

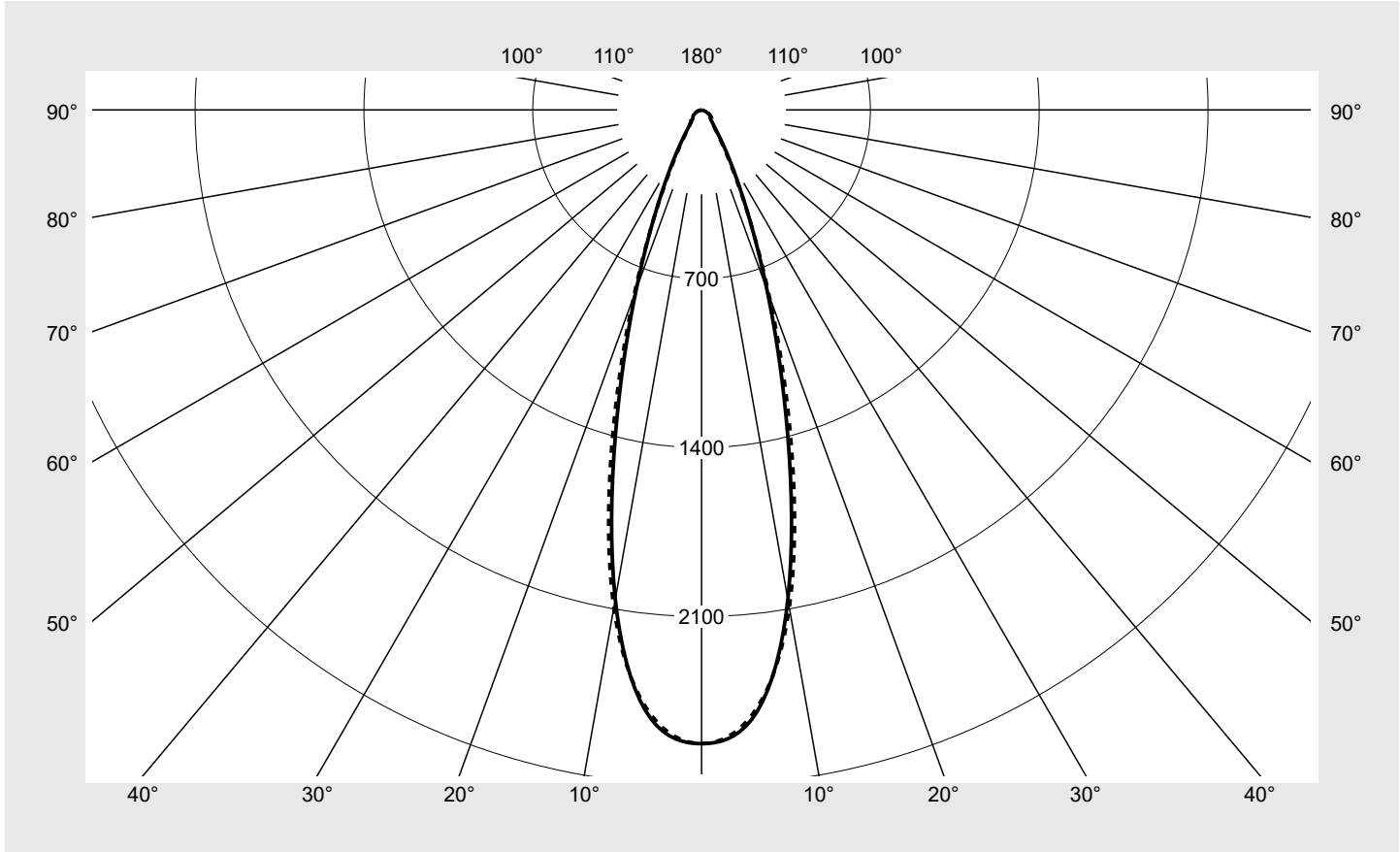


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL11CN49XG EAN: 4058352929445	LP number 58785_371
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 9160 lm Power consumption = 49.3 W Luminous efficacy = 185.8 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 2627 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=89 N2=96 N3=99 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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL11CN49XG EAN: 4058352929445	LP number 58785_371
Table of values for luminous intensities		Maximum luminous intensity
		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°	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	2627.4	15.7	15.7
5°	2520.2	2503.8	2487.8	2499.1	2508.6	2505.8	2505.2	119.6	135.3
10°	2060.7	2047.7	2044.6	2066.8	2086.2	2092.0	2094.5	196.9	332.2
15°	1373.4	1369.0	1375.7	1399.2	1421.9	1432.7	1437.2	198.7	530.9
20°	791.8	790.8	796.4	808.8	818.0	819.0	819.4	151.2	682.1
25°	418.1	420.5	425.4	427.2	423.4	413.4	409.3	97.4	779.6
30°	215.7	218.7	224.8	222.9	213.7	202.3	197.8	58.9	838.4
35°	112.4	114.3	119.3	116.0	107.4	103.1	102.4	35.0	873.4
40°	70.3	69.7	69.6	67.8	65.2	68.3	71.3	24.2	897.6
45°	52.4	50.5	46.9	47.4	48.4	54.1	61.4	19.6	917.2
50°	46.4	44.6	38.1	38.0	38.3	44.7	54.3	17.8	935.0
55°	42.3	42.2	36.7	33.4	32.3	38.6	47.1	17.1	952.1
60°	32.7	32.9	34.3	30.2	28.0	32.6	38.2	15.3	967.4
65°	23.6	23.8	26.4	25.7	24.0	26.1	29.3	12.6	980.0
70°	15.1	15.6	18.2	19.4	18.6	19.5	20.9	9.4	989.4
75°	8.3	8.7	10.8	13.0	12.9	13.2	13.7	6.1	995.5
80°	4.0	4.1	5.0	6.6	7.3	7.2	7.2	3.2	998.7
85°	1.6	1.6	1.9	2.5	2.6	2.7	2.5	1.2	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 Licross® 11 Recessed	Order number: 51TL11CN49XG EAN: 4058352929445	LP number 58785_371
---------------------------------------	--	-------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	15.1	16.2	15.4	16.5	16.8	15.0	16.1	15.3	16.4	16.7
	3H	16.0	16.9	16.3	17.3	17.6	16.4	17.4	16.7	17.7	18.0
	4H	16.2	17.1	16.6	17.5	17.8	16.9	17.8	17.3	18.2	18.5
	6H	16.3	17.1	16.7	17.5	17.9	17.3	18.0	17.7	18.4	18.8
	8H	16.4	17.1	16.8	17.4	17.9	17.4	18.1	17.9	18.5	18.9
	12H	16.4	17.0	16.8	17.4	17.8	17.5	18.0	17.9	18.4	18.9
4H	2H	15.6	16.5	16.0	16.8	17.2	15.5	16.4	15.9	16.7	17.1
	3H	16.7	17.4	17.1	17.8	18.2	17.0	17.8	17.5	18.2	18.6
	4H	17.0	17.6	17.4	18.0	18.5	17.6	18.3	18.1	18.7	19.2
	6H	17.1	17.7	17.6	18.1	18.6	18.1	18.6	18.5	19.1	19.5
	8H	17.1	17.6	17.6	18.1	18.6	18.2	18.7	18.7	19.1	19.6
	12H	17.2	17.6	17.7	18.0	18.5	18.3	18.6	18.8	19.1	19.6
8H	4H	17.2	17.7	17.7	18.2	18.6	17.8	18.3	18.3	18.8	19.3
	6H	17.4	17.8	17.9	18.3	18.8	18.3	18.7	18.8	19.2	19.7
	8H	17.4	17.8	17.9	18.3	18.8	18.5	18.8	19.0	19.3	19.9
	12H	17.5	17.7	18.0	18.2	18.8	18.6	18.9	19.1	19.4	19.9
12H	4H	17.3	17.6	17.8	18.1	18.6	17.8	18.2	18.3	18.7	19.2
	6H	17.5	17.8	18.0	18.2	18.8	18.4	18.7	18.9	19.2	19.7
	8H	17.5	17.8	18.0	18.3	18.8	18.5	18.8	19.1	19.3	19.8

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°		7808.0	7514.9	6981.4	7052.0	7201.3	8062.1	9141.6	
50°		7605.1	7307.8	6233.8	6230.2	6270.2	7327.3	8888.8	
55°		7771.0	7749.1	6736.2	6125.3	5936.1	7087.2	8637.7	
60°		6882.4	6924.5	7221.4	6362.5	5891.0	6854.4	8042.7	
65°		5868.5	5934.1	6576.8	6411.9	5982.4	6500.8	7288.1	
70°		4651.1	4793.7	5617.8	5959.8	5738.1	6004.1	6435.7	
75°		3388.6	3546.5	4391.0	5289.6	5255.8	5360.4	5567.0	
80°		2396.2	2481.7	3048.0	3993.9	4418.9	4344.9	4381.9	
85°		1954.6	1982.4	2313.4	2999.6	3169.9	3243.6	2973.0	

Photometric test report

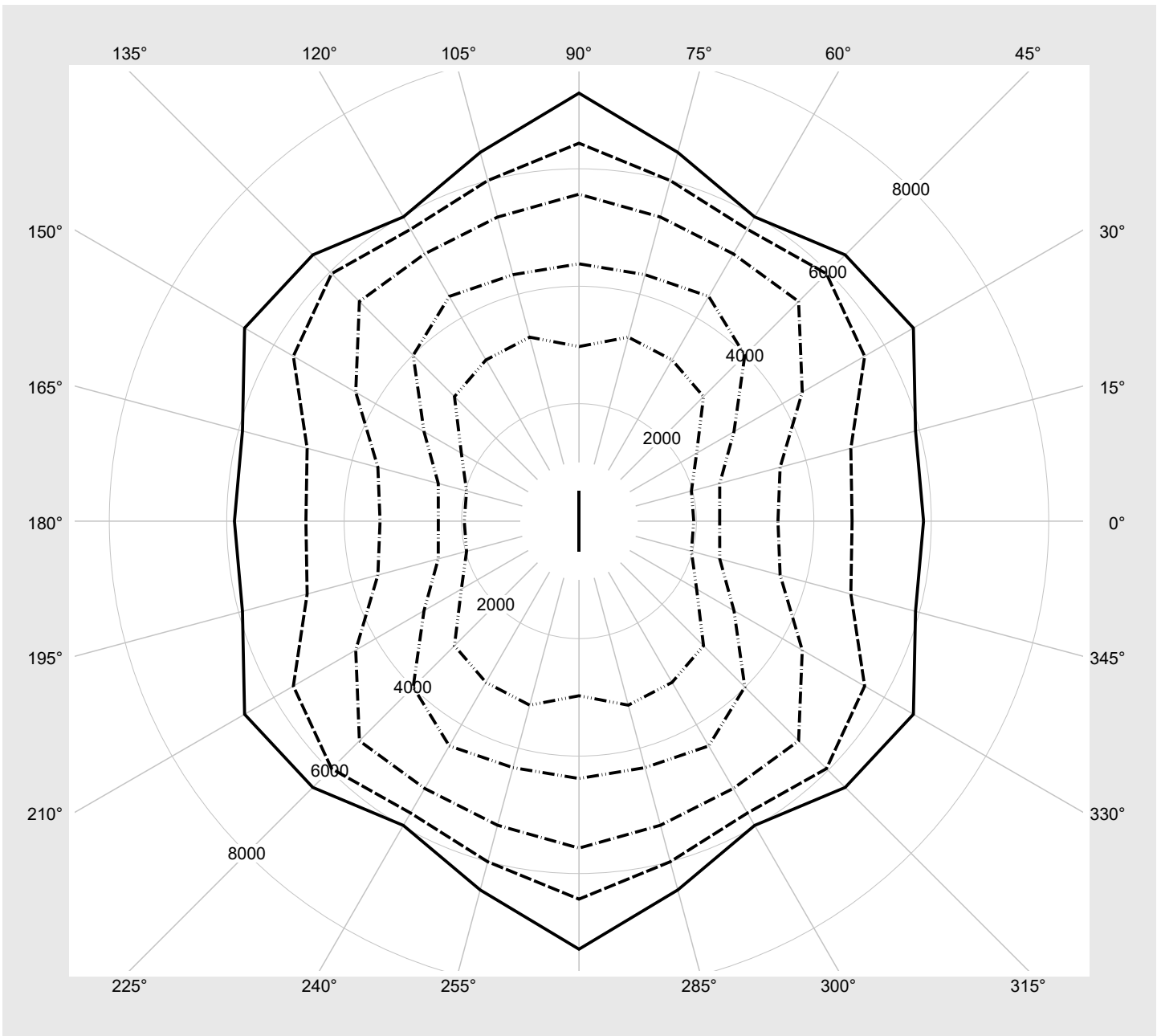
Family
Licross® 11 Recessed

Order number: 51TL11CN49XG
EAN: 4058352929445

LP number
58785_371

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® 11 Recessed	Order number: 51TL11CN49XG EAN: 4058352929445	LP number 58785_371
---------------------------------------	--	--------------------------------------

Multilumen Table	environmental temperature: 25°C	sITeco
-------------------------	---------------------------------	---------------

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	9160	49.3	52.0	50.6
2	A	C	F	8630	46.2	48.4	47.3
3	A	D	E	8110	43.1	45.3	44.2
4	A	D	F	7570	40.0	42.2	41.1
5	B	C	E	7110	37.4	39.6	38.5
6	B	C	F	6560	34.3	36.5	35.4
7	B	D	E	6090	31.8	33.5	32.6
8	B	D	F	5610	29.2	30.9	30.0