

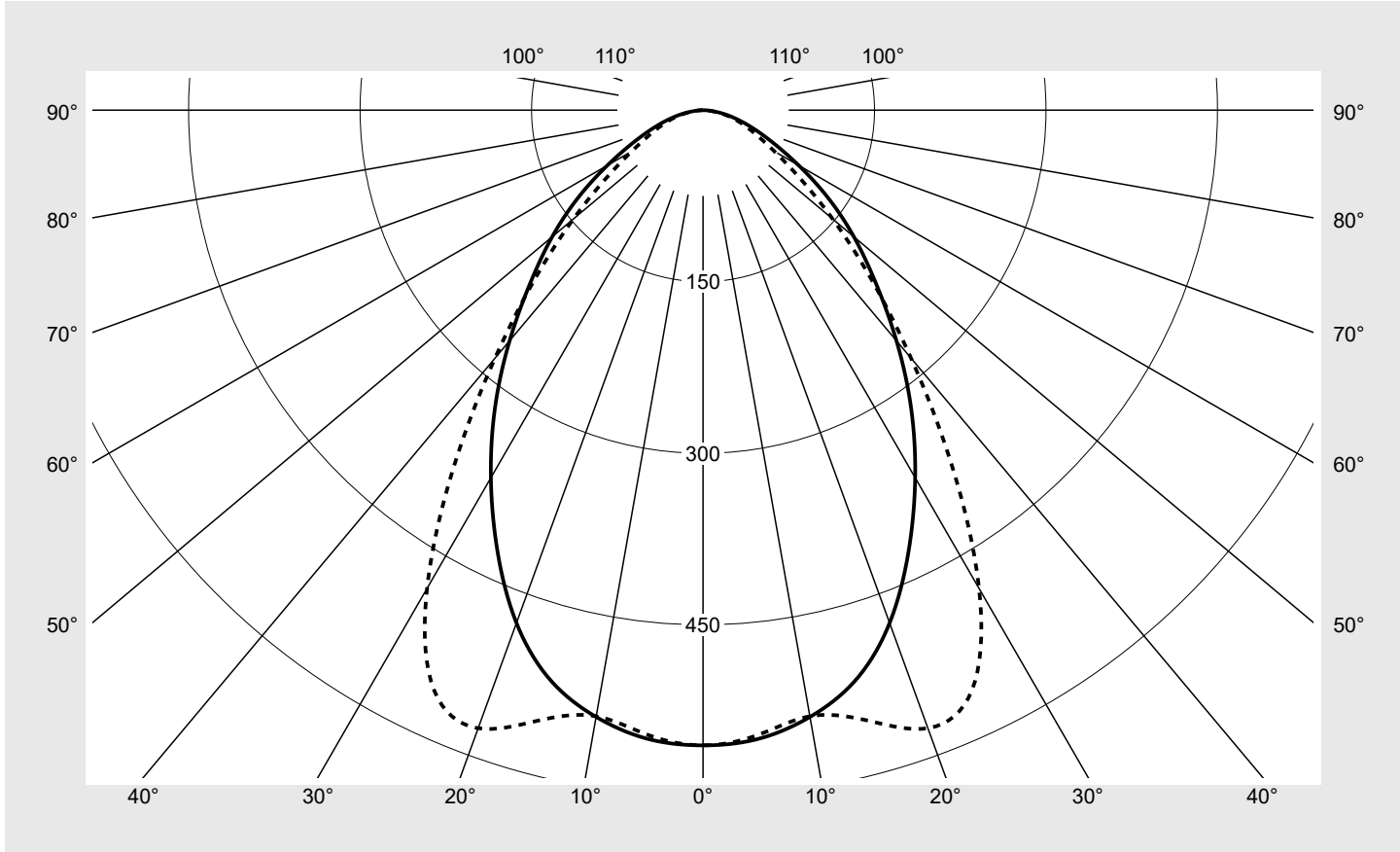


Photometric test report

Family Licross® 21 Recessed	Order number: 51TL12DN4GXLD EAN: 4058352530566	LP number 58689_54										
	<table border="0"> <tr> <td>Version</td> <td>cover frosted, wide distribution, high visual comfort</td> </tr> <tr> <td>Lamps</td> <td>LED 4000 K CRI ≥ 80</td> </tr> <tr> <td>Controlgear</td> <td>ECG-DALI</td> </tr> <tr> <td>Setting</td> <td>DC mode (central or group accumulator) initial emergency light level</td> </tr> <tr> <td>Rated values</td> <td> Net luminous flux = 2460 lm Power consumption = 15.5 W Luminous efficacy = 158.7 lm/W </td> </tr> </table>	Version	cover frosted, wide distribution, high visual comfort	Lamps	LED 4000 K CRI ≥ 80	Controlgear	ECG-DALI	Setting	DC mode (central or group accumulator) initial emergency light level	Rated values	Net luminous flux = 2460 lm Power consumption = 15.5 W Luminous efficacy = 158.7 lm/W	serial documentation 29.07.2021 
Version	cover frosted, wide distribution, high visual comfort											
Lamps	LED 4000 K CRI ≥ 80											
Controlgear	ECG-DALI											
Setting	DC mode (central or group accumulator) initial emergency light level											
Rated values	Net luminous flux = 2460 lm Power consumption = 15.5 W Luminous efficacy = 158.7 lm/W											

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 575 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 N3=98 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® 21 Recessed	Order number: 51TL12DN4GXLD EAN: 4058352530566	LP number 58689_54
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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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® 21 Recessed	Order number: 51TL12DN4GXLD EAN: 4058352530566	LP number 58689_54
---------------------------------------	---	------------------------------

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	18.0	19.5	18.4	19.8	20.1	17.5	19.0	17.8	19.3	19.6
	3H	18.7	20.1	19.1	20.4	20.8	18.1	19.4	18.4	19.7	20.1
	4H	19.0	20.3	19.4	20.6	21.0	18.3	19.6	18.7	19.9	20.3
	6H	19.2	20.4	19.7	20.7	21.1	18.5	19.7	18.9	20.0	20.4
	8H	19.4	20.4	19.8	20.8	21.2	18.7	19.7	19.1	20.1	20.5
	12H	19.4	20.4	19.8	20.8	21.2	18.7	19.6	19.1	20.0	20.5
4H	2H	18.3	19.6	18.7	19.9	20.3	17.9	19.1	18.3	19.5	19.9
	3H	19.2	20.2	19.6	20.6	21.0	18.7	19.7	19.1	20.1	20.5
	4H	19.5	20.4	20.0	20.8	21.3	19.0	20.0	19.5	20.4	20.8
	6H	19.8	20.6	20.3	21.0	21.5	19.3	20.1	19.8	20.5	21.0
	8H	19.9	20.6	20.4	21.1	21.5	19.4	20.1	19.9	20.6	21.0
	12H	20.0	20.6	20.5	21.1	21.6	19.5	20.1	20.0	20.6	21.1
8H	4H	19.6	20.3	20.1	20.8	21.2	19.2	19.9	19.6	20.3	20.8
	6H	19.9	20.5	20.4	21.0	21.5	19.5	20.1	20.0	20.6	21.1
	8H	20.0	20.6	20.5	21.1	21.6	19.6	20.2	20.1	20.6	21.2
	12H	20.1	20.6	20.7	21.1	21.6	19.7	20.2	20.3	20.7	21.2
12H	4H	19.6	20.2	20.1	20.7	21.2	19.2	19.8	19.7	20.2	20.7
	6H	20.0	20.4	20.5	20.9	21.5	19.5	20.0	20.0	20.5	21.0
	8H	20.1	20.5	20.6	21.0	21.5	19.7	20.1	20.2	20.6	21.1

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°		8545.7	8157.1	9199.7	9215.8	8110.2	8004.6	8278.8	
50°		7578.1	7049.0	7795.8	7770.0	6581.2	6303.7	6510.2	
55°		6572.7	5992.5	6229.2	6363.0	5510.2	4980.5	5077.7	
60°		5467.0	4969.6	4819.8	5099.8	4701.3	4015.7	4075.2	
65°		4528.4	4083.2	3768.6	4085.6	4049.5	3401.6	3483.3	
70°		3876.1	3451.1	3018.5	3325.3	3481.4	3011.2	3150.3	
75°		3379.5	2913.6	2465.8	2726.1	2958.0	2694.9	2903.5	
80°		2893.6	2403.9	1950.1	2141.1	2386.5	2302.3	2541.2	
85°		2139.0	1752.2	1425.2	1547.9	1712.0	1741.5	1905.7	

Photometric test report

Family Licross® 21 Recessed	Order number: 51TL12DN4GXLD EAN: 4058352530566	LP number 58689_54
---------------------------------------	---	-------------------------------------



Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

