

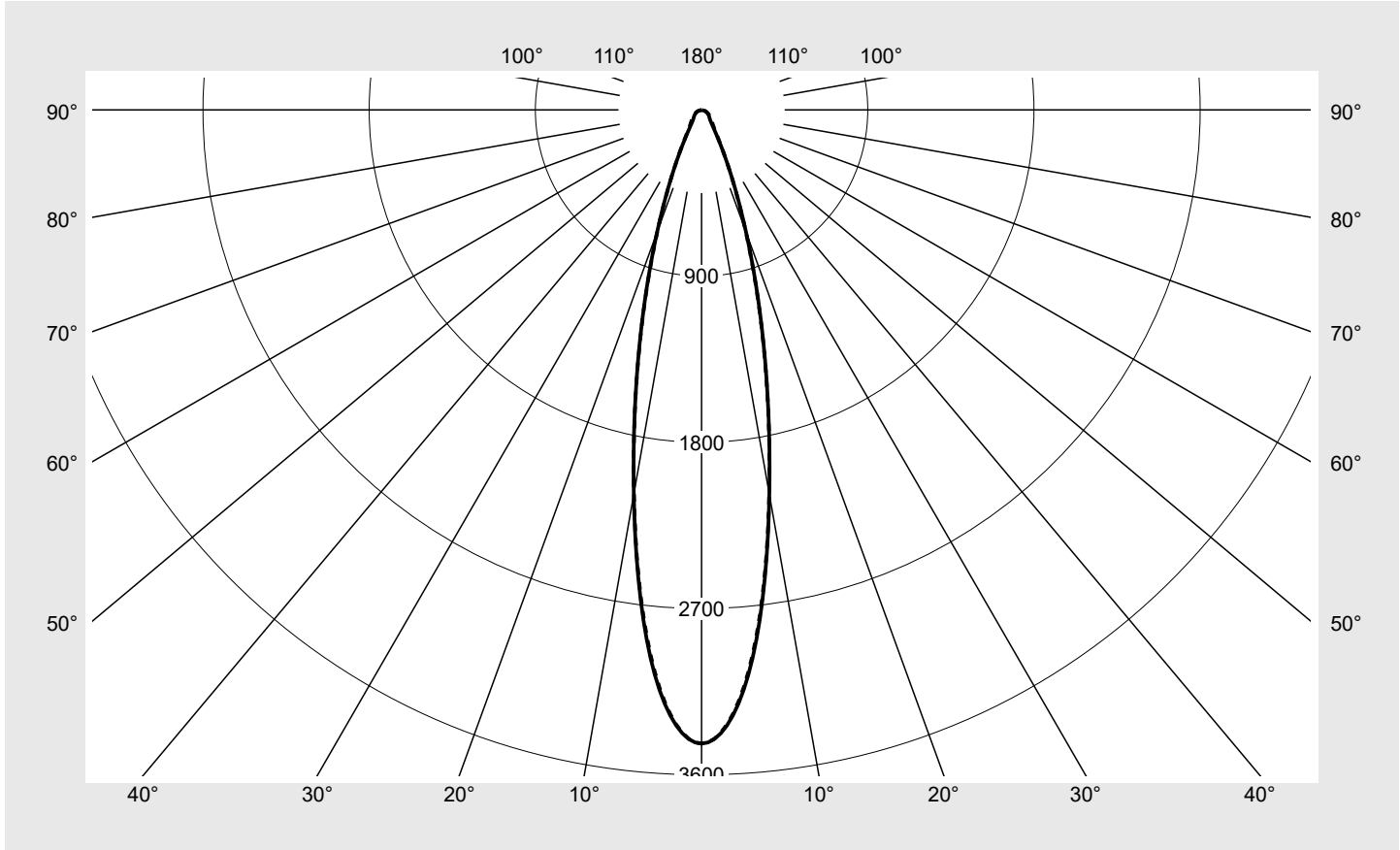


Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11CN4C5S EAN: 4058352929087	LP number 58784_349
	Version cover frosted, narrow distribution Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 12710 lm Power consumption = 66.5 W Luminous efficacy = 191.1 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 3431 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=87 N2=95 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: 51TE11CN4C5S EAN: 4058352929087	LP number 58784_349
--	--	--------------------------------------

sitEco

Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
0°	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	3431.3	20.5	20.5
5°	3030.0	3009.9	2995.2	3008.4	3015.8	3015.7	3017.5	143.9	164.4
10°	2113.5	2098.5	2092.1	2104.8	2111.9	2109.7	2109.2	200.3	364.7
15°	1287.2	1281.7	1283.9	1294.7	1294.7	1286.2	1283.2	182.7	547.4
20°	703.4	705.4	717.6	726.5	719.3	702.5	697.3	133.5	680.9
25°	354.0	358.8	370.9	376.0	367.5	355.6	354.0	84.3	765.2
30°	176.2	179.2	185.6	185.7	179.6	178.8	183.6	49.7	814.9
35°	102.4	102.6	103.9	102.5	99.6	107.7	116.7	32.8	847.7
40°	73.1	72.4	71.7	70.6	70.7	80.9	90.2	26.3	874.0
45°	60.7	58.7	57.0	56.9	57.9	66.7	75.5	23.6	897.6
50°	52.7	51.5	51.2	50.6	50.0	56.0	63.2	22.2	919.8
55°	44.8	43.4	45.4	45.0	43.0	46.3	51.7	20.3	940.1
60°	37.3	36.1	38.2	39.8	37.2	38.0	41.8	18.1	958.2
65°	29.8	28.9	31.0	34.0	31.7	30.7	33.0	15.5	973.8
70°	21.9	21.7	22.9	26.9	25.3	23.3	24.3	12.3	986.1
75°	12.2	12.7	14.5	18.5	17.7	15.7	16.0	8.2	994.3
80°	5.5	5.6	6.4	9.0	10.0	8.8	8.6	4.2	998.5
85°	2.2	2.1	2.4	3.2	3.5	3.4	3.0	1.6	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: 51TE11CN4C5S EAN: 4058352929087	LP number 58784_349
---------------------------------------	--	-------------------------------

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	16.8	18.0	17.2	18.3	18.6	17.2	18.3	17.6	18.7	19.0
	3H	18.2	19.2	18.6	19.5	19.9	18.6	19.6	19.0	20.0	20.3
	4H	18.6	19.5	19.0	19.8	20.2	19.1	20.1	19.5	20.4	20.8
	6H	18.7	19.5	19.1	19.9	20.3	19.5	20.3	19.9	20.7	21.1
	8H	18.8	19.5	19.3	19.9	20.3	19.6	20.3	20.1	20.7	21.1
	12H	18.8	19.5	19.2	19.9	20.3	19.7	20.3	20.1	20.7	21.1
4H	2H	17.6	18.5	18.0	18.8	19.2	17.9	18.8	18.3	19.1	19.5
	3H	19.1	19.8	19.5	20.2	20.6	19.5	20.2	19.9	20.6	21.0
	4H	19.5	20.2	19.9	20.6	21.0	20.1	20.8	20.5	21.2	21.6
	6H	19.7	20.3	20.2	20.7	21.2	20.5	21.1	21.0	21.5	22.0
	8H	19.7	20.2	20.2	20.7	21.2	20.6	21.1	21.1	21.6	22.1
	12H	19.7	20.2	20.2	20.7	21.2	20.7	21.1	21.2	21.6	22.1
8H	4H	19.8	20.3	20.3	20.8	21.3	20.4	20.9	20.8	21.3	21.8
	6H	20.1	20.5	20.6	21.0	21.5	20.9	21.3	21.4	21.8	22.3
	8H	20.1	20.5	20.6	21.0	21.5	21.0	21.4	21.5	21.9	22.4
	12H	20.1	20.4	20.7	21.0	21.5	21.1	21.4	21.6	21.9	22.5
12H	4H	19.8	20.3	20.3	20.7	21.2	20.3	20.8	20.8	21.2	21.7
	6H	20.1	20.5	20.6	21.0	21.5	20.9	21.2	21.4	21.7	22.3
	8H	20.2	20.5	20.7	21.0	21.5	21.1	21.4	21.6	21.9	22.4

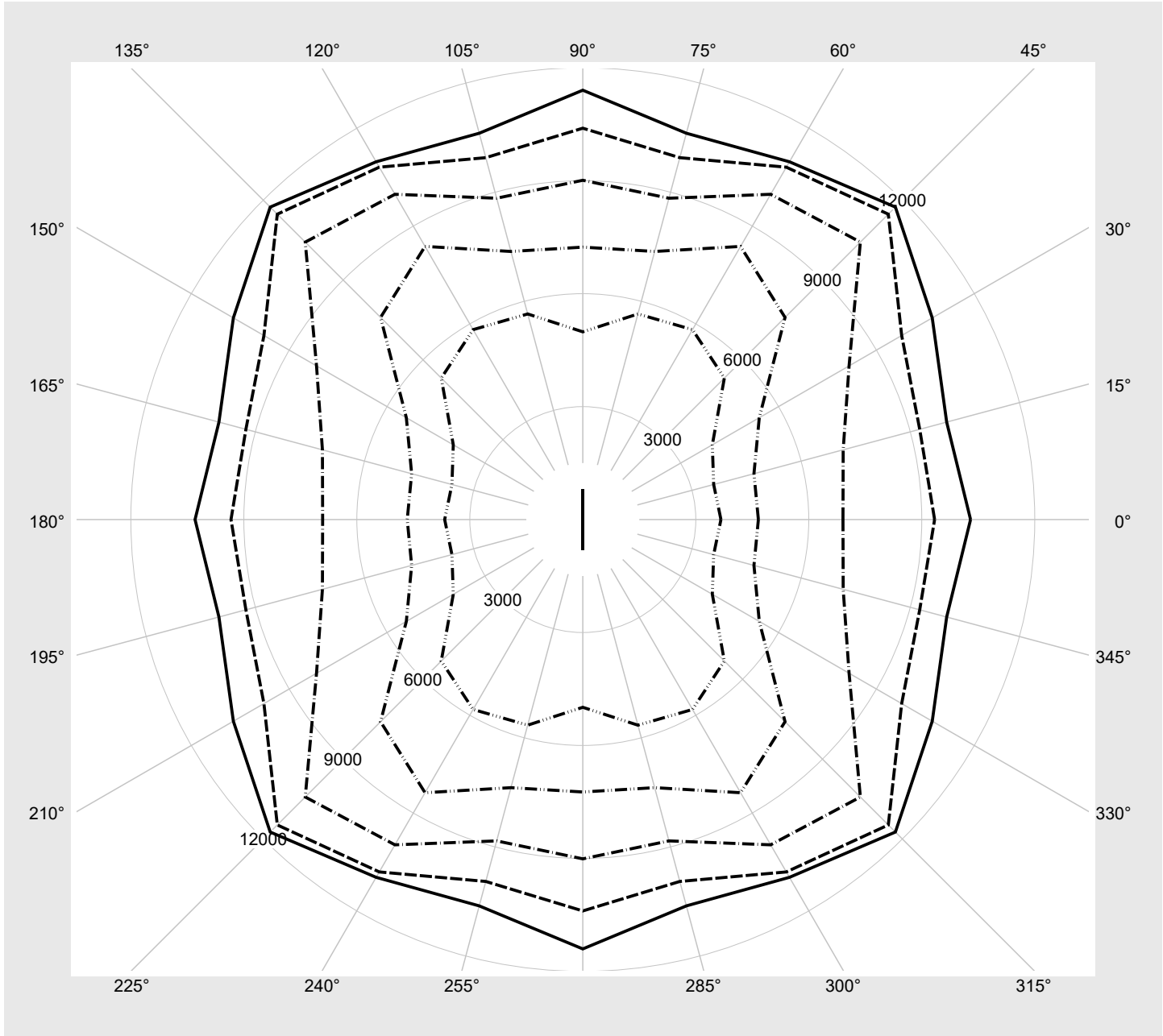
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500	B = 58
------------------------	---	--------------------------------------	-----------------	---------------

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°		12544.0	12132.5	11783.5	11752.1	11961.4	13775.4	15606.8
50°		11988.0	11711.0	11647.1	11506.4	11356.7	12730.6	14367.2
55°		11421.9	11064.6	11570.7	11466.8	10957.9	11803.0	13162.8
60°		10897.6	10541.7	11151.5	11623.7	10879.2	11103.3	12224.7
65°		10295.5	10002.0	10713.4	11737.7	10973.4	10623.5	11404.4
70°		9340.8	9260.9	9776.5	11471.4	10807.6	9951.6	10395.4
75°		6907.8	7157.3	8163.7	10422.1	9976.2	8836.6	9012.1
80°		4661.7	4704.6	5410.5	7593.7	8377.8	7372.4	7236.1
85°		3667.6	3597.2	3971.0	5315.3	5824.9	5653.9	4986.7

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11CN4C5S EAN: 4058352929087	LP number 58784_349
--	--	--------------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE11CN4C5S EAN: 4058352929087	LP number 58784_349
---------------------------------------	--	--------------------------------------

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

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]	Power consumption	Power consumption
	1	2	3			[W] end of lifetime	[W] average
1	A	C	E	12710	66.5	70.0	68.2
2	A	C	F	12100	63.0	66.5	64.8
3	A	D	E	11100	57.3	60.4	58.8
4	A	D	F	10090	51.7	54.3	53.0
5	B	C	E	9060	46.2	48.7	47.4
6	B	C	F	8110	41.1	43.2	42.2
7	B	D	E	7060	35.6	37.3	36.4
8	B	D	F	6090	30.6	32.3	31.4