

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 51TL1ECN49XG**  
**EAN: 4058352929889**

**LP-Nummer**  
**59263\_248**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen CLOi  
**Bemessungswerte** Nettolichtstrom = 9000 lm  
 Systemleistung = 49.3 W  
 Lichtausbeute = 182.6 lm/W

**Seriendokumentation**  
**12.10.2023**

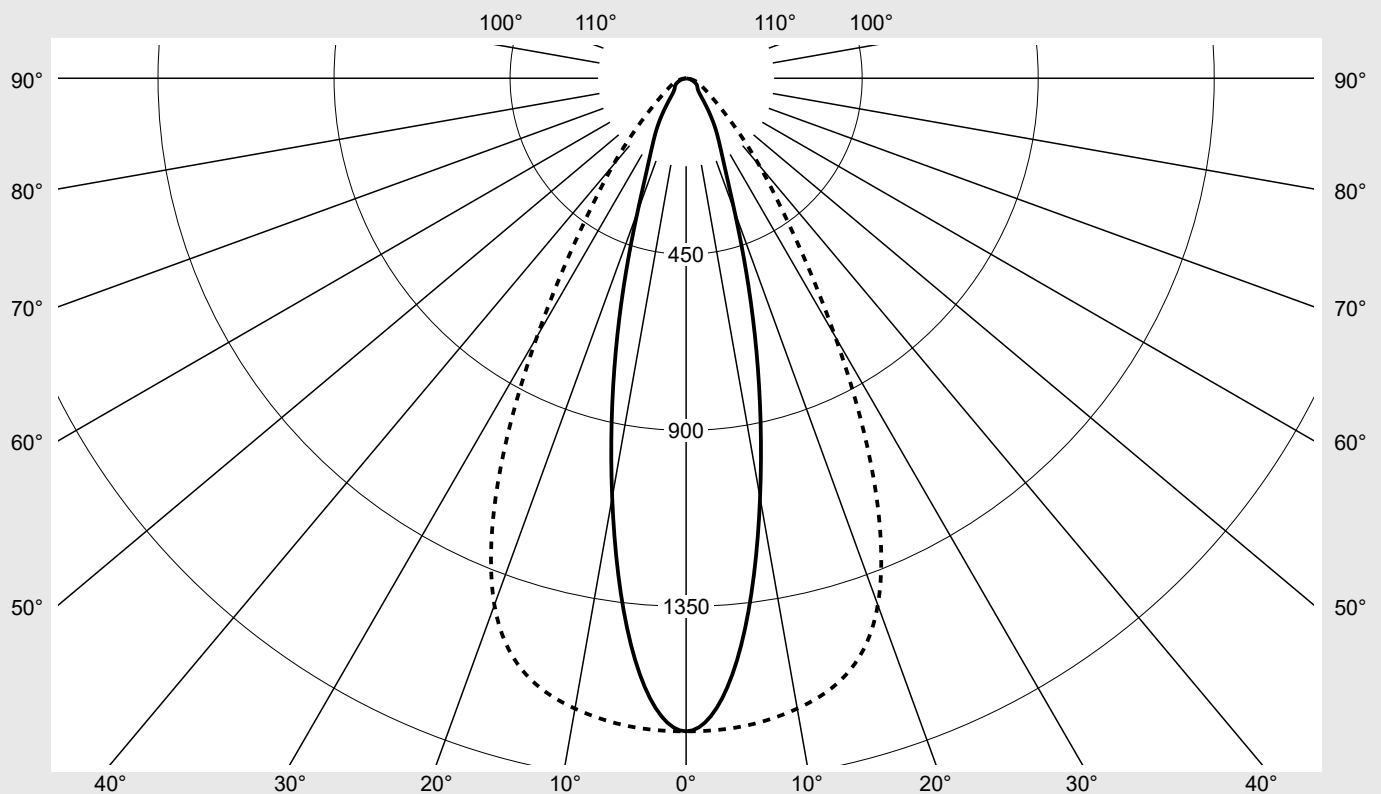
**siteco**

**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	14,8	16,0	15,1	16,3	16,6	19,8	21,0	20,1	21,3	21,7
	3H	16,0	17,0	16,3	17,4	17,7	20,4	21,4	20,8	21,8	22,1
	4H	16,3	17,4	16,7	17,7	18,1	20,6	21,6	21,0	22,0	22,3
	6H	16,5	17,5	16,9	17,9	18,3	20,9	21,7	21,3	22,1	22,5
	8H	16,7	17,5	17,2	17,9	18,3	21,0	21,8	21,4	22,1	22,5
	12H	16,8	17,5	17,2	17,9	18,4	21,0	21,7	21,5	22,1	22,5
4H	2H	15,6	16,6	16,0	16,9	17,3	19,8	20,8	20,2	21,2	21,5
	3H	17,0	17,9	17,5	18,2	18,7	20,5	21,3	20,9	21,7	22,1
	4H	17,5	18,3	18,0	18,7	19,1	20,9	21,6	21,3	22,0	22,5
	6H	17,8	18,5	18,3	18,9	19,4	21,2	21,8	21,6	22,2	22,7
	8H	17,9	18,5	18,4	19,0	19,5	21,3	21,8	21,8	22,3	22,8
	12H	18,0	18,5	18,5	19,0	19,5	21,4	21,8	21,8	22,3	22,8
8H	4H	18,0	18,6	18,5	19,0	19,5	21,0	21,5	21,4	22,0	22,5
	6H	18,5	18,9	19,0	19,4	19,9	21,4	21,8	21,9	22,3	22,8
	8H	18,6	19,0	19,1	19,5	20,0	21,5	21,9	22,0	22,4	22,9
	12H	18,7	19,1	19,3	19,6	20,1	21,6	21,9	22,1	22,4	23,0
12H	4H	18,1	18,5	18,6	19,0	19,5	20,9	21,5	21,4	21,9	22,4
	6H	18,6	18,9	19,1	19,4	20,0	21,4	21,8	21,9	22,3	22,8
	8H	18,8	19,1	19,3	19,6	20,2	21,5	21,9	22,0	22,4	22,9

<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1500 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°		6362.4	6711.4	8507.5	12622.3	14561.6	21271.7	25886.0
50°		6073.6	6273.3	6887.6	9822.8	10993.8	14376.5	17564.0
55°		6233.5	6309.1	6622.7	7841.0	9111.1	10753.9	13295.7
60°		6239.2	6444.2	6789.3	7081.4	7984.8	8685.7	11067.3
65°		5857.1	6211.0	7127.2	6880.5	7375.2	7534.1	10112.8
70°		5134.9	5554.1	6799.1	7054.0	7076.4	6855.9	9324.3
75°		4339.5	4799.9	6472.6	7167.7	6960.7	6291.6	8269.3
80°		3666.2	3964.6	5365.2	6348.7	6535.2	5533.2	6922.4
85°		3709.2	3956.1	5033.8	5966.7	5716.3	4621.9	4953.1

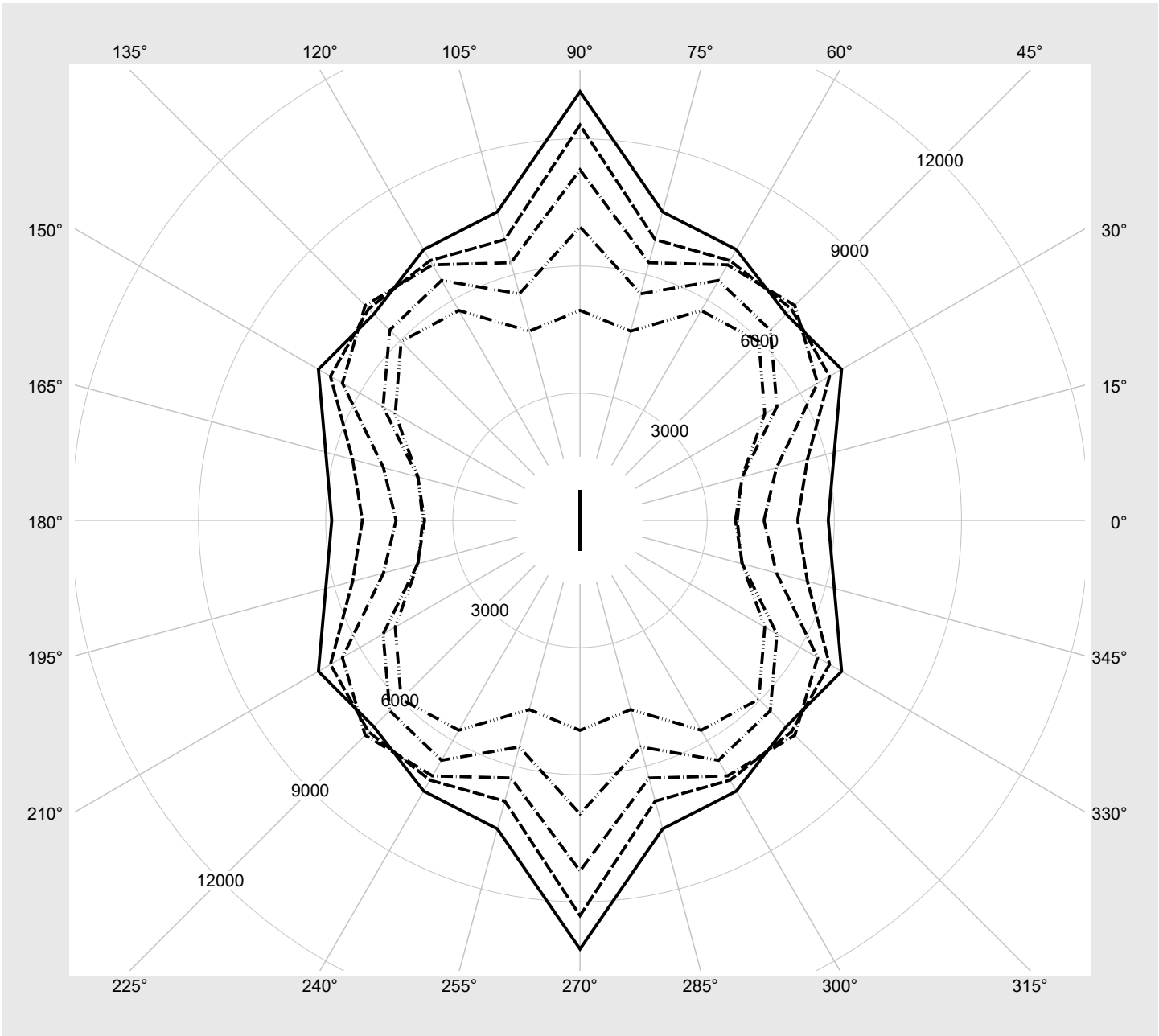
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**Leuchtdichten in cd/m<sup>2</sup>**

$\gamma$ 65°	$\gamma$ 70°	$\gamma$ 75°	$\gamma$ 80°	$\gamma$ 85°
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**siteco**



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<b>Multilumen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>siteco</b>
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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
	1	2	3				
1	A	C	E	9000	49.3	55.2	52.2
2	A	C	F	8478	46.2	51.6	48.9
3	A	D	E	7967	43.1	48.0	45.6
4	A	D	F	7434	40.0	44.5	42.2
5	B	C	E	6976	37.4	41.7	39.6
6	B	C	F	6444	34.3	38.3	36.3
7	B	D	E	5986	31.8	35.2	33.5
8	B	D	F	5517	29.2	32.2	30.7