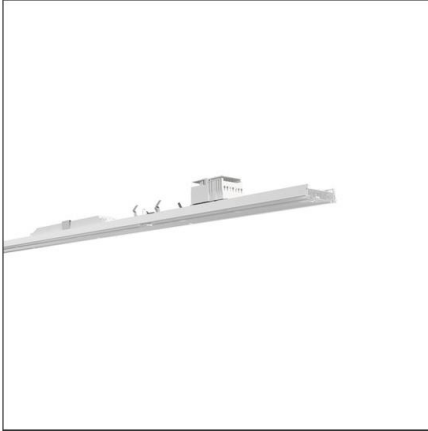


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DN49XF3S
EAN: 4058352485248

LP number
58637_63



Version cover frosted, wide distribution, high visual comfort

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG-DALI

Setting emergency light operation: 3 h

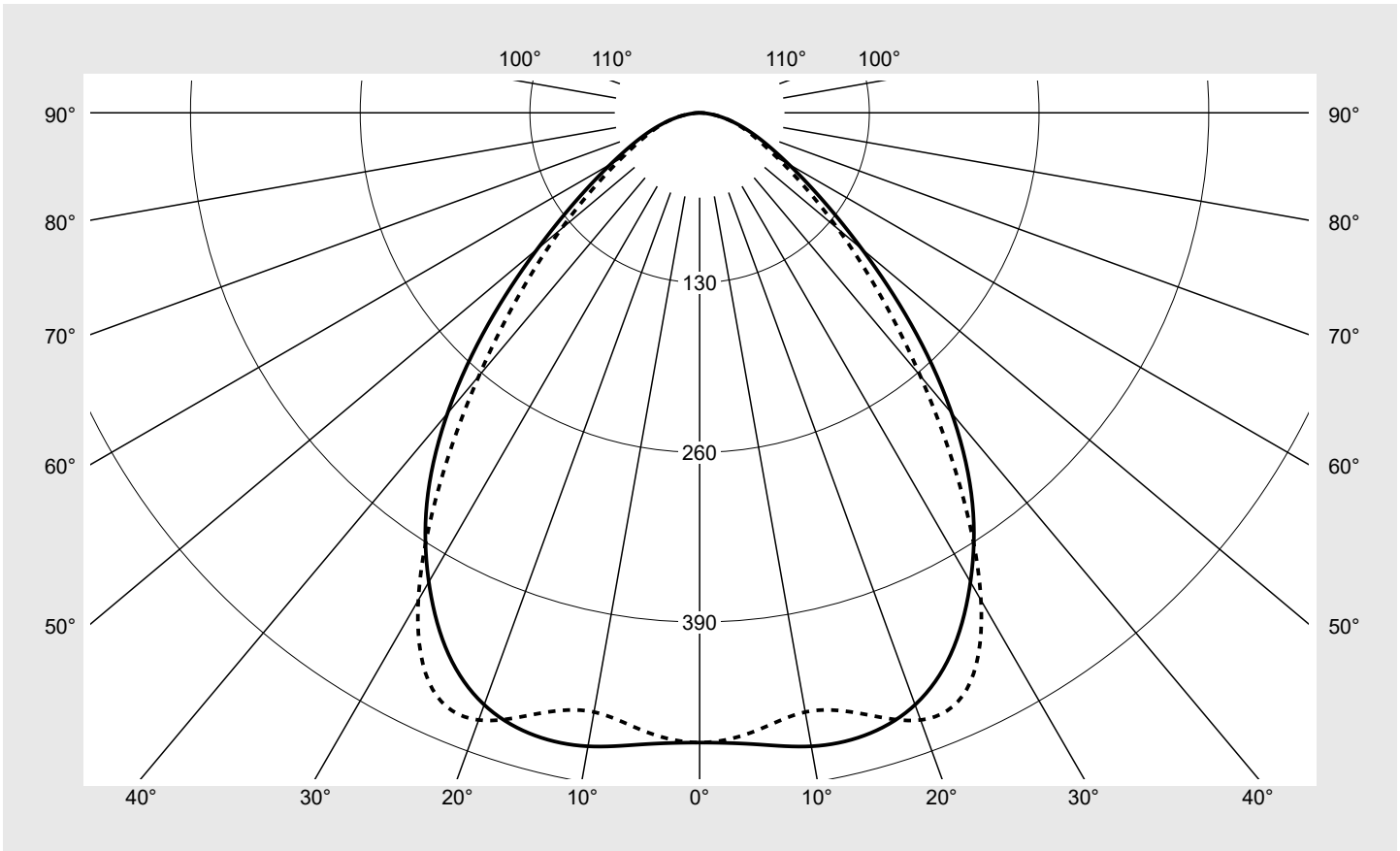
Rated values Net luminous flux = 890 lm
Power consumption = 5.0 W
Luminous efficacy = 178 lm/W

serial
documentation
04.05.2021

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
		sITeco

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°	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: 51TL12DN49XF3S EAN: 4058352485248	LP number 58637_63
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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	14.2	15.7	14.6	16.0	16.3	14.3	15.8	14.7	16.1	16.4
	3H	14.7	16.1	15.1	16.4	16.8	14.9	16.2	15.2	16.5	16.9
	4H	15.0	16.2	15.4	16.5	16.9	15.1	16.3	15.5	16.7	17.1
	6H	15.1	16.3	15.5	16.6	17.0	15.3	16.4	15.7	16.8	17.2
	8H	15.2	16.3	15.7	16.6	17.0	15.4	16.4	15.8	16.8	17.2
	12H	15.3	16.2	15.7	16.6	17.0	15.4	16.4	15.9	16.8	17.2
4H	2H	14.4	15.7	14.8	16.0	16.4	14.5	15.8	14.9	16.1	16.5
	3H	15.1	16.1	15.5	16.5	16.9	15.2	16.3	15.7	16.7	17.1
	4H	15.3	16.2	15.8	16.7	17.1	15.6	16.5	16.0	16.9	17.3
	6H	15.6	16.3	16.0	16.8	17.2	15.9	16.7	16.3	17.1	17.5
	8H	15.6	16.4	16.1	16.8	17.3	16.0	16.7	16.4	17.1	17.6
	12H	15.7	16.3	16.2	16.8	17.3	16.0	16.7	16.5	17.1	17.6
8H	4H	15.4	16.1	15.9	16.6	17.0	15.6	16.3	16.1	16.8	17.3
	6H	15.7	16.2	16.2	16.7	17.2	16.0	16.6	16.5	17.0	17.5
	8H	15.7	16.3	16.3	16.8	17.3	16.1	16.6	16.6	17.1	17.6
	12H	15.8	16.3	16.3	16.8	17.3	16.2	16.6	16.7	17.1	17.7
12H	4H	15.4	16.0	15.9	16.5	17.0	15.6	16.3	16.1	16.7	17.2
	6H	15.7	16.2	16.2	16.7	17.2	16.0	16.5	16.5	17.0	17.5
	8H	15.8	16.2	16.3	16.7	17.2	16.1	16.6	16.6	17.1	17.6

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°		3315.2	3274.0	3450.6	3758.4	3575.8	3064.7	2797.3	
50°		2583.0	2535.9	2571.9	2763.4	2777.7	2470.5	2204.3	
55°		2006.1	1926.0	1874.7	2003.7	2169.5	1978.8	1733.2	
60°		1610.4	1496.4	1397.9	1496.3	1711.6	1582.9	1400.5	
65°		1356.4	1214.1	1090.0	1172.4	1375.1	1319.2	1201.6	
70°		1181.0	1031.4	882.9	960.0	1130.1	1152.1	1095.7	
75°		1026.3	870.5	728.6	798.2	943.4	1024.7	1019.2	
80°		875.5	717.4	582.0	637.3	763.1	874.4	902.5	
85°		628.0	508.0	420.9	467.7	553.7	653.2	680.4	

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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco

