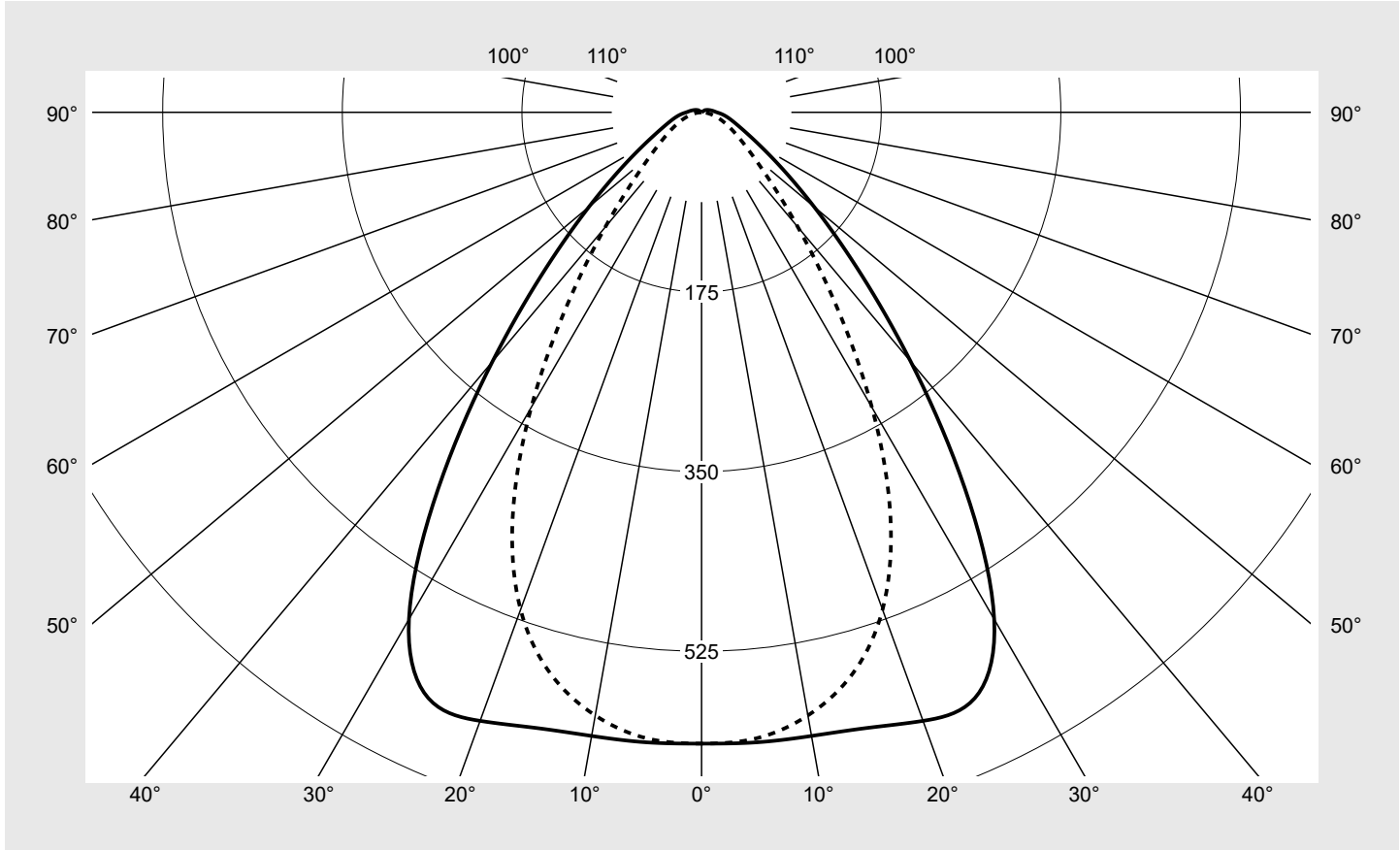


Photometric test report

Family Licross® 11 Protected	Order number: 51TP12DN595GD EAN: 4069025217493	LP number 58524_298
	Version prismatic cover, frosted, wide distribution Lamps LED 5000 K CRI ≥ 80 Controlgear ECG-DALI Setting DC mode (central or group accumulator) initial emergency light level Rated values Net luminous flux = 1580 lm Power consumption = 9.9 W Luminous efficacy = 159.6 lm/W	serial documentation 26.08.2024



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 631 cd/klm**



Classifications	
DIN 5040	A 5 1
CIE	N1=73 N2=92 N3=98 N4=99 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	98.6%
ϕ_o	1.4%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Licross® 11 Protected	Order number: 51TP12DN595GD EAN: 4069025217493	LP number 58524_298
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°	615.0	615.0	615.0	615.0	615.0	615.0	615.0	3.7	3.7
5°	616.1	614.1	609.7	611.1	612.9	611.9	612.2	29.3	32.9
10°	616.9	615.1	606.4	602.8	600.3	597.0	596.6	57.6	90.5
15°	620.9	617.8	600.9	587.5	576.7	568.6	566.8	83.8	174.3
20°	630.8	623.5	591.7	561.2	536.7	520.1	515.5	106.4	280.7
25°	629.8	620.7	576.3	523.2	476.9	445.6	435.5	122.6	403.3
30°	570.2	568.9	534.3	469.6	398.0	348.4	331.9	126.5	529.9
35°	447.2	456.9	450.2	394.1	307.5	246.5	227.0	114.9	644.8
40°	317.0	331.0	344.1	303.2	220.2	163.1	146.0	93.6	738.3
45°	213.9	226.3	244.1	214.7	147.7	105.6	94.0	70.6	808.9
50°	143.1	152.0	166.9	144.8	97.7	70.8	64.1	51.5	860.4
55°	96.6	102.1	111.9	95.1	64.8	49.7	46.3	37.0	897.4
60°	67.0	69.6	74.2	63.4	44.8	36.0	34.5	26.8	924.2
65°	49.0	49.5	50.0	42.8	32.0	26.6	25.7	19.7	943.9
70°	37.9	37.0	34.4	29.4	23.3	19.5	18.8	14.8	958.7
75°	30.5	28.7	24.6	20.4	16.6	13.6	12.7	11.1	969.8
80°	24.8	22.7	18.1	14.1	11.2	8.8	7.6	8.2	978.0
85°	19.7	17.8	13.4	9.8	7.1	4.8	3.4	5.9	983.8
90°	14.9	13.4	9.7	6.4	4.0	1.9	0.4	3.9	987.8
95°	12.2	11.1	8.2	5.4	3.1	1.2	0.3	3.2	991.0
100°	10.0	9.2	6.9	4.5	2.4	0.7	0.3	2.6	993.6
105°	8.2	7.6	5.7	3.6	1.7	0.4	0.3	2.1	995.6
110°	6.8	6.2	4.6	2.7	1.1	0.3	0.3	1.6	997.2
115°	5.5	5.0	3.7	2.0	0.7	0.4	0.4	1.2	998.4
120°	4.3	3.8	2.7	1.4	0.6	0.5	0.5	0.9	999.3
125°	3.1	2.7	1.8	0.9	0.6	0.6	0.6	0.6	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	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

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Family Licross® 11 Protected	Order number: 51TP12DN595GD EAN: 4069025217493	LP number 58524_298
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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	14.9	16.3	15.2	16.6	16.9	11.6	13.0	12.0	13.3	13.7
	3H	15.3	16.5	15.7	16.9	17.2	11.9	13.2	12.3	13.6	13.9
	4H	15.5	16.7	15.9	17.0	17.4	12.1	13.3	12.5	13.7	14.0
	6H	15.8	16.8	16.2	17.2	17.6	12.2	13.3	12.6	13.7	14.1
	8H	16.0	17.0	16.5	17.3	17.7	12.3	13.3	12.7	13.7	14.1
	12H	16.2	17.0	16.6	17.4	17.9	12.3	13.3	12.8	13.7	14.1
4H	2H	14.9	16.1	15.3	16.5	16.8	12.1	13.3	12.5	13.6	14.0
	3H	15.5	16.5	15.9	16.8	17.3	12.6	13.6	13.0	14.0	14.4
	4H	15.8	16.7	16.2	17.1	17.5	12.8	13.7	13.3	14.1	14.6
	6H	16.2	17.0	16.7	17.4	17.9	13.0	13.8	13.5	14.2	14.7
	8H	16.5	17.1	16.9	17.6	18.0	13.1	13.8	13.6	14.2	14.7
	12H	16.7	17.3	17.2	17.8	18.3	13.2	13.8	13.6	14.2	14.7
8H	4H	15.8	16.5	16.3	17.0	17.4	13.1	13.7	13.5	14.2	14.7
	6H	16.3	16.9	16.8	17.4	17.9	13.3	13.9	13.8	14.4	14.9
	8H	16.6	17.1	17.1	17.6	18.1	13.5	14.0	14.0	14.4	15.0
	12H	17.0	17.4	17.5	17.9	18.5	13.6	14.0	14.1	14.5	15.0
12H	4H	15.8	16.4	16.3	16.9	17.4	13.1	13.7	13.6	14.2	14.6
	6H	16.3	16.8	16.8	17.3	17.8	13.4	13.9	14.0	14.4	14.9
	8H	16.7	17.1	17.2	17.6	18.1	13.6	14.0	14.1	14.5	15.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1480	H(C0) = 13	H(C180) = 13
			B = 78	H(C90) = 0	H(C270) = 0

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°	3549.3	3772.2	4128.8	3717.2	2638.6	1959.8	1820.2	
	50°	2541.4	2715.6	3033.0	2704.2	1892.5	1433.3	1364.0	
	55°	1861.1	1980.2	2213.2	1942.3	1381.9	1116.3	1105.0	
	60°	1424.1	1489.6	1625.4	1440.8	1070.5	917.9	943.3	
	65°	1170.1	1192.5	1235.4	1105.3	878.4	789.8	832.3	
	70°	1040.5	1027.6	987.1	889.6	757.3	698.8	750.8	
	75°	994.7	948.9	844.0	749.9	668.7	619.8	674.1	
	80°	1005.6	936.0	785.4	666.4	601.7	555.9	599.3	
	85°	1063.2	982.4	796.7	653.4	574.8	508.1	541.2	

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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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