

LED Strip COB 220V | 448 LED/m | 20m | FLIP CHIP | 1200Lm/M | 14W/M | CRI+82 | IP67 | Cut every 12.5cm



Product code:

Reference: SPGM14W

Technical specifications:

REFERENCE: SPGM14W
Rated Power : 14W
Nominal Voltage: 220-240 V AC
Colour: 2700K - 4000K - 5700K
CRI - Chromatic Rendiment Index: 92
Construction Material: Silicone
Luminosity-Lm: 1M: 1200Lm - 20M: 24.000Lm
Number & Type of LEDs: COB
Beam Angle (°): 180°
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 120 Lm/W
Certifications: CE - ROHS
IP : IP67-Outdoor
Diode Life Expectancy (H): 100.000
Dimensions (mm): 20m. x 10mm
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

Product short description:

14W COB LED strip at **220V** and **20 metres** with adhesive tape for easy installation. Designed for indoor installation. Perfect for LIGHTING all types of spaces. It requires a power supply and it is advisable to install it on an aluminium profile for good heat dissipation. **448 Leds/metre FLIP CHIP high power.**

Product description:

COB LED Strip 220V | 448 LED/m | 20m | FLIP CHIP | 1200Lm/M | 14W/M | CRI+82 | IP67

Our **COB 220 Volt 14W LED strip** is self-adhesive for easy installation. The LED strips are dimmable (-Dimmable-).

This COB LED Strip has 448 FLIPCHIP chips per metre, so we get a uniform light throughout the strip, as well as having higher Lm/W performance than traditional SMD LEDs.

With its **CRI >82** we get very real colours. This makes this LED strip perfect for illuminating spaces where we want the colours to look perfect.

One of the notable **advantages** of this LED strip is its parallel assembly. This means that if one of the diodes burns out, the rest will continue to emit light without interruption. This is made possible by its design that allows each diode to operate independently, ensuring that the LED strip maintains its brightness even with a faulty diode.

The LED strip can be cut and joined by the spaces indicated on it (copper junction area), always following the relevant instructions (be careful that the soldering iron keeps a brief contact with the strip when soldering it, as excessive heat would damage the conductor).

In its placement, to increase the life of the LED strip, it is **advisable** to use the **double-sided** heat sink tape, as well as place it on **aluminium profile**, for proper heat management of the LED strip itself.

You can find on our website signal amplifiers, heat sink tape, connection accessories, 12-24v power supplies, as well as aluminium profiles.

LED strips are ideal for lighting any kind of corner or element of your business or home, thanks to their flexibility. It can be said that one of its main advantages is the great versatility of uses that can be given, as 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 COB LED Strip 220V | 448 LED/m | 20m | FLIP CHIP | 1200Lm/M | 14W/M | CRI+82 | IP67:

- In libraries
- Bars
- Home
- Restaurants
- Roofs
- Shops

Technical Datasheet

In FactorLED we ensure that our products have QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet of each LED product.

Additional images:

