

## LED Strip 220V | 120xLED/m | 50m | SMD2835 | 800Lm/M | 8W/M | IP65 | Cut every 10 cm



### Product code:

Reference: SP120D8W

### Technical specifications:

REFERENCE: SP120D8W  
Rated Power : 8w  
Nominal Voltage: 220-240 V AC  
CRI - Chromatic Rendiment Index: 82  
Construction Material: PVC  
Luminosity-Lm: 1M: 800Lm/W  
Number & Type of LEDs: 120 LEDs/M - SMD2835  
Beam Angle (°): 120°  
Luminous diodo LED (Lm/W): 110 Lm/W  
Luminous Efficiency (Lm/W): 100Lm/W  
Certifications: CE - ROHS  
IP : IP65-Outdoor  
Diode Life Expectancy (H): 100.000  
Dimensions (mm): L20m x 10mm x H4,2mm  
Power Factor (PF): 0,91  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): F  
Warranty Years: 3  
Units per masterbox: 1

### Product short description:

The 220V LED Strip with 120 LEDs/m SMD2835 and 8W/m power in a 50-meter roll is the ideal solution for outdoor lighting projects. With a width of 10mm and cuts every 10cm, it offers flexibility and ease of installation. No power supply or rectifier bridge required. With IP65 protection, it is perfect for illuminating any space, both outdoors and indoors, providing a professional and durable touch to your installations with efficiency and uniformity.

### Product description:

LED Strip 220V | 120xLED/m | 50m | SMD2835 | 800Lm/M | 8W/M | IP65 | Cut every 10 cm

The 220V LED Strip with 120 LEDs/m SMD2835 and 8W/m power is a versatile and highly efficient solution for lighting projects, especially for outdoor spaces. Designed in a 50-meter roll, it allows for easy coverage of large areas. With a width of 10mm and cut points every 10cm, this LED strip provides flexible installation adaptable to any design. Its direct 220V operation eliminates the need for power supplies or rectifier bridges, simplifying connections and reducing additional costs.

### Key Features and Benefits:

- Professional and Precise Lighting:** The strip contains 120 SMD2835 LEDs per meter and has a color rendering index (CRI) over 82, providing uniform and realistic illumination. The colors of illuminated objects appear natural, making it ideal for environments that require lighting that enhances real color tones.
- Easy Customization and Adaptability:** With cut points every 10cm, this LED strip allows for easy length adjustment to suit project needs without compromising performance. Connections are secure and straightforward, and to avoid damage, brief contact with the soldering iron is recommended during soldering.
- Outdoor Durability and Protection:** With IP65 protection, this LED strip is resistant to water and dust, making it perfect for outdoor applications on terraces, gardens, and other outdoor spaces. The use of thermal dissipation tape and aluminum profiles is highly recommended to optimize heat dissipation, extending the strip's lifespan.
- Simplified Installation:** This 220V LED strip connects directly to the AC current without the need for transformers or power supplies, greatly simplifying installation. The strip includes adhesive backing, offering quick and easy attachment on various surfaces.

### Uses and Applications:

- Libraries
- Bars and Restaurants
- Interior and Exterior Home Decoration
- Terrace and Roof Lighting

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# Technical Datasheet

## Additional images:

