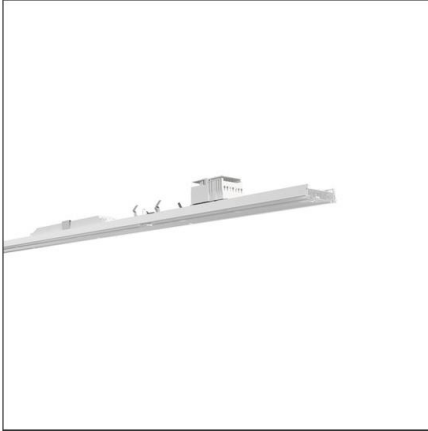


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL18CN4CXLD
EAN: 4058352418277

LP number
58690_16



Version cover frosted, wide distribution, high visual comfort

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 = 21.5 W
Luminous efficacy = 156.7 lm/W

serial
documentation
26.08.2020

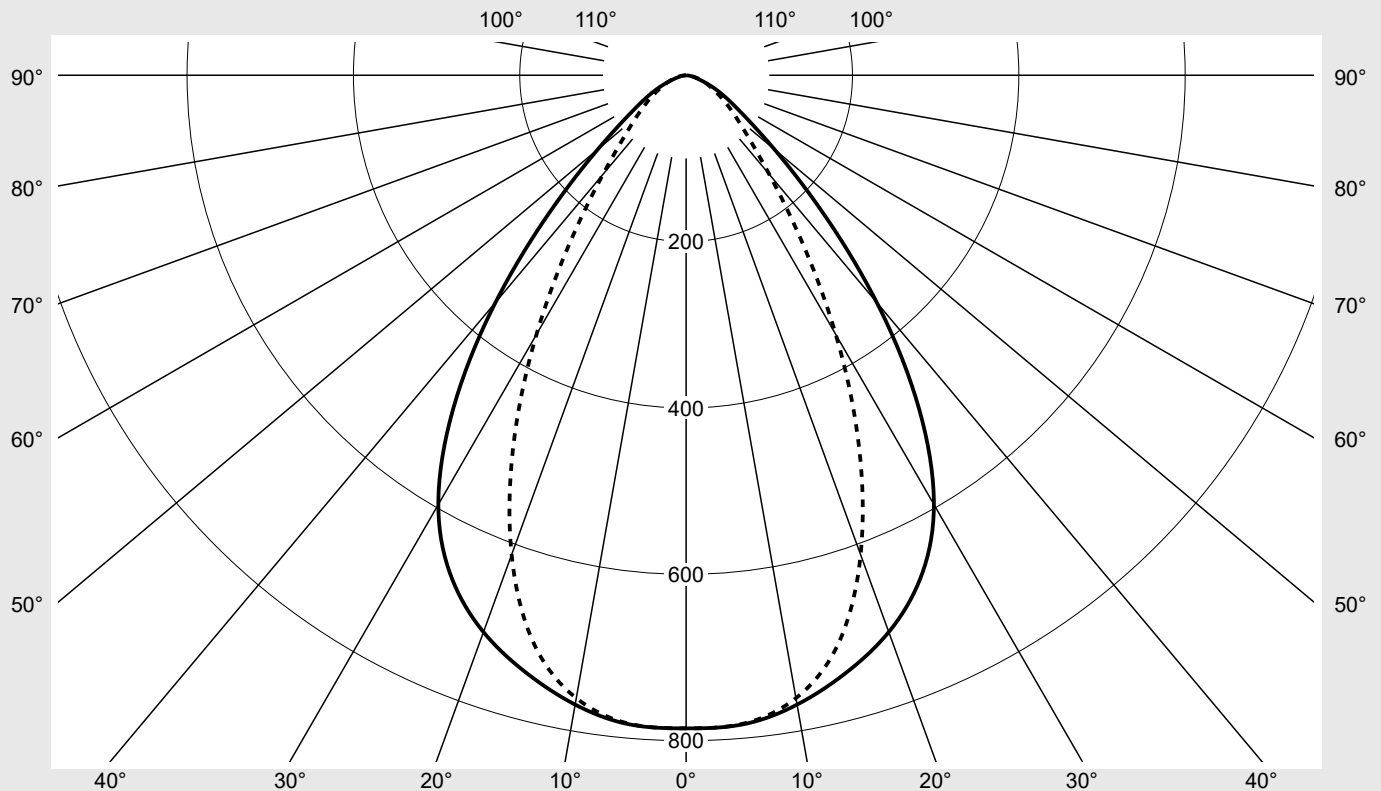
sitEco

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

η_{LB} 100.0%
 ϕ_u 100.0%
 ϕ_o 0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18CN4CXLD EAN: 4058352418277	LP number 58690_16
---------------------------------------	---	-------------------------------------

sITeco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

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

Family Licross® 11 Recessed	Order number: 51TL18CN4CXLD EAN: 4058352418277	LP number 58690_16
---------------------------------------	---	------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	17.9	19.3	18.3	19.6	19.9	15.3	16.7	15.7	17.0	17.3
	3H	18.2	19.4	18.6	19.7	20.1	16.0	17.2	16.4	17.5	17.9
	4H	18.2	19.3	18.6	19.7	20.1	16.2	17.4	16.6	17.7	18.1
	6H	18.2	19.2	18.7	19.6	20.0	16.4	17.4	16.8	17.8	18.2
	8H	18.3	19.2	18.8	19.6	20.0	16.5	17.4	16.9	17.8	18.2
	12H	18.3	19.1	18.8	19.5	19.9	16.5	17.4	17.0	17.8	18.2
4H	2H	18.0	19.1	18.4	19.5	19.9	15.8	16.9	16.2	17.2	17.6
	3H	18.4	19.3	18.8	19.7	20.1	16.7	17.6	17.1	18.0	18.4
	4H	18.4	19.3	18.9	19.7	20.1	17.1	17.9	17.5	18.3	18.7
	6H	18.5	19.2	18.9	19.6	20.1	17.3	18.0	17.8	18.5	18.9
	8H	18.5	19.1	19.0	19.6	20.0	17.4	18.1	17.9	18.5	19.0
	12H	18.5	19.0	19.0	19.5	20.0	17.5	18.0	18.0	18.5	19.0
8H	4H	18.5	19.1	19.0	19.6	20.1	17.2	17.8	17.7	18.3	18.8
	6H	18.5	19.1	19.0	19.5	20.0	17.6	18.1	18.1	18.6	19.1
	8H	18.5	19.0	19.0	19.5	20.0	17.7	18.2	18.2	18.7	19.2
	12H	18.6	18.9	19.1	19.4	20.0	17.8	18.2	18.3	18.7	19.2
12H	4H	18.5	19.1	19.0	19.5	20.0	17.2	17.8	17.7	18.2	18.7
	6H	18.6	19.0	19.1	19.5	20.0	17.6	18.0	18.1	18.5	19.1
	8H	18.6	18.9	19.1	19.4	20.0	17.8	18.1	18.3	18.6	19.2

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

C-planes	γ	Luminance in 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°		12589.3	11648.5	9449.8	7519.2	6502.8	5958.7	5831.1	
50°		8356.9	7708.8	6319.5	5400.3	5036.2	4772.6	4710.0	
55°		5815.8	5387.2	4677.8	4419.9	4302.5	4064.0	3951.5	
60°		4478.5	4175.7	3914.4	4009.2	3920.7	3574.8	3338.3	
65°		3480.3	3306.3	3451.7	3654.6	3670.9	3196.9	2879.3	
70°		2484.3	2437.5	2747.7	3211.2	3375.5	2916.4	2533.3	
75°		1741.8	1700.3	1907.0	2625.7	2957.6	2611.0	2205.3	
80°		1298.0	1261.2	1365.2	1907.9	2422.1	2217.8	1820.2	
85°		1081.8	1031.5	1081.8	1439.1	1779.1	1755.1	1348.0	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18CN4CXLD EAN: 4058352418277	LP number 58690_16
--	---	-------------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

