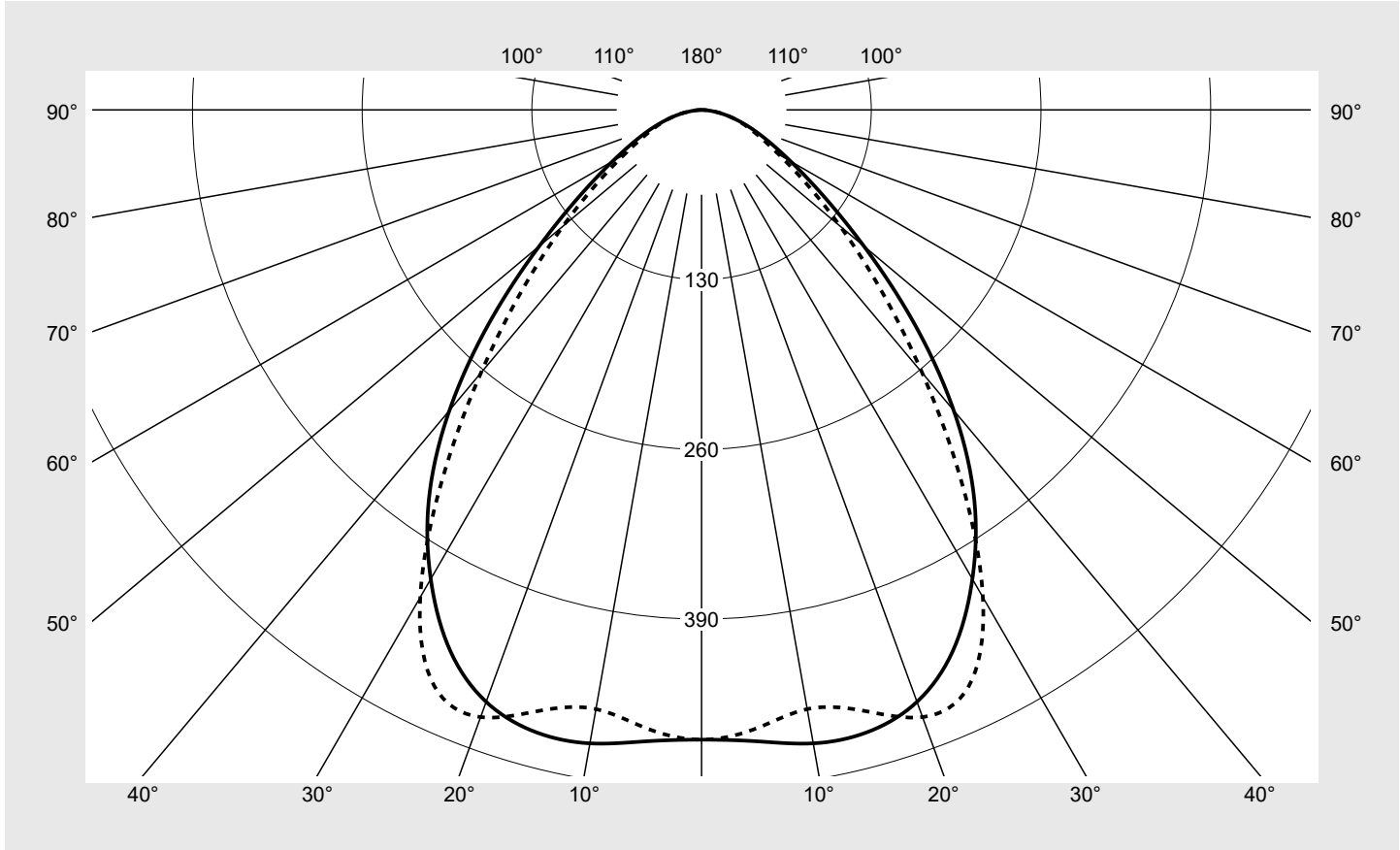


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12CN49XG EAN: 4058352929162	LP number 58637_272
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9300 lm Power consumption = 49.3 W Luminous efficacy = 188.6 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: 51TE12CN49XG EAN: 4058352929162	LP number 58637_272
Table of values for luminous intensities		Maximum luminous intensity



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: 51TE12CN49XG EAN: 4058352929162	LP number 58637_272
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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	22.4	23.9	22.7	24.2	24.5	22.5	24.0	22.8	24.3	24.6
	3H	22.9	24.2	23.3	24.6	24.9	23.0	24.3	23.4	24.7	25.0
	4H	23.1	24.3	23.5	24.7	25.1	23.3	24.5	23.7	24.8	25.2
	6H	23.3	24.4	23.7	24.8	25.2	23.5	24.6	23.9	24.9	25.3
	8H	23.4	24.4	23.8	24.8	25.2	23.6	24.6	24.0	25.0	25.4
	12H	23.4	24.4	23.8	24.8	25.2	23.6	24.5	24.0	24.9	25.4
4H	2H	22.6	23.8	23.0	24.2	24.6	22.7	23.9	23.1	24.3	24.6
	3H	23.2	24.2	23.6	24.6	25.0	23.4	24.4	23.8	24.8	25.2
	4H	23.5	24.4	23.9	24.8	25.2	23.7	24.7	24.2	25.1	25.5
	6H	23.7	24.5	24.2	24.9	25.4	24.0	24.8	24.5	25.2	25.7
	8H	23.8	24.5	24.3	25.0	25.4	24.1	24.8	24.6	25.3	25.8
	12H	23.9	24.5	24.3	24.9	25.4	24.2	24.8	24.7	25.3	25.8
8H	4H	23.5	24.3	24.0	24.7	25.2	23.8	24.5	24.3	24.9	25.4
	6H	23.8	24.4	24.3	24.9	25.4	24.1	24.7	24.6	25.2	25.7
	8H	23.9	24.4	24.4	24.9	25.4	24.3	24.8	24.8	25.3	25.8
	12H	24.0	24.4	24.5	24.9	25.4	24.4	24.8	24.9	25.3	25.8
12H	4H	23.6	24.2	24.1	24.6	25.1	23.8	24.4	24.3	24.9	25.4
	6H	23.8	24.3	24.3	24.8	25.3	24.1	24.6	24.6	25.1	25.6
	8H	23.9	24.4	24.4	24.9	25.4	24.3	24.7	24.8	25.2	25.7

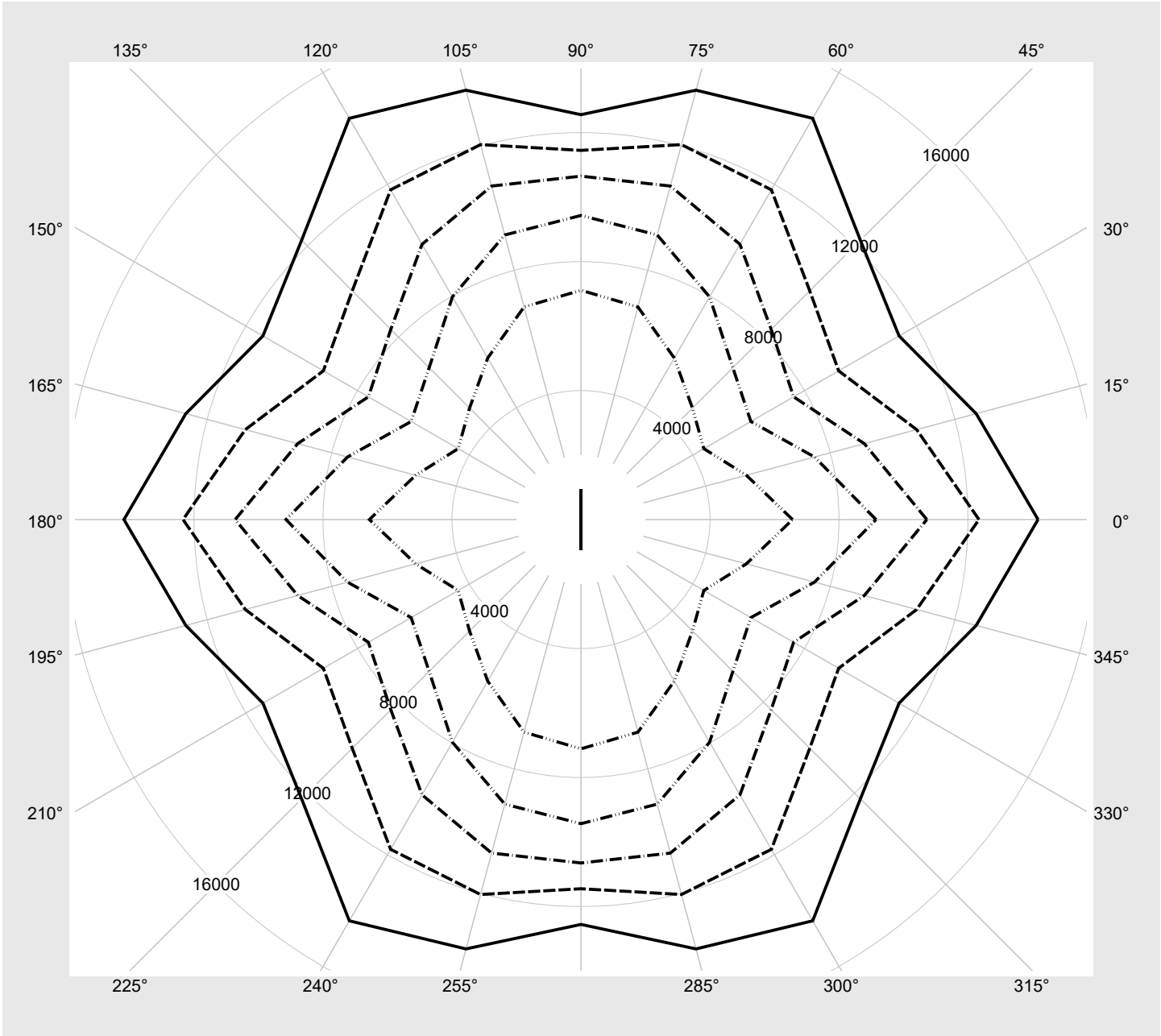
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

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°	34642.1	34211.6	36056.3	39273.2	37365.1	32024.8	29230.1	
	50°	26990.9	26498.5	26874.7	28876.3	29024.9	25815.8	23034.1	
	55°	20963.1	20125.2	19589.2	20937.2	22670.2	20676.8	18111.1	
	60°	16827.7	15637.0	14607.2	15635.3	17884.9	16540.3	14634.1	
	65°	14173.2	12687.2	11389.6	12251.3	14368.9	13784.9	12555.9	
	70°	12341.1	10777.2	9225.4	10031.7	11808.9	12038.3	11449.1	
	75°	10724.0	9096.3	7613.1	8340.9	9857.9	10707.9	10650.0	
	80°	9148.9	7496.7	6082.1	6659.5	7974.4	9136.6	9430.9	
	85°	6561.8	5308.3	4398.2	4887.6	5785.4	6825.5	7110.0	

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Family Licross® 11 Recessed	Order number: 51TE12CN49XG EAN: 4058352929162	LP number 58637_272
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12CN49XG EAN: 4058352929162	LP number 58637_272
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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 [W]	Power consumption [W]
	1	2	3			end of lifetime	average
1	A	C	E	9300	49.3	52.0	50.6
2	A	C	F	8770	46.2	48.4	47.3
3	A	D	E	8230	43.1	45.3	44.2
4	A	D	F	7690	40.0	42.2	41.1
5	B	C	E	7210	37.4	39.6	38.5
6	B	C	F	6660	34.3	36.5	35.4
7	B	D	E	6180	31.8	33.5	32.6
8	B	D	F	5700	29.2	30.9	30.0