
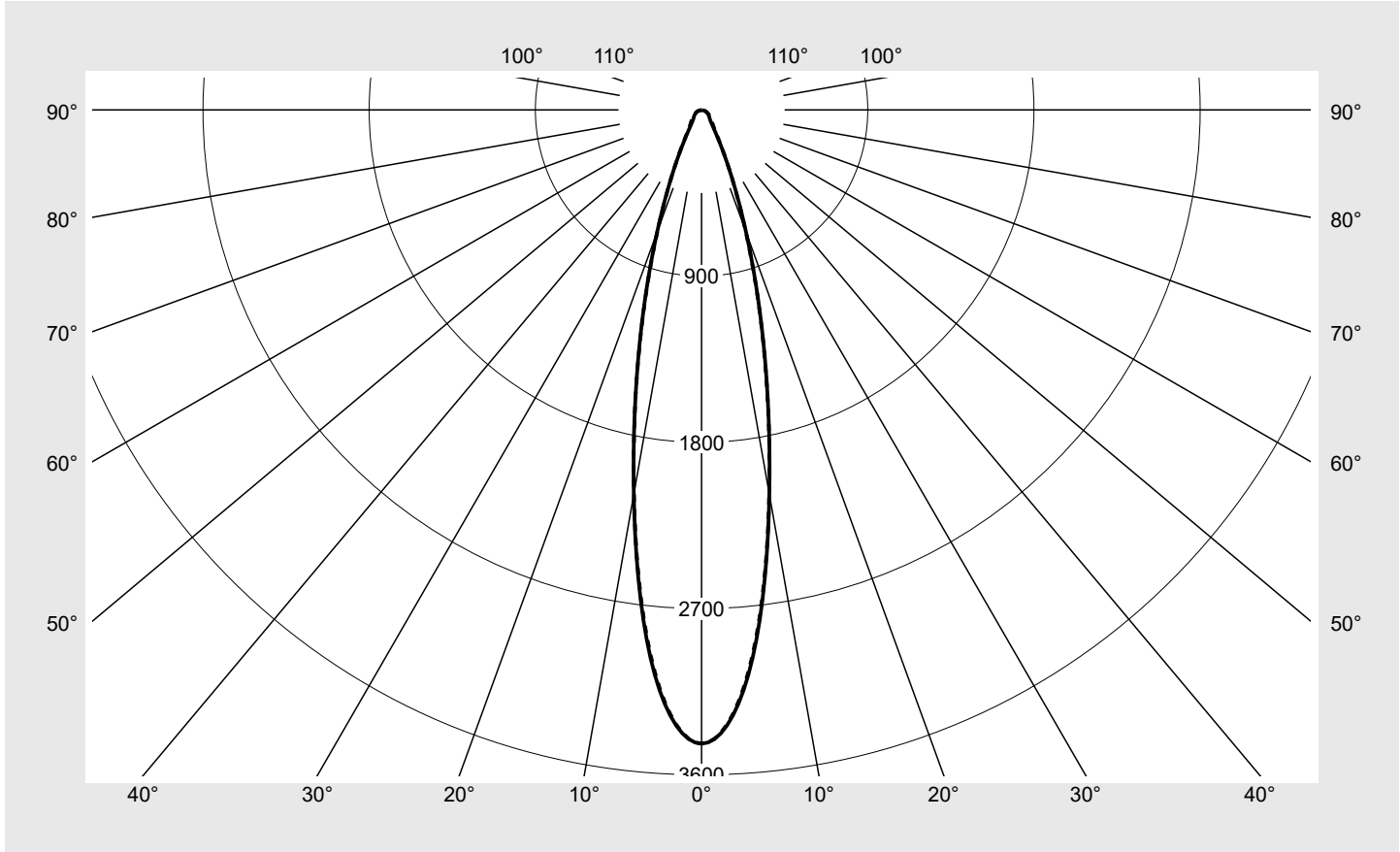


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE11DV4LXS</b> <b>EAN: 4069025012814</b>	<b>LP number</b> <b>58784_337</b>
	<b>Version</b> cover frosted, narrow distribution <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG-DALI <b>Rated values</b> Net luminous flux = 20300 lm Power consumption = 108.0 W Luminous efficacy = 188 lm/W	<b>serial documentation</b> <b>08.11.2023</b>
		

**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 3431 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE11DV4LXS</b> <b>EAN: 4069025012814</b>	<b>LP number</b> <b>58784_337</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TE11DV4LXS</b> <b>EAN: 4069025012814</b>	<b>LP number</b> 58784_337
---------------------------------------	--	-------------------------------

<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	17.1	18.2	17.4	18.5	18.8	17.4	18.6	17.8	18.9	19.2
	3H	18.4	19.4	18.8	19.7	20.1	18.9	19.8	19.2	20.2	20.5
	4H	18.8	19.7	19.2	20.0	20.4	19.4	20.3	19.8	20.6	21.0
	6H	18.9	19.8	19.4	20.1	20.5	19.7	20.5	20.1	20.9	21.3
	8H	19.0	19.7	19.5	20.1	20.5	19.9	20.6	20.3	20.9	21.3
	12H	19.0	19.7	19.5	20.1	20.5	19.9	20.5	20.3	20.9	21.3
4H	2H	17.8	18.7	18.2	19.1	19.4	18.1	19.0	18.5	19.4	19.7
	3H	19.3	20.0	19.7	20.4	20.8	19.7	20.4	20.1	20.8	21.3
	4H	19.7	20.4	20.2	20.8	21.3	20.3	21.0	20.7	21.4	21.8
	6H	19.9	20.5	20.4	20.9	21.4	20.7	21.3	21.2	21.7	22.2
	8H	20.0	20.5	20.4	20.9	21.4	20.8	21.3	21.3	21.8	22.3
	12H	20.0	20.4	20.5	20.9	21.4	20.9	21.3	21.4	21.8	22.3
8H	4H	20.1	20.6	20.5	21.0	21.5	20.6	21.1	21.1	21.5	22.0
	6H	20.3	20.7	20.8	21.2	21.7	21.1	21.5	21.6	22.0	22.5
	8H	20.3	20.7	20.8	21.2	21.7	21.3	21.6	21.8	22.1	22.6
	12H	20.4	20.7	20.9	21.2	21.7	21.3	21.7	21.9	22.2	22.7
12H	4H	20.1	20.5	20.6	21.0	21.5	20.6	21.0	21.1	21.5	22.0
	6H	20.3	20.7	20.8	21.2	21.7	21.1	21.5	21.6	21.9	22.5
	8H	20.4	20.7	20.9	21.2	21.8	21.3	21.6	21.8	22.1	22.6

<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°		13356.6	12918.4	12546.8	12513.4	12736.3	14667.8	16617.7
50°		12764.6	12469.6	12401.6	12251.8	12092.3	13555.2	15297.9
55°		12161.8	11781.3	12320.2	12209.6	11667.7	12567.5	14015.5
60°		11603.5	11224.6	11873.9	12376.6	11583.9	11822.5	13016.6
65°		10962.4	10649.9	11407.4	12498.0	11684.2	11311.7	12143.2
70°		9945.9	9860.8	10409.8	12214.5	11507.7	10596.3	11068.8
75°		7355.3	7620.9	8692.6	11097.2	10622.4	9409.0	9595.9
80°		4963.7	5009.4	5760.9	8085.6	8920.5	7850.0	7704.9
85°		3905.1	3830.2	4228.2	5659.6	6202.2	6020.1	5309.8

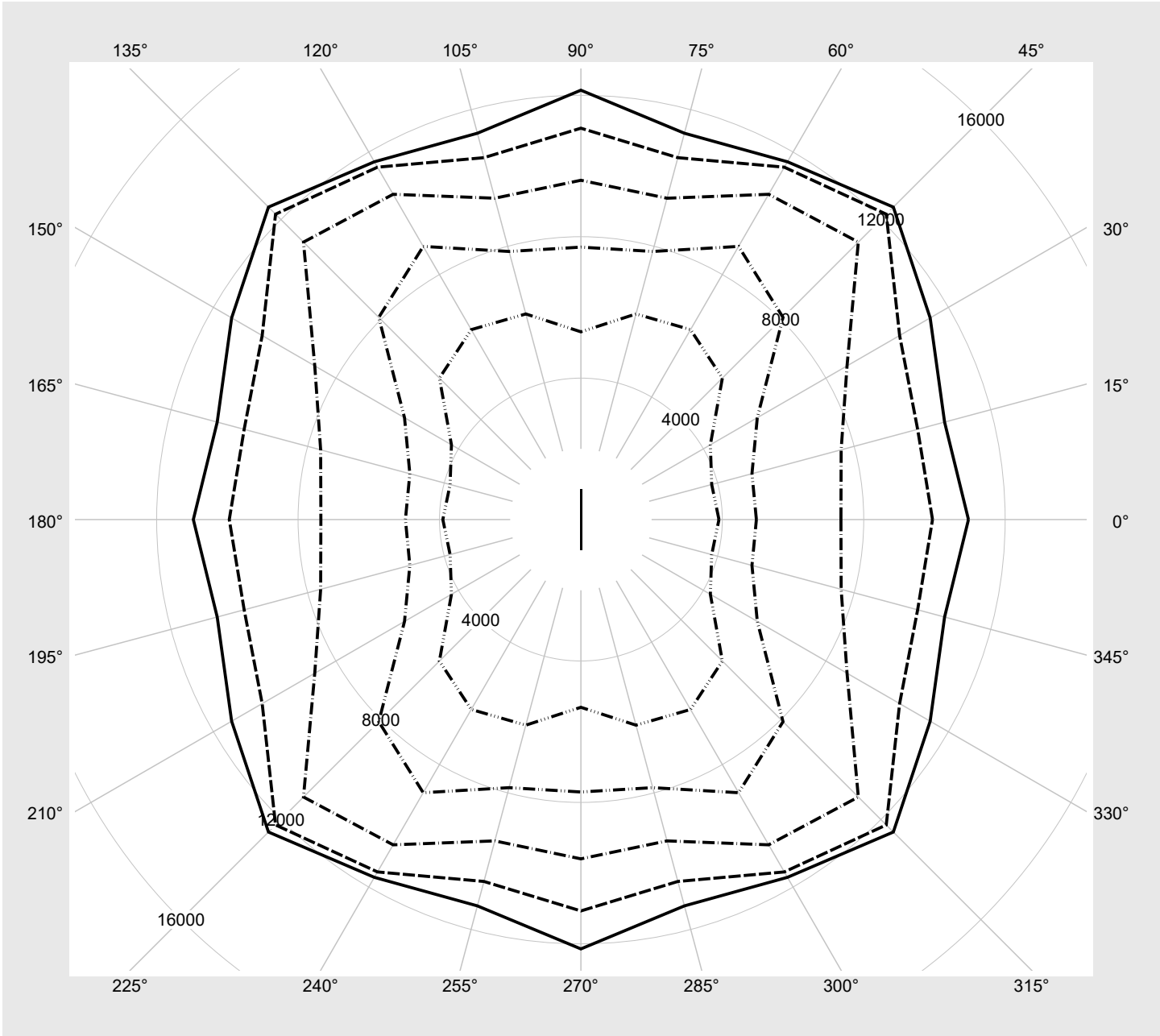
**Photometric test report**

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TE11DV4LXS</b> <b>EAN: 4069025012814</b>	<b>LP number</b> <b>58784_337</b>
---------------------------------------	--	--------------------------------------



**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: 51TE11DV4LXS</b> <b>EAN: 4069025012814</b>	<b>LP number</b> <b>58784_337</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	20300	108.0
95	240	252	19258	102.0
90	227	250	18281	96.4
85	213	248	17222	90.5
80	200	245	16229	84.9
75	187	243	15233	79.4
70	174	240	14227	74.1
65	161	237	13217	68.6
60	148	234	12196	63.1
55	135	231	11166	57.8
50	122	227	10130	52.4
45	110	223	9165	47.4
40	97	219	8107	42.0
35	85	214	7127	37.1
30	72	208	6055	31.7
25	60	201	5058	26.7
20	48	193	4055	21.7
15	36	182	3047	16.5
10	24	168	2028	11.3
5	12	142	1003	5.9
2	5	110	402	2.5