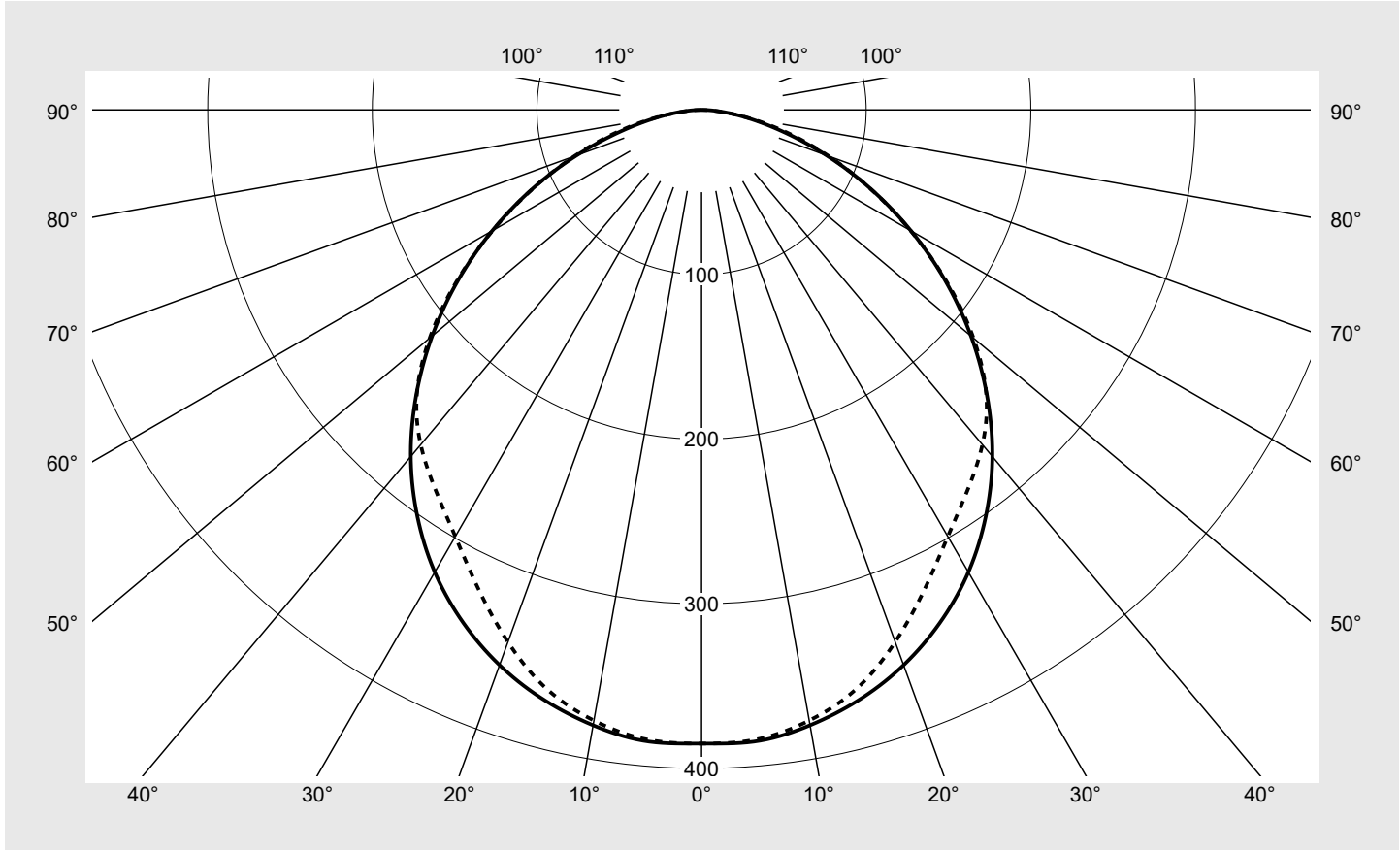


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL10DV4E5G EAN: 4058352925089	LP number 58684_107
	Version cover frosted Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 14930 lm Power consumption = 84.1 W Luminous efficacy = 177.5 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: 51TL10DV4E5G EAN: 4058352925089	LP number 58684_107
Table of values for luminous intensities		Maximum luminous intensity
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C-planes	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°			
γ	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: 51TL10DV4E5G EAN: 4058352925089	LP number 58684_107
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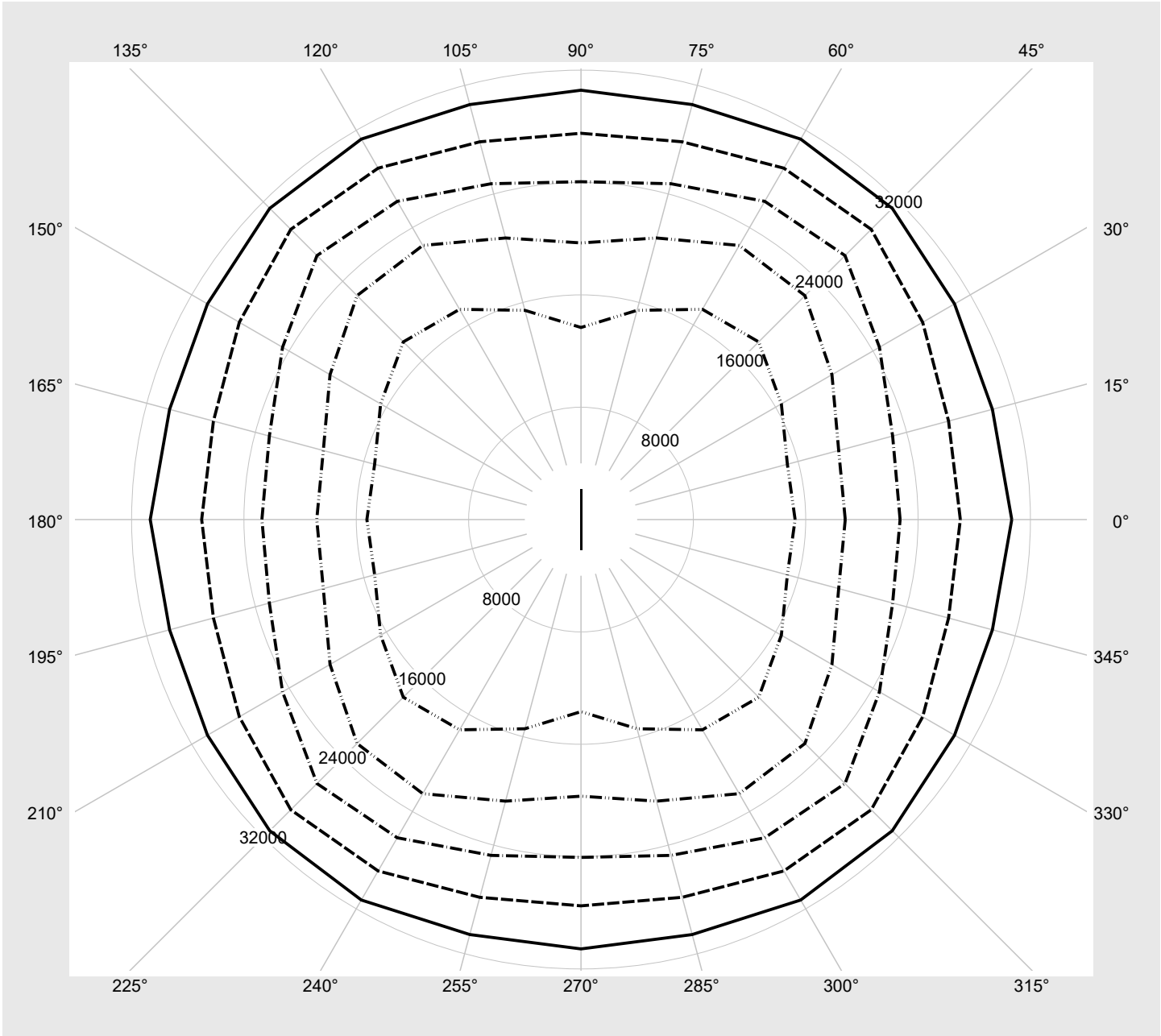
UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.7	26.3	25.0	26.6	26.9	24.7	26.4	25.1	26.7	27.0
	3H	26.0	27.5	26.4	27.8	28.2	26.1	27.6	26.4	27.9	28.3
	4H	26.5	27.9	26.9	28.2	28.6	26.6	28.0	27.0	28.3	28.7
	6H	26.8	28.1	27.2	28.4	28.8	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	29.6
	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 = 2250 B = 58	
C-planes	γ	0°	15°	30°	45°	60°	75°	90°				
		180°	165°	150°	135°	120°	105°		270°			
		195°	210°	225°	240°	255°	270°					
		345°	330°	315°	300°	285°						
		Luminance in cd/m ²										
45°		39668.5	39132.3	37518.2	37076.6	38036.6	38932.2	39574.2				
50°		38025.8	37293.6	36004.1	36068.9	37105.6	37766.7	38375.7				
55°		36034.8	35221.4	34415.4	34778.4	35519.2	35758.8	36238.3				
60°		33606.6	32931.6	32681.7	33206.6	33489.9	33281.4	33539.8				
65°		30672.3	30327.4	30711.8	31342.6	31283.6	30593.5	30573.8				
70°		27010.0	27095.3	28092.7	29225.4	28893.2	27848.2	27507.0				
75°		22721.3	22972.4	24538.5	26585.5	26165.6	24757.3	24057.1				
80°		18815.8	18995.6	20634.2	22550.7	22538.9	20758.7	19698.6				
85°		15245.3	15212.5	16473.9	17892.9	17287.8	15422.5	13677.9				

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL10DV4E5G EAN: 4058352925089	LP number 58684_107
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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: 51TL10DV4E5G EAN: 4058352925089	LP number 58684_107
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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	14930	84.1
95	240	252	14177	79.4
90	226	250	13411	74.7
85	213	248	12696	70.4
80	199	245	11920	65.7
75	186	243	11190	61.4
70	173	240	10457	57.0
65	160	237	9716	52.7
60	147	234	8968	48.5
55	134	231	8208	44.2
50	121	227	7444	40.0
45	109	223	6734	36.2
40	96	218	5954	32.1
35	84	213	5232	28.2
30	72	208	4503	24.5
25	59	201	3702	20.4
20	47	192	2960	16.4
15	35	181	2212	12.3
10	24	168	1519	8.5
5	12	142	754	4.2
2	4	102	243	1.3