



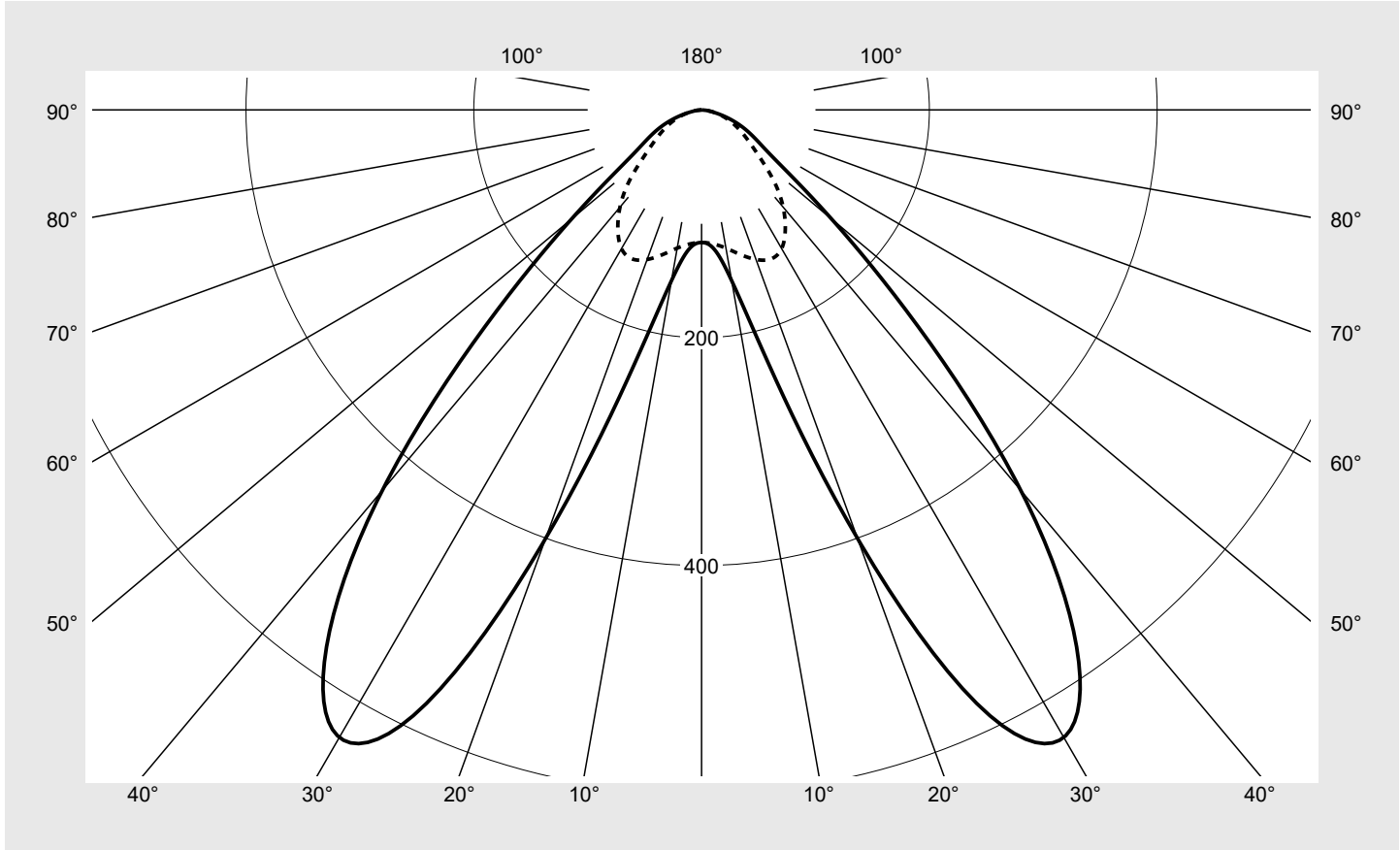
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL19CN485G EAN: 4058352929841	LP number 58532_444
	Version cover frosted, double asymmetric distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 8920 lm Power consumption = 49.3 W Luminous efficacy = 180.9 lm/W	serial documentation 14.11.2025





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	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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Table of values for luminous intensities	Maximum luminous intensity
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C-planes γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Total	
								Phi-zone	Phi-zone
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	siteco
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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	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	γ	Luminance in cd/m ²						
		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

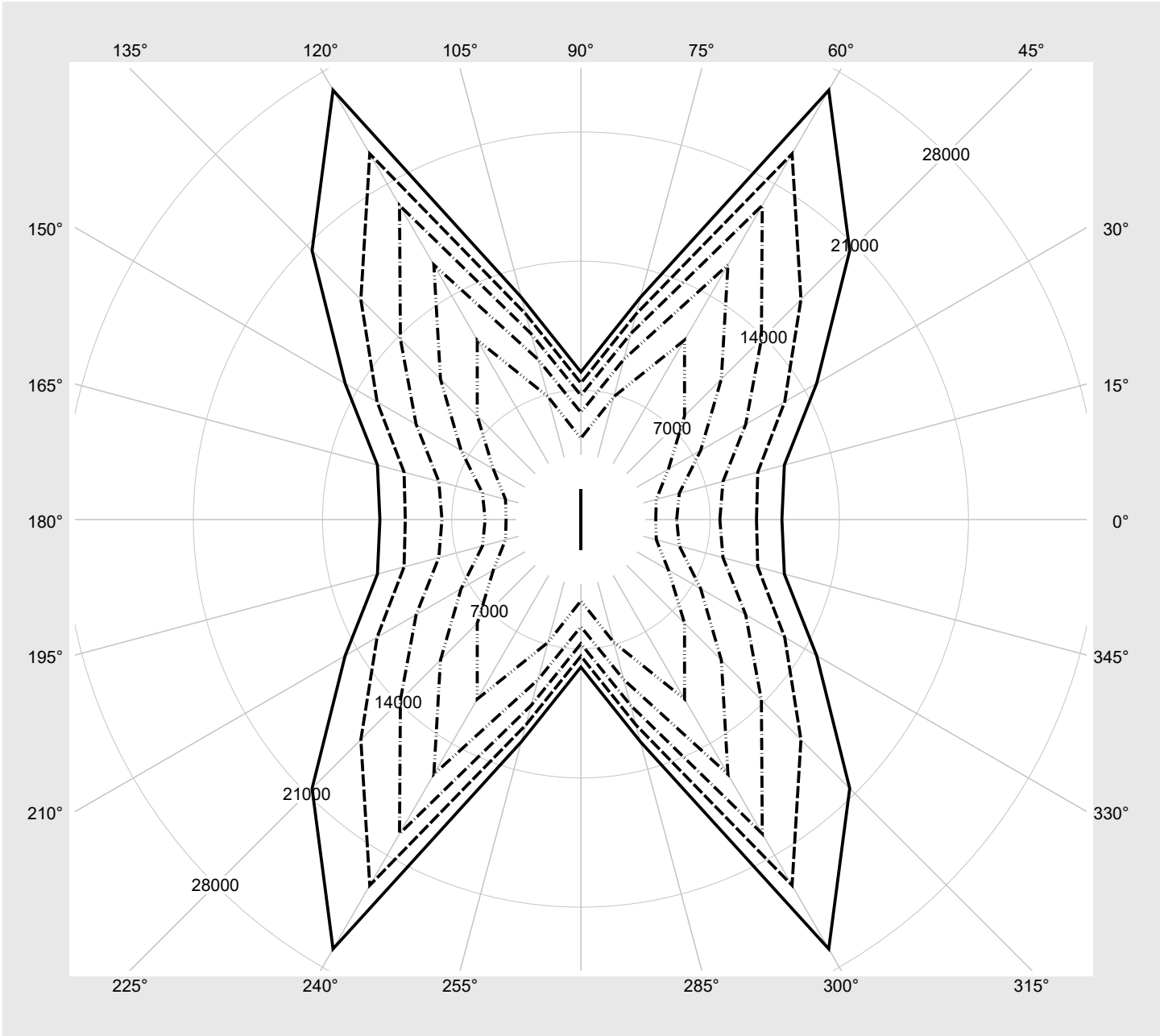
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

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Multilumen Table	environmental temperature: 25°C	sITeco
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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