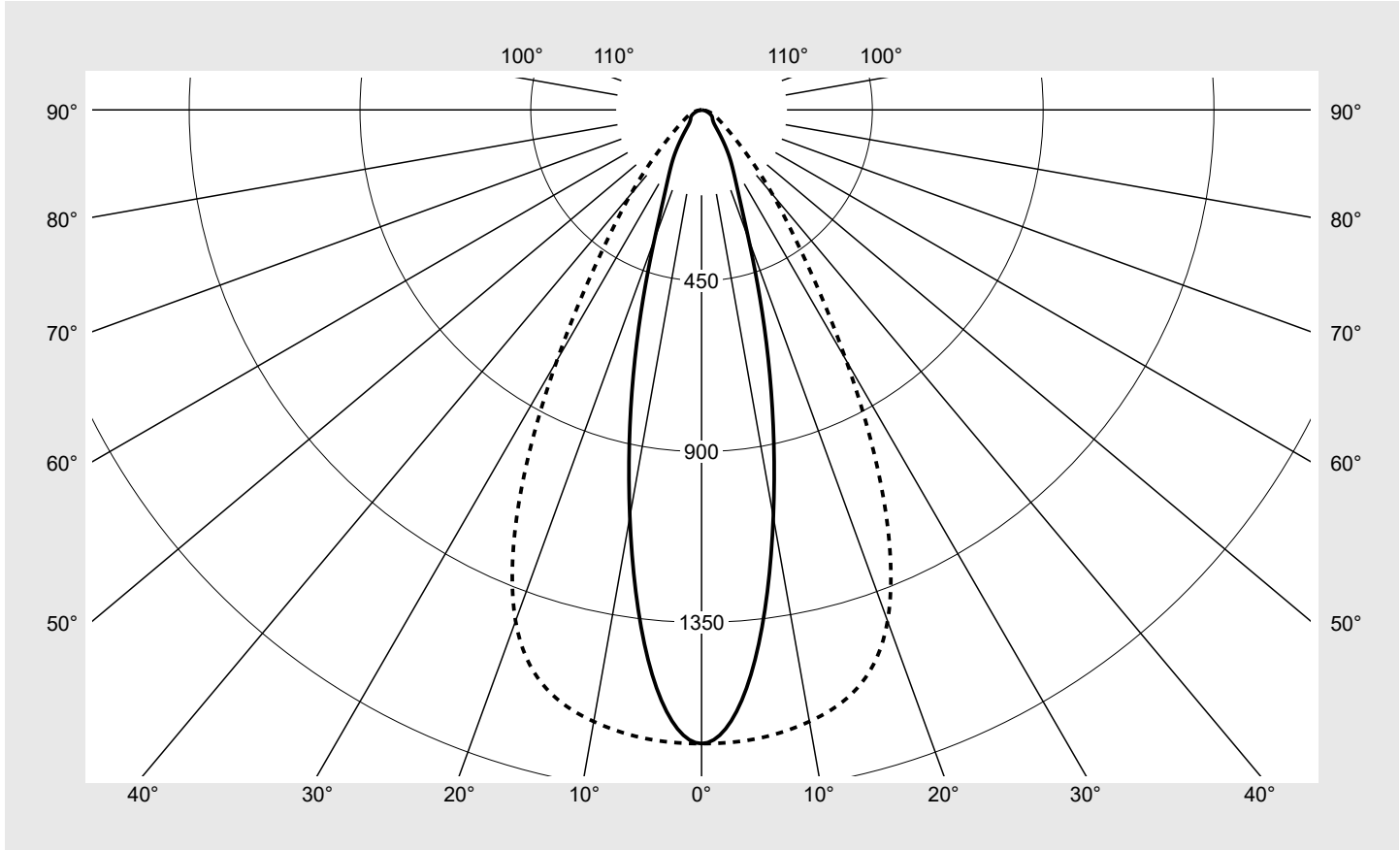


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EMN4D5S EAN: 4058352940631	LP number 59263_244
	Version cover frosted, elliptical narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Rated values Net luminous flux = 13740 lm Power consumption = 74.5 W Luminous efficacy = 184.4 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: 51TE1EMN4D5S EAN: 4058352940631	LP number 59263_244
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: 51TE1EMN4D5S EAN: 4058352940631	LP number 59263_244
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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	16.3	17.5	16.6	17.8	18.1	21.3	22.5	21.6	22.8	23.1
	3H	17.4	18.5	17.8	18.9	19.2	21.8	22.9	22.2	23.2	23.6
	4H	17.8	18.8	18.2	19.2	19.6	22.1	23.1	22.5	23.4	23.8
	6H	18.0	19.0	18.4	19.3	19.7	22.3	23.2	22.8	23.6	24.0
	8H	18.2	19.0	18.6	19.4	19.8	22.5	23.2	22.9	23.6	24.0
	12H	18.2	19.0	18.7	19.4	19.8	22.5	23.2	23.0	23.6	24.0
4H	2H	17.1	18.0	17.5	18.4	18.8	21.2	22.3	21.6	22.6	23.0
	3H	18.5	19.3	18.9	19.7	20.1	22.0	22.8	22.4	23.2	23.6
	4H	19.0	19.8	19.5	20.2	20.6	22.3	23.1	22.8	23.5	23.9
	6H	19.3	20.0	19.8	20.4	20.9	22.6	23.3	23.1	23.7	24.2
	8H	19.4	20.0	19.9	20.4	20.9	22.8	23.3	23.2	23.8	24.2
	12H	19.5	20.0	20.0	20.5	21.0	22.8	23.3	23.3	23.7	24.2
8H	4H	19.5	20.0	20.0	20.5	21.0	22.4	23.0	22.9	23.5	23.9
	6H	20.0	20.4	20.5	20.9	21.4	22.8	23.3	23.3	23.8	24.3
	8H	20.1	20.5	20.6	21.0	21.5	23.0	23.4	23.5	23.9	24.4
	12H	20.2	20.6	20.7	21.1	21.6	23.1	23.4	23.6	23.9	24.4
12H	4H	19.5	20.0	20.0	20.5	21.0	22.4	22.9	22.9	23.4	23.9
	6H	20.0	20.4	20.6	20.9	21.4	22.8	23.2	23.3	23.7	24.3
	8H	20.2	20.6	20.8	21.1	21.6	23.0	23.3	23.5	23.9	24.4

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°		9713.2	10246.1	12988.1	19270.0	22230.7	32474.8	39519.2	
50°		9272.4	9577.3	10515.1	14996.1	16783.8	21948.1	26814.4	
55°		9516.5	9631.8	10110.6	11970.6	13909.6	16417.7	20298.1	
60°		9525.1	9838.2	10365.0	10811.0	12190.1	13260.2	16896.1	
65°		8941.8	9482.2	10880.9	10504.2	11259.5	11502.0	15438.9	
70°		7839.3	8479.3	10379.9	10769.2	10803.3	10466.7	14235.1	
75°		6624.9	7327.9	9881.6	10942.7	10626.6	9605.1	12624.4	
80°		5597.0	6052.6	8190.9	9692.4	9977.1	8447.3	10568.3	
85°		5662.7	6039.6	7684.9	9109.2	8726.9	7056.1	7561.7	

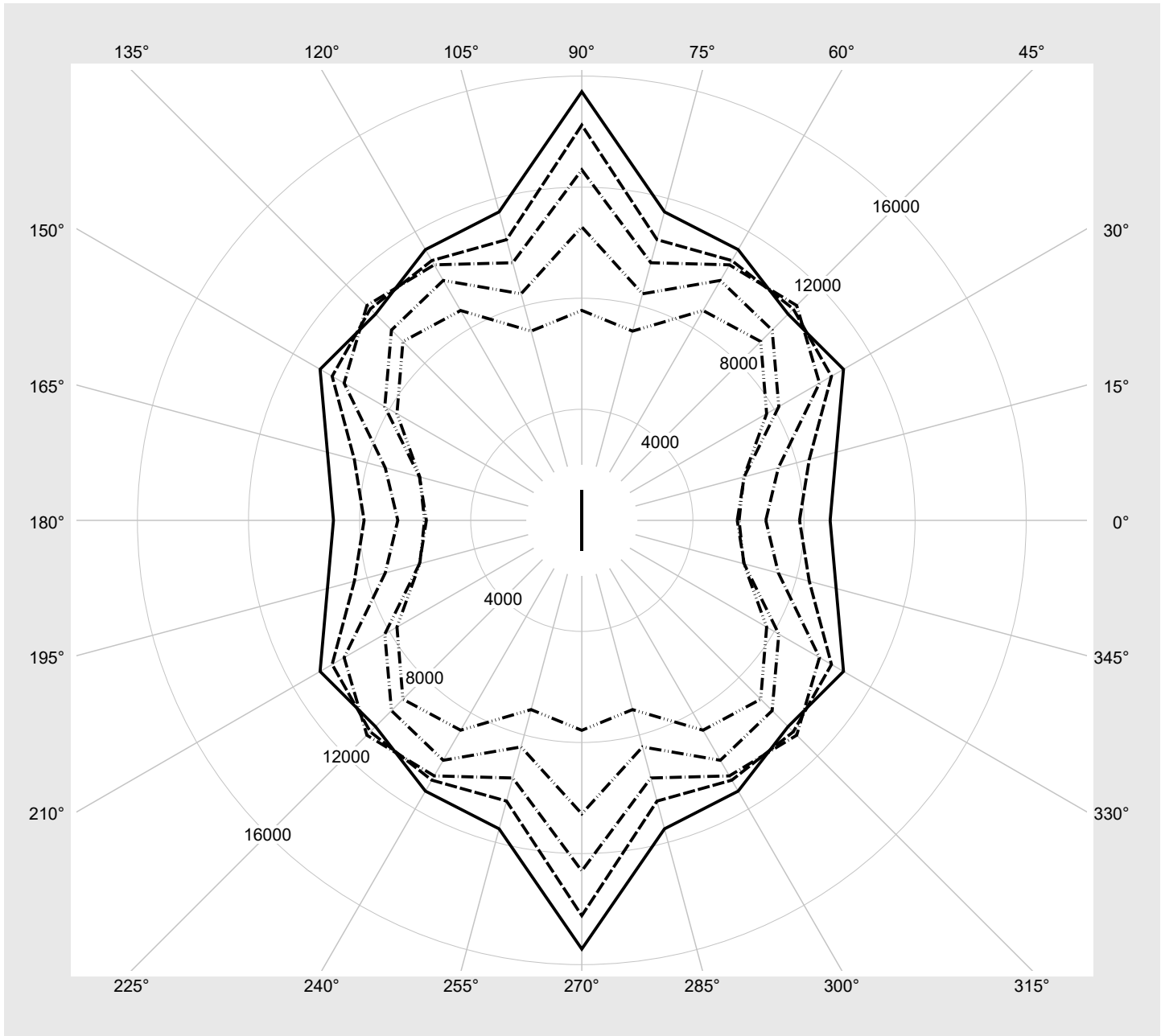
Photometric test report

Family Licross® 11 Recessed	Order number: 51TE1EMN4D5S EAN: 4058352940631	LP number 59263_244
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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: 51TE1EMN4D5S EAN: 4058352940631	LP number 59263_244
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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]
	1	2	3		
1	A	C	E	13740	74.5
2	A	C	F	12790	68.7
3	A	D	E	11820	63.0
4	A	D	F	10840	57.4
5	B	C	E	9850	51.7
6	B	C	F	8850	46.2
7	B	D	E	7920	41.1
8	B	D	F	6900	35.6