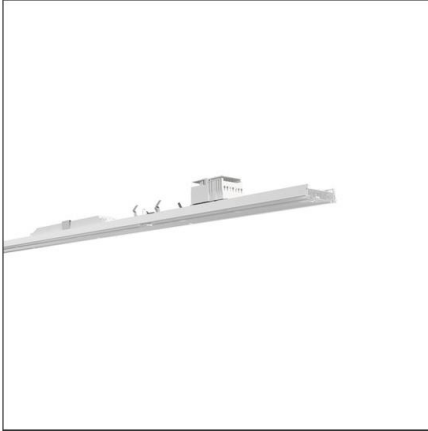


## Photometric test report

**Family**  
**Licross® 11 Recessed**

**Order number: 51TL11CN48XFD**  
**EAN: 4058352418055**

**LP number**  
**58785\_19**



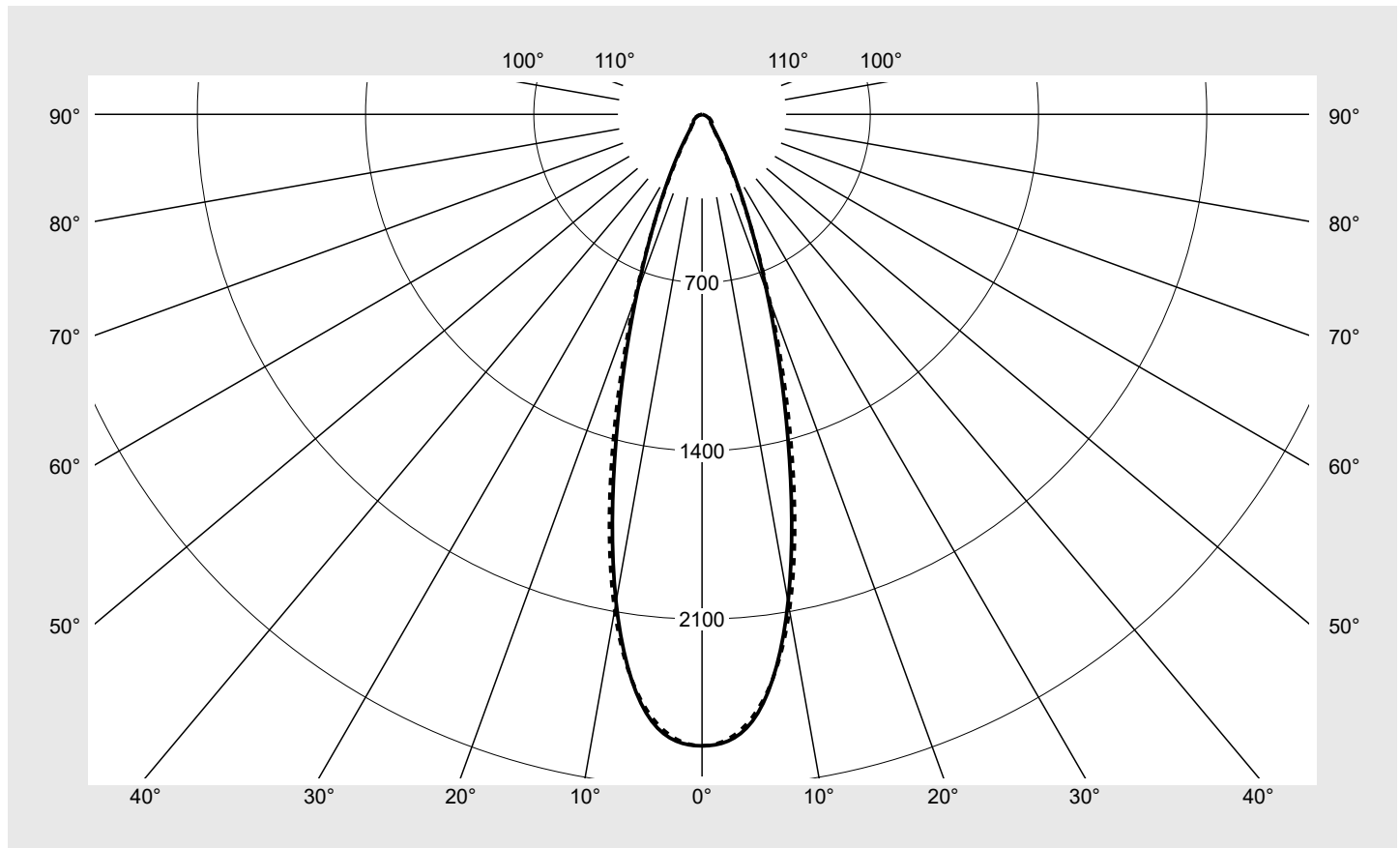
**Version** cover frosted, narrow distribution  
**Lamps** LED 4000 K | CRI ≥ 80  
**Controlgear** ECG-Multilumen CLOi  
**Setting** DC mode (central or group accumulator) initial emergency light level  
**Rated values** Net luminous flux = 3370 lm  
 Power consumption = 22.1 W  
 Luminous efficacy = 152.5 lm/W

**serial**  
**documentation**  
**26.08.2020**

**sitEco**

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

**Imax: 2627 cd/klm**



### Classifications

DIN 5040 A 7 0  
 CIE N1=89 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

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>sITeco</b>

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°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	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

Family <b>Licross® 11 Recessed</b>	Order number: <b>51TL11CN48XFD</b> EAN: <b>4058352418055</b>	LP number <b>58785_19</b>
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UGR-Table	Standard room	<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	11.6	12.7	11.9	13.0	13.3	11.5	12.6	11.9	12.9	13.3
	3H	12.5	13.5	12.9	13.8	14.2	12.9	13.9	13.3	14.2	14.6
	4H	12.7	13.6	13.1	14.0	14.4	13.4	14.3	13.8	14.7	15.1
	6H	12.8	13.6	13.3	14.0	14.4	13.8	14.6	14.2	14.9	15.3
	8H	12.9	13.6	13.4	14.0	14.4	14.0	14.6	14.4	15.0	15.4
	12H	12.9	13.5	13.4	13.9	14.3	14.0	14.6	14.4	15.0	15.4
4H	2H	12.1	13.0	12.5	13.3	13.7	12.0	12.9	12.4	13.3	13.6
	3H	13.2	13.9	13.6	14.3	14.8	13.5	14.3	14.0	14.7	15.1
	4H	13.5	14.2	13.9	14.6	15.0	14.2	14.8	14.6	15.2	15.7
	6H	13.6	14.2	14.1	14.6	15.1	14.6	15.1	15.1	15.6	16.0
	8H	13.7	14.1	14.1	14.6	15.1	14.7	15.2	15.2	15.6	16.1
	12H	13.7	14.1	14.2	14.5	15.0	14.8	15.2	15.3	15.6	16.1
8H	4H	13.7	14.2	14.2	14.7	15.2	14.4	14.8	14.8	15.3	15.8
	6H	13.9	14.3	14.4	14.8	15.3	14.9	15.3	15.4	15.7	16.2
	8H	13.9	14.3	14.5	14.8	15.3	15.0	15.4	15.5	15.8	16.4
	12H	14.0	14.3	14.5	14.8	15.3	15.1	15.4	15.6	15.9	16.4
12H	4H	13.8	14.2	14.3	14.6	15.1	14.4	14.8	14.9	15.2	15.7
	6H	14.0	14.3	14.5	14.8	15.3	14.9	15.2	15.4	15.7	16.2
	8H	14.0	14.3	14.5	14.8	15.3	15.1	15.3	15.6	15.8	16.4

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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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°		2872.6	2764.8	2568.5	2594.5	2649.4	2966.1	3363.2		
50°		2798.0	2688.6	2293.4	2292.1	2306.8	2695.8	3270.2		
55°		2859.0	2850.9	2478.3	2253.5	2183.9	2607.4	3177.9		
60°		2532.1	2547.6	2656.8	2340.8	2167.3	2521.8	2958.9		
65°		2159.1	2183.2	2419.6	2359.0	2200.9	2391.7	2681.3		
70°		1711.2	1763.6	2066.8	2192.6	2111.1	2208.9	2367.7		
75°		1246.7	1304.8	1615.5	1946.1	1933.6	1972.1	2048.1		
80°		881.6	913.0	1121.4	1469.4	1625.7	1598.5	1612.1		
85°		719.1	729.3	851.1	1103.5	1166.2	1193.3	1093.8		

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

