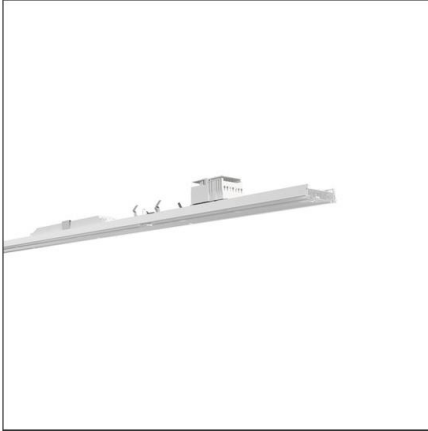


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DV4FXF
EAN: 4058352449004

LP number
58637_35



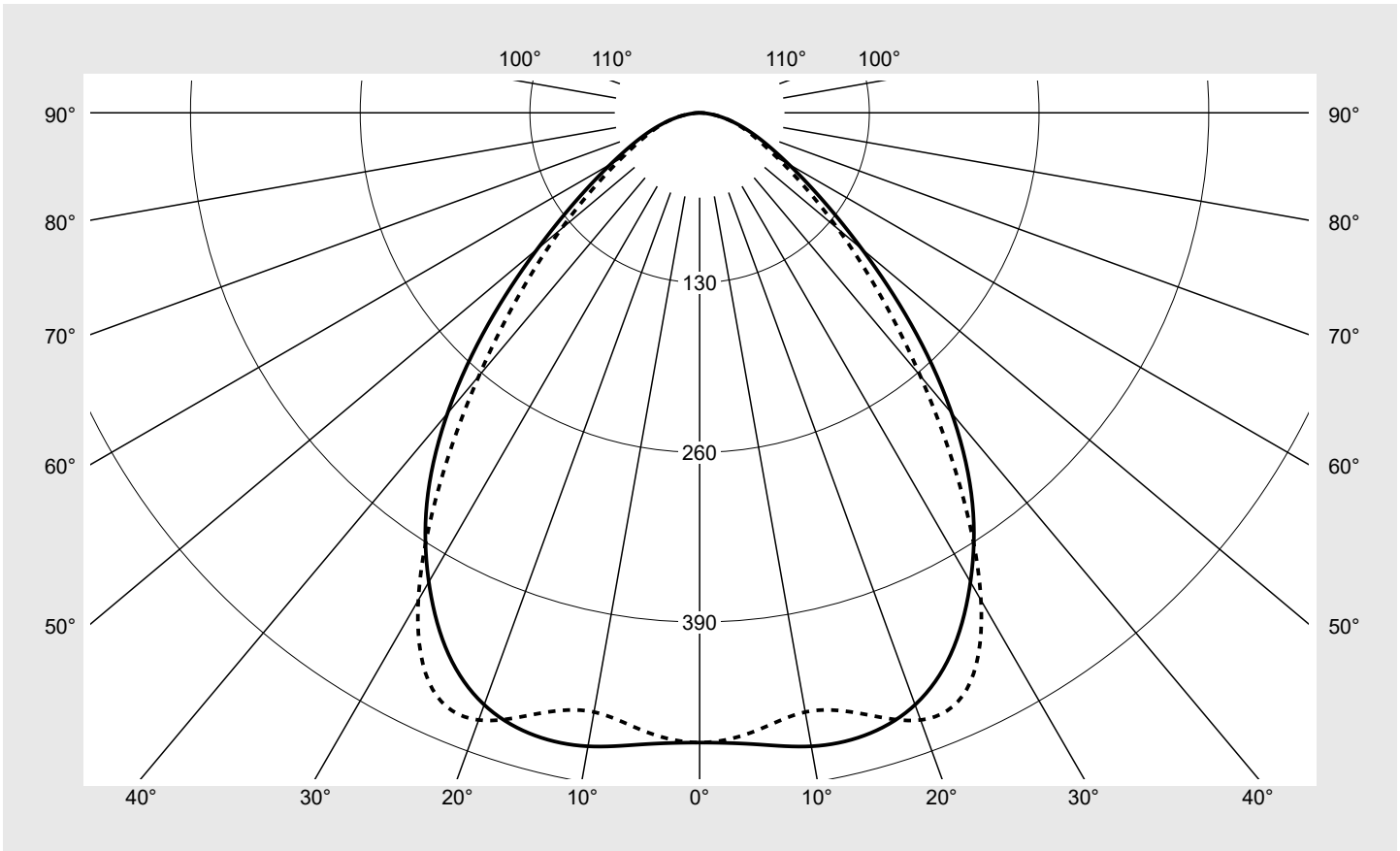
Version cover frosted, wide distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-DALI
Rated values Net luminous flux = 15420 lm
 Power consumption = 89.5 W
 Luminous efficacy = 172.3 lm/W

serial
documentation
28.09.2020

sitEco

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

Family Licross® 11 Recessed	Order number: 51TL12DV4FXF EAN: 4058352449004	LP number 58637_35
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°	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: 51TL12DV4FXF EAN: 4058352449004	LP number 58637_35
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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	22.7	24.2	23.1	24.5	24.8	22.8	24.3	23.2	24.6	24.9
	3H	23.2	24.6	23.6	24.9	25.3	23.4	24.7	23.7	25.0	25.4
	4H	23.5	24.7	23.9	25.0	25.4	23.6	24.8	24.0	25.2	25.6
	6H	23.6	24.8	24.0	25.1	25.5	23.8	24.9	24.2	25.3	25.7
	8H	23.7	24.8	24.2	25.1	25.5	23.9	24.9	24.3	25.3	25.7
	12H	23.8	24.7	24.2	25.1	25.5	23.9	24.9	24.4	25.3	25.7
4H	2H	22.9	24.2	23.3	24.5	24.9	23.0	24.3	23.4	24.6	25.0
	3H	23.6	24.6	24.0	25.0	25.4	23.7	24.8	24.2	25.2	25.6
	4H	23.8	24.7	24.3	25.2	25.6	24.1	25.0	24.5	25.4	25.8
	6H	24.1	24.8	24.5	25.3	25.7	24.4	25.2	24.8	25.6	26.0
	8H	24.1	24.9	24.6	25.3	25.8	24.5	25.2	24.9	25.6	26.1
	12H	24.2	24.8	24.7	25.3	25.8	24.5	25.2	25.0	25.6	26.1
8H	4H	23.9	24.6	24.4	25.1	25.5	24.1	24.8	24.6	25.3	25.8
	6H	24.2	24.7	24.7	25.2	25.7	24.5	25.1	25.0	25.5	26.0
	8H	24.3	24.8	24.8	25.3	25.8	24.6	25.1	25.1	25.6	26.1
	12H	24.3	24.8	24.8	25.3	25.8	24.7	25.1	25.2	25.6	26.2
12H	4H	23.9	24.5	24.4	25.0	25.5	24.1	24.8	24.6	25.2	25.7
	6H	24.2	24.7	24.7	25.2	25.7	24.5	25.0	25.0	25.5	26.0
	8H	24.3	24.7	24.8	25.2	25.7	24.6	25.1	25.1	25.6	26.1

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 2250 B = 58
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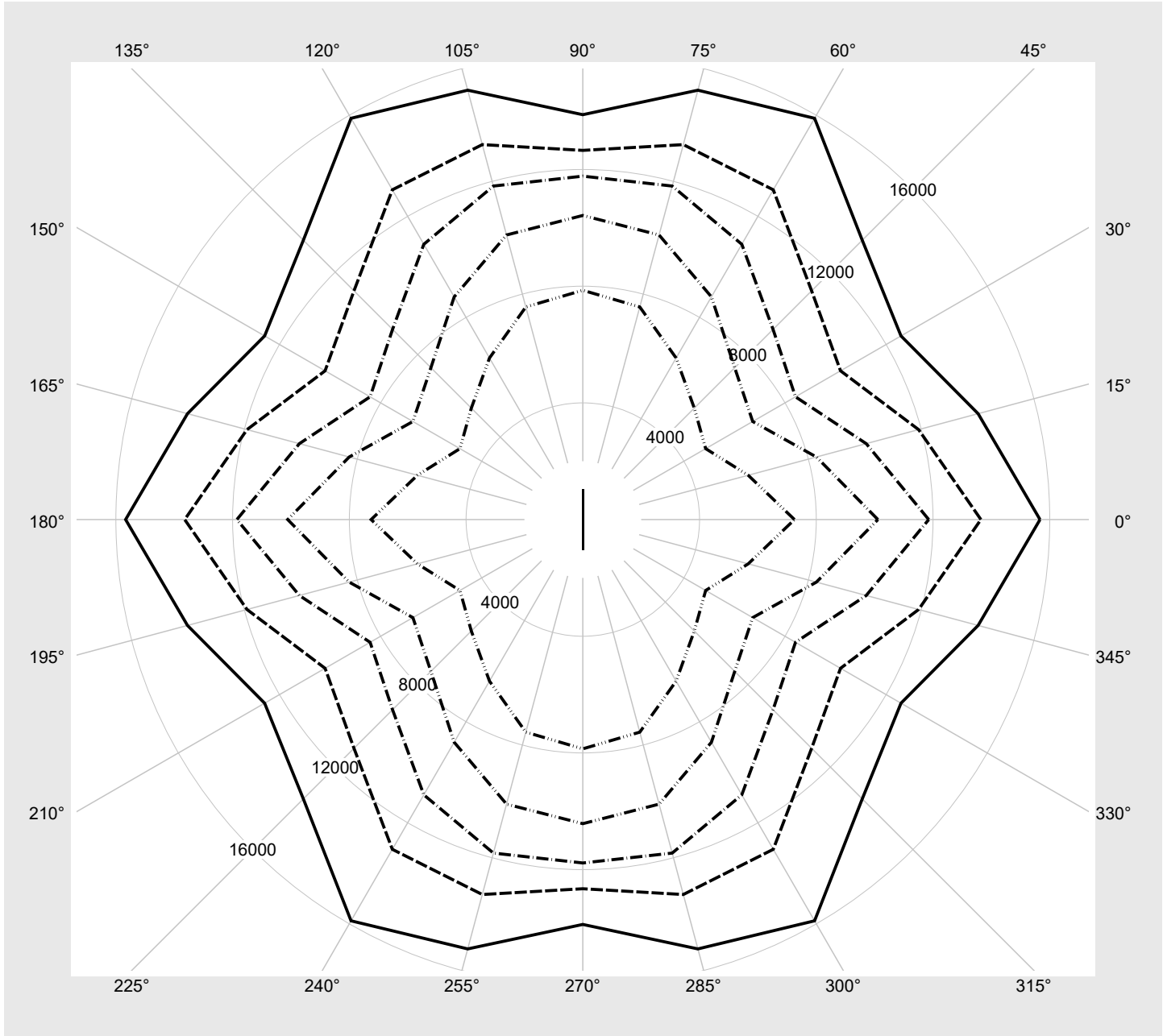
C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		38292.6	37816.6	39855.8	43411.6	41302.5	35399.5	32310.2	
50°		29835.1	29290.8	29706.6	31919.1	32083.5	28536.2	25461.3	
55°		23172.1	22245.9	21653.4	23143.5	25059.1	22855.7	20019.6	
60°		18600.9	17284.8	16146.5	17282.9	19769.5	18283.3	16176.2	
65°		15666.7	14024.1	12589.8	13542.3	15883.1	15237.5	13879.0	
70°		13641.6	11912.8	10197.5	11088.9	13053.2	13306.8	12655.6	
75°		11854.0	10054.8	8415.4	9219.8	10896.7	11836.2	11772.3	
80°		10113.0	8286.7	6723.0	7361.2	8814.7	10099.4	10424.7	
85°		7253.2	5867.7	4861.7	5402.6	6395.0	7544.7	7859.3	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4FXF EAN: 4058352449004	LP number 58637_35
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DV4FXF EAN: 4058352449004	LP number 58637_35
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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	15420	89.5
95	240	252	14644	84.4
90	226	250	13858	79.2
85	213	248	13120	74.6
80	199	245	12315	69.6
75	186	243	11559	64.9
70	173	240	10795	60.4
65	160	237	10025	55.7
60	147	234	9244	51.2
55	134	231	8461	46.8
50	122	227	7726	42.6
45	109	223	6923	38.3
40	97	219	6175	34.3
35	85	214	5420	30.2
30	72	208	4595	25.9
25	60	201	3826	22.0
20	49	194	3116	18.4
15	37	183	2335	14.6
10	25	169	1547	10.5
5	13	145	753	6.7
2	6	117	287	4.5