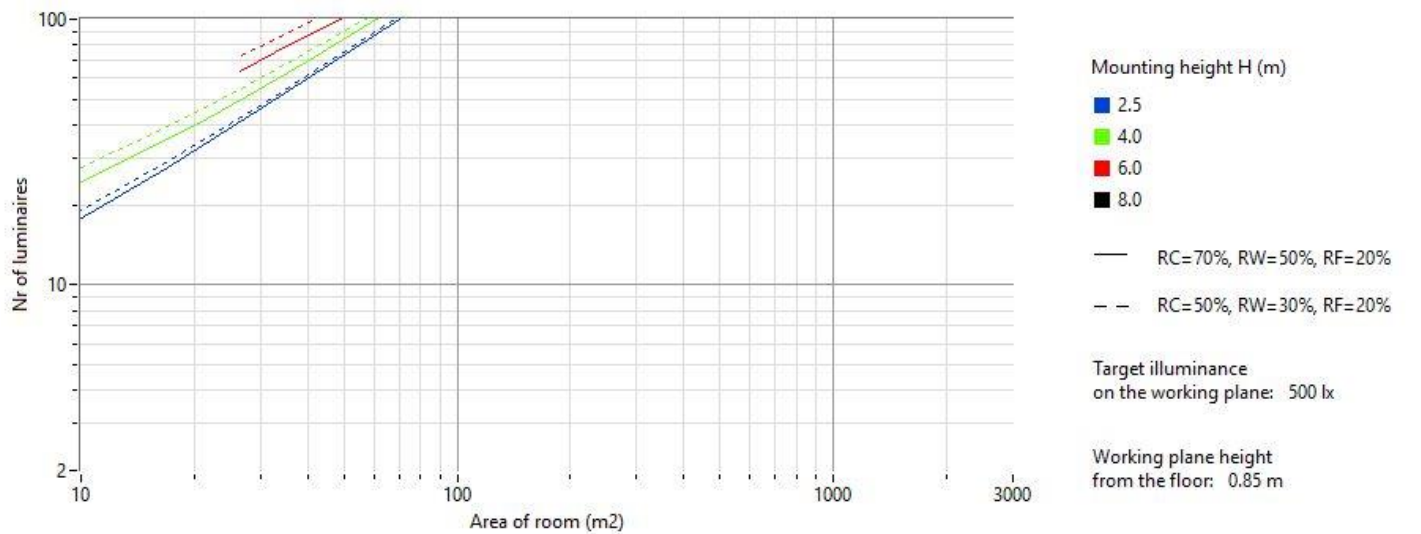


Table. Coefficient of Utilization (CU).

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97
1	91	88	86	84	91	89	87	86	91	90	88	93	92	90	95	94	92
2	88	84	80	77	89	84	81	78	86	82	80	87	84	81	87	85	83
3	85	79	74	71	85	79	75	71	80	76	73	80	77	74	81	78	75
4	82	74	69	65	81	74	69	65	74	70	66	74	70	67	75	71	68
5	78	70	64	59	77	69	64	60	69	64	60	69	65	61	69	65	61
6	74	65	59	55	73	65	59	55	65	59	55	64	59	56	64	60	56
7	70	61	55	50	70	61	55	51	60	55	51	60	55	51	60	55	51
8	67	57	51	47	66	57	51	47	56	51	47	56	51	47	56	51	47
9	64	53	47	43	63	53	47	43	53	47	43	52	47	44	52	47	44
10	60	50	44	40	60	50	44	40	50	44	40	49	44	40	49	44	40

Table. Wall Exitance Coefficients (WEC).

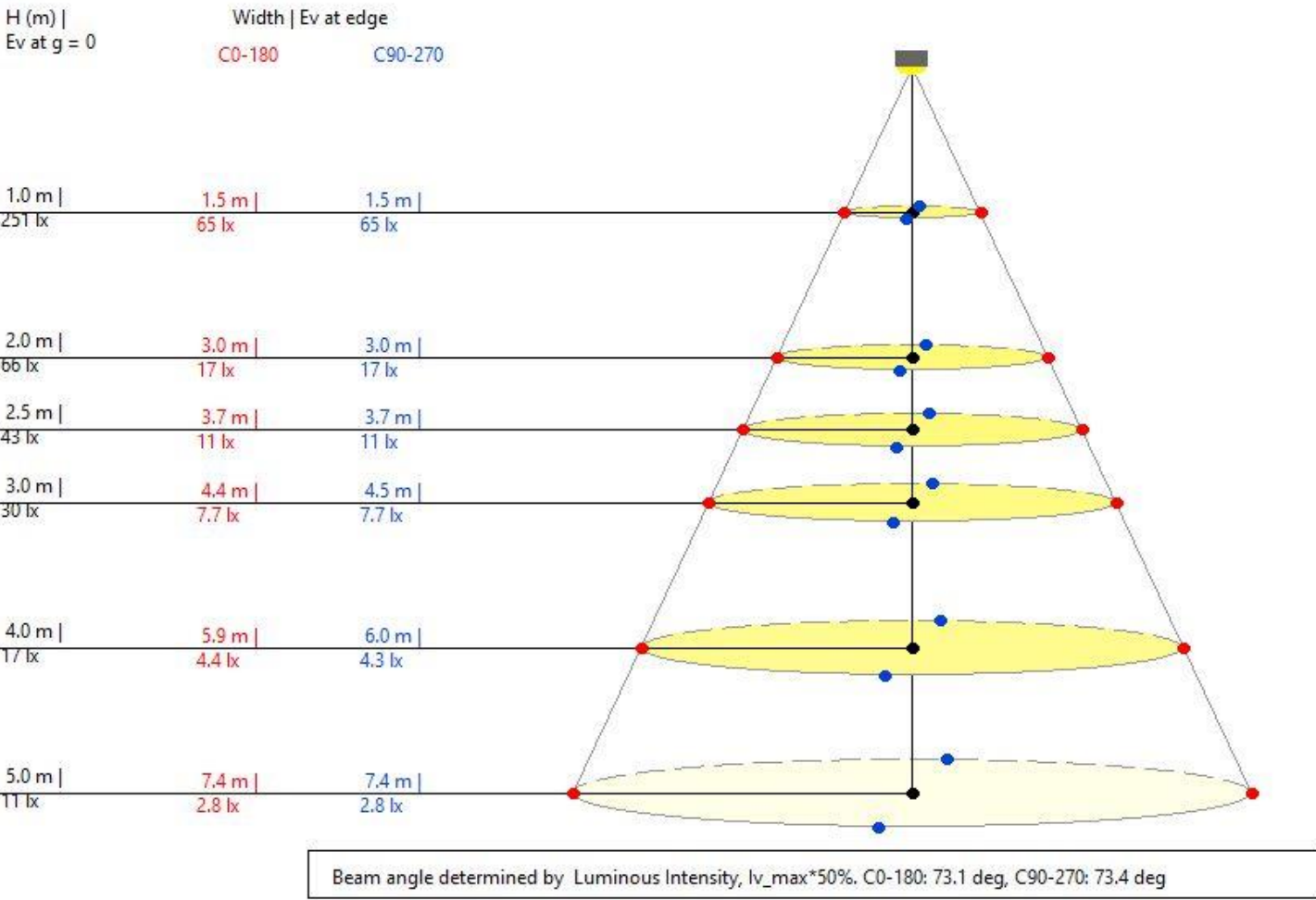
RC	80				70				50			30			10		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RF / RCR	20				20				20			20			20		
1	32.8	22.2	12.7	4.0	31.5	21.4	12.3	3.9	19.8	11.4	3.6	18.1	10.5	3.4	16.4	9.5	3.1
2	32.9	21.5	11.9	3.7	31.7	20.8	11.5	3.6	19.3	10.8	3.4	17.8	10.0	3.1	16.3	9.2	2.9
3	32.6	20.6	11.1	3.4	31.3	19.9	10.8	3.3	18.6	10.1	3.1	17.2	9.5	2.9	15.8	8.8	2.7
4	32.0	19.7	10.4	3.1	30.8	19.1	10.1	3.0	17.8	9.5	2.9	16.5	8.9	2.7	15.2	8.3	2.5
5	31.3	18.8	9.8	2.9	30.1	18.2	9.5	2.8	17.1	9.0	2.7	15.9	8.4	2.5	14.6	7.8	2.4
6	30.6	18.0	9.2	2.7	29.4	17.4	9.0	2.6	16.3	8.5	2.5	15.2	8.0	2.4	14.1	7.4	2.2
7	29.8	17.2	8.8	2.6	28.6	16.7	8.5	2.5	15.7	8.1	2.4	14.6	7.6	2.2	13.5	7.0	2.1
8	29.0	16.5	8.4	2.4	27.9	16.0	8.1	2.4	15.0	7.7	2.2	14.0	7.2	2.1	13.0	6.7	2.0
9	28.2	15.9	8.0	2.3	27.1	15.4	7.8	2.3	14.4	7.3	2.1	13.5	6.9	2.0	12.4	6.4	1.8
10	27.4	15.3	7.7	2.2	26.4	14.8	7.5	2.2	13.9	7.0	2.0	12.9	6.5	1.9	12.0	6.1	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	68.2	63.3	58.9	54.9	31.3	28.8	26.5	24.4	12.3	11.2	10.3	6.3	5.8	5.3	1.9	1.8	1.7
2	66.5	57.6	50.2	44.1	30.9	26.3	22.4	19.1	11.3	9.5	7.9	5.8	4.9	4.1	1.8	1.6	1.3
3	64.4	52.3	43.0	35.6	30.4	24.0	19.0	14.9	10.5	8.1	6.2	5.4	4.3	3.3	1.7	1.4	1.1
4	62.0	47.5	36.8	28.7	29.6	21.9	16.1	11.7	9.7	7.0	4.8	5.1	3.7	2.6	1.6	1.2	0.9
5	59.4	43.0	31.5	23.1	28.7	19.9	13.7	9.0	9.1	6.0	3.7	4.8	3.3	2.1	1.5	1.1	0.7
6	56.6	38.8	26.9	18.3	27.7	18.2	11.6	6.9	8.4	5.3	2.9	4.6	3.0	1.7	1.5	1.0	0.6
7	53.8	35.0	22.9	14.3	26.6	16.5	9.8	5.1	7.9	4.6	2.2	4.3	2.7	1.4	1.4	0.9	0.5
8	51.0	31.5	19.3	10.9	25.5	15.0	8.2	3.5	7.3	4.0	1.6	4.1	2.4	1.2	1.3	0.8	0.5
9	48.2	28.3	16.2	8.0	24.4	13.6	6.9	2.2	6.8	3.5	1.2	3.9	2.2	0.9	1.3	0.8	0.4
10	45.5	25.4	13.4	5.5	23.3	12.3	5.6	1.1	6.4	3.0	0.8	3.7	2.0	0.8	1.2	0.7	0.3

CONE DIAGRAM

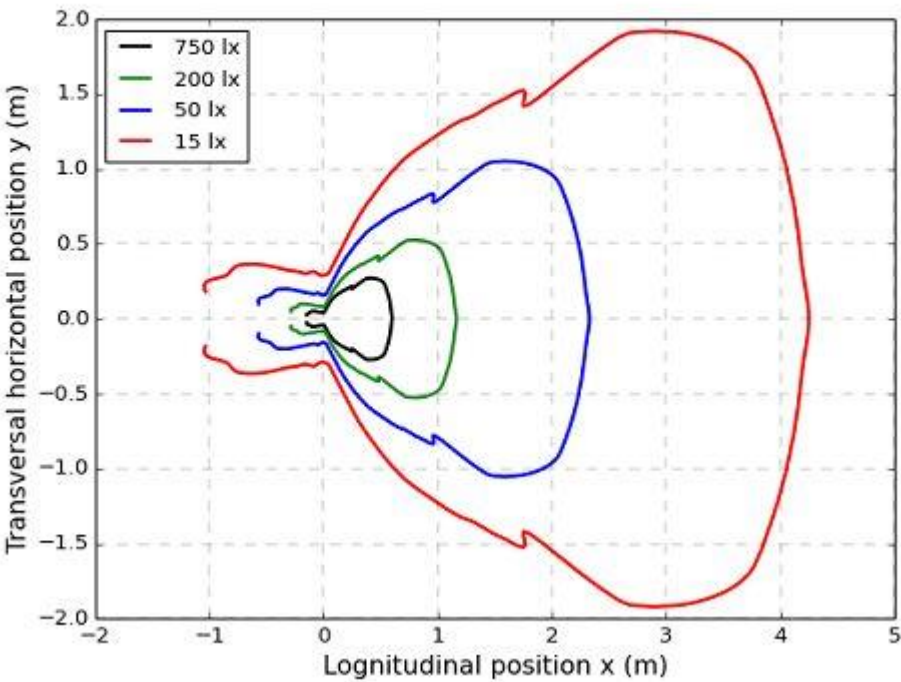
- Cone is limited by the beam angle at the planes of C0 and C90
- H = Mounting Height
- D = Cone diameter
- Ev Edge = Illuminance at the edge of the cone of the C0/90 plane
- Ev Center = Illuminance at the center of the cone



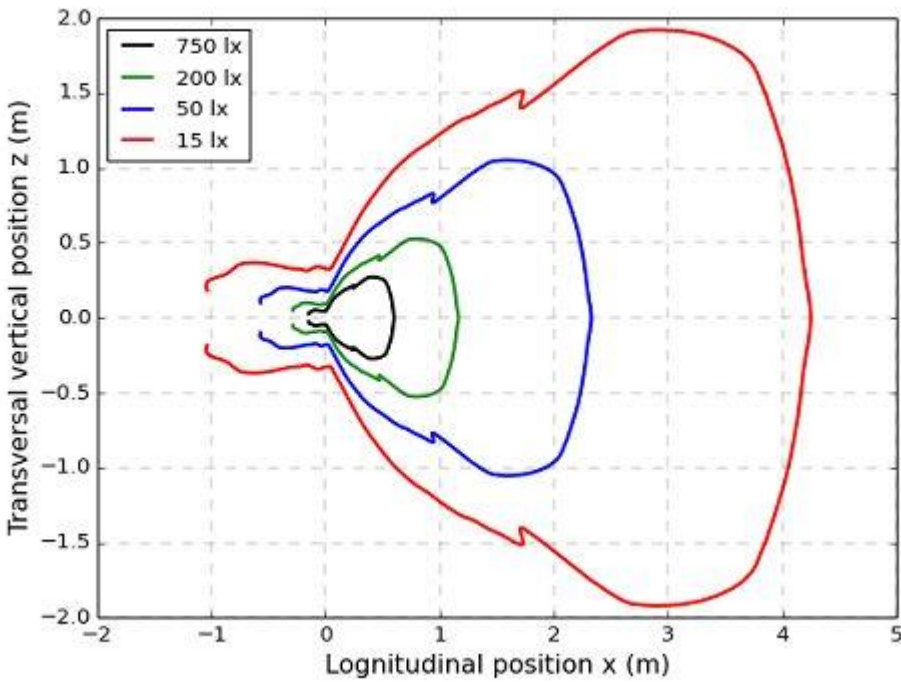


LOGNITUDINAL ISOLUX CURVES

Horizontal



Vertical



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

Mounting height of 2.50 m.

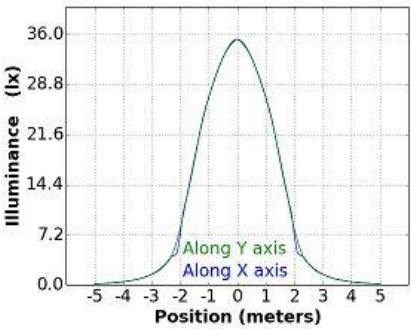
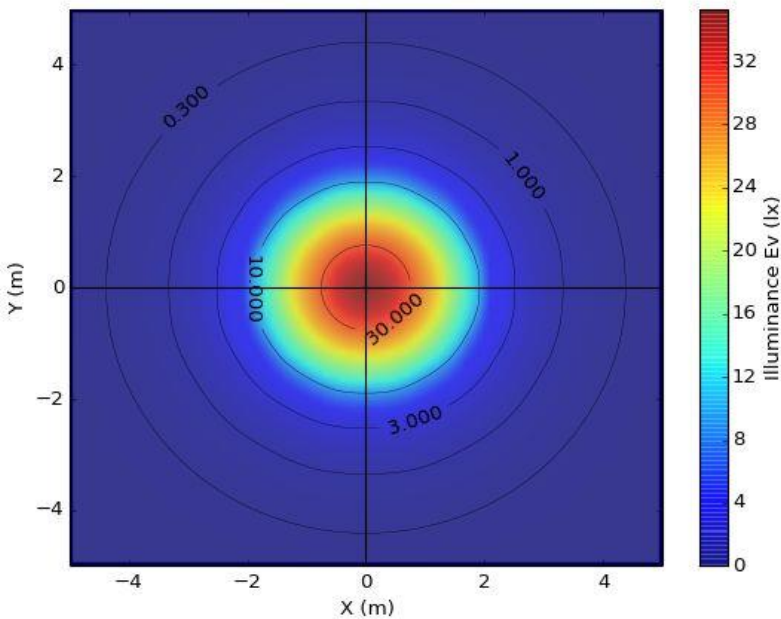
Lamp center position  $x = 0.0$  m,  $y = 0.0$  m.

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.

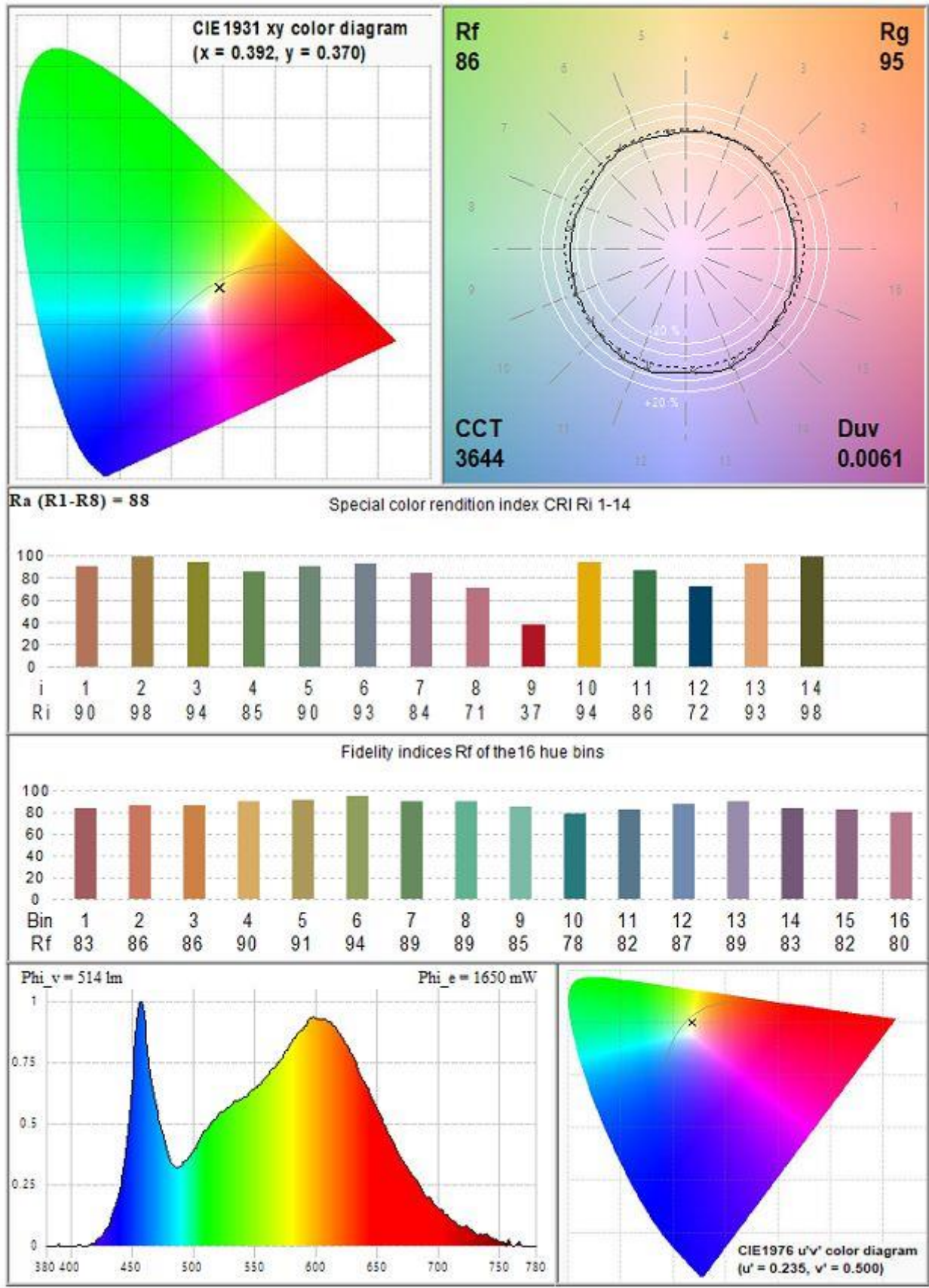
Distance between lamps: X = 0.00 meters, Y = 0.00 meters.



**Average Ev:** 3.36 lx  
**Uniformity:** 0.702 %  
**Max Ev:** 35.3 lx  
**Min Ev:** 0.0236 lx

**Power Consumption:** 8 W

# GonioSpectroRadiometric Test Report



CIE 1976  $u'v'$  color diagram  
( $u' = 0.235$ ,  $v' = 0.500$ )