
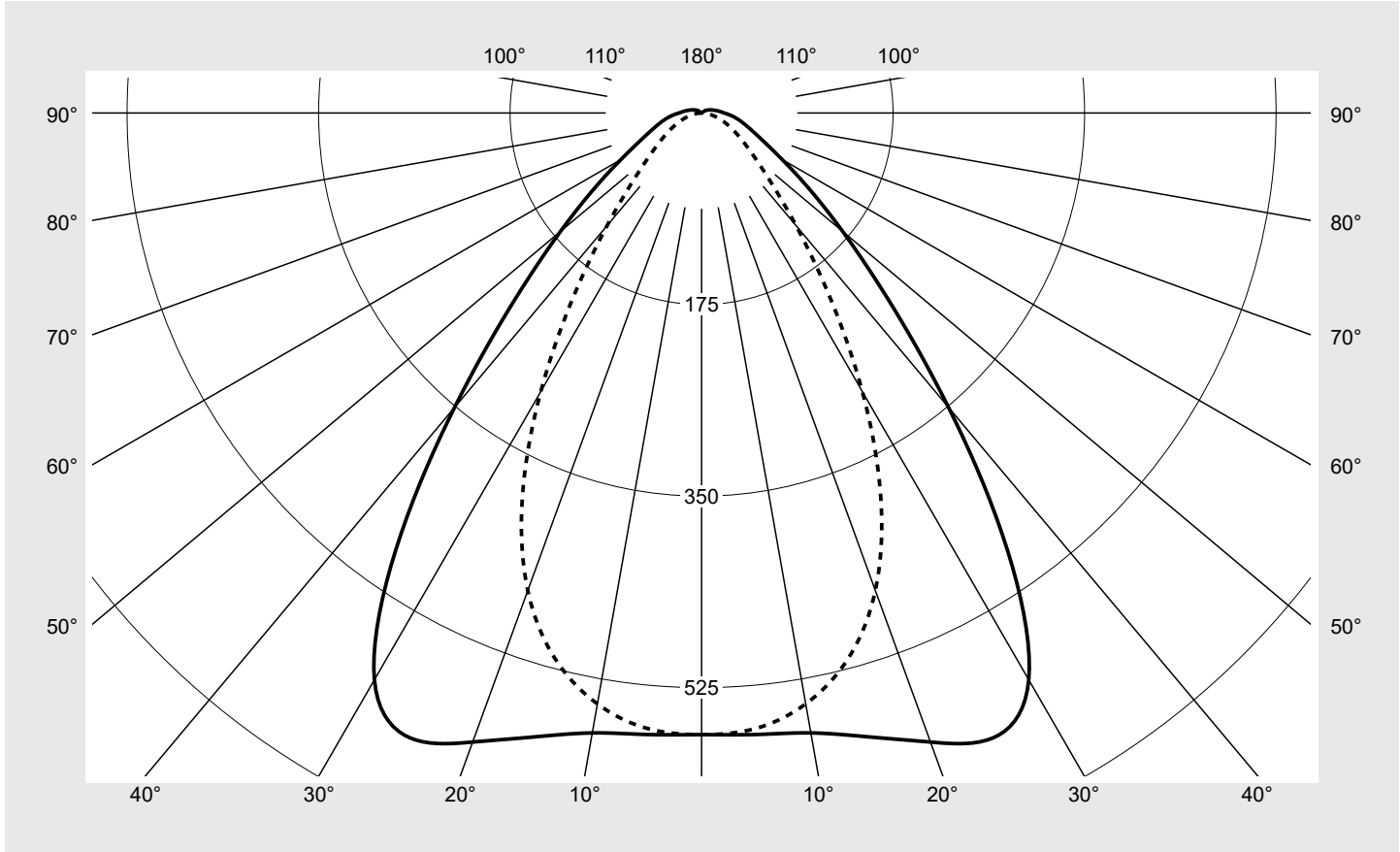


Photometric test report

Family Licross® 11 Protected	Order number: 51TD12CN4EXM EAN: 4058352928660	LP number 58523_243
	Version prismatic cover, frosted, wide distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 14240 lm Power consumption = 77.6 W Luminous efficacy = 183.5 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 630 cd/klm**



Classifications	
DIN 5040	A 5 1
CIE	N1=70 N2=91 N3=97 N4=98 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	98.3%
ϕ_o	1.7%

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°	568.0	568.0	568.0	568.0	568.0	568.0	568.0	3.4	3.4
5°	570.0	568.0	563.9	564.4	565.6	564.2	564.6	27.0	30.4
10°	575.1	572.9	563.4	557.9	553.3	549.0	548.2	53.3	83.7
15°	590.1	586.0	566.8	548.5	532.2	519.9	516.5	78.2	161.9
20°	611.6	603.6	568.7	531.0	496.5	471.9	464.3	100.3	262.2
25°	630.0	617.6	564.2	499.9	441.6	401.0	387.5	117.1	379.3
30°	598.0	589.4	536.5	452.4	368.0	311.9	293.8	123.5	502.8
35°	487.1	490.1	463.2	383.1	284.6	222.1	203.0	114.7	617.4
40°	351.1	360.8	359.1	297.2	205.7	150.3	134.3	94.9	712.3
45°	241.7	250.7	257.1	211.9	140.4	100.6	89.9	72.8	785.1
50°	168.3	174.0	178.9	144.5	94.4	69.8	63.7	54.4	839.5
55°	118.9	121.8	123.3	97.4	64.6	50.4	47.5	40.5	880.0
60°	85.1	85.8	84.4	66.1	45.7	37.4	36.1	30.1	910.0
65°	63.8	62.6	58.2	45.7	33.4	28.1	27.2	22.6	932.7
70°	50.4	47.7	40.8	32.1	24.8	20.7	19.9	17.3	949.9
75°	41.3	37.6	29.5	22.7	17.9	14.5	13.5	13.2	963.2
80°	34.0	30.0	21.9	15.9	12.4	9.4	8.0	10.0	973.1
85°	27.2	23.7	16.4	11.2	8.0	5.3	3.6	7.3	980.4
90°	20.7	17.9	12.0	7.4	4.6	2.2	0.4	5.0	985.4
95°	16.6	14.7	10.2	6.3	3.6	1.3	0.3	4.0	989.4
100°	13.2	11.9	8.5	5.2	2.7	0.8	0.3	3.2	992.6
105°	10.4	9.5	6.9	4.1	1.9	0.4	0.3	2.5	995.1
110°	8.2	7.4	5.5	3.1	1.2	0.3	0.3	1.9	997.0
115°	6.5	5.8	4.2	2.2	0.7	0.4	0.4	1.4	998.4
120°	4.9	4.3	3.0	1.4	0.6	0.5	0.5	1.0	999.4
125°	3.5	3.0	2.0	0.9	0.6	0.5	0.5	0.7	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	23.2	24.7	23.6	25.0	25.3	19.0	20.5	19.4	20.8	21.1
	3H	23.8	25.1	24.2	25.4	25.8	19.5	20.8	19.8	21.1	21.5
	4H	24.1	25.3	24.5	25.7	26.0	19.6	20.9	20.0	21.2	21.6
	6H	24.6	25.6	25.0	26.0	26.4	19.8	20.9	20.2	21.3	21.7
	8H	24.9	25.8	25.3	26.2	26.6	19.9	20.9	20.3	21.3	21.7
	12H	25.1	25.9	25.5	26.3	26.8	19.9	20.9	20.3	21.3	21.7
4H	2H	23.2	24.5	23.6	24.8	25.2	19.7	20.9	20.1	21.2	21.6
	3H	24.0	25.0	24.4	25.4	25.8	20.3	21.3	20.7	21.7	22.1
	4H	24.4	25.3	24.9	25.7	26.2	20.5	21.4	21.0	21.8	22.3
	6H	25.0	25.8	25.5	26.2	26.7	20.7	21.5	21.2	22.0	22.4
	8H	25.3	26.0	25.8	26.5	26.9	20.8	21.5	21.3	22.0	22.5
	12H	25.7	26.3	26.2	26.7	27.2	20.9	21.5	21.4	22.0	22.5
8H	4H	24.4	25.2	24.9	25.6	26.1	20.8	21.5	21.3	22.0	22.5
	6H	25.1	25.7	25.6	26.2	26.7	21.2	21.7	21.7	22.2	22.7
	8H	25.5	26.0	26.0	26.5	27.0	21.3	21.8	21.8	22.3	22.8
	12H	26.0	26.4	26.5	26.9	27.5	21.4	21.8	21.9	22.3	22.9
12H	4H	24.4	25.1	24.9	25.5	26.0	20.9	21.5	21.4	22.0	22.5
	6H	25.1	25.6	25.6	26.1	26.6	21.3	21.8	21.8	22.3	22.8
	8H	25.5	26.0	26.0	26.5	27.0	21.5	21.9	22.0	22.4	22.9

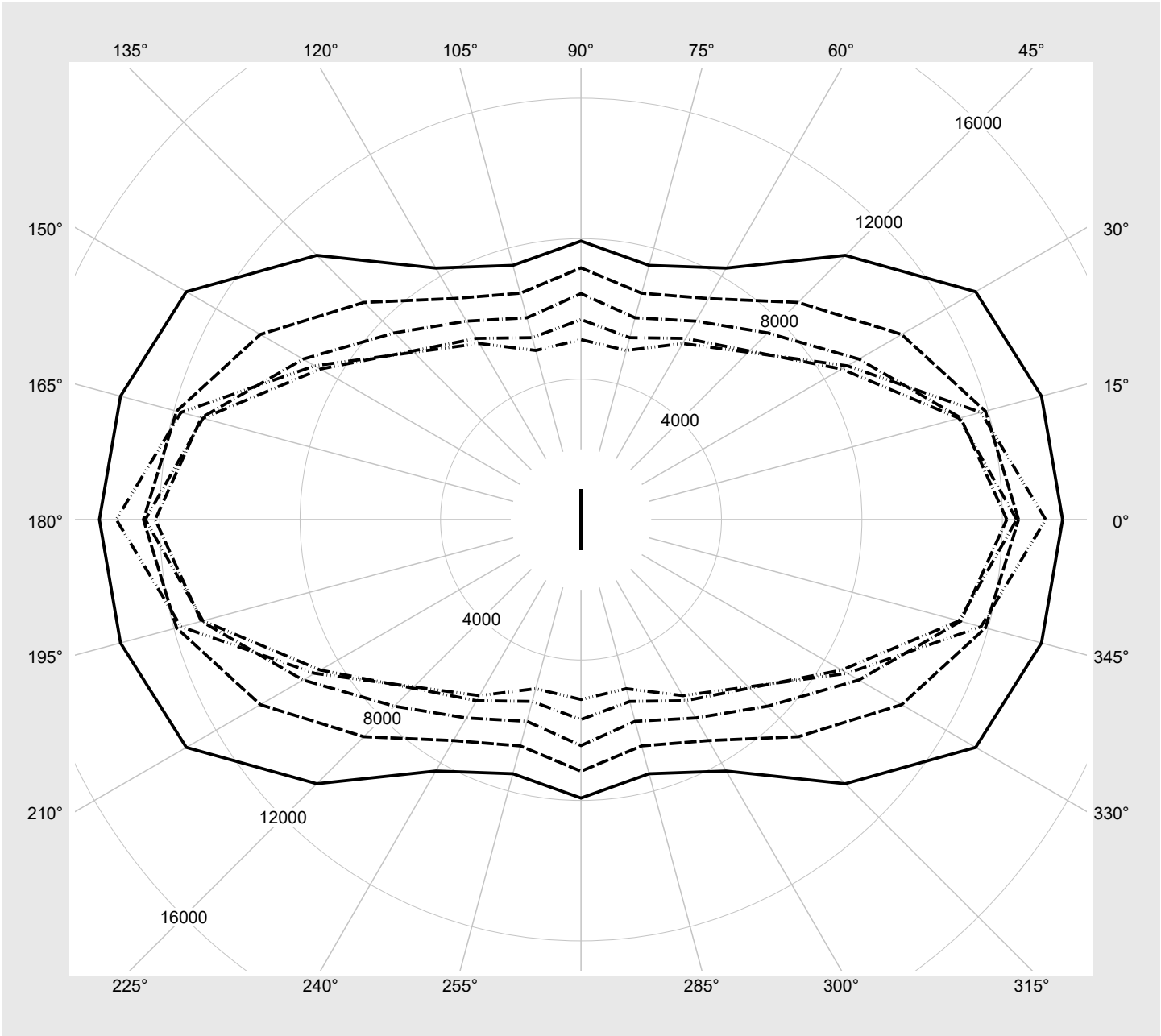
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°	36142.4	37663.8	39199.4	33062.8	22607.0	16824.7	15688.9	
	50°	26947.3	28019.7	29300.8	24314.9	16476.3	12731.3	12227.6	
	55°	20650.7	21305.5	21993.0	17926.2	12412.9	10204.2	10220.6	
	60°	16290.5	16560.5	16653.2	13547.3	9849.5	8580.8	8896.8	
	65°	13715.7	13577.1	12978.6	10640.7	8269.8	7494.5	7931.9	
	70°	12460.9	11923.8	10544.4	8746.1	7267.5	6673.7	7168.2	
	75°	12126.0	11194.8	9139.2	7517.3	6524.8	5948.8	6436.1	
	80°	12407.6	11146.0	8572.9	6787.0	5958.0	5363.3	5695.7	
	85°	13234.4	11792.2	8757.6	6737.0	5790.3	4986.2	5124.9	

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



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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	14240	77.6	81.7	79.6
2	A	C	F	13000	70.1	74.1	72.1
3	A	D	E	12030	64.4	67.9	66.2
4	A	D	F	10980	58.3	61.3	59.8
5	B	C	E	9990	52.6	55.6	54.1
6	B	C	F	8990	47.0	49.6	48.3
7	B	D	E	7990	41.5	43.6	42.6
8	B	D	F	6960	36.1	38.2	37.2