

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 52TL1EDV4L2S**  
**EAN: 4058352891889**

**LP-Nummer**  
**59263\_74**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 22130 lm  
 Systemleistung = 125.6 W  
 Lichtausbeute = 176.2 lm/W

**Seriendokumentation**  
**02.08.2023**

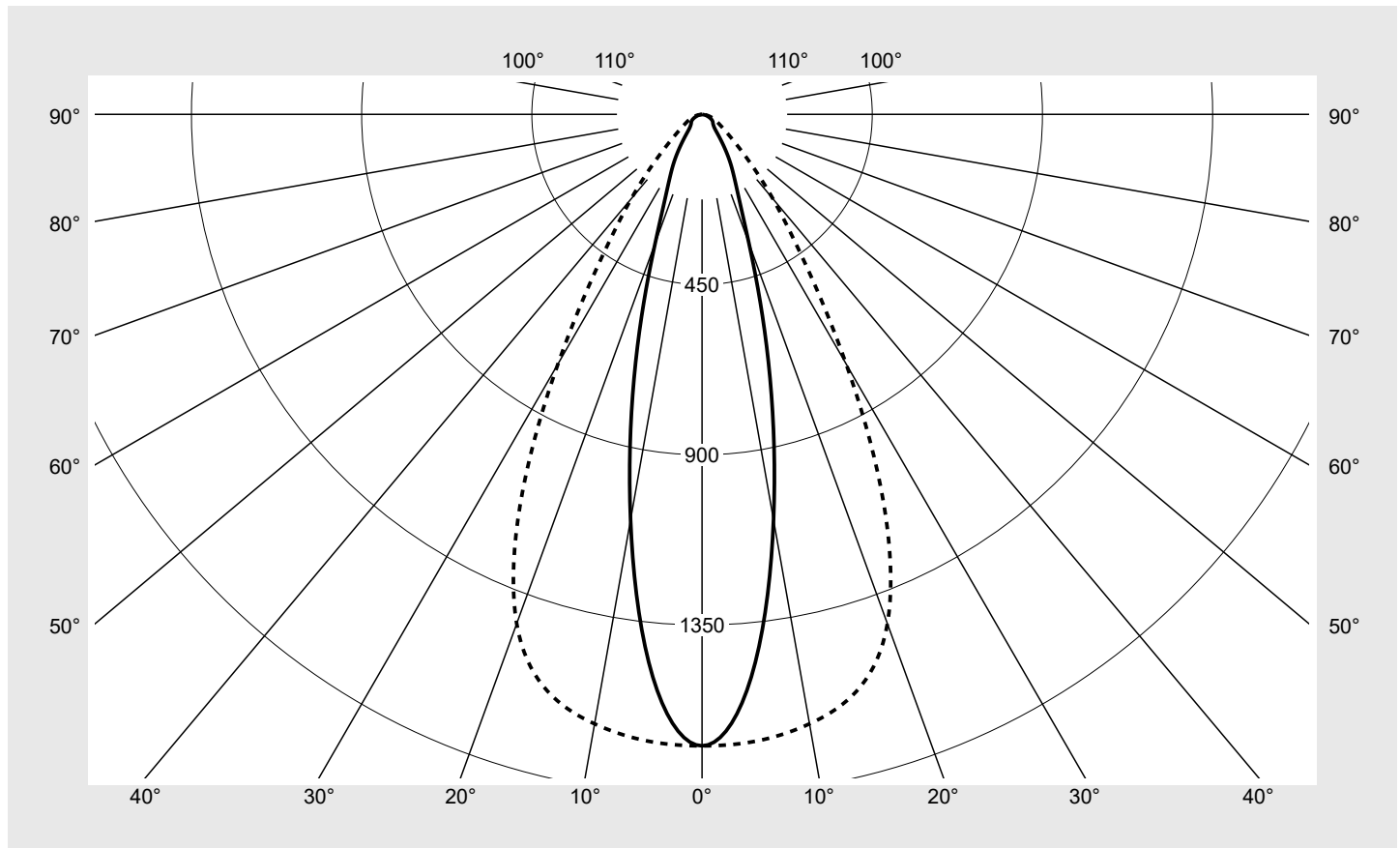
**siteco**

**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

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 21 Recessed</b>	<b>Bestell-Nr.: 52TL1EDV4L2S</b> <b>EAN: 4058352891889</b>	<b>LP-Nummer</b> <b>59263_74</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

<b>Familie</b> Licross® 21 Recessed	<b>Bestell-Nr.: 52TL1EDV4L2S</b> <b>EAN: 4058352891889</b>	<b>LP-Nummer</b> 59263_74
----------------------------------------	---------------------------------------------------------------	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	16,5	17,7	16,9	18,0	18,4	21,5	22,7	21,9	23,0	23,4
	3H	17,7	18,8	18,1	19,1	19,5	22,1	23,1	22,5	23,5	23,8
	4H	18,0	19,1	18,4	19,4	19,8	22,4	23,3	22,8	23,7	24,1
	6H	18,2	19,2	18,7	19,6	20,0	22,6	23,4	23,0	23,8	24,2
	8H	18,5	19,3	18,9	19,6	20,1	22,7	23,5	23,2	23,9	24,3
	12H	18,5	19,3	18,9	19,7	20,1	22,8	23,4	23,2	23,8	24,2
4H	2H	17,3	18,3	17,7	18,6	19,0	21,5	22,5	21,9	22,9	23,3
	3H	18,8	19,6	19,2	20,0	20,4	22,2	23,1	22,6	23,4	23,9
	4H	19,3	20,0	19,7	20,4	20,9	22,6	23,3	23,0	23,7	24,2
	6H	19,5	20,2	20,0	20,6	21,1	22,9	23,5	23,3	23,9	24,4
	8H	19,7	20,2	20,1	20,7	21,2	23,0	23,5	23,5	24,0	24,5
	12H	19,8	20,3	20,2	20,7	21,2	23,1	23,5	23,6	24,0	24,5
8H	4H	19,7	20,3	20,2	20,7	21,2	22,7	23,3	23,2	23,7	24,2
	6H	20,2	20,6	20,7	21,1	21,6	23,1	23,5	23,6	24,0	24,5
	8H	20,3	20,7	20,8	21,2	21,8	23,2	23,6	23,7	24,1	24,6
	12H	20,4	20,8	21,0	21,3	21,8	23,3	23,6	23,8	24,1	24,7
12H	4H	19,8	20,2	20,3	20,7	21,2	22,7	23,2	23,2	23,6	24,1
	6H	20,3	20,7	20,8	21,2	21,7	23,1	23,5	23,6	24,0	24,5
	8H	20,5	20,8	21,0	21,3	21,9	23,2	23,6	23,8	24,1	24,6

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

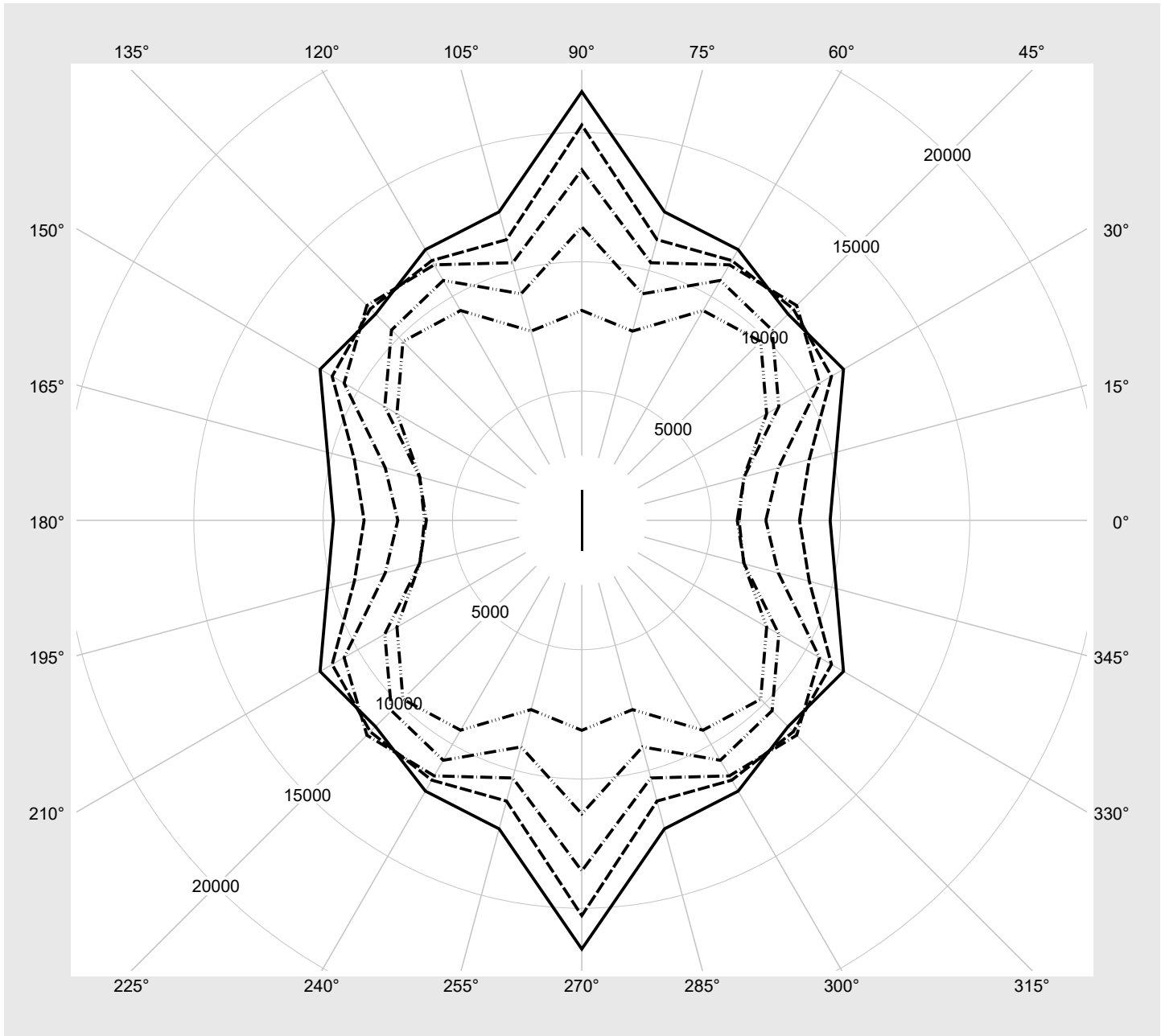
Lichttechnische Abmessungen in mm: L = 2250, B = 58

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°		10429.5	11001.8	13946.0	20691.2	23870.3	34869.9	42433.8
50°		9956.2	10283.6	11290.6	16102.1	18021.6	23566.8	28792.0
55°		10218.3	10342.2	10856.3	12853.4	14935.4	17628.5	21795.1
60°		10227.6	10563.7	11129.4	11608.3	13089.1	14238.2	18142.2
65°		9601.3	10181.5	11683.4	11278.9	12089.9	12350.3	16577.5
70°		8417.4	9104.6	11145.4	11563.4	11600.1	11238.6	15285.0
75°		7113.5	7868.3	10610.3	11749.7	11410.3	10313.5	13555.5
80°		6009.8	6499.0	8794.9	10407.2	10712.9	9070.3	11347.7
85°		6080.3	6485.0	8251.7	9781.0	9370.5	7576.5	8119.4

**Lichttechnischer Prüfbefund**

<b>Familie</b> Licross® 21 Recessed	<b>Bestell-Nr.:</b> 52TL1EDV4L2S <b>EAN:</b> 4058352891889	<b>LP-Nummer</b> 59263_74
----------------------------------------	---------------------------------------------------------------	------------------------------

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



## Lichttechnischer Prüfbefund

<b>Familie</b> Licross® 21 Recessed	<b>Bestell-Nr.: 52TL1EDV4L2S</b> <b>EAN: 4058352891889</b>	<b>LP-Nummer</b> <b>59263_74</b>
----------------------------------------	---------------------------------------------------------------	-------------------------------------

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	22130	125.6
95	240	252	21019	118.9
90	226	250	19899	112.2
85	213	248	18841	106.0
80	199	245	17692	99.1
75	186	243	16610	92.8
70	173	240	15516	86.4
65	160	237	14410	80.1
60	147	234	13294	73.8
55	134	231	12169	67.4
50	121	227	11026	61.2
45	109	223	9967	55.4
40	96	218	8809	49.1
35	84	213	7726	43.3
30	72	208	6639	37.6
25	60	201	5546	31.8
20	48	193	4439	26.0
15	36	182	3329	20.2
10	24	168	2213	14.0
5	12	142	1084	7.6
1	4	102	332	2.8