

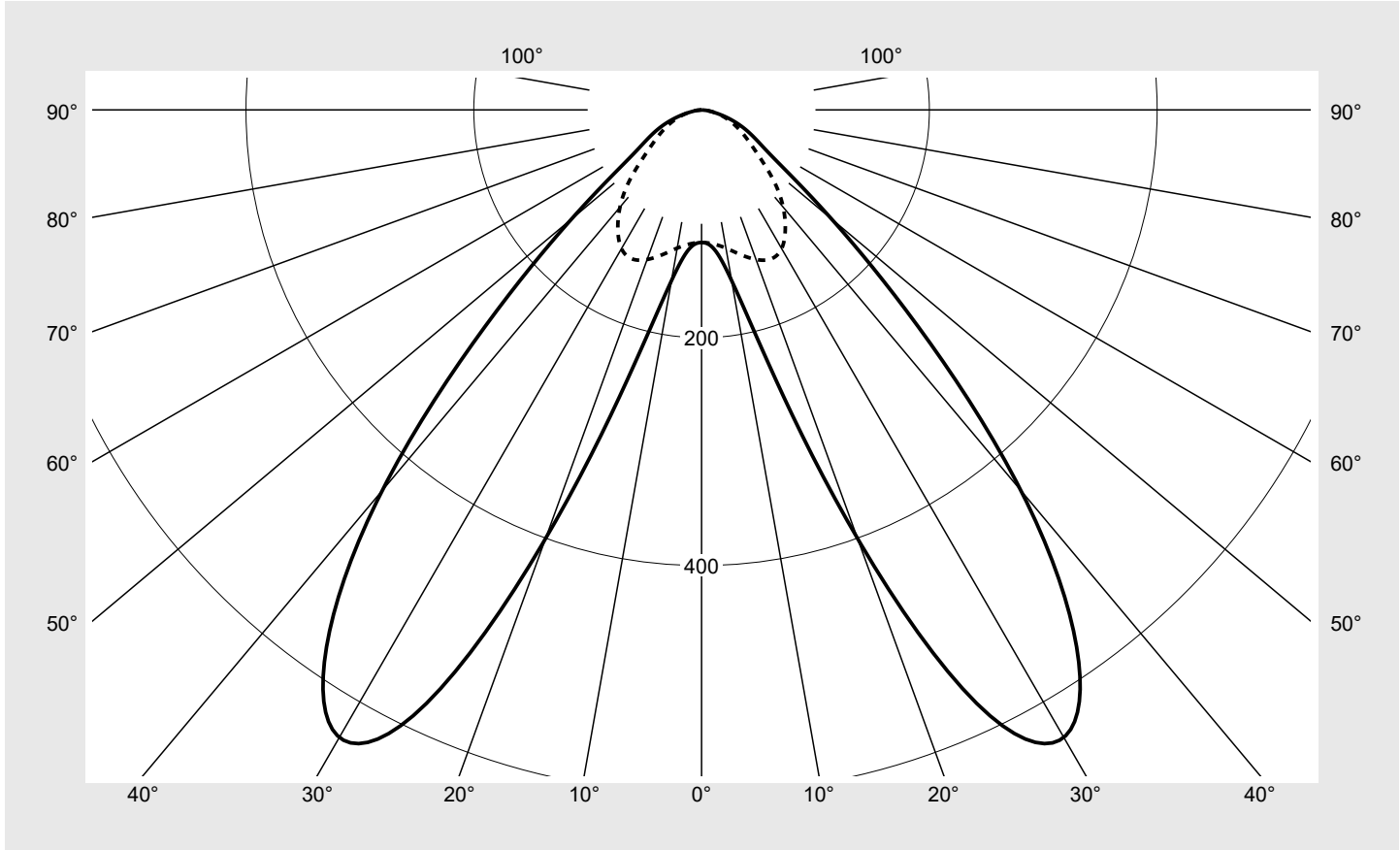


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL197N485G</b> <b>EAN: 4058352940815</b>	<b>LP number</b> <b>58532_421</b>
	<b>Version</b> cover frosted, double asymmetric distribution <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG	<b>serial documentation</b> <b>11.10.2023</b>
	<b>Rated values</b> Net luminous flux = 8580 lm Power consumption = 48.5 W Luminous efficacy = 176.9 lm/W	

**Luminous intensity in cd/klm** C180-0 C270-90 **Imax: 703 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=55 N2=89 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

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL197N485G</b> <b>EAN: 4058352940815</b>	<b>LP number</b> <b>58532_421</b>
<b>Table of values for luminous intensities</b>		<b>Maximum luminous intensity</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°	116.4	116.4	116.4	116.4	116.4	116.4	116.4	0.7	0.7
5°	122.3	121.8	120.5	120.1	119.3	118.4	118.1	5.7	6.4
10°	152.3	149.6	141.1	133.1	127.4	124.1	123.2	12.9	19.3
15°	235.7	226.2	196.7	164.2	142.2	133.3	131.4	24.7	44.1
20°	400.4	377.8	306.4	227.1	167.8	143.8	139.7	46.6	90.7
25°	577.7	557.7	476.8	343.4	212.9	153.0	144.3	81.3	172.0
30°	636.1	636.8	610.4	517.3	280.0	157.9	140.6	118.3	290.3
35°	573.7	597.7	662.3	665.7	347.9	155.6	128.2	145.7	436.0
40°	436.2	470.5	613.4	703.5	376.1	144.6	111.4	151.6	587.6
45°	268.7	299.8	459.0	605.2	334.0	122.5	91.2	129.2	716.8
50°	149.1	168.3	276.5	419.8	259.3	97.4	69.0	93.1	809.9
55°	85.3	95.5	151.2	245.9	199.7	79.3	53.1	62.9	872.9
60°	59.3	63.7	88.0	138.5	152.7	65.0	42.1	44.2	917.1
65°	44.9	47.0	60.8	84.9	110.7	51.4	33.0	32.6	949.7
70°	31.7	33.1	42.5	56.3	76.3	38.4	24.7	23.6	973.3
75°	19.0	20.1	26.0	34.9	49.6	26.3	17.0	15.4	988.7
80°	8.8	9.4	12.7	18.2	27.0	15.2	9.8	8.3	997.0
85°	3.4	3.6	4.7	6.8	9.5	5.9	3.7	3.1	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: 51TL197N485G</b> <b>EAN: 4058352940815</b>	<b>LP number</b> 58532_421
---------------------------------------	--	-------------------------------

siteco

UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.6	26.2	25.0	26.5	26.9	23.4	25.1	23.8	25.4	25.7
	3H	24.8	26.2	25.2	26.6	26.9	23.7	25.2	24.1	25.5	25.9
	4H	24.8	26.2	25.2	26.5	26.9	23.8	25.2	24.2	25.5	25.9
	6H	24.9	26.1	25.3	26.4	26.8	23.8	25.1	24.2	25.5	25.9
	8H	24.9	26.0	25.3	26.4	26.8	23.8	25.1	24.2	25.4	25.8
	12H	24.9	25.9	25.3	26.3	26.7	23.8	25.0	24.2	25.4	25.8
4H	2H	25.0	26.4	25.4	26.7	27.1	24.2	25.5	24.6	25.8	26.2
	3H	25.3	26.4	25.7	26.8	27.2	24.9	26.0	25.3	26.4	26.8
	4H	25.4	26.4	25.8	26.8	27.2	25.1	26.1	25.6	26.6	27.0
	6H	25.4	26.3	25.9	26.7	27.2	25.2	26.1	25.7	26.6	27.0
	8H	25.4	26.2	25.9	26.7	27.1	25.3	26.1	25.7	26.5	27.0
	12H	25.4	26.1	25.9	26.6	27.1	25.3	26.0	25.7	26.5	27.0
8H	4H	25.5	26.4	26.0	26.8	27.3	25.3	26.1	25.8	26.6	27.0
	6H	25.6	26.3	26.1	26.7	27.3	25.6	26.3	26.1	26.8	27.3
	8H	25.6	26.2	26.1	26.7	27.2	25.7	26.3	26.2	26.8	27.3
	12H	25.6	26.1	26.1	26.6	27.2	25.7	26.3	26.3	26.8	27.3
12H	4H	25.5	26.3	26.0	26.7	27.2	25.3	26.0	25.8	26.5	27.0
	6H	25.6	26.2	26.1	26.7	27.2	25.7	26.2	26.2	26.7	27.2
	8H	25.7	26.2	26.2	26.7	27.2	25.8	26.3	26.3	26.8	27.3

<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°		37470.9	41807.6	64019.0	84403.1	46578.8	17086.8	12717.8	
50°		22870.5	25827.5	42426.4	64403.6	39786.6	14946.2	10582.9	
55°		14673.2	16419.2	26000.6	42284.7	34335.4	13627.1	9123.6	
60°		11695.2	12573.7	17359.0	27311.4	30113.8	12830.0	8304.8	
65°		10476.3	10979.0	14188.5	19814.5	25837.5	11988.0	7690.7	
70°		9152.2	9541.7	12265.2	16219.8	22010.7	11079.8	7117.3	
75°		7242.1	7666.9	9916.6	13304.8	18908.0	10028.6	6474.3	
80°		4990.4	5310.8	7209.4	10349.5	15329.7	8642.8	5585.6	
85°		3900.4	4069.0	5270.7	7640.2	10802.9	6628.6	4236.5	

**Photometric test report**

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TL197N485G</b> <b>EAN: 4058352940815</b>	<b>LP number</b> <b>58532_421</b>
--	--	--------------------------------------

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

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

**siteco**

