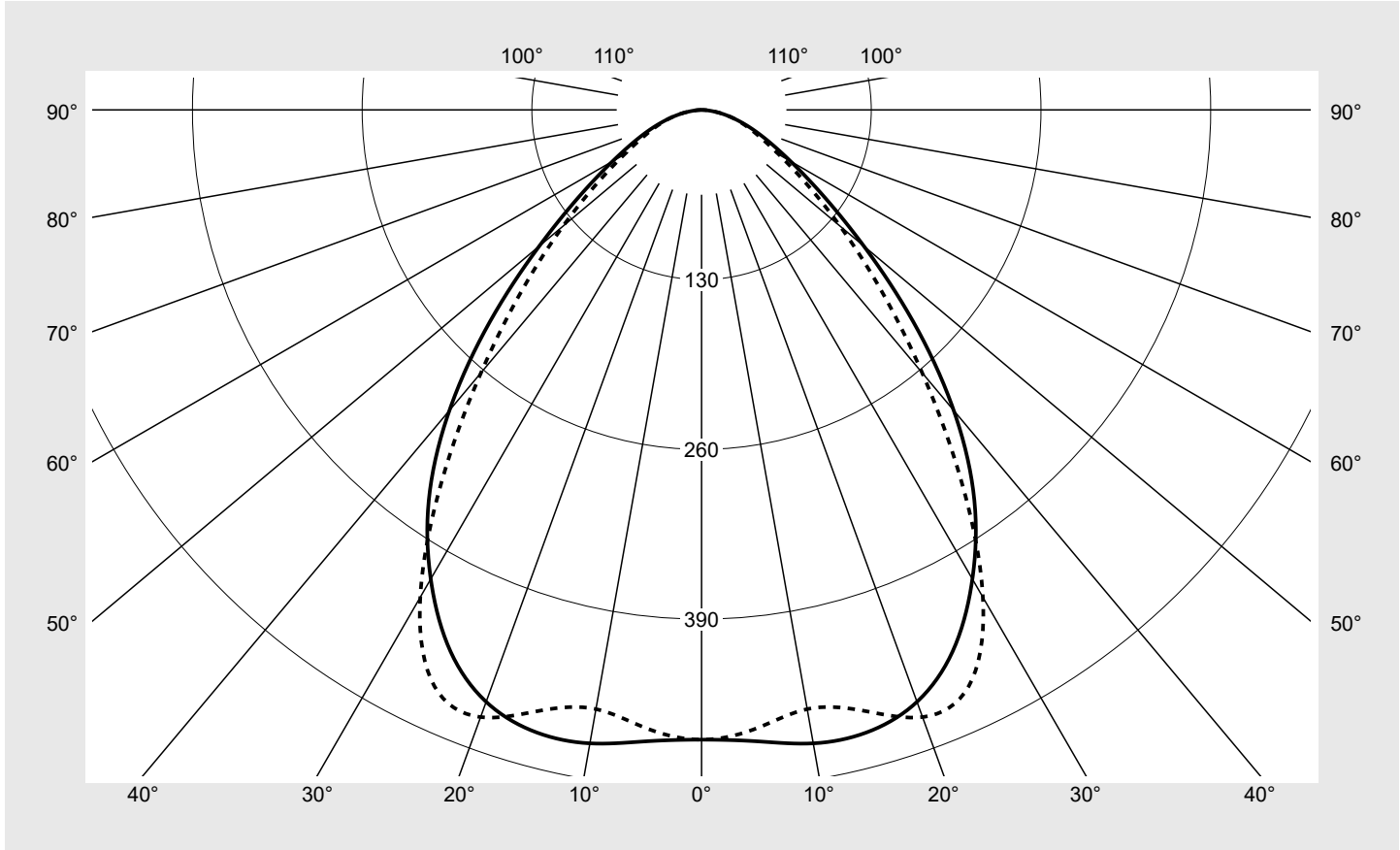


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE12DV475G</b> <b>EAN: 4058352965177</b>	<b>LP number</b> <b>58637_163</b>
	<b>Version</b> cover frosted, wide distribution, high visual comfort <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 7640 lm Power consumption = 40.1 W Luminous efficacy = 190.5 lm/W	<b>serial documentation</b> <b>21.09.2023</b>



**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	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Licross® 11 Recessed</b>	Order number: <b>51TE12DV475G</b> EAN: <b>4058352965177</b>	LP number <b>58637_163</b>
Table of values for luminous intensities		
Maximum luminous intensity		

C-planes $\gamma$	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 <b>Licross® 11 Recessed</b>	Order number: <b>51TE12DV475G</b> EAN: <b>4058352965177</b>	LP number <b>58637_163</b>
---------------------------------------	--	-------------------------------

<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
------------------	----------------------	---------------

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	20.3	21.8	20.6	22.1	22.4	20.4	21.9	20.7	22.2	22.5
	3H	20.8	22.1	21.2	22.5	22.8	20.9	22.2	21.3	22.6	22.9
	4H	21.0	22.3	21.4	22.6	23.0	21.2	22.4	21.6	22.7	23.1
	6H	21.2	22.3	21.6	22.7	23.1	21.4	22.5	21.8	22.9	23.2
	8H	21.3	22.3	21.7	22.7	23.1	21.5	22.5	21.9	22.9	23.3
	12H	21.3	22.3	21.8	22.7	23.1	21.5	22.5	21.9	22.8	23.3
4H	2H	20.5	21.7	20.9	22.1	22.5	20.6	21.8	21.0	22.2	22.6
	3H	21.1	22.1	21.5	22.5	22.9	21.3	22.3	21.7	22.7	23.1
	4H	21.4	22.3	21.8	22.7	23.2	21.6	22.6	22.1	23.0	23.4
	6H	21.6	22.4	22.1	22.8	23.3	21.9	22.7	22.4	23.1	23.6
	8H	21.7	22.4	22.2	22.9	23.3	22.0	22.7	22.5	23.2	23.7
	12H	21.8	22.4	22.3	22.8	23.3	22.1	22.7	22.6	23.2	23.7
8H	4H	21.5	22.2	21.9	22.6	23.1	21.7	22.4	22.2	22.9	23.3
	6H	21.7	22.3	22.2	22.8	23.3	22.0	22.6	22.5	23.1	23.6
	8H	21.8	22.3	22.3	22.8	23.3	22.2	22.7	22.7	23.2	23.7
	12H	21.9	22.3	22.4	22.8	23.4	22.3	22.7	22.8	23.2	23.7
12H	4H	21.5	22.1	22.0	22.6	23.0	21.7	22.3	22.2	22.8	23.3
	6H	21.7	22.2	22.2	22.7	23.2	22.0	22.5	22.6	23.0	23.6
	8H	21.8	22.3	22.4	22.8	23.3	22.2	22.6	22.7	23.1	23.7

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 2250</b> <b>B = 58</b>
------------------------	---	--------------------------------------	----------------------------------

C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		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°		18972.4	18736.7	19747.0	21508.8	20463.7	17539.0	16008.4	
50°		14782.1	14512.4	14718.5	15814.7	15896.1	14138.6	12615.1	
55°		11480.9	11022.0	10728.4	11466.7	12415.8	11324.1	9918.9	
60°		9216.0	8563.9	7999.9	8563.0	9795.0	9058.6	8014.7	
65°		7762.2	6948.4	6237.7	6709.7	7869.4	7549.6	6876.5	
70°		6758.9	5902.3	5052.5	5494.1	6467.4	6593.0	6270.4	
75°		5873.2	4981.8	4169.5	4568.0	5398.9	5864.4	5832.7	
80°		5010.6	4105.7	3331.0	3647.2	4367.3	5003.9	5165.0	
85°		3593.7	2907.2	2408.8	2676.8	3168.5	3738.1	3893.9	

**Photometric test report**

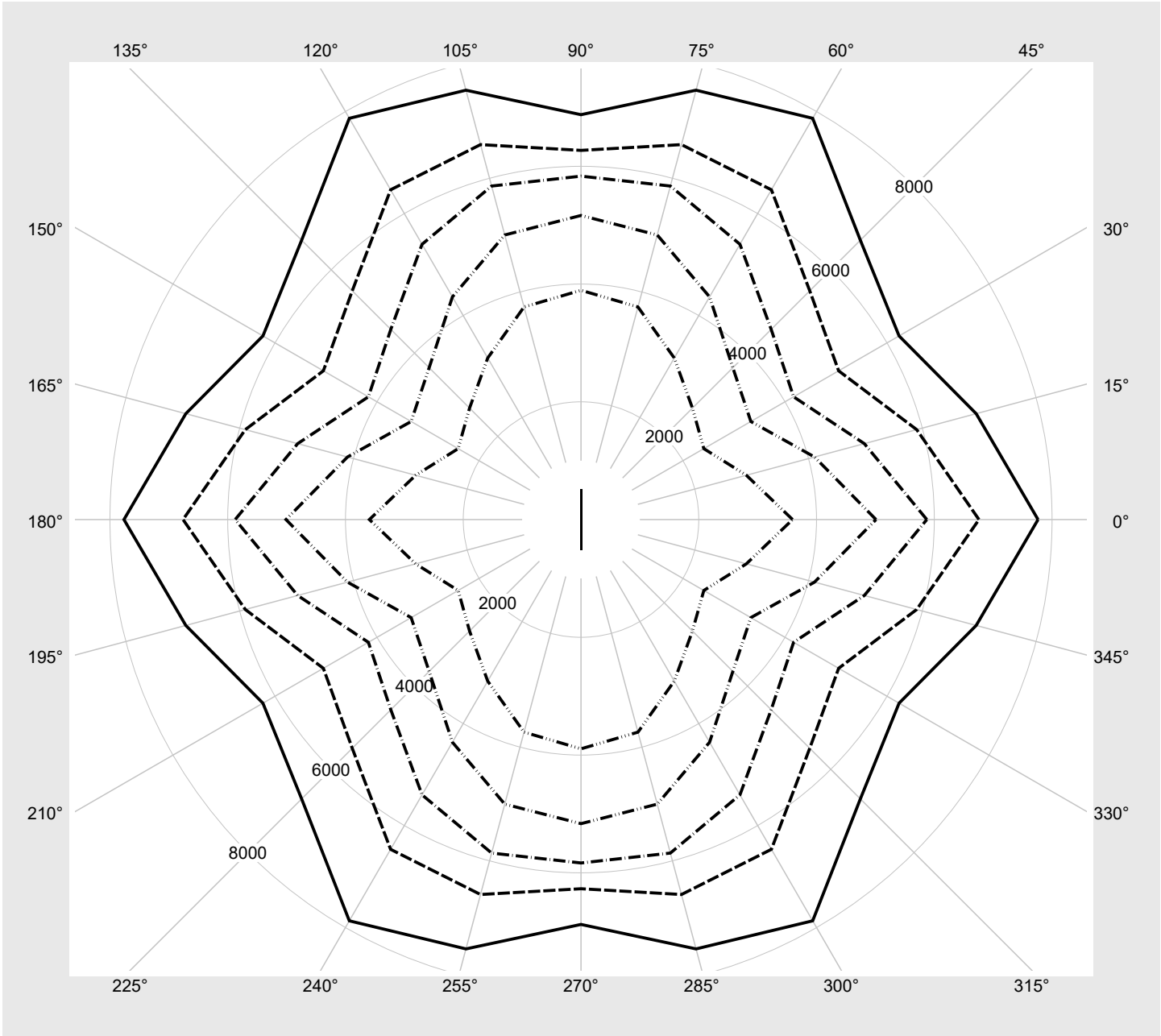
**Family**  
Licross® 11 Recessed

**Order number: 51TE12DV475G**  
**EAN: 4058352965177**

**LP number**  
**58637\_163**

**Luminance values in cd/m<sup>2</sup>**

$\gamma$  65°  
   $\gamma$  70°  
   $\gamma$  75°  
   $\gamma$  80°  
   $\gamma$  85°



## Photometric test report

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TE12DV475G</b> <b>EAN: 4058352965177</b>	<b>LP number</b> <b>58637_163</b>
---------------------------------------	--	--------------------------------------

<b>Dimming levels table</b>	environmental temperature: 25°C	<b>sITeco</b>
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	7640	40.1
95	241	252	7265	38.1
90	228	250	6887	36.2
85	215	248	6505	34.2
80	202	246	6124	32.2
75	189	243	5743	30.2
70	176	241	5359	28.2
65	163	238	4974	26.2
60	150	235	4587	24.1
55	137	231	4198	22.1
50	125	228	3834	20.3
45	112	224	3442	18.4
40	99	219	3048	16.7
35	87	215	2683	15.2
30	74	209	2286	13.5
25	62	202	1918	11.8
20	49	194	1517	9.6
15	37	183	1141	7.0
10	25	169	768	4.0
7	18	157	550	2.7