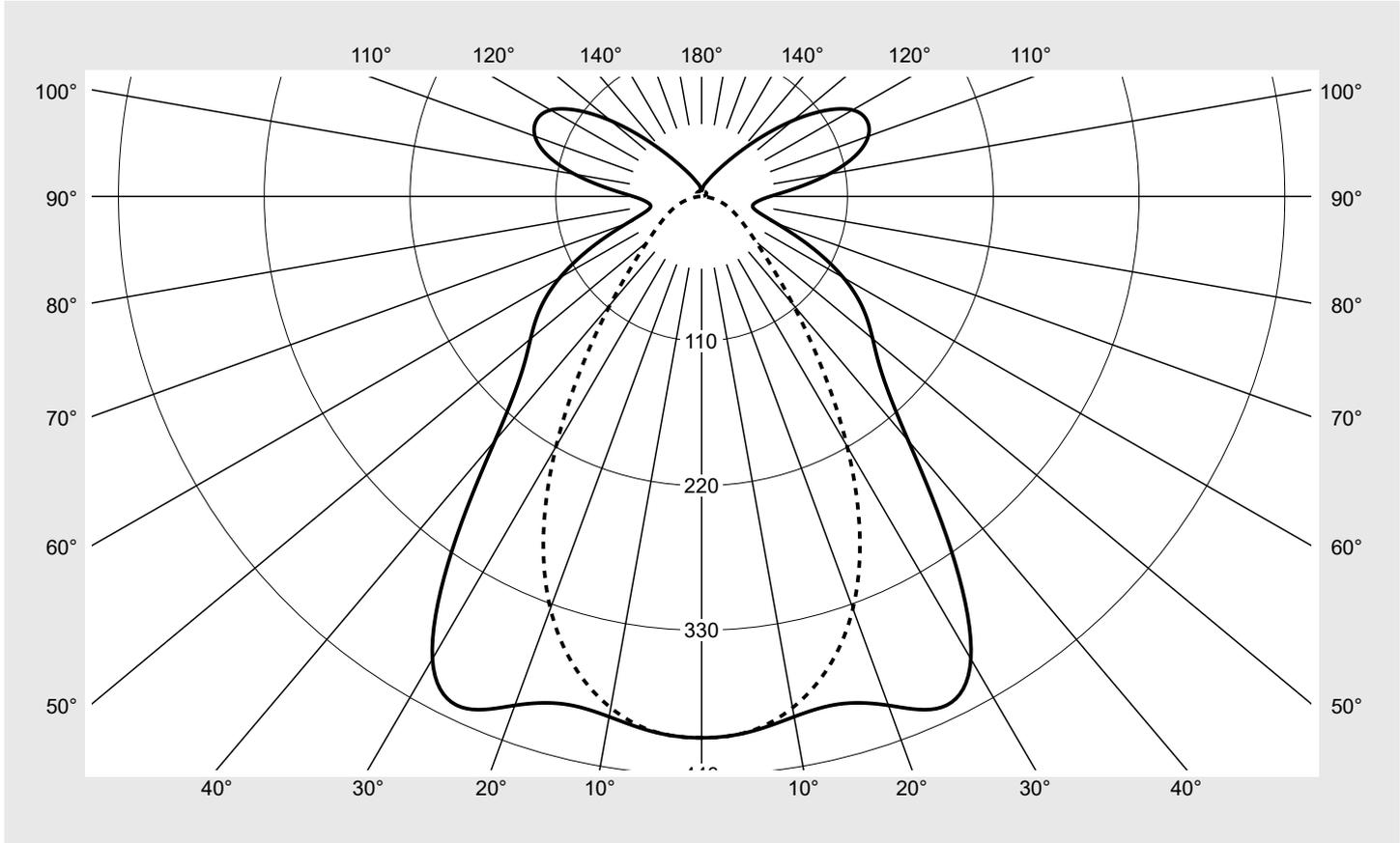


Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN4EXM EAN: 4058352928868	LP number 58519_318
	Version cover frosted, direct-/ indirect distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 14420 lm Power consumption = 77.6 W Luminous efficacy = 185.8 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 429 cd/klm**



Classifications	
DIN 5040	B 5 1
CIE	N1=63 N2=86 N3=95 N4=78 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	78.1%
ϕ_o	21.9%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN4EXM EAN: 4058352928868	LP number 58519_318
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°	411.8	411.8	411.8	411.8	411.8	411.8	411.8	2.5	2.5
5°	409.0	407.3	405.0	406.4	408.3	408.3	408.7	19.5	21.9
10°	401.9	399.8	395.6	394.8	395.0	394.6	395.0	37.7	59.6
15°	399.8	396.0	386.0	378.7	373.7	370.5	370.4	54.1	113.8
20°	412.0	404.2	382.1	360.3	344.8	335.4	333.6	68.7	182.5
25°	428.7	419.7	386.2	342.0	307.4	287.4	282.2	81.0	263.5
30°	406.2	406.4	384.2	323.4	261.9	228.9	219.5	87.6	351.1
35°	328.1	339.8	351.8	297.2	211.1	168.2	156.8	84.4	435.5
40°	242.7	253.2	284.0	257.1	161.6	117.6	107.2	73.3	508.8
45°	193.2	191.3	206.1	202.2	118.6	81.5	73.7	60.3	569.1
50°	168.5	157.2	146.5	145.8	85.8	58.6	53.4	49.3	618.5
55°	148.6	133.1	107.2	99.9	62.9	44.3	40.9	40.6	659.0
60°	123.5	108.6	80.0	67.9	46.9	34.4	32.2	32.9	691.9
65°	91.5	81.0	59.1	47.5	36.1	27.0	25.4	25.6	717.5
70°	60.2	54.5	42.3	34.6	28.0	21.0	19.4	18.9	736.4
75°	43.1	39.2	31.3	26.2	21.7	15.5	13.5	14.3	750.7
80°	39.2	35.6	27.4	20.7	16.7	10.7	8.0	12.1	762.9
85°	42.5	38.8	29.2	19.4	12.9	6.9	3.4	11.8	774.7
90°	51.7	47.2	34.3	20.7	11.3	4.4	0.6	13.1	787.8
95°	71.3	64.2	44.5	24.7	12.8	5.2	1.1	17.1	804.9
100°	97.2	85.6	55.2	28.6	14.3	6.1	1.8	21.5	826.4
105°	120.2	103.0	65.3	32.5	15.7	6.9	2.8	25.1	851.6
110°	133.8	113.4	72.0	35.7	17.0	7.6	3.5	27.0	878.6
115°	137.4	116.7	75.1	37.4	17.7	8.2	3.9	27.0	905.5
120°	131.5	112.0	72.9	36.7	17.5	8.5	4.2	25.0	930.5
125°	114.0	97.3	64.4	33.4	16.5	8.4	4.4	20.9	951.4
130°	89.6	76.8	52.0	28.4	14.9	8.3	4.5	15.9	967.3
135°	64.2	55.4	38.9	22.9	13.2	7.9	4.4	11.1	978.4
140°	43.4	38.1	28.3	18.4	11.3	7.3	4.5	7.5	985.9
145°	29.7	26.7	21.1	14.9	9.5	6.3	4.4	5.0	990.9
150°	21.4	19.7	16.5	11.7	8.2	5.8	4.4	3.4	994.4
155°	16.0	15.0	12.7	9.4	8.0	5.2	4.3	2.3	996.7
160°	12.3	11.7	9.5	8.1	6.6	5.4	4.1	1.5	998.2
165°	10.0	9.6	7.9	6.6	5.9	4.7	4.5	1.0	999.2
170°	7.8	6.8	5.5	5.6	6.0	4.8	4.8	0.6	999.8
175°	4.9	4.4	4.8	4.8	4.9	4.9	5.2	0.2	1000.0
180°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	1000.0

Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN4EXM EAN: 4058352928868	LP number 58519_318
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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	20.7	21.9	21.3	22.5	23.2	16.2	17.5	16.8	18.1	18.7
	3H	21.5	22.6	22.1	23.2	23.9	16.8	17.9	17.4	18.5	19.2
	4H	21.8	22.8	22.4	23.4	24.2	17.0	18.1	17.6	18.7	19.4
	6H	22.1	23.0	22.8	23.7	24.4	17.2	18.2	17.8	18.8	19.5
	8H	22.3	23.1	23.0	23.8	24.6	17.2	18.1	17.8	18.8	19.5
	12H	22.6	23.4	23.4	24.1	24.9	17.2	18.1	17.9	18.7	19.5
4H	2H	20.7	21.7	21.3	22.4	23.1	16.9	17.9	17.5	18.5	19.3
	3H	21.6	22.5	22.3	23.1	23.9	17.6	18.4	18.2	19.1	19.9
	4H	22.0	22.7	22.7	23.4	24.2	17.9	18.7	18.6	19.4	20.2
	6H	22.5	23.1	23.2	23.9	24.7	18.2	18.8	18.9	19.6	20.4
	8H	22.8	23.4	23.6	24.2	25.0	18.2	18.9	19.0	19.6	20.4
	12H	23.3	23.8	24.1	24.6	25.5	18.3	18.8	19.0	19.6	20.5
8H	4H	21.9	22.6	22.7	23.3	24.1	18.2	18.7	18.9	19.5	20.4
	6H	22.6	23.1	23.3	23.8	24.7	18.6	19.1	19.4	19.8	20.8
	8H	23.1	23.5	23.8	24.3	25.2	18.8	19.2	19.6	20.0	20.9
	12H	23.8	24.2	24.6	25.0	25.9	18.9	19.3	19.7	20.1	21.0
12H	4H	21.9	22.4	22.6	23.2	24.1	18.2	18.7	19.0	19.5	20.4
	6H	22.6	23.0	23.3	23.8	24.7	18.7	19.2	19.5	19.9	20.9
	8H	23.1	23.5	23.9	24.3	25.2	19.0	19.4	19.8	20.2	21.1

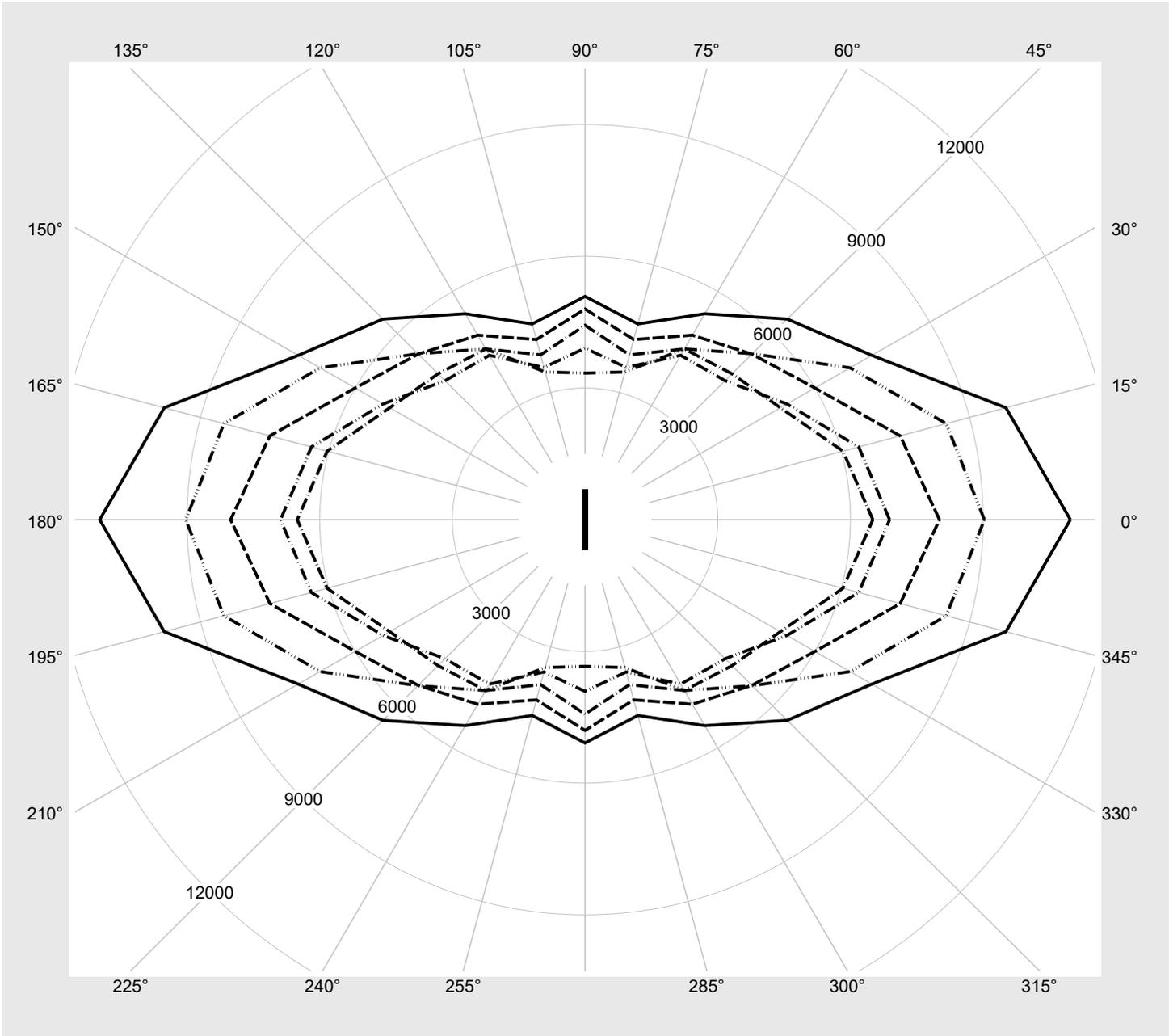
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 36	H(C180) = 36
			B = 115	H(C90) = 0	H(C270) = 0

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°		17633.5	17604.0	19431.4	19838.6	12284.3	9030.4	8833.3	
50°		16173.7	15228.6	14597.8	15203.5	9534.5	7049.0	7041.9	
55°		15171.4	13726.8	11415.9	11207.7	7589.5	5861.4	6040.5	
60°		13566.0	12074.2	9228.8	8318.6	6255.5	5108.1	5453.5	
65°		10973.8	9850.8	7487.9	6463.9	5416.9	4616.5	5085.8	
70°		8014.6	7377.5	6001.1	5335.2	4852.8	4248.6	4799.5	
75°		6506.7	6036.3	5100.0	4699.7	4491.3	3887.6	4428.7	
80°		6885.2	6405.8	5271.7	4478.5	4323.9	3590.7	3908.6	
85°		9029.0	8454.0	6919.0	5346.4	4492.3	3484.0	3339.2	

Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN4EXM EAN: 4058352928868	LP number 58519_318
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® 11 Performance	Order number: 51TD16CN4EXM EAN: 4058352928868	LP number 58519_318
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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	14420	77.6	81.7	79.6
2	A	C	F	13160	70.1	74.1	72.1
3	A	D	E	12180	64.4	67.9	66.2
4	A	D	F	11120	58.3	61.3	59.8
5	B	C	E	10120	52.6	55.6	54.1
6	B	C	F	9100	47.0	49.6	48.3
7	B	D	E	8090	41.5	43.6	42.6
8	B	D	F	7050	36.1	38.2	37.2