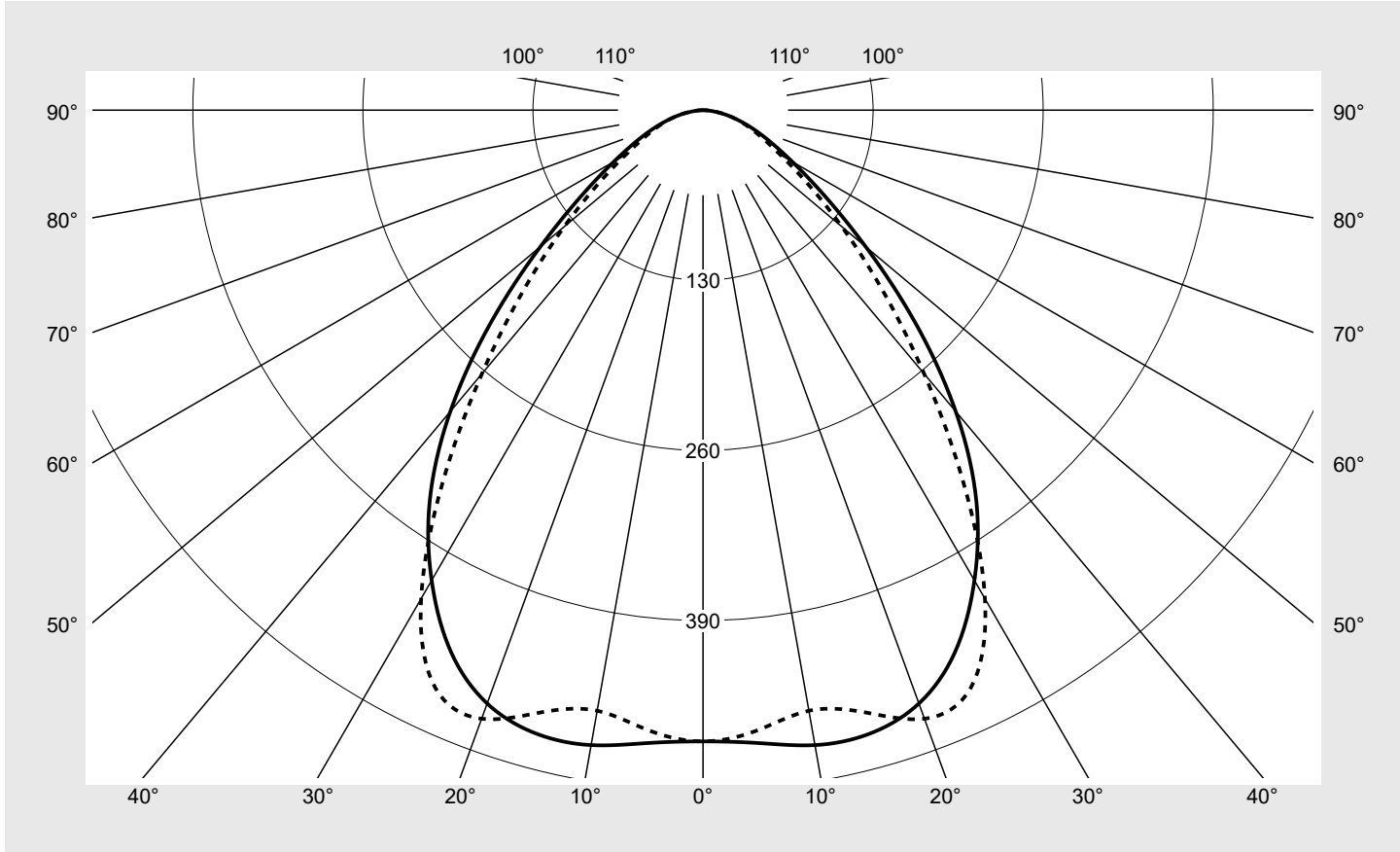


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL12DN195G</b> <b>EAN: 4058352015438</b>	<b>LP number</b> <b>58637_225</b>
	<b>Version</b> cover frosted, wide distribution, high visual comfort <b>Lamps</b> LED 3500 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 9910 lm Power consumption = 56.7 W Luminous efficacy = 174.8 lm/W	<b>serial documentation</b> <b>22.01.2024</b>



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 498 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 N3=99 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Licross® 11 Recessed</b>	Order number: <b>51TL12DN195G</b> EAN: <b>4058352015438</b>	LP number <b>58637_225</b>
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**siteco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes $\gamma$	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm							Luminous flux in lm/klm		
0°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	1000.0
90°	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

## Photometric test report

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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	22.6	24.1	22.9	24.4	24.7	22.7	24.2	23.0	24.5	24.8
	3H	23.1	24.4	23.5	24.8	25.1	23.2	24.6	23.6	24.9	25.2
	4H	23.3	24.6	23.7	24.9	25.3	23.5	24.7	23.9	25.1	25.4
	6H	23.5	24.6	23.9	25.0	25.4	23.7	24.8	24.1	25.2	25.6
	8H	23.6	24.6	24.0	25.0	25.4	23.8	24.8	24.2	25.2	25.6
	12H	23.6	24.6	24.1	25.0	25.4	23.8	24.8	24.2	25.2	25.6
4H	2H	22.8	24.0	23.2	24.4	24.8	22.9	24.1	23.3	24.5	24.9
	3H	23.4	24.5	23.9	24.8	25.3	23.6	24.6	24.0	25.0	25.4
	4H	23.7	24.6	24.1	25.0	25.5	24.0	24.9	24.4	25.3	25.7
	6H	23.9	24.7	24.4	25.2	25.6	24.2	25.0	24.7	25.5	25.9
	8H	24.0	24.7	24.5	25.2	25.7	24.3	25.0	24.8	25.5	26.0
	12H	24.1	24.7	24.6	25.2	25.7	24.4	25.0	24.9	25.5	26.0
8H	4H	23.8	24.5	24.2	24.9	25.4	24.0	24.7	24.5	25.2	25.6
	6H	24.0	24.6	24.5	25.1	25.6	24.4	24.9	24.8	25.4	25.9
	8H	24.1	24.6	24.6	25.1	25.7	24.5	25.0	25.0	25.5	26.0
	12H	24.2	24.6	24.7	25.1	25.7	24.6	25.0	25.1	25.5	26.0
12H	4H	23.8	24.4	24.3	24.9	25.4	24.0	24.6	24.5	25.1	25.6
	6H	24.1	24.5	24.6	25.0	25.6	24.4	24.9	24.9	25.3	25.9
	8H	24.2	24.6	24.7	25.1	25.6	24.5	24.9	25.0	25.4	26.0

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b> <b>B = 58</b>
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C-planes	$\gamma$	Luminance 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°		36914.3	36455.5	38421.3	41849.2	39815.9	34125.4	31147.3	
50°		28761.3	28236.6	28637.4	30770.3	30928.7	27509.1	24544.9	
55°		22338.1	21445.2	20874.1	22310.5	24157.2	22033.1	19299.0	
60°		17931.4	16662.7	15565.3	16660.9	19058.0	17625.2	15594.0	
65°		15102.8	13519.3	12136.6	13054.9	15311.4	14689.1	13379.4	
70°		13150.6	11484.1	9830.5	10689.7	12583.4	12827.9	12200.1	
75°		11427.4	9692.9	8112.5	8888.0	10504.5	11410.2	11348.6	
80°		9749.0	7988.4	6481.0	7096.3	8497.4	9735.9	10049.5	
85°		6992.2	5656.5	4686.7	5208.2	6164.9	7273.2	7576.4	

**Photometric test report**

**Family**  
Licross® 11 Recessed

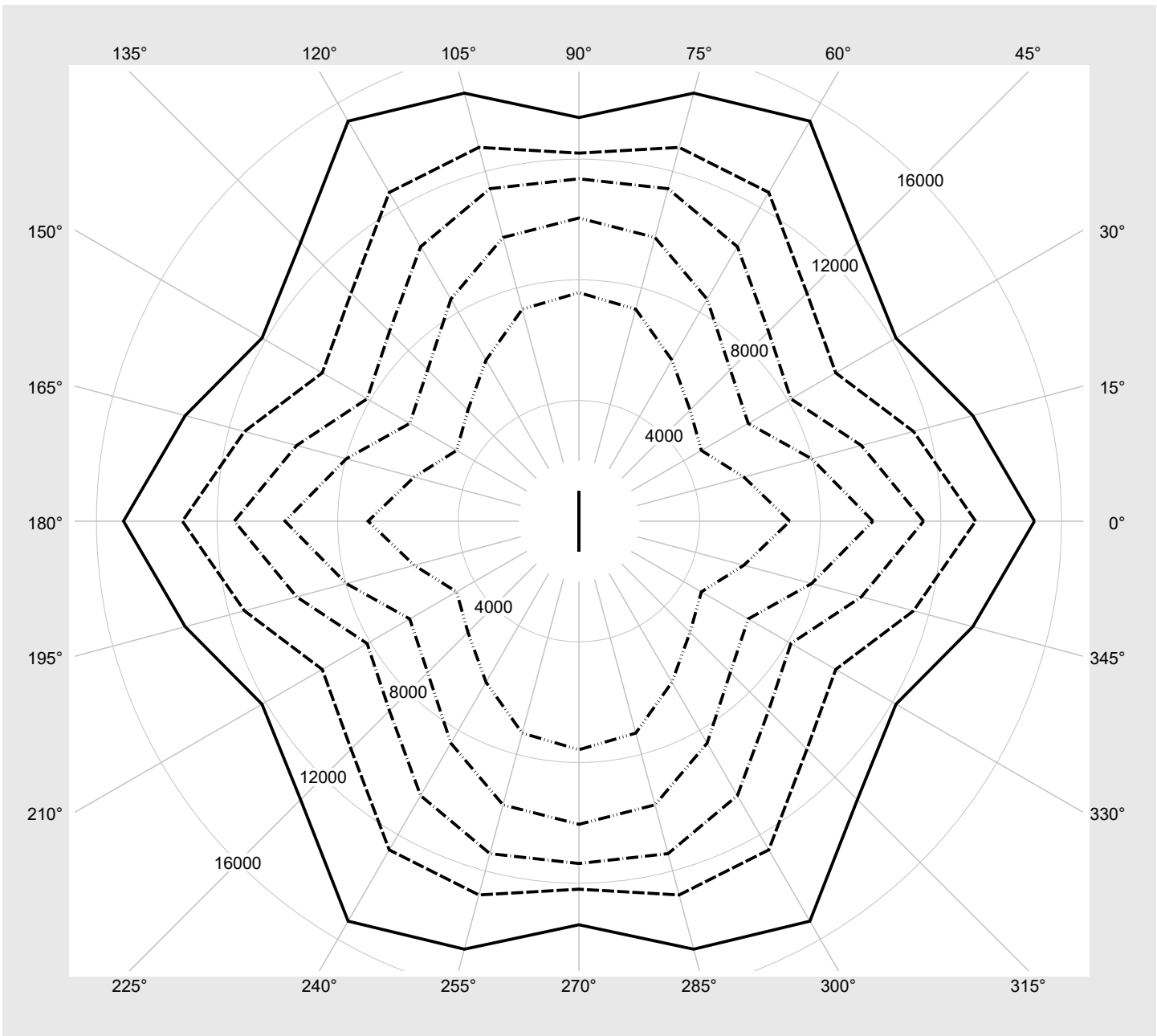
**Order number: 51TL12DN195G**  
**EAN: 4058352015438**

**LP number**  
**58637\_225**

**Luminance values in cd/m<sup>2</sup>**



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



## Photometric test report

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL12DN195G</b> <b>EAN: 4058352015438</b>	<b>LP number</b> <b>58637_225</b>
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<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9910	56.7
95	240	252	9410	53.6
90	226	250	8902	50.4
85	213	248	8428	47.5
80	199	245	7914	44.4
75	186	243	7428	41.5
70	173	240	6942	38.5
65	160	237	6451	35.7
60	147	234	5954	32.8
55	134	231	5450	29.9
50	121	227	4943	27.2
45	109	223	4471	24.6
40	96	218	3953	21.9
35	84	213	3474	19.3
30	72	208	2990	16.9
25	59	201	2458	14.2
20	47	192	1966	11.6
15	35	181	1469	9.1
10	24	168	1009	6.8
5	12	142	501	4.4
2	4	102	162	2.8