

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TL12MV465M
EAN: 4058352922491

LP number
58689_140



Version cover frosted, wide distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG Multilumen
Rated values Net luminous flux = 6990 lm
Power consumption = 34.4 W
Luminous efficacy = 203.2 lm/W

serial
documentation
11.10.2023

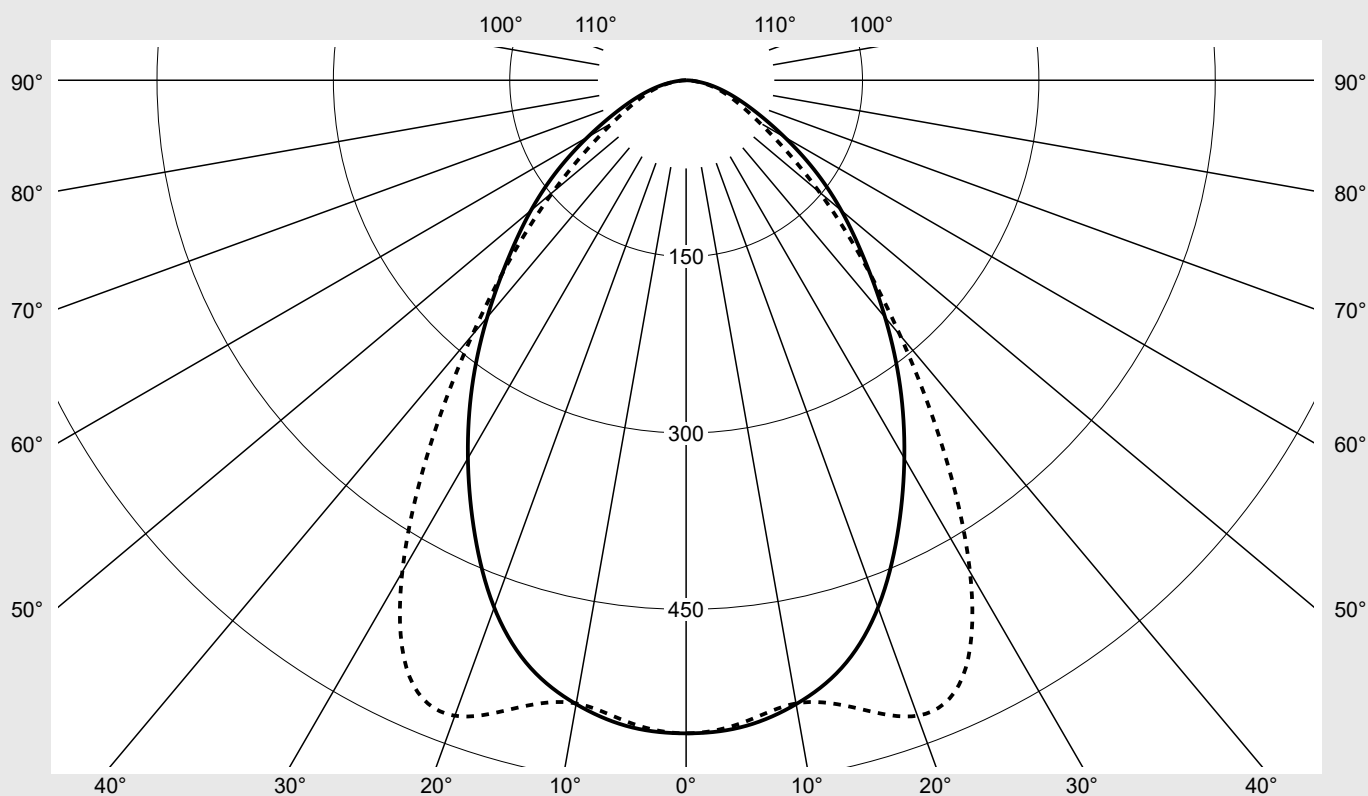
siteco

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
		sITeco

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)			
2H	x									
	y									
	2H	20.2	21.7	20.6	22.0	22.4	19.7	21.2	20.0	21.5
	3H	21.0	22.3	21.3	22.6	23.0	20.3	21.6	20.7	21.9
	4H	21.3	22.5	21.6	22.8	23.2	20.5	21.8	20.9	22.1
	6H	21.5	22.6	21.9	23.0	23.4	20.8	21.9	21.2	22.3
4H	8H	21.6	22.6	22.0	23.0	23.4	20.9	21.9	21.3	22.3
	12H	21.6	22.6	22.1	23.0	23.4	20.9	21.9	21.3	22.3
	2H	20.6	21.8	21.0	22.1	22.5	20.1	21.4	20.5	21.7
	3H	21.4	22.4	21.8	22.8	23.2	20.9	21.9	21.3	22.3
	4H	21.7	22.6	22.2	23.1	23.5	21.3	22.2	21.7	22.6
	6H	22.0	22.8	22.5	23.2	23.7	21.5	22.3	22.0	22.8
8H	8H	22.1	22.8	22.6	23.3	23.8	21.6	22.3	22.1	22.8
	12H	22.2	22.8	22.7	23.3	23.8	21.7	22.3	22.2	22.8
	4H	21.8	22.5	22.3	23.0	23.5	21.4	22.1	21.8	22.5
	6H	22.2	22.7	22.6	23.2	23.7	21.7	22.3	22.2	22.8
	8H	22.3	22.8	22.8	23.3	23.8	21.9	22.4	22.4	22.9
	12H	22.4	22.8	22.9	23.3	23.8	22.0	22.4	22.5	22.9
12H	4H	21.8	22.5	22.3	22.9	23.4	21.4	22.0	21.9	22.5
	6H	22.2	22.7	22.7	23.2	23.7	21.8	22.2	22.3	22.7
	8H	22.3	22.7	22.8	23.2	23.8	21.9	22.3	22.4	22.8
	2H	20.6	21.8	21.0	22.1	22.5	20.1	21.4	20.5	21.7
	3H	21.4	22.4	21.8	22.8	23.2	20.9	21.9	21.3	22.3
	4H	21.7	22.6	22.2	23.1	23.5	21.3	22.2	21.7	22.6

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 2250 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°	65°	70°	75°	80°
65°	70°	75°	80°	85°	90°	95°	100°

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Luminance values in cd/m²

γ 65°

γ 70°

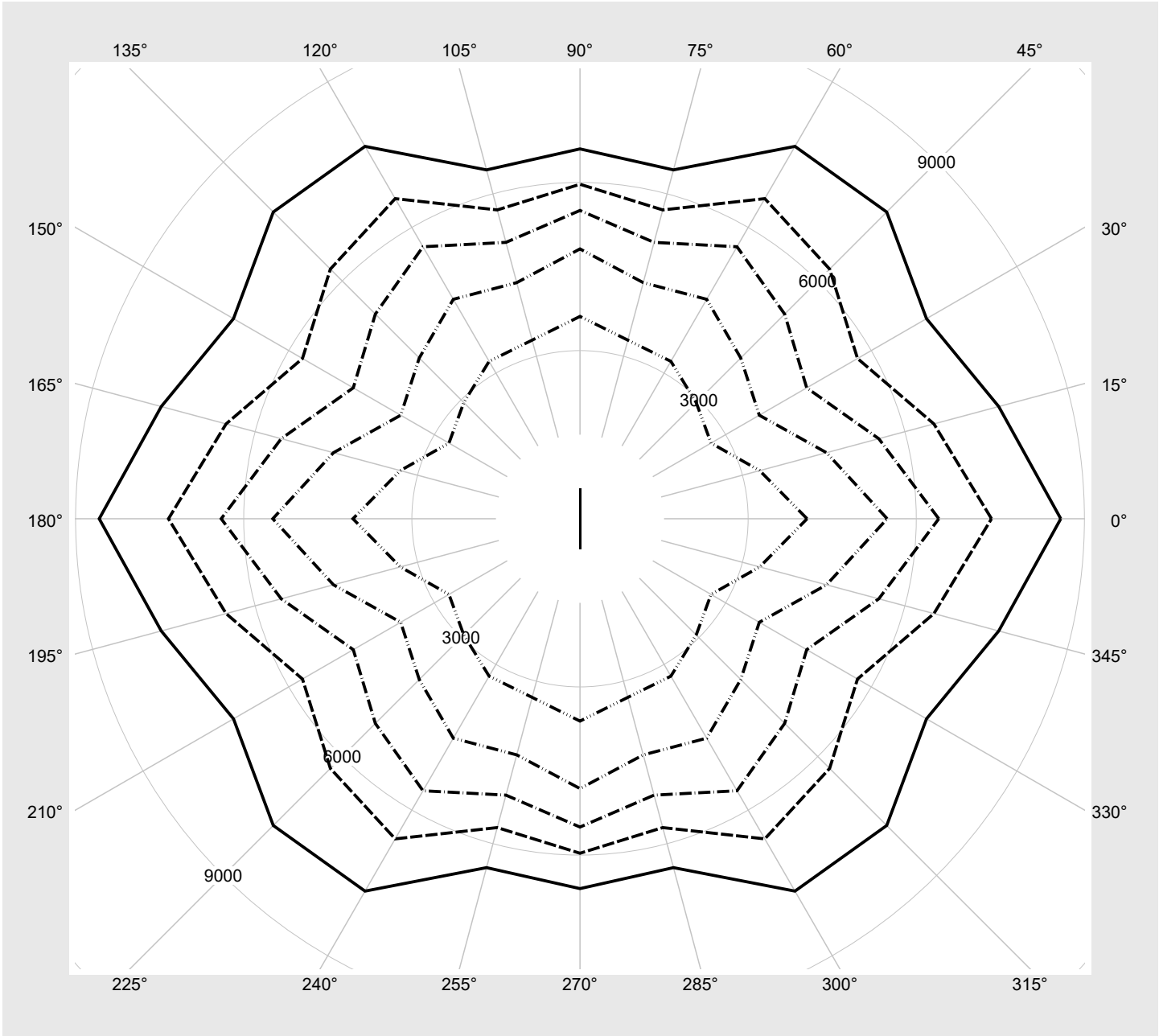
γ 75°

γ 80°

γ 85°

sit

eco



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Family Licross® 11 Recessed	Order number: 51TL12MV465M EAN: 4058352922491	LP number 58689_140
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	6990	34.4
2	A	C	F	6660	32.8
3	A	D	E	6320	31.2
4	A	D	F	5980	29.5
5	B	C	E	5560	27.5
6	B	C	F	5220	25.8
7	B	D	E	4890	24.3
8	B	D	F	4550	22.6