

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TE12VN465G
EAN: 4058352972236

LP number
58637_268



Version cover frosted, wide distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG-DALI CLO
Rated values Net luminous flux = 6500 lm
Power consumption = 34.3 W
Luminous efficacy = 189.5 lm/W

serial
documentation
13.11.2025

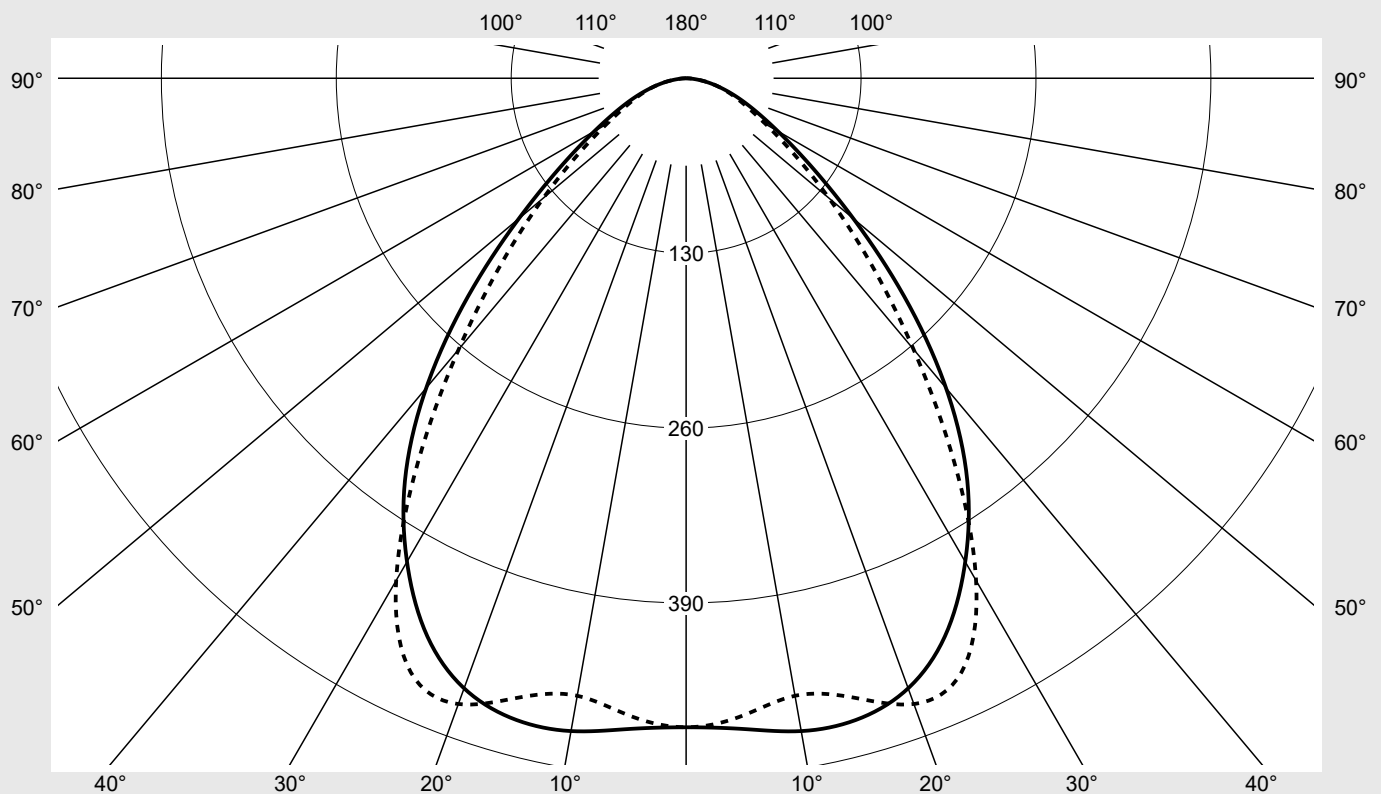
siteco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 498 cd/klm



Classifications

DIN 5040 A 5 0
CIE N1=67 N2=92 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: 51TE12VN465G EAN: 4058352972236	LP number 58637_268
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°	482.3	482.3	482.3	482.3	482.3	482.3	482.3	2.9	2.9
5°	485.4	482.8	478.2	477.5	477.4	475.9	475.7	22.9	25.8
10°	492.7	488.2	477.9	471.3	467.6	465.9	466.0	45.2	71.0
15°	493.2	486.1	471.9	467.9	471.0	473.7	476.3	67.5	138.5
20°	482.5	473.5	462.5	471.9	487.1	492.8	494.9	89.9	228.4
25°	456.4	447.1	449.2	479.4	497.6	491.1	485.8	109.5	337.8
30°	414.9	406.8	427.0	475.1	479.0	447.1	431.1	121.4	459.2
35°	364.2	358.0	387.7	436.7	420.7	368.9	346.8	122.0	581.2
40°	300.5	296.3	322.5	357.9	336.0	284.8	262.9	110.4	691.6
45°	229.2	226.3	238.5	259.8	247.2	211.8	193.4	90.1	781.7
50°	162.3	159.3	161.6	173.6	174.5	155.2	138.5	68.2	849.9
55°	112.5	108.0	105.1	112.3	121.6	110.9	97.2	49.6	899.5
60°	78.7	73.1	68.3	73.1	83.7	77.4	68.5	35.5	935.0
65°	56.0	50.2	45.0	48.4	56.8	54.5	49.6	25.5	960.5
70°	39.5	34.5	29.5	32.1	37.8	38.5	36.6	18.1	978.6
75°	26.0	22.0	18.4	20.2	23.9	25.9	25.8	12.0	990.6
80°	14.9	12.2	9.9	10.8	13.0	14.8	15.3	6.8	997.4
85°	5.4	4.3	3.6	4.0	4.7	5.6	5.8	2.5	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: 51TE12VN465G EAN: 4058352972236							LP number 58637_268	
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	21.2	22.7	21.6	23.0	23.3
	3H	21.7	23.0	22.0	23.3	23.7	21.8	23.1	22.2	23.4	23.8
	4H	21.9	23.1	22.3	23.5	23.8	22.0	23.2	22.4	23.6	24.0
	6H	22.0	23.2	22.5	23.5	23.9	22.2	23.3	22.6	23.7	24.1
	8H	22.1	23.2	22.6	23.6	24.0	22.3	23.3	22.7	23.7	24.1
	12H	22.2	23.1	22.6	23.5	23.9	22.3	23.3	22.8	23.7	24.1
4H	2H	21.4	22.6	21.7	22.9	23.3	21.4	22.7	21.8	23.0	23.4
	3H	22.0	23.0	22.4	23.4	23.8	22.2	23.2	22.6	23.6	24.0
	4H	22.2	23.2	22.7	23.6	24.0	22.5	23.4	22.9	23.8	24.3
	6H	22.5	23.3	22.9	23.7	24.2	22.8	23.6	23.2	24.0	24.5
	8H	22.5	23.3	23.0	23.7	24.2	22.9	23.6	23.3	24.0	24.5
	12H	22.6	23.2	23.1	23.7	24.2	22.9	23.6	23.4	24.0	24.5
8H	4H	22.3	23.0	22.8	23.5	23.9	22.5	23.3	23.0	23.7	24.2
	6H	22.6	23.2	23.1	23.6	24.1	22.9	23.5	23.4	23.9	24.4
	8H	22.7	23.2	23.2	23.7	24.2	23.0	23.5	23.5	24.0	24.5
	12H	22.7	23.2	23.3	23.7	24.2	23.1	23.5	23.6	24.0	24.6
12H	4H	22.3	22.9	22.8	23.4	23.9	22.6	23.2	23.0	23.6	24.1
	6H	22.6	23.1	23.1	23.6	24.1	22.9	23.4	23.4	23.9	24.4
	8H	22.7	23.1	23.2	23.6	24.2	23.0	23.5	23.6	24.0	24.5

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		L = 1500 B = 58	
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°
		Luminance in cd/m²					
γ							
45°	24212.2	23911.3	25200.7	27449.0	26115.4	22382.9	20429.6
50°	18864.6	18520.4	18783.4	20182.3	20286.2	18043.3	16099.1
55°	14651.6	14066.0	13691.4	14633.5	15844.8	14451.6	12658.3
60°	11761.3	10929.1	10209.3	10927.9	12500.2	11560.4	10228.2
65°	9906.0	8867.4	7960.5	8562.8	10042.8	9634.6	8775.6
70°	8625.5	7532.4	6447.8	7011.4	8253.5	8413.9	8002.1
75°	7495.3	6357.6	5321.0	5829.6	6889.9	7484.0	7443.6
80°	6394.4	5239.6	4250.9	4654.5	5573.5	6385.8	6591.5
85°	4586.2	3710.1	3074.0	3416.1	4043.6	4770.5	4969.4

Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12VN465G EAN: 4058352972236	LP number 58637_268
--	--	--------------------------------------

Luminance values in cd/m²

γ 65°

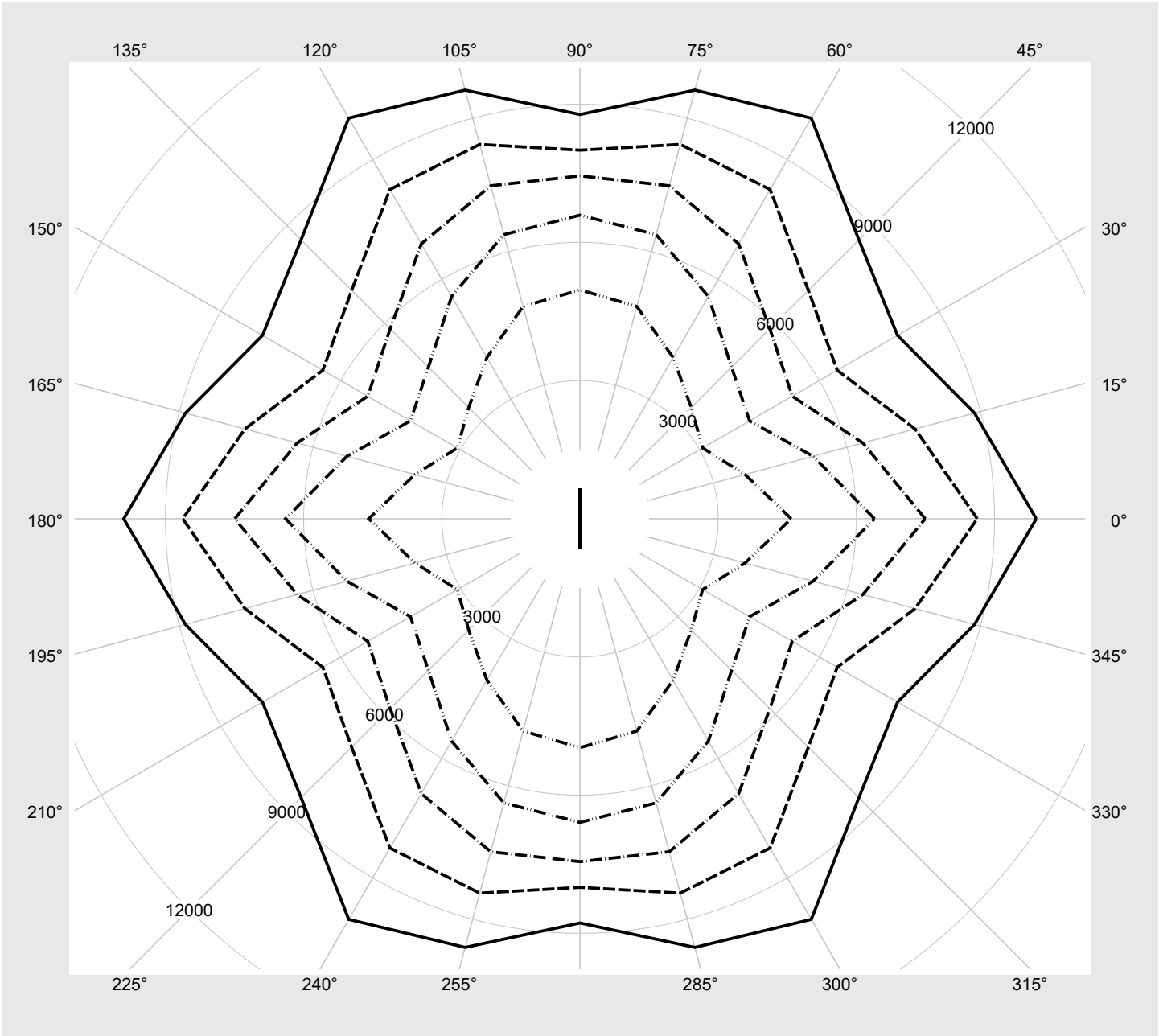
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE12VN465G EAN: 4058352972236	LP number 58637_268
Dimming levels table		environmental temperature: 25°C

siteco

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	6500	34.3	36.1	35.2
95	241	252	6185	32.6	34.2	33.4
90	227	250	5840	30.7	32.3	31.5
85	214	248	5520	29.1	30.4	29.8
80	201	245	5199	27.4	28.7	28.0
75	188	243	4877	25.8	27.1	26.4
70	175	240	4552	24.2	25.3	24.8
65	162	238	4223	22.5	23.6	23.0
60	149	234	3895	20.8	21.8	21.3
55	136	231	3565	19.2	20.1	19.6
50	124	228	3259	17.6	18.4	18.0
45	111	224	2924	15.8	16.6	16.2
40	99	219	2612	14.1	14.8	14.4
35	86	214	2275	12.3	13.0	12.6
30	74	209	1962	10.7	11.2	11.0
25	61	202	1621	9.1	9.5	9.3
20	49	194	1304	7.5	7.8	7.6
15	37	183	986	5.9	6.2	6.1
10	25	169	663	4.2	4.4	4.3
9	22	164	583	3.7	3.9	3.8