

Photometric test report

Family
Licross® 11 Recessed

Order number: 51TE18MN495G
EAN: 4058352940518

LP number
58691_185



Version cover frosted, medium distribution, high visual comfort
Lamps LED 4000 K | CRI ≥ 80
Controlgear ECG Multilumen
Rated values Net luminous flux = 9990 lm
Power consumption = 55.2 W
Luminous efficacy = 181 lm/W

serial
documentation
11.10.2023

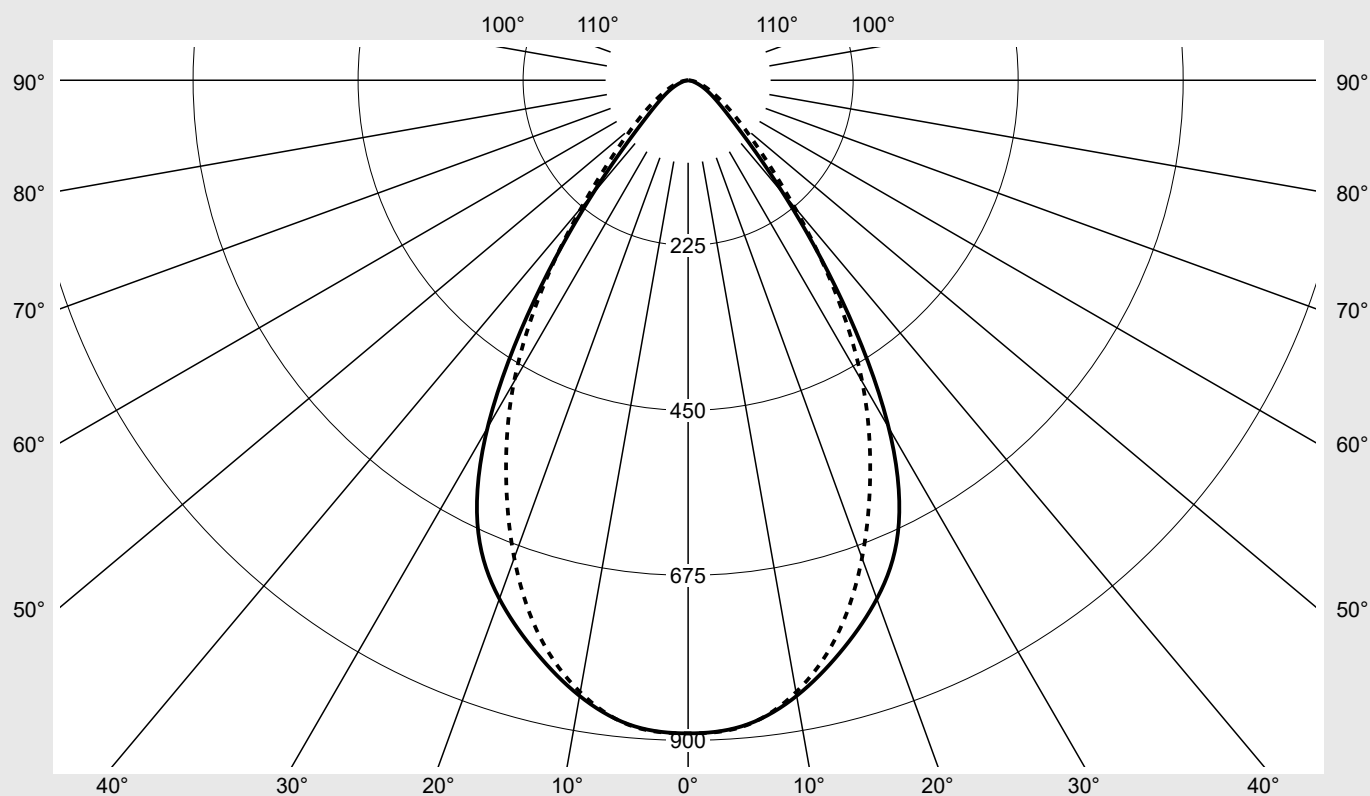
siteco

Luminous intensity in cd/klm

C180-0

C270-90

Imax: 890 cd/klm



Classifications

DIN 5040 A 6 0
CIE N1=83 N2=96 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: 51TE18MN495G EAN: 4058352940518	LP number 58691_185
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°	890.5	890.5	890.5	890.5	890.5	890.5	890.5	5.3	5.3
5°	883.0	882.3	875.7	876.1	880.2	881.2	883.8	42.0	47.4
10°	852.3	852.7	846.0	846.4	847.1	846.1	847.2	80.7	128.1
15°	806.0	807.1	800.6	798.1	793.1	786.0	783.9	113.0	241.1
20°	752.4	753.8	745.8	735.1	719.0	700.4	693.3	136.8	377.8
25°	677.7	678.7	666.2	642.3	616.2	594.6	587.5	147.9	525.7
30°	547.1	547.0	530.5	500.0	481.5	475.9	474.8	139.1	664.9
35°	364.4	363.5	349.1	327.1	328.9	340.7	345.9	108.2	773.0
40°	203.2	202.2	193.4	185.6	201.9	218.9	225.4	71.4	844.5
45°	108.8	108.0	102.7	103.7	123.9	139.5	144.1	45.5	890.0
50°	66.7	66.1	62.8	66.6	83.9	94.8	97.2	31.9	921.9
55°	45.6	45.3	45.3	49.0	60.9	67.0	67.8	24.3	946.1
60°	31.9	31.8	34.1	38.0	45.2	47.1	47.1	18.6	964.8
65°	21.6	21.7	24.8	28.3	33.6	33.2	32.9	14.0	978.8
70°	13.4	13.7	16.2	19.9	24.5	23.3	22.8	9.9	988.7
75°	7.5	7.7	9.1	12.7	16.1	15.5	14.8	6.4	995.1
80°	4.0	4.1	4.6	6.4	8.9	8.9	8.1	3.5	998.6
85°	1.9	1.8	2.0	2.6	3.4	3.5	3.0	1.4	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: 51TE18MN495G EAN: 4058352940518							LP number 58691_185		
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	19.0	20.3	19.3	20.6	20.9	19.9	21.2	20.2	21.5	21.8
	3H	19.1	20.3	19.5	20.6	21.0	20.4	21.5	20.7	21.8	22.2
	4H	19.2	20.2	19.6	20.6	21.0	20.6	21.6	21.0	22.0	22.3
	6H	19.2	20.1	19.6	20.5	20.9	20.7	21.6	21.1	22.0	22.4
	8H	19.2	20.1	19.7	20.5	20.9	20.8	21.6	21.2	22.0	22.4
	12H	19.2	20.0	19.7	20.4	20.8	20.8	21.6	21.3	22.0	22.4
4H	2H	19.1	20.2	19.5	20.5	20.9	20.0	21.0	20.4	21.4	21.7
	3H	19.4	20.3	19.8	20.7	21.1	20.6	21.5	21.0	21.9	22.3
	4H	19.5	20.2	19.9	20.7	21.1	20.9	21.7	21.4	22.1	22.6
	6H	19.5	20.2	19.9	20.6	21.1	21.1	21.8	21.6	22.2	22.7
	8H	19.5	20.1	20.0	20.5	21.0	21.2	21.8	21.7	22.2	22.7
	12H	19.5	20.0	20.0	20.5	21.0	21.3	21.8	21.8	22.2	22.7
8H	4H	19.6	20.2	20.0	20.6	21.1	20.9	21.5	21.4	22.0	22.5
	6H	19.6	20.1	20.1	20.6	21.1	21.2	21.7	21.7	22.2	22.7
	8H	19.6	20.0	20.1	20.5	21.1	21.3	21.8	21.8	22.2	22.8
	12H	19.6	20.0	20.2	20.5	21.0	21.4	21.8	21.9	22.3	22.8
12H	4H	19.6	20.1	20.1	20.6	21.1	20.9	21.4	21.4	21.9	22.4
	6H	19.6	20.0	20.2	20.5	21.1	21.2	21.6	21.7	22.1	22.6
	8H	19.7	20.0	20.2	20.5	21.0	21.3	21.7	21.9	22.2	22.7

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°
γ	Luminance in cd/m²						
45°	17672.0	17543.2	16670.2	16832.4	20124.4	22648.3	23407.0
50°	11923.5	11808.1	11211.8	11902.1	14994.0	16934.7	17372.6
55°	9126.3	9070.5	9075.5	9802.6	12183.1	13409.3	13571.7
60°	7332.9	7296.6	7842.5	8734.5	10372.1	10815.4	10805.3
65°	5873.7	5897.6	6739.9	7698.5	9123.6	9008.7	8929.6
70°	4488.1	4606.6	5449.0	6676.1	8221.8	7837.0	7648.7
75°	3326.6	3421.5	4042.2	5615.4	7150.9	6891.8	6567.1
80°	2645.7	2688.7	3052.4	4241.4	5908.4	5859.5	5385.3
85°	2454.5	2430.8	2628.4	3475.6	4494.0	4641.5	3940.6

Photometric test report

Family
Licross® 11 Recessed

Order number: **51TE18MN495G**
EAN: **4058352940518**

LP number
58691_185

Luminance values in cd/m²

γ 65°

γ 70°

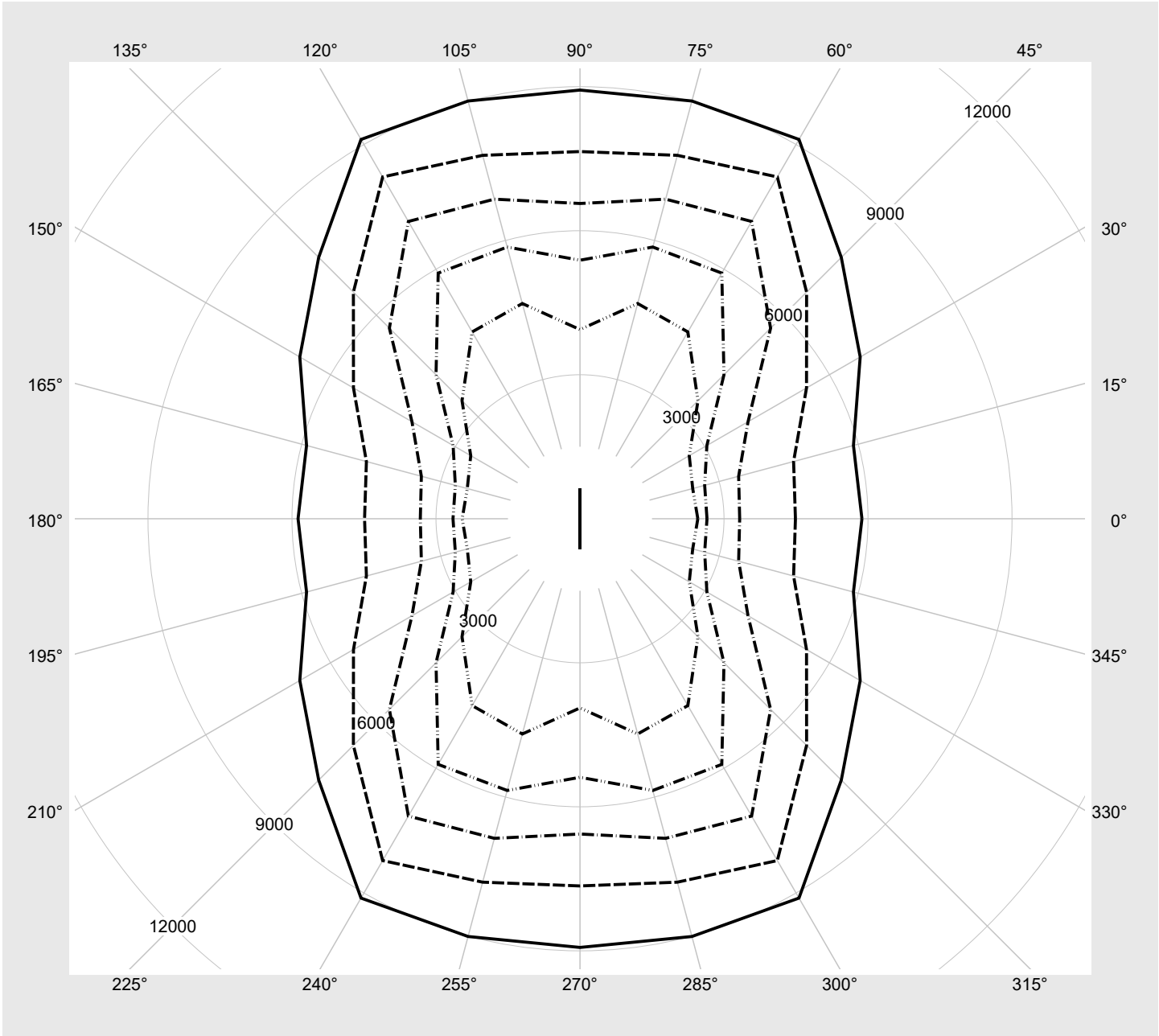
γ 75°

γ 80°

γ 85°

sit

eco



Photometric test report

Family Licross® 11 Recessed	Order number: 51TE18MN495G EAN: 4058352940518	LP number 58691_185
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
1	A	C	E	9990	55.2
2	A	C	F	9550	52.5
3	A	D	E	9040	49.3
4	A	D	F	8520	46.2
5	B	C	E	7770	41.7
6	B	C	F	7550	40.4
7	B	D	E	7010	37.4
8	B	D	F	6550	34.8