

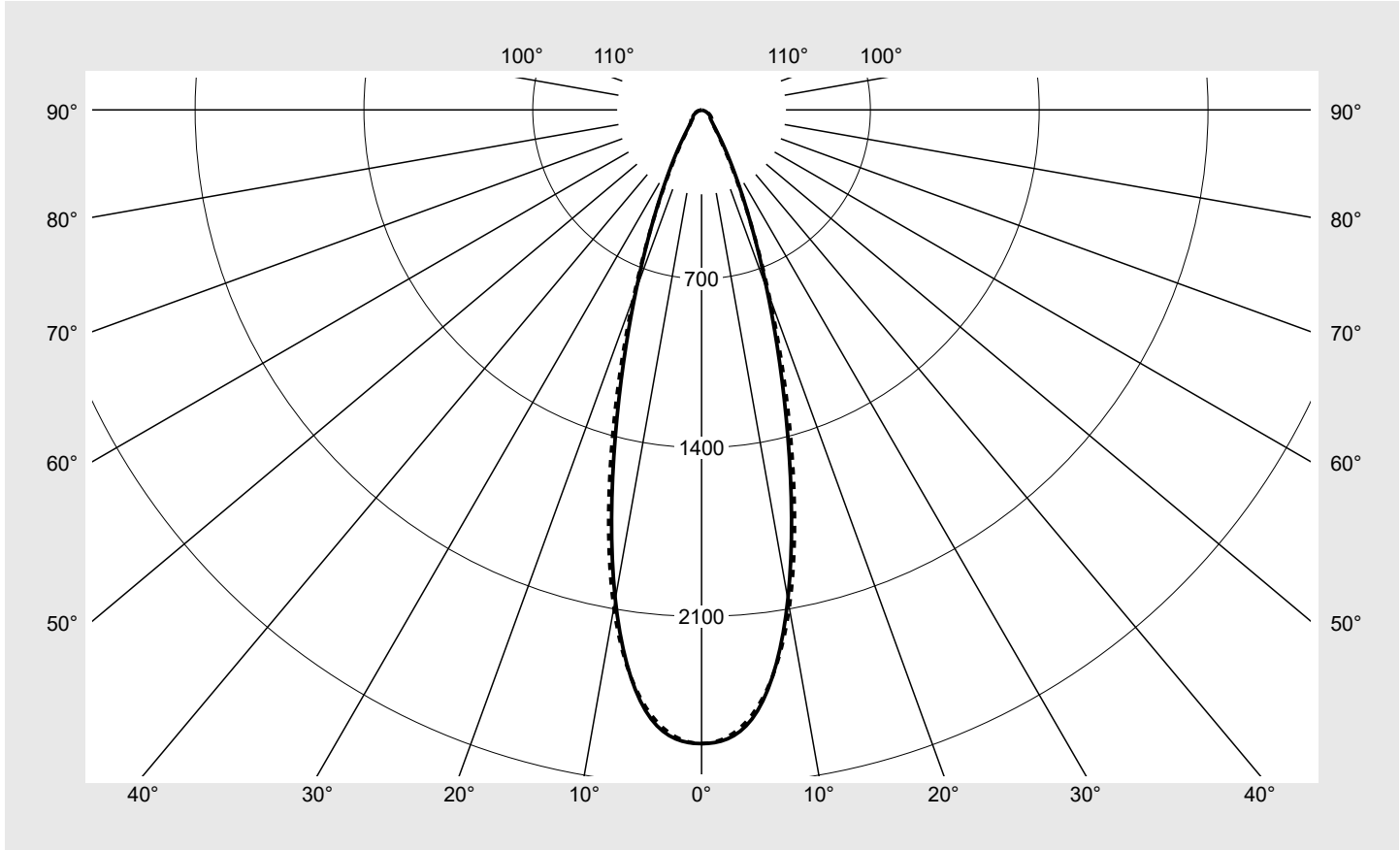


Photometric test report

Family Licross® 21 Recessed	Order number: 52TL11MN4A5G EAN: 4058352890646	LP number 58785_314
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 10830 lm Power consumption = 60.5 W Luminous efficacy = 179 lm/W	serial documentation 24.08.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 2627 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=89 N2=96 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
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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°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	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	15.6	16.7	16.0	17.1	17.4	15.6	16.7	15.9	17.0	17.3
	3H	16.5	17.5	16.9	17.9	18.2	16.9	17.9	17.3	18.3	18.6
	4H	16.8	17.7	17.2	18.0	18.4	17.5	18.4	17.9	18.7	19.1
	6H	16.9	17.7	17.3	18.1	18.4	17.8	18.6	18.3	19.0	19.4
	8H	17.0	17.6	17.4	18.0	18.4	18.0	18.7	18.4	19.0	19.5
	12H	17.0	17.6	17.4	18.0	18.4	18.0	18.6	18.5	19.0	19.4
4H	2H	16.1	17.0	16.5	17.4	17.8	16.1	17.0	16.5	17.3	17.7
	3H	17.3	18.0	17.7	18.4	18.8	17.6	18.3	18.0	18.7	19.2
	4H	17.6	18.2	18.0	18.6	19.1	18.2	18.9	18.7	19.3	19.7
	6H	17.7	18.2	18.2	18.7	19.2	18.7	19.2	19.1	19.6	20.1
	8H	17.7	18.2	18.2	18.6	19.1	18.8	19.2	19.3	19.7	20.2
	12H	17.8	18.1	18.2	18.6	19.1	18.9	19.2	19.3	19.7	20.2
8H	4H	17.8	18.3	18.3	18.7	19.2	18.4	18.9	18.9	19.3	19.8
	6H	18.0	18.4	18.5	18.8	19.4	18.9	19.3	19.4	19.8	20.3
	8H	18.0	18.4	18.5	18.8	19.4	19.1	19.4	19.6	19.9	20.4
	12H	18.0	18.3	18.6	18.8	19.4	19.2	19.4	19.7	19.9	20.5
12H	4H	17.8	18.2	18.3	18.7	19.2	18.4	18.8	18.9	19.3	19.8
	6H	18.0	18.3	18.5	18.8	19.4	18.9	19.2	19.5	19.7	20.3
	8H	18.1	18.3	18.6	18.8	19.4	19.1	19.4	19.6	19.9	20.4

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°		9231.5	8885.0	8254.2	8337.7	8514.3	9532.0	10808.3	
50°		8991.7	8640.2	7370.3	7366.1	7413.3	8663.2	10509.4	
55°		9187.7	9161.9	7964.3	7242.0	7018.3	8379.3	10212.5	
60°		8137.2	8187.0	8538.0	7522.5	6965.1	8104.1	9509.0	
65°		6938.5	7015.9	7775.9	7580.9	7073.1	7686.0	8616.8	
70°		5499.1	5667.6	6642.0	7046.3	6784.3	7098.7	7609.0	
75°		4006.4	4193.0	5191.5	6254.0	6214.1	6337.7	6582.0	
80°		2833.1	2934.1	3603.7	4722.0	5224.5	5137.1	5180.8	
85°		2311.0	2343.8	2735.2	3546.4	3747.8	3834.9	3515.0	

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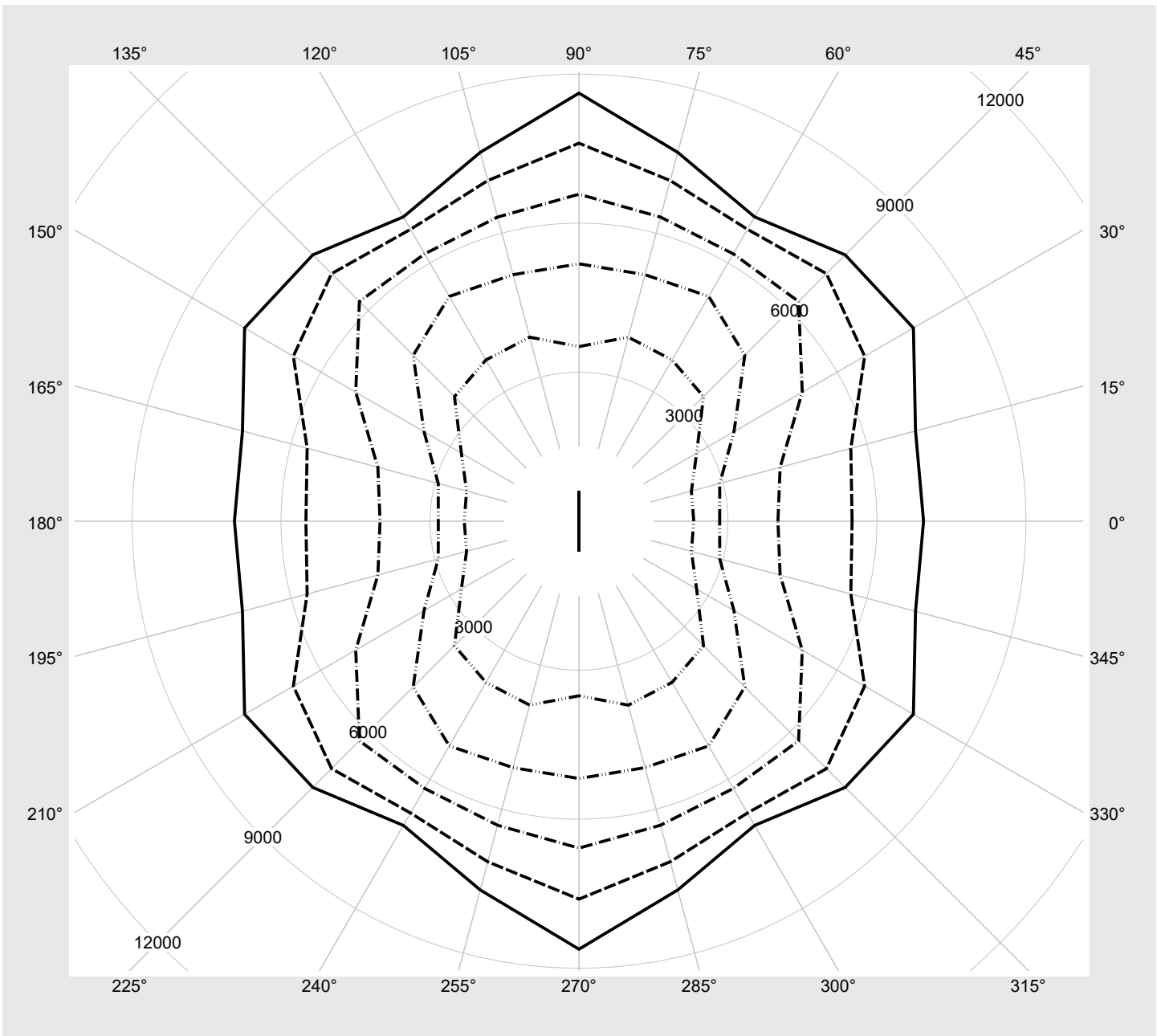
Family
Licross® 21 Recessed

Order number: 52TL11MN4A5G
EAN: 4058352890646

LP number
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



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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	10830	60.5
2	A	C	F	10189	56.5
3	A	D	E	9706	53.4
4	A	D	F	9202	50.3
5	B	C	E	8687	47.3
6	B	C	F	8172	44.4
7	B	D	E	7658	41.4
8	B	D	F	7132	38.4