

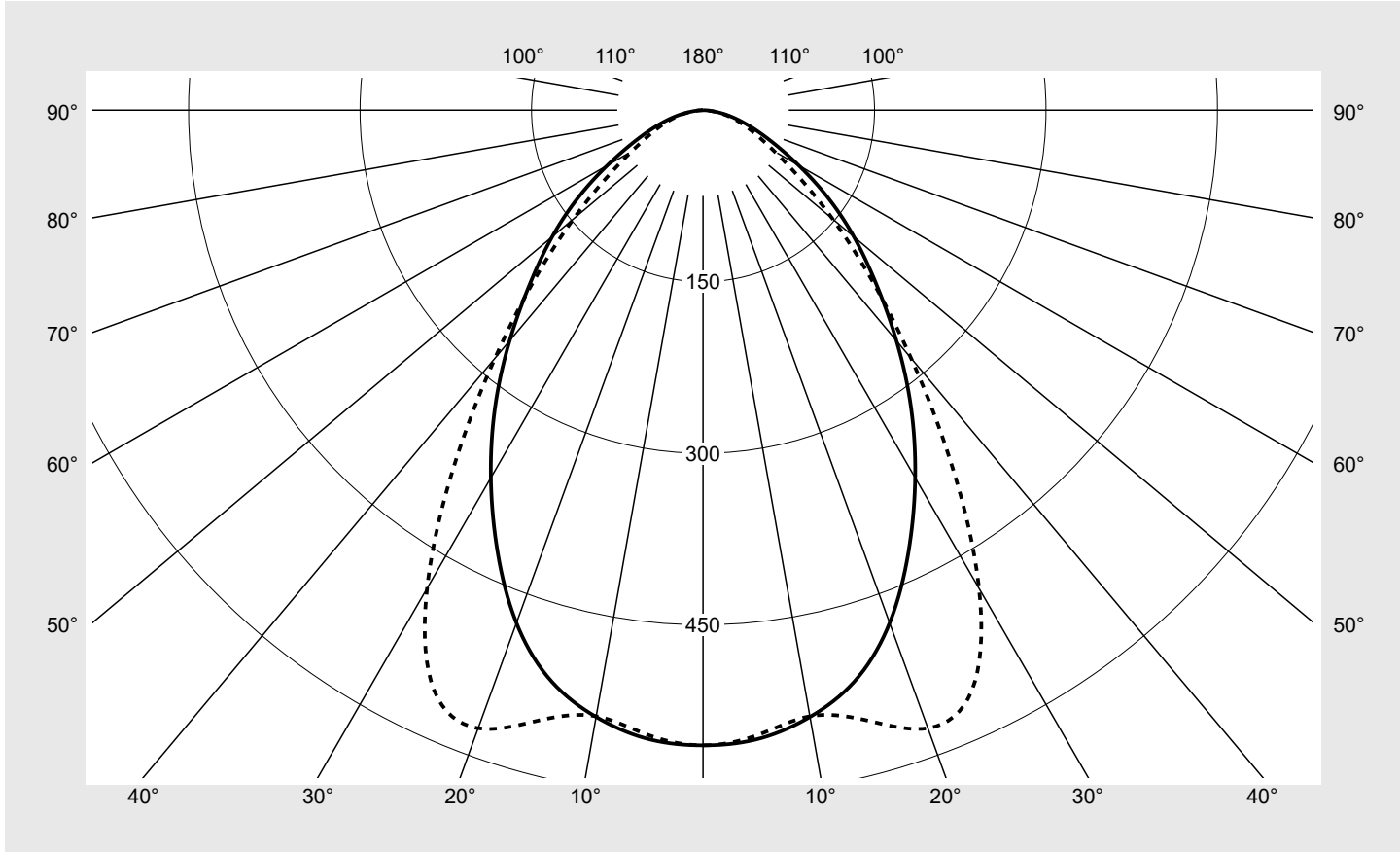


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN46XM EAN: 4058352918395	LP number 58689_202
	Version cover frosted, wide distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-Multilumen CLOi Rated values Net luminous flux = 6020 lm Power consumption = 30.1 W Luminous efficacy = 200 lm/W	serial documentation 14.11.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 575 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=66 N2=91 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

Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN46XM EAN: 4058352918395	LP number 58689_202
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°	555.4	555.4	555.4	555.4	555.4	555.4	555.4	3.3	3.3
5°	551.9	549.3	545.0	546.0	548.1	548.0	548.5	26.2	29.5
10°	538.7	535.0	528.7	529.1	532.7	535.9	538.2	50.8	80.3
15°	515.9	510.9	504.6	513.1	530.5	544.7	552.3	74.2	154.5
20°	477.2	471.4	470.1	497.6	537.0	563.7	575.1	95.8	250.2
25°	425.5	419.5	426.9	469.4	521.2	548.6	558.0	111.1	361.3
30°	371.2	364.3	378.4	421.3	459.9	477.2	482.9	115.5	476.8
35°	317.2	309.8	328.6	357.7	367.8	374.7	379.7	109.4	586.2
40°	263.2	255.5	280.4	291.4	277.2	277.7	283.1	97.2	683.4
45°	213.7	204.0	230.1	230.5	202.8	200.2	207.0	82.5	765.9
50°	172.3	160.2	177.2	176.6	149.6	143.3	148.0	67.7	833.6
55°	133.3	121.6	126.4	129.1	111.8	101.0	103.0	53.0	886.6
60°	96.7	87.9	85.2	90.2	83.1	71.0	72.1	39.7	926.3
65°	67.7	61.0	56.3	61.1	60.5	50.8	52.1	29.0	955.3
70°	46.9	41.7	36.5	40.2	42.1	36.4	38.1	20.6	975.8
75°	30.9	26.7	22.6	25.0	27.1	24.7	26.6	13.7	989.5
80°	17.8	14.8	12.0	13.1	14.7	14.1	15.6	7.7	997.1
85°	6.6	5.4	4.4	4.8	5.3	5.4	5.9	2.9	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: 51TL12CN46XM EAN: 4058352918395	LP number 58689_202
---------------------------------------	--	-------------------------------

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	21.1	22.6	21.5	22.9	23.2	20.6	22.1	20.9	22.4	22.7
	3H	21.8	23.2	22.2	23.5	23.9	21.2	22.5	21.6	22.8	23.2
	4H	22.1	23.4	22.5	23.7	24.1	21.4	22.7	21.8	23.0	23.4
	6H	22.4	23.5	22.8	23.9	24.3	21.6	22.8	22.1	23.1	23.5
	8H	22.5	23.5	22.9	23.9	24.3	21.8	22.8	22.2	23.2	23.6
	12H	22.5	23.5	23.0	23.9	24.3	21.8	22.8	22.2	23.2	23.6
4H	2H	21.4	22.7	21.8	23.0	23.4	21.0	22.3	21.4	22.6	23.0
	3H	22.3	23.3	22.7	23.7	24.1	21.8	22.8	22.2	23.2	23.6
	4H	22.6	23.5	23.1	23.9	24.4	22.1	23.1	22.6	23.5	23.9
	6H	22.9	23.7	23.4	24.1	24.6	22.4	23.2	22.9	23.6	24.1
	8H	23.0	23.7	23.5	24.2	24.6	22.5	23.2	23.0	23.7	24.2
	12H	23.1	23.7	23.6	24.2	24.7	22.6	23.2	23.1	23.7	24.2
8H	4H	22.7	23.4	23.2	23.9	24.4	22.3	23.0	22.7	23.4	23.9
	6H	23.0	23.6	23.5	24.1	24.6	22.6	23.2	23.1	23.7	24.2
	8H	23.2	23.7	23.7	24.2	24.7	22.7	23.3	23.2	23.8	24.3
	12H	23.3	23.7	23.8	24.2	24.7	22.8	23.3	23.4	23.8	24.3
12H	4H	22.7	23.3	23.2	23.8	24.3	22.3	22.9	22.8	23.4	23.9
	6H	23.1	23.6	23.6	24.0	24.6	22.6	23.1	23.1	23.6	24.1
	8H	23.2	23.6	23.7	24.1	24.7	22.8	23.2	23.3	23.7	24.3

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°		20912.5	19961.7	22513.0	22552.4	19846.9	19588.5	20259.5	
50°		18544.7	17249.9	19077.5	19014.4	16105.1	15426.2	15931.5	
55°		16084.4	14664.5	15243.9	15571.3	13484.2	12188.1	12426.0	
60°		13378.7	12161.4	11794.9	12479.9	11504.7	9827.0	9972.6	
65°		11081.8	9992.1	9222.4	9998.0	9909.8	8324.2	8524.1	
70°		9485.5	8445.4	7386.7	8137.5	8519.4	7368.9	7709.4	
75°		8270.2	7130.0	6034.1	6671.2	7238.8	6594.7	7105.4	
80°		7081.0	5882.8	4772.2	5239.6	5840.1	5634.1	6218.7	
85°		5234.4	4288.0	3487.7	3787.8	4189.6	4261.8	4663.5	

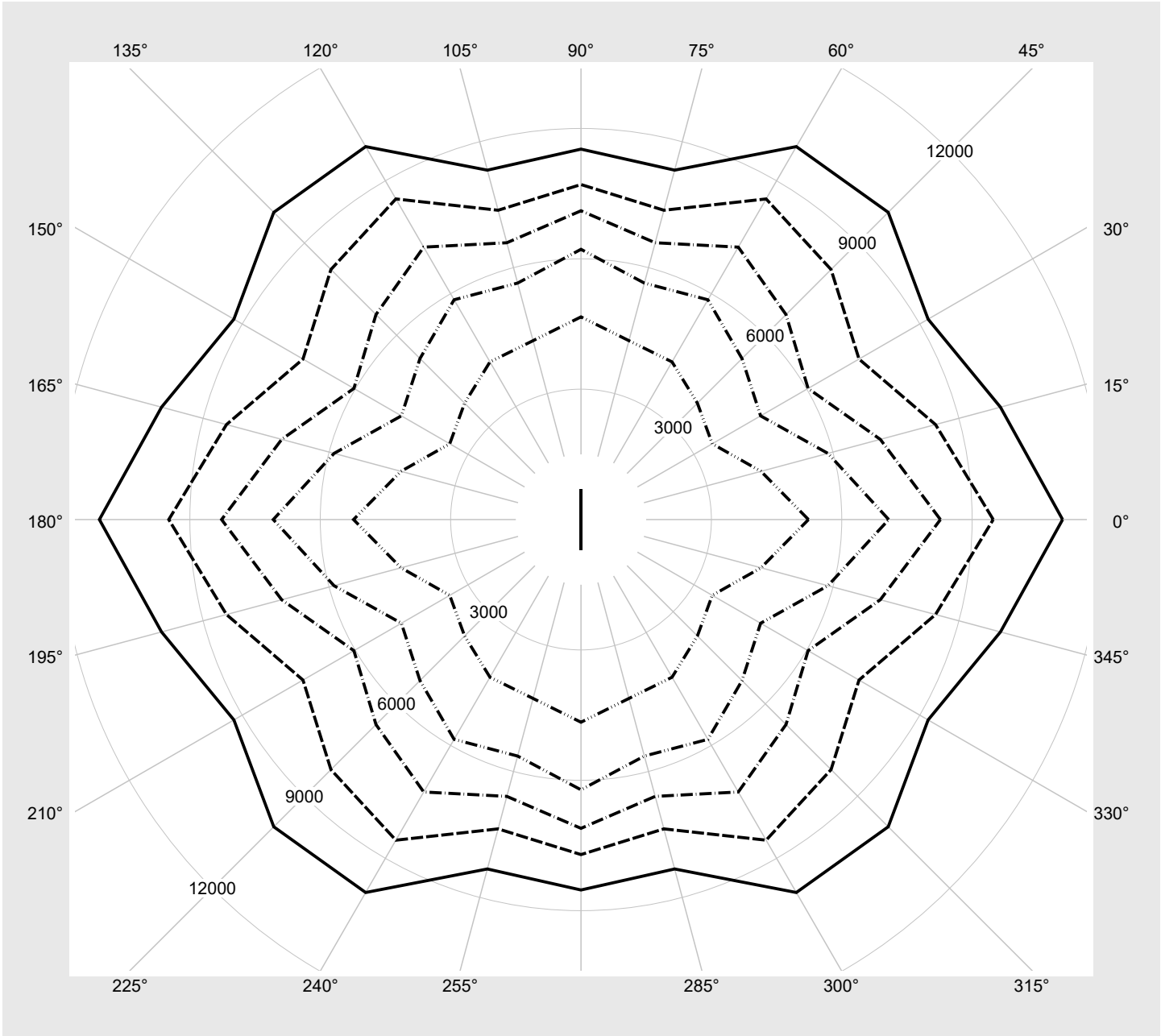
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12CN46XM EAN: 4058352918395	LP number 58689_202
--	--	--------------------------------------

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: 51TL12CN46XM EAN: 4058352918395	LP number 58689_202
---------------------------------------	--	--------------------------------------

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	6020	30.1	31.8	31.0
2	A	C	F	5770	28.9	30.5	29.7
3	A	D	E	5610	28.0	29.3	28.6
4	A	D	F	5360	26.8	28.0	27.4
5	B	C	E	5110	25.6	26.8	26.2
6	B	C	F	4850	24.3	25.6	25.0
7	B	D	E	4690	23.5	24.7	24.1
8	B	D	F	4440	22.3	23.5	22.9