

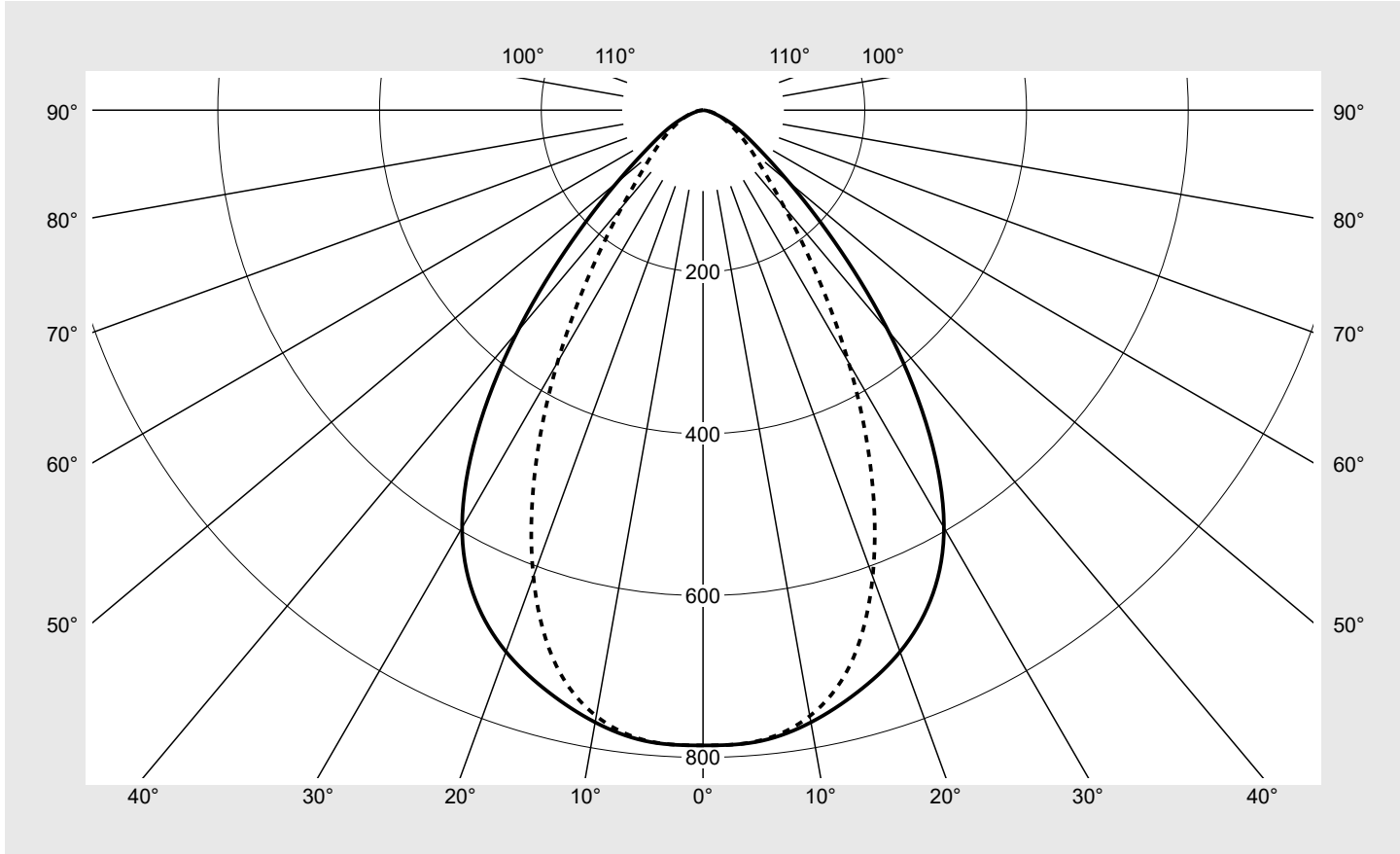


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18DN4D5M EAN: 4058352926970	LP number 58690_134
	Version cover frosted, medium distribution, high visual comfort Lamps LED 4000 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 13890 lm Power consumption = 76.8 W Luminous efficacy = 180.9 lm/W	serial documentation 31.10.2024
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 785 cd/klm**



Classifications	
DIN 5040	A 6 0
CIE	N1=78 N2=94 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: 51TL18DN4D5M EAN: 4058352926970	LP number 58690_134
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°	785.2	785.2	785.2	785.2	785.2	785.2	785.2	4.7	4.7
5°	783.4	781.4	776.6	779.8	781.8	782.1	782.7	37.3	42.0
10°	768.3	766.7	761.5	762.8	763.5	761.1	760.4	72.7	114.7
15°	743.6	742.7	733.7	728.3	720.6	709.9	707.4	103.1	217.8
20°	712.4	708.4	691.4	669.5	643.5	621.3	613.4	124.9	342.7
25°	666.9	659.0	622.8	576.9	532.3	501.9	491.6	134.0	476.7
30°	595.9	578.6	522.8	456.8	403.1	370.2	359.8	128.3	605.0
35°	487.4	465.5	401.4	331.1	278.9	249.4	240.2	109.5	714.5
40°	356.6	334.8	278.6	220.0	182.5	161.7	155.6	84.2	798.7
45°	229.8	212.6	172.5	137.3	118.7	108.8	106.4	59.3	858.0
50°	138.7	127.9	104.9	89.6	83.6	79.2	78.2	41.5	899.6
55°	86.1	79.8	69.3	65.4	63.7	60.2	58.5	30.7	930.3
60°	57.8	53.9	50.5	51.8	50.6	46.1	43.1	24.0	954.3
65°	38.0	36.1	37.7	39.9	40.1	34.9	31.4	18.5	972.8
70°	21.9	21.5	24.3	28.4	29.8	25.8	22.4	13.0	985.8
75°	11.6	11.4	12.7	17.5	19.8	17.4	14.7	8.1	993.9
80°	5.8	5.7	6.1	8.6	10.9	9.9	8.2	4.3	998.3
85°	2.4	2.3	2.4	3.2	4.0	3.9	3.0	1.7	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: 51TL18DN4D5M EAN: 4058352926970	LP number 58690_134
---------------------------------------	--	-------------------------------

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	22.9	24.2	23.2	24.5	24.8	20.2	21.6	20.6	21.9	22.2
	3H	23.1	24.3	23.5	24.6	25.0	20.9	22.1	21.3	22.4	22.8
	4H	23.2	24.3	23.6	24.6	25.0	21.2	22.3	21.6	22.6	23.0
	6H	23.2	24.2	23.6	24.5	24.9	21.3	22.4	21.7	22.7	23.1
	8H	23.3	24.1	23.7	24.5	24.9	21.4	22.4	21.9	22.7	23.1
	12H	23.2	24.0	23.7	24.4	24.8	21.4	22.3	21.9	22.7	23.1
4H	2H	22.9	24.1	23.3	24.4	24.8	20.7	21.8	21.1	22.1	22.5
	3H	23.3	24.2	23.7	24.6	25.0	21.6	22.5	22.0	22.9	23.3
	4H	23.4	24.2	23.8	24.6	25.0	22.0	22.8	22.4	23.2	23.7
	6H	23.4	24.1	23.9	24.5	25.0	22.3	23.0	22.7	23.4	23.9
	8H	23.4	24.0	23.9	24.5	25.0	22.3	23.0	22.8	23.4	23.9
	12H	23.4	23.9	23.9	24.4	24.9	22.4	22.9	22.9	23.4	23.9
8H	4H	23.4	24.1	23.9	24.5	25.0	22.1	22.8	22.6	23.2	23.7
	6H	23.5	24.0	24.0	24.5	25.0	22.5	23.0	23.0	23.5	24.0
	8H	23.5	23.9	24.0	24.4	24.9	22.6	23.1	23.1	23.6	24.1
	12H	23.5	23.8	24.0	24.3	24.9	22.7	23.1	23.2	23.6	24.1
12H	4H	23.4	24.0	23.9	24.4	24.9	22.2	22.7	22.7	23.1	23.6
	6H	23.5	23.9	24.0	24.4	24.9	22.5	23.0	23.1	23.4	24.0
	8H	23.5	23.8	24.0	24.4	24.9	22.7	23.0	23.2	23.5	24.1

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°	45°	51888.7	48011.0	38948.9	30991.5	26802.4	24559.9	24033.8	
50°	50°	34444.5	31772.9	26047.0	22258.0	20757.6	19670.9	19412.8	
55°	55°	23970.7	22204.3	19280.2	18217.5	17733.4	16750.6	16286.6	
60°	60°	18458.7	17210.8	16133.8	16524.6	16160.0	14734.3	13759.4	
65°	65°	14344.5	13627.5	14226.7	15063.1	15130.3	13176.5	11867.5	
70°	70°	10239.3	10046.5	11325.0	13235.7	13912.5	12020.6	10441.4	
75°	75°	7179.0	7008.1	7860.0	10822.2	12190.4	10761.7	9089.4	
80°	80°	5350.1	5198.4	5626.8	7863.8	9983.0	9140.8	7502.4	
85°	85°	4458.7	4251.7	4458.7	5931.5	7332.8	7233.9	5556.0	

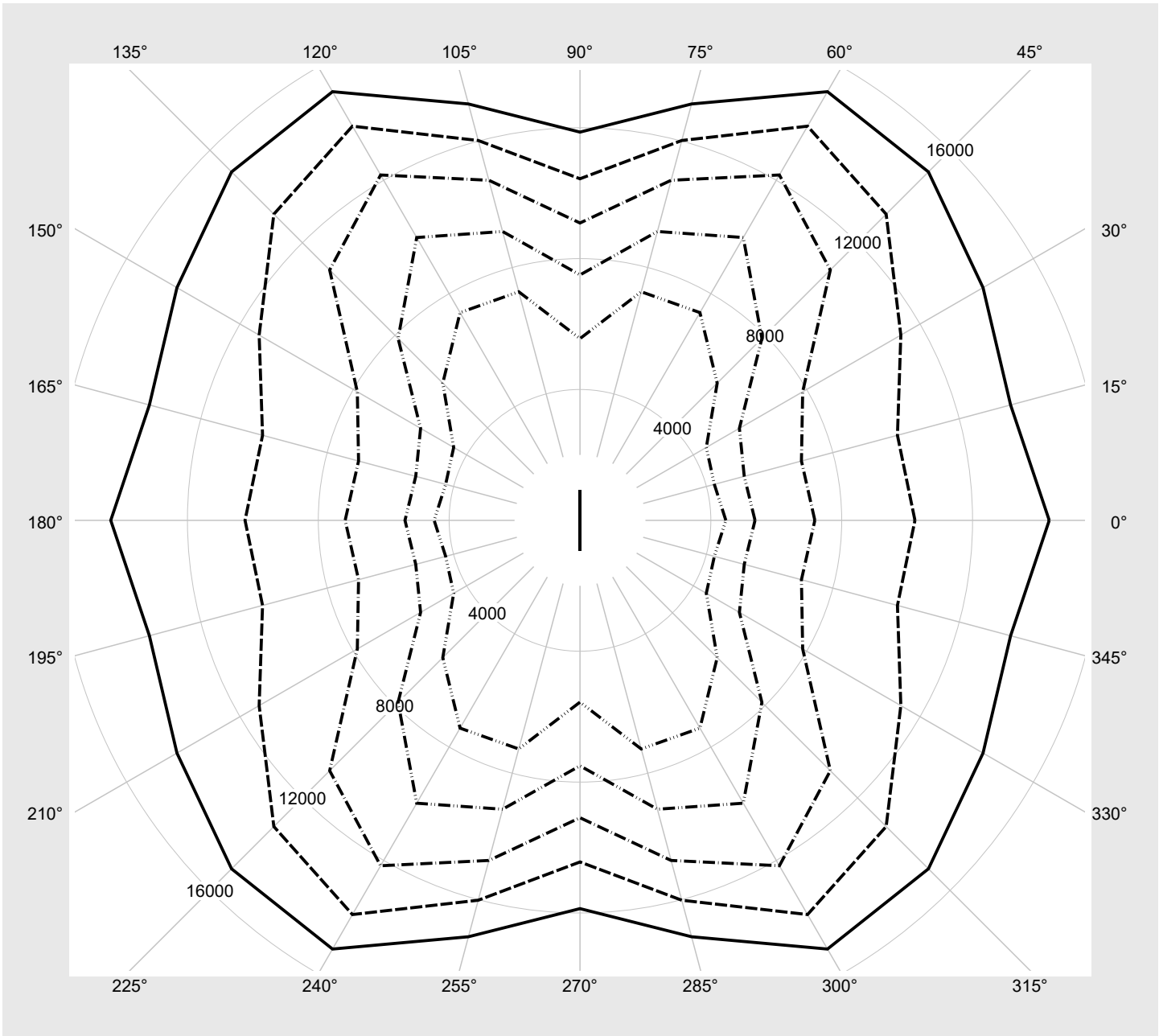
Photometric test report

Family Licross® 11 Recessed	Order number: 51TL18DN4D5M EAN: 4058352926970	LP number 58690_134
--	--	--------------------------------------

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: 51TL18DN4D5M EAN: 4058352926970	LP number 58690_134
---------------------------------------	--	--------------------------------------

Dimming levels table	environmental temperature: 25°C	sITeco
-----------------------------	---------------------------------	---------------

Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13890	76.8
95	240	252	13179	72.6
90	227	250	12514	68.6
85	213	248	11789	64.3
80	200	245	11112	60.3
75	187	243	10430	56.5
70	174	240	9744	52.6
65	161	237	9053	48.7
60	148	234	8353	44.8
55	135	231	7651	41.0
50	122	227	6940	37.3
45	109	223	6225	33.5
40	97	219	5558	30.0
35	85	214	4885	26.6
30	72	208	4152	22.9
25	60	201	3470	19.5
20	48	193	2781	16.1
15	36	182	2090	12.6
10	24	168	1393	9.2
5	12	142	689	5.9
2	4	102	217	3.6