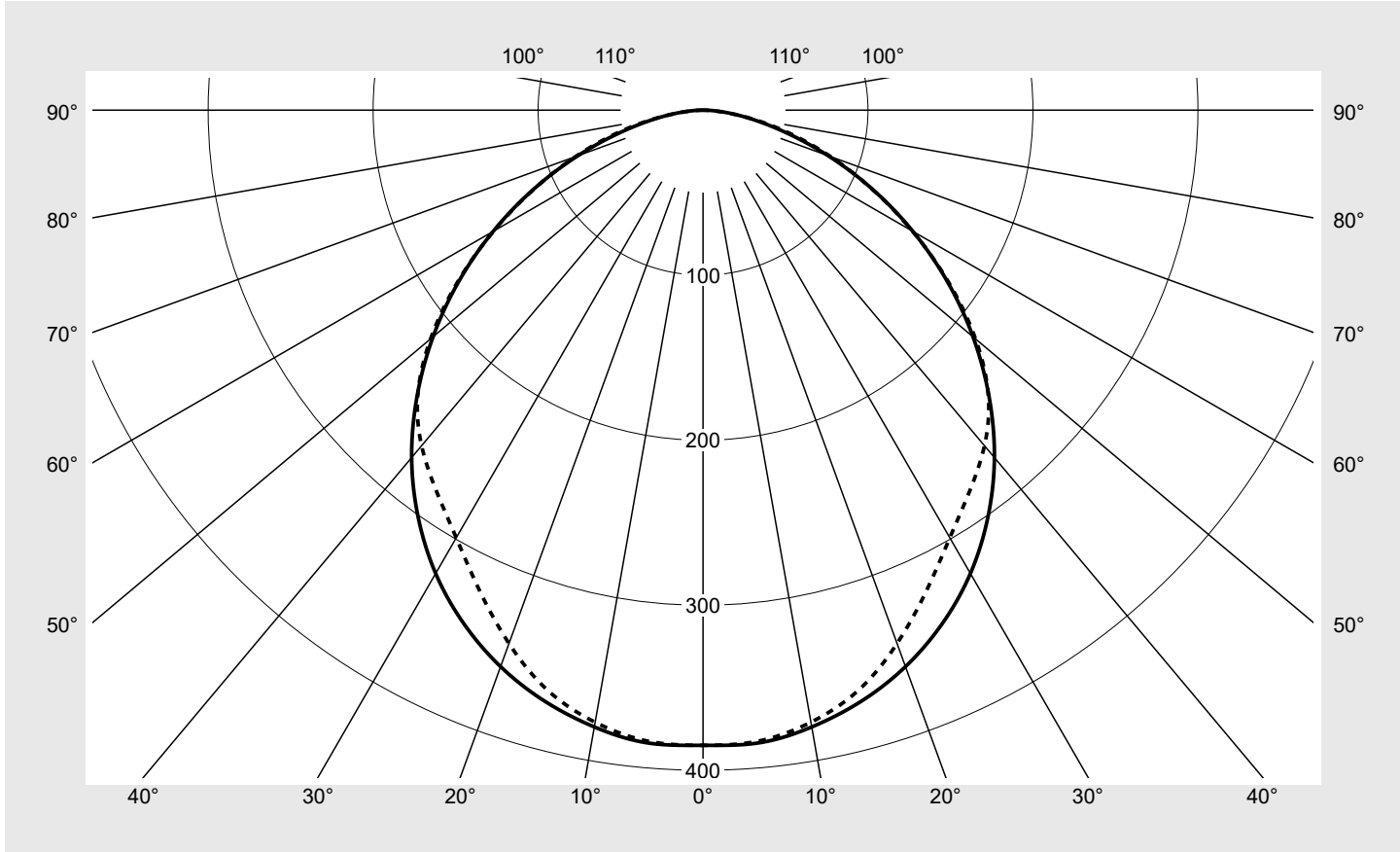


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL10CN49XG EAN: 4058352890288	LP number 58684_77
	Version cover frosted Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9010 lm Power consumption = 49.9 W Luminous efficacy = 180.6 lm/W	serial documentation 17.08.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 385 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=50 N2=81 N3=96 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

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Table of values for luminous intensities		Maximum luminous intensity
		sITeco

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°	384.9	384.9	384.9	384.9	384.9	384.9	384.9	2.3	2.3
5°	384.9	383.5	380.9	382.4	383.7	383.9	383.8	18.3	20.6
10°	379.5	378.4	375.4	376.4	377.1	376.9	376.6	35.9	56.5
15°	370.8	369.9	366.1	365.8	365.5	363.9	363.9	52.0	108.5
20°	358.8	358.1	353.2	350.6	348.2	345.1	343.9	65.8	174.3
25°	343.3	342.7	336.1	331.0	326.3	322.1	320.9	76.8	251.1
30°	324.2	323.3	314.8	307.4	302.4	299.4	299.2	84.9	336.1
35°	301.1	299.6	289.7	281.8	279.3	280.0	281.8	90.2	426.3
40°	274.8	272.4	262.0	255.7	258.0	262.5	265.4	92.8	519.1
45°	245.2	241.9	231.9	229.2	235.1	240.6	244.6	92.0	611.1
50°	213.6	209.5	202.3	202.7	208.5	212.2	215.6	87.5	698.5
55°	180.7	176.6	172.5	174.4	178.1	179.3	181.7	79.5	778.0
60°	146.9	143.9	142.8	145.1	146.4	145.5	146.6	68.9	846.9
65°	113.3	112.0	113.5	115.8	115.6	113.0	112.9	56.5	903.4
70°	80.7	81.0	84.0	87.4	86.4	83.3	82.2	43.2	946.6
75°	51.4	52.0	55.5	60.1	59.2	56.0	54.4	29.6	976.3
80°	28.6	28.8	31.3	34.2	34.2	31.5	29.9	17.0	993.3
85°	11.6	11.6	12.6	13.6	13.2	11.7	10.4	6.7	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® 21 Recessed	Order number: 52TL10CN49XG EAN: 4058352890288	LP number 58684_77
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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	24.3	26.0	24.7	26.3	26.6	24.4	26.0	24.7	26.3	26.7
	3H	25.7	27.1	26.0	27.5	27.8	25.7	27.2	26.1	27.6	27.9
	4H	26.1	27.5	26.5	27.9	28.2	26.2	27.6	26.6	28.0	28.4
	6H	26.4	27.7	26.8	28.1	28.5	26.6	27.9	27.0	28.2	28.6
	8H	26.6	27.8	27.0	28.1	28.5	26.7	27.9	27.1	28.3	28.7
	12H	26.6	27.8	27.0	28.1	28.6	26.8	27.9	27.2	28.3	28.7
4H	2H	25.0	26.4	25.4	26.8	27.1	25.1	26.5	25.5	26.8	27.2
	3H	26.5	27.7	27.0	28.1	28.5	26.6	27.8	27.0	28.2	28.6
	4H	27.1	28.2	27.5	28.6	29.0	27.3	28.3	27.7	28.7	29.2
	6H	27.5	28.4	28.0	28.9	29.3	27.7	28.6	28.2	29.1	29.5
	8H	27.6	28.5	28.1	28.9	29.4	27.8	28.7	28.3	29.1	29.6
	12H	27.7	28.5	28.2	29.0	29.4	27.9	28.7	28.4	29.1	29.6
8H	4H	27.4	28.3	27.9	28.7	29.2	27.6	28.4	28.0	28.9	29.3
	6H	27.9	28.6	28.4	29.1	29.6	28.1	28.8	28.6	29.3	29.8
	8H	28.1	28.7	28.6	29.2	29.7	28.3	29.0	28.8	29.4	29.9
	12H	28.3	28.8	28.8	29.3	29.8	28.5	29.0	29.0	29.5	30.0
12H	4H	27.5	28.2	28.0	28.7	29.2	27.6	28.4	28.1	28.8	29.3
	6H	28.0	28.6	28.5	29.1	29.6	28.2	28.8	28.7	29.3	29.8
	8H	28.2	28.8	28.7	29.2	29.8	28.4	29.0	28.9	29.4	30.0

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°		35908.9	35423.5	33962.4	33562.6	34431.7	35242.4	35823.5	
50°		34421.9	33759.1	32591.8	32650.4	33588.9	34187.3	34738.7	
55°		32619.6	31883.3	31153.7	31482.3	32152.9	32369.7	32803.8	
60°		30421.5	29810.5	29584.3	30059.4	30315.9	30127.2	30361.0	
65°		27765.3	27453.1	27801.1	28372.1	28318.6	27694.0	27676.1	
70°		24450.1	24527.3	25430.2	26455.5	26154.8	25208.9	24900.0	
75°		20567.9	20795.1	22212.8	24065.9	23685.7	22410.9	21777.1	
80°		17032.5	17195.3	18678.6	20413.5	20402.7	18791.3	17831.7	
85°		13800.4	13770.7	14912.6	16197.1	15649.3	13960.8	12381.6	

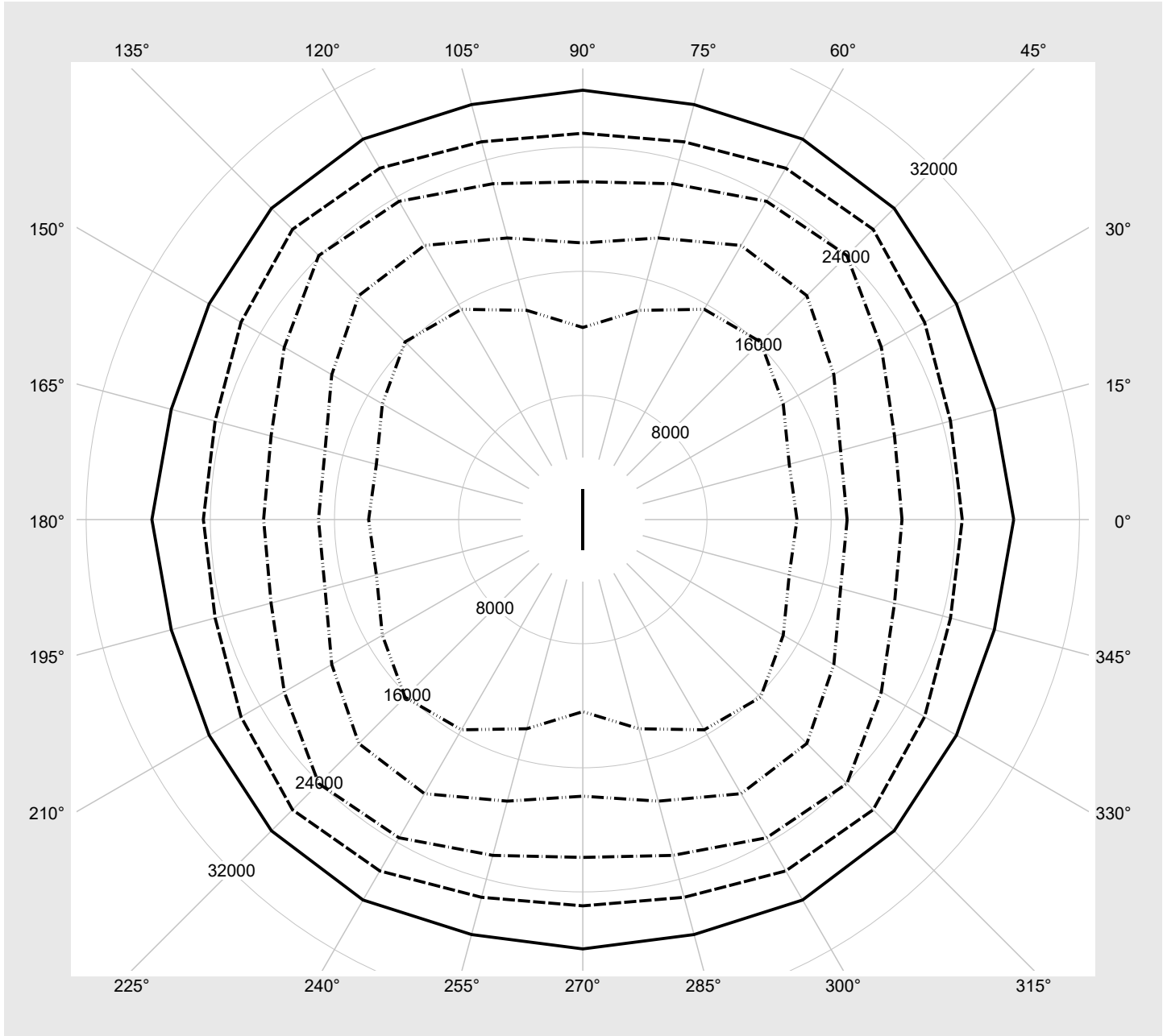
Photometric test report

Family Licross® 21 Recessed	Order number: 52TL10CN49XG EAN: 4058352890288	LP number 58684_77
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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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Photometric test report

Family Licross® 21 Recessed	Order number: 52TL10CN49XG EAN: 4058352890288	LP number 58684_77
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Multilumen Table	environmental temperature: 25°C	siteco
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption	Power consumption
	1	2	3			end of lifetime [W]	average [W]
1	A	C	E	9010	49.9	60.5	55.2
2	A	C	F	8579	47.3	56.9	52.1
3	A	D	E	8075	44.4	53.4	48.9
4	A	D	F	7561	41.4	49.5	45.4
5	B	C	E	7036	38.4	45.6	42.0
6	B	C	F	6511	35.3	42.2	38.8
7	B	D	E	6059	32.8	39.2	36.0
8	B	D	F	5524	29.9	35.3	32.6