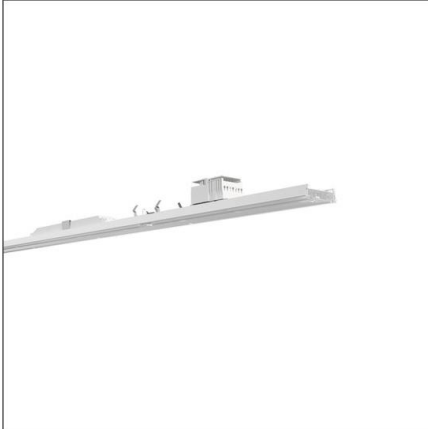


## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 51TL1E7N48XF**  
**EAN: 4058352579534**

**LP-Nummer**  
**59263\_3**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG  
**Bemessungswerte** Nettolichtstrom = 8090 lm  
 Systemleistung = 47.6 W  
 Lichtausbeute = 170 lm/W

**Seriendokumentation**  
**08.02.2022**

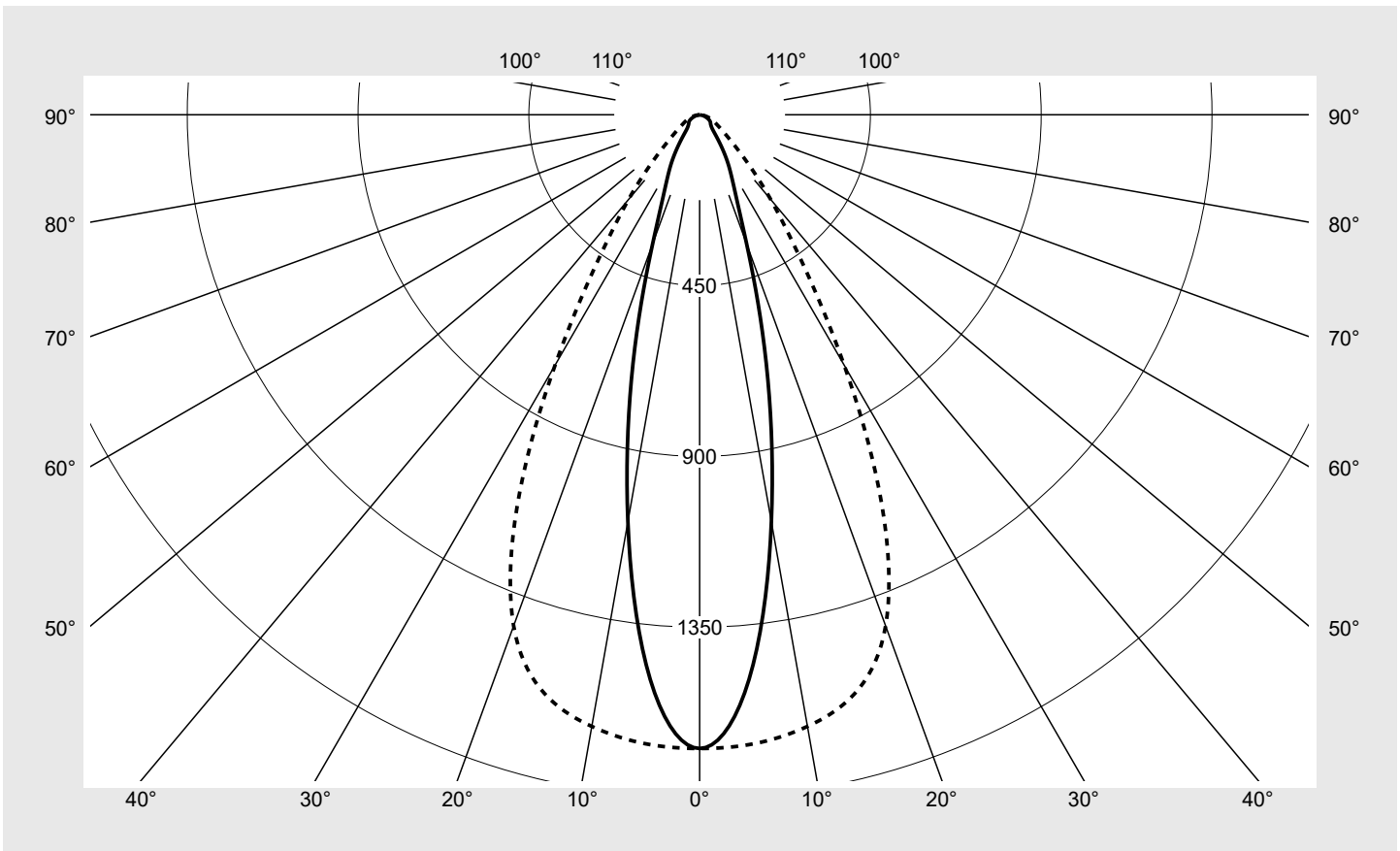
**siteco**

**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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 11 Recessed</b>	<b>Bestell-Nr.: 51TL1E7N48XF</b> <b>EAN: 4058352579534</b>	<b>LP-Nummer</b> <b>59263_3</b>
<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

## Lichttechnischer Prüfbefund

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	14,4	15,6	14,8	16,0	16,3	19,4	20,7	19,8	21,0	21,3
	3H	15,6	16,7	16,0	17,0	17,4	20,0	21,0	20,4	21,4	21,7
	4H	15,9	17,0	16,3	17,3	17,7	20,3	21,2	20,7	21,6	22,0
	6H	16,2	17,1	16,6	17,5	17,9	20,5	21,4	20,9	21,7	22,1
	8H	16,4	17,2	16,8	17,6	18,0	20,6	21,4	21,1	21,8	22,2
	12H	16,4	17,2	16,8	17,6	18,0	20,7	21,3	21,1	21,7	22,2
4H	2H	15,2	16,2	15,6	16,6	16,9	19,4	20,4	19,8	20,8	21,2
	3H	16,7	17,5	17,1	17,9	18,3	20,1	21,0	20,5	21,4	21,8
	4H	17,2	17,9	17,6	18,3	18,8	20,5	21,2	20,9	21,7	22,1
	6H	17,4	18,1	17,9	18,5	19,0	20,8	21,4	21,3	21,9	22,3
	8H	17,6	18,2	18,1	18,6	19,1	20,9	21,5	21,4	21,9	22,4
	12H	17,7	18,2	18,2	18,6	19,1	21,0	21,4	21,5	21,9	22,4
8H	4H	17,7	18,2	18,1	18,6	19,1	20,6	21,2	21,1	21,6	22,1
	6H	18,1	18,5	18,6	19,0	19,5	21,0	21,5	21,5	21,9	22,4
	8H	18,2	18,6	18,7	19,1	19,7	21,1	21,5	21,6	22,0	22,6
	12H	18,4	18,7	18,9	19,2	19,8	21,2	21,6	21,7	22,1	22,6
12H	4H	17,7	18,2	18,2	18,6	19,1	20,6	21,1	21,1	21,5	22,0
	6H	18,2	18,6	18,7	19,1	19,6	21,0	21,4	21,5	21,9	22,4
	8H	18,4	18,7	18,9	19,2	19,8	21,2	21,5	21,7	22,0	22,6

## 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°		5719.0	6032.8	7647.3	11346.0	13089.3	19120.9	23268.6
50°		5459.5	5639.0	6191.2	8829.6	9882.2	12922.9	15788.1
55°		5603.2	5671.1	5953.1	7048.2	8189.8	9666.6	11951.4
60°		5608.3	5792.6	6102.8	6365.4	7177.4	7807.5	9948.3
65°		5264.9	5583.0	6406.6	6184.8	6629.5	6772.3	9090.3
70°		4615.7	4992.5	6111.6	6340.8	6360.9	6162.7	8381.5
75°		3900.7	4314.6	5818.2	6443.0	6256.9	5655.4	7433.1
80°		3295.5	3563.7	4822.7	5706.8	5874.4	4973.7	6222.5
85°		3334.1	3556.1	4524.8	5363.4	5138.3	4154.6	4452.3

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Leuchtdichten in cd/m<sup>2</sup>      γ 65°    γ 70°    γ 75°    γ 80°    γ 85°      **siteco**

