
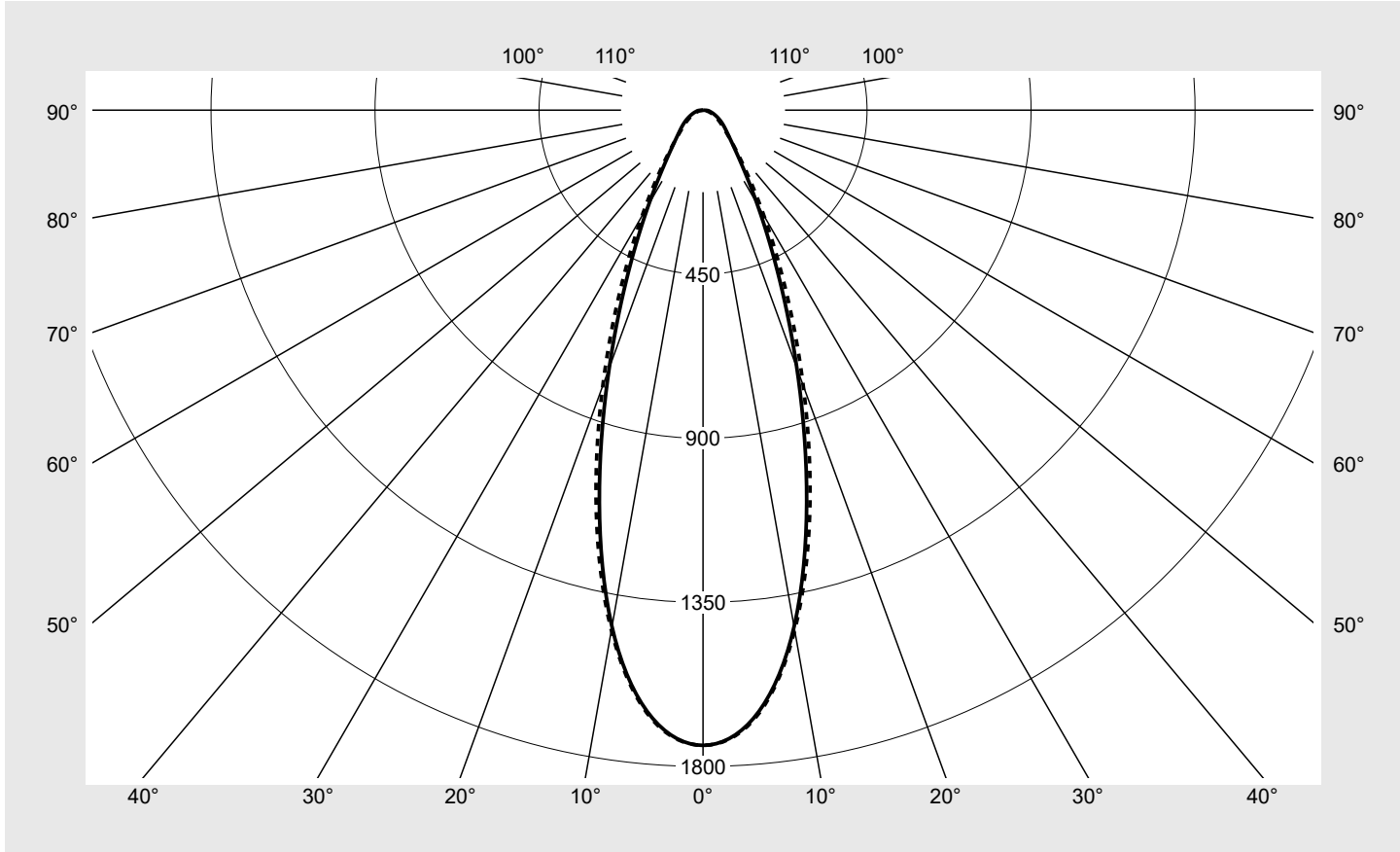


Photometric test report

Family Licross® 11 Protected	Order number: 51TP11CN49XG EAN: 4058352930106	LP number 58526_235
	Version prismatic cover, frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9030 lm Power consumption = 49.4 W Luminous efficacy = 182.8 lm/W	serial documentation 12.10.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1742 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=83 N2=94 N3=98 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°	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	1742.2	10.4	10.4
5°	1666.1	1675.3	1660.6	1665.8	1671.6	1669.6	1670.7	79.7	90.1
10°	1438.7	1454.0	1443.6	1449.9	1452.8	1449.1	1448.5	137.9	228.0
15°	1099.0	1113.1	1114.3	1128.7	1137.3	1134.2	1132.4	159.4	387.5
20°	752.6	761.9	768.4	788.3	803.8	805.8	803.7	147.1	534.5
25°	477.8	482.8	489.1	506.4	523.2	529.8	529.1	117.2	651.7
30°	296.4	297.2	300.0	310.9	324.6	332.2	333.5	85.9	737.6
35°	189.3	187.5	185.3	189.4	198.7	205.9	208.7	61.1	798.7
40°	131.6	127.9	121.5	120.2	125.3	132.4	136.6	44.7	843.4
45°	99.4	94.4	85.5	81.0	83.2	90.3	95.8	34.4	877.7
50°	79.8	74.4	64.7	58.7	59.3	65.8	72.1	27.9	905.7
55°	65.2	60.1	51.3	45.2	44.8	50.3	56.0	23.4	929.0
60°	52.4	48.1	41.3	36.1	35.0	38.9	43.4	19.6	948.6
65°	41.2	37.9	33.1	29.2	27.7	29.8	32.8	16.1	964.7
70°	31.9	29.5	26.2	23.4	21.7	22.1	23.6	12.9	977.6
75°	24.4	22.6	20.2	18.2	16.5	15.4	15.7	10.0	987.6
80°	18.3	17.0	15.2	13.6	11.8	9.9	9.2	7.3	994.9
85°	13.3	12.5	11.1	9.7	7.7	5.4	4.2	5.0	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	16.2	17.5	16.6	17.8	18.1	16.1	17.3	16.4	17.6	18.0
	3H	17.3	18.4	17.7	18.8	19.1	17.0	18.1	17.3	18.4	18.8
	4H	17.9	18.9	18.3	19.2	19.6	17.3	18.4	17.7	18.7	19.1
	6H	18.4	19.3	18.8	19.6	20.0	17.7	18.6	18.1	18.9	19.3
	8H	18.7	19.5	19.1	19.8	20.2	17.8	18.6	18.3	19.0	19.4
	12H	18.9	19.6	19.4	20.0	20.4	17.9	18.6	18.3	19.0	19.4
4H	2H	16.5	17.5	16.9	17.8	18.2	16.3	17.3	16.7	17.7	18.1
	3H	17.8	18.6	18.2	19.0	19.4	17.4	18.2	17.8	18.6	19.0
	4H	18.4	19.2	18.9	19.6	20.0	17.9	18.6	18.3	19.0	19.5
	6H	19.1	19.7	19.5	20.1	20.6	18.3	18.9	18.7	19.3	19.8
	8H	19.4	20.0	19.9	20.4	20.9	18.4	19.0	18.9	19.4	19.9
	12H	19.7	20.2	20.2	20.7	21.2	18.6	19.0	19.1	19.5	20.0
8H	4H	18.6	19.2	19.1	19.6	20.1	18.1	18.6	18.6	19.1	19.6
	6H	19.4	19.8	19.9	20.3	20.8	18.6	19.1	19.1	19.5	20.1
	8H	19.8	20.2	20.3	20.7	21.2	18.8	19.2	19.3	19.7	20.3
	12H	20.3	20.6	20.8	21.1	21.6	19.0	19.4	19.6	19.9	20.4
12H	4H	18.6	19.1	19.1	19.6	20.0	18.1	18.6	18.6	19.1	19.6
	6H	19.4	19.8	19.9	20.3	20.8	18.7	19.1	19.2	19.6	20.1
	8H	19.9	20.2	20.4	20.7	21.3	19.0	19.3	19.5	19.8	20.4

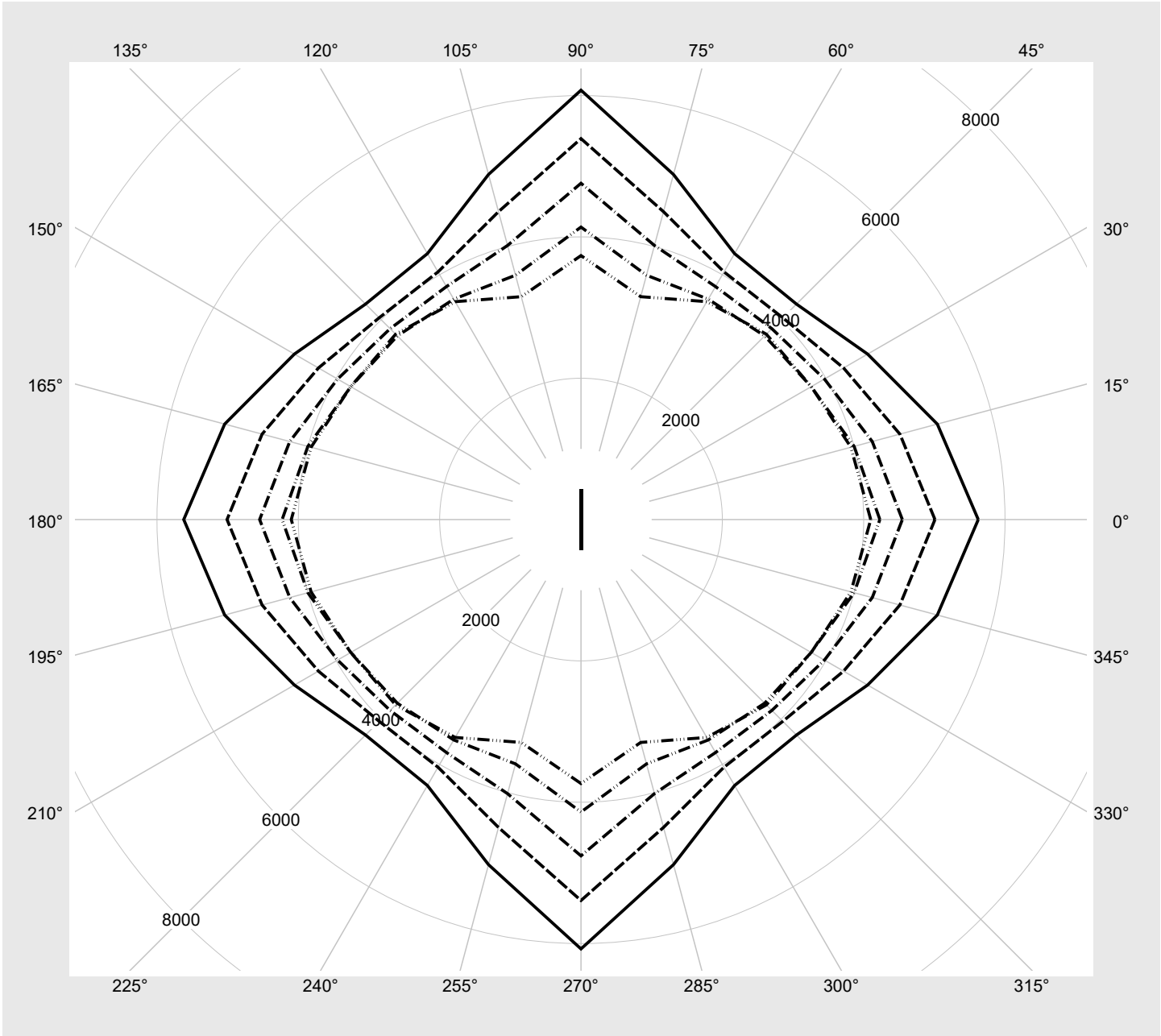
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°		9427.6	8995.5	8262.7	8018.4	8500.2	9575.0	10593.7	
50°		8101.8	7592.9	6719.6	6265.4	6563.0	7620.7	8772.2	
55°		7179.0	6660.4	5803.6	5275.7	5462.9	6460.3	7642.5	
60°		6359.4	5890.0	5170.9	4685.1	4779.5	5664.1	6787.5	
65°		5621.5	5220.1	4683.3	4312.2	4346.1	5055.8	6076.0	
70°		5008.8	4671.8	4290.3	4038.2	4046.7	4510.5	5390.6	
75°		4547.4	4266.8	3977.1	3819.9	3807.0	4015.7	4758.9	
80°		4229.0	4001.2	3761.1	3675.6	3601.3	3579.8	4138.9	
85°		4099.8	3954.2	3762.4	3709.6	3560.6	3265.3	3735.4	

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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			[W] end of lifetime	[W] average
1	A	C	E	9030	49.4	55.3	52.4
2	A	C	F	8508	46.3	51.7	49.0
3	A	D	E	7976	43.1	48.1	45.6
4	A	D	F	7529	40.5	44.5	42.5
5	B	C	E	6996	37.4	41.8	39.6
6	B	C	F	6528	34.7	38.3	36.5
7	B	D	E	5985	31.8	35.2	33.5
8	B	D	F	5516	29.2	32.2	30.7