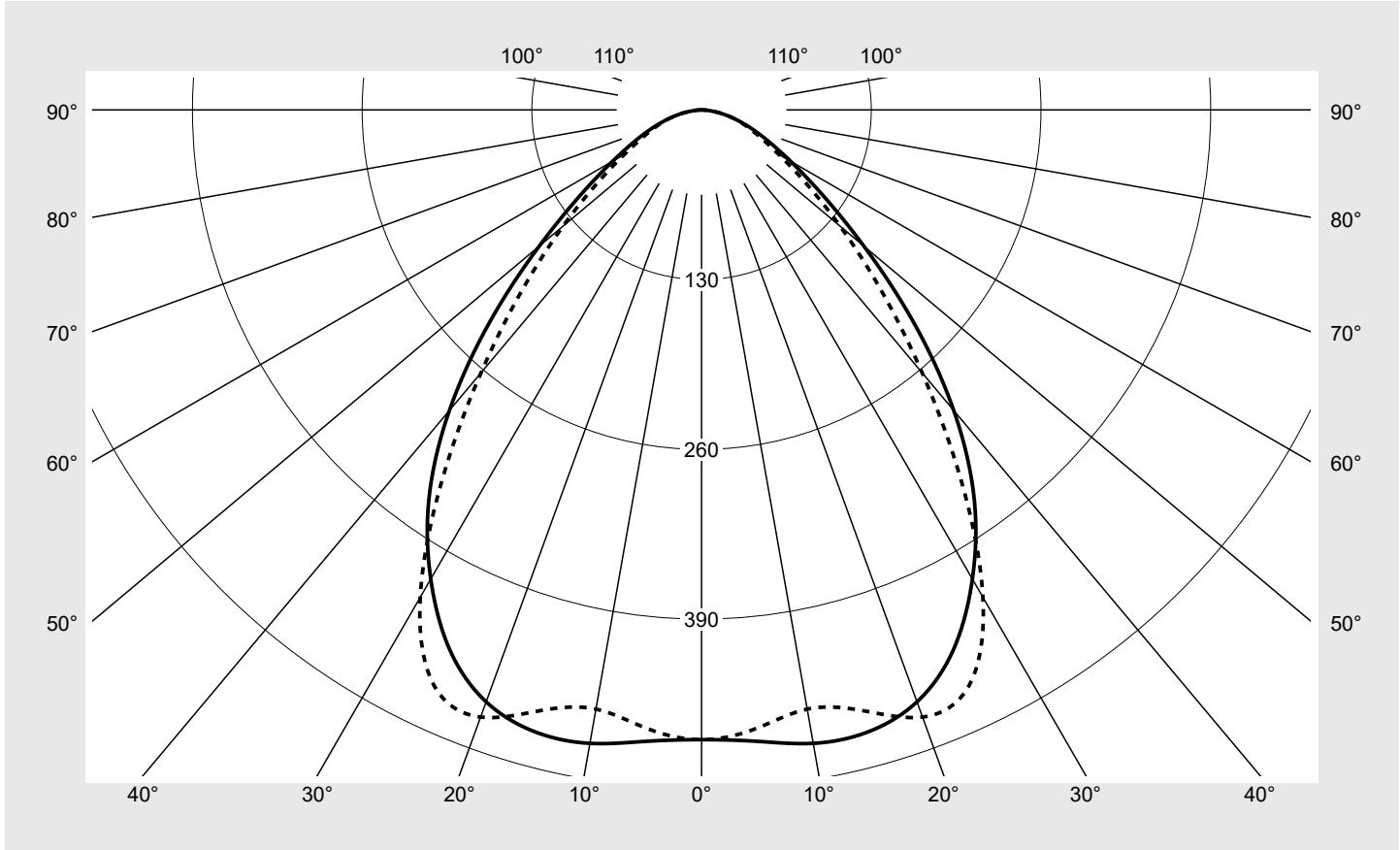


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4FXG3S4 EAN: 4058352935163	LP number 58637_219
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Setting emergency light operation: 3 h Rated values Net luminous flux = 1010 lm Power consumption = 5.5 W Luminous efficacy = 183.6 lm/W	serial documentation 12.10.2023



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 498 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=67 N2=92 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
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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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	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: 51TL12DV4FXG3S4 EAN: 4058352935163	LP number 58637_219
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UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	13.2	14.7	13.6	15.0	15.4	13.3	14.8	13.7	15.1	15.5
	3H	13.8	15.1	14.2	15.4	15.8	13.9	15.2	14.3	15.6	15.9
	4H	14.0	15.2	14.4	15.6	16.0	14.1	15.4	14.5	15.7	16.1
	6H	14.2	15.3	14.6	15.7	16.1	14.3	15.5	14.7	15.8	16.2
	8H	14.3	15.3	14.7	15.7	16.1	14.4	15.5	14.9	15.8	16.2
	12H	14.3	15.3	14.7	15.6	16.1	14.5	15.4	14.9	15.8	16.2
4H	2H	13.5	14.7	13.9	15.1	15.4	13.6	14.8	14.0	15.1	15.5
	3H	14.1	15.1	14.5	15.5	15.9	14.3	15.3	14.7	15.7	16.1
	4H	14.4	15.3	14.8	15.7	16.1	14.6	15.5	15.1	15.9	16.4
	6H	14.6	15.4	15.0	15.8	16.3	14.9	15.7	15.4	16.1	16.6
	8H	14.7	15.4	15.1	15.8	16.3	15.0	15.7	15.5	16.2	16.6
	12H	14.7	15.4	15.2	15.8	16.3	15.1	15.7	15.6	16.1	16.6
8H	4H	14.4	15.1	14.9	15.6	16.1	14.7	15.4	15.1	15.8	16.3
	6H	14.7	15.3	15.2	15.7	16.3	15.0	15.6	15.5	16.1	16.6
	8H	14.8	15.3	15.3	15.8	16.3	15.1	15.7	15.6	16.1	16.7
	12H	14.9	15.3	15.4	15.8	16.3	15.2	15.7	15.8	16.2	16.7
12H	4H	14.4	15.1	14.9	15.5	16.0	14.7	15.3	15.2	15.7	16.2
	6H	14.7	15.2	15.2	15.7	16.2	15.0	15.5	15.5	16.0	16.5
	8H	14.8	15.2	15.3	15.7	16.3	15.2	15.6	15.7	16.1	16.6

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250
			B = 58

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°		2508.1	2477.0	2610.5	2843.4	2705.3	2318.6	2116.3	
50°		1954.2	1918.5	1945.8	2090.7	2101.4	1869.1	1667.7	
55°		1517.8	1457.1	1418.3	1515.9	1641.4	1497.0	1311.3	
60°		1218.3	1132.1	1057.6	1132.0	1294.9	1197.5	1059.5	
65°		1026.2	918.6	824.6	887.0	1040.3	998.0	909.1	
70°		893.5	780.3	667.9	726.3	855.0	871.6	828.9	
75°		776.4	658.6	551.2	603.9	713.7	775.3	771.1	
80°		662.4	542.8	440.3	482.2	577.4	661.5	682.8	
85°		475.1	384.3	318.4	353.9	418.9	494.2	514.8	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4FXG3S4 EAN: 4058352935163	LP number 58637_219
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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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