

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 11 Recessed**

**Bestell-Nr.: 51TL1EDV4E5G**  
**EAN: 4058352925225**

**LP-Nummer**  
**59263\_184**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 14850 lm  
 Systemleistung = 84.1 W  
 Lichtausbeute = 176.6 lm/W

**Seriendokumentation**  
**14.09.2023**

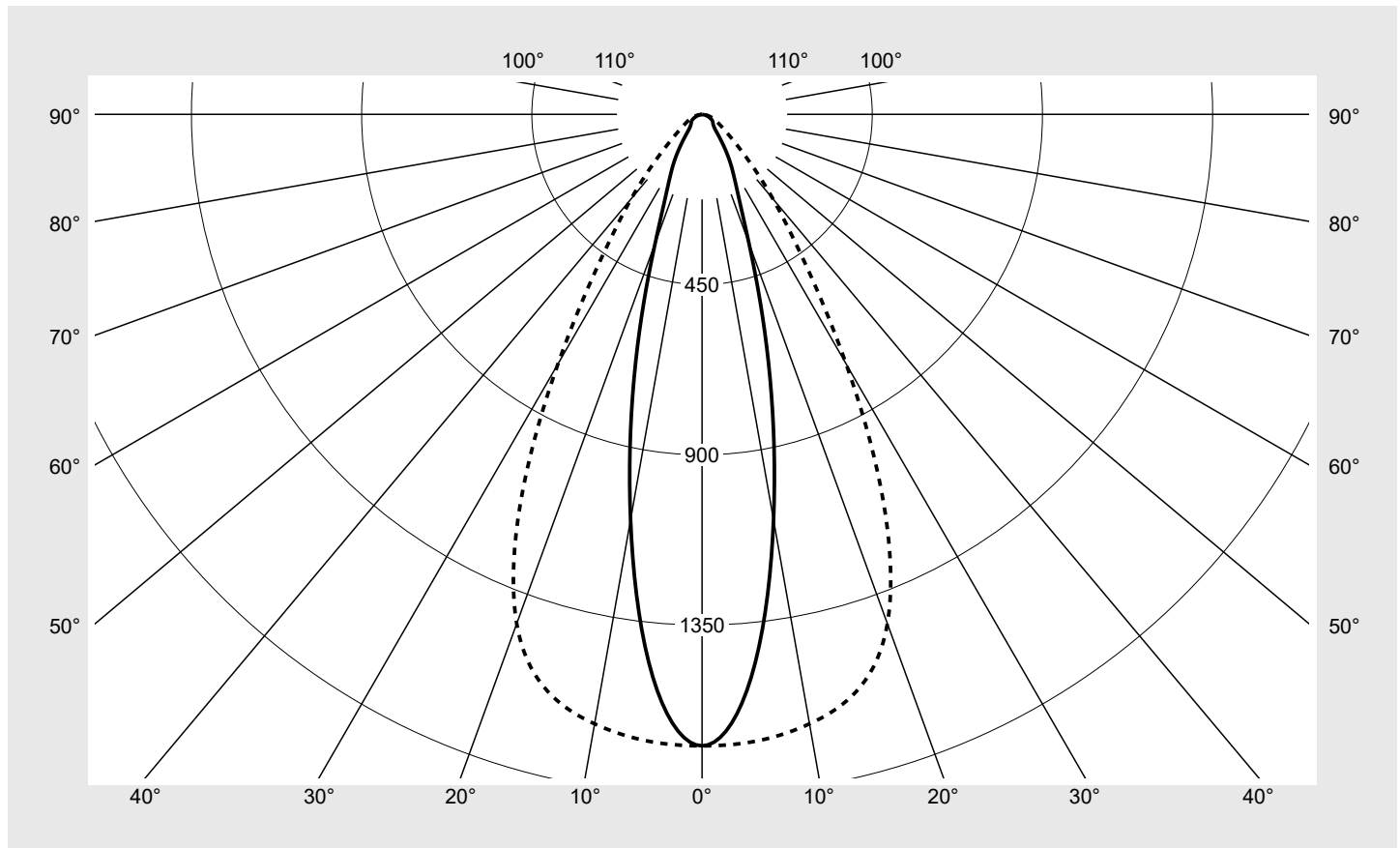
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 1670 cd/klm**



**Klassifizierungen**

DIN 5040 A 7 0  
 CIE N1=85 N2=95 N3=99  
 N4=100 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

**Messbedingungen**

DIN EN 13032 und DIN 5032

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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	
0°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	15,1	16,3	15,5	16,7	17,0	20,1	21,4	20,5	21,7	22,0
	3H	16,3	17,4	16,7	17,7	18,1	20,7	21,8	21,1	22,1	22,4
	4H	16,6	17,7	17,0	18,0	18,4	21,0	21,9	21,4	22,3	22,7
	6H	16,9	17,8	17,3	18,2	18,6	21,2	22,1	21,6	22,4	22,8
	8H	17,1	17,9	17,5	18,3	18,7	21,3	22,1	21,8	22,5	22,9
	12H	17,1	17,9	17,5	18,3	18,7	21,4	22,0	21,8	22,4	22,9
4H	2H	15,9	16,9	16,3	17,3	17,6	20,1	21,1	20,5	21,5	21,9
	3H	17,4	18,2	17,8	18,6	19,0	20,8	21,7	21,2	22,1	22,5
	4H	17,9	18,6	18,3	19,0	19,5	21,2	21,9	21,6	22,4	22,8
	6H	18,2	18,8	18,6	19,3	19,7	21,5	22,1	22,0	22,6	23,0
	8H	18,3	18,9	18,8	19,3	19,8	21,6	22,2	22,1	22,6	23,1
	12H	18,4	18,9	18,9	19,3	19,8	21,7	22,1	22,2	22,6	23,1
8H	4H	18,4	18,9	18,8	19,3	19,8	21,3	21,9	21,8	22,3	22,8
	6H	18,8	19,2	19,3	19,7	20,2	21,7	22,2	22,2	22,6	23,1
	8H	18,9	19,3	19,4	19,8	20,4	21,8	22,2	22,3	22,7	23,3
	12H	19,1	19,4	19,6	19,9	20,5	21,9	22,3	22,4	22,8	23,3
12H	4H	18,4	18,9	18,9	19,3	19,8	21,3	21,8	21,8	22,2	22,7
	6H	18,9	19,3	19,4	19,8	20,3	21,7	22,1	22,2	22,6	23,1
	8H	19,1	19,4	19,6	19,9	20,5	21,9	22,2	22,4	22,7	23,3

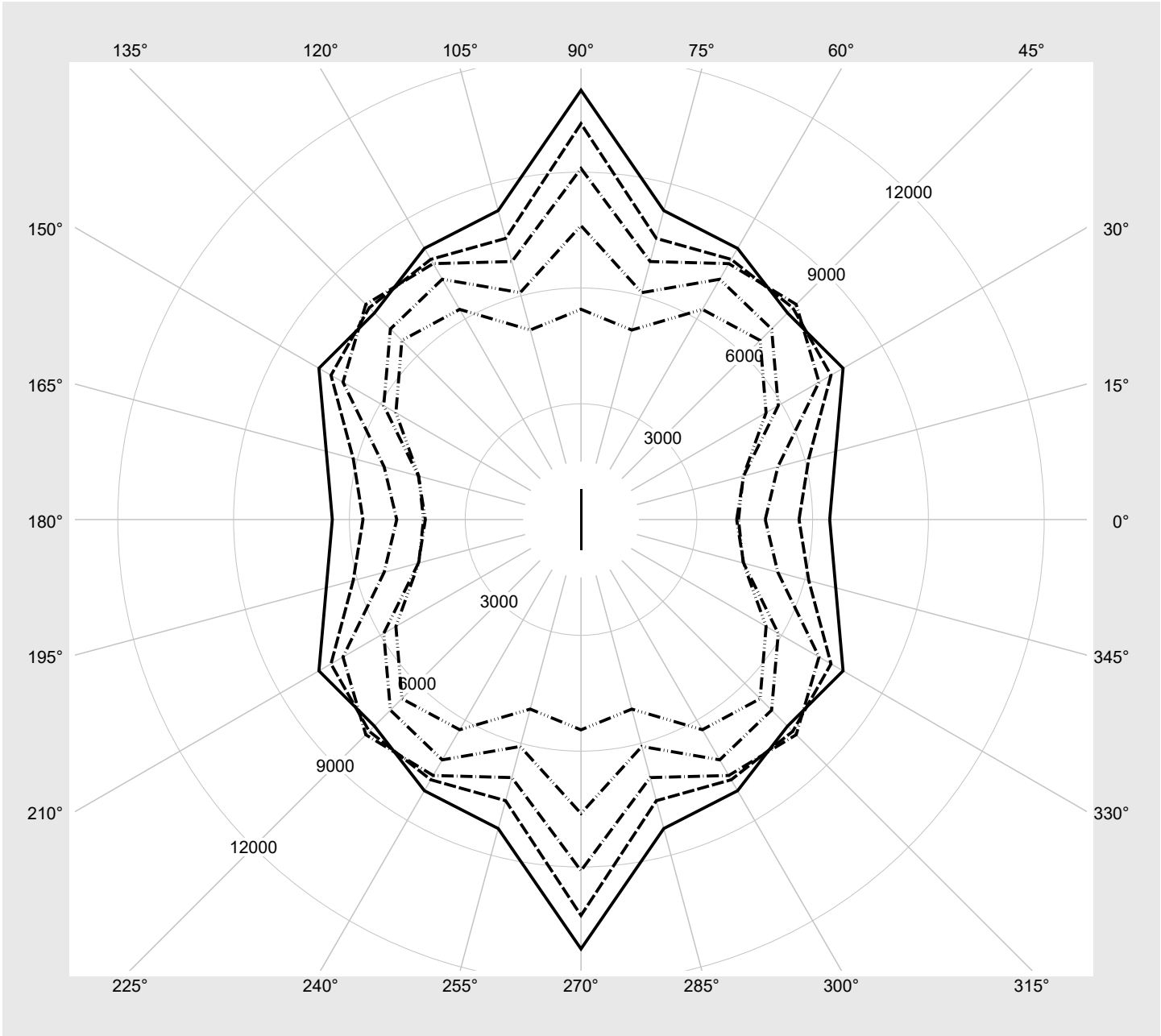
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 2250 B = 58
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C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		6998.6	7382.6	9358.3	13884.5	16017.8	23398.9	28474.6
50°		6681.0	6900.7	7576.4	10805.1	12093.1	15814.1	19320.4
55°		6856.8	6940.0	7285.0	8625.1	10022.2	11829.3	14625.3
60°		6863.1	7088.6	7468.2	7789.6	8783.2	9554.3	12174.0
65°		6442.8	6832.1	7840.0	7568.6	8112.7	8287.5	11124.1
70°		5648.4	6109.5	7479.0	7759.4	7784.1	7541.5	10256.7
75°		4773.4	5279.9	7119.9	7884.5	7656.7	6920.7	9096.2
80°		4032.8	4361.1	5901.7	6983.6	7188.7	6086.5	7614.7
85°		4080.1	4351.7	5537.2	6563.4	6287.9	5084.1	5448.4

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**Leuchtdichten in cd/m²**      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **siteco**



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<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	14850	84.1
95	240	252	14101	79.4
90	226	250	13339	74.7
85	213	248	12628	70.4
80	199	245	11857	65.7
75	186	243	11130	61.4
70	173	240	10401	57.0
65	160	237	9664	52.7
60	147	234	8920	48.5
55	134	231	8164	44.2
50	121	227	7404	40.0
45	109	223	6698	36.2
40	96	218	5922	32.1
35	84	213	5204	28.2
30	72	208	4479	24.5
25	59	201	3682	20.4
20	47	192	2945	16.4
15	35	181	2200	12.3
10	24	168	1511	8.5
5	12	142	750	4.2
2	4	102	242	1.3