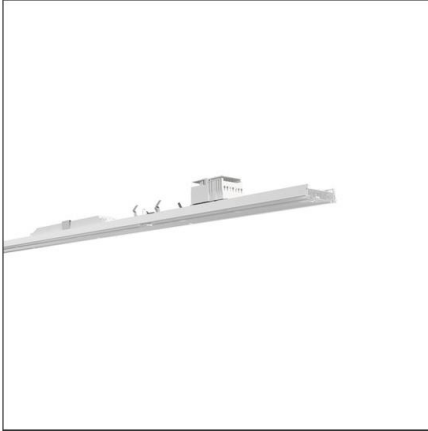


Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12DN49XF3S
EAN: 4058352485248

LP number
58637_53



Version cover frosted, wide distribution, high visual comfort

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG-DALI

Setting AC-mode

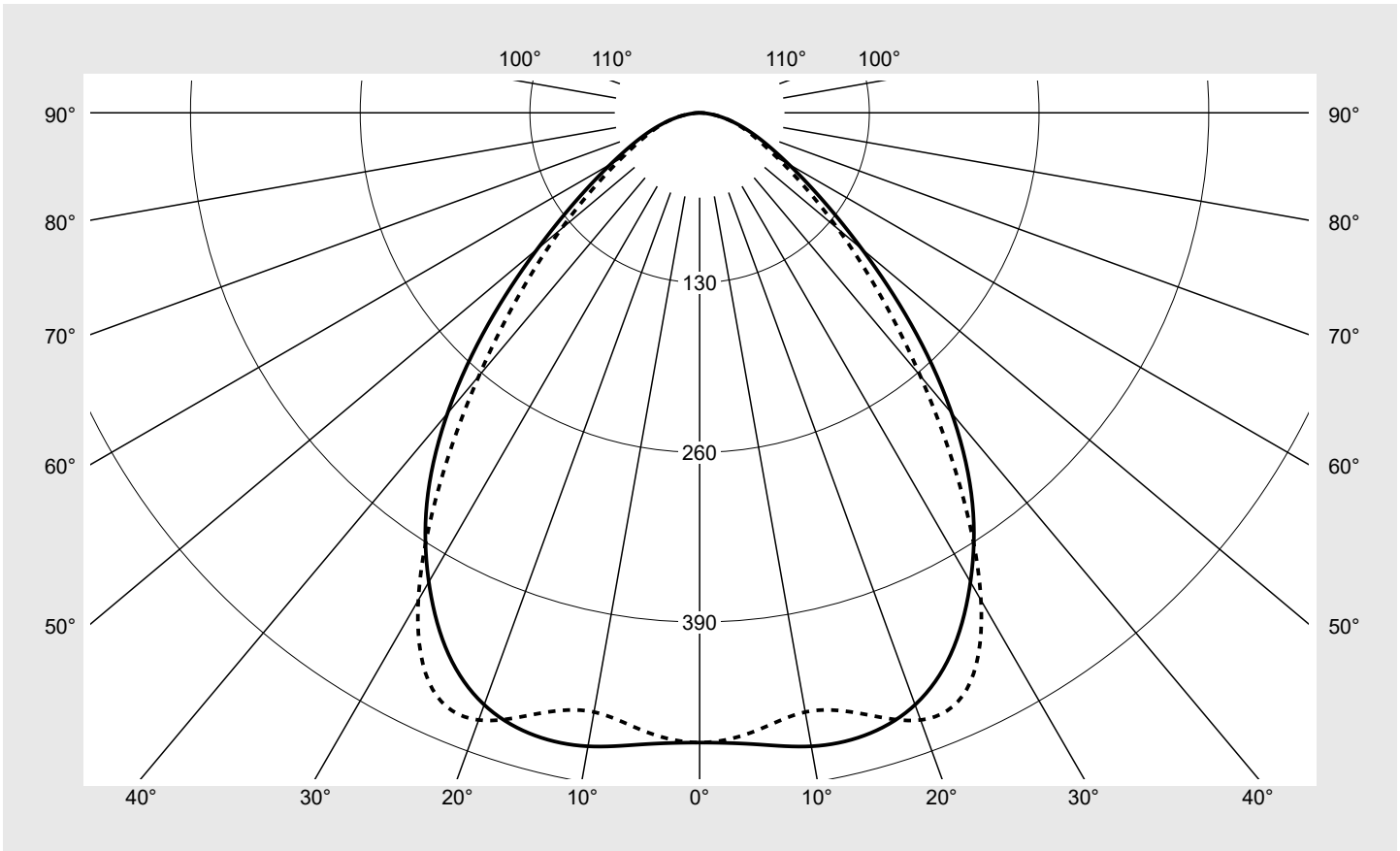
Rated values Net luminous flux = 9140 lm
Power consumption = 59.2 W
Luminous efficacy = 154.4 lm/W

serial
documentation
04.05.2021

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: 51TL12DN49XF3S EAN: 4058352485248	LP number 58637_53
---------------------------------------	--	------------------------------

sITeco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

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: 51TL12DN49XF3S EAN: 4058352485248	LP number 58637_53
---------------------------------------	--	------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	22.3	23.8	22.7	24.1	24.4	22.4	23.9	22.8	24.2	24.5
	3H	22.8	24.2	23.2	24.5	24.8	23.0	24.3	23.3	24.6	25.0
	4H	23.1	24.3	23.5	24.6	25.0	23.2	24.4	23.6	24.8	25.2
	6H	23.2	24.4	23.6	24.7	25.1	23.4	24.5	23.8	24.9	25.3
	8H	23.3	24.4	23.8	24.7	25.1	23.5	24.5	23.9	24.9	25.3
	12H	23.4	24.3	23.8	24.7	25.1	23.5	24.5	24.0	24.9	25.3
4H	2H	22.5	23.8	22.9	24.1	24.5	22.6	23.9	23.0	24.2	24.6
	3H	23.1	24.2	23.6	24.6	25.0	23.3	24.4	23.8	24.8	25.2
	4H	23.4	24.3	23.9	24.7	25.2	23.7	24.6	24.1	25.0	25.4
	6H	23.6	24.4	24.1	24.9	25.3	24.0	24.7	24.4	25.2	25.6
	8H	23.7	24.4	24.2	24.9	25.4	24.1	24.8	24.5	25.2	25.7
	12H	23.8	24.4	24.3	24.9	25.4	24.1	24.7	24.6	25.2	25.7
8H	4H	23.5	24.2	24.0	24.6	25.1	23.7	24.4	24.2	24.9	25.4
	6H	23.8	24.3	24.2	24.8	25.3	24.1	24.7	24.6	25.1	25.6
	8H	23.8	24.4	24.3	24.8	25.4	24.2	24.7	24.7	25.2	25.7
	12H	23.9	24.3	24.4	24.8	25.4	24.3	24.7	24.8	25.2	25.8
12H	4H	23.5	24.1	24.0	24.6	25.1	23.7	24.4	24.2	24.8	25.3
	6H	23.8	24.3	24.3	24.8	25.3	24.1	24.6	24.6	25.1	25.6
	8H	23.9	24.3	24.4	24.8	25.3	24.2	24.6	24.7	25.1	25.7

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

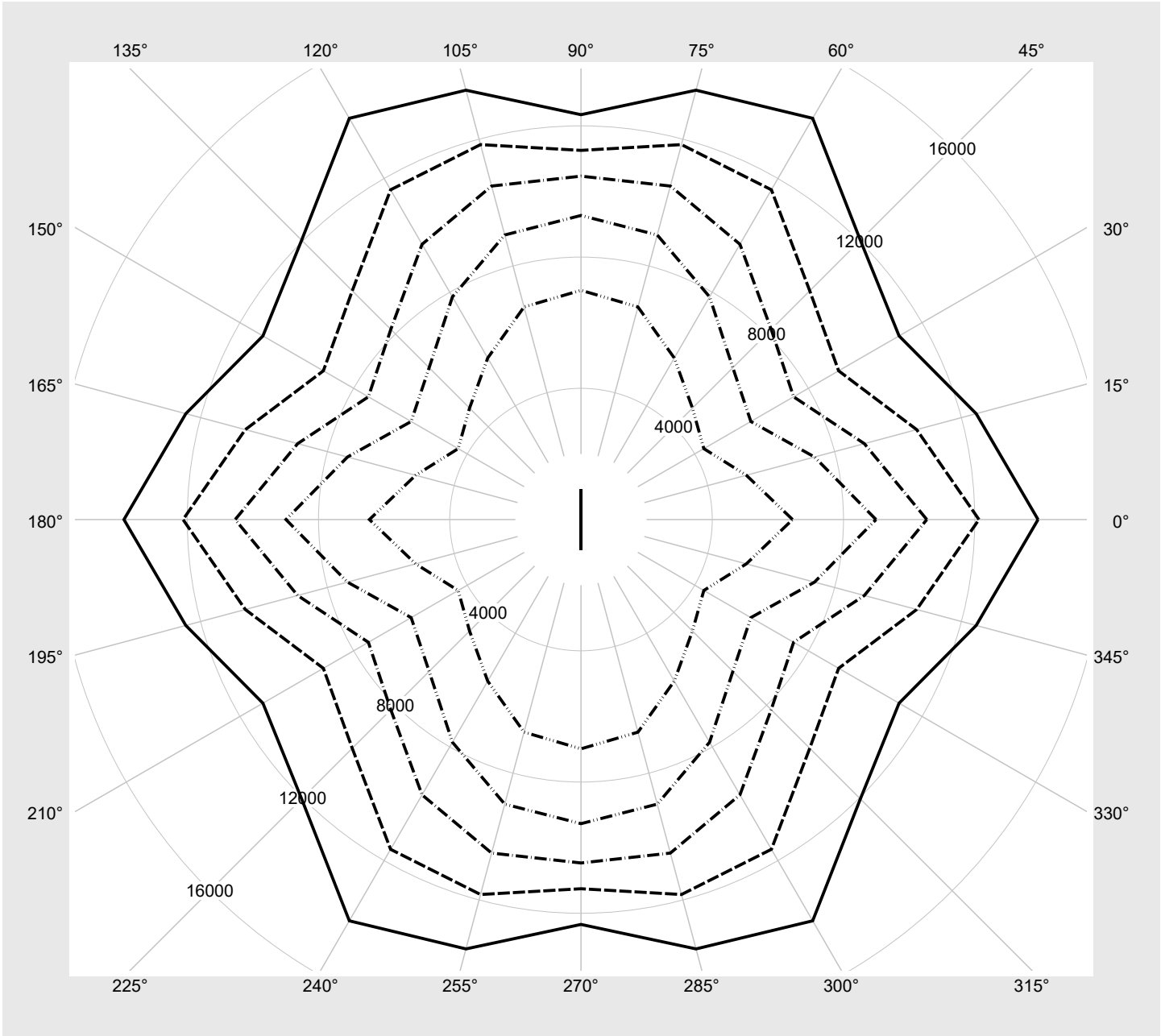
C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		34046.1	33623.0	35436.0	38597.5	36722.2	31473.9	28727.2	
50°		26526.5	26042.6	26412.3	28379.5	28525.6	25371.7	22637.8	
55°		20602.4	19778.9	19252.2	20577.0	22280.2	20321.1	17799.5	
60°		16538.1	15368.0	14355.9	15366.3	17577.2	16255.8	14382.4	
65°		13929.3	12468.9	11193.6	12040.6	14121.7	13547.8	12339.9	
70°		12128.8	10591.7	9066.7	9859.2	11605.7	11831.2	11252.2	
75°		10539.5	8939.8	7482.2	8197.4	9688.3	10523.6	10466.8	
80°		8991.5	7367.7	5977.4	6544.9	7837.2	8979.4	9268.6	
85°		6448.9	5217.0	4322.6	4803.5	5685.9	6708.0	6987.7	

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN49XF3S EAN: 4058352485248	LP number 58637_53
--	--	-------------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN49XF3S EAN: 4058352485248	LP number 58637_53
---------------------------------------	--	-------------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	9140	59.2
95	240	252	8685	56.2
90	226	250	8225	53.1
85	212	247	7756	50.0
80	199	245	7319	47.3
75	185	242	6838	44.2
70	173	240	6398	41.5
65	160	237	5944	38.8
60	147	234	5488	36.1
55	134	231	5024	33.3
50	121	227	4561	30.6
45	109	223	4123	28.1
40	96	218	3647	25.5
35	84	213	3202	23.0
30	72	208	2754	20.5
25	60	201	2301	18.1
20	48	193	1842	15.6
15	36	182	1382	13.3
10	24	168	916	10.8
5	12	142	448	8.4
2	5	110	178	6.9