

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 51TE1EDV4M5S**  
**EAN: 4058352965337**

**LP-Nummer**  
**59263\_187**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 25560 lm  
 Systemleistung = 144.7 W  
 Lichtausbeute = 176.6 lm/W

**Seriendokumentation**  
**14.09.2023**

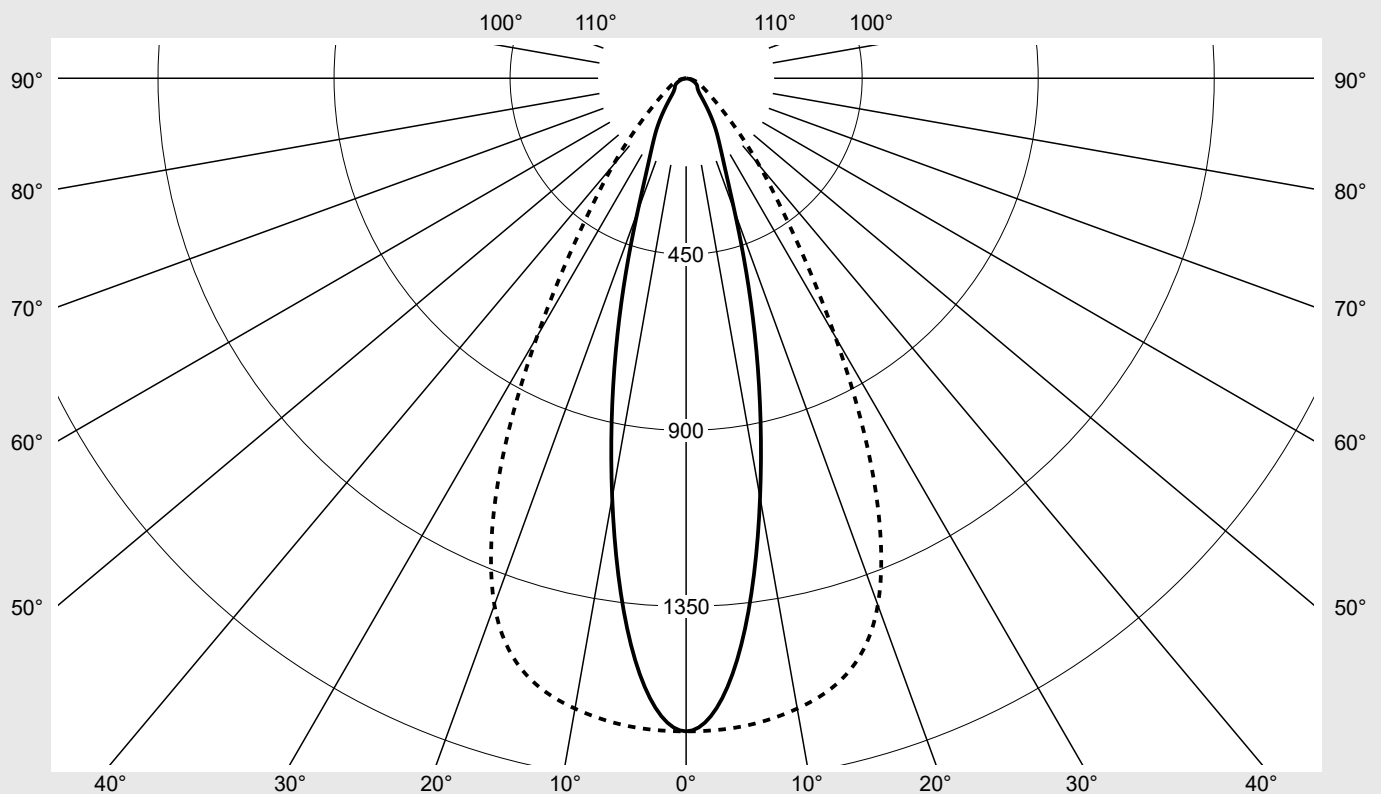
**siteco**

**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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	17,0	18,2	17,4	18,5	18,9	22,0	23,2	22,4	23,5	23,9
	3H	18,2	19,3	18,6	19,6	20,0	22,6	23,6	23,0	24,0	24,3
	4H	18,5	19,6	18,9	19,9	20,3	22,9	23,8	23,3	24,2	24,6
	6H	18,8	19,7	19,2	20,1	20,5	23,1	23,9	23,5	24,3	24,7
	8H	19,0	19,8	19,4	20,1	20,6	23,2	24,0	23,7	24,4	24,8
	12H	19,0	19,8	19,4	20,2	20,6	23,3	23,9	23,7	24,3	24,8
4H	2H	17,8	18,8	18,2	19,1	19,5	22,0	23,0	22,4	23,4	23,8
	3H	19,3	20,1	19,7	20,5	20,9	22,7	23,6	23,1	23,9	24,4
	4H	19,8	20,5	20,2	20,9	21,4	23,1	23,8	23,5	24,2	24,7
	6H	20,0	20,7	20,5	21,1	21,6	23,4	24,0	23,8	24,4	24,9
	8H	20,2	20,7	20,6	21,2	21,7	23,5	24,0	24,0	24,5	25,0
	12H	20,3	20,8	20,7	21,2	21,7	23,6	24,0	24,1	24,5	25,0
8H	4H	20,2	20,8	20,7	21,2	21,7	23,2	23,8	23,7	24,2	24,7
	6H	20,7	21,1	21,2	21,6	22,1	23,6	24,0	24,1	24,5	25,0
	8H	20,8	21,2	21,3	21,7	22,3	23,7	24,1	24,2	24,6	25,1
	12H	20,9	21,3	21,5	21,8	22,4	23,8	24,1	24,3	24,6	25,2
12H	4H	20,3	20,7	20,8	21,2	21,7	23,2	23,7	23,7	24,1	24,6
	6H	20,8	21,2	21,3	21,7	22,2	23,6	24,0	24,1	24,5	25,0
	8H	21,0	21,3	21,5	21,8	22,4	23,7	24,1	24,3	24,6	25,1

<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°		12046.1	12707.0	16107.6	23898.2	27570.0	40274.5	49010.8
50°		11499.3	11877.5	13040.6	18597.8	20814.9	27219.5	33254.5
55°		11802.1	11945.1	12539.0	14845.6	17250.3	20360.8	25173.2
60°		11812.8	12201.0	12854.4	13407.5	15117.8	16445.0	20954.1
65°		11089.4	11759.6	13494.2	13027.1	13963.7	14264.5	19146.9
70°		9722.1	10515.8	12872.9	13355.6	13398.0	12980.5	17654.0
75°		8216.1	9087.8	12254.9	13570.9	13178.9	11912.0	15656.5
80°		6941.2	7506.3	10158.1	12020.3	12373.3	10476.2	13106.5
85°		7022.7	7490.1	9530.7	11297.0	10822.8	8750.9	9377.8

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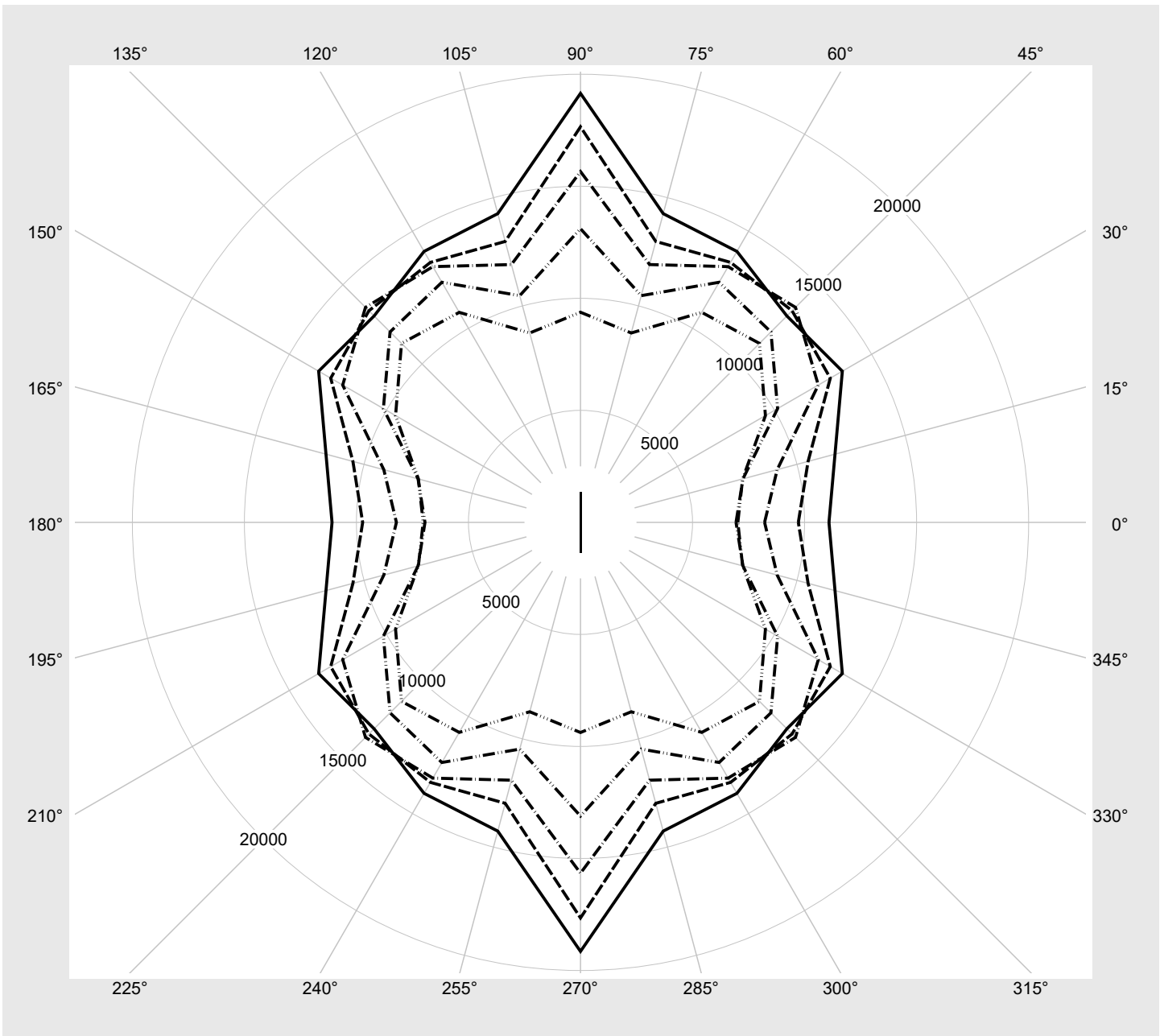
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**Leuchtdichten in cd/m<sup>2</sup>**

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



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<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	25560	144.7
95	240	252	24298	136.3
90	226	250	23012	128.0
85	212	247	21704	119.7
80	199	245	20475	112.1
75	185	242	19138	103.9
70	172	240	17877	96.6
65	159	237	16604	89.2
60	146	234	15323	82.0
55	133	230	14030	74.8
50	121	227	12825	68.1
45	108	223	11505	60.9
40	96	218	10272	54.4
35	83	213	8927	47.3
30	71	207	7667	40.8
25	59	201	6394	34.1
20	47	192	5114	27.6
15	35	181	3818	20.9
10	23	166	2510	14.1
5	12	142	1304	7.7
2	4	102	417	2.7