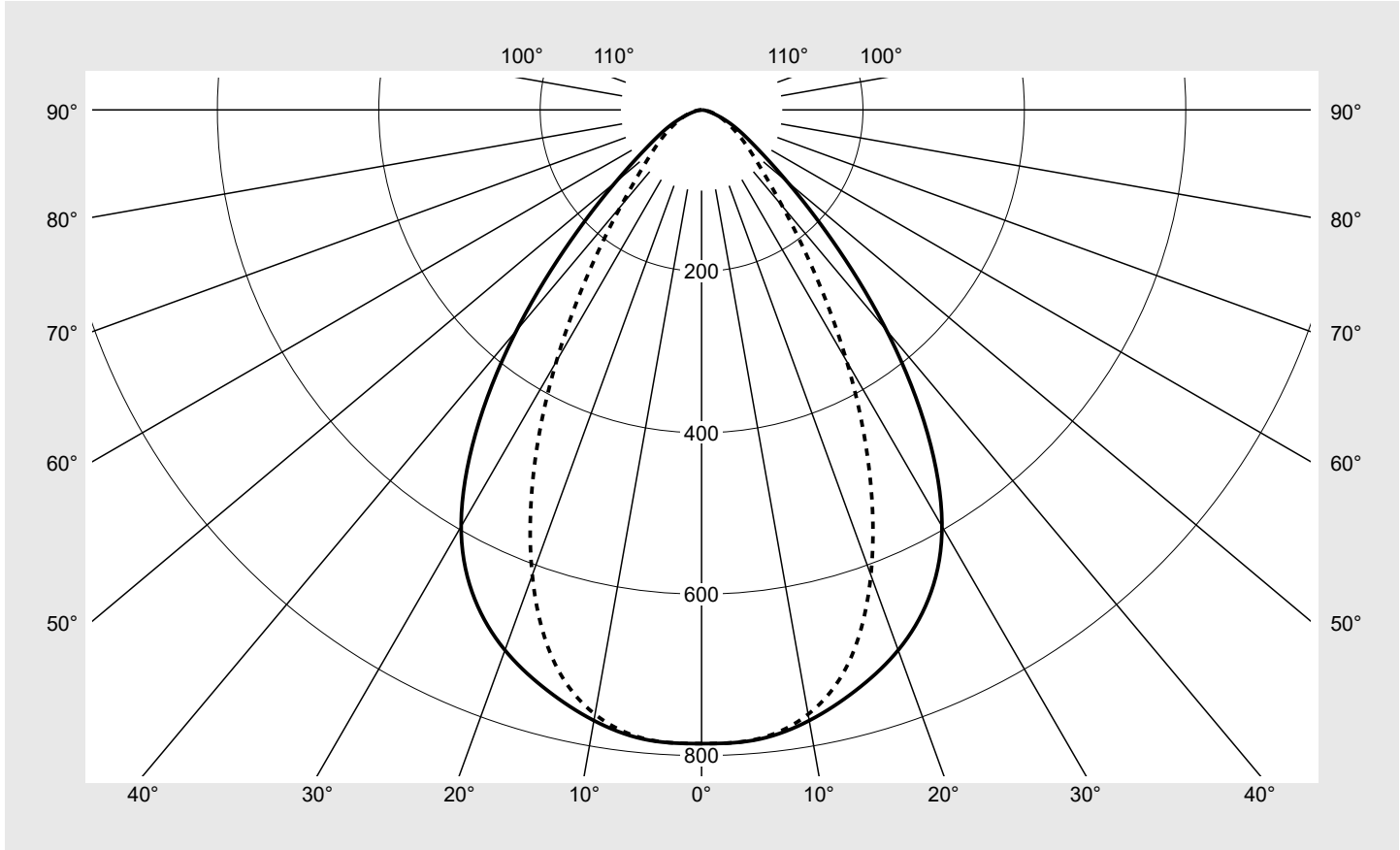


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE18MN4D5M</b> <b>EAN: 4058352940532</b>	<b>LP number</b> <b>58690_117</b>
	<b>Version</b> cover frosted, medium distribution, high visual comfort <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG Multilumen <b>Rated values</b> Net luminous flux = 13950 lm Power consumption = 74.5 W Luminous efficacy = 187.2 lm/W	<b>serial documentation</b> <b>11.10.2023</b>
		

**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 785 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=78 N2=94 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: 51TE18MN4D5M</b> <b>EAN: 4058352940532</b>	<b>LP number</b> <b>58690_117</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°	785.2	785.2	785.2	785.2	785.2	785.2	785.2	4.7	4.7
5°	783.4	781.4	776.6	779.8	781.8	782.1	782.7	37.3	42.0
10°	768.3	766.7	761.5	762.8	763.5	761.1	760.4	72.7	114.7
15°	743.6	742.7	733.7	728.3	720.6	709.9	707.4	103.1	217.8
20°	712.4	708.4	691.4	669.5	643.5	621.3	613.4	124.9	342.7
25°	666.9	659.0	622.8	576.9	532.3	501.9	491.6	134.0	476.7
30°	595.9	578.6	522.8	456.8	403.1	370.2	359.8	128.3	605.0
35°	487.4	465.5	401.4	331.1	278.9	249.4	240.2	109.5	714.5
40°	356.6	334.8	278.6	220.0	182.5	161.7	155.6	84.2	798.7
45°	229.8	212.6	172.5	137.3	118.7	108.8	106.4	59.3	858.0
50°	138.7	127.9	104.9	89.6	83.6	79.2	78.2	41.5	899.6
55°	86.1	79.8	69.3	65.4	63.7	60.2	58.5	30.7	930.3
60°	57.8	53.9	50.5	51.8	50.6	46.1	43.1	24.0	954.3
65°	38.0	36.1	37.7	39.9	40.1	34.9	31.4	18.5	972.8
70°	21.9	21.5	24.3	28.4	29.8	25.8	22.4	13.0	985.8
75°	11.6	11.4	12.7	17.5	19.8	17.4	14.7	8.1	993.9
80°	5.8	5.7	6.1	8.6	10.9	9.9	8.2	4.3	998.3
85°	2.4	2.3	2.4	3.2	4.0	3.9	3.0	1.7	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: 51TE18MN4D5M</b> <b>EAN: 4058352940532</b>	<b>LP number</b> 58690_117
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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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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	22.9	24.2	23.2	24.5	24.9	20.2	21.6	20.6	21.9	22.2
	3H	23.1	24.3	23.5	24.7	25.0	20.9	22.1	21.3	22.5	22.8
	4H	23.2	24.3	23.6	24.6	25.0	21.2	22.3	21.6	22.7	23.0
	6H	23.2	24.2	23.6	24.5	24.9	21.3	22.4	21.8	22.7	23.1
	8H	23.3	24.1	23.7	24.5	24.9	21.5	22.4	21.9	22.8	23.2
	12H	23.3	24.0	23.7	24.4	24.8	21.5	22.3	21.9	22.7	23.1
4H	2H	22.9	24.1	23.3	24.4	24.8	20.7	21.8	21.1	22.1	22.5
	3H	23.3	24.2	23.7	24.6	25.0	21.6	22.5	22.0	22.9	23.3
	4H	23.4	24.2	23.8	24.6	25.1	22.0	22.8	22.4	23.2	23.7
	6H	23.4	24.1	23.9	24.5	25.0	22.3	23.0	22.7	23.4	23.9
	8H	23.4	24.0	23.9	24.5	25.0	22.3	23.0	22.8	23.4	23.9
	12H	23.4	24.0	23.9	24.4	24.9	22.4	22.9	22.9	23.4	23.9
8H	4H	23.4	24.1	23.9	24.5	25.0	22.2	22.8	22.6	23.2	23.7
	6H	23.5	24.0	24.0	24.5	25.0	22.5	23.0	23.0	23.5	24.0
	8H	23.5	23.9	24.0	24.4	24.9	22.6	23.1	23.2	23.6	24.1
	12H	23.5	23.9	24.0	24.4	24.9	22.7	23.1	23.3	23.6	24.2
12H	4H	23.4	24.0	23.9	24.5	24.9	22.2	22.7	22.7	23.2	23.6
	6H	23.5	23.9	24.0	24.4	24.9	22.6	23.0	23.1	23.5	24.0
	8H	23.5	23.9	24.0	24.4	24.9	22.7	23.1	23.2	23.6	24.1

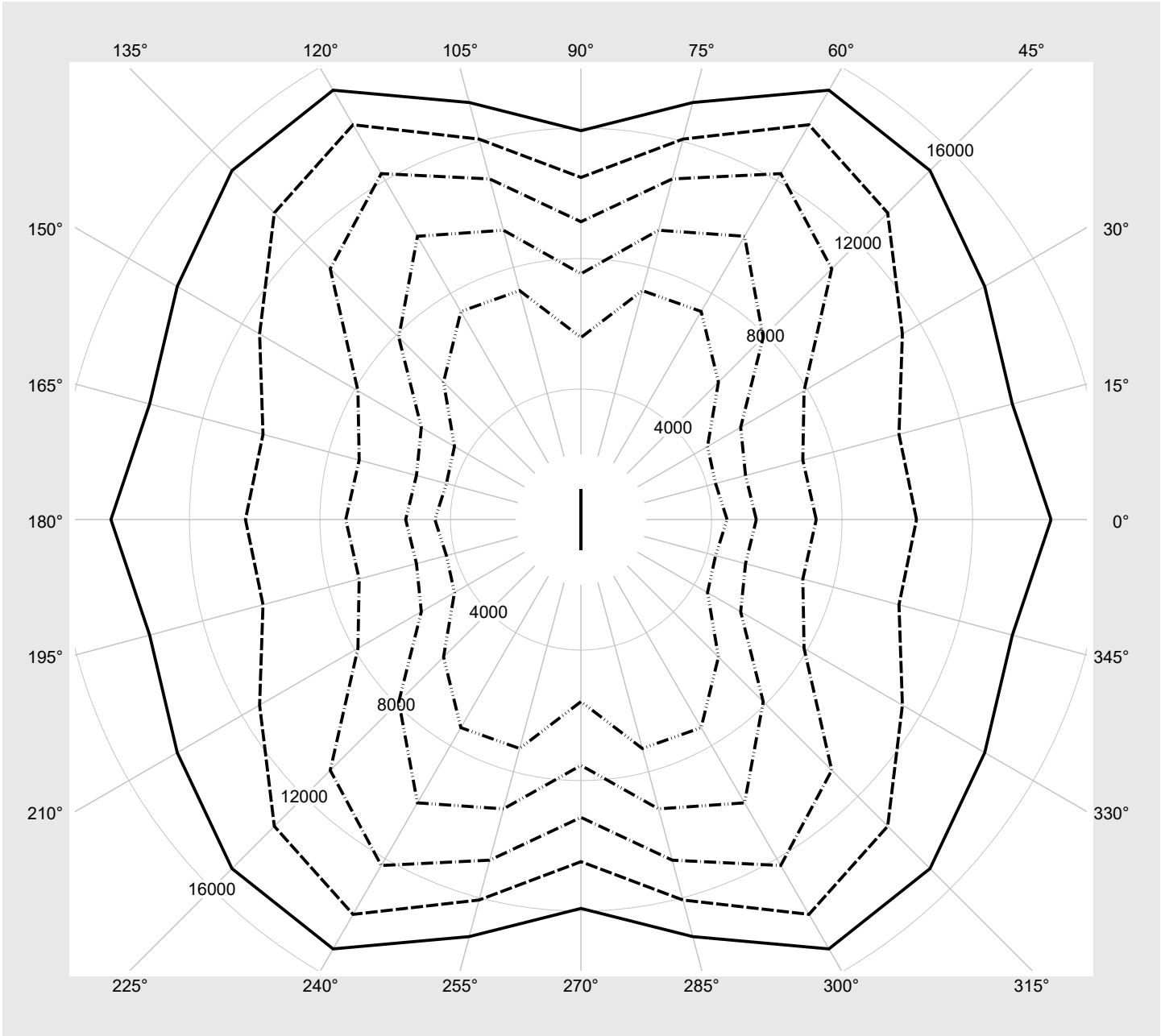
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b>
			<b>B = 58</b>

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°		52112.8	48218.4	39117.1	31125.3	26918.2	24666.0	24137.7	
50°		34593.3	31910.2	26159.6	22354.2	20847.2	19755.9	19496.7	
55°		24074.2	22300.2	19363.5	18296.2	17810.0	16822.9	16356.9	
60°		18538.4	17285.2	16203.5	16596.0	16229.8	14797.9	13818.8	
65°		14406.5	13686.4	14288.1	15128.1	15195.7	13233.4	11918.7	
70°		10283.5	10089.9	11374.0	13292.8	13972.6	12072.5	10486.5	
75°		7210.0	7038.4	7894.0	10868.9	12243.0	10808.2	9128.7	
80°		5373.2	5220.8	5651.1	7897.7	10026.2	9180.3	7534.9	
85°		4478.0	4270.1	4478.0	5957.1	7364.5	7265.2	5580.0	

**Photometric test report**

<b>Family</b> Licross® 11 Recessed	<b>Order number: 51TE18MN4D5M</b> <b>EAN: 4058352940532</b>	<b>LP number</b> 58690_117
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**Luminance values in cd/m<sup>2</sup>**     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**



## Photometric test report

Family  
Licross® 11 Recessed

Order number: 51TE18MN4D5M  
EAN: 4058352940532

LP number  
58690\_117

### Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	13950	74.5
2	A	C	F	12980	68.7
3	A	D	E	12000	63.0
4	A	D	F	11010	57.4
5	B	C	E	10000	51.7
6	B	C	F	8990	46.2
7	B	D	E	8040	41.1
8	B	D	F	7010	35.6