

LED Strip 24V | 182xLED/m | 5m | SMD2835 | 11200Lm| 16W/M | IP20



Product code:

Reference: SP182D16W24V

Technical specifications:

REFERENCE: SP180D16W24V
Rated Power : 16w
Nominal Voltage: 24V DC
Colour: 2200K - 2700K - 4000K - 6000K
CRI - Chromatic Rendiment Index: 80
Construction Material: PCB
Luminosity-Lm: 1M: 2240Lm - 5M: 11200Lm
Number & Type of LEDs: 180 LEDs/M - SMD2835
Beam Angle (°): 120°
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 120 Lm/W
Certifications: CE - ROHS
IP : IP20
Diode Life Expectancy (H): 100.000
Dimensions (mm): 5m x 10mm
Frequency (Hz): 50/60Hz
Temperature Range (°C): -20°C ~ +55°C
On/Off Cycles: 100.000
Other Information: Cut: 3,3cm
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 3

Product short description:

PROFESSIONAL LED strip 16W per metre, **24V** with a length of **5 metres**. It is designed for indoor installation, as well as being perfect for **decorating** different spaces. It requires a power supply and it is advisable to install it on an aluminium profile to achieve good heat dissipation.

Product description:

LED PROFESSIONAL Strip 24V | 120xLED/m | 5m | SMD2835 | 11200Lm| 16W/M | IP20

This **24V** DC 180xLED/ m **IP20 LED Strip** has a length of **5 meters** and integrates 238 highly efficient SMD2835 technology LEDs that only consume **16W per meter**. The bright and colorful light it emits is spread out at an angle of 120°.

Our LED strip is **self-adhesive** for easy installation. The LED strip requires a constant current (DC) direct current power supply to power it.

The LED strip can be cut and joined by the spaces indicated in it (union copper area), always following the relevant instructions, (be careful that the welder maintains a brief contact with the strip when welding it, since excessive heat will damage the conductor).

It is recommended that any type of installation of this type does not exceed 10 meters to avoid voltage drops of the direct current that powers the LED strips, although you also have the option of feeding the strip from both ends, a more recommended option if you go place 20 continuous meters. For the installation of more continuous meters, you will need the installation of signal amplifiers for the LED strip.

In its placement, to increase the useful life of the LED strip, it is **advisable** to use the **double-sided heat dissipating** tape, as well as to place it on an **aluminum profile**, for a correct management of the heat of the LED strip itself.

You can find on our website both signal amplifiers, such as dissipative tape, connection accessories, 12-24v power supplies, as well as aluminum profiles.

The LED strips are ideal to illuminate any type of corner or element of your business and your home, thanks to its flexibility. It can be said that one of its main advantages is the great versatility of uses that it can be given, since they can be installed in any area and adapt to any corner, and thus be placed in any position, due to its adaptable linear design.

Uses of LED PROFESSIONAL Strip 24V | 120xLED/m | 5m | SMD2835 | 11200Lm| 16W/M | IP20

- In libraries
- Bar
- Home
- Restaurants
- Roofs

At FactorLED we ensure that our products have a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESale, including the technical data sheet

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

Technical Datasheet

of each LED product.

Additional images:

