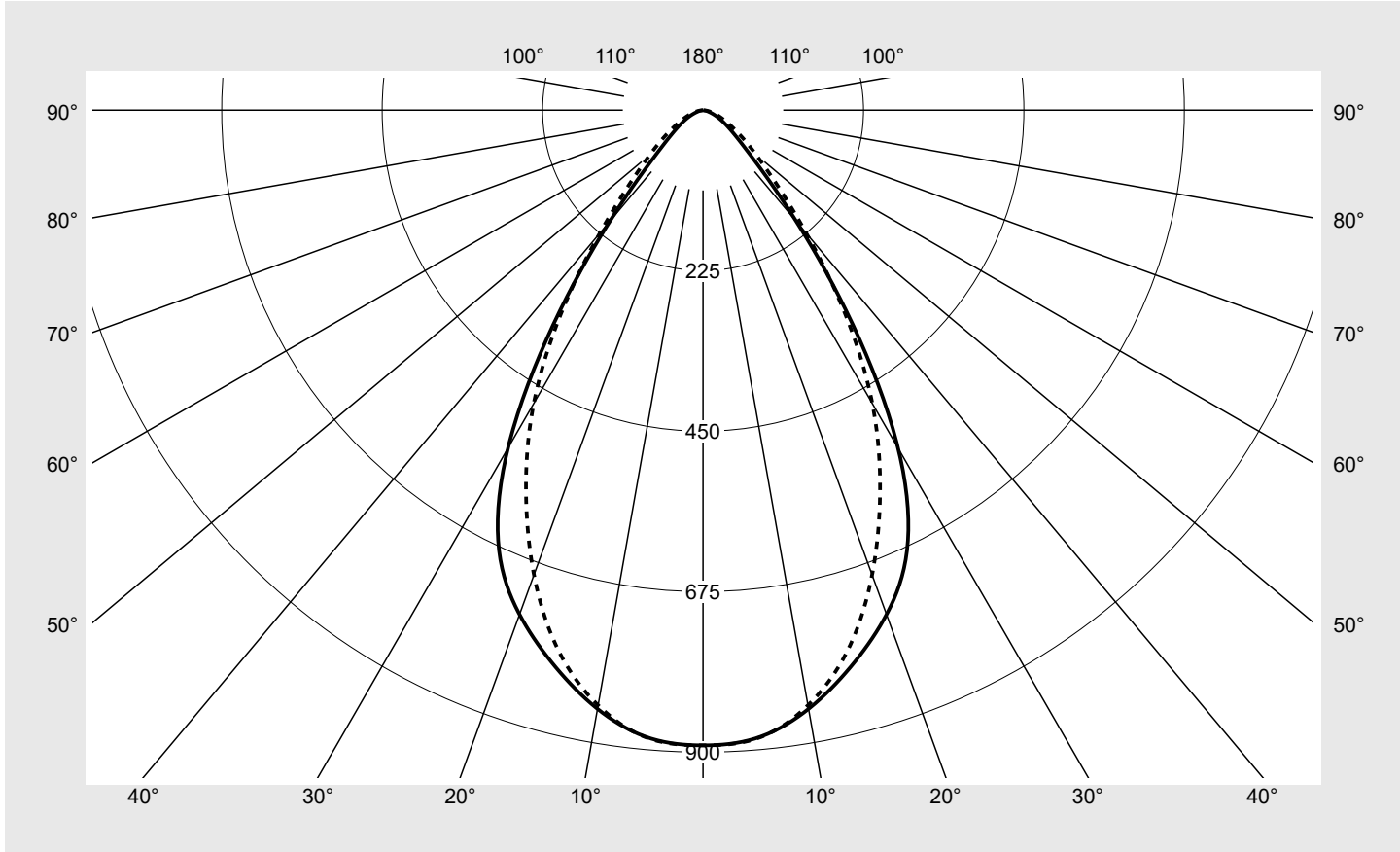


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18VN455G EAN: 4058352066478	LP number 58691_212
	Version cover frosted, medium distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI CLO Rated values Net luminous flux = 5560 lm Power consumption = 30.0 W Luminous efficacy = 185.3 lm/W	serial documentation 13.11.2025

siteco

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 890 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=83 N2=96 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

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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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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: 51TL18VN455G EAN: 4058352066478	LP number 58691_212
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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	16.9	18.2	17.3	18.5	18.9	17.8	19.2	18.2	19.5	19.8
	3H	17.1	18.3	17.5	18.6	18.9	18.3	19.5	18.7	19.8	20.2
	4H	17.1	18.2	17.5	18.5	18.9	18.5	19.6	18.9	19.9	20.3
	6H	17.1	18.1	17.5	18.5	18.9	18.6	19.6	19.1	20.0	20.4
	8H	17.2	18.0	17.6	18.4	18.8	18.8	19.6	19.2	20.0	20.4
	12H	17.2	18.0	17.6	18.4	18.8	18.8	19.5	19.2	19.9	20.3
4H	2H	17.1	18.1	17.5	18.5	18.9	17.9	19.0	18.3	19.3	19.7
	3H	17.4	18.2	17.8	18.6	19.1	18.6	19.5	19.0	19.9	20.3
	4H	17.4	18.2	17.9	18.6	19.1	18.9	19.7	19.3	20.1	20.5
	6H	17.4	18.1	17.9	18.6	19.0	19.1	19.8	19.6	20.2	20.7
	8H	17.5	18.1	17.9	18.5	19.0	19.2	19.8	19.6	20.2	20.7
	12H	17.5	18.0	18.0	18.4	18.9	19.2	19.7	19.7	20.2	20.7
8H	4H	17.5	18.1	18.0	18.6	19.1	18.9	19.5	19.4	20.0	20.4
	6H	17.6	18.1	18.1	18.5	19.0	19.2	19.7	19.7	20.2	20.7
	8H	17.6	18.0	18.1	18.5	19.0	19.3	19.7	19.8	20.2	20.7
	12H	17.6	17.9	18.1	18.4	19.0	19.4	19.7	19.9	20.2	20.8
12H	4H	17.6	18.1	18.1	18.5	19.0	18.9	19.4	19.4	19.9	20.4
	6H	17.6	18.0	18.1	18.5	19.0	19.2	19.6	19.7	20.1	20.6
	8H	17.6	18.0	18.1	18.5	19.0	19.3	19.6	19.8	20.2	20.7

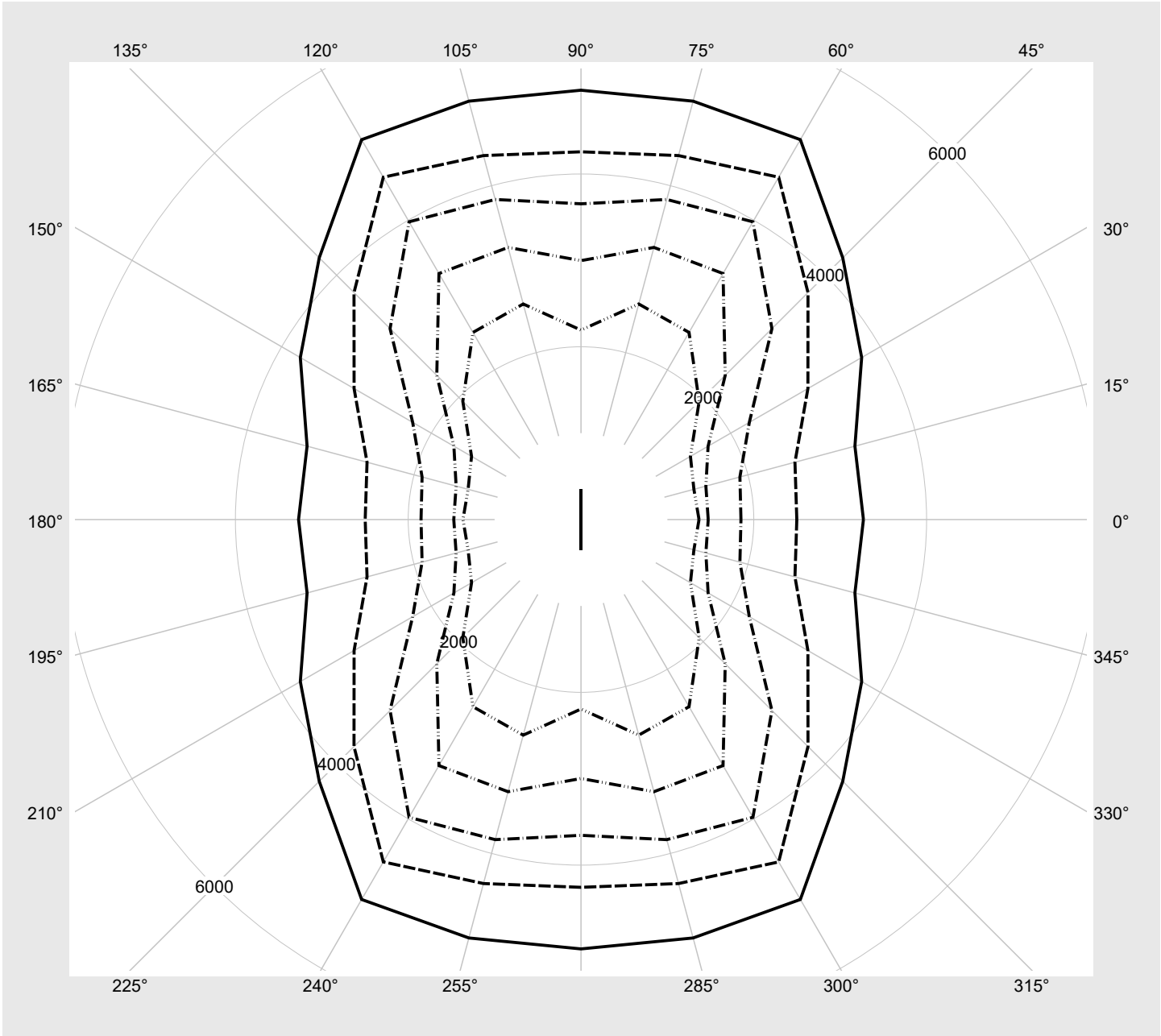
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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C-planes	γ	Luminance in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		9835.5	9763.8	9277.9	9368.2	11200.4	12605.1	13027.3
50°		6636.1	6571.9	6240.0	6624.2	8345.0	9425.1	9668.8
55°		5079.3	5048.2	5051.0	5455.7	6780.6	7463.0	7553.4
60°		4081.2	4061.0	4364.8	4861.2	5772.7	6019.4	6013.7
65°		3269.1	3282.4	3751.1	4284.6	5077.8	5013.8	4969.8
70°		2497.9	2563.8	3032.7	3715.6	4575.9	4361.7	4256.9
75°		1851.4	1904.3	2249.7	3125.3	3979.9	3835.7	3654.9
80°		1472.5	1496.4	1698.8	2360.6	3288.4	3261.1	2997.3
85°		1366.1	1352.9	1462.9	1934.3	2501.2	2583.3	2193.2

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18VN455G EAN: 4058352066478	LP number 58691_212
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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: 51TL18VN455G EAN: 4058352066478	LP number 58691_212
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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	Power consumption	Power consumption
				[W] start of lifetime	[W] end of lifetime	[W] average
100	254	254	5560	30.0	31.6	30.8
95	241	252	5287	28.6	30.0	29.3
90	227	250	4994	27.2	28.4	27.8
85	214	248	4719	25.7	27.0	26.4
80	201	245	4443	24.3	25.4	24.8
75	188	243	4163	22.8	23.9	23.4
70	175	240	3885	21.3	22.4	21.8
65	162	238	3605	19.9	20.8	20.4
60	150	235	3345	18.5	19.4	19.0
55	137	231	3063	17.0	17.9	17.4
50	124	228	2778	15.4	16.3	15.8
45	112	224	2512	14.0	14.7	14.4
40	99	219	2226	12.4	13.1	12.8
35	86	214	1937	10.9	11.4	11.2
30	74	209	1670	9.6	10.0	9.8
25	61	202	1379	8.1	8.5	8.3
20	49	194	1109	6.7	7.0	6.8
15	37	183	836	5.3	5.5	5.4
10	25	169	563	3.7	3.9	3.8