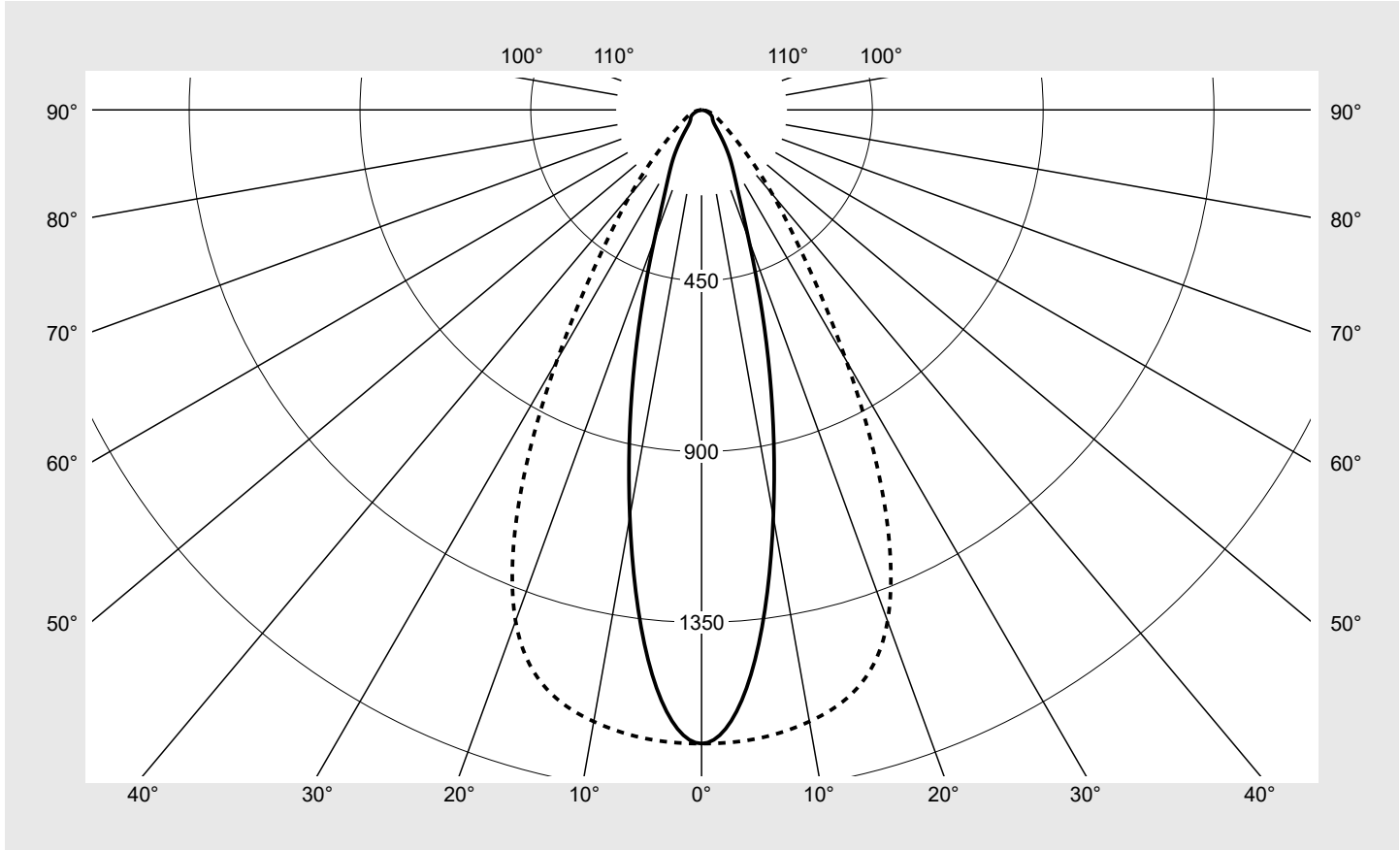


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1EMV4G5S EAN: 4058352940938	LP number 59263_247
	Version cover frosted, elliptical narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 16830 lm Power consumption = 89.2 W Luminous efficacy = 188.7 lm/W	serial documentation 11.10.2023
		

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: 51TL1EMV4G5S EAN: 4058352940938	LP number 59263_247
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: 51TL1EMV4G5S EAN: 4058352940938	LP number 59263_247
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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	15.6	16.8	15.9	17.1	17.4	20.6	21.8	20.9	22.1	22.4
	3H	16.7	17.8	17.1	18.2	18.5	21.1	22.2	21.5	22.5	22.9
	4H	17.1	18.1	17.5	18.5	18.8	21.4	22.4	21.8	22.7	23.1
	6H	17.3	18.3	17.7	18.6	19.0	21.6	22.5	22.1	22.9	23.3
	8H	17.5	18.3	17.9	18.7	19.1	21.8	22.5	22.2	22.9	23.3
	12H	17.5	18.3	18.0	18.7	19.1	21.8	22.5	22.3	22.9	23.3
4H	2H	16.4	17.3	16.8	17.7	18.1	20.5	21.6	20.9	21.9	22.3
	3H	17.8	18.6	18.2	19.0	19.4	21.3	22.1	21.7	22.5	22.9
	4H	18.3	19.0	18.8	19.5	19.9	21.6	22.4	22.1	22.8	23.2
	6H	18.6	19.2	19.1	19.7	20.2	21.9	22.6	22.4	23.0	23.5
	8H	18.7	19.3	19.2	19.7	20.2	22.1	22.6	22.5	23.0	23.5
	12H	18.8	19.3	19.3	19.8	20.3	22.1	22.6	22.6	23.0	23.5
8H	4H	18.8	19.3	19.3	19.8	20.3	21.7	22.3	22.2	22.8	23.2
	6H	19.3	19.7	19.8	20.2	20.7	22.1	22.6	22.6	23.1	23.6
	8H	19.4	19.8	19.9	20.3	20.8	22.3	22.7	22.8	23.2	23.7
	12H	19.5	19.8	20.0	20.4	20.9	22.4	22.7	22.9	23.2	23.7
12H	4H	18.8	19.3	19.3	19.8	20.3	21.7	22.2	22.2	22.7	23.2
	6H	19.3	19.7	19.8	20.2	20.7	22.1	22.5	22.6	23.0	23.5
	8H	19.5	19.9	20.1	20.4	20.9	22.3	22.6	22.8	23.1	23.7

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250
			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°		7931.7	8366.9	10606.0	15735.8	18153.5	26518.7	32271.2	
50°		7571.8	7820.7	8586.6	12245.7	13705.6	17922.7	21896.5	
55°		7771.1	7865.3	8256.3	9775.1	11358.5	13406.6	16575.3	
60°		7778.2	8033.8	8464.0	8828.2	9954.3	10828.2	13797.2	
65°		7301.8	7743.1	8885.3	8577.7	9194.4	9392.5	12607.3	
70°		6401.5	6924.1	8476.2	8794.0	8821.9	8547.0	11624.3	
75°		5409.9	5983.9	8069.2	8935.7	8677.6	7843.5	10309.0	
80°		4570.5	4942.6	6688.6	7914.8	8147.2	6898.0	8630.0	
85°		4624.1	4931.9	6275.5	7438.5	7126.3	5762.0	6174.8	

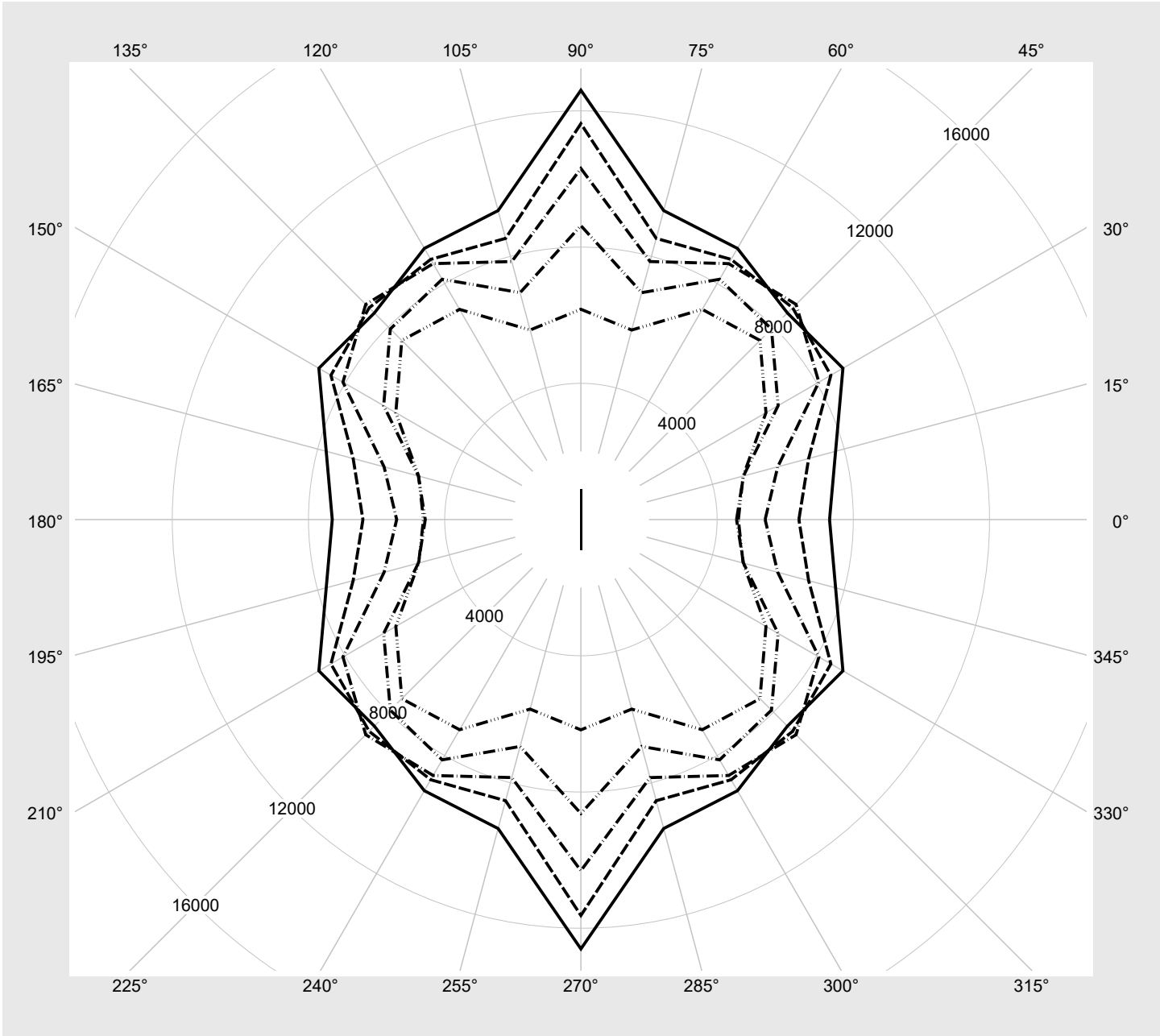
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL1EMV4G5S EAN: 4058352940938	LP number 59263_247
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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 Recessed

Order number: 51TL1EMV4G5S
EAN: 4058352940938

LP number
59263_247

Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	16830	89.2
2	A	C	F	15770	83.1
3	A	D	E	14780	77.4
4	A	D	F	13780	71.8
5	B	C	E	12780	66.1
6	B	C	F	11840	61.0
7	B	D	E	10830	55.5
8	B	D	F	9870	50.3