

## Lichttechnischer Prüfbefund

**Familie**  
Licross® 11 Recessed

**Bestell-Nr.:** 51TL1EDV4M1S  
**EAN:** 4058352925249

**LP-Nummer**  
59263\_185



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 26450 lm  
Systemleistung = 150.5 W  
Lichtausbeute = 175.7 lm/W

**Seriendokumentation**  
14.09.2023

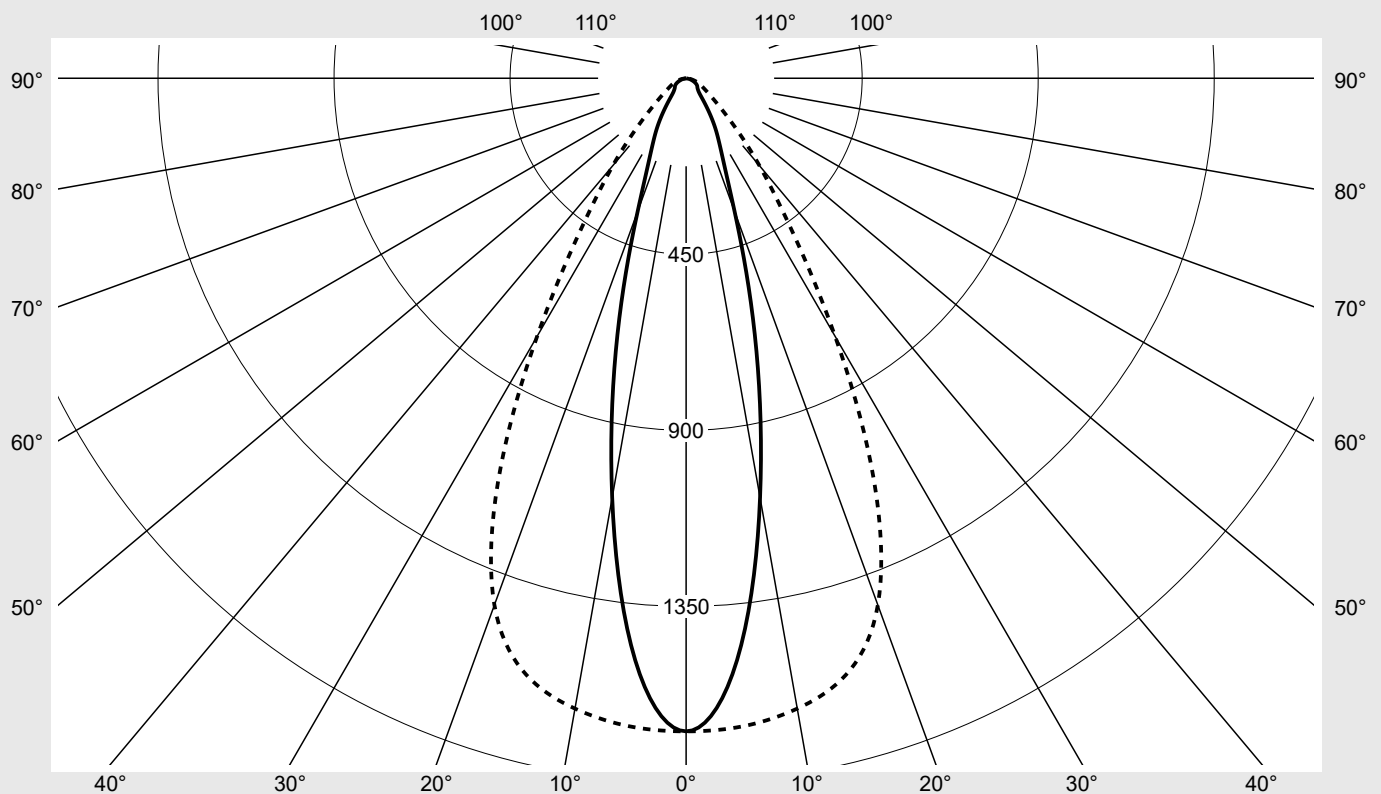
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Lichtstärke in cd/klm

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°			
γ									
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	17,1	18,4	17,5	18,7	19,0	22,1	23,4	22,5	23,7	24,0
	3H	18,3	19,4	18,7	19,7	20,1	22,7	23,8	23,1	24,1	24,4
	4H	18,7	19,7	19,1	20,0	20,4	23,0	23,9	23,4	24,3	24,7
	6H	18,9	19,8	19,3	20,2	20,6	23,2	24,1	23,6	24,4	24,8
	8H	19,1	19,9	19,5	20,3	20,7	23,4	24,1	23,8	24,5	24,9
	12H	19,1	19,9	19,5	20,3	20,7	23,4	24,1	23,8	24,4	24,9
4H	2H	17,9	18,9	18,3	19,3	19,6	22,1	23,1	22,5	23,5	23,9
	3H	19,4	20,2	19,8	20,6	21,0	22,8	23,7	23,3	24,1	24,5
	4H	19,9	20,6	20,3	21,0	21,5	23,2	23,9	23,7	24,4	24,8
	6H	20,2	20,8	20,6	21,3	21,7	23,5	24,1	24,0	24,6	25,0
	8H	20,3	20,9	20,8	21,3	21,8	23,6	24,2	24,1	24,6	25,1
	12H	20,4	20,9	20,9	21,3	21,8	23,7	24,1	24,2	24,6	25,1
8H	4H	20,4	20,9	20,8	21,3	21,8	23,3	23,9	23,8	24,3	24,8
	6H	20,8	21,3	21,3	21,7	22,2	23,7	24,2	24,2	24,6	25,2
	8H	20,9	21,4	21,5	21,8	22,4	23,8	24,2	24,3	24,7	25,3
	12H	21,1	21,4	21,6	21,9	22,5	23,9	24,3	24,4	24,8	25,3
12H	4H	20,4	20,9	20,9	21,3	21,8	23,3	23,8	23,8	24,3	24,8
	6H	20,9	21,3	21,4	21,8	22,3	23,7	24,1	24,2	24,6	25,1
	8H	21,1	21,4	21,6	21,9	22,5	23,9	24,2	24,4	24,7	25,3

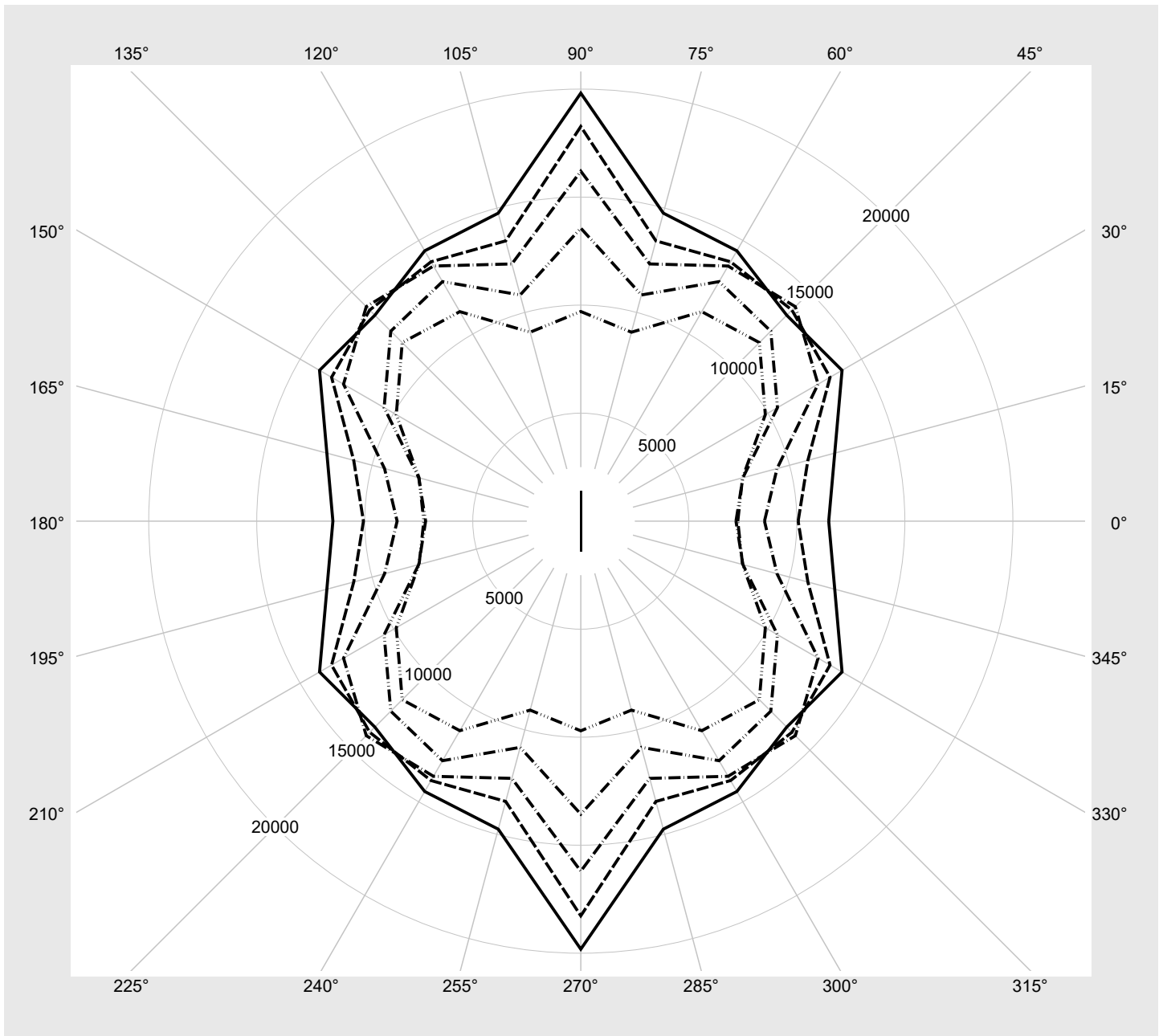
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 2250 B = 58
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C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		12465.5	13149.4	16668.4	24730.3	28530.0	41676.8	50717.3
50°		11899.8	12291.1	13494.6	19245.4	21539.6	28167.3	34412.5
55°		12213.0	12361.1	12975.6	15362.6	17851.0	21069.8	26049.7
60°		12224.2	12625.9	13302.0	13874.4	15644.2	17017.6	21683.7
65°		11475.5	12169.0	13964.1	13480.7	14449.9	14761.2	19813.6
70°		10060.6	10882.0	13321.1	13820.7	13864.5	13432.5	18268.7
75°		8502.2	9404.3	12681.6	14043.4	13637.7	12326.8	16201.6
80°		7182.9	7767.7	10511.8	12438.8	12804.2	10840.9	13562.9
85°		7267.2	7750.9	9862.5	11690.4	11199.7	9055.6	9704.4

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Leuchtdichten in cd/m<sup>2</sup>      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	26450	150.5
95	240	252	25104	141.7
90	226	250	23796	133.0
85	212	247	22452	124.4
80	199	245	21185	116.4
75	185	242	19802	107.9
70	172	240	18505	100.2
65	159	237	17192	92.6
60	146	234	15865	85.0
55	133	230	14528	77.5
50	120	227	13178	70.1
45	108	223	11919	63.2
40	95	218	10539	55.8
35	83	213	9250	49.0
30	71	207	7946	42.2
25	59	201	6629	35.3
20	47	192	5302	28.6
15	35	181	3960	21.7
10	23	166	2605	14.6
5	12	142	1354	7.9
2	4	102	434	2.8