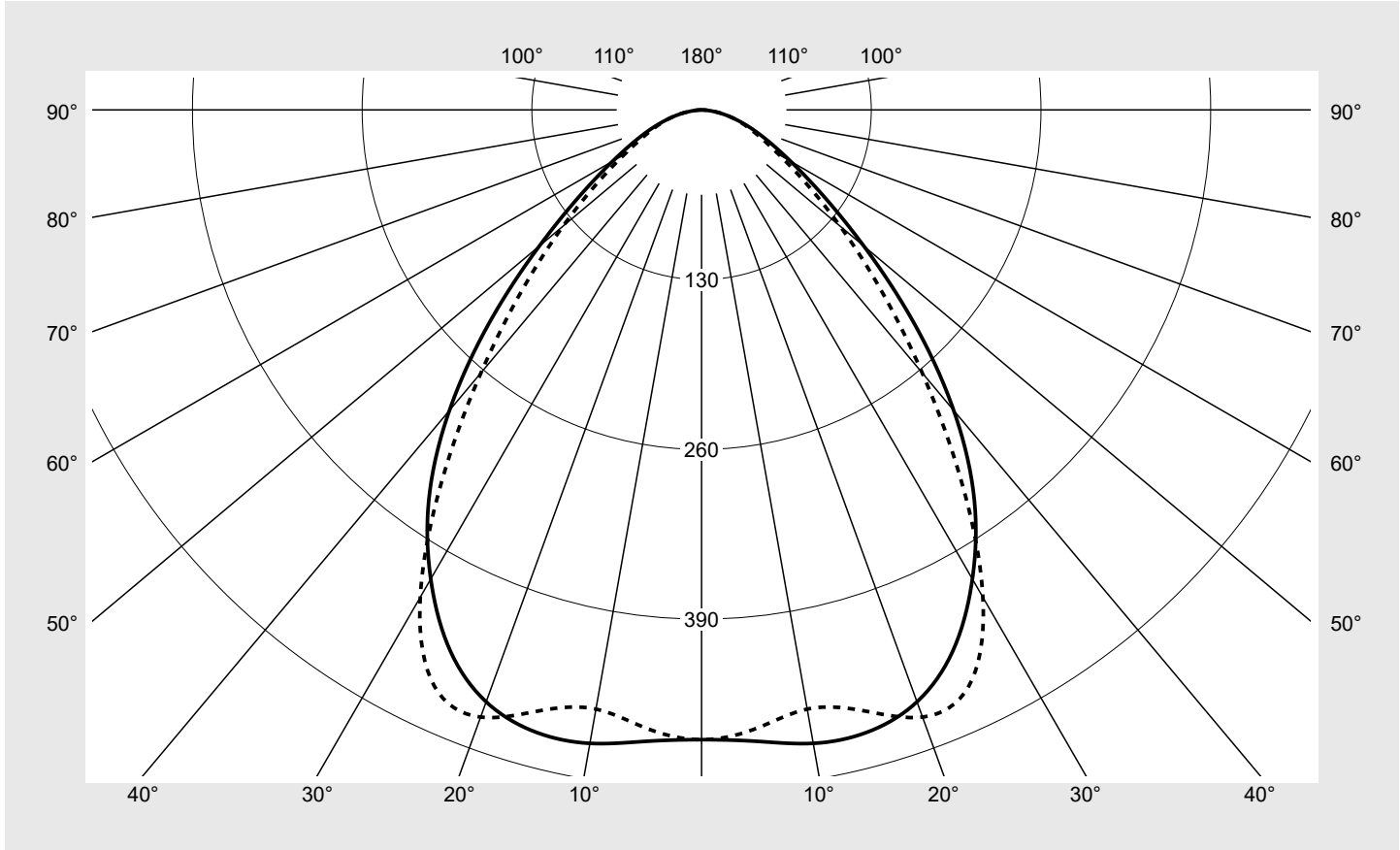


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DN5AXG EAN: 4069025489760	LP number 58637_266
	Version cover frosted, wide distribution, high visual comfort Lamps LED 5000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 10080 lm Power consumption = 56.7 W Luminous efficacy = 177.8 lm/W	serial documentation 03.07.2025



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: 51TE12DN5AXG EAN: 4069025489760	LP number 58637_266
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°	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: 51TE12DN5AXG EAN: 4069025489760	LP number 58637_266
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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	22.6	24.1	23.0	24.4	24.8	22.7	24.2	23.1	24.5	24.9
	3H	23.2	24.5	23.6	24.8	25.2	23.3	24.6	23.7	25.0	25.3
	4H	23.4	24.6	23.8	25.0	25.4	23.5	24.8	23.9	25.1	25.5
	6H	23.6	24.7	24.0	25.1	25.5	23.7	24.9	24.1	25.2	25.6
	8H	23.7	24.7	24.1	25.1	25.5	23.8	24.9	24.3	25.2	25.7
	12H	23.7	24.7	24.1	25.0	25.5	23.9	24.8	24.3	25.2	25.6
4H	2H	22.9	24.1	23.3	24.5	24.8	23.0	24.2	23.4	24.6	24.9
	3H	23.5	24.5	23.9	24.9	25.3	23.7	24.7	24.1	25.1	25.5
	4H	23.8	24.7	24.2	25.1	25.5	24.0	24.9	24.5	25.3	25.8
	6H	24.0	24.8	24.5	25.2	25.7	24.3	25.1	24.8	25.5	26.0
	8H	24.1	24.8	24.5	25.2	25.7	24.4	25.1	24.9	25.6	26.0
	12H	24.1	24.8	24.6	25.2	25.7	24.5	25.1	25.0	25.5	26.0
8H	4H	23.8	24.5	24.3	25.0	25.5	24.1	24.8	24.5	25.2	25.7
	6H	24.1	24.7	24.6	25.1	25.7	24.4	25.0	24.9	25.5	26.0
	8H	24.2	24.7	24.7	25.2	25.7	24.5	25.1	25.0	25.5	26.1
	12H	24.3	24.7	24.8	25.2	25.7	24.6	25.1	25.2	25.6	26.1
12H	4H	23.8	24.5	24.3	24.9	25.4	24.1	24.7	24.6	25.2	25.6
	6H	24.1	24.6	24.6	25.1	25.6	24.4	24.9	24.9	25.4	25.9
	8H	24.2	24.6	24.7	25.1	25.7	24.6	25.0	25.1	25.5	26.0

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°		37547.6	37080.9	39080.4	42567.1	40498.9	34710.8	31681.6
50°		29254.7	28720.9	29128.7	31298.1	31459.3	27981.0	24966.0
55°		22721.3	21813.1	21232.2	22693.2	24571.6	22411.0	19630.1
60°		18239.0	16948.5	15832.3	16946.7	19384.9	17927.6	15861.5
65°		15361.9	13751.2	12344.8	13278.9	15574.1	14941.1	13609.0
70°		13376.2	11681.1	9999.1	10873.1	12799.3	13047.9	12409.4
75°		11623.4	9859.2	8251.7	9040.4	10684.7	11605.9	11543.3
80°		9916.3	8125.4	6592.2	7218.0	8643.2	9902.9	10221.9
85°		7112.1	5753.5	4767.1	5297.5	6270.6	7397.9	7706.3

Photometric test report

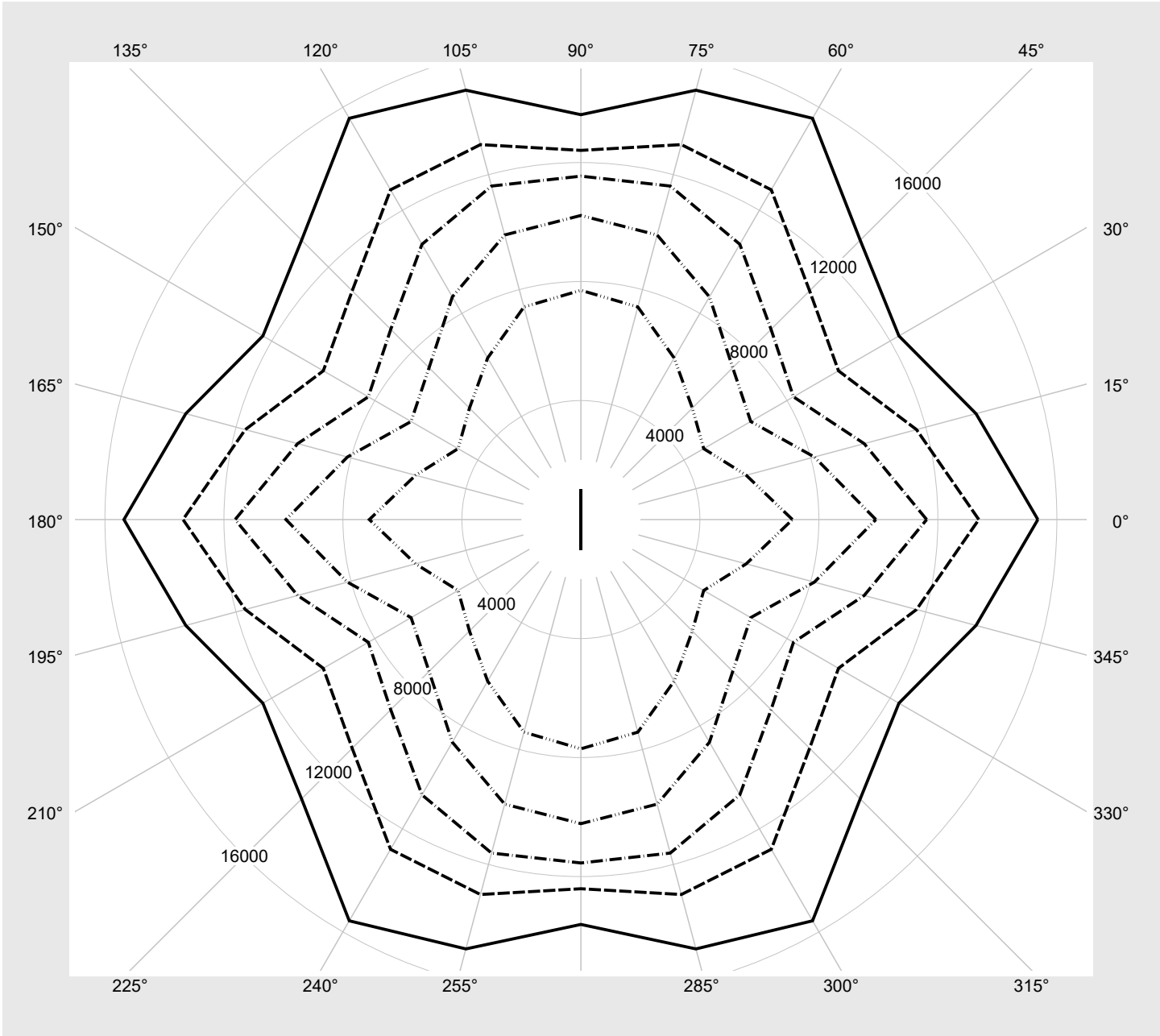
Family
Licross® 11 Recessed

Order number: 51TE12DN5AXG
EAN: 4069025489760

LP number
58637_266

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12DN5AXG EAN: 4069025489760	LP number 58637_266
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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	10080	56.7
95	240	252	9570	53.6
90	227	250	9089	50.6
85	213	248	8568	47.5
80	200	245	8081	44.6
75	186	243	7550	41.5
70	173	240	7055	38.5
65	160	237	6554	35.7
60	147	234	6049	32.8
55	134	231	5536	29.9
50	121	227	5020	27.2
45	109	223	4541	24.6
40	96	218	4015	21.9
35	84	213	3527	19.3
30	72	208	3035	16.9
25	60	201	2536	14.4
20	48	193	2037	11.8
15	36	182	1532	9.3
10	24	168	1024	6.8
5	12	142	508	4.4
2	4	102	164	2.8