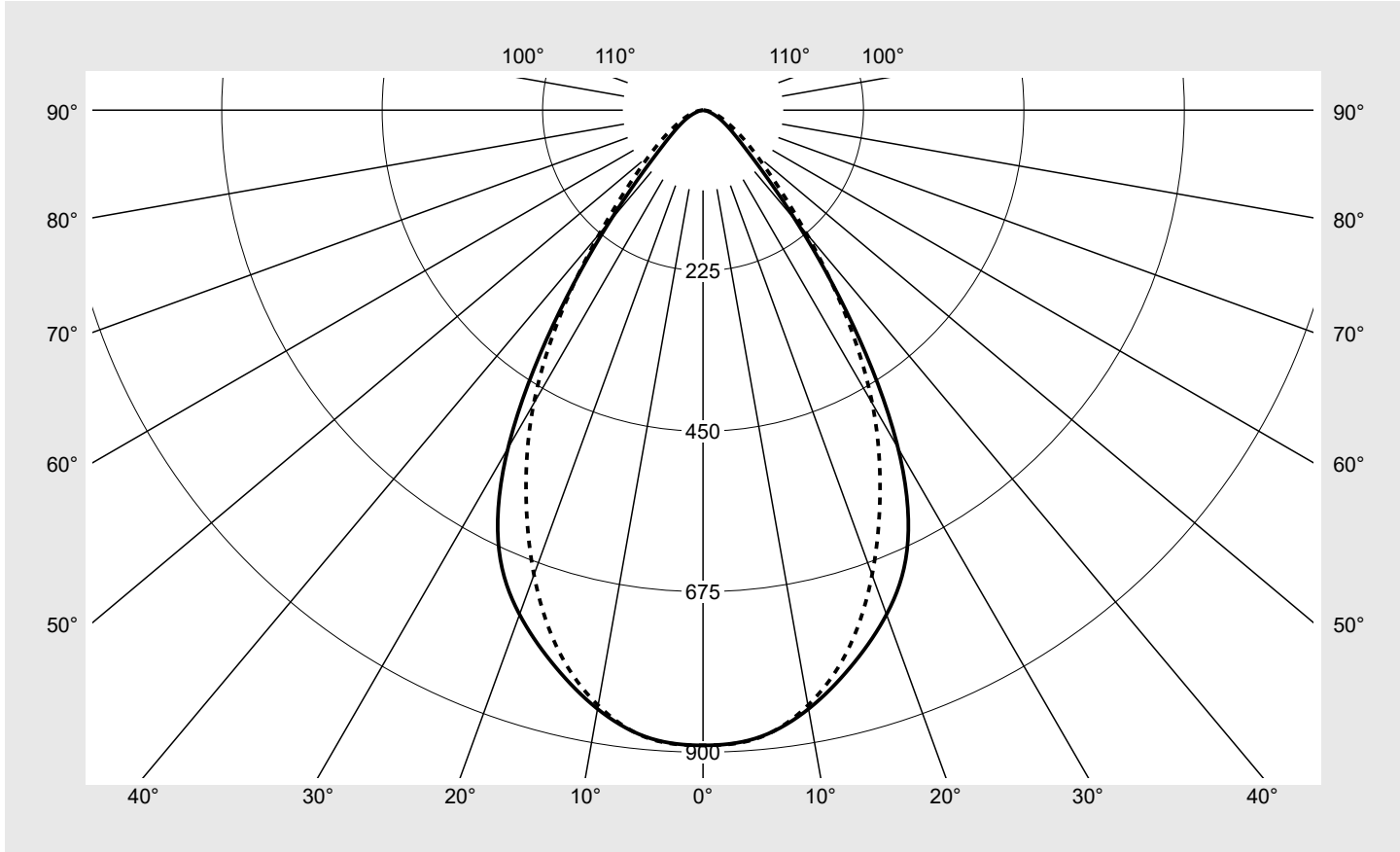


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL18DV6E5G</b> <b>EAN: 4069025217455</b>	<b>LP number</b> <b>58691_203</b>
	<b>Version</b> cover frosted, medium distribution, high visual comfort <b>Lamps</b> LED 6500 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 14560 lm Power consumption = 84.1 W Luminous efficacy = 173.1 lm/W	<b>serial documentation</b> <b>26.08.2024</b>

siteco

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 890 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=83 N2=96 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>51TL18DV6E5G</b> EAN: <b>4069025217455</b>	LP number <b>58691_203</b>
Table of values for luminous intensities		Maximum luminous intensity
		<b>sITeco</b>

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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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	18.9	20.2	19.2	20.5	20.8	19.8	21.1	20.1	21.4	21.7
	3H	19.0	20.2	19.4	20.5	20.9	20.3	21.4	20.6	21.7	22.1
	4H	19.1	20.1	19.5	20.5	20.9	20.5	21.5	20.9	21.9	22.2
	6H	19.1	20.0	19.5	20.4	20.8	20.6	21.5	21.0	21.9	22.3
	8H	19.1	20.0	19.6	20.4	20.8	20.7	21.5	21.1	21.9	22.3
	12H	19.1	19.9	19.6	20.3	20.7	20.7	21.5	21.2	21.9	22.3
4H	2H	19.0	20.1	19.4	20.4	20.8	19.9	20.9	20.3	21.3	21.6
	3H	19.3	20.2	19.7	20.6	21.0	20.5	21.4	20.9	21.8	22.2
	4H	19.4	20.1	19.8	20.6	21.0	20.8	21.6	21.3	22.0	22.5
	6H	19.4	20.1	19.8	20.5	21.0	21.0	21.7	21.5	22.1	22.6
	8H	19.4	20.0	19.9	20.4	20.9	21.1	21.7	21.6	22.1	22.6
	12H	19.4	19.9	19.9	20.4	20.9	21.2	21.7	21.7	22.1	22.6
8H	4H	19.5	20.1	19.9	20.5	21.0	20.8	21.4	21.3	21.9	22.4
	6H	19.5	20.0	20.0	20.5	21.0	21.1	21.6	21.6	22.1	22.6
	8H	19.5	19.9	20.0	20.4	21.0	21.2	21.7	21.7	22.1	22.7
	12H	19.5	19.9	20.1	20.4	20.9	21.3	21.7	21.8	22.2	22.7
12H	4H	19.5	20.0	20.0	20.5	21.0	20.8	21.3	21.3	21.8	22.3
	6H	19.5	19.9	20.1	20.4	21.0	21.1	21.5	21.6	22.0	22.5
	8H	19.6	19.9	20.1	20.4	20.9	21.2	21.6	21.8	22.1	22.6

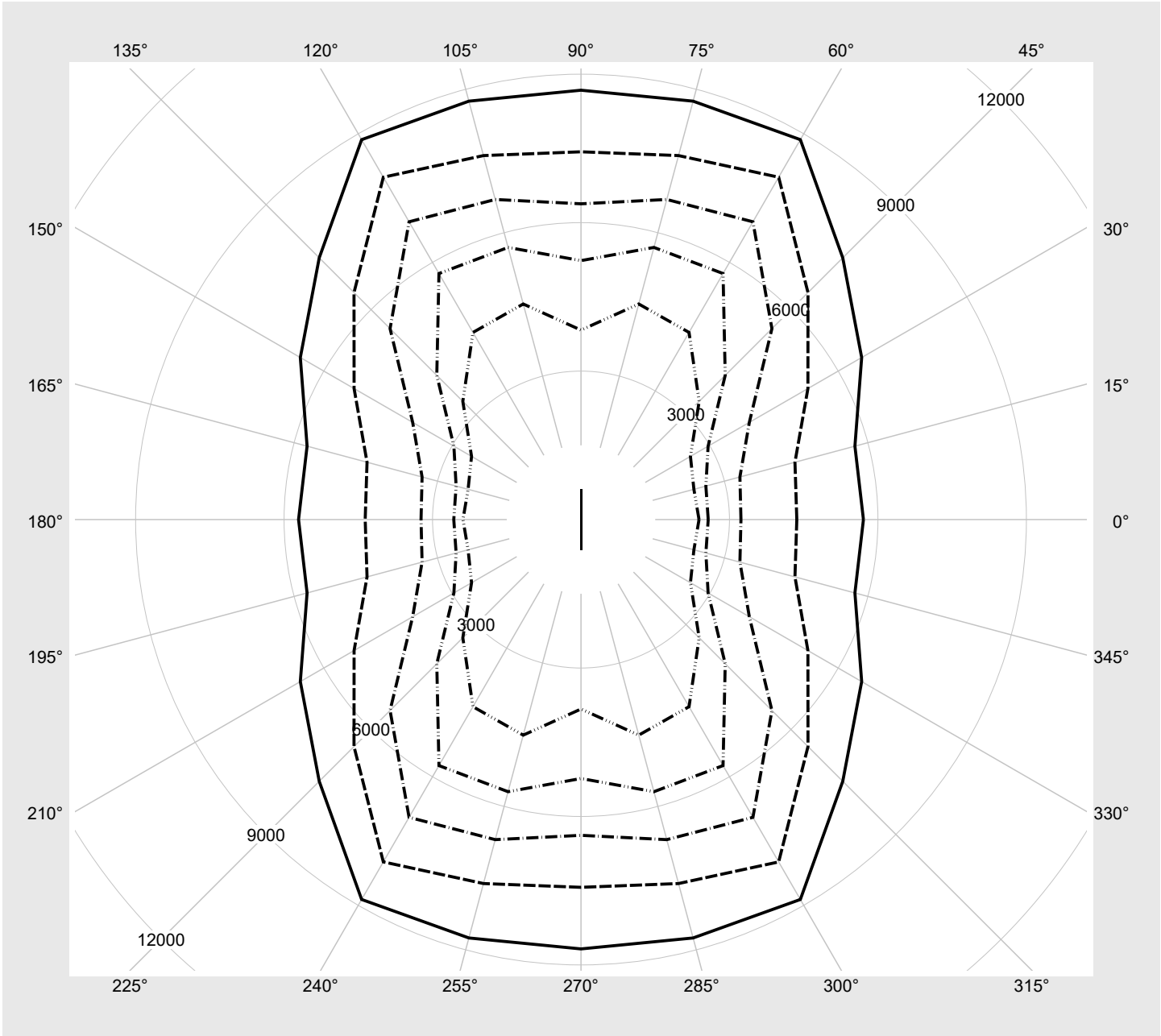
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 2250</b>
			<b>B = 58</b>

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°		17170.8	17045.7	16197.4	16355.1	19553.7	22006.0	22743.1	
50°		11585.3	11473.2	10893.8	11564.5	14568.7	16454.4	16879.8	
55°		8867.5	8813.2	8818.1	9524.6	11837.6	13029.0	13186.8	
60°		7124.9	7089.7	7620.1	8486.8	10078.0	10508.6	10498.8	
65°		5707.1	5730.4	6548.8	7480.2	8864.8	8753.2	8676.3	
70°		4360.8	4475.9	5294.4	6486.7	7988.6	7614.8	7431.7	
75°		3232.2	3324.5	3927.5	5456.1	6948.1	6696.3	6380.8	
80°		2570.7	2612.5	2965.8	4121.1	5740.8	5693.3	5232.6	
85°		2384.9	2361.8	2553.9	3377.0	4366.5	4509.9	3828.9	

**Photometric test report**

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL18DV6E5G</b> <b>EAN: 4069025217455</b>	<b>LP number</b> <b>58691_203</b>
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**Luminance values in cd/m<sup>2</sup>**     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**



## Photometric test report

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL18DV6E5G</b> <b>EAN: 4069025217455</b>	<b>LP number</b> <b>58691_203</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	14560	84.1
95	240	252	13822	79.4
90	227	250	13126	75.1
85	213	248	12373	70.4
80	200	245	11669	66.1
75	186	243	10900	61.4
70	173	240	10184	57.0
65	160	237	9461	52.7
60	147	234	8730	48.5
55	134	231	7989	44.2
50	122	227	7303	40.3
45	109	223	6552	36.2
40	97	219	5850	32.4
35	84	213	5088	28.2
30	72	208	4378	24.5
25	60	201	3659	20.7
20	48	193	2937	16.7
15	36	182	2210	12.7
10	24	168	1476	8.5
5	12	142	732	4.2
2	4	102	236	1.3