

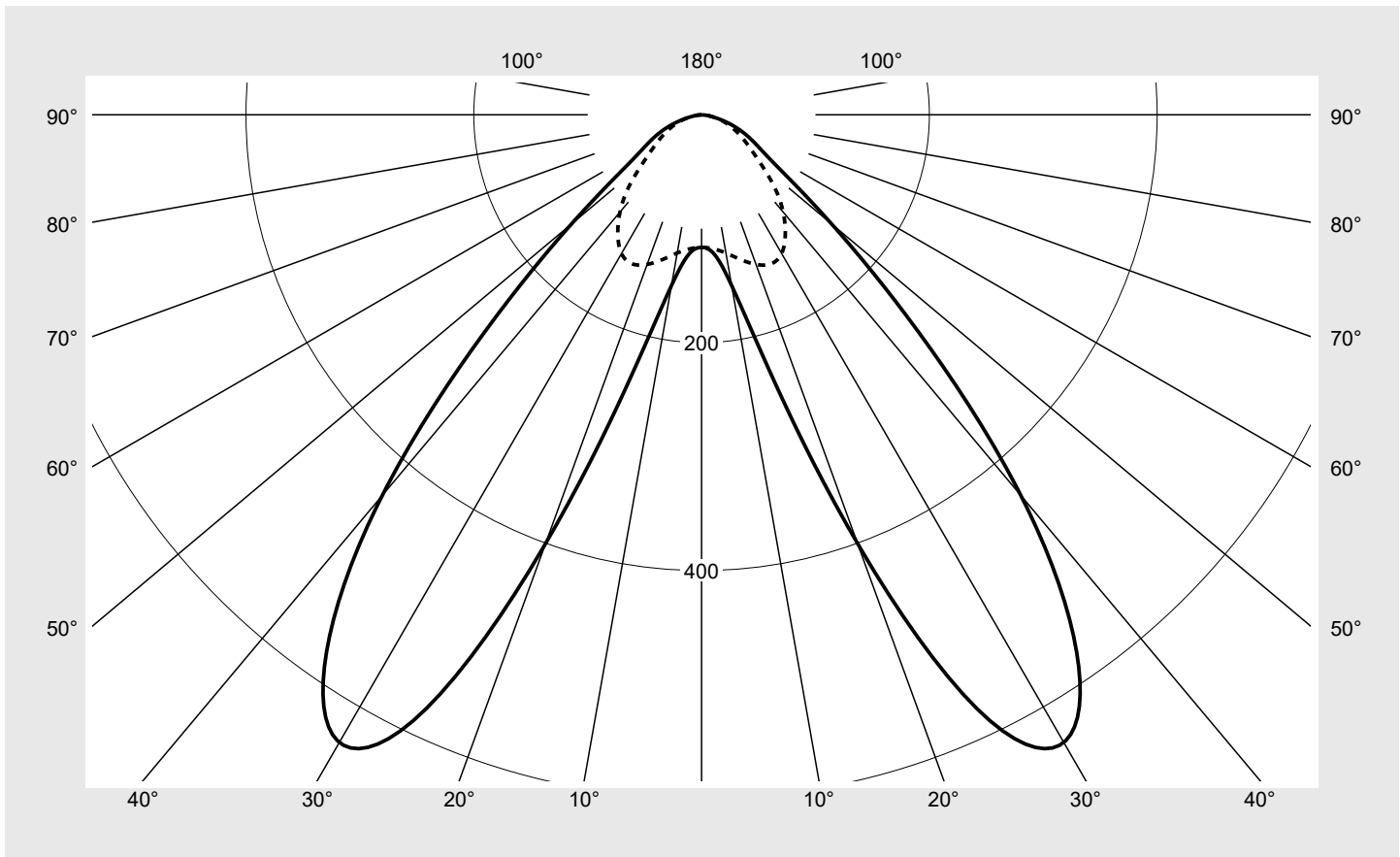


# Photometric test report

<b>Family</b> <b>Licross® 11 Recessed</b>	<b>Order number: 51TE19CN485G</b> <b>EAN: 4058352929322</b>	<b>LP number</b> <b>58532_445</b>
	<b>Version</b> cover frosted, double asymmetric distribution <b>Lamps</b> LED 4000 K   CRI ≥ 80 <b>Controlgear</b> ECG-Multilumen CLOi <b>Rated values</b> Net luminous flux = 8920 lm Power consumption = 49.3 W Luminous efficacy = 180.9 lm/W	<b>serial documentation</b> <b>14.11.2025</b>
		

**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

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<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

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UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	24.8	26.4	25.1	26.7	27.0	23.6	25.2	23.9	25.5	25.8
	3H	24.9	26.4	25.3	26.7	27.0	23.8	25.3	24.2	25.7	26.0
	4H	25.0	26.3	25.4	26.7	27.0	23.9	25.3	24.3	25.7	26.0
	6H	25.0	26.2	25.4	26.6	27.0	24.0	25.3	24.4	25.6	26.0
	8H	25.0	26.1	25.4	26.5	26.9	23.9	25.2	24.4	25.6	26.0
	12H	25.0	26.1	25.4	26.5	26.9	23.9	25.1	24.4	25.5	25.9
4H	2H	25.1	26.5	25.5	26.9	27.2	24.3	25.6	24.7	26.0	26.3
	3H	25.4	26.6	25.8	26.9	27.4	25.0	26.1	25.4	26.5	26.9
	4H	25.5	26.5	26.0	26.9	27.4	25.3	26.3	25.7	26.7	27.1
	6H	25.6	26.4	26.0	26.9	27.3	25.4	26.3	25.8	26.7	27.2
	8H	25.6	26.4	26.0	26.8	27.3	25.4	26.2	25.9	26.7	27.1
	12H	25.6	26.3	26.0	26.7	27.2	25.4	26.1	25.9	26.6	27.1
8H	4H	25.7	26.5	26.1	26.9	27.4	25.5	26.3	25.9	26.7	27.2
	6H	25.7	26.4	26.2	26.9	27.4	25.8	26.4	26.3	26.9	27.4
	8H	25.8	26.3	26.3	26.8	27.3	25.8	26.4	26.3	26.9	27.4
	12H	25.8	26.3	26.3	26.8	27.3	25.9	26.4	26.4	26.9	27.4
12H	4H	25.7	26.4	26.2	26.9	27.4	25.5	26.2	26.0	26.6	27.1
	6H	25.8	26.4	26.3	26.9	27.4	25.8	26.4	26.3	26.8	27.4
	8H	25.8	26.3	26.3	26.8	27.3	25.9	26.4	26.4	26.9	27.4

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500
			B = 58

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°		38955.8	43464.3	66555.9	87747.7	48424.5	17763.9	13221.7
50°		23776.8	26851.0	44107.7	66955.7	41363.2	15538.5	11002.3
55°		15254.6	17069.9	27030.9	43960.3	35696.0	14167.1	9485.2
60°		12158.7	13072.0	18046.9	28393.7	31307.1	13338.4	8633.9
65°		10891.4	11414.0	14750.8	20599.7	26861.3	12463.0	7995.5
70°		9514.8	9919.8	12751.2	16862.6	22882.9	11518.8	7399.3
75°		7529.0	7970.7	10309.6	13832.0	19657.3	10426.0	6730.8
80°		5188.2	5521.2	7495.0	10759.6	15937.1	8985.3	5807.0
85°		4055.0	4230.3	5479.6	7943.0	11231.0	6891.3	4404.4

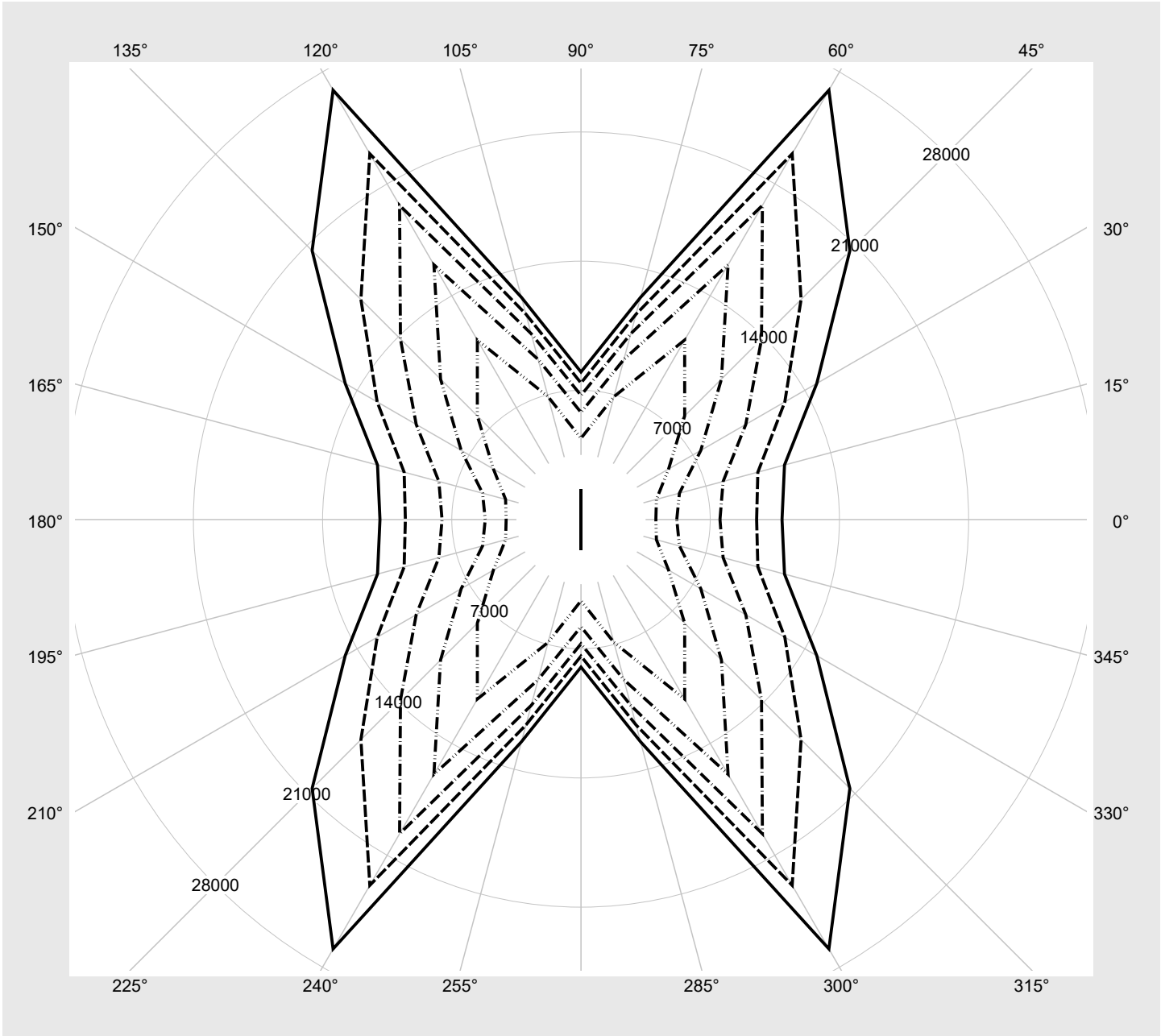
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**Luminance values in cd/m<sup>2</sup>**

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

**siteco**



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<b>Multilumen Table</b>	environmental temperature: 25°C	<b>siteco</b>
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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	8920	49.3	52.0	50.6
2	A	C	F	8410	46.2	48.4	47.3
3	A	D	E	7900	43.1	45.3	44.2
4	A	D	F	7370	40.0	42.2	41.1
5	B	C	E	6920	37.4	39.6	38.5
6	B	C	F	6390	34.3	36.5	35.4
7	B	D	E	5930	31.8	33.5	32.6
8	B	D	F	5460	29.2	30.9	30.0