10W/m 24V IP20 COB LED Strip 320LED/m 1000Lm CRI90 5m roll

Product codes:

Reference: SP320D10W

Product features:

Power (W): 10
Power source (V): 24V-DC
Color temperature CCT: 2700K
Color temperature CCT: 3000K
Color temperature CCT: 4000K
Color temperature CCT: 6500K
LED: COB Flip chip
Dimmable: Sí
Brightness (Lm): 1000
CRI: +90
IP: IP20
Luminous angle: 180°
Measures (mm): 8x5000mm
Operating temperature: -20ºC ~ +55ºC
Energy efficiency 2021: A+
Energy efficiency 2023: F
Lifespan: 100.000h
Certification: CE - RoHS
Warranty: 3 años

Product attributes:

Color temperature CCT (ºK): Natural white 4000K, Warm white 2700K, Warm white 3000K, Cool white 6500K

Product description:

COB LED Strip 10W 24V COB LED Strip, 10W power, 24Vdc, 5-meter roll, 320 LED chips/m, high brightness of 1000 lumens/meter, flexible and moldable.

The 10W COB LED strip with 24Vdc comes in 5-meter rolls with 320 LED chips per meter, offering a high brightness of 1000 lumens per meter. It is flexible and moldable, with a width of 8mm and a CRI greater than 90, ensuring excellent color rendering. It allows cutting every 50mm and is dimmable, additionally featuring 3M adhesive on the back for easy installation. IP20 rated.

Technical Specifications

- **Voltage:** 24Vdc
- **Power:** 10W/m
- **LED Chips:** 320 chips/m
- **Brightness:** 1000 lumens/m
- **Width:** 8mm
- **CRI:** >90
- **Cutting:** Every 50mm

- **Adhesive:** 3M on the back
- **IP Rating:** IP20
- **Dimmable:** Yes

Advantages of Installation in Aluminum Profiles

It is recommended to install LED strips within aluminum profiles for proper heat dissipation. This not only extends the lifespan of the LEDs but also enhances the aesthetic appearance of the installation, providing uniform and well-distributed lighting.

Installation Instructions

1. **Preparation:** Ensure you have a clean, dry surface to install the LED strip.
2. **Cutting:** Cut the LED strip to the desired length every 50mm following the cut marks.
3. **Aluminum Profile:** Place the LED strip inside the aluminum profile for optimal heat dissipation.
4. **Connection:** Connect the LED strip to a 24Vdc power source.
5. **Testing:** Turn on the LED strip and adjust the intensity as needed.

Product gallery: