

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TE12VN4AXM
EAN: 4058352972274

LP number
58689_199



Version cover frosted, wide distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-DALI CLO
Rated values Net luminous flux = 10000 lm
Power consumption = 53.4 W
Luminous efficacy = 187.3 lm/W

serial
documentation
13.11.2025

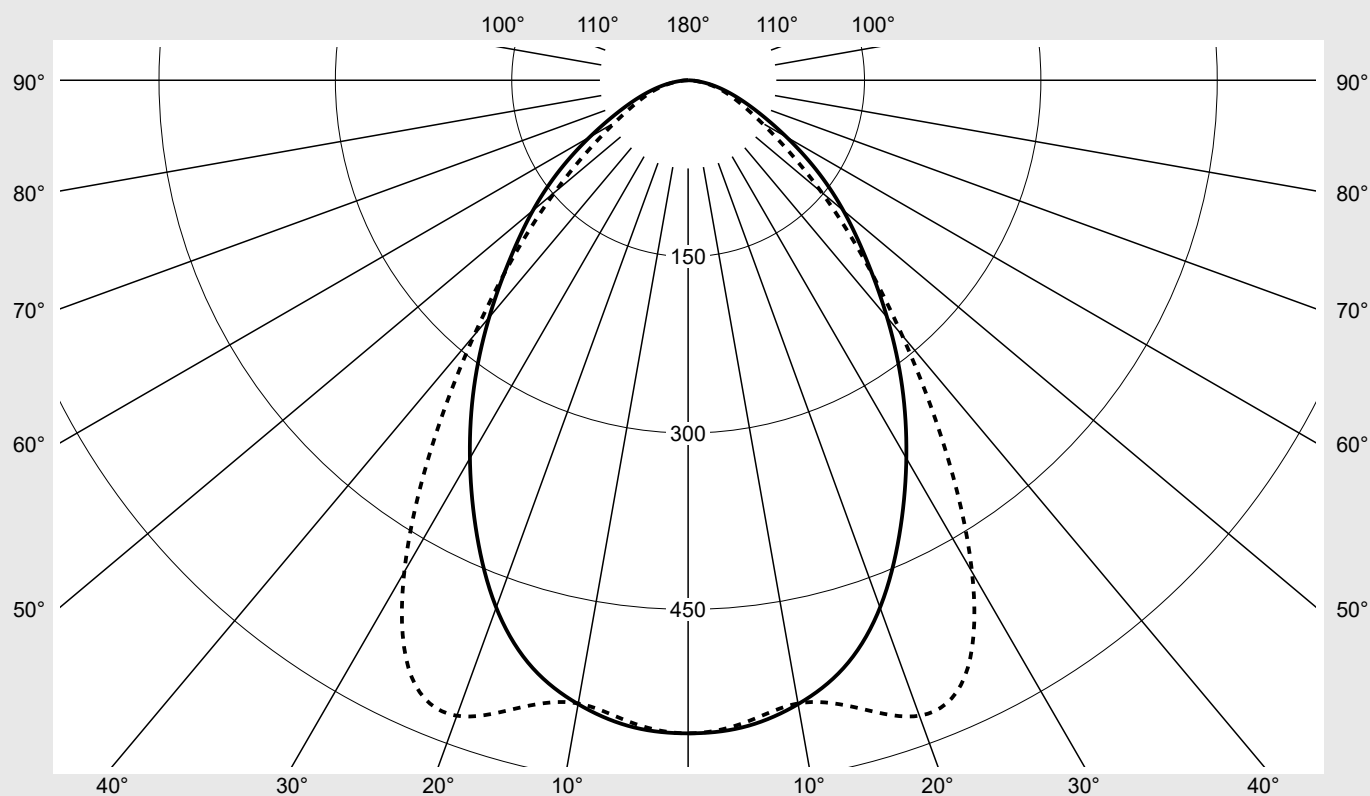
siteco

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

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Table of values for luminous intensities		Maximum luminous intensity
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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
γ	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

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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
Reflection factor of walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3
Reflection factor of floor		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	24.4	23.2	24.7	25.0	22.3	23.8	22.7	24.1
	3H	23.6	24.9	24.0	25.3	25.6	22.9	24.3	23.3	24.6
	4H	23.9	25.1	24.3	25.5	25.9	23.2	24.4	23.6	24.8
	6H	24.1	25.3	24.5	25.6	26.0	23.4	24.5	23.8	24.9
	8H	24.3	25.3	24.7	25.7	26.1	23.5	24.6	24.0	24.9
	12H	24.3	25.2	24.7	25.6	26.1	23.6	24.5	24.0	24.9
4H	2H	23.2	24.4	23.6	24.8	25.2	22.8	24.0	23.2	24.4
	3H	24.0	25.1	24.5	25.4	25.9	23.6	24.6	24.0	25.0
	4H	24.4	25.3	24.8	25.7	26.1	23.9	24.8	24.3	25.2
	6H	24.7	25.5	25.1	25.9	26.4	24.2	25.0	24.6	25.4
	8H	24.8	25.5	25.2	25.9	26.4	24.3	25.0	24.8	25.4
	12H	24.9	25.5	25.3	25.9	26.4	24.4	25.0	24.8	25.4
8H	4H	24.5	25.2	24.9	25.6	26.1	24.0	24.7	24.5	25.2
	6H	24.8	25.4	25.3	25.9	26.4	24.4	25.0	24.9	25.4
	8H	24.9	25.4	25.4	25.9	26.4	24.5	25.0	25.0	25.5
	12H	25.0	25.4	25.5	25.9	26.5	24.6	25.0	25.1	25.5
12H	4H	24.5	25.1	25.0	25.6	26.1	24.0	24.7	24.5	25.1
	6H	24.8	25.3	25.3	25.8	26.3	24.4	24.9	24.9	25.4
	8H	25.0	25.4	25.5	25.9	26.4	24.5	25.0	25.1	25.5

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
C-planes	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°
			Luminance in cd/m²				
45° 50° 55° 60°	γ	34738.4	33158.9	37397.0	37462.5	32968.2	32539.1
		30805.1	28654.3	31690.3	31585.3	26752.7	25624.9
		26718.2	24359.6	25322.1	25865.9	22399.1	20246.0
		22223.7	20201.6	19592.9	20730.8	19110.8	16323.9
65° 70° 75° 80°	γ	18408.2	16598.2	15319.7	16608.0	16461.4	13827.6
		15756.6	14028.9	12270.2	13517.4	14151.9	12240.7
		13737.9	11843.8	10023.4	11081.7	12024.6	10954.7
		11762.5	9772.0	7927.2	8703.7	9701.2	9359.0
85°	γ	8695.0	7122.9	5793.6	6292.1	6959.4	7079.4

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Luminance values in cd/m²

γ 65°

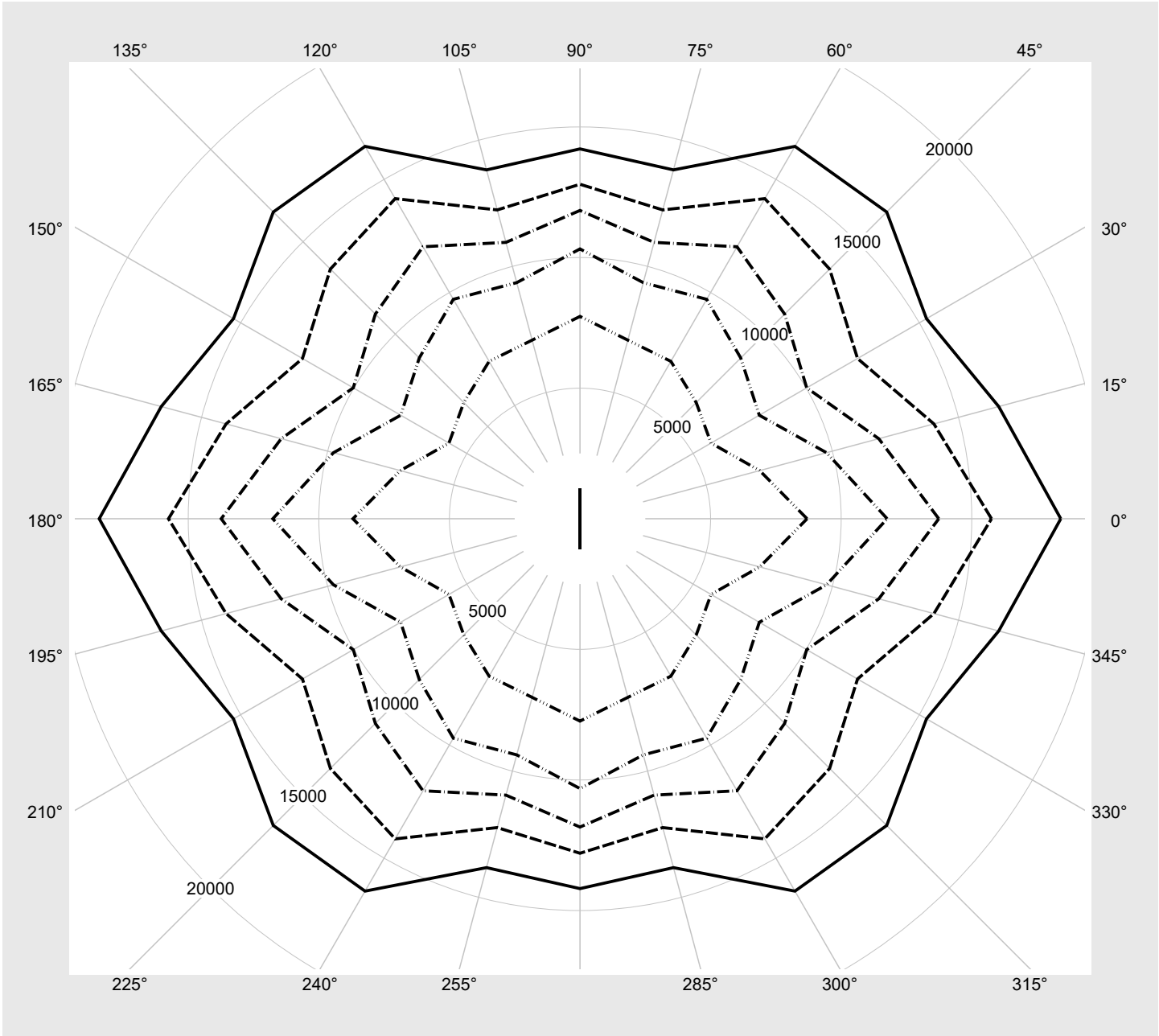
γ 70°

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] start of lifetime	Power consumption [W] end of lifetime	Power consumption [W] average
100	254	254	10000	53.4	56.2	54.8
95	241	252	9513	50.8	53.3	52.0
90	227	250	8987	47.9	50.4	49.2
85	214	248	8497	45.1	47.5	46.3
80	201	245	8002	42.5	44.6	43.6
75	188	243	7506	39.8	41.8	40.8
70	175	240	7005	37.2	39.1	38.2
65	162	238	6502	34.5	36.3	35.4
60	149	234	5996	32.0	33.6	32.8
55	136	231	5485	29.3	30.8	30.0
50	124	228	5014	27.0	28.3	27.6
45	111	224	4496	24.4	25.5	25.0
40	99	219	4020	22.0	23.0	22.5
35	86	214	3500	19.5	20.3	19.9
30	74	209	3016	17.0	17.9	17.4
25	61	202	2491	14.5	15.2	14.8
20	49	194	2002	12.0	12.6	12.3
15	37	183	1511	9.7	10.1	9.9
10	25	169	1018	7.3	7.6	7.4
5	12	142	481	4.9	5.0	5.0
2	6	117	230	3.7	3.7	3.7