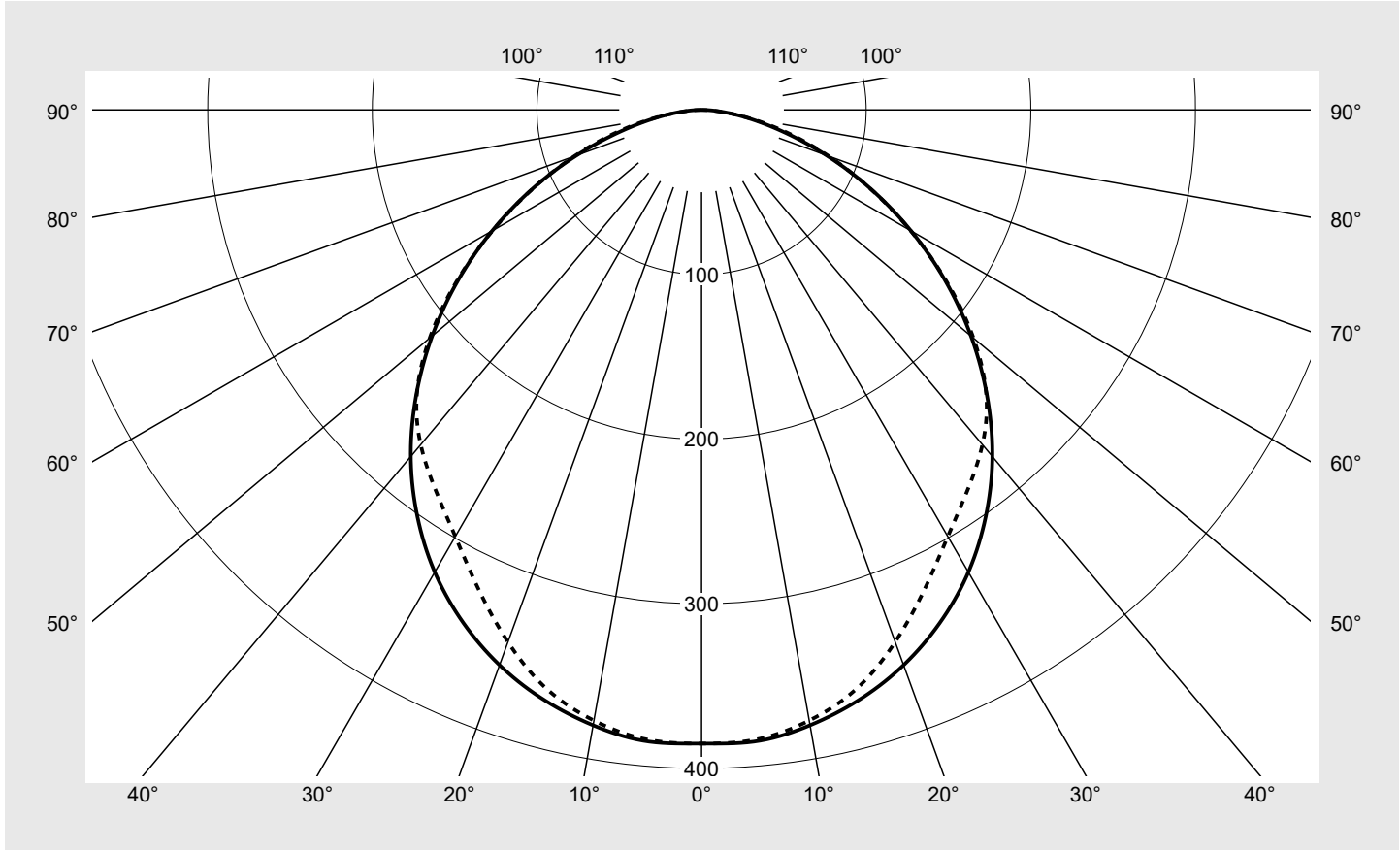


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL10DN495G EAN: 4058352926826	LP number 58684_105
	Version cover frosted Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 9960 lm Power consumption = 56.7 W Luminous efficacy = 175.7 lm/W	serial documentation 14.09.2023
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 385 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=50 N2=81 N3=96 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: 51TL10DN495G EAN: 4058352926826	LP number 58684_105
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°	384.9	384.9	384.9	384.9	384.9	384.9	384.9	2.3	2.3
5°	384.9	383.5	380.9	382.4	383.7	383.9	383.8	18.3	20.6
10°	379.5	378.4	375.4	376.4	377.1	376.9	376.6	35.9	56.5
15°	370.8	369.9	366.1	365.8	365.5	363.9	363.9	52.0	108.5
20°	358.8	358.1	353.2	350.6	348.2	345.1	343.9	65.8	174.3
25°	343.3	342.7	336.1	331.0	326.3	322.1	320.9	76.8	251.1
30°	324.2	323.3	314.8	307.4	302.4	299.4	299.2	84.9	336.1
35°	301.1	299.6	289.7	281.8	279.3	280.0	281.8	90.2	426.3
40°	274.8	272.4	262.0	255.7	258.0	262.5	265.4	92.8	519.1
45°	245.2	241.9	231.9	229.2	235.1	240.6	244.6	92.0	611.1
50°	213.6	209.5	202.3	202.7	208.5	212.2	215.6	87.5	698.5
55°	180.7	176.6	172.5	174.4	178.1	179.3	181.7	79.5	778.0
60°	146.9	143.9	142.8	145.1	146.4	145.5	146.6	68.9	846.9
65°	113.3	112.0	113.5	115.8	115.6	113.0	112.9	56.5	903.4
70°	80.7	81.0	84.0	87.4	86.4	83.3	82.2	43.2	946.6
75°	51.4	52.0	55.5	60.1	59.2	56.0	54.4	29.6	976.3
80°	28.6	28.8	31.3	34.2	34.2	31.5	29.9	17.0	993.3
85°	11.6	11.6	12.6	13.6	13.2	11.7	10.4	6.7	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: 51TL10DN495G EAN: 4058352926826	LP number 58684_105
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siteco

UGR-Table		Standard room									
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	24.7	26.3	25.0	26.6	26.9	24.7	26.4	25.1	26.7	27.0
	3H	26.0	27.5	26.4	27.8	28.2	26.1	27.6	26.5	27.9	28.3
	4H	26.5	27.9	26.9	28.2	28.6	26.6	28.0	27.0	28.3	28.7
	6H	26.8	28.1	27.2	28.4	28.8	26.9	28.2	27.3	28.6	29.0
	8H	26.9	28.1	27.3	28.5	28.9	27.1	28.3	27.5	28.6	29.0
	12H	27.0	28.1	27.4	28.5	28.9	27.1	28.2	27.5	28.6	29.0
4H	2H	25.4	26.8	25.8	27.1	27.5	25.4	26.8	25.8	27.2	27.5
	3H	26.9	28.1	27.3	28.5	28.9	27.0	28.2	27.4	28.5	29.0
	4H	27.5	28.5	27.9	28.9	29.4	27.6	28.7	28.0	29.1	29.5
	6H	27.9	28.8	28.3	29.2	29.7	28.0	29.0	28.5	29.4	29.9
	8H	28.0	28.8	28.5	29.3	29.8	28.2	29.0	28.7	29.5	30.0
	12H	28.1	28.8	28.6	29.3	29.8	28.3	29.0	28.8	29.5	30.0
8H	4H	27.8	28.6	28.2	29.1	29.5	27.9	28.8	28.4	29.2	29.7
	6H	28.3	29.0	28.8	29.5	30.0	28.5	29.2	29.0	29.7	30.2
	8H	28.5	29.1	29.0	29.6	30.1	28.7	29.3	29.2	29.8	30.3
	12H	28.6	29.1	29.1	29.6	30.2	28.8	29.3	29.3	29.8	30.4
12H	4H	27.8	28.6	28.3	29.0	29.5	28.0	28.7	28.4	29.2	29.7
	6H	28.4	29.0	28.9	29.5	30.0	28.6	29.2	29.1	29.6	30.2
	8H	28.6	29.1	29.1	29.6	30.1	28.8	29.3	29.3	29.8	30.3

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500		B = 58	
C-planes	0°	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°	39695.1	39158.5	37543.4	37101.4	38062.1	38958.3	39600.7		
50°	38051.3	37318.6	36028.2	36093.0	37130.5	37792.0	38401.4		
55°	36059.0	35245.0	34438.5	34801.7	35543.0	35782.7	36262.5		
60°	33629.1	32953.6	32703.6	33228.8	33512.3	33303.7	33562.2		
65°	30692.8	30347.7	30732.4	31363.6	31304.5	30614.0	30594.2		
70°	27028.1	27113.4	28111.6	29244.9	28912.6	27866.9	27525.5		
75°	22736.5	22987.8	24554.9	26603.3	26183.1	24773.9	24073.2		
80°	18828.4	19008.4	20648.0	22565.8	22554.0	20772.6	19711.8		
85°	15255.5	15222.6	16485.0	17904.9	17299.4	15432.8	13687.1		

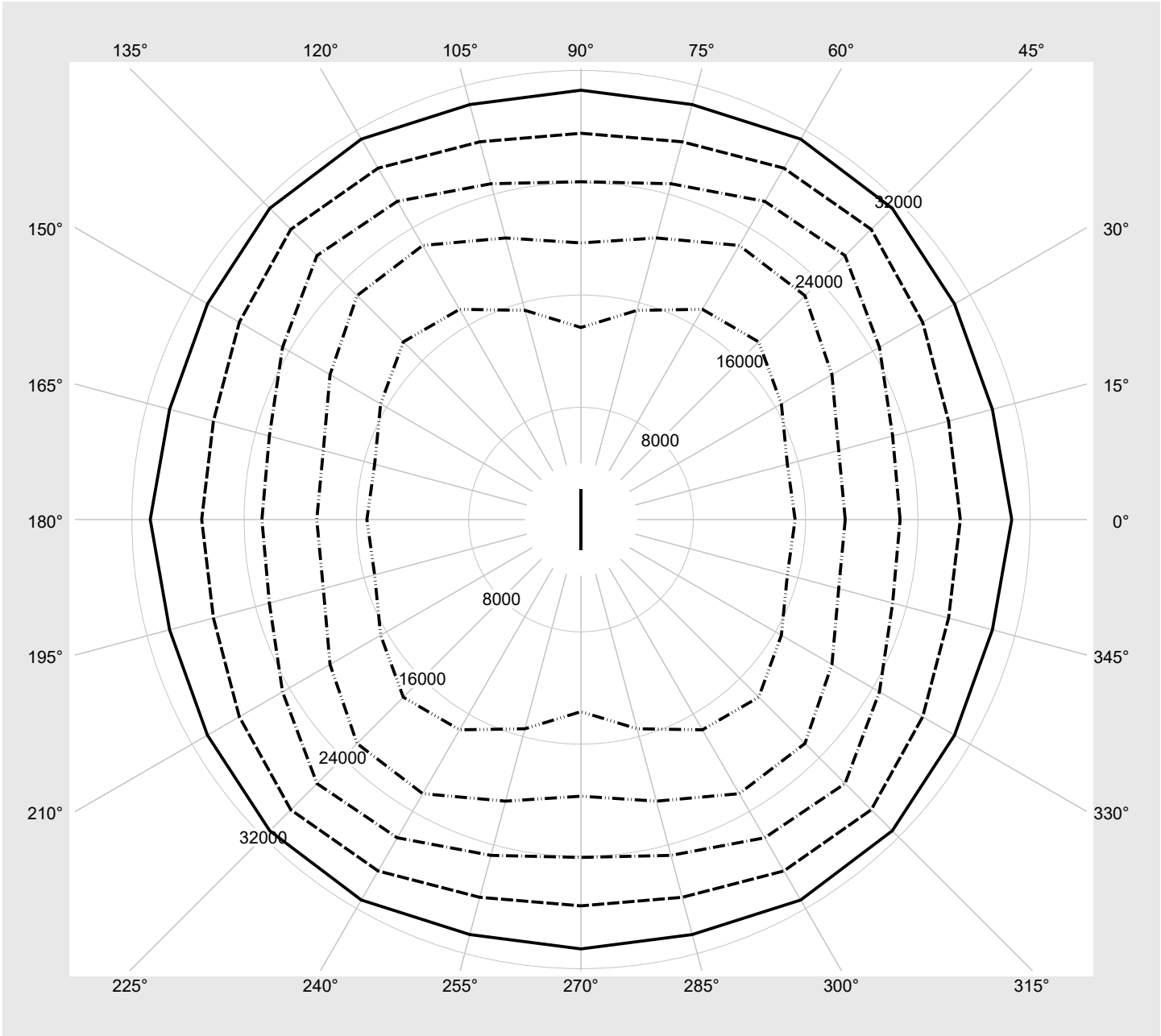
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL10DN495G EAN: 4058352926826	LP number 58684_105
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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: 51TL10DN495G EAN: 4058352926826	LP number 58684_105
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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	9960	56.7
95	240	252	9457	53.6
90	226	250	8946	50.4
85	213	248	8470	47.5
80	199	245	7952	44.4
75	186	243	7464	41.5
70	173	240	6975	38.5
65	160	237	6481	35.7
60	147	234	5982	32.8
55	134	231	5475	29.9
50	121	227	4966	27.2
45	109	223	4493	24.6
40	96	218	3972	21.9
35	84	213	3490	19.3
30	72	208	3004	16.9
25	60	201	2510	14.4
20	47	192	1975	11.6
15	35	181	1475	9.1
10	24	168	1014	6.8
5	12	142	503	4.4
2	4	102	162	2.8