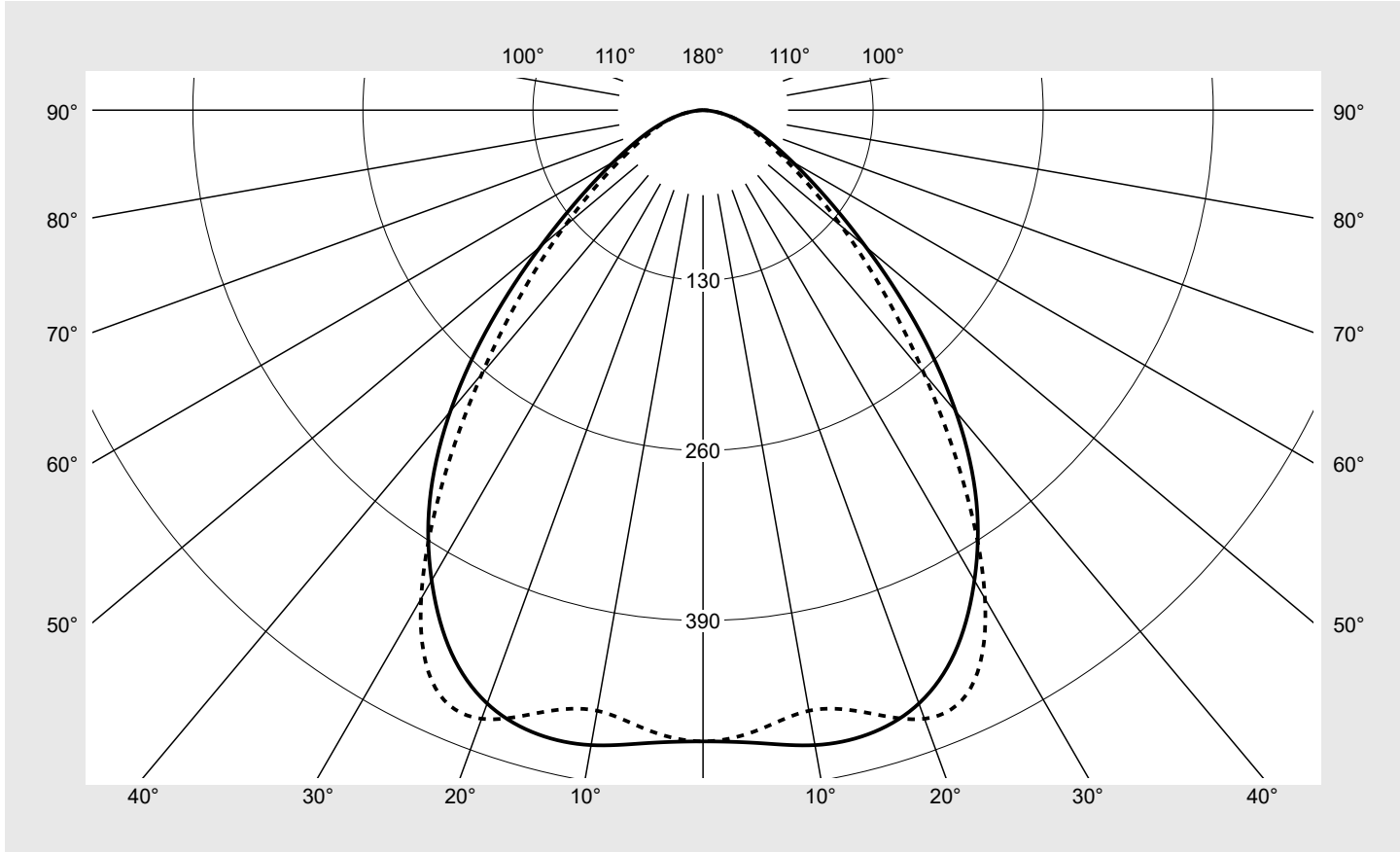


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN44XG EAN: 4058352918371	LP number 58637_273
	Version cover frosted, wide distribution, high visual comfort, Power consumption at end of life 24,1W Lamps LED 4000 K CRI ≥ 80 Controlgear ECG CLOi Rated values Net luminous flux = 4300 lm Power consumption = 21.9 W Luminous efficacy = 196.3 lm/W	serial documentation 14.11.2025 

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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN44XG EAN: 4058352918371	LP number 58637_273
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: 51TL12CN44XG EAN: 4058352918371	LP number 58637_273
---------------------------------------	--	-------------------------------

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	19.7	21.2	20.0	21.5	21.8	19.8	21.3	20.1	21.6	21.9
	3H	20.2	21.5	20.6	21.9	22.2	20.3	21.7	20.7	22.0	22.3
	4H	20.4	21.7	20.8	22.0	22.4	20.6	21.8	21.0	22.2	22.5
	6H	20.6	21.7	21.0	22.1	22.5	20.8	21.9	21.2	22.3	22.7
	8H	20.7	21.7	21.1	22.1	22.5	20.9	21.9	21.3	22.3	22.7
	12H	20.7	21.7	21.2	22.1	22.5	20.9	21.9	21.3	22.3	22.7
4H	2H	19.9	21.1	20.3	21.5	21.9	20.0	21.2	20.4	21.6	22.0
	3H	20.5	21.6	21.0	21.9	22.4	20.7	21.7	21.1	22.1	22.5
	4H	20.8	21.7	21.2	22.1	22.6	21.1	22.0	21.5	22.4	22.8
	6H	21.0	21.8	21.5	22.3	22.7	21.3	22.1	21.8	22.6	23.0
	8H	21.1	21.8	21.6	22.3	22.8	21.4	22.1	21.9	22.6	23.1
	12H	21.2	21.8	21.7	22.3	22.7	21.5	22.1	22.0	22.6	23.1
8H	4H	20.9	21.6	21.3	22.0	22.5	21.1	21.8	21.6	22.3	22.7
	6H	21.1	21.7	21.6	22.2	22.7	21.5	22.0	21.9	22.5	23.0
	8H	21.2	21.7	21.7	22.2	22.8	21.6	22.1	22.1	22.6	23.1
	12H	21.3	21.7	21.8	22.2	22.8	21.7	22.1	22.2	22.6	23.1
12H	4H	20.9	21.5	21.4	22.0	22.5	21.1	21.7	21.6	22.2	22.7
	6H	21.2	21.6	21.7	22.1	22.7	21.5	22.0	22.0	22.4	23.0
	8H	21.3	21.7	21.8	22.2	22.7	21.6	22.0	22.1	22.5	23.1

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°		16017.3	15818.2	16671.2	18158.6	17276.3	14807.2	13515.0	
50°		12479.7	12252.0	12425.9	13351.4	13420.1	11936.3	10650.2	
55°		9692.6	9305.2	9057.4	9680.6	10481.9	9560.3	8373.9	
60°		7780.5	7230.0	6753.9	7229.2	8269.3	7647.7	6766.3	
65°		6553.2	5866.1	5266.2	5664.6	6643.7	6373.7	5805.4	
70°		5706.1	4983.0	4265.5	4638.3	5460.0	5566.1	5293.7	
75°		4958.4	4205.8	3520.1	3856.5	4557.9	4950.9	4924.2	
80°		4230.2	3466.2	2812.1	3079.1	3687.1	4224.5	4360.5	
85°		3033.9	2454.4	2033.6	2259.9	2675.0	3155.9	3287.4	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN44XG EAN: 4058352918371	LP number 58637_273
--	--	--------------------------------------

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

