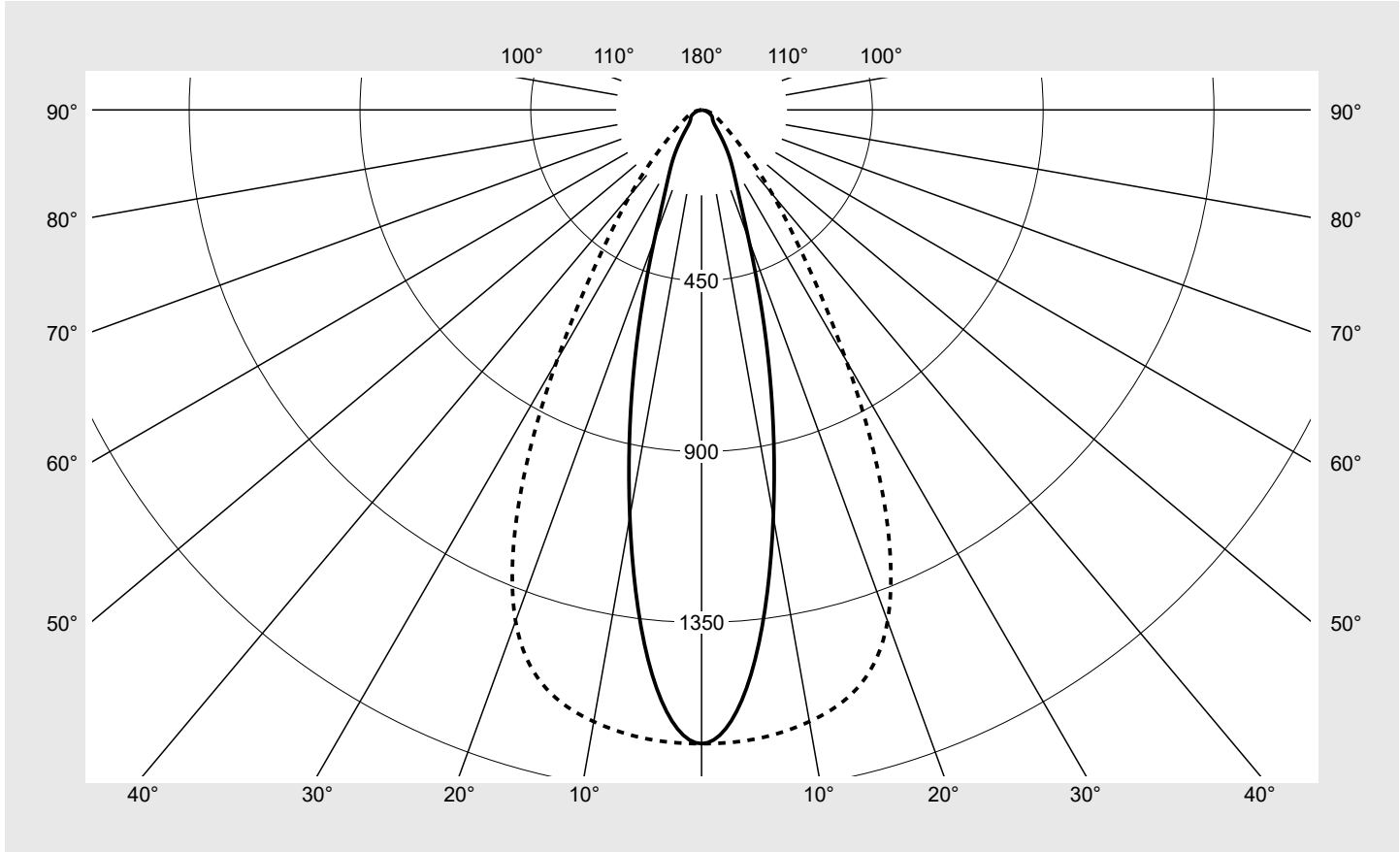


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1ECN4CXS EAN: 4058352940877	LP number 59263_280
	Version cover frosted, elliptical narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 12420 lm Power consumption = 66.5 W Luminous efficacy = 186.8 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: 51TL1ECN4CXS EAN: 4058352940877	LP number 59263_280
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: 51TL1ECN4CXS EAN: 4058352940877	LP number 59263_280
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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	15.9	17.1	16.3	17.4	17.8	20.9	22.1	21.3	22.5	22.8
	3H	17.1	18.2	17.5	18.5	18.9	21.5	22.5	21.9	22.9	23.2
	4H	17.4	18.5	17.8	18.8	19.2	21.8	22.7	22.2	23.1	23.5
	6H	17.7	18.6	18.1	19.0	19.4	22.0	22.8	22.4	23.2	23.6
	8H	17.9	18.7	18.3	19.0	19.5	22.1	22.9	22.6	23.3	23.7
	12H	17.9	18.7	18.3	19.1	19.5	22.2	22.8	22.6	23.2	23.7
4H	2H	16.7	17.7	17.1	18.0	18.4	20.9	21.9	21.3	22.3	22.7
	3H	18.2	19.0	18.6	19.4	19.8	21.6	22.5	22.0	22.8	23.3
	4H	18.7	19.4	19.1	19.8	20.3	22.0	22.7	22.4	23.1	23.6
	6H	18.9	19.6	19.4	20.0	20.5	22.3	22.9	22.7	23.3	23.8
	8H	19.1	19.6	19.5	20.1	20.6	22.4	22.9	22.9	23.4	23.9
	12H	19.2	19.7	19.6	20.1	20.6	22.5	22.9	23.0	23.4	23.9
8H	4H	19.1	19.7	19.6	20.1	20.6	22.1	22.7	22.6	23.1	23.6
	6H	19.6	20.0	20.1	20.5	21.0	22.5	22.9	23.0	23.4	23.9
	8H	19.7	20.1	20.2	20.6	21.2	22.6	23.0	23.1	23.5	24.0
	12H	19.8	20.2	20.4	20.7	21.3	22.7	23.0	23.2	23.5	24.1
12H	4H	19.2	19.6	19.7	20.1	20.6	22.1	22.6	22.6	23.0	23.5
	6H	19.7	20.1	20.2	20.6	21.1	22.5	22.9	23.0	23.4	23.9
	8H	19.9	20.2	20.4	20.7	21.3	22.6	23.0	23.2	23.5	24.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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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°		8780.0	9261.8	11740.4	17418.8	20095.0	29355.0	35722.6	
50°		8381.6	8657.2	9504.9	13555.4	15171.4	19839.6	24238.3	
55°		8602.2	8706.5	9139.3	10820.6	12573.3	14840.4	18348.1	
60°		8610.1	8893.0	9369.2	9772.4	11019.0	11986.3	15272.9	
65°		8082.8	8571.2	9835.6	9495.1	10177.8	10397.0	13955.7	
70°		7086.2	7664.7	9382.7	9734.6	9765.5	9461.2	12867.6	
75°		5988.5	6623.9	8932.2	9891.4	9605.7	8682.4	11411.6	
80°		5059.3	5471.2	7404.0	8761.3	9018.6	7635.8	9553.0	
85°		5118.7	5459.4	6946.6	8234.1	7888.5	6378.3	6835.3	

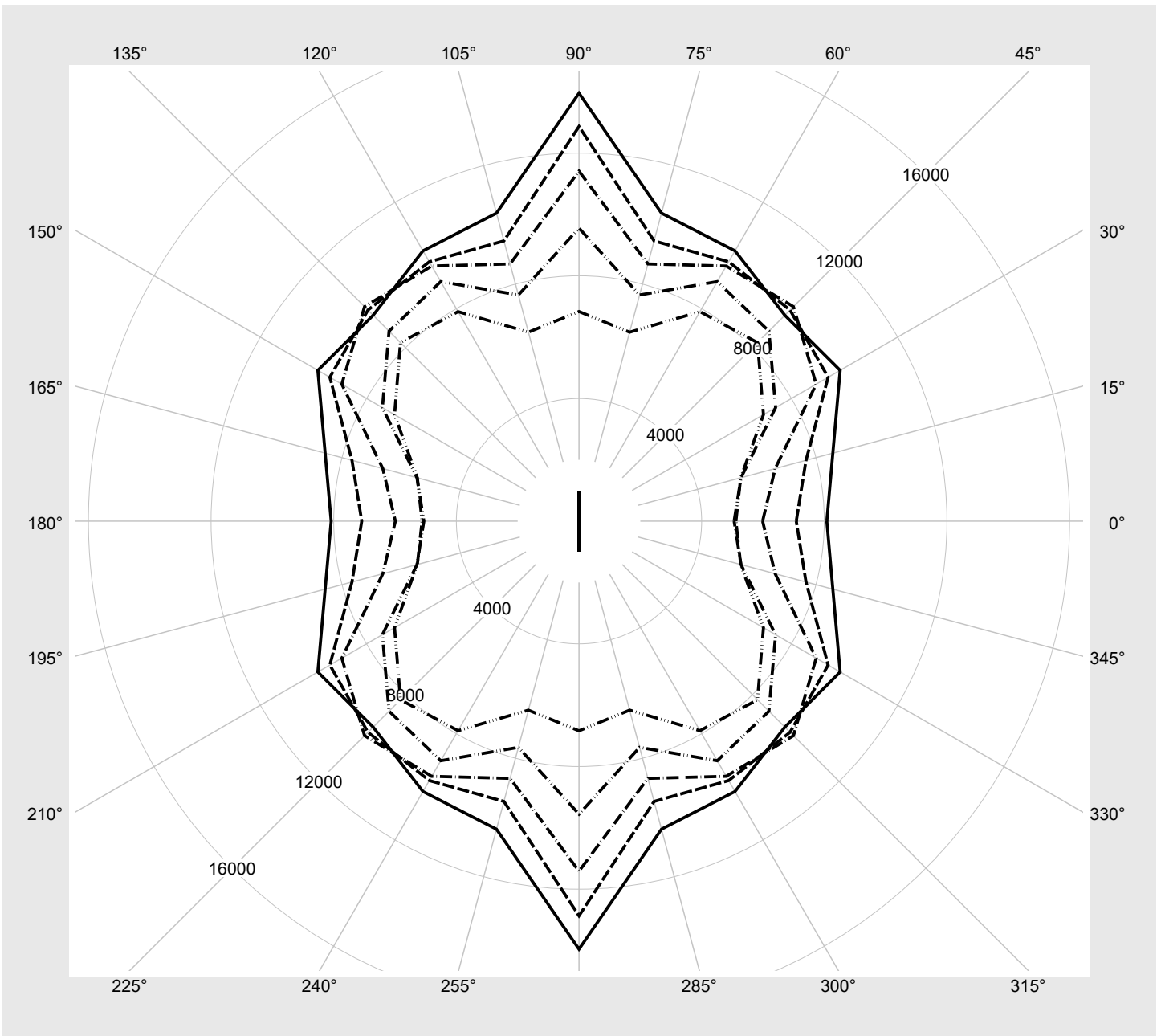
Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL1ECN4CXS
EAN: 4058352940877

LP number
59263_280

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: 51TL1ECN4CXS EAN: 4058352940877	LP number 59263_280
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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			end of lifetime [W]	average [W]
1	A	C	E	12420	66.5	70.0	68.2
2	A	C	F	11820	63.0	66.5	64.8
3	A	D	E	10840	57.3	60.4	58.8
4	A	D	F	9860	51.7	54.3	53.0
5	B	C	E	8860	46.2	48.7	47.4
6	B	C	F	7920	41.1	43.2	42.2
7	B	D	E	6900	35.6	37.3	36.4
8	B	D	F	5950	30.6	32.3	31.4