

## Lichttechnischer Prüfbefund

**Familie**  
Licross® 21 Recessed

**Bestell-Nr.:** 52TE12DN465G  
**EAN:** 4058352013342

**LP-Nummer**  
59101\_365



**Ausführung** Abdeckung satiniert, breit strahlend, hoher Sehkomfort

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-DALI

**Bemessungswerte** Nettolichtstrom = 6590 lm  
Systemleistung = 36.3 W  
Lichtausbeute = 181.5 lm/W

**Seriendokumentation**  
24.11.2023

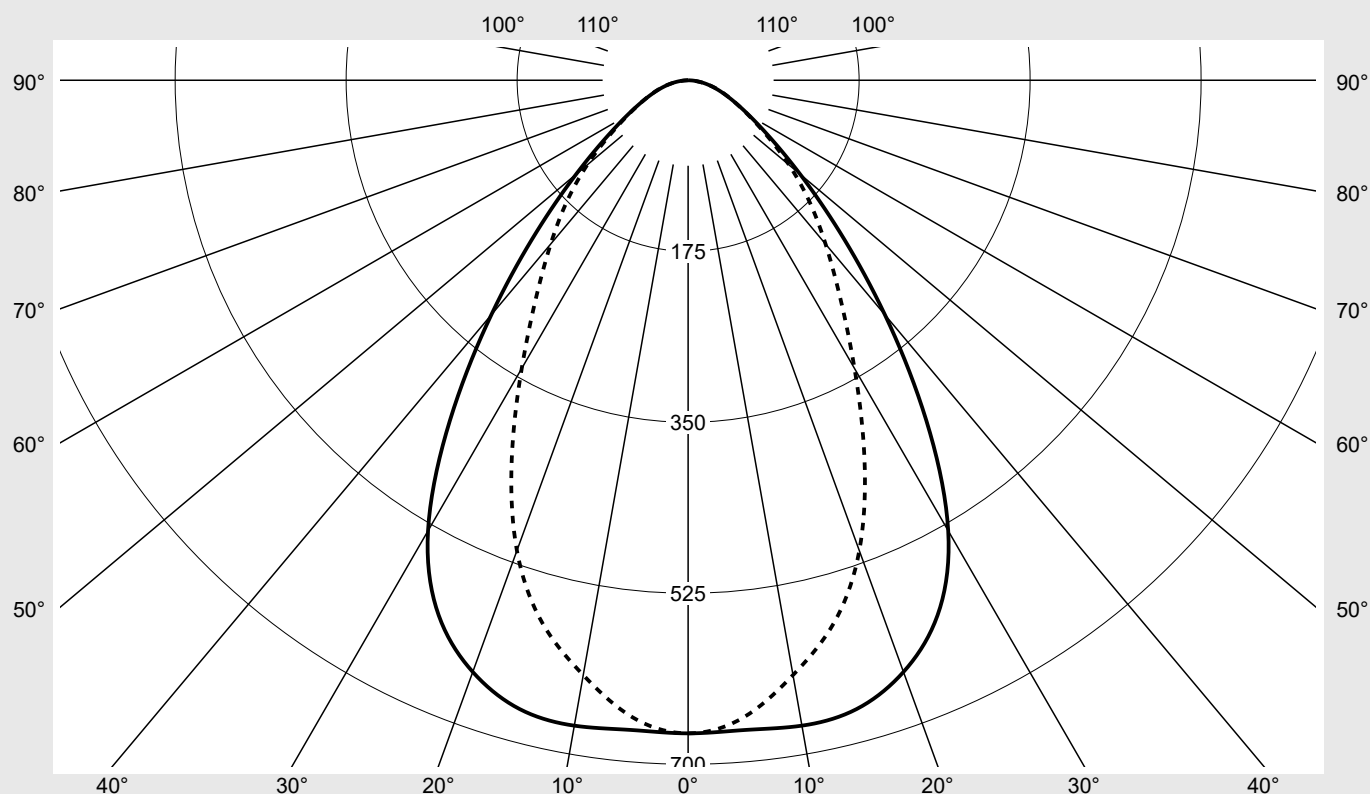
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 671 cd/klm



#### Klassifizierungen

DIN 5040 A 6 0  
CIE N1=72 N2=92 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	
γ									
0°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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	20,3	21,7	20,7	22,0	22,4	20,2	21,7	20,6	22,0	22,3
	3H	20,9	22,1	21,3	22,5	22,8	21,0	22,3	21,4	22,6	23,0
	4H	21,2	22,3	21,6	22,7	23,1	21,4	22,5	21,8	22,9	23,3
	6H	21,4	22,5	21,8	22,9	23,2	21,6	22,7	22,0	23,1	23,5
	8H	21,6	22,5	22,0	22,9	23,3	21,8	22,7	22,2	23,1	23,5
	12H	21,7	22,5	22,1	22,9	23,3	21,8	22,7	22,2	23,1	23,5
4H	2H	20,5	21,6	20,9	22,0	22,4	20,4	21,6	20,8	22,0	22,3
	3H	21,1	22,1	21,6	22,5	22,9	21,4	22,4	21,8	22,8	23,2
	4H	21,5	22,3	21,9	22,8	23,2	21,8	22,7	22,3	23,1	23,6
	6H	21,8	22,5	22,3	23,0	23,4	22,2	22,9	22,7	23,4	23,8
	8H	21,9	22,6	22,4	23,1	23,5	22,3	23,0	22,8	23,4	23,9
	12H	22,1	22,6	22,6	23,1	23,6	22,4	23,0	22,9	23,5	24,0
8H	4H	21,5	22,2	22,0	22,7	23,2	21,9	22,6	22,4	23,0	23,5
	6H	21,9	22,5	22,4	22,9	23,4	22,3	22,9	22,8	23,4	23,9
	8H	22,1	22,6	22,6	23,0	23,6	22,5	23,0	23,0	23,5	24,0
	12H	22,2	22,6	22,7	23,1	23,7	22,6	23,0	23,1	23,5	24,1
12H	4H	21,6	22,1	22,1	22,6	23,1	21,9	22,5	22,4	22,9	23,4
	6H	21,9	22,4	22,4	22,9	23,4	22,3	22,8	22,8	23,3	23,8
	8H	22,1	22,5	22,6	23,0	23,5	22,5	22,9	23,0	23,4	24,0

## Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: L = 1500 B = 58

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°		23483.4	21461.8	18818.6	18332.4	19474.8	19785.5	18802.7
50°		17639.1	15622.6	13270.3	13705.7	15672.3	17159.9	15891.5
55°		13558.2	11770.1	9867.3	10766.0	12952.4	14255.7	12949.1
60°		10965.5	9412.8	7772.9	8838.8	10872.3	11591.0	10752.9
65°		9338.4	7948.1	6443.1	7460.4	9221.0	9706.4	9329.4
70°		8321.7	7016.8	5471.2	6434.6	7876.8	8504.7	8483.2
75°		7609.0	6232.9	4750.8	5554.2	6705.2	7568.3	7841.1
80°		7018.2	5471.4	4025.3	4556.2	5508.0	6477.3	6866.8
85°		6086.3	4687.9	3310.4	3569.4	4196.0	4913.9	5073.8

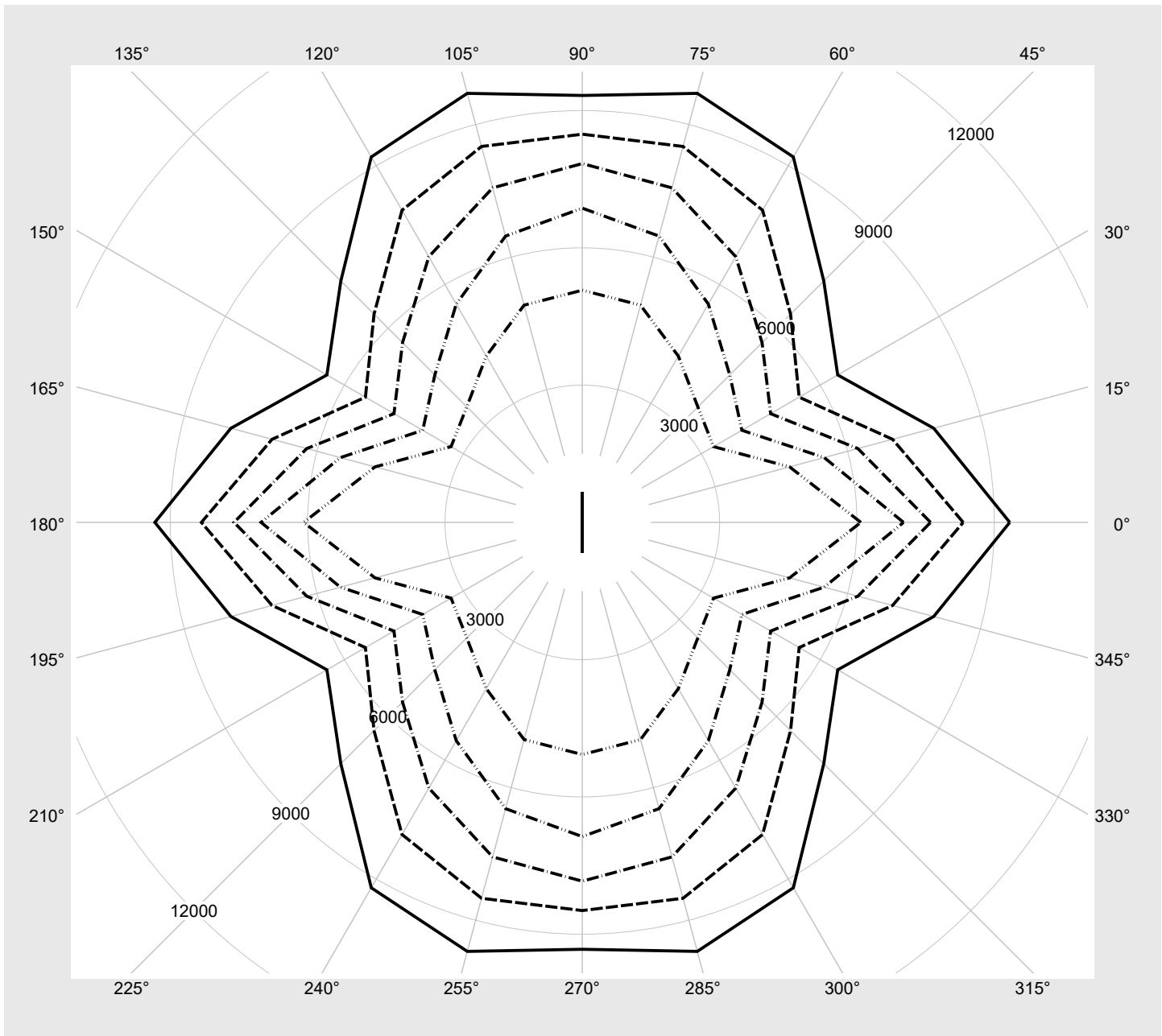
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**Leuchtdichten in cd/m²**

$\gamma$ 65°	$\gamma$ 70°	$\gamma$ 75°	$\gamma$ 80°	$\gamma$ 85°
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**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	6590	36.3
95	241	252	6270	34.5
90	227	250	5922	32.5
85	214	248	5595	30.7
80	201	245	5270	29.0
75	188	243	4940	27.3
70	175	240	4608	25.4
65	162	238	4277	23.7
60	150	235	3966	22.1
55	137	231	3632	20.3
50	124	228	3292	18.6
45	112	224	2979	17.0
40	99	219	2637	15.3
35	87	215	2319	13.7
30	74	209	1976	11.9
25	62	202	1655	10.3
20	49	194	1306	8.6
15	37	183	986	6.9
10	25	169	661	5.3
5	13	145	338	3.8
2	6	117	146	2.9