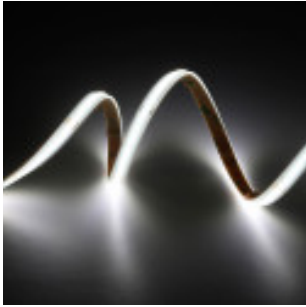# LED Strip 220V | 280xLED/m | 20m | SMD2025 | 1596Lm/M | 14W/M | IP67 | 10mm | Cut every 5cm

Product code:

Reference: SP280D14W

Technical specifications:

REFERENCE: SP280D14W
Rated Power : 14W
Nominal Voltage: 220-240 V AC
Colour: 2300K - 2700K - 4000K - 6000K
CRI - Chromatic Rendiment Index: 82
Construction Material: Silicone
Luminosity-Lm: 1M: 1540Lm -10M: 15400 Lm - 20M: 30800Lm
Number & Type of LEDs: 280 LEDs/M - SMD2025
Beam Angle (º): 120º
Luminous diodo LED (Lm/W): 150Lm/W
Luminous Efficiency (Lm/W): 110Lm/W
Dimmable: TRIAC
Certifications: CE, CMIM, RoHS
IP : IP67-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 (ºC): -20°C ~ +55°C
On/Off Cycles: 100.000
Energy Rating (2021-UE-2019/2015): A+
Warranty Years: 3

Product short description:

The professional 220V LED Strip - 20 meters with 280 LEDs/m and 14W/m - offers efficient, high-quality lighting, reaching **110Lm/W.** Designed for outdoor use thanks to its **IP67** protection and silicone coating, it guarantees durability in all weather conditions. Easy to install without requiring a power supply, **with cut points every 5 cm** and a width of **10 mm**, it is compatible with most aluminum profiles, ensuring excellent heat dissipation. Ideal for residential and commercial projects seeking performance and longevity in lighting.

Product description:

LED Strip 220V | 280xLED/m | 20m | SMD2025 | 1596Lm/M | 14W/M | IP67 | 10mm | Cut every 5cm

The professional 220V LED Strip - 20 meters, equipped with 280 LEDs/m and a power of 14W/m, is the ideal solution for those seeking efficient and versatile lighting. Thanks to its SMD2025 technology, it offers an impressive efficiency of 110Lm/W, emitting bright light with a 120º dispersion angle. With its **IP67** protection rating, it is designed to withstand outdoor environments, ensuring durability in any climate.

Main Features:

- **Energy efficiency:** Consumes only 14W per meter, maximizing efficiency without compromising light quality.
- **3M self-adhesive:** Installation is quick and easy thanks to its self-adhesive backing, allowing it to adapt to any surface.
- **TRIAC dimming:** You can adjust the light intensity according to your needs, allowing for personalized ambient control.
- **CRI >82:** Its high color rendering index ensures that colors are seen with great accuracy, making it perfect for illuminating spaces where color fidelity is key, such as display cases, shop windows, or exhibition areas.
- **Easy cutting and joining:** Can be cut every 5 cm at the indicated copper zones, allowing total length customization without compromising functionality. Ideal for projects requiring different strip sizes.

Installation and Durability: To optimize the LED strip's lifespan, we recommend installing it on aluminum profiles, which improves heat management and prevents overheating. Additionally, the double-sided thermal dissipating tape is ideal for ensuring a firm and durable placement.

Uses and Applications: The flexibility and adaptable design of this LED strip make it perfect for a wide range of applications, both indoors and outdoors.

- **Commercial spaces:** Its versatility allows it to be installed on ceilings, display cases, shelves, shop windows, frames, mirrors, stairs, and corridors, thanks to its resistance and flexibility.
- **Secondary and decorative lighting:** On facades, cabinets, or any space requiring an additional touch of light.
- **Residential applications:** Ideal for home lighting projects, offering an efficient and stylish solution.

With the 220V professional LED Strip, you not only get a quality product but a durable and adaptable solution for any lighting project, adding a touch of novelty and functionality to your spaces.

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 of each LED product.

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

Technical Datasheet

Additional images: