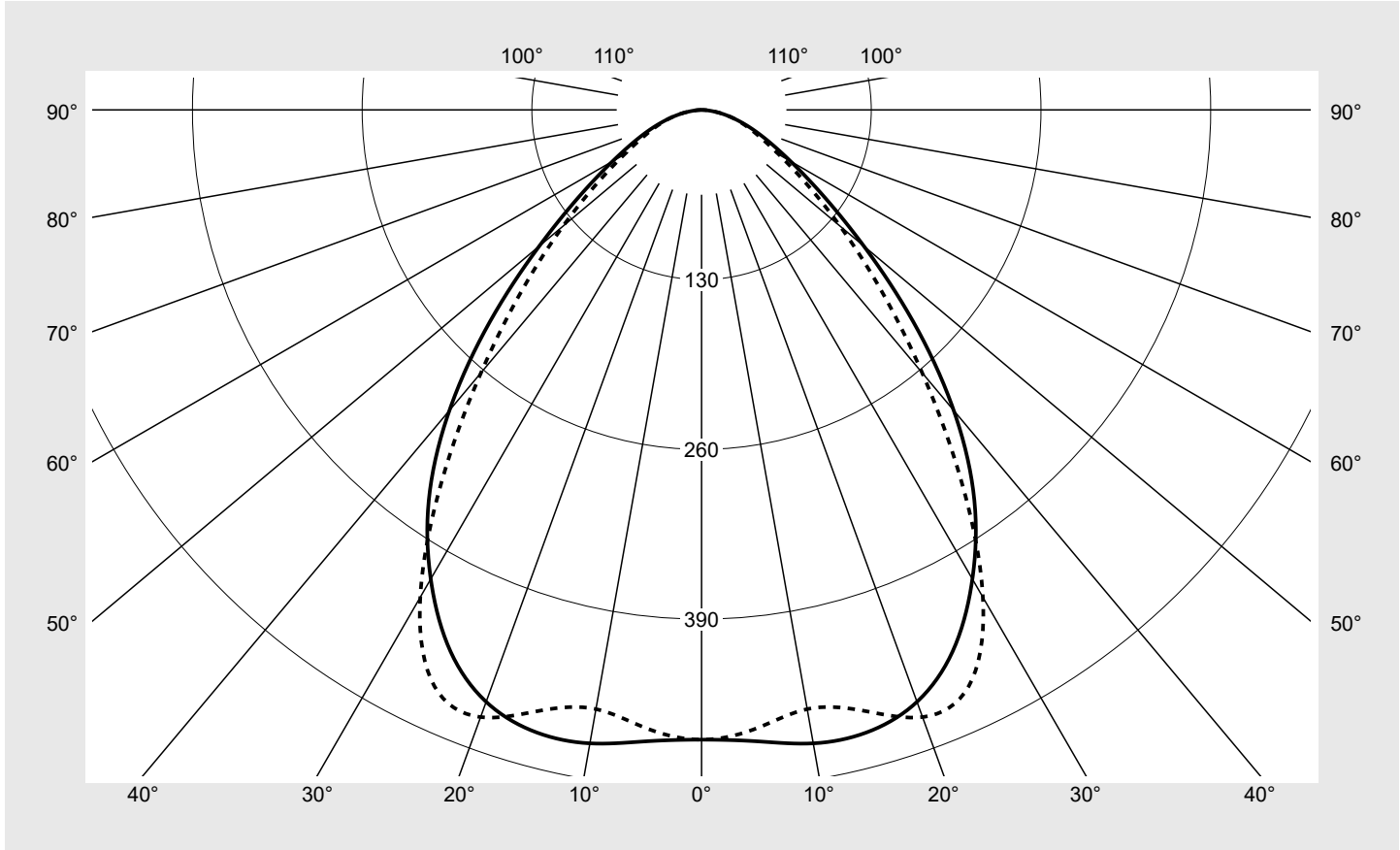


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DNE9XG EAN: 4058352013236	LP number 58637_243
	Version cover frosted, wide distribution, high visual comfort Lamps LED 5000 K CRI ≥ 90 Controlgear ECG-DALI Rated values Net luminous flux = 9450 lm Power consumption = 56.2 W Luminous efficacy = 168.1 lm/W	serial documentation 06.03.2024



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: 51TL12DNE9XG EAN: 4058352013236	LP number 58637_243
Table of values for luminous intensities		Maximum luminous intensity
		

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°			
Luminous intensity in cd/klm							Luminous flux in lm/klm		
γ									
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: 51TL12DNE9XG EAN: 4058352013236	LP number 58637_243
---------------------------------------	--	-------------------------------

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	22.4	23.9	22.8	24.2	24.5	22.5	24.0	22.9	24.3	24.6
	3H	23.0	24.3	23.3	24.6	25.0	23.1	24.4	23.5	24.7	25.1
	4H	23.2	24.4	23.6	24.8	25.1	23.3	24.5	23.7	24.9	25.3
	6H	23.3	24.5	23.8	24.8	25.2	23.5	24.6	23.9	25.0	25.4
	8H	23.4	24.5	23.9	24.9	25.3	23.6	24.6	24.0	25.0	25.4
	12H	23.5	24.4	23.9	24.8	25.2	23.6	24.6	24.1	25.0	25.4
4H	2H	22.7	23.9	23.0	24.2	24.6	22.7	24.0	23.1	24.3	24.7
	3H	23.3	24.3	23.7	24.7	25.1	23.5	24.5	23.9	24.9	25.3
	4H	23.5	24.5	24.0	24.9	25.3	23.8	24.7	24.2	25.1	25.6
	6H	23.8	24.6	24.2	25.0	25.5	24.1	24.9	24.5	25.3	25.8
	8H	23.8	24.6	24.3	25.0	25.5	24.2	24.9	24.6	25.3	25.8
	12H	23.9	24.5	24.4	25.0	25.5	24.2	24.9	24.7	25.3	25.8
8H	4H	23.6	24.3	24.1	24.8	25.2	23.8	24.6	24.3	25.0	25.5
	6H	23.9	24.5	24.4	24.9	25.4	24.2	24.8	24.7	25.2	25.7
	8H	24.0	24.5	24.5	25.0	25.5	24.3	24.8	24.8	25.3	25.8
	12H	24.0	24.5	24.6	25.0	25.5	24.4	24.8	24.9	25.3	25.9
12H	4H	23.6	24.2	24.1	24.7	25.2	23.9	24.5	24.3	24.9	25.4
	6H	23.9	24.4	24.4	24.9	25.4	24.2	24.7	24.7	25.2	25.7
	8H	24.0	24.4	24.5	24.9	25.5	24.3	24.8	24.9	25.3	25.8

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°		35200.8	34763.4	36637.9	39906.6	37967.7	32541.3	29701.5	
50°		27426.2	26925.9	27308.1	29342.0	29493.1	26232.2	23405.6	
55°		21301.2	20449.8	19905.1	21274.9	23035.9	21010.3	18403.2	
60°		17099.1	15889.3	14842.8	15887.5	18173.3	16807.1	14870.2	
65°		14401.8	12891.8	11573.3	12448.9	14600.7	14007.2	12758.4	
70°		12540.2	10951.0	9374.2	10193.5	11999.3	12232.4	11633.8	
75°		10896.9	9243.0	7735.9	8475.4	10016.9	10880.6	10821.8	
80°		9296.5	7617.6	6180.2	6766.9	8103.0	9284.0	9583.0	
85°		6667.6	5393.9	4469.2	4966.4	5878.7	6935.6	7224.7	

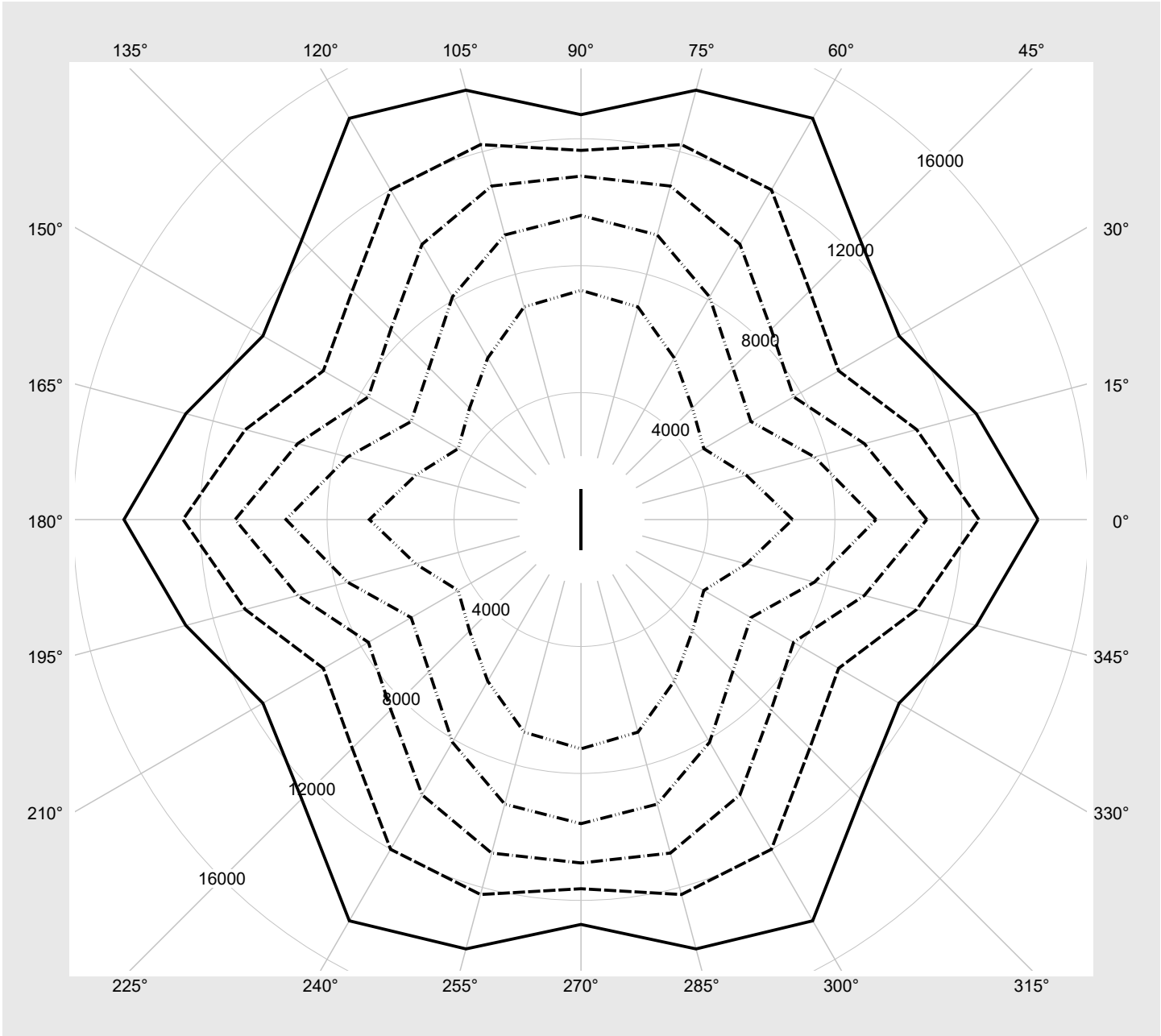
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DNE9XG EAN: 4058352013236	LP number 58637_243
--	--	--------------------------------------

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: 51TL12DNE9XG EAN: 4058352013236	LP number 58637_243
---------------------------------------	--	--------------------------------------

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	9450	56.2
95	240	252	8985	53.1
90	226	250	8510	50.0
85	212	247	8032	47.0
80	198	245	7548	44.0
75	185	242	7091	41.1
70	172	240	6631	38.2
65	158	237	6130	35.2
60	145	233	5657	32.4
55	133	230	5215	29.8
50	120	227	4732	27.1
45	107	222	4244	24.4
40	95	218	3786	21.8
35	83	213	3326	19.3
30	70	207	2822	16.7
25	58	200	2348	14.2
20	46	191	1873	11.6
15	35	181	1433	9.3
10	23	166	948	6.8
5	11	139	455	4.3
2	4	102	167	3.0