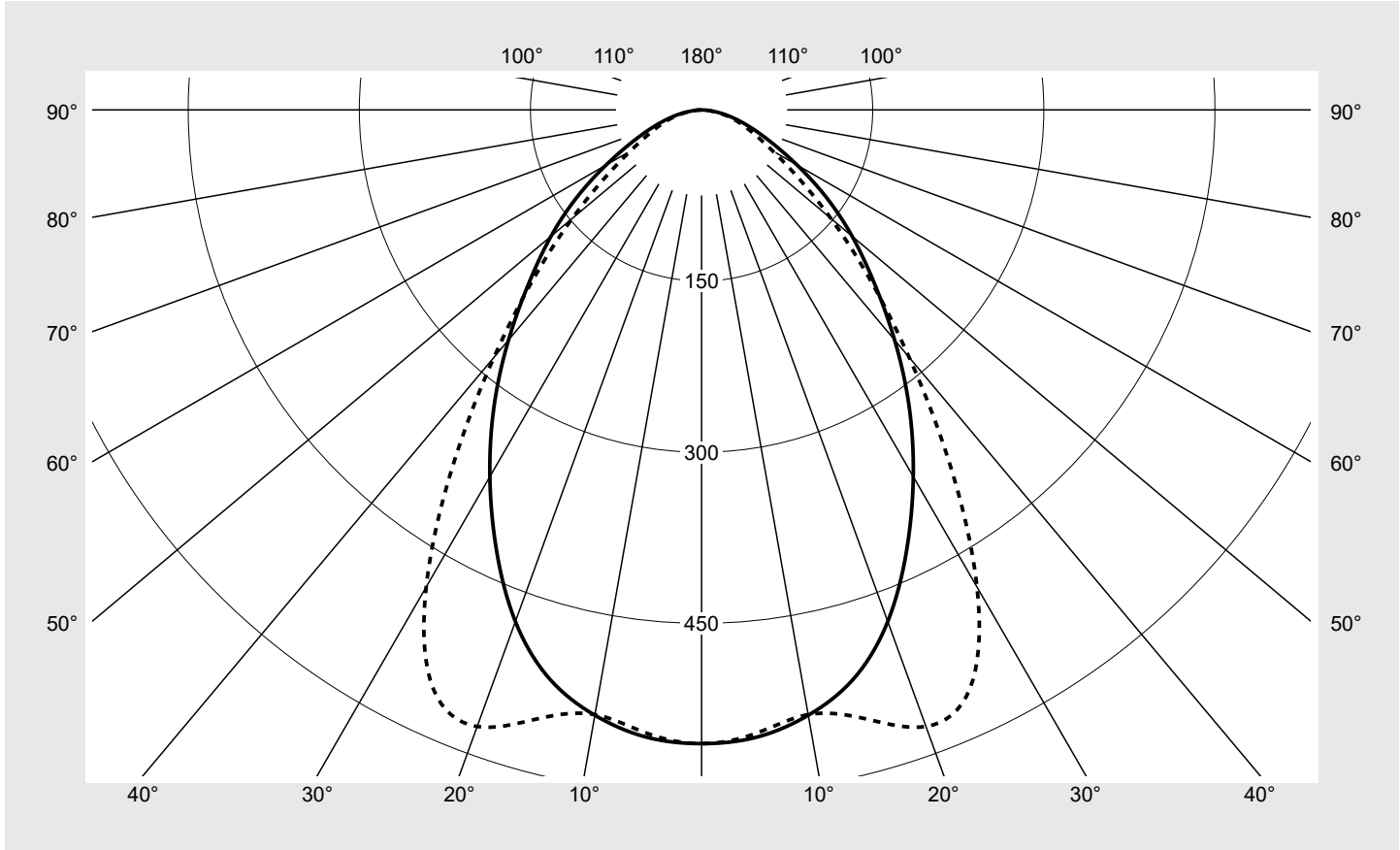


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV6M1M EAN: 4069025342331	LP number 58689_194
	Version cover frosted, wide distribution, high visual comfort Lamps LED 6500 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 26740 lm Power consumption = 151.6 W Luminous efficacy = 176.4 lm/W	serial documentation 04.02.2025



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 575 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 N3=98 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: 51TL12DV6M1M EAN: 4069025342331	LP number 58689_194
Table of values for luminous intensities		Maximum luminous intensity
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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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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: 51TL12DV6M1M EAN: 4069025342331	LP number 58689_194
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UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.9	26.4	25.3	26.7	27.0	24.4	25.8	24.7	26.2	26.5
	3H	25.6	26.9	26.0	27.3	27.6	24.9	26.3	25.3	26.6	27.0
	4H	25.9	27.1	26.3	27.5	27.9	25.2	26.4	25.6	26.8	27.2
	6H	26.1	27.3	26.5	27.6	28.0	25.4	26.5	25.8	26.9	27.3
	8H	26.3	27.3	26.7	27.7	28.1	25.5	26.6	26.0	26.9	27.3
	12H	26.3	27.3	26.7	27.6	28.1	25.6	26.5	26.0	26.9	27.3
4H	2H	25.2	26.5	25.6	26.8	27.2	24.8	26.0	25.2	26.4	26.7
	3H	26.0	27.1	26.5	27.5	27.9	25.6	26.6	26.0	27.0	27.4
	4H	26.4	27.3	26.8	27.7	28.2	25.9	26.8	26.4	27.2	27.7
	6H	26.7	27.5	27.1	27.9	28.4	26.2	27.0	26.6	27.4	27.9
	8H	26.8	27.5	27.2	27.9	28.4	26.3	27.0	26.8	27.5	27.9
	12H	26.9	27.5	27.3	27.9	28.4	26.4	27.0	26.9	27.4	27.9
8H	4H	26.5	27.2	27.0	27.6	28.1	26.0	26.8	26.5	27.2	27.7
	6H	26.8	27.4	27.3	27.9	28.4	26.4	27.0	26.9	27.5	28.0
	8H	26.9	27.4	27.4	27.9	28.5	26.5	27.0	27.0	27.5	28.0
	12H	27.0	27.5	27.5	28.0	28.5	26.6	27.0	27.1	27.5	28.1
12H	4H	26.5	27.1	27.0	27.6	28.1	26.1	26.7	26.5	27.1	27.6
	6H	26.8	27.3	27.3	27.8	28.3	26.4	26.9	26.9	27.4	27.9
	8H	27.0	27.4	27.5	27.9	28.4	26.6	27.0	27.1	27.5	28.0

Luminance table		Max. for $\gamma \geq 65^\circ$							Photometric dimensions in mm:		L = 2250 B = 58	
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°					
γ	Luminance in cd/m ²											
45°	61927.1	59111.3	66666.4	66783.2	58771.4	58006.4	59993.4					
50°	54915.3	51081.0	56493.2	56306.1	47691.2	45680.7	47177.0					
55°	47629.7	43425.0	45140.8	46110.3	39930.1	36091.9	36796.4					
60°	39617.4	36012.7	34927.6	36956.1	34068.2	29100.1	29531.2					
65°	32815.7	29589.1	27309.8	29606.6	29345.2	24650.0	25242.0					
70°	28088.8	25008.8	21873.7	24097.0	25228.1	21821.0	22829.3					
75°	24490.1	21113.6	17868.4	19755.0	21435.8	19528.6	21040.7					
80°	20968.5	17420.3	14131.6	15515.8	17294.0	16684.0	18415.0					
85°	15500.2	12697.8	10328.0	11216.7	12406.3	12620.2	13809.8					

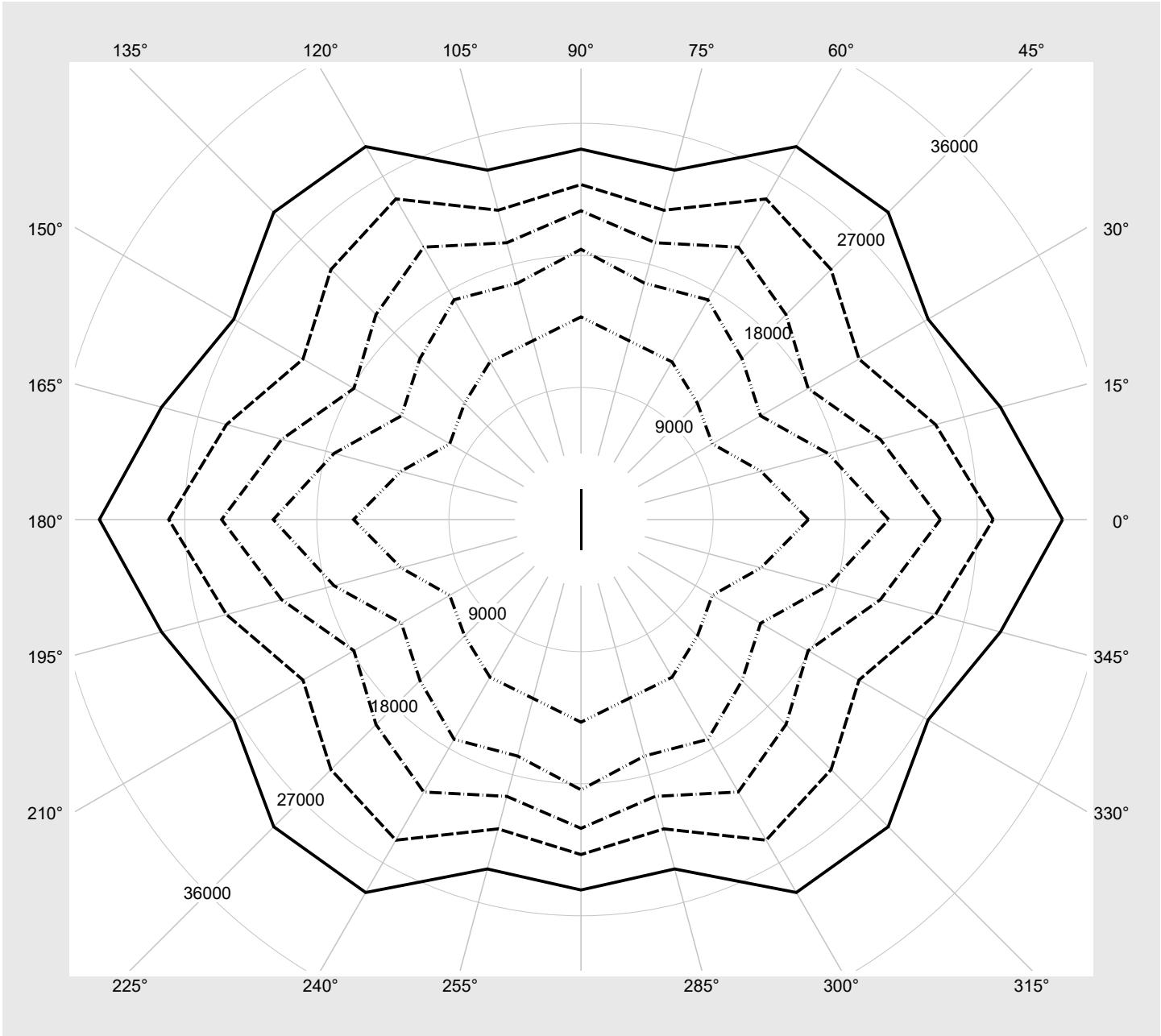
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV6M1M EAN: 4069025342331	LP number 58689_194
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

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Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV6M1M EAN: 4069025342331	LP number 58689_194
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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	----	----	----	----
95	240	252	25369	142.7
90	226	250	24038	134.1
85	213	248	22772	126.0
80	199	245	21389	117.3
75	186	243	20090	109.3
70	172	240	18672	100.9
65	159	237	17343	93.3
60	146	234	16000	85.6
55	134	231	14754	78.7
50	121	227	13390	71.2
45	108	223	12010	63.6
40	96	218	10723	56.8
35	83	213	9314	49.3
30	71	207	7998	42.4
25	59	201	6671	35.6
20	47	192	5334	28.7
15	35	181	3982	21.8
10	23	166	2618	14.7
5	12	142	1361	8.0
1	3	91	319	2.1