

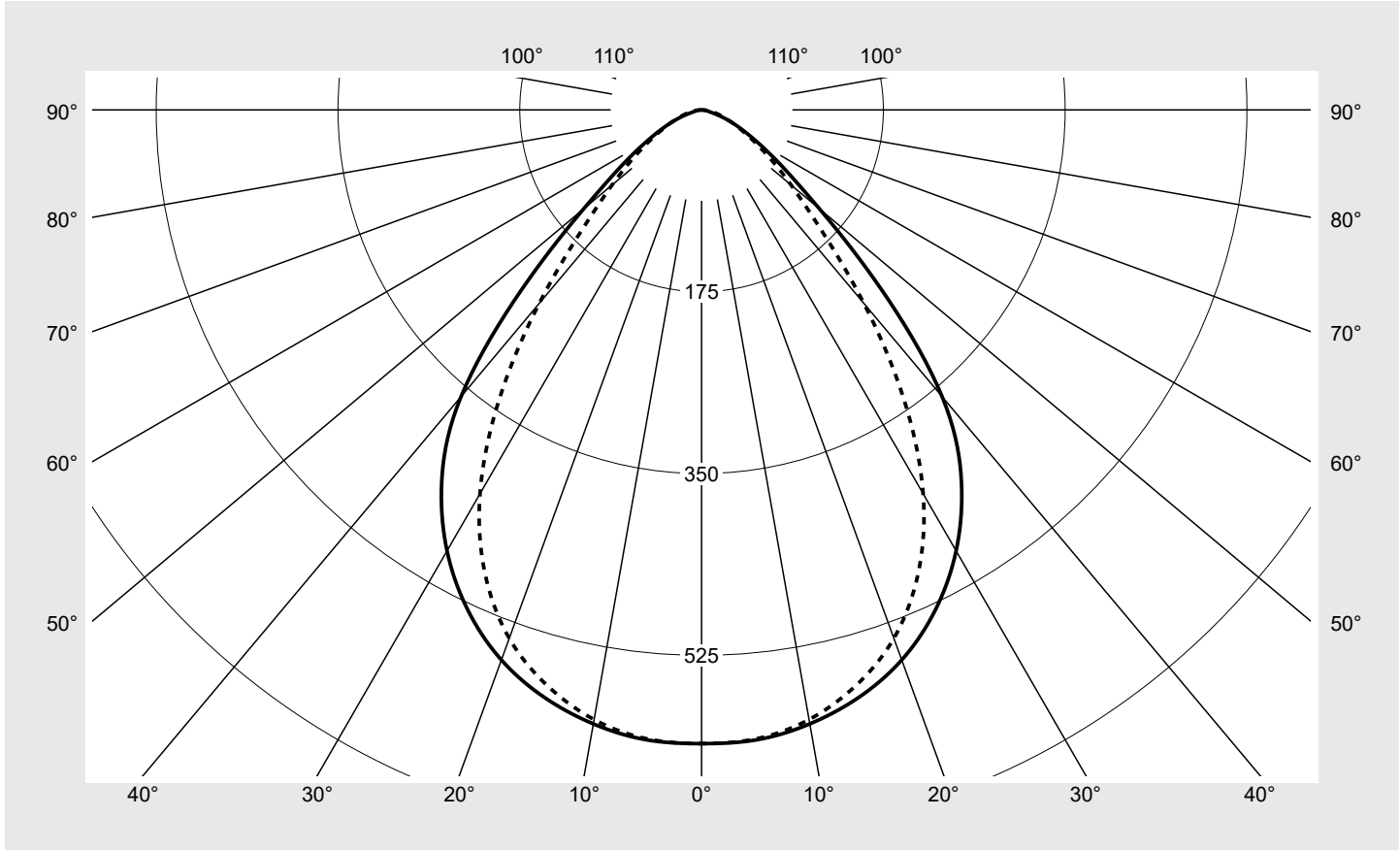


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1WMN4EXM EAN: 4069025081100	LP number 59521_37
	Version cover frosted, wide distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 14240 lm Power consumption = 74.5 W Luminous efficacy = 191.1 lm/W	serial documentation 25.03.2024
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 610 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=73 N2=94 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°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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	23.7	25.1	24.0	25.4	25.7	22.4	23.8	22.7	24.1	24.4
	3H	23.9	25.2	24.3	25.5	25.9	22.8	24.1	23.2	24.4	24.7
	4H	23.9	25.1	24.3	25.5	25.8	23.0	24.1	23.4	24.5	24.9
	6H	23.9	25.0	24.3	25.4	25.7	23.1	24.2	23.5	24.5	24.9
	8H	24.0	24.9	24.4	25.3	25.7	23.2	24.2	23.6	24.5	24.9
	12H	24.0	24.8	24.4	25.2	25.7	23.2	24.1	23.6	24.5	24.9
4H	2H	23.8	25.0	24.2	25.3	25.7	22.7	23.8	23.1	24.2	24.6
	3H	24.1	25.1	24.6	25.5	25.9	23.2	24.2	23.6	24.6	25.0
	4H	24.2	25.0	24.6	25.5	25.9	23.5	24.3	23.9	24.7	25.2
	6H	24.2	24.9	24.6	25.4	25.8	23.7	24.4	24.1	24.8	25.3
	8H	24.2	24.8	24.7	25.3	25.8	23.7	24.4	24.2	24.9	25.3
	12H	24.2	24.8	24.7	25.2	25.7	23.8	24.4	24.3	24.9	25.4
8H	4H	24.2	24.9	24.7	25.3	25.8	23.5	24.2	24.0	24.6	25.1
	6H	24.2	24.7	24.7	25.2	25.7	23.8	24.3	24.3	24.8	25.3
	8H	24.2	24.7	24.7	25.2	25.7	23.9	24.3	24.4	24.8	25.4
	12H	24.2	24.6	24.7	25.1	25.7	24.0	24.4	24.5	24.9	25.4
12H	4H	24.2	24.8	24.7	25.2	25.7	23.5	24.1	24.0	24.5	25.0
	6H	24.2	24.7	24.7	25.1	25.7	23.8	24.2	24.3	24.7	25.2
	8H	24.2	24.6	24.7	25.1	25.6	23.9	24.3	24.4	24.8	25.3

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°	45°	56858.1	56166.7	52330.2	47205.6	42216.6	38618.7	37471.8	
50°	50°	37725.4	37969.8	36967.8	34044.6	31165.1	29069.5	28669.7	
55°	55°	26985.2	27163.8	27088.8	26416.7	24504.8	22795.2	22599.7	
60°	60°	20219.5	20543.2	20669.9	20894.2	19824.4	18046.8	17976.4	
65°	65°	15429.1	15898.9	16411.3	16585.9	16436.4	14741.6	14649.1	
70°	70°	11273.0	11853.0	12817.4	13478.7	13489.7	12618.3	12310.1	
75°	75°	6667.4	7055.7	8237.7	10511.8	10700.3	11433.9	10778.7	
80°	80°	5134.3	5189.9	5284.1	6078.7	8374.9	10406.1	9241.1	
85°	85°	5147.6	5247.1	5357.9	5455.6	5192.7	8734.6	8734.6	

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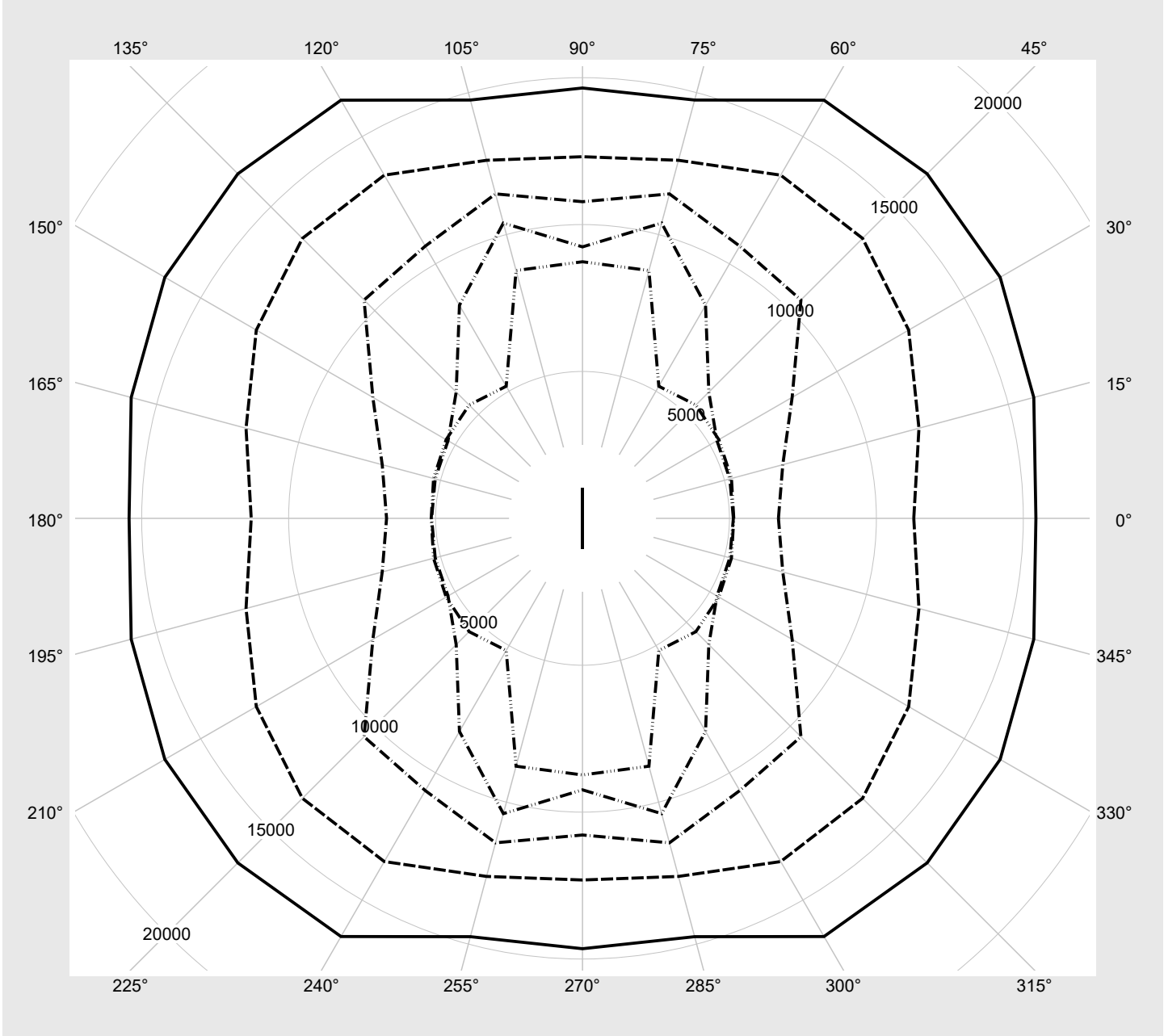
Family
Licross® 11 Recessed

Order number: 51TL1WMN4EXM
EAN: 4069025081100

LP number
59521_37

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



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Order number: 51TL1WMN4EXM
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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	14240	74.5
2	A	C	F	13250	68.7
3	A	D	E	12250	63.0
4	A	D	F	11240	57.4
5	B	C	E	10210	51.7
6	B	C	F	9180	46.2
7	B	D	E	8210	41.1
8	B	D	F	7150	35.6