
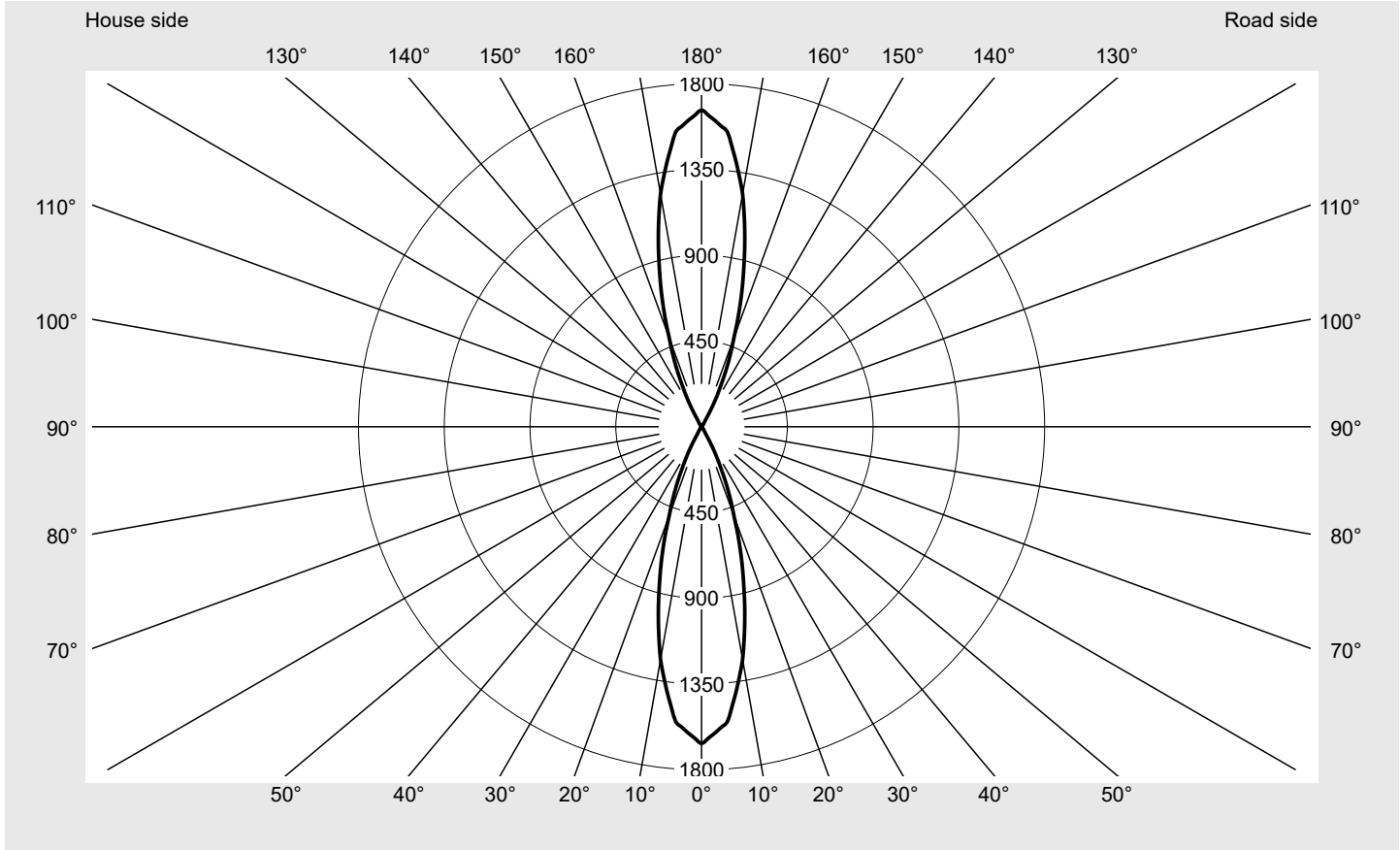


# Photometric test report

<b>Family</b> <b>CL wall   round</b>	<b>Order number: 5CL513623</b> <b>EAN: 4058352521540</b>	<b>LP number</b> <b>59230_3</b>
	<b>Version</b> direct-/ indirect distribution <b>Optic</b> Reflektor aus eloxiertem Aluminium <b>Cover</b> cover glass, transparent <b>Lamps</b> LED 3000 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 600 lm Power consumption = 5.4 W Luminous efficacy = 111.1 lm/W	<b>serial documentation</b> <b>10.12.2021</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 1662 cd/klm**



**Luminaire output ratios**

Eta	100.0%
Eta 0° - 90°	50.0%
Eta 90° - 180°	50.0%

**Luminous intensity class acc. to EN13201-2**

Class:	---
Imax 70°	0.9
Imax 80°	0.5
Imax 90°	0.0
Imax >90°	1662.3
Imax >95°	1662.3

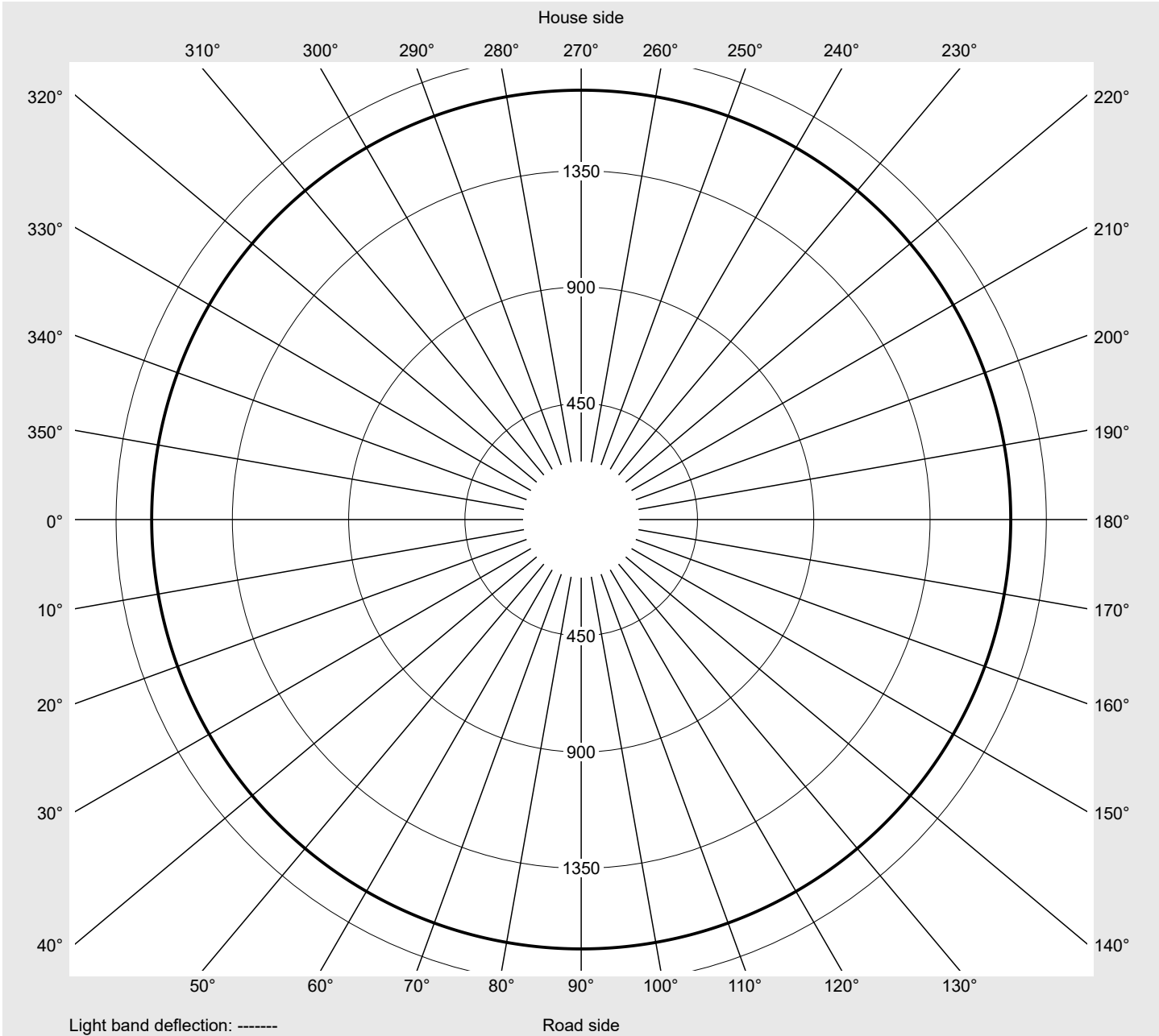
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

<b>Family</b> <b>CL wall   round</b>	<b>Order number: 5CL513623</b> <b>EAN: 4058352521540</b>	<b>LP number</b> <b>59230_3</b>
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**Envelope curve in cd/klm** **KMK 0°** **siteco**



## Photometric test report

Family CL wall   round	Order number: 5CL513623 EAN: 4058352521540	LP number 59230_3
Table of values for luminous intensities		Maximum luminous intensity
		<b>sITeco</b>

C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm Luminous flux in lm/klm		
0°	1662.3	0.4	0.4
1°	1640.5	3.1	3.5
2°	1618.8	6.2	9.7
3°	1597.0	9.2	18.9
4°	1575.2	12.0	30.9
5°	1553.5	14.8	45.8
6°	1490.7	17.1	62.9
7°	1427.9	19.1	82.0
8°	1365.1	20.8	102.8
9°	1302.3	22.3	125.1
10°	1239.6	23.6	148.7
11°	1162.4	24.3	173.1
12°	1085.3	24.7	197.8
13°	1008.1	24.9	222.7
14°	930.9	24.7	247.4
15°	853.8	24.2	271.6
16°	782.2	23.6	295.3
17°	710.7	22.8	318.0
18°	639.1	21.7	339.7
19°	567.6	20.3	360.0
20°	496.1	18.6	378.6
21°	444.9	17.5	396.1
22°	393.7	16.2	412.2
23°	342.5	14.7	426.9
24°	291.3	13.0	439.9
25°	240.1	11.1	451.0
26°	200.8	9.7	460.7
27°	161.4	8.0	468.7
28°	122.1	6.3	475.0
29°	82.8	4.4	479.4
30°	43.4	2.4	481.8
31°	36.9	2.1	483.9
32°	30.4	1.8	485.6
33°	23.9	1.4	487.1
34°	17.3	1.1	488.1
35°	10.8	0.7	488.8
36°	10.1	0.7	489.5
37°	9.4	0.6	490.1
38°	8.7	0.6	490.7
39°	8.0	0.5	491.2
40°	7.2	0.5	491.7
41°	6.8	0.5	492.2
42°	6.3	0.5	492.7
43°	5.9	0.4	493.1
44°	5.4	0.4	493.5
45°	5.0	0.4	493.9
46°	4.7	0.4	494.3

C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm Luminous flux in lm/klm		
47°	4.4	0.4	494.6
48°	4.1	0.3	495.0
49°	3.8	0.3	495.3
50°	3.5	0.3	495.6
51°	3.3	0.3	495.9
52°	3.1	0.3	496.1
53°	2.9	0.3	496.4
54°	2.7	0.2	496.6
55°	2.5	0.2	496.9
56°	2.4	0.2	497.1
57°	2.2	0.2	497.3
58°	2.1	0.2	497.5
59°	1.9	0.2	497.7
60°	1.8	0.2	497.8
61°	1.7	0.2	498.0
62°	1.6	0.2	498.1
63°	1.5	0.1	498.3
64°	1.4	0.1	498.4
65°	1.3	0.1	498.5
66°	1.2	0.1	498.7
67°	1.1	0.1	498.8
68°	1.0	0.1	498.9
69°	1.0	0.1	499.0
70°	0.9	0.1	499.1
71°	0.8	0.1	499.2
72°	0.8	0.1	499.2
73°	0.7	0.1	499.3
74°	0.7	0.1	499.4
75°	0.6	0.1	499.5
76°	0.6	0.1	499.5
77°	0.6	0.1	499.6
78°	0.5	0.1	499.6
79°	0.5	0.1	499.7
80°	0.5	0.0	499.7
81°	0.4	0.0	499.8
82°	0.4	0.0	499.8
83°	0.4	0.0	499.9
84°	0.3	0.0	499.9
85°	0.3	0.0	499.9
86°	0.2	0.0	500.0
87°	0.2	0.0	500.0
88°	0.1	0.0	500.0
89°	0.1	0.0	500.0
90°	0.0	0.0	500.0
91°	0.1	0.0	500.0
92°	0.1	0.0	500.0

## Photometric test report

Family CL wall   round	Order number: 5CL513623 EAN: 4058352521540	LP number 59230_3
Table of values for luminous intensities		Maximum luminous intensity
		<b>siteco</b>

C-planes $\gamma$	0°	Phi-zone	Total Phi-zone
Luminous intensity in cd/klm	Luminous flux in lm/klm		
93°	0.2	0.0	500.0
94°	0.2	0.0	500.1
95°	0.3	0.0	500.1
96°	0.3	0.0	500.1
97°	0.4	0.0	500.2
98°	0.4	0.0	500.2
99°	0.4	0.0	500.3
100°	0.5	0.0	500.3
101°	0.5	0.1	500.4
102°	0.5	0.1	500.4
103°	0.6	0.1	500.5
104°	0.6	0.1	500.5
105°	0.6	0.1	500.6
106°	0.7	0.1	500.7
107°	0.7	0.1	500.8
108°	0.8	0.1	500.8
109°	0.8	0.1	500.9
110°	0.9	0.1	501.0
111°	1.0	0.1	501.1
112°	1.0	0.1	501.2
113°	1.1	0.1	501.3
114°	1.2	0.1	501.5
115°	1.3	0.1	501.6
116°	1.4	0.1	501.7
117°	1.5	0.1	501.9
118°	1.6	0.2	502.0
119°	1.7	0.2	502.2
120°	1.8	0.2	502.3
121°	1.9	0.2	502.5
122°	2.1	0.2	502.7
123°	2.2	0.2	502.9
124°	2.4	0.2	503.1
125°	2.5	0.2	503.4
126°	2.7	0.2	503.6
127°	2.9	0.3	503.9
128°	3.1	0.3	504.1
129°	3.3	0.3	504.4
130°	3.5	0.3	504.7
131°	3.8	0.3	505.0
132°	4.1	0.3	505.4
133°	4.4	0.4	505.7
134°	4.7	0.4	506.1
135°	5.0	0.4	506.5
136°	5.4	0.4	506.9
137°	5.9	0.4	507.3
138°	6.3	0.5	507.8
139°	6.8	0.5	508.3

C-planes $\gamma$	0°	Phi-zone	Total Phi-zone
Luminous intensity in cd/klm	Luminous flux in lm/klm		
140°	7.2	0.5	508.8
141°	8.0	0.5	509.3
142°	8.7	0.6	509.9
143°	9.4	0.6	510.5
144°	10.1	0.7	511.2
145°	10.8	0.7	511.9
146°	17.3	1.1	512.9
147°	23.9	1.4	514.4
148°	30.4	1.8	516.1
149°	36.9	2.1	518.2
150°	43.4	2.4	520.6
151°	82.8	4.4	525.0
152°	122.1	6.3	531.3
153°	161.4	8.0	539.3
154°	200.8	9.7	549.0
155°	240.1	11.1	560.1
156°	291.3	13.0	573.1
157°	342.5	14.7	587.8
158°	393.7	16.2	603.9
159°	444.9	17.5	621.4
160°	496.1	18.6	640.0
161°	567.6	20.3	660.3
162°	639.1	21.7	682.0
163°	710.7	22.8	704.7
164°	782.2	23.6	728.4
165°	853.8	24.2	752.6
166°	930.9	24.7	777.3
167°	1008.1	24.9	802.2
168°	1085.3	24.7	826.9
169°	1162.4	24.3	851.3
170°	1239.6	23.6	874.9
171°	1302.3	22.3	897.2
172°	1365.1	20.8	918.0
173°	1427.9	19.1	937.1
174°	1490.7	17.1	954.2
175°	1553.5	14.8	969.1
176°	1575.2	12.0	981.1
177°	1597.0	9.2	990.3
178°	1618.8	6.2	996.5
179°	1640.5	3.1	999.6
180°	1662.3	0.4	1000.0

## Photometric test report

Family CL wall   round	Order number: 5CL513623 EAN: 4058352521540	LP number 59230_3
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	600	5.4
95	242	252	570	5.2
90	230	250	541	5.0
85	218	248	511	4.7
80	205	246	479	4.5
75	193	244	449	4.2
70	181	242	420	4.0
65	168	239	391	3.7
60	155	236	361	3.5
55	141	232	329	3.2
50	128	229	300	2.9
45	115	225	270	2.7
40	102	221	240	2.4
38	96	218	227	2.3