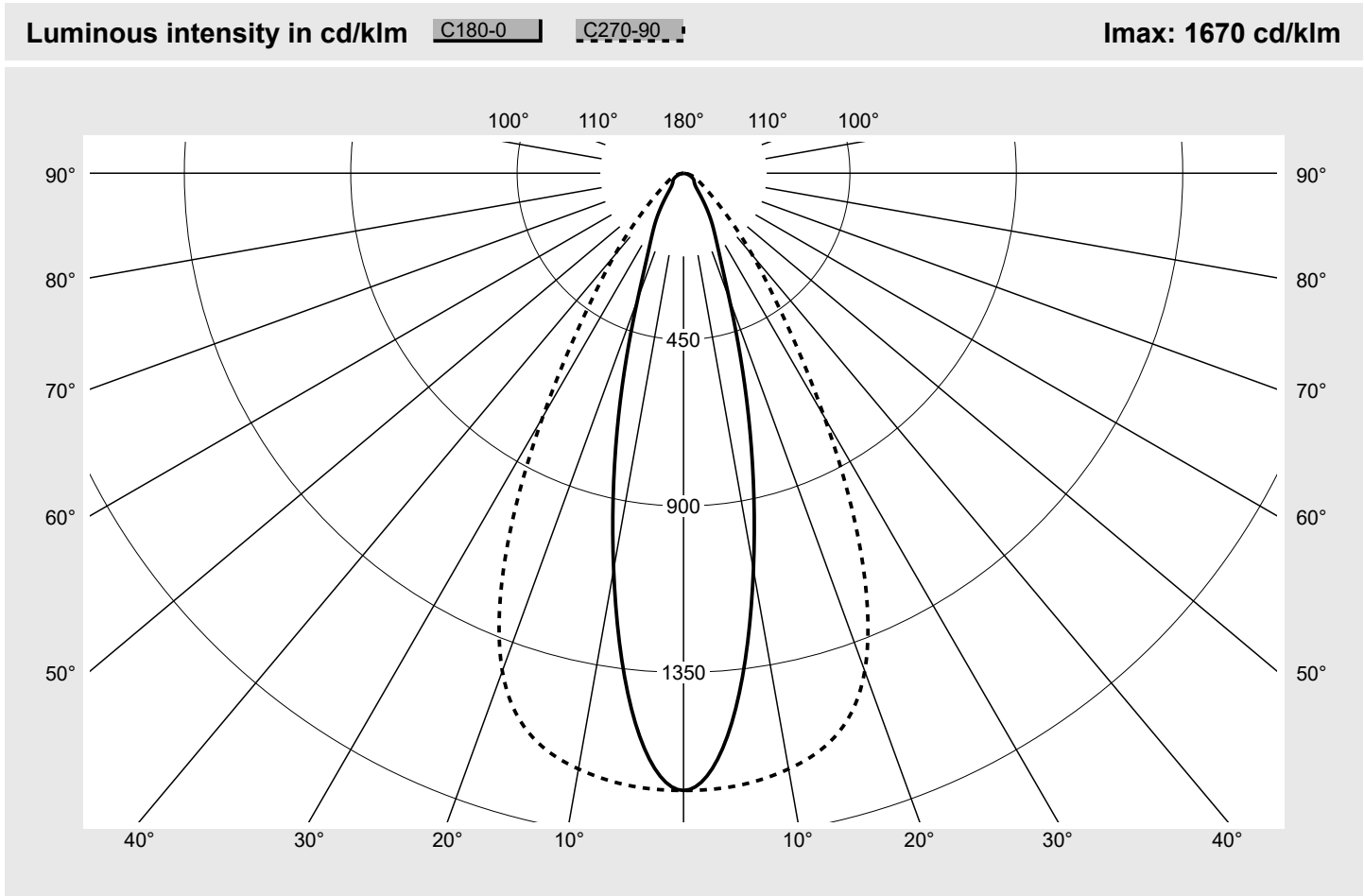


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1ECN49XG EAN: 4058352929889	LP number 59263_279
	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
		



Classifications		Luminaire light output ratios	
DIN 5040	A 7 0	η_{LB}	100.0%
CIE	N1=85 N2=95 N3=99	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1ECN49XG EAN: 4058352929889	LP number 59263_279
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	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: 51TL1ECN49XG EAN: 4058352929889	LP number 59263_279
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UGR-Table		Standard room									siteco	
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	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
		Luminance in cd/m²					
γ							
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: 51TL1ECN49XG
EAN: 4058352929889

LP number
59263_279

Luminance values in cd/m²

γ 65°

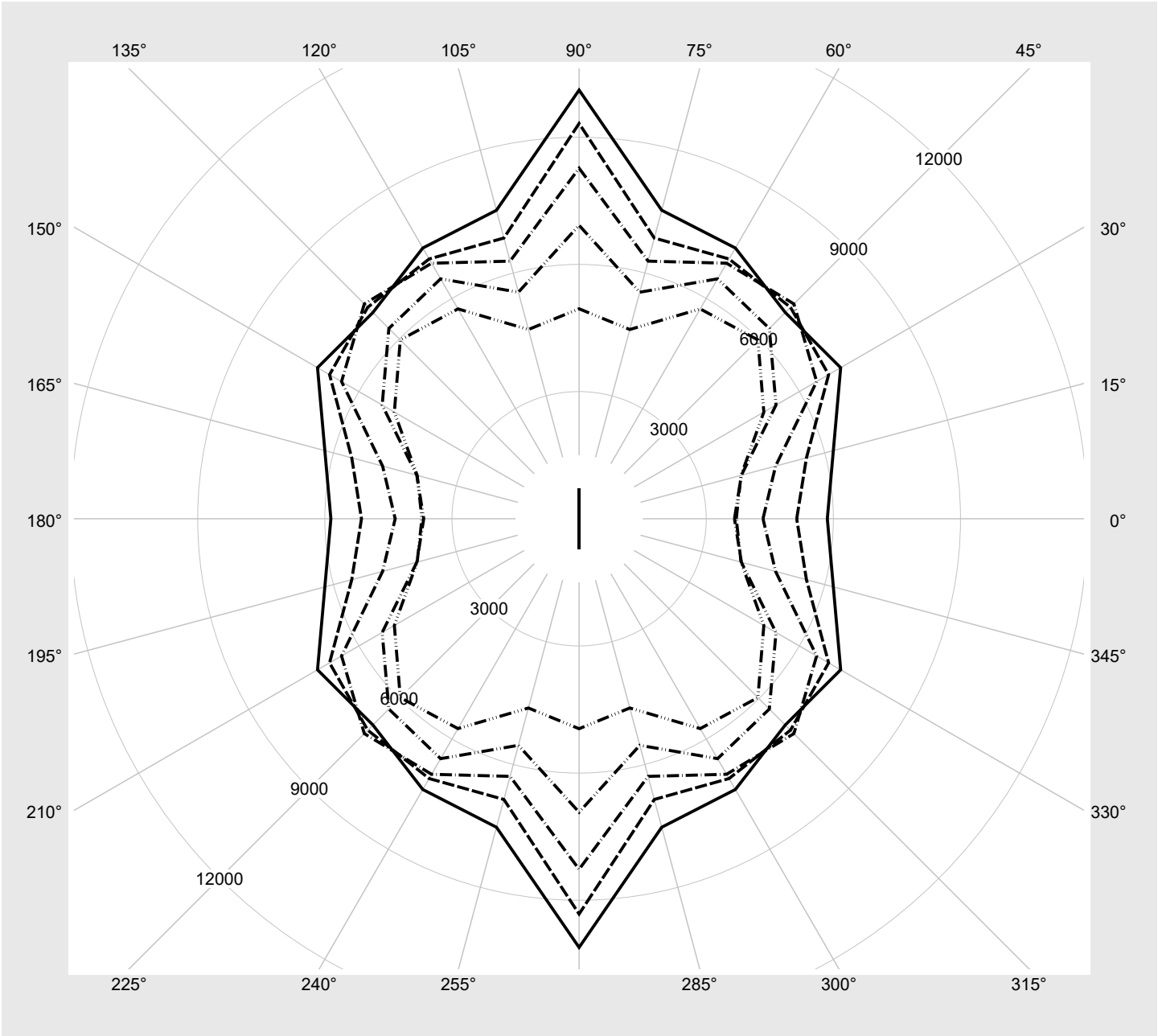
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1ECN49XG EAN: 4058352929889	LP number 59263_279
Multilumen Table	environmental temperature: 25°C	siteco

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	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