

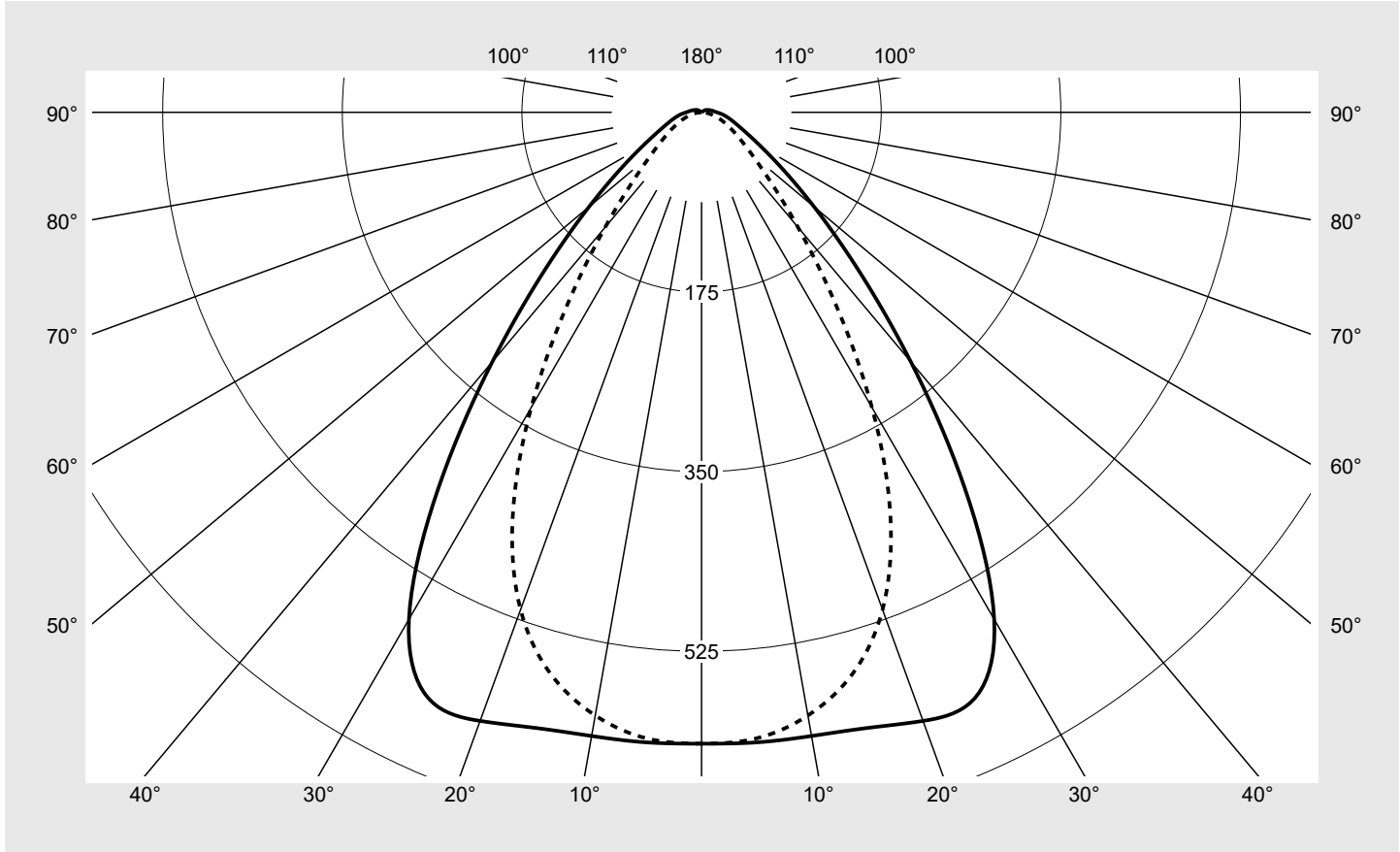


Photometric test report

Family Licross® 11 Protected	Order number: 51TD12CN49XG EAN: 4058352928653	LP number 58524_315
	Version prismatic cover, frosted, wide distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9070 lm Power consumption = 49.4 W Luminous efficacy = 183.6 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 631 cd/klm**



Classifications	
DIN 5040	A 5 1
CIE	N1=73 N2=92 N3=98 N4=99 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	98.6%
ϕ_o	1.4%

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°	615.0	615.0	615.0	615.0	615.0	615.0	615.0	3.7	3.7
5°	616.1	614.1	609.7	611.1	612.9	611.9	612.2	29.3	32.9
10°	616.9	615.1	606.4	602.8	600.3	597.0	596.6	57.6	90.5
15°	620.9	617.8	600.9	587.5	576.7	568.6	566.8	83.8	174.3
20°	630.8	623.5	591.7	561.2	536.7	520.1	515.5	106.4	280.7
25°	629.8	620.7	576.3	523.2	476.9	445.6	435.5	122.6	403.3
30°	570.2	568.9	534.3	469.6	398.0	348.4	331.9	126.5	529.9
35°	447.2	456.9	450.2	394.1	307.5	246.5	227.0	114.9	644.8
40°	317.0	331.0	344.1	303.2	220.2	163.1	146.0	93.6	738.3
45°	213.9	226.3	244.1	214.7	147.7	105.6	94.0	70.6	808.9
50°	143.1	152.0	166.9	144.8	97.7	70.8	64.1	51.5	860.4
55°	96.6	102.1	111.9	95.1	64.8	49.7	46.3	37.0	897.4
60°	67.0	69.6	74.2	63.4	44.8	36.0	34.5	26.8	924.2
65°	49.0	49.5	50.0	42.8	32.0	26.6	25.7	19.7	943.9
70°	37.9	37.0	34.4	29.4	23.3	19.5	18.8	14.8	958.7
75°	30.5	28.7	24.6	20.4	16.6	13.6	12.7	11.1	969.8
80°	24.8	22.7	18.1	14.1	11.2	8.8	7.6	8.2	978.0
85°	19.7	17.8	13.4	9.8	7.1	4.8	3.4	5.9	983.8
90°	14.9	13.4	9.7	6.4	4.0	1.9	0.4	3.9	987.8
95°	12.2	11.1	8.2	5.4	3.1	1.2	0.3	3.2	991.0
100°	10.0	9.2	6.9	4.5	2.4	0.7	0.3	2.6	993.6
105°	8.2	7.6	5.7	3.6	1.7	0.4	0.3	2.1	995.6
110°	6.8	6.2	4.6	2.7	1.1	0.3	0.3	1.6	997.2
115°	5.5	5.0	3.7	2.0	0.7	0.4	0.4	1.2	998.4
120°	4.3	3.8	2.7	1.4	0.6	0.5	0.5	0.9	999.3
125°	3.1	2.7	1.8	0.9	0.6	0.6	0.6	0.6	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	20.9	22.4	21.3	22.7	23.0	17.7	19.1	18.0	19.4	19.7
	3H	21.4	22.6	21.7	22.9	23.3	18.0	19.3	18.4	19.6	20.0
	4H	21.6	22.7	22.0	23.1	23.5	18.2	19.4	18.6	19.7	20.1
	6H	21.9	22.9	22.3	23.3	23.7	18.3	19.4	18.7	19.8	20.2
	8H	22.1	23.0	22.5	23.4	23.8	18.4	19.4	18.8	19.8	20.2
	12H	22.3	23.1	22.7	23.5	23.9	18.4	19.4	18.8	19.8	20.2
4H	2H	21.0	22.2	21.4	22.5	22.9	18.2	19.4	18.6	19.7	20.1
	3H	21.5	22.5	22.0	22.9	23.3	18.7	19.7	19.1	20.0	20.5
	4H	21.9	22.8	22.3	23.2	23.6	18.9	19.8	19.3	20.2	20.6
	6H	22.3	23.0	22.7	23.5	23.9	19.1	19.9	19.6	20.3	20.8
	8H	22.5	23.2	23.0	23.6	24.1	19.2	19.9	19.6	20.3	20.8
	12H	22.8	23.4	23.3	23.8	24.3	19.2	19.8	19.7	20.3	20.8
8H	4H	21.9	22.6	22.4	23.0	23.5	19.1	19.8	19.6	20.2	20.7
	6H	22.4	23.0	22.9	23.4	23.9	19.4	20.0	19.9	20.4	21.0
	8H	22.7	23.2	23.2	23.7	24.2	19.5	20.0	20.0	20.5	21.0
	12H	23.1	23.5	23.6	24.0	24.5	19.6	20.1	20.2	20.6	21.1
12H	4H	21.9	22.5	22.4	23.0	23.4	19.2	19.8	19.7	20.2	20.7
	6H	22.4	22.9	22.9	23.4	23.9	19.5	20.0	20.0	20.5	21.0
	8H	22.7	23.2	23.3	23.7	24.2	19.7	20.1	20.2	20.6	21.1

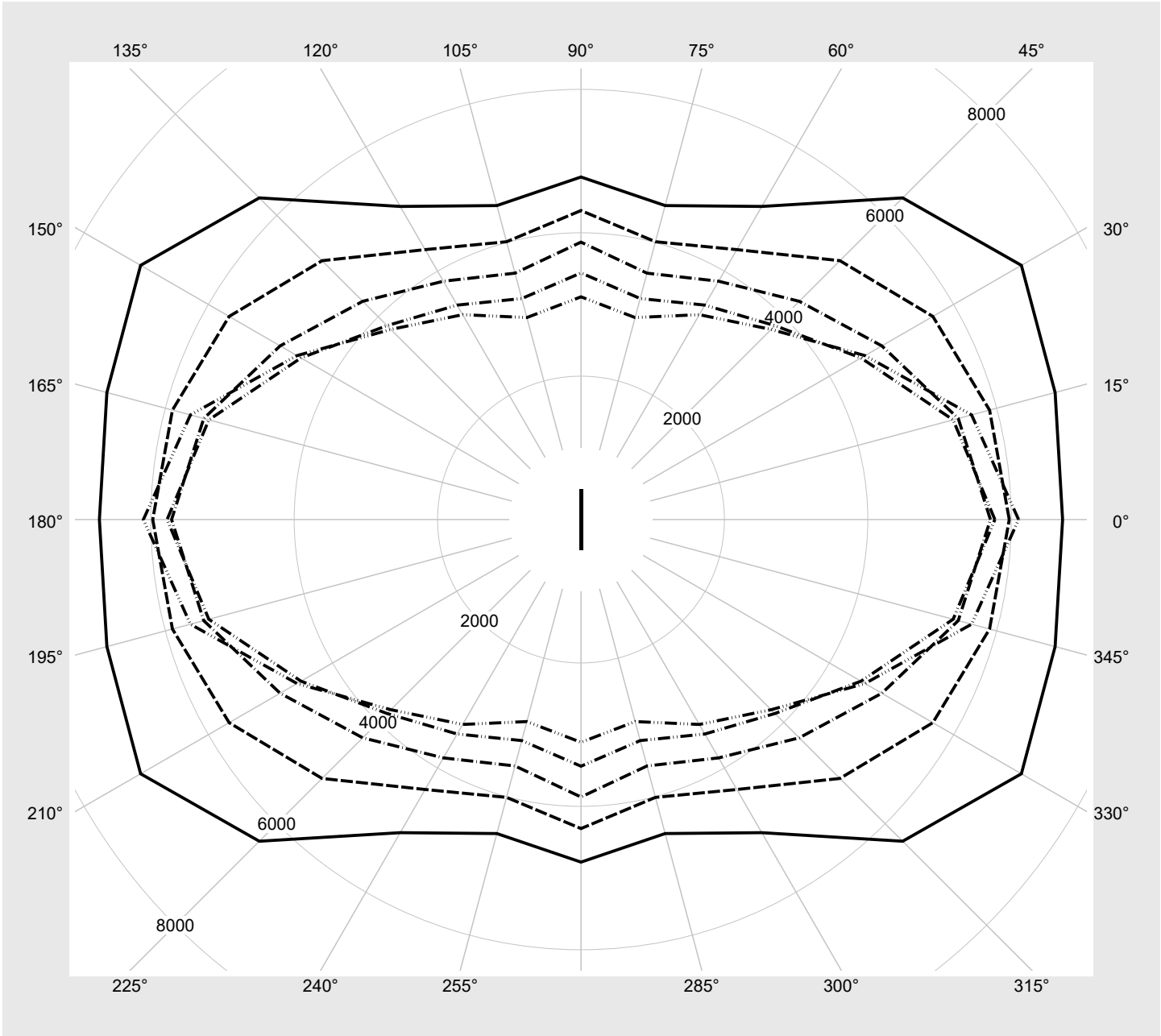
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°	20375.0	21654.5	23701.1	21338.8	15146.7	11250.4	10448.6	
	50°	14589.0	15589.2	17410.8	15523.6	10863.8	8227.8	7830.0	
	55°	10683.7	11367.3	12705.0	11149.8	7932.9	6408.2	6343.2	
	60°	8174.8	8551.3	9330.6	8271.1	6145.4	5269.2	5415.1	
	65°	6716.7	6845.7	7091.8	6345.0	5042.7	4533.8	4777.7	
	70°	5972.9	5899.1	5666.2	5106.5	4347.3	4011.7	4309.8	
	75°	5710.1	5447.0	4845.1	4305.1	3838.5	3557.9	3869.6	
	80°	5772.5	5373.2	4508.7	3825.3	3453.8	3191.4	3440.1	
	85°	6103.0	5639.4	4573.4	3750.6	3299.8	2916.9	3106.5	

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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 [W]	Power consumption [W]
	1	2	3			end of lifetime	average
1	A	C	E	9070	49.4	52.1	50.8
2	A	C	F	8550	46.2	48.9	47.6
3	A	D	E	8020	43.1	45.4	44.2
4	A	D	F	7570	40.5	42.7	41.6
5	B	C	E	7030	37.4	39.6	38.5
6	B	C	F	6560	34.8	36.5	35.6
7	B	D	E	6020	31.8	33.5	32.6
8	B	D	F	5550	29.2	30.9	30.0