

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 51TE1WDV4M2M**  
**EAN: 4069025269980**

**LP-Nummer**  
**59521\_21**



**Ausführung** Abdeckung satiniert, breit strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 27420 lm  
 Systemleistung = 150.5 W  
 Lichtausbeute = 182.2 lm/W

**Seriendokumentation**  
25.03.2024

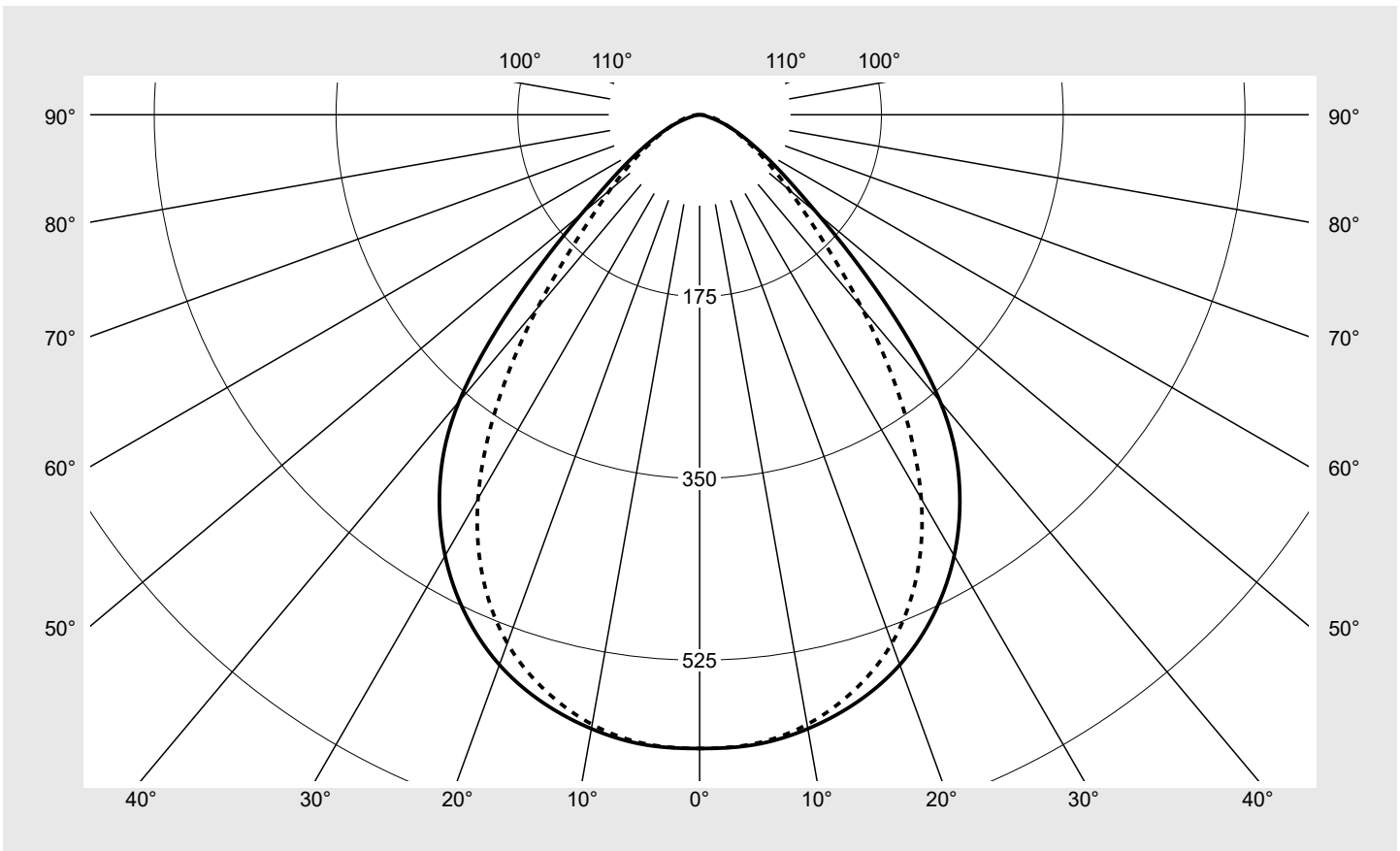
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 610 cd/klm**



**Klassifizierungen**

DIN 5040 A 5 0  
 CIE N1=73 N2=94 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.: 51TE1WDV4M2M</b> <b>EAN: 4069025269980</b>	<b>LP-Nummer</b> <b>59521_21</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									
γ								Lichtstrom in lm/klm	
0°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	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® 11 Recessed	<b>Bestell-Nr.: 51TE1WDV4M2M</b> <b>EAN: 4069025269980</b>	<b>LP-Nummer</b> 59521_21
--	---	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	24,5	26,0	24,9	26,3	26,6	23,2	24,7	23,6	25,0	25,3
	3H	24,8	26,0	25,2	26,4	26,7	23,7	24,9	24,0	25,3	25,6
	4H	24,8	26,0	25,2	26,3	26,7	23,8	25,0	24,2	25,4	25,7
	6H	24,8	25,8	25,2	26,2	26,6	24,0	25,0	24,4	25,4	25,8
	8H	24,9	25,8	25,3	26,2	26,6	24,1	25,0	24,5	25,4	25,8
	12H	24,8	25,7	25,3	26,1	26,5	24,1	25,0	24,5	25,4	25,8
4H	2H	24,7	25,8	25,0	26,2	26,6	23,5	24,7	23,9	25,0	25,4
	3H	25,0	26,0	25,4	26,4	26,8	24,1	25,0	24,5	25,4	25,9
	4H	25,0	25,9	25,5	26,3	26,8	24,3	25,2	24,8	25,6	26,0
	6H	25,1	25,8	25,5	26,2	26,7	24,5	25,3	25,0	25,7	26,2
	8H	25,0	25,7	25,5	26,2	26,6	24,6	25,3	25,1	25,7	26,2
	12H	25,1	25,6	25,6	26,1	26,6	24,7	25,3	25,2	25,7	26,2
8H	4H	25,1	25,7	25,5	26,2	26,7	24,4	25,0	24,8	25,5	26,0
	6H	25,1	25,6	25,6	26,1	26,6	24,6	25,2	25,1	25,6	26,2
	8H	25,1	25,5	25,6	26,0	26,6	24,7	25,2	25,2	25,7	26,2
	12H	25,1	25,5	25,6	26,0	26,5	24,8	25,2	25,4	25,7	26,3
12H	4H	25,1	25,6	25,6	26,1	26,6	24,4	24,9	24,9	25,4	25,9
	6H	25,1	25,5	25,6	26,0	26,5	24,6	25,1	25,1	25,6	26,1
	8H	25,1	25,5	25,6	26,0	26,5	24,7	25,1	25,3	25,6	26,2

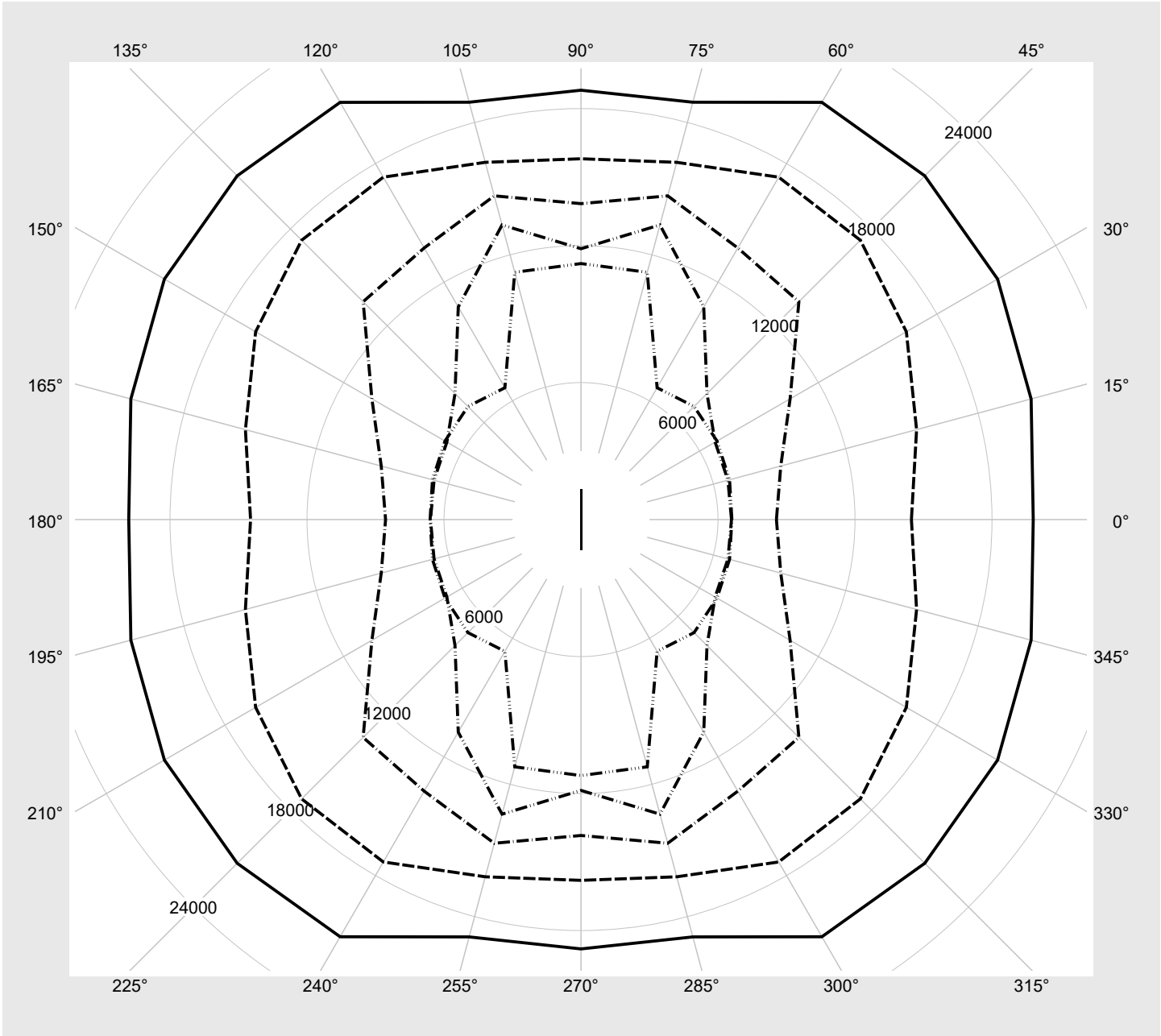
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 2250 B = 58
--	--

C-Ebenen	$\gamma$	Leuchtdichte in $\text{cd/m}^2$						
		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°		72989.2	72101.6	67176.7	60598.2	54193.7	49575.2	48102.8
50°		48428.4	48742.2	47455.9	43703.3	40006.9	37316.7	36803.5
55°		34641.1	34870.4	34774.1	33911.4	31457.0	29262.3	29011.4
60°		25955.9	26371.5	26534.2	26822.0	25448.7	23166.9	23076.5
65°		19806.4	20409.5	21067.3	21291.5	21099.6	18923.9	18805.1
70°		14471.3	15215.8	16453.7	17302.7	17316.9	16198.2	15802.5
75°		8559.0	9057.5	10574.8	13494.1	13736.0	14677.7	13836.7
80°		6590.9	6662.3	6783.3	7803.3	10750.9	13358.4	11862.9
85°		6608.0	6735.8	6878.0	7003.4	6665.9	11212.6	11212.6

**Lichttechnischer Prüfbefund**

<b>Familie</b> <b>Licross® 11 Recessed</b>	<b>Bestell-Nr.: 51TE1WDV4M2M</b> <b>EAN: 4069025269980</b>	<b>LP-Nummer</b> <b>59521_21</b>
---	---	-------------------------------------

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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 11 Recessed</b>	<b>Bestell-Nr.: 51TE1WDV4M2M</b> <b>EAN: 4069025269980</b>	<b>LP-Nummer</b> <b>59521_21</b>
<b>Dimmstufen-Tabelle</b>		<b>sITeco</b>
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	27420	150.5
95	240	252	26025	141.7
90	226	250	24669	133.0
85	212	247	23276	124.4
80	199	245	21962	116.4
75	185	242	20529	107.9
70	172	240	19183	100.2
65	159	237	17822	92.6
60	146	234	16447	85.0
55	133	230	15061	77.5
50	120	227	13661	70.1
45	108	223	12356	63.2
40	95	218	10926	55.8
35	83	213	9589	49.0
30	71	207	8237	42.2
25	59	201	6872	35.3
20	47	192	5497	28.6
15	35	181	4105	21.7
10	23	166	2700	14.6
5	12	142	1403	7.9
2	4	102	450	2.8