

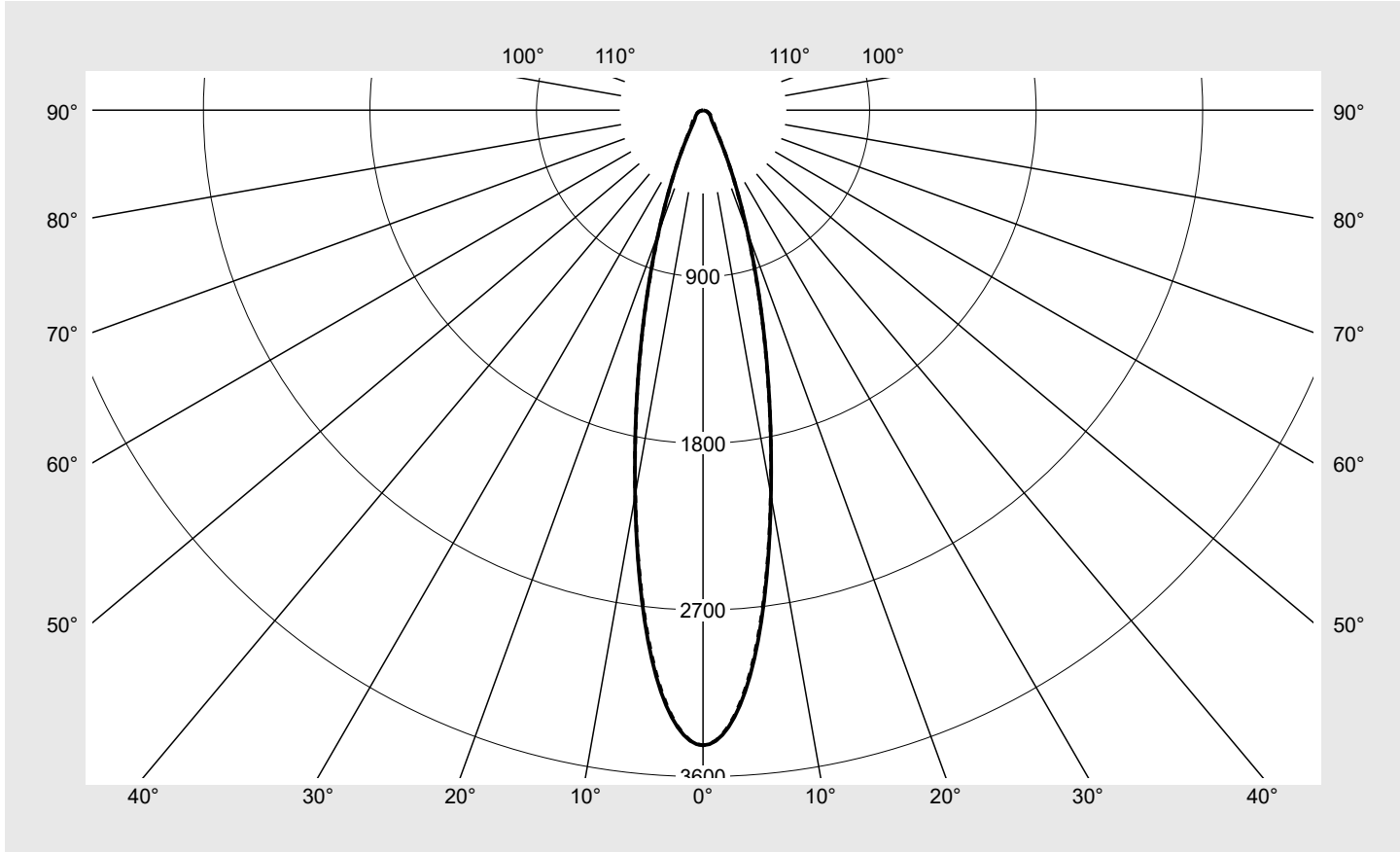


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11MN4EXS EAN: 4058352929124	LP number 58784_321
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 14070 lm Power consumption = 74.5 W Luminous efficacy = 188.9 lm/W	serial documentation 11.10.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 3431 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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

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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	17.2	18.3	17.5	18.6	19.0	17.6	18.7	17.9	19.0	19.3
	3H	18.5	19.5	18.9	19.9	20.2	19.0	20.0	19.4	20.3	20.7
	4H	18.9	19.8	19.3	20.2	20.6	19.5	20.4	19.9	20.8	21.1
	6H	19.1	19.9	19.5	20.3	20.7	19.8	20.6	20.2	21.0	21.4
	8H	19.2	19.9	19.6	20.3	20.7	20.0	20.7	20.4	21.1	21.5
	12H	19.2	19.8	19.6	20.2	20.6	20.0	20.7	20.4	21.1	21.5
4H	2H	17.9	18.8	18.3	19.2	19.6	18.2	19.1	18.6	19.5	19.9
	3H	19.4	20.2	19.8	20.6	21.0	19.8	20.6	20.3	21.0	21.4
	4H	19.8	20.5	20.3	20.9	21.4	20.4	21.1	20.9	21.5	22.0
	6H	20.0	20.6	20.5	21.1	21.5	20.8	21.4	21.3	21.9	22.3
	8H	20.1	20.6	20.6	21.1	21.5	21.0	21.5	21.5	21.9	22.4
	12H	20.1	20.5	20.6	21.0	21.5	21.0	21.5	21.5	21.9	22.4
8H	4H	20.2	20.7	20.7	21.1	21.6	20.7	21.2	21.2	21.7	22.2
	6H	20.5	20.8	21.0	21.3	21.8	21.3	21.7	21.8	22.1	22.7
	8H	20.5	20.8	21.0	21.3	21.9	21.4	21.8	21.9	22.3	22.8
	12H	20.5	20.8	21.0	21.3	21.9	21.5	21.8	22.0	22.3	22.8
12H	4H	20.2	20.6	20.7	21.1	21.6	20.7	21.1	21.2	21.6	22.1
	6H	20.5	20.8	21.0	21.3	21.8	21.2	21.6	21.7	22.1	22.6
	8H	20.5	20.8	21.0	21.3	21.9	21.4	21.7	21.9	22.2	22.8

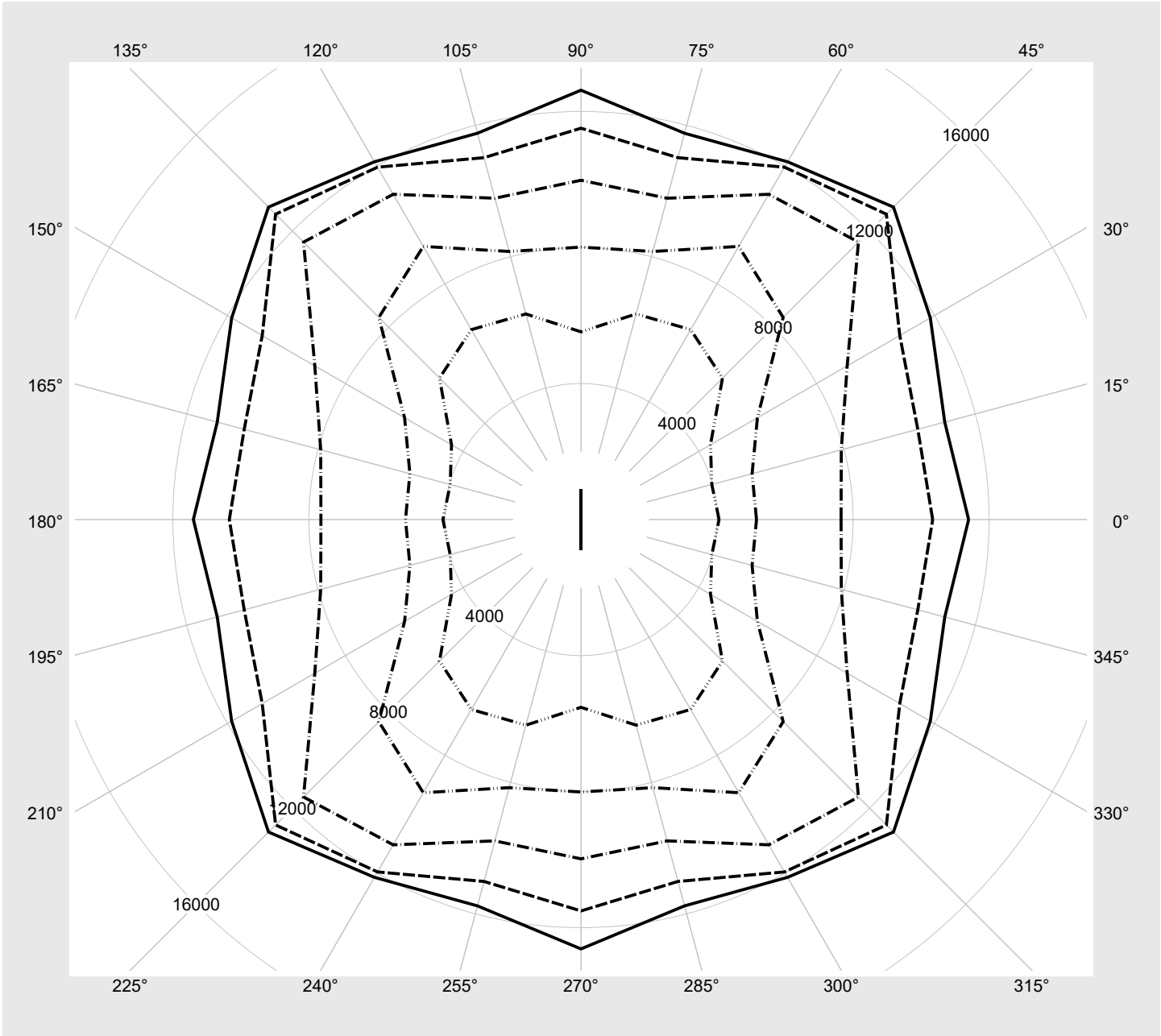
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°	13886.3	13430.7	13044.4	13009.6	13241.3	15249.4	17276.7		
50°	13270.8	12964.1	12893.4	12737.7	12571.9	14092.8	15904.5		
55°	12644.1	12248.5	12808.8	12693.7	12130.4	13065.9	14571.3		
60°	12063.7	11669.7	12344.7	12867.4	12043.3	12291.4	13532.8		
65°	11397.1	11072.2	11859.8	12993.6	12147.5	11760.3	12624.7		
70°	10340.3	10251.9	10822.6	12698.9	11964.0	11016.5	11507.7		
75°	7647.0	7923.1	9037.3	11537.3	11043.7	9782.1	9976.4		
80°	5160.5	5208.0	5989.4	8406.2	9274.2	8161.3	8010.4		
85°	4060.0	3982.1	4395.9	5884.0	6448.1	6258.9	5520.3		

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



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LP number
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Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	14070	74.5
2	A	C	F	13100	68.7
3	A	D	E	12100	63.0
4	A	D	F	11100	57.4
5	B	C	E	10090	51.7
6	B	C	F	9070	46.2
7	B	D	E	8110	41.1
8	B	D	F	7070	35.6