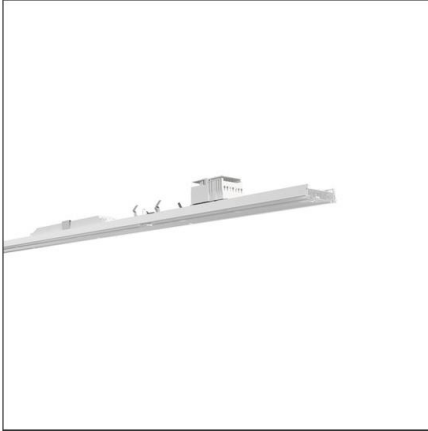


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12CN48XFD
EAN: 4058352418130

LP number
58637_31



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

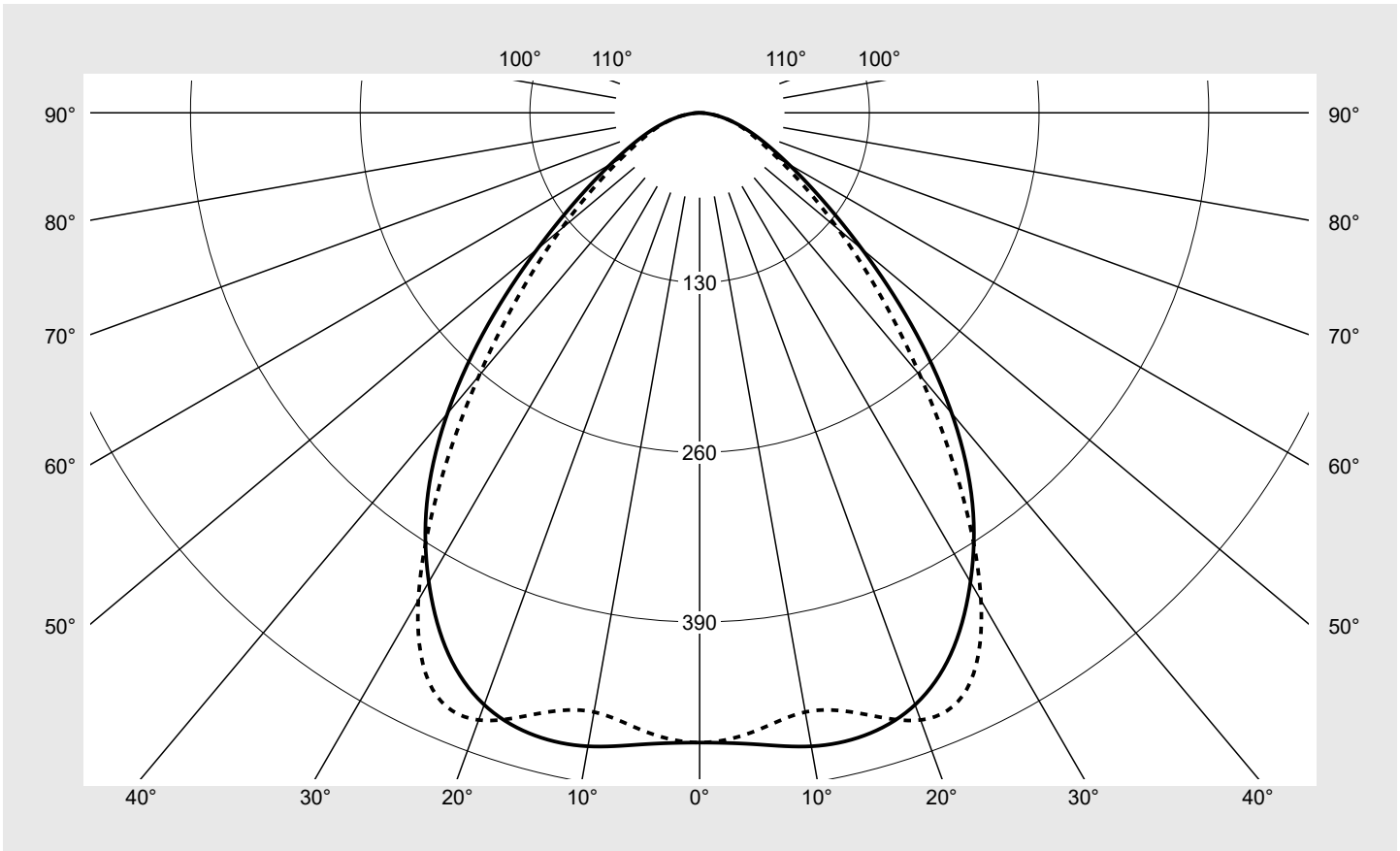
Rated values
Net luminous flux = 3410 lm
Power consumption = 22.1 W
Luminous efficacy = 154.3 lm/W

serial
documentation
26.08.2020

sITeco

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

η_{LB} 100.0%
 ϕ_u 100.0%
 ϕ_o 0.0%

Measurement conditions

DIN EN 13032 and DIN 5032

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Table of values for luminous intensities		Maximum luminous intensity
		

C-planes	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°			
γ									
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

Family Licross® 11 Recessed	Order number: 51TL12CN48XFD EAN: 4058352418130	LP number 58637_31
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UGR-Table	Standard room	siteco
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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	20.4	19.2	20.7	21.0	19.0	20.5	19.3	20.8	21.1
	3H	19.4	20.7	19.8	21.1	21.4	19.5	20.9	19.9	21.2	21.5
	4H	19.6	20.9	20.0	21.2	21.6	19.8	21.0	20.2	21.4	21.7
	6H	19.8	20.9	20.2	21.3	21.7	20.0	21.1	20.4	21.5	21.9
	8H	19.9	20.9	20.3	21.3	21.7	20.1	21.1	20.5	21.5	21.9
	12H	19.9	20.9	20.4	21.3	21.7	20.1	21.1	20.5	21.5	21.9
4H	2H	19.1	20.3	19.5	20.7	21.1	19.2	20.4	19.6	20.8	21.2
	3H	19.7	20.7	20.1	21.1	21.5	19.9	20.9	20.3	21.3	21.7
	4H	20.0	20.9	20.4	21.3	21.8	20.3	21.2	20.7	21.6	22.0
	6H	20.2	21.0	20.7	21.4	21.9	20.5	21.3	21.0	21.8	22.2
	8H	20.3	21.0	20.8	21.5	21.9	20.6	21.3	21.1	21.8	22.3
	12H	20.4	21.0	20.9	21.4	21.9	20.7	21.3	21.2	21.8	22.3
8H	4H	20.1	20.8	20.5	21.2	21.7	20.3	21.0	20.8	21.5	21.9
	6H	20.3	20.9	20.8	21.4	21.9	20.6	21.2	21.1	21.7	22.2
	8H	20.4	20.9	20.9	21.4	21.9	20.8	21.3	21.3	21.8	22.3
	12H	20.5	20.9	21.0	21.4	22.0	20.9	21.3	21.4	21.8	22.3
12H	4H	20.1	20.7	20.6	21.2	21.7	20.3	20.9	20.8	21.4	21.9
	6H	20.3	20.8	20.9	21.3	21.8	20.7	21.1	21.2	21.6	22.2
	8H	20.4	20.9	21.0	21.4	21.9	20.8	21.2	21.3	21.7	22.3

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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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°		12702.1	12544.2	13220.7	14400.2	13700.5	11742.4	10717.7	
50°		9896.7	9716.1	9854.0	10588.0	10642.5	9465.8	8445.8	
55°		7686.5	7379.2	7182.7	7677.0	8312.4	7581.5	6640.7	
60°		6170.1	5733.6	5356.0	5733.0	6557.8	6064.8	5365.9	
65°		5196.8	4652.0	4176.2	4492.2	5268.6	5054.5	4603.8	
70°		4525.1	3951.6	3382.6	3678.3	4329.9	4414.0	4198.0	
75°		3932.1	3335.3	2791.5	3058.3	3614.6	3926.2	3905.0	
80°		3354.6	2748.8	2230.1	2441.8	2923.9	3350.1	3458.0	
85°		2406.0	1946.4	1612.7	1792.1	2121.3	2502.7	2607.0	

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Luminance values in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°

