

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 21 Recessed**

**Bestell-Nr.: 52TL1ECN4CXS**  
**EAN: 4058352891681**

**LP-Nummer**  
**59263\_122**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen CLOi  
**Bemessungswerte** Nettolichtstrom = 12350 lm  
 Systemleistung = 68.4 W  
 Lichtausbeute = 180.6 lm/W

**Seriendokumentation**  
17.08.2023

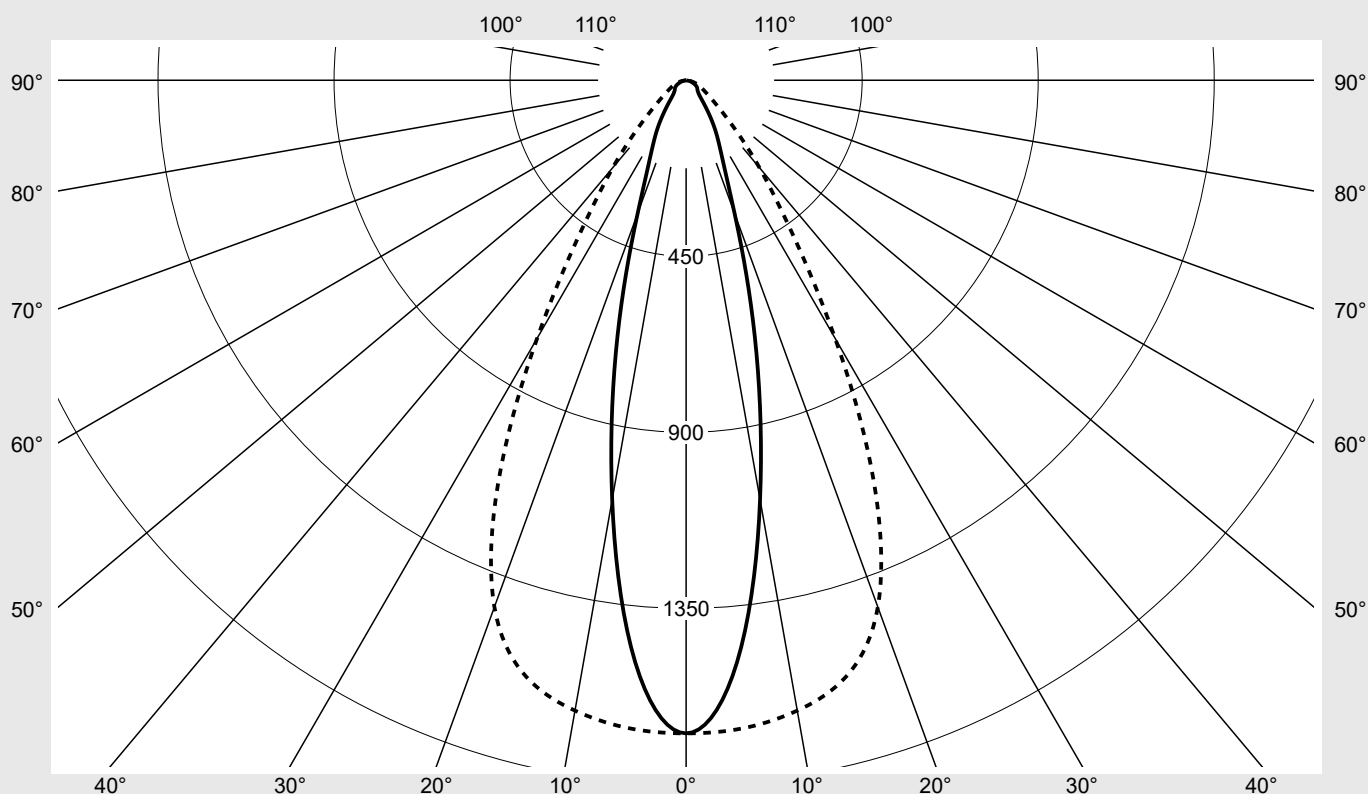
**siteco**

**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	15,9	17,1	16,2	17,4	17,7	20,9	22,1	21,2	22,4	22,8
	3H	17,1	18,1	17,4	18,5	18,8	21,5	22,5	21,9	22,9	23,2
	4H	17,4	18,5	17,8	18,8	19,2	21,7	22,7	22,1	23,1	23,4
	6H	17,6	18,6	18,0	19,0	19,4	22,0	22,8	22,4	23,2	23,6
	8H	17,8	18,6	18,3	19,0	19,4	22,1	22,9	22,5	23,2	23,6
	12H	17,9	18,6	18,3	19,0	19,5	22,1	22,8	22,6	23,2	23,6
4H	2H	16,7	17,7	17,1	18,0	18,4	20,9	21,9	21,3	22,3	22,6
	3H	18,1	19,0	18,6	19,3	19,8	21,6	22,4	22,0	22,8	23,2
	4H	18,6	19,4	19,1	19,8	20,2	22,0	22,7	22,4	23,1	23,6
	6H	18,9	19,6	19,4	20,0	20,5	22,3	22,9	22,7	23,3	23,8
	8H	19,0	19,6	19,5	20,1	20,6	22,4	22,9	22,9	23,4	23,9
	12H	19,1	19,6	19,6	20,1	20,6	22,5	22,9	22,9	23,4	23,9
8H	4H	19,1	19,7	19,6	20,1	20,6	22,1	22,6	22,5	23,1	23,6
	6H	19,6	20,0	20,1	20,5	21,0	22,5	22,9	23,0	23,4	23,9
	8H	19,7	20,1	20,2	20,6	21,1	22,6	23,0	23,1	23,5	24,0
	12H	19,8	20,2	20,4	20,7	21,2	22,7	23,0	23,2	23,5	24,1
12H	4H	19,2	19,6	19,7	20,1	20,6	22,0	22,6	22,5	23,0	23,5
	6H	19,7	20,0	20,2	20,5	21,1	22,5	22,9	23,0	23,4	23,9
	8H	19,9	20,2	20,4	20,7	21,3	22,6	23,0	23,1	23,5	24,0

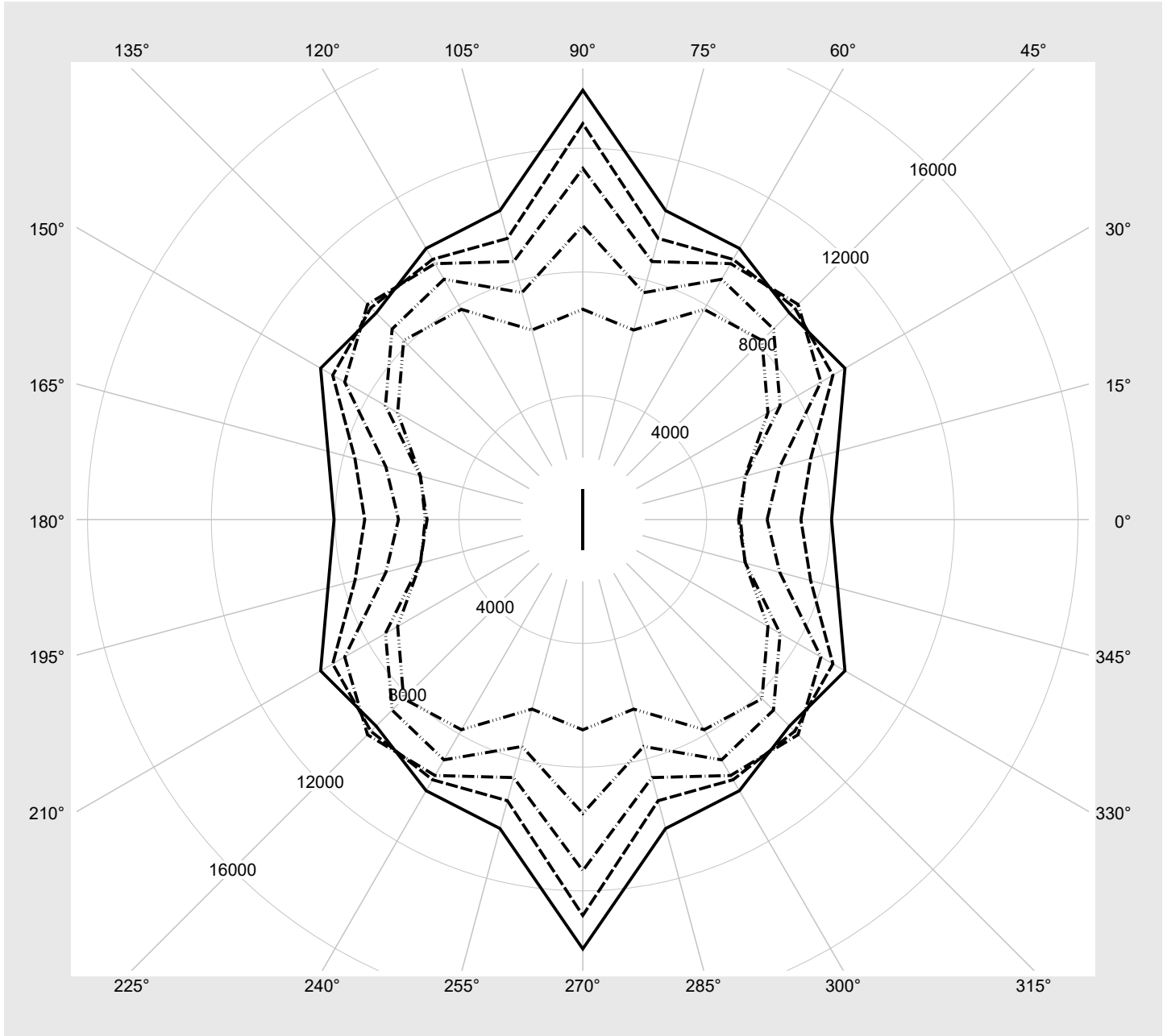
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1500 B = 58
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C- Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		8730.6	9209.6	11674.2	17320.6	19981.8	29189.5	35521.3
50°		8334.3	8608.4	9451.3	13479.0	15085.9	19727.7	24101.7
55°		8553.7	8657.4	9087.8	10759.6	12502.4	14756.8	18244.7
60°		8561.5	8842.9	9316.4	9717.3	10956.9	11918.7	15186.8
65°		8037.2	8522.9	9780.2	9441.6	10120.4	10338.4	13877.0
70°		7046.2	7621.5	9329.8	9679.7	9710.4	9407.8	12795.0
75°		5954.7	6586.6	8881.9	9835.7	9551.6	8633.4	11347.3
80°		5030.8	5440.3	7362.2	8711.9	8967.8	7592.8	9499.1
85°		5089.8	5428.6	6907.5	8187.7	7844.0	6342.3	6796.7

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**Leuchtdichten in cd/m²**      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **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	12350	68.4	83.1	75.8
2	A	C	F	11846	65.4	79.7	72.6
3	A	D	E	10838	59.4	71.9	65.6
4	A	D	F	9882	53.9	64.9	59.4
5	B	C	E	8853	47.9	57.7	52.8
6	B	C	F	7866	42.4	50.9	46.6
7	B	D	E	6879	37.1	44.2	40.7
8	B	D	F	5881	31.6	37.5	34.6