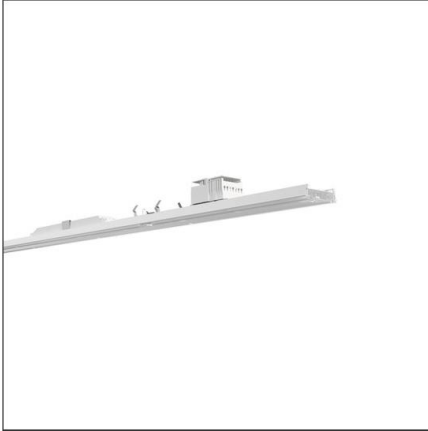


## Photometric test report

**Family**  
**Licross® 11 Recessed**

**Order number: 51TL18DN4C5LE**  
**EAN: 4058352447284**

**LP number**  
**58690\_19**



**Version** cover frosted, wide distribution, high visual comfort  
**Lamps** LED 4000 K | CRI ≥ 80  
**Controlgear** ECG-DALI  
**Rated values** Net luminous flux = 12830 lm  
 Power consumption = 76.0 W  
 Luminous efficacy = 168.8 lm/W

**serial**  
**documentation**  
**05.10.2020**

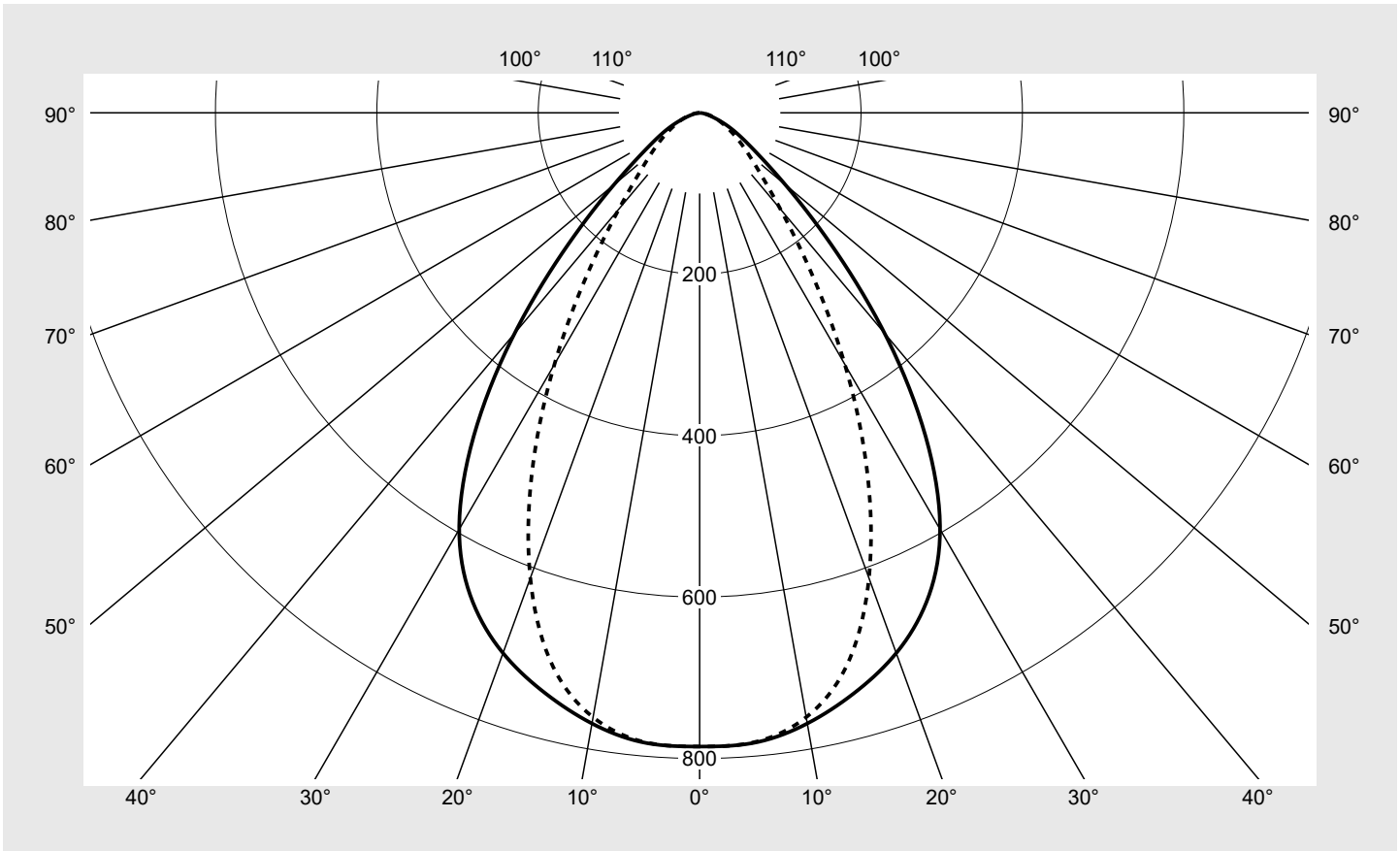
**sitEco**

**Luminous intensity in cd/klm**

**C180-0**

**C270-90**

**Imax: 785 cd/klm**



### Classifications

DIN 5040 A 6 0  
 CIE N1=78 N2=94 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

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL18DN4C5LE</b> <b>EAN: 4058352447284</b>	<b>LP number</b> <b>58690_19</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 γ	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°	785.2	785.2	785.2	785.2	785.2	785.2	785.2	4.7	4.7
5°	783.4	781.4	776.6	779.8	781.8	782.1	782.7	37.3	42.0
10°	768.3	766.7	761.5	762.8	763.5	761.1	760.4	72.7	114.7
15°	743.6	742.7	733.7	728.3	720.6	709.9	707.4	103.1	217.8
20°	712.4	708.4	691.4	669.5	643.5	621.3	613.4	124.9	342.7
25°	666.9	659.0	622.8	576.9	532.3	501.9	491.6	134.0	476.7
30°	595.9	578.6	522.8	456.8	403.1	370.2	359.8	128.3	605.0
35°	487.4	465.5	401.4	331.1	278.9	249.4	240.2	109.5	714.5
40°	356.6	334.8	278.6	220.0	182.5	161.7	155.6	84.2	798.7
45°	229.8	212.6	172.5	137.3	118.7	108.8	106.4	59.3	858.0
50°	138.7	127.9	104.9	89.6	83.6	79.2	78.2	41.5	899.6
55°	86.1	79.8	69.3	65.4	63.7	60.2	58.5	30.7	930.3
60°	57.8	53.9	50.5	51.8	50.6	46.1	43.1	24.0	954.3
65°	38.0	36.1	37.7	39.9	40.1	34.9	31.4	18.5	972.8
70°	21.9	21.5	24.3	28.4	29.8	25.8	22.4	13.0	985.8
75°	11.6	11.4	12.7	17.5	19.8	17.4	14.7	8.1	993.9
80°	5.8	5.7	6.1	8.6	10.9	9.9	8.2	4.3	998.3
85°	2.4	2.3	2.4	3.2	4.0	3.9	3.0	1.7	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

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL18DN4C5LE</b> <b>EAN: 4058352447284</b>	<b>LP number</b> 58690_19
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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	23.9	22.9	24.2	24.6	19.9	21.3	20.3	21.6	21.9
	3H	22.8	24.0	23.2	24.4	24.7	20.6	21.8	21.0	22.2	22.5
	4H	22.9	24.0	23.3	24.3	24.7	20.9	22.0	21.3	22.4	22.7
	6H	22.9	23.9	23.3	24.2	24.6	21.1	22.1	21.5	22.5	22.9
	8H	23.0	23.8	23.4	24.2	24.6	21.2	22.1	21.6	22.5	22.9
	12H	23.0	23.7	23.4	24.1	24.6	21.2	22.0	21.6	22.4	22.8
4H	2H	22.7	23.8	23.1	24.1	24.5	20.4	21.5	20.8	21.8	22.2
	3H	23.0	23.9	23.4	24.3	24.8	21.3	22.2	21.8	22.6	23.0
	4H	23.1	23.9	23.5	24.3	24.8	21.7	22.5	22.2	22.9	23.4
	6H	23.1	23.8	23.6	24.3	24.7	22.0	22.7	22.4	23.1	23.6
	8H	23.1	23.7	23.6	24.2	24.7	22.1	22.7	22.5	23.1	23.6
	12H	23.2	23.7	23.6	24.1	24.6	22.1	22.7	22.6	23.1	23.6
8H	4H	23.1	23.8	23.6	24.2	24.7	21.9	22.5	22.3	22.9	23.4
	6H	23.2	23.7	23.7	24.2	24.7	22.2	22.8	22.7	23.2	23.7
	8H	23.2	23.6	23.7	24.1	24.7	22.4	22.8	22.9	23.3	23.8
	12H	23.2	23.6	23.7	24.1	24.6	22.5	22.8	23.0	23.3	23.9
12H	4H	23.2	23.7	23.6	24.2	24.7	21.9	22.4	22.4	22.9	23.4
	6H	23.2	23.6	23.7	24.1	24.6	22.3	22.7	22.8	23.2	23.7
	8H	23.2	23.6	23.7	24.1	24.6	22.4	22.8	22.9	23.3	23.8

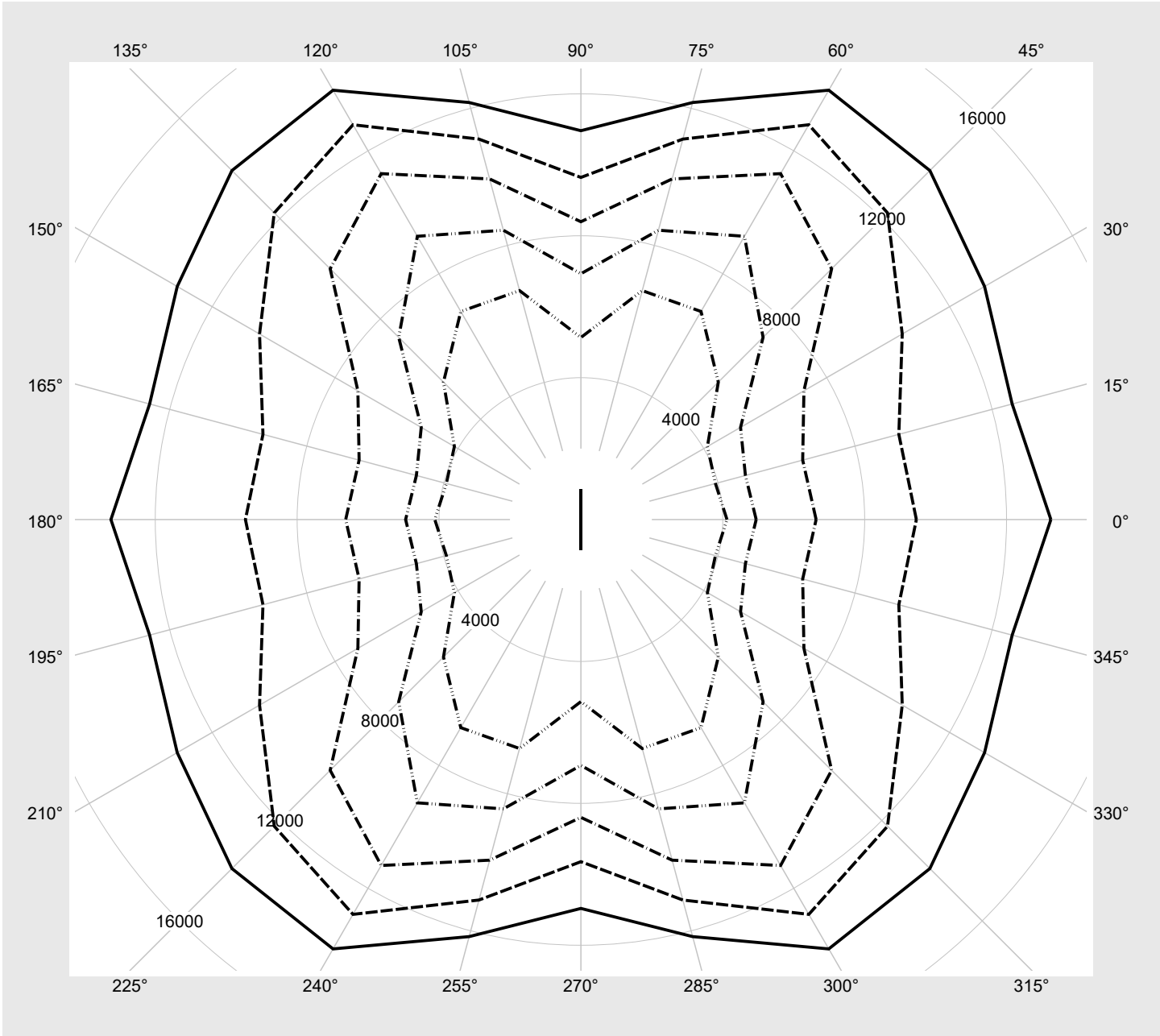
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b> <b>B = 58</b>
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C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°	45°	47928.8	44347.1	35976.5	28626.4	24757.0	22685.7	22199.7	
50°	50°	31815.9	29348.2	24059.3	20559.4	19173.5	18169.7	17931.4	
55°	55°	22141.4	20509.8	17808.9	16827.2	16380.1	15472.3	15043.7	
60°	60°	17050.0	15897.4	14902.6	15263.6	14926.7	13609.8	12709.4	
65°	65°	13249.9	12587.6	13141.0	13913.6	13975.7	12170.9	10961.8	
70°	70°	9457.9	9279.8	10460.8	12225.6	12850.8	11103.2	9644.6	
75°	75°	6631.2	6473.3	7260.2	9996.3	11260.1	9940.5	8395.8	
80°	80°	4941.8	4801.7	5197.4	7263.7	9221.2	8443.3	6929.9	
85°	85°	4118.4	3927.2	4118.4	5478.8	6773.2	6681.9	5132.0	

**Photometric test report**

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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: 51TL18DN4C5LE</b> <b>EAN: 4058352447284</b>	<b>LP number</b> <b>58690_19</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	12830	76.0
95	241	252	12187	71.9
90	227	250	11526	67.6
85	214	248	10913	63.7
80	200	245	10251	59.7
75	187	243	9610	55.7
70	174	240	8967	52.0
65	161	237	8326	48.1
60	148	234	7684	44.3
55	135	231	7042	40.6
50	123	227	6421	37.1
45	110	223	5750	33.4
40	97	219	5108	29.9
35	85	214	4487	26.4
30	73	208	3835	22.9
25	61	202	3216	19.5
20	48	193	2542	16.0
15	37	183	1944	12.8
10	25	169	1293	9.5
5	13	145	672	6.3