

## Lichttechnischer Prüfbefund

**Familie**  
**CL Wand/Decke**

**Bestell-Nr.: 5CL761603**  
**EAN: 4058352521595**

**LP-Nummer**  
**59231\_4**



<b>Ausführung</b>	extrem breit strahlend
<b>Optik</b>	Reflektor
<b>Abdeckung</b>	Abdeckung, PC, satiniert
<b>Bestückung</b>	LED 3000 K   CRI ≥ 80
<b>Betriebsgerät</b>	EVG-DALI
<b>Bemessungswerte</b>	Nettolichtstrom = 1570 lm Systemleistung = 14.9 W Lichtausbeute = 105.4 lm/W

**Seriendokumentation**  
**10.12.2021**

**sitEco**

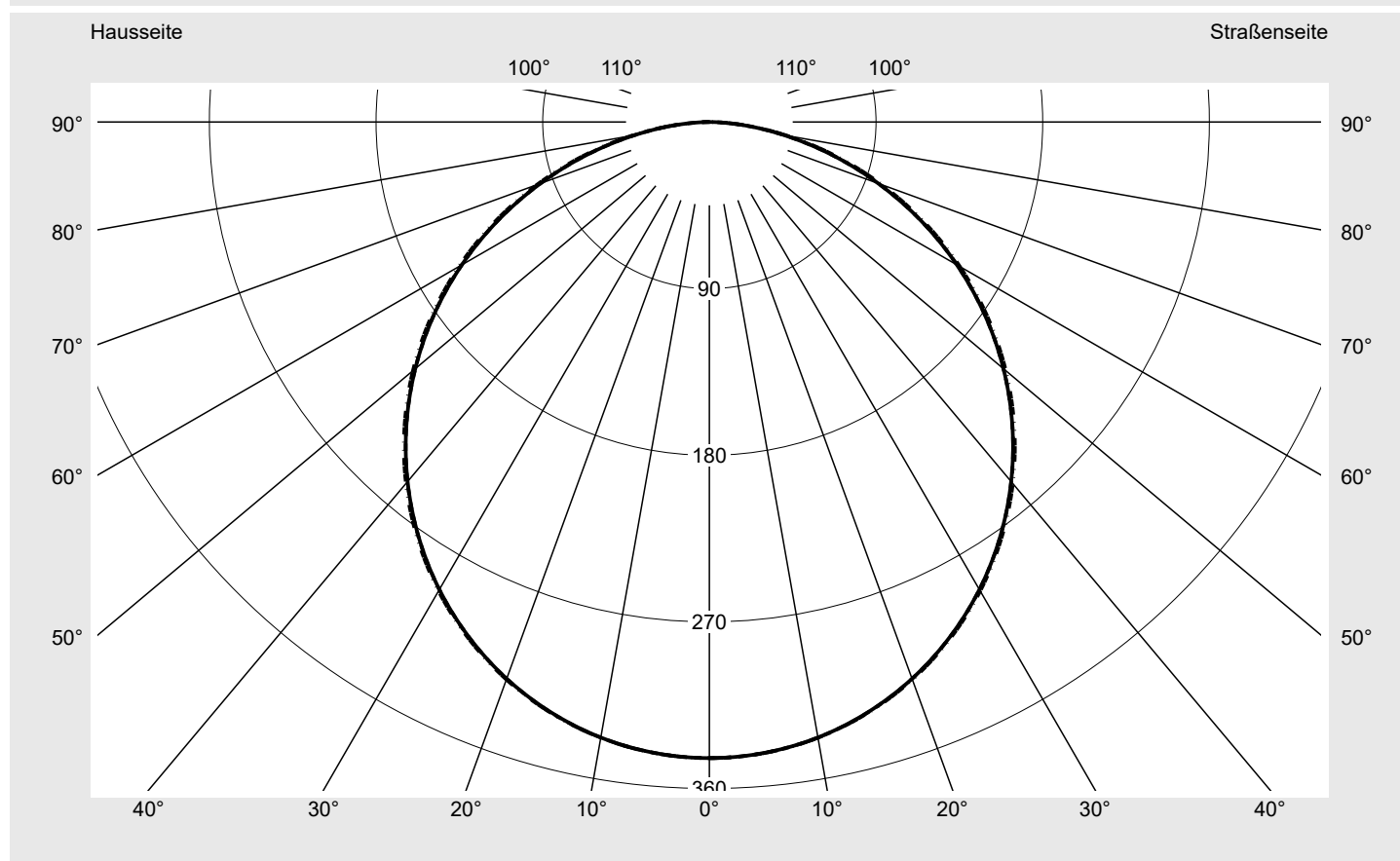
**Lichtstärke in cd/klm**

**C180-0**

**C195-15**

**C270-90**

**Imax: 344 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta	100.0%
Eta 0° - 90°	100.0%
Eta 90° - 180°	0.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G5
Imax 70°	99.0
Imax 80°	42.6
Imax 90°	0.5
Imax >90°	0.0
Imax >95°	0.0

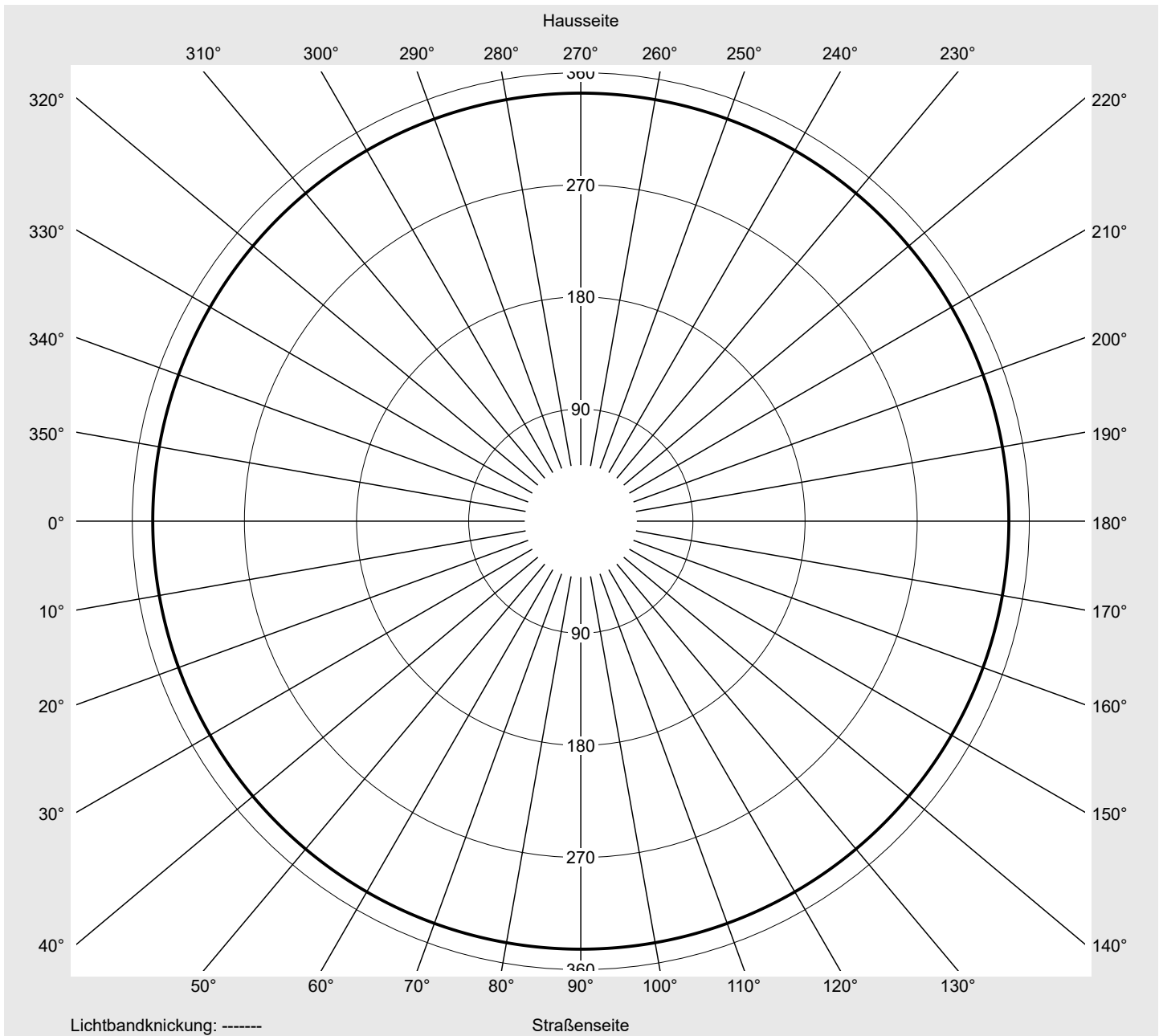
**Messbedingungen**

DIN EN 13032 und DIN 5032

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**Kegelmantelkurven in cd/klm** **KMK 0°** **sitEco**



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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
γ									
0°	343.6	343.6	343.6	343.6	343.6	343.6	343.6	2.1	2.1
5°	342.0	342.1	342.1	342.1	342.2	342.2	342.1	16.3	18.4
10°	337.6	337.6	337.7	337.7	337.8	337.8	337.7	32.1	50.5
15°	330.2	330.3	330.4	330.4	330.5	330.6	330.5	46.9	97.4
20°	320.0	320.1	320.2	320.3	320.4	320.5	320.5	60.0	157.5
25°	307.1	307.1	307.3	307.5	307.6	307.8	307.8	71.2	228.7
30°	291.6	291.7	291.9	292.1	292.3	292.5	292.5	80.1	308.7
35°	273.7	273.8	274.0	274.3	274.5	274.8	274.8	86.2	395.0
40°	253.5	253.6	253.9	254.2	254.5	254.8	254.9	89.6	484.5
45°	231.3	231.4	231.7	232.0	232.4	232.8	232.8	89.9	574.5
50°	207.3	207.3	207.6	208.0	208.5	208.8	209.0	87.4	661.8
55°	181.6	181.6	181.9	182.3	182.8	183.2	183.3	81.9	743.7
60°	154.3	154.4	154.7	155.1	155.6	156.0	156.2	73.7	817.4
65°	126.0	126.1	126.4	126.8	127.4	127.8	128.0	63.1	880.4
70°	97.1	97.2	97.5	97.9	98.5	98.9	99.0	50.5	930.9
75°	68.4	68.5	68.8	69.3	69.8	70.1	70.3	36.7	967.6
80°	41.1	41.2	41.6	42.0	42.2	42.5	42.6	22.6	990.2
85°	17.1	17.2	17.4	17.5	17.8	17.9	18.0	9.6	999.8
90°	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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## Dimmstufen-Tabelle

Umgebungstemperatur: 25°C



Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	1570	14.9
95	241	252	1494	14.1
90	227	250	1413	13.2
85	214	248	1337	12.4
80	201	245	1258	11.5
75	188	243	1177	10.7
70	175	240	1100	9.9
65	161	237	1023	9.1
60	148	234	943	8.4
55	135	231	860	7.6
50	123	227	786	7.0
45	110	223	707	6.3
40	97	219	627	5.6
35	84	213	548	4.9
30	72	208	474	4.3
25	59	201	391	3.6
20	47	192	313	3.0
15	36	182	238	2.4
12	28	173	183	1.9