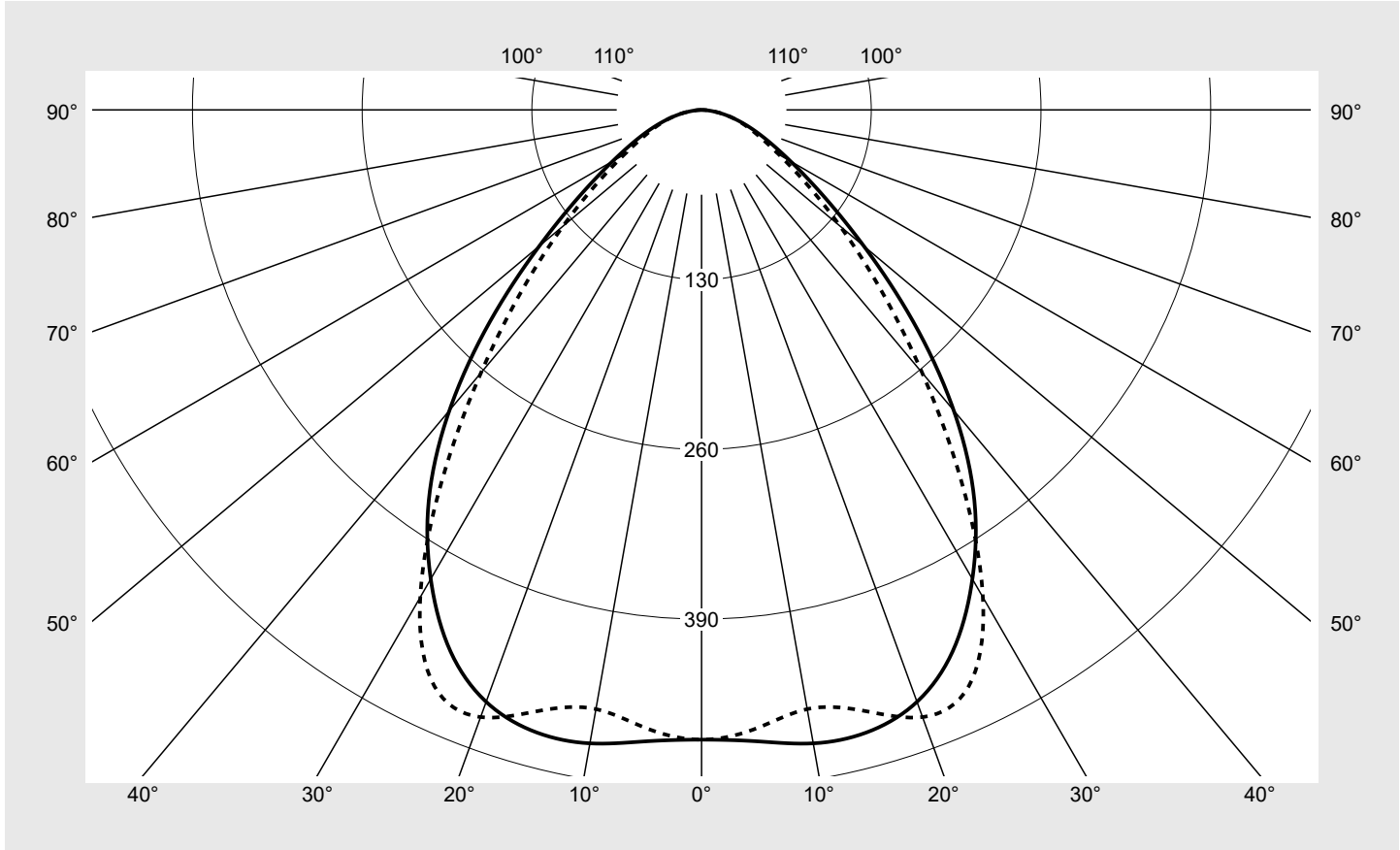


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DN4AXG EAN: 4058352926666	LP number 58637_162
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 10240 lm Power consumption = 56.7 W Luminous efficacy = 180.6 lm/W	serial documentation 21.09.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 498 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 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: 51TE12DN4AXG EAN: 4058352926666	LP number 58637_162
Table of values for luminous intensities		Maximum luminous intensity



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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	1000.0
90°	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: 51TE12DN4AXG EAN: 4058352926666	LP number 58637_162
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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	22.7	24.2	23.1	24.5	24.8	22.8	24.3	23.2	24.6	24.9
	3H	23.2	24.6	23.6	24.9	25.2	23.4	24.7	23.7	25.0	25.4
	4H	23.5	24.7	23.8	25.0	25.4	23.6	24.8	24.0	25.2	25.5
	6H	23.6	24.7	24.0	25.1	25.5	23.8	24.9	24.2	25.3	25.7
	8H	23.7	24.7	24.1	25.1	25.5	23.9	24.9	24.3	25.3	25.7
	12H	23.7	24.7	24.2	25.1	25.5	23.9	24.9	24.4	25.3	25.7
4H	2H	22.9	24.2	23.3	24.5	24.9	23.0	24.3	23.4	24.6	25.0
	3H	23.5	24.6	24.0	25.0	25.4	23.7	24.8	24.2	25.1	25.6
	4H	23.8	24.7	24.3	25.1	25.6	24.1	25.0	24.5	25.4	25.8
	6H	24.0	24.8	24.5	25.3	25.7	24.3	25.1	24.8	25.6	26.0
	8H	24.1	24.8	24.6	25.3	25.8	24.4	25.2	24.9	25.6	26.1
	12H	24.2	24.8	24.7	25.3	25.8	24.5	25.1	25.0	25.6	26.1
8H	4H	23.9	24.6	24.4	25.0	25.5	24.1	24.8	24.6	25.3	25.8
	6H	24.1	24.7	24.6	25.2	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.2	24.8	24.7	25.2	25.8	24.6	25.1	25.1	25.6	26.1
	12H	24.3	24.7	24.8	25.2	25.8	24.7	25.1	25.2	25.6	26.2
12H	4H	23.9	24.5	24.4	25.0	25.5	24.1	24.7	24.6	25.2	25.7
	6H	24.2	24.7	24.7	25.1	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.3	24.7	24.8	25.2	25.7	24.6	25.0	25.1	25.5	26.1

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°		38143.6	37669.5	39700.7	43242.7	41141.7	35261.7	32184.5	
50°		29719.0	29176.8	29591.0	31794.9	31958.6	28425.2	25362.3	
55°		23081.9	22159.3	21569.2	23053.4	24961.6	22766.8	19941.7	
60°		18528.5	17217.6	16083.6	17215.7	19692.6	18212.1	16113.3	
65°		15605.7	13969.5	12540.8	13489.7	15821.3	15178.2	13825.0	
70°		13588.5	11866.5	10157.8	11045.7	13002.5	13255.1	12606.4	
75°		11807.9	10015.7	8382.6	9183.9	10854.3	11790.2	11726.5	
80°		10073.7	8254.4	6696.8	7332.6	8780.4	10060.1	10384.1	
85°		7225.0	5844.8	4842.8	5381.6	6370.2	7515.4	7828.7	

Photometric test report

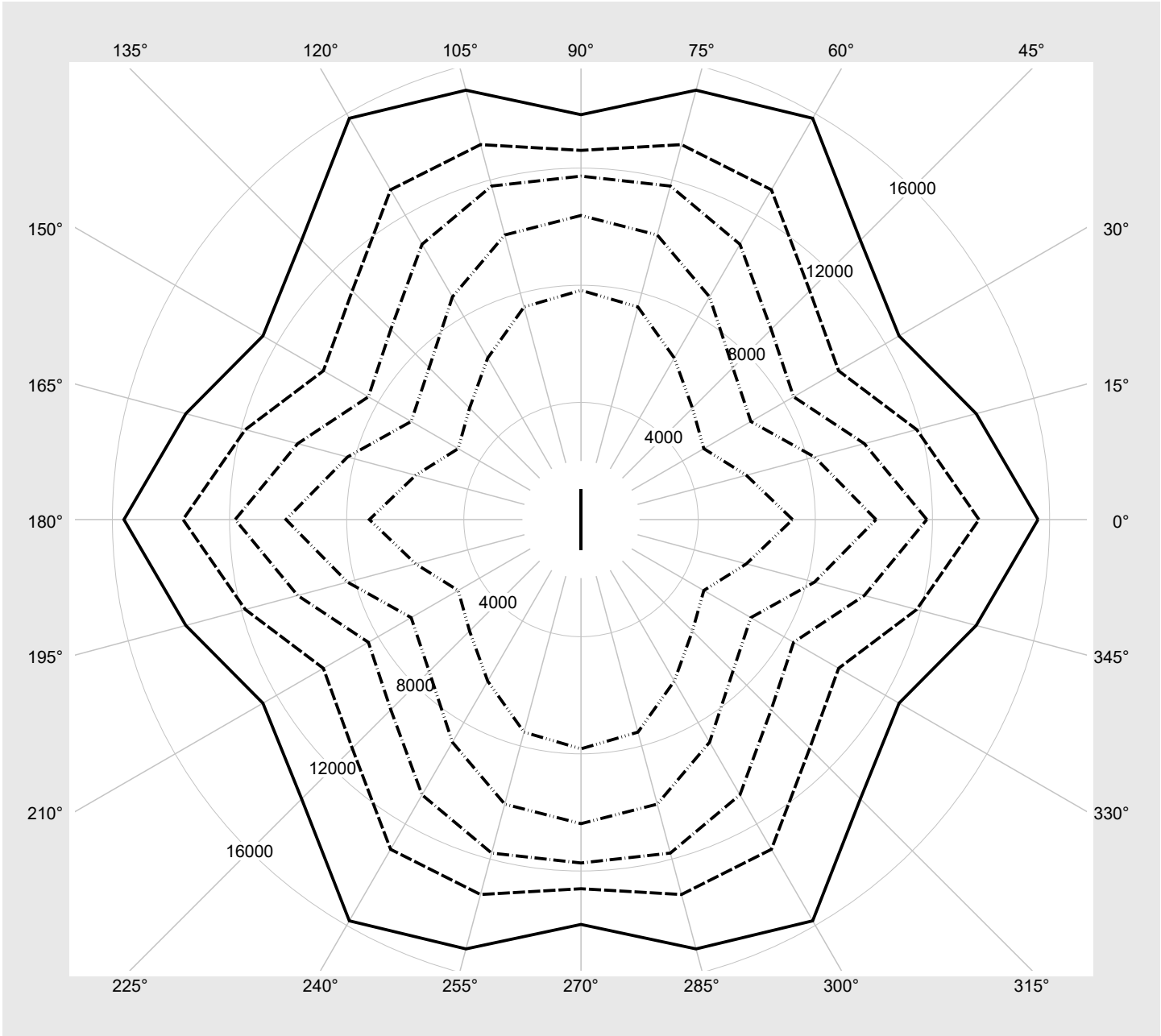
Family
Licross® 11 Recessed

Order number: 51TE12DN4AXG
EAN: 4058352926666

LP number
58637_162

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DN4AXG EAN: 4058352926666	LP number 58637_162
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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	10240	56.7
95	240	252	9723	53.6
90	226	250	9198	50.4
85	213	248	8708	47.5
80	199	245	8176	44.4
75	186	243	7674	41.5
70	173	240	7172	38.5
65	160	237	6664	35.7
60	147	234	6151	32.8
55	134	231	5629	29.9
50	121	227	5106	27.2
45	109	223	4619	24.6
40	96	218	4083	21.9
35	84	213	3588	19.3
30	72	208	3088	16.9
25	60	201	2581	14.4
20	47	192	2030	11.6
15	35	181	1517	9.1
10	24	168	1042	6.8
5	12	142	517	4.4
2	4	102	167	2.8