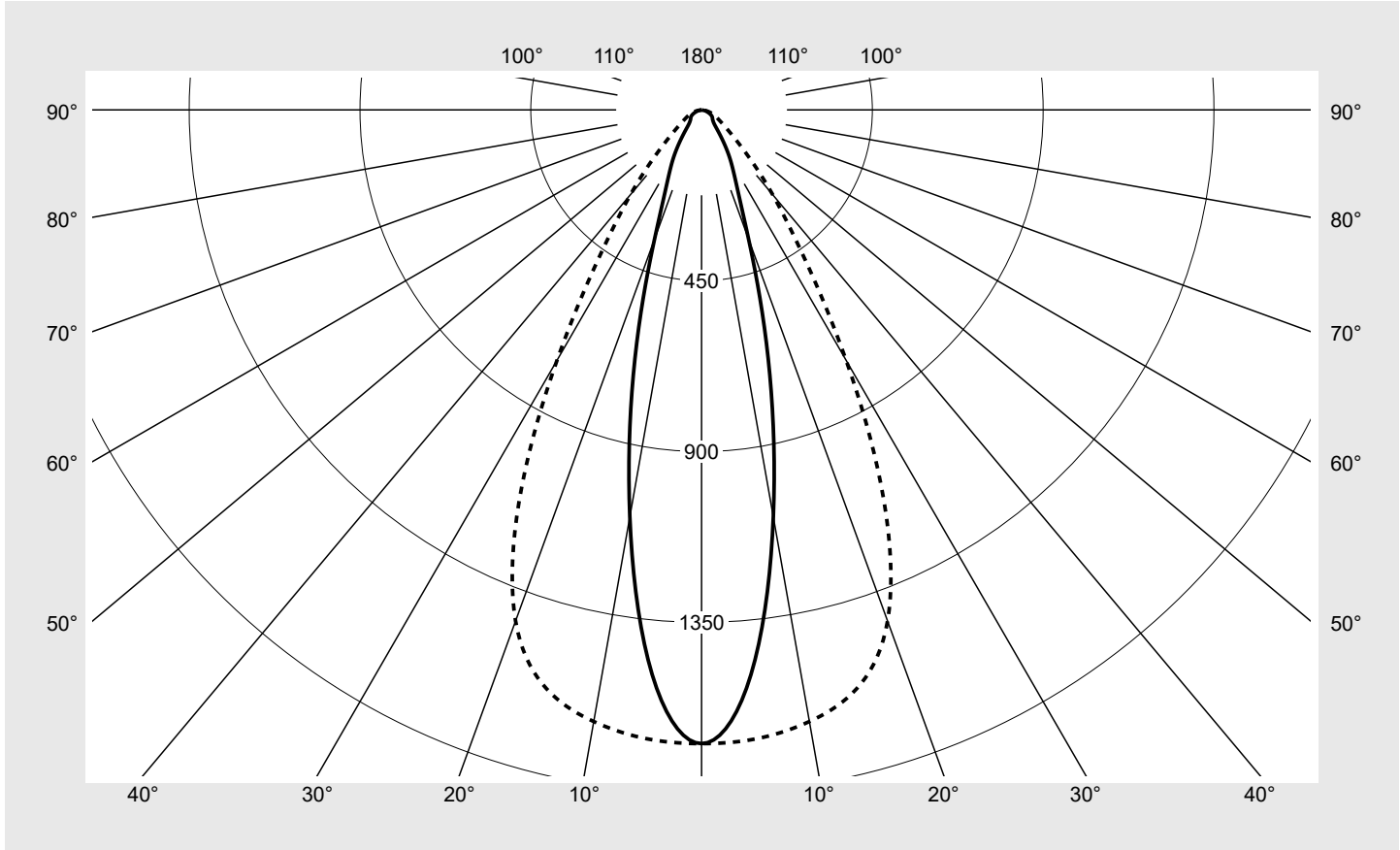


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1ECN49XG EAN: 4058352929346	LP number 59263_282
	Version cover frosted, elliptical narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9000 lm Power consumption = 49.3 W Luminous efficacy = 182.6 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 1670 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=85 N2=95 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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1ECN49XG EAN: 4058352929346	LP number 59263_282
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°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1ECN49XG EAN: 4058352929346	LP number 59263_282
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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	14.8	16.0	15.1	16.3	16.6	19.8	21.0	20.1	21.3	21.7
	3H	16.0	17.0	16.3	17.4	17.7	20.4	21.4	20.8	21.8	22.1
	4H	16.3	17.4	16.7	17.7	18.1	20.6	21.6	21.0	22.0	22.3
	6H	16.5	17.5	16.9	17.9	18.3	20.9	21.7	21.3	22.1	22.5
	8H	16.7	17.5	17.2	17.9	18.3	21.0	21.8	21.4	22.1	22.5
	12H	16.8	17.5	17.2	17.9	18.4	21.0	21.7	21.5	22.1	22.5
4H	2H	15.6	16.6	16.0	16.9	17.3	19.8	20.8	20.2	21.2	21.5
	3H	17.0	17.9	17.5	18.2	18.7	20.5	21.3	20.9	21.7	22.1
	4H	17.5	18.3	18.0	18.7	19.1	20.9	21.6	21.3	22.0	22.5
	6H	17.8	18.5	18.3	18.9	19.4	21.2	21.8	21.6	22.2	22.7
	8H	17.9	18.5	18.4	19.0	19.5	21.3	21.8	21.8	22.3	22.8
	12H	18.0	18.5	18.5	19.0	19.5	21.4	21.8	21.8	22.3	22.8
8H	4H	18.0	18.6	18.5	19.0	19.5	21.0	21.5	21.4	22.0	22.5
	6H	18.5	18.9	19.0	19.4	19.9	21.4	21.8	21.9	22.3	22.8
	8H	18.6	19.0	19.1	19.5	20.0	21.5	21.9	22.0	22.4	22.9
	12H	18.7	19.1	19.3	19.6	20.1	21.6	21.9	22.1	22.4	23.0
12H	4H	18.1	18.5	18.6	19.0	19.5	20.9	21.5	21.4	21.9	22.4
	6H	18.6	18.9	19.1	19.4	20.0	21.4	21.8	21.9	22.3	22.8
	8H	18.8	19.1	19.3	19.6	20.2	21.5	21.9	22.0	22.4	22.9

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

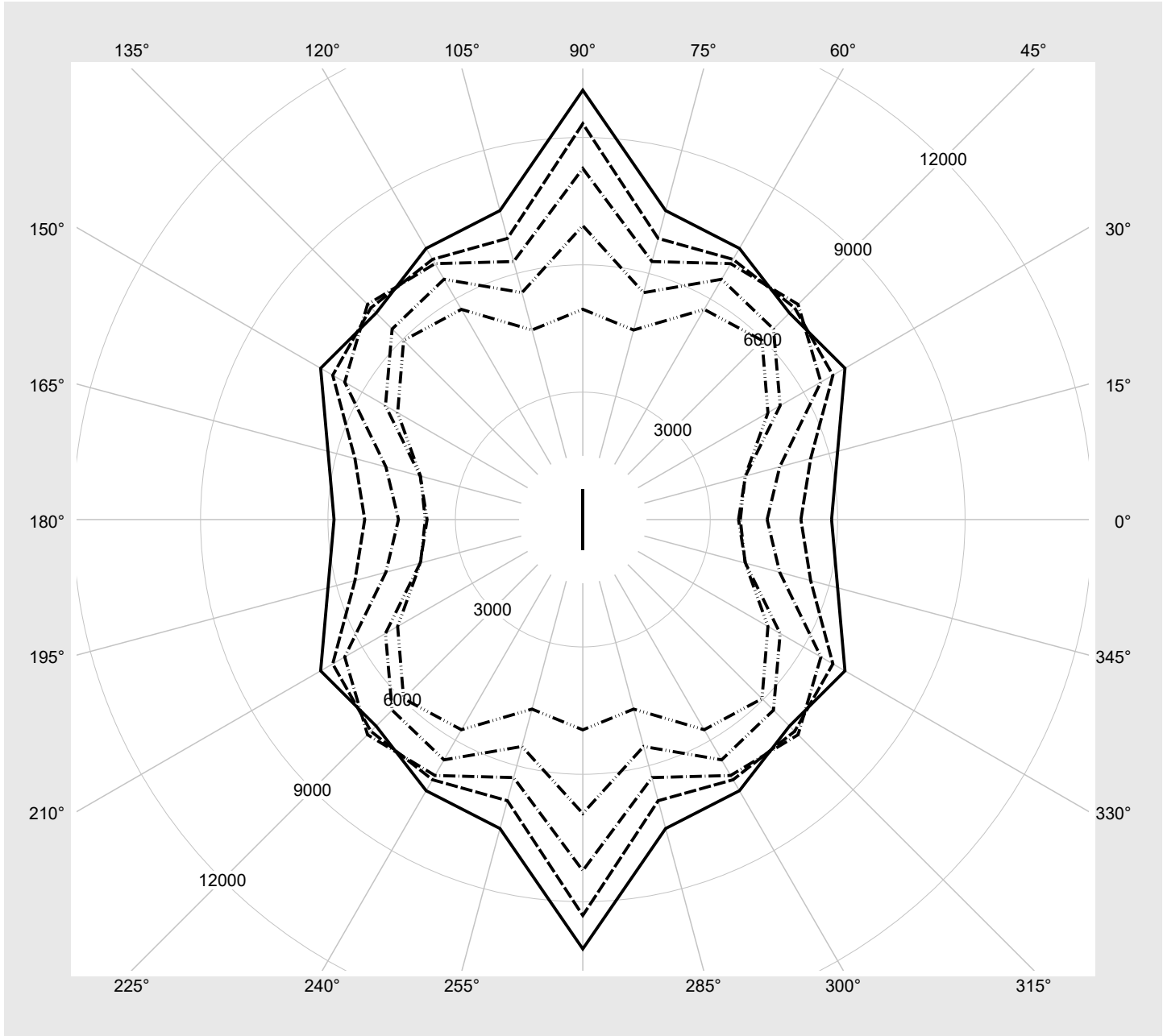
C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		6362.4	6711.4	8507.5	12622.3	14561.6	21271.7	25886.0	
50°		6073.6	6273.3	6887.6	9822.8	10993.8	14376.5	17564.0	
55°		6233.5	6309.1	6622.7	7841.0	9111.1	10753.9	13295.7	
60°		6239.2	6444.2	6789.3	7081.4	7984.8	8685.7	11067.3	
65°		5857.1	6211.0	7127.2	6880.5	7375.2	7534.1	10112.8	
70°		5134.9	5554.1	6799.1	7054.0	7076.4	6855.9	9324.3	
75°		4339.5	4799.9	6472.6	7167.7	6960.7	6291.6	8269.3	
80°		3666.2	3964.6	5365.2	6348.7	6535.2	5533.2	6922.4	
85°		3709.2	3956.1	5033.8	5966.7	5716.3	4621.9	4953.1	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1ECN49XG EAN: 4058352929346	LP number 59263_282
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1ECN49XG EAN: 4058352929346	LP number 59263_282
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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	9000	49.3	52.0	50.6
2	A	C	F	8480	46.2	48.4	47.3
3	A	D	E	7970	43.1	45.3	44.2
4	A	D	F	7440	40.0	42.2	41.1
5	B	C	E	6980	37.4	39.6	38.5
6	B	C	F	6450	34.3	36.5	35.4
7	B	D	E	5980	31.8	33.5	32.6
8	B	D	F	5510	29.2	30.9	30.0