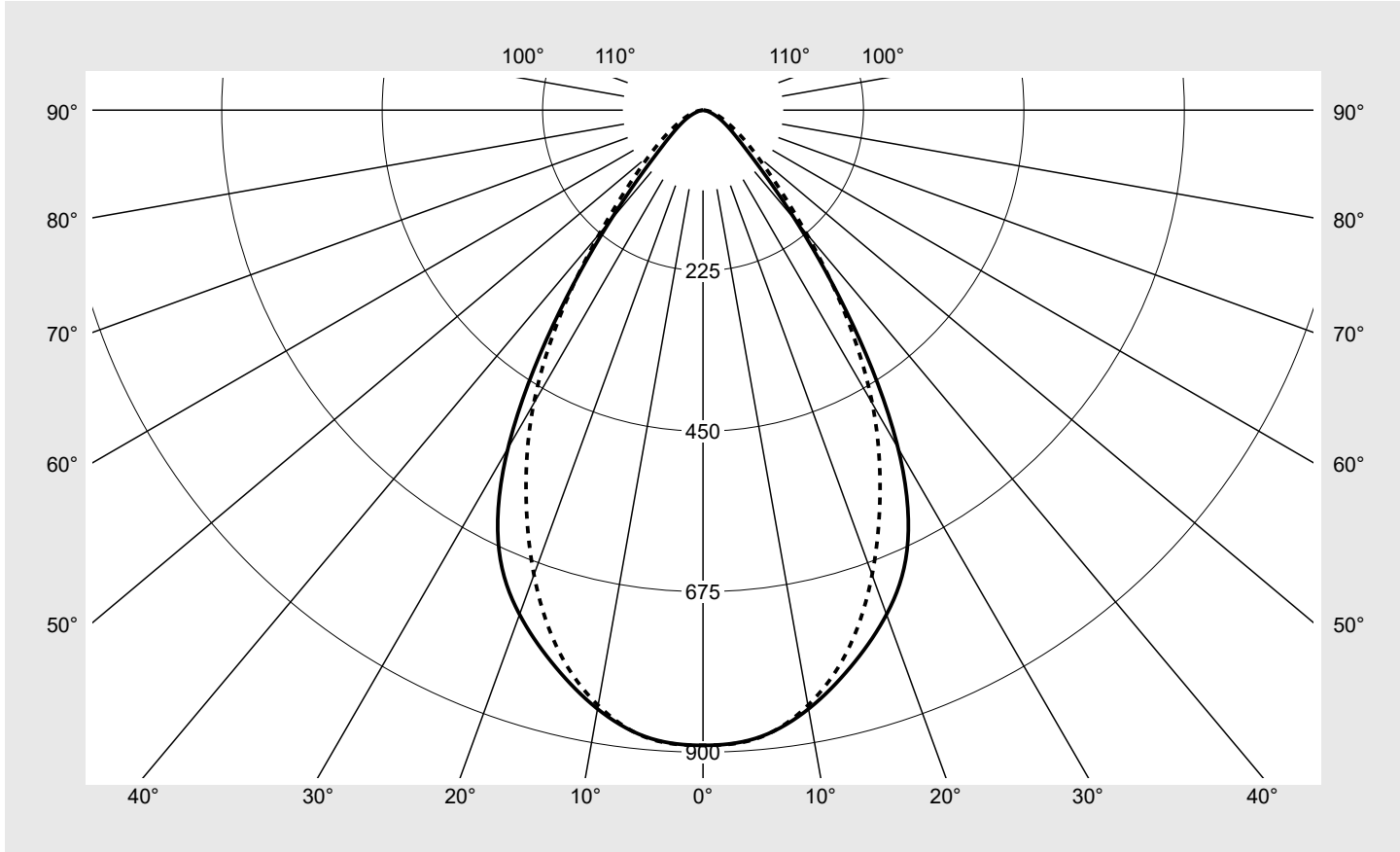


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL18MN495G</b> <b>EAN: 4058352940754</b>	<b>LP number</b> <b>58691_183</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 = 9990 lm Power consumption = 55.2 W Luminous efficacy = 181 lm/W	<b>serial documentation</b> <b>11.10.2023</b>



**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 890 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=83 N2=96 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

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<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</b>

siteco

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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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>51TL18MN495G</b> EAN: <b>4058352940754</b>	LP number <b>58691_183</b>
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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	19.0	20.3	19.3	20.6	20.9	19.9	21.2	20.2	21.5	21.8
	3H	19.1	20.3	19.5	20.6	21.0	20.4	21.5	20.7	21.8	22.2
	4H	19.2	20.2	19.6	20.6	21.0	20.6	21.6	21.0	22.0	22.3
	6H	19.2	20.1	19.6	20.5	20.9	20.7	21.6	21.1	22.0	22.4
	8H	19.2	20.1	19.7	20.5	20.9	20.8	21.6	21.2	22.0	22.4
	12H	19.2	20.0	19.7	20.4	20.8	20.8	21.6	21.3	22.0	22.4
4H	2H	19.1	20.2	19.5	20.5	20.9	20.0	21.0	20.4	21.4	21.7
	3H	19.4	20.3	19.8	20.7	21.1	20.6	21.5	21.0	21.9	22.3
	4H	19.5	20.2	19.9	20.7	21.1	20.9	21.7	21.4	22.1	22.6
	6H	19.5	20.2	19.9	20.6	21.1	21.1	21.8	21.6	22.2	22.7
	8H	19.5	20.1	20.0	20.5	21.0	21.2	21.8	21.7	22.2	22.7
	12H	19.5	20.0	20.0	20.5	21.0	21.3	21.8	21.8	22.2	22.7
8H	4H	19.6	20.2	20.0	20.6	21.1	20.9	21.5	21.4	22.0	22.5
	6H	19.6	20.1	20.1	20.6	21.1	21.2	21.7	21.7	22.2	22.7
	8H	19.6	20.0	20.1	20.5	21.1	21.3	21.8	21.8	22.2	22.8
	12H	19.6	20.0	20.2	20.5	21.0	21.4	21.8	21.9	22.3	22.8
12H	4H	19.6	20.1	20.1	20.6	21.1	20.9	21.4	21.4	21.9	22.4
	6H	19.6	20.0	20.2	20.5	21.1	21.2	21.6	21.7	22.1	22.6
	8H	19.7	20.0	20.2	20.5	21.0	21.3	21.7	21.9	22.2	22.7

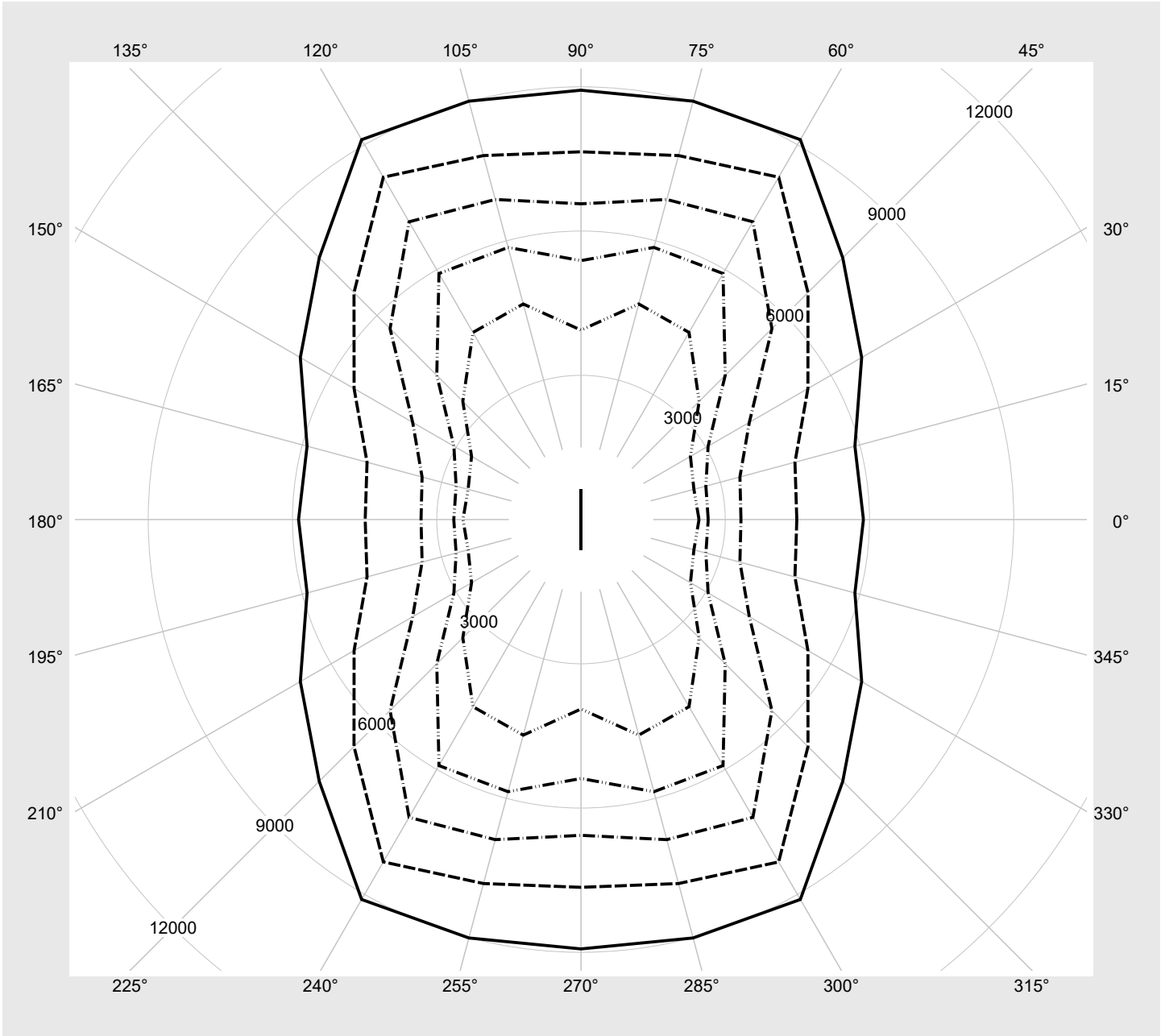
<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm:</b>	<b>L = 1500</b> <b>B = 58</b>
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C-planes	$\gamma$	Luminance in cd/m <sup>2</sup>							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		17672.0	17543.2	16670.2	16832.4	20124.4	22648.3	23407.0	
50°		11923.5	11808.1	11211.8	11902.1	14994.0	16934.7	17372.6	
55°		9126.3	9070.5	9075.5	9802.6	12183.1	13409.3	13571.7	
60°		7332.9	7296.6	7842.5	8734.5	10372.1	10815.4	10805.3	
65°		5873.7	5897.6	6739.9	7698.5	9123.6	9008.7	8929.6	
70°		4488.1	4606.6	5449.0	6676.1	8221.8	7837.0	7648.7	
75°		3326.6	3421.5	4042.2	5615.4	7150.9	6891.8	6567.1	
80°		2645.7	2688.7	3052.4	4241.4	5908.4	5859.5	5385.3	
85°		2454.5	2430.8	2628.4	3475.6	4494.0	4641.5	3940.6	

**Photometric test report**

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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: 51TL18MN495G  
EAN: 4058352940754

LP number  
58691\_183

## Multilumen Table

environmental temperature: 25°C



DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	9990	55.2
2	A	C	F	9550	52.5
3	A	D	E	9040	49.3
4	A	D	F	8520	46.2
5	B	C	E	7770	41.7
6	B	C	F	7550	40.4
7	B	D	E	7010	37.4
8	B	D	F	6550	34.8