

## LED STRIP FS 120 5M 10MM 9,6W 735LM 9830 IP20

14/01/2022

### S11201

## 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

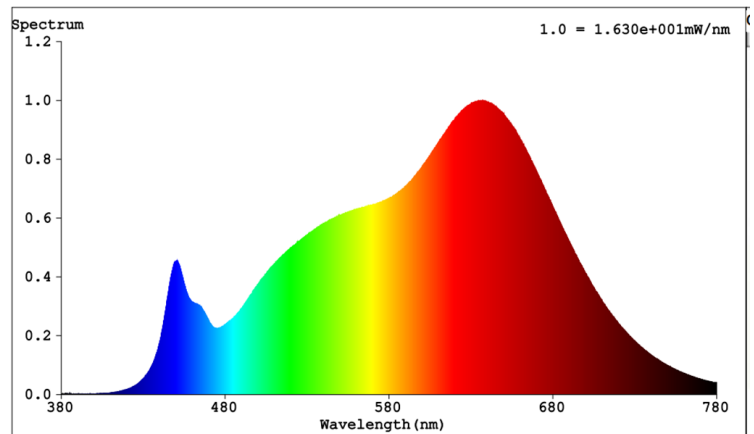
<b>Model</b>	Strip	<b>Mounting method</b>	Surface mounting/recessed mounting
<b>Lamp type</b>	LED not exchangeable	<b>Number of nodes per meter</b>	120
<b>Lamp power per meter</b>	9,6 W	<b>Luminous flux per meter</b>	735 lm
<b>Voltage type</b>	DC	<b>Lamp voltage</b>	24 - 24 V
<b>Beam angle</b>	120 °	<b>Type of control gear</b>	LED operating device voltage-controlled
<b>Rated life time L80/B10 at 25 °C</b>	50000 h	<b>Degree of protection (IP)</b>	IP20
<b>Protection class</b>	II	<b>Max. system power</b>	48 W





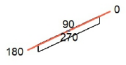
Colour of light	White
Colour rendering index CRI	90-100
Width	10 mm
Length	5000 mm
Self-adhesive	Yes
Number of poles	2
LED-Strip length (m)	5
Operating temperature	-20°C ~ +45°C
Dimmable	Yes
Brand	SLC
HS Code	94054010

Colour temperature	3000 - 3000 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 <sup>2</sup>
Max length per connection:	5 meter
Dimming method	Pulse Width Modulation (PWM)
Dimming range	0-100%
Produced by	The Light Group





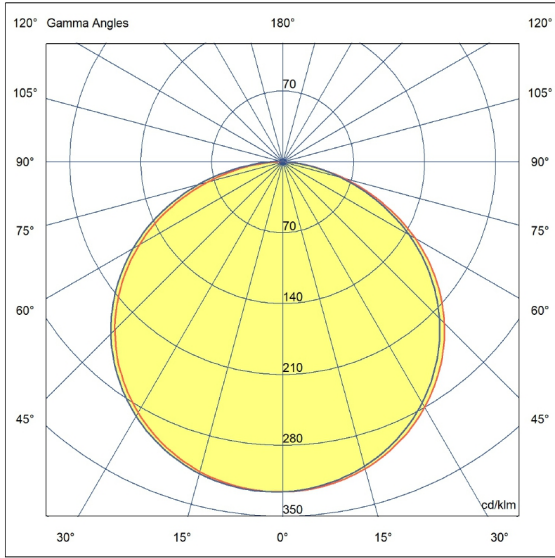
10mm x 1000mm



C Halfplanes

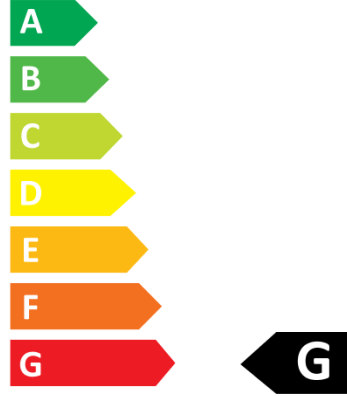
180.0 — 0.0  
270.0 — 90.0

Flux 772 lm  
Maximum 326.05 cd/klm  
Position C=247.50 G=1.00  
Efficiency: 100.00%  
Date: 31-12-2019  
Asymmetrical



Scandinavian Lighting Concept

S11201



5 kWh/1000h



2019/2015