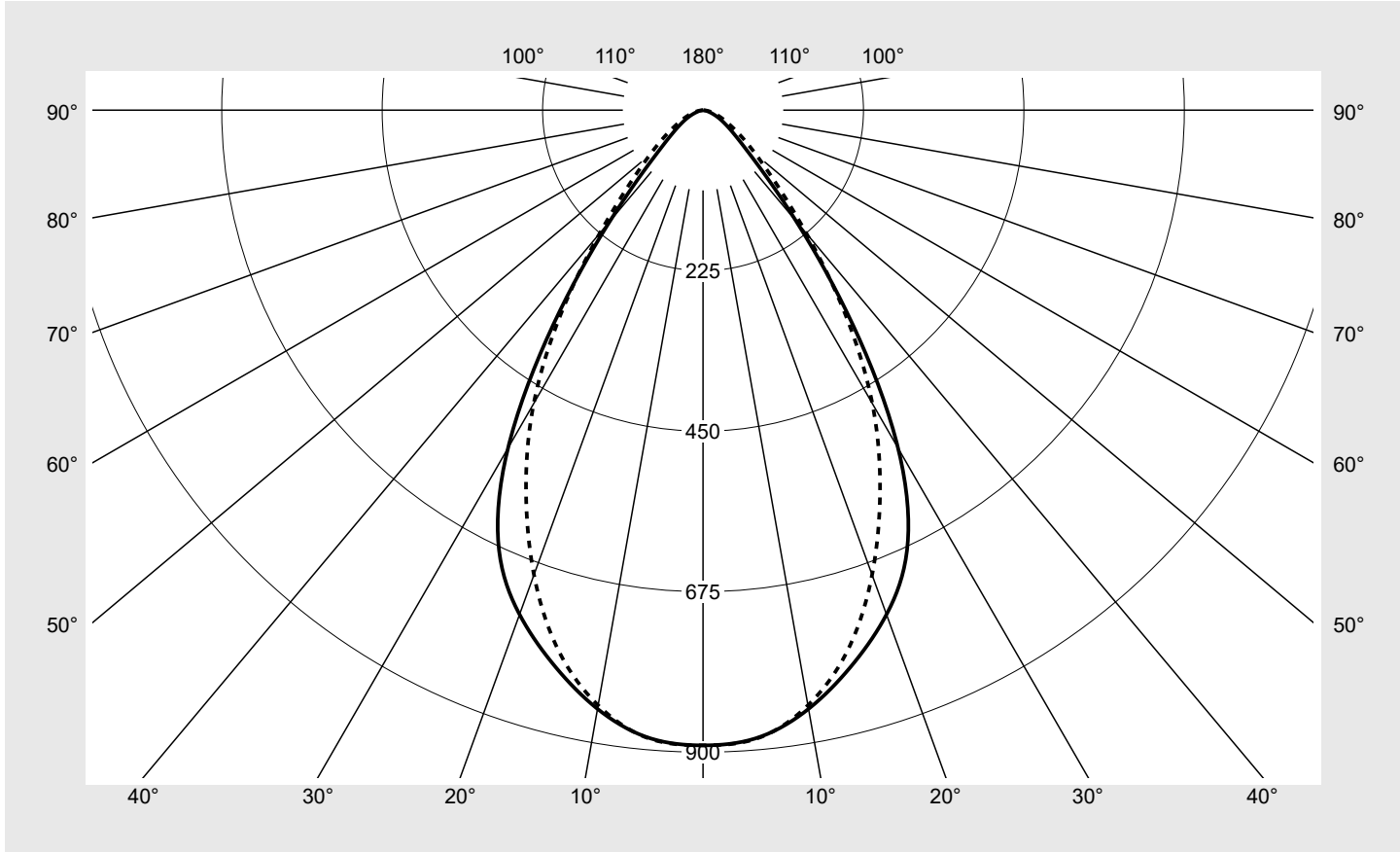


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18VN465G EAN: 4058352972359	LP number 58691_213
	Version cover frosted, medium distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI CLO Rated values Net luminous flux = 6520 lm Power consumption = 36.0 W Luminous efficacy = 181.1 lm/W	serial documentation 13.11.2025




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

Family Licross® 11 Recessed	Order number: 51TL18VN465G EAN: 4058352972359	LP number 58691_213
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: 51TL18VN465G EAN: 4058352972359	LP number 58691_213
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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	17.5	18.8	17.8	19.1	19.4	18.4	19.7	18.8	20.0	20.3
	3H	17.7	18.8	18.0	19.1	19.5	18.9	20.0	19.3	20.4	20.7
	4H	17.7	18.7	18.1	19.1	19.5	19.1	20.1	19.5	20.5	20.9
	6H	17.7	18.6	18.1	19.0	19.4	19.2	20.2	19.6	20.5	20.9
	8H	17.8	18.6	18.2	19.0	19.4	19.3	20.1	19.8	20.5	20.9
	12H	17.8	18.5	18.2	18.9	19.3	19.3	20.1	19.8	20.5	20.9
4H	2H	17.6	18.7	18.0	19.1	19.4	18.5	19.5	18.9	19.9	20.3
	3H	17.9	18.8	18.3	19.2	19.6	19.1	20.0	19.6	20.4	20.8
	4H	18.0	18.8	18.4	19.2	19.6	19.4	20.2	19.9	20.6	21.1
	6H	18.0	18.7	18.5	19.1	19.6	19.6	20.3	20.1	20.8	21.2
	8H	18.0	18.6	18.5	19.1	19.5	19.7	20.3	20.2	20.8	21.2
	12H	18.0	18.5	18.5	19.0	19.5	19.8	20.3	20.3	20.7	21.2
8H	4H	18.1	18.7	18.6	19.1	19.6	19.5	20.1	19.9	20.5	21.0
	6H	18.1	18.6	18.6	19.1	19.6	19.8	20.2	20.2	20.7	21.2
	8H	18.1	18.6	18.6	19.0	19.6	19.8	20.3	20.3	20.8	21.3
	12H	18.2	18.5	18.7	19.0	19.5	19.9	20.3	20.5	20.8	21.3
12H	4H	18.1	18.6	18.6	19.1	19.6	19.5	20.0	20.0	20.4	20.9
	6H	18.2	18.6	18.7	19.0	19.6	19.8	20.1	20.3	20.6	21.2
	8H	18.2	18.5	18.7	19.0	19.6	19.9	20.2	20.4	20.7	21.3

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°		11533.7	11449.6	10879.9	10985.7	13134.3	14781.5	15276.6	
50°		7781.9	7706.6	7317.4	7767.9	9785.9	11052.5	11338.2	
55°		5956.3	5919.9	5923.1	6397.7	7951.3	8751.6	8857.6	
60°		4785.8	4762.1	5118.4	5700.6	6769.4	7058.7	7052.1	
65°		3833.5	3849.1	4398.8	5024.4	5954.5	5879.5	5827.9	
70°		2929.2	3006.5	3556.3	4357.1	5366.0	5114.9	4991.9	
75°		2171.1	2233.1	2638.1	3664.9	4667.1	4498.0	4286.0	
80°		1726.7	1754.8	1992.2	2768.1	3856.1	3824.2	3514.8	
85°		1601.9	1586.5	1715.4	2268.3	2933.0	3029.3	2571.9	

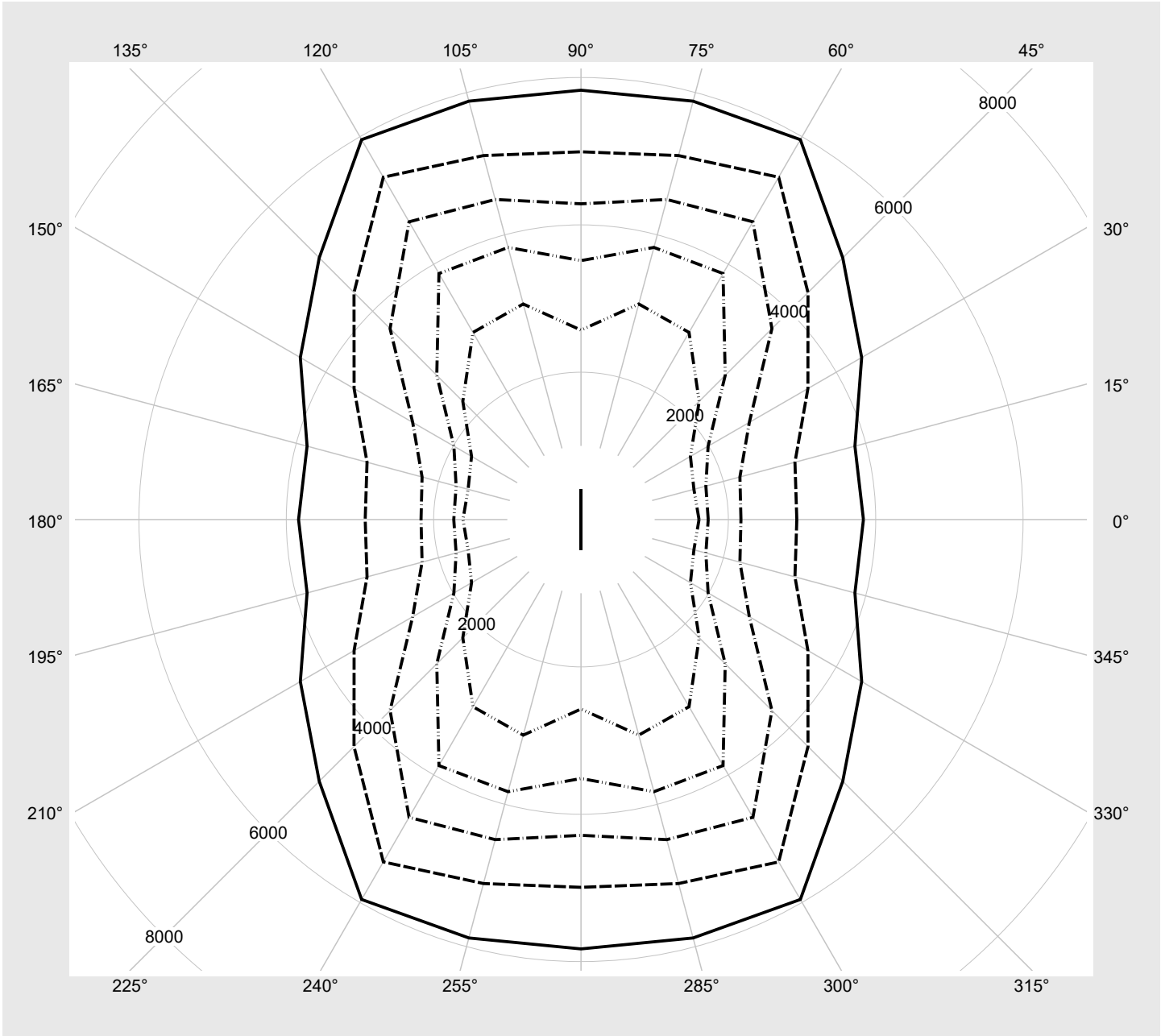
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18VN465G EAN: 4058352972359	LP number 58691_213
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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: 51TL18VN465G EAN: 4058352972359	LP number 58691_213
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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]	Power consumption [W]	Power consumption [W]
				start of lifetime	end of lifetime	average
100	254	254	6520	36.0	37.8	36.9
95	241	252	6204	34.2	35.9	35.0
90	227	250	5859	32.1	33.9	33.0
85	214	248	5540	30.4	31.9	31.2
80	201	245	5218	28.6	30.0	29.3
75	188	243	4895	26.9	28.1	27.5
70	175	240	4569	25.1	26.3	25.7
65	162	238	4239	23.3	24.5	23.9
60	149	234	3910	21.5	22.6	22.0
55	136	231	3579	19.8	20.8	20.3
50	124	228	3272	18.2	19.0	18.6
45	111	224	2937	16.6	17.3	17.0
40	98	219	2598	14.8	15.5	15.2
35	86	214	2285	13.1	13.8	13.4
30	73	208	1945	11.4	11.9	11.6
25	61	202	1628	9.8	10.2	10.0
20	49	194	1310	8.2	8.6	8.4
15	37	183	991	6.7	7.0	6.8
10	24	168	640	5.0	5.2	5.1
5	12	142	316	3.6	3.6	3.6
2	6	117	154	2.7	2.8	2.8