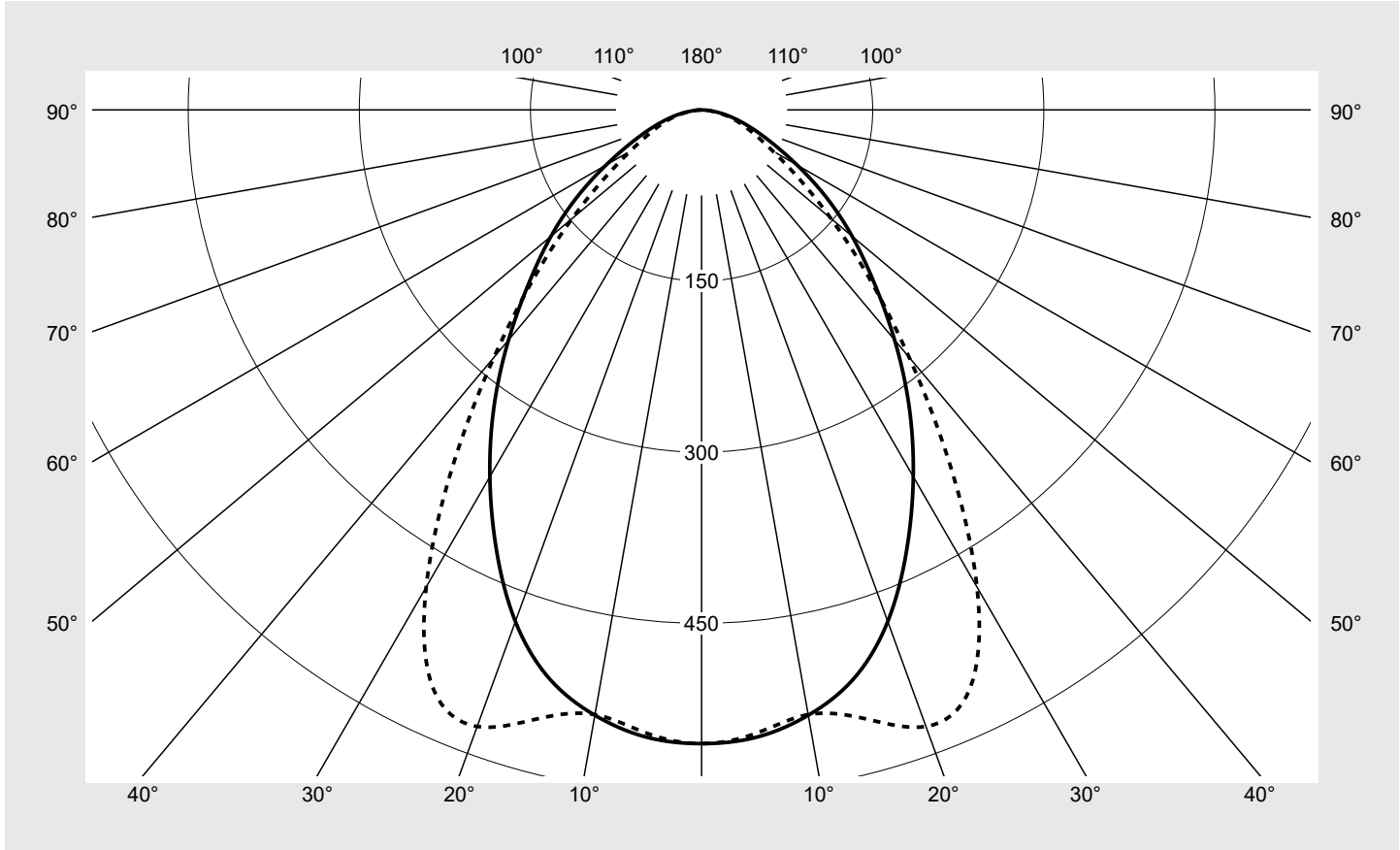


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL12CN4C5M</b> <b>EAN: 4058352918432</b>	<b>LP number</b> <b>58689_201</b>
	<b>Version</b> cover frosted, wide distribution, high visual comfort <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG-Multilumen CLOi <b>Rated values</b> Net luminous flux = 12740 lm Power consumption = 66.5 W Luminous efficacy = 191.6 lm/W	<b>serial documentation</b> <b>14.11.2025</b>
		

**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 575 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 N3=98 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>51TL12CN4C5M</b> EAN: <b>4058352918432</b>	LP number <b>58689_201</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>
		<b>siteco</b>

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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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: 51TL12CN4C5M</b> <b>EAN: 4058352918432</b>	<b>LP number</b> 58689_201
---------------------------------------	--	-------------------------------

<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	23.7	25.2	24.1	25.5	25.8	23.2	24.7	23.5	25.0	25.3
	3H	24.5	25.8	24.8	26.1	26.5	23.8	25.1	24.2	25.4	25.8
	4H	24.7	26.0	25.1	26.3	26.7	24.0	25.3	24.4	25.6	26.0
	6H	25.0	26.1	25.4	26.5	26.9	24.2	25.4	24.7	25.7	26.1
	8H	25.1	26.1	25.5	26.5	26.9	24.4	25.4	24.8	25.8	26.2
	12H	25.1	26.1	25.6	26.5	26.9	24.4	25.4	24.8	25.8	26.2
4H	2H	24.1	25.3	24.4	25.6	26.0	23.6	24.9	24.0	25.2	25.6
	3H	24.9	25.9	25.3	26.3	26.7	24.4	25.4	24.8	25.8	26.2
	4H	25.2	26.1	25.7	26.6	27.0	24.7	25.7	25.2	26.1	26.5
	6H	25.5	26.3	26.0	26.7	27.2	25.0	25.8	25.5	26.2	26.7
	8H	25.6	26.3	26.1	26.8	27.3	25.1	25.8	25.6	26.3	26.8
	12H	25.7	26.3	26.2	26.8	27.3	25.2	25.8	25.7	26.3	26.8
8H	4H	25.3	26.0	25.8	26.5	27.0	24.9	25.6	25.3	26.0	26.5
	6H	25.6	26.2	26.1	26.7	27.2	25.2	25.8	25.7	26.3	26.8
	8H	25.8	26.3	26.3	26.8	27.3	25.3	25.9	25.9	26.4	26.9
	12H	25.9	26.3	26.4	26.8	27.3	25.4	25.9	26.0	26.4	26.9
12H	4H	25.3	26.0	25.8	26.4	26.9	24.9	25.5	25.4	26.0	26.5
	6H	25.7	26.2	26.2	26.6	27.2	25.2	25.7	25.8	26.2	26.8
	8H	25.8	26.2	26.3	26.7	27.3	25.4	25.8	25.9	26.3	26.9

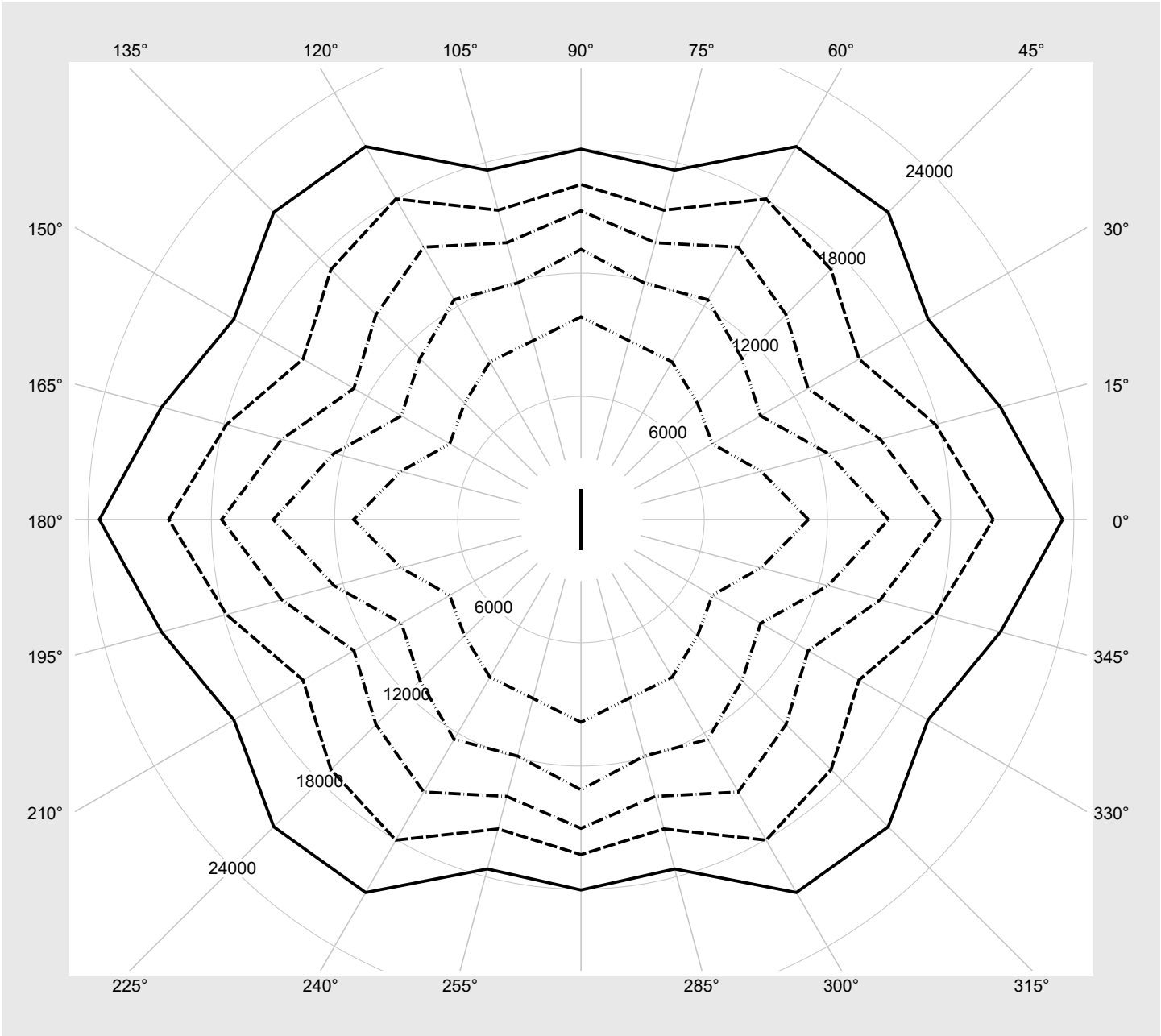
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b>
			<b>B = 58</b>

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°		44256.8	42244.5	47643.8	47727.2	42001.5	41454.8	42874.9	
50°		39245.7	36505.6	40373.4	40239.7	34083.0	32646.1	33715.5	
55°		34039.0	31034.1	32260.3	32953.2	28536.4	25793.4	26296.9	
60°		28313.0	25736.9	24961.3	26411.0	24347.2	20796.7	21104.8	
65°		23452.1	21146.1	19517.2	21158.6	20971.8	17616.4	18039.4	
70°		20073.9	17872.8	15632.3	17221.2	18029.5	15594.6	16315.2	
75°		17502.1	15089.0	12769.8	14118.1	15319.3	13956.3	15037.0	
80°		14985.4	12449.6	10099.3	11088.5	12359.3	11923.4	13160.5	
85°		11077.4	9074.6	7381.0	8016.1	8866.3	9019.2	9869.3	

**Photometric test report**

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL12CN4C5M</b> <b>EAN: 4058352918432</b>	<b>LP number</b> <b>58689_201</b>
---------------------------------------	--	--------------------------------------

**Luminance values in cd/m<sup>2</sup>**    γ 65°    γ 70°    γ 75°    γ 80°    γ 85°    **siteco**



## Photometric test report

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TL12CN4C5M</b> <b>EAN: 4058352918432</b>	<b>LP number</b> <b>58689_201</b>
---------------------------------------	--	--------------------------------------

<b>Multilumen Table</b>	environmental temperature: 25°C	<b>sITeco</b>
-------------------------	---------------------------------	---------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption	Power consumption
	1	2	3			end of lifetime [W]	average [W]
1	A	C	E	12740	66.5	70.0	68.2
2	A	C	F	12120	63.0	66.5	64.8
3	A	D	E	11120	57.3	60.4	58.8
4	A	D	F	10110	51.7	54.3	53.0
5	B	C	E	9090	46.2	48.7	47.4
6	B	C	F	8130	41.1	43.2	42.2
7	B	D	E	7080	35.6	37.3	36.4
8	B	D	F	6100	30.6	32.3	31.4