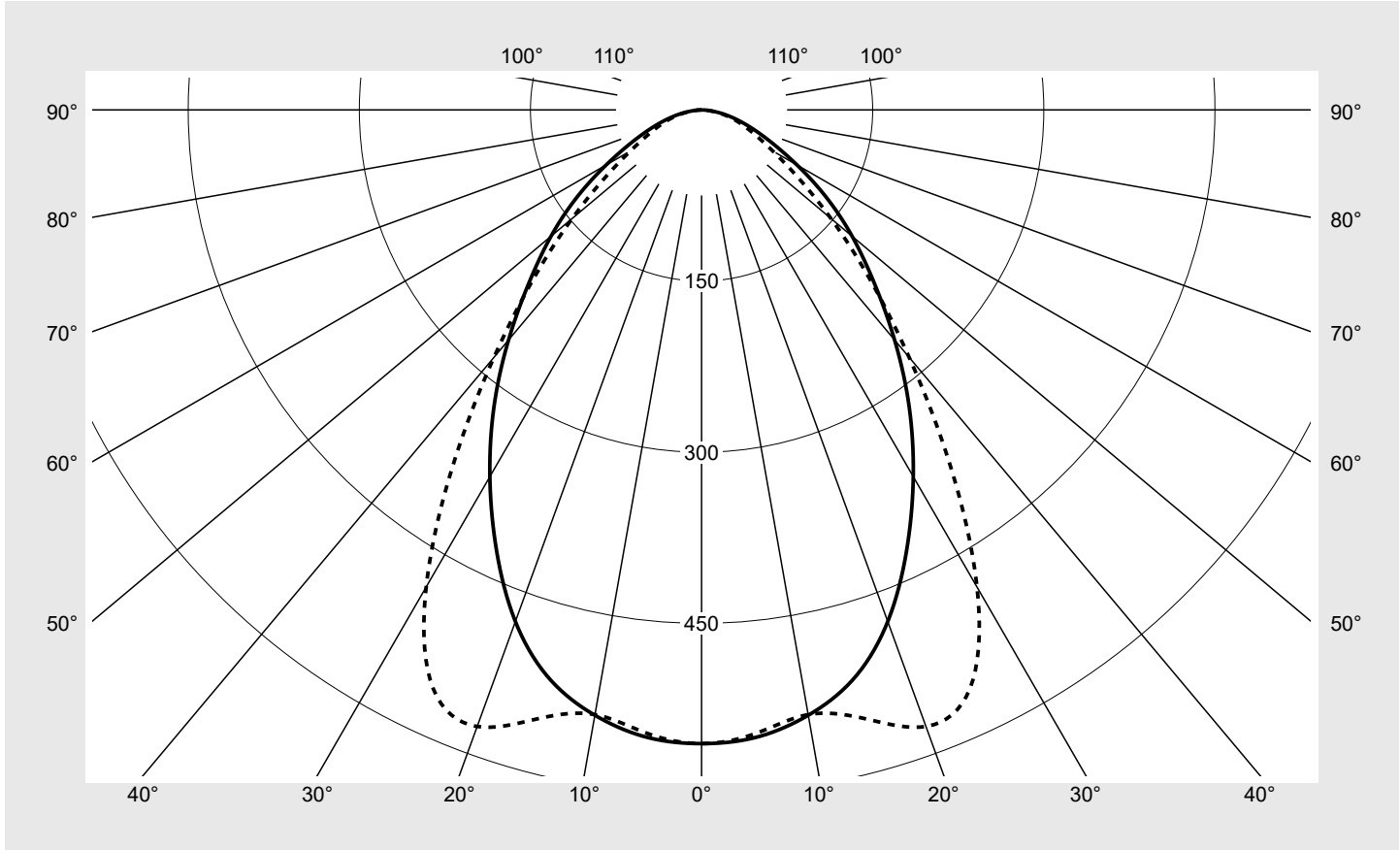


Photometric test report

Family Licross® 11 Recessed	Order number: 51TL12DN1D5M EAN: 4058352015452	LP number 58689_163
	Version cover frosted, wide distribution, high visual comfort Lamps LED 3500 K CRI ≥ 80 Controlgear ECG-DALI Rated values Net luminous flux = 13580 lm Power consumption = 76.8 W Luminous efficacy = 176.8 lm/W	serial documentation 22.01.2024
		

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

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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: 51TL12DN1D5M EAN: 4058352015452	LP number 58689_163
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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	23.9	25.4	24.3	25.7	26.1	23.4	24.9	23.8	25.2	25.5
	3H	24.7	26.0	25.1	26.3	26.7	24.0	25.3	24.4	25.7	26.0
	4H	25.0	26.2	25.4	26.6	26.9	24.3	25.5	24.7	25.8	26.2
	6H	25.2	26.3	25.6	26.7	27.1	24.5	25.6	24.9	26.0	26.4
	8H	25.3	26.3	25.7	26.7	27.1	24.6	25.6	25.0	26.0	26.4
	12H	25.3	26.3	25.8	26.7	27.1	24.6	25.6	25.1	26.0	26.4
4H	2H	24.3	25.5	24.7	25.9	26.2	23.8	25.1	24.2	25.4	25.8
	3H	25.1	26.1	25.5	26.5	26.9	24.6	25.6	25.0	26.0	26.4
	4H	25.4	26.4	25.9	26.8	27.2	25.0	25.9	25.4	26.3	26.7
	6H	25.7	26.5	26.2	27.0	27.4	25.2	26.0	25.7	26.5	26.9
	8H	25.8	26.6	26.3	27.0	27.5	25.3	26.1	25.8	26.5	27.0
	12H	25.9	26.5	26.4	27.0	27.5	25.4	26.0	25.9	26.5	27.0
8H	4H	25.5	26.3	26.0	26.7	27.2	25.1	25.8	25.6	26.3	26.7
	6H	25.9	26.5	26.4	26.9	27.4	25.4	26.0	25.9	26.5	27.0
	8H	26.0	26.5	26.5	27.0	27.5	25.6	26.1	26.1	26.6	27.1
	12H	26.1	26.5	26.6	27.0	27.5	25.7	26.1	26.2	26.6	27.1
12H	4H	25.6	26.2	26.0	26.6	27.1	25.1	25.7	25.6	26.2	26.7
	6H	25.9	26.4	26.4	26.9	27.4	25.5	26.0	26.0	26.5	27.0
	8H	26.0	26.4	26.5	26.9	27.5	25.6	26.0	26.1	26.5	27.1

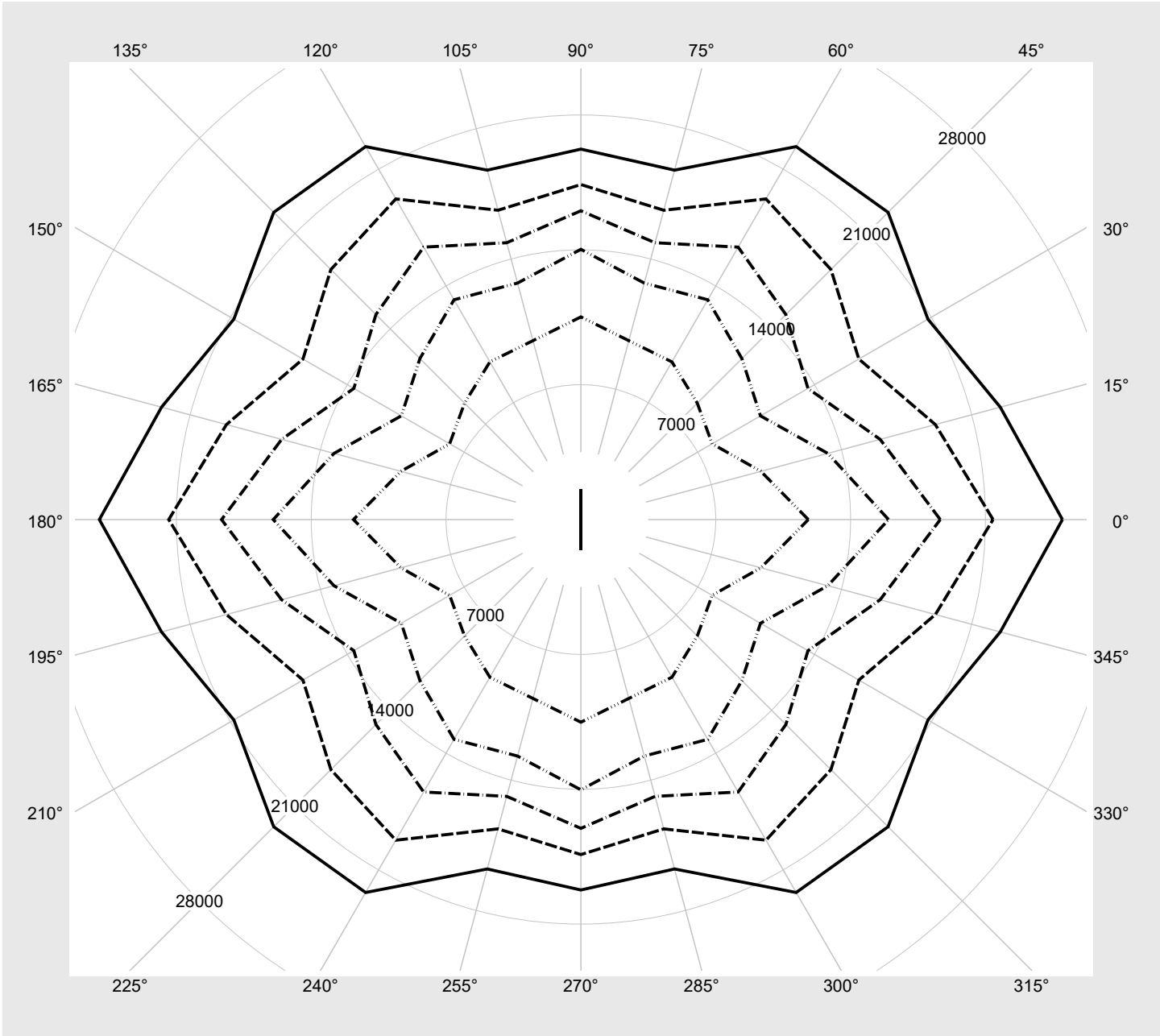
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	L = 1500 B = 58
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C-planes	γ	Luminance in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°	45°	47174.8	45029.8	50785.1	50874.1	44770.9	44188.1	45701.8	
50°	50°	41833.4	38912.5	43035.4	42892.8	36330.2	34798.6	35938.5	
55°	55°	36283.3	33080.3	34387.4	35125.9	30418.0	27494.1	28030.8	
60°	60°	30179.8	27433.8	26607.1	28152.4	25952.5	22167.9	22496.3	
65°	65°	24998.4	22540.4	20804.1	22553.7	22354.6	18777.9	19228.8	
70°	70°	21397.5	19051.2	16663.0	18356.6	19218.3	16622.8	17390.9	
75°	75°	18656.1	16083.9	13611.8	15049.0	16329.3	14876.5	16028.4	
80°	80°	15973.4	13270.4	10765.2	11819.6	13174.2	12709.5	14028.2	
85°	85°	11807.8	9672.9	7867.7	8544.6	9450.9	9613.8	10520.1	

Photometric test report

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



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Dimming levels table	environmental temperature: 25°C	sITeco
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Luminous flux %	Dimming level linear	Dimming level logarithmic	Luminous flux [lm]	Power consumption [W]
100	254	254	13580	76.8
95	240	252	12886	72.6
90	227	250	12235	68.6
85	213	248	11527	64.3
80	200	245	10866	60.3
75	187	243	10199	56.5
70	174	240	9529	52.6
65	160	237	8801	48.4
60	148	234	8169	44.8
55	135	231	7483	41.0
50	122	227	6788	37.3
45	109	223	6089	33.5
40	97	219	5437	30.0
35	85	214	4779	26.6
30	72	208	4062	22.9
25	60	201	3395	19.5
20	48	193	2721	16.1
15	36	182	2045	12.6
10	24	168	1363	9.2
5	12	142	675	5.9
2	4	102	212	3.6