

LED STRIP FS 120 5M 10MM 9,6W 700LM 9827 IP20

14/01/2022

S11200

Product description

Full spectrum colour rendering, designed for accurate colours; CRI > 98. 120 LEDs per meters make it easy to create a smooth line of light in most installations. With double-sided 3M 300LSE tape, the strip is versatile and easy to install.

The technology behind our Full Spectrum LED strips:

Natural daylight (the sun) defines the ability to reproduce the colours of our surroundings. On a scale from 0-100 (CRI - Colour Rendering Index) natural daylight has a colour rendering of CRI 100.

With our Full Spectrum LED strips, we want to achieve the same effect.

In addition to the focus on energy efficiency and quick installation, our Full Spectrum LED strips also give you as a customer the opportunity to take advantage the colours you have in the current installation to a much greater extent.

Our Full Spectrum LED Strips have a high degree of colour rendering (Ra): We focus on maintaining a high average based on test colours Ra (avg. R1-R8) = 97. At the same time (Re) Ra = R1-R15 = 95 (Rf = 95 Rg = 100). This is done to make the illuminated elements to a much greater extent shall appear as they also appear in natural sunlight within most of color spectrum.



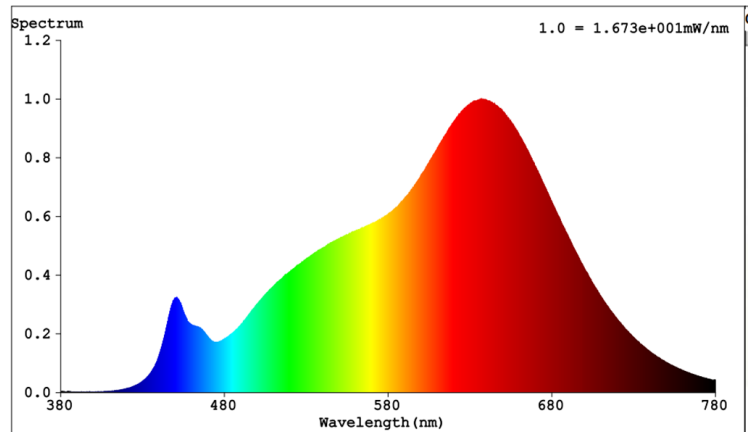
Technical data

Model	Strip	Mounting method	Surface mounting/recessed mounting
Lamp type	LED not exchangeable	Number of nodes per meter	120
Lamp power per meter	9,6 W	Luminous flux per meter	700 lm
Voltage type	DC	Lamp voltage	24 - 24 V
Beam angle	120 °	Type of control gear	LED operating device voltage-controlled
Rated life time L80/B10 at 25 °C	50000 h	Degree of protection (IP)	IP20
Protection class	II	Max. system power	48 W



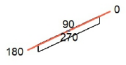
Colour of light	White
Colour rendering index CRI	90-100
Width	10 mm
Length	5000 mm
Self-adhesive	Yes
Number of poles	2
LED-Strip length (m)	5
Operating temperature	-20°C ~ +45°C
Dimmable	Yes
Brand	SLC
HS Code	94054010

Colour temperature	2700 - 2700 K
Power factor	0.95
Height/depth	2 mm
Length of particular segments	50 mm
Type of wiring	Ending
Conductor cross section	0.35 mm ²
Max length per connection:	5 meter
Dimming method	Pulse Width Modulation (PWM)
Dimming range	0-100%
Produced by	The Light Group





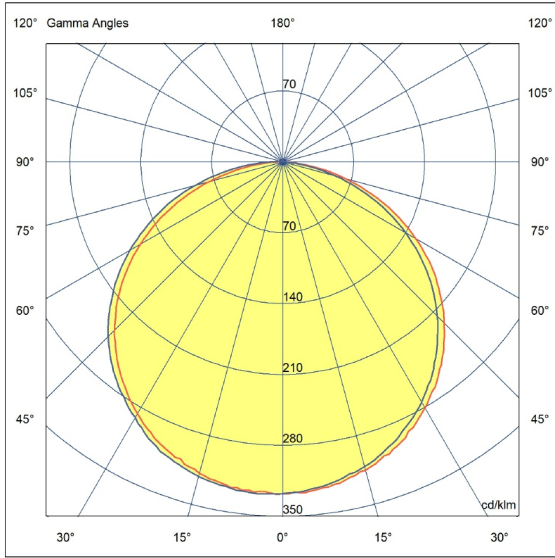
10mm x 1000mm



C Halfplanes

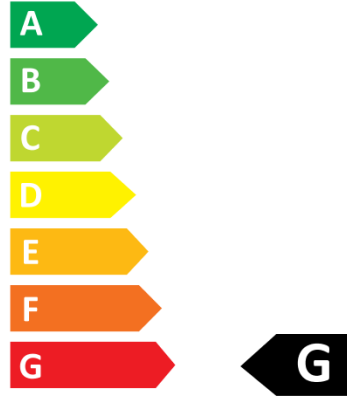
180.0 — 0.0
270.0 — 90.0

Flux 708 lm
Maximum 328.55 cd/klm
Position C=270.00 G=4.00
Efficiency: 100.00%
Date: 31-12-2019
Asymmetrical



Scandinavian Lighting Concept

S11200



5 kWh/1000h



2019/2015