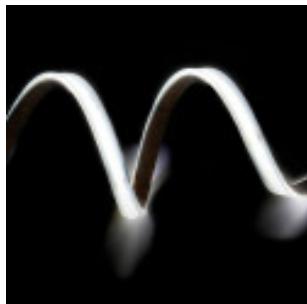


LED Strip COB 220V | 840 LED/m | 50m | FLIP CHIP | 1600Lm/m | 20W/m | CRI90 | IP67| Cut Every 10cm



Product code:

Reference: SPGM840D20W

Technical specifications:

REFERENCE: SPGM840D20W
Rated Power : 20w
Nominal Voltage: 220-240V
Colour: 2200K/2700K/4000K/5700K
CRI - Chromatic Rendiment Index: 82
Luminosity-Lm:
Number & Type of LEDs: COB
Beam Angle (°): 180°
Luminous diodo LED (Lm/W): 120 Lm/W
Luminous Efficiency (Lm/W): 80 Lm/W
Dimmable: TRIAC: 30%-100%
Certifications: CE, CMIM, RoHS
IP : IP67-Outdoor
Diode Life Expectancy (H): 35.000
Dimensions (mm): 50m * H4.5mm * 10mm
Temperature Range (°C): -20°C ~ +55°C
On/Off Cycles: 100.000
Energy Rating (2021-UE-2019/2015): A+
Warranty Years: 3

Product short description:

Discover the **COB LED Strip 220V**, a continuous and high-performance lighting solution featuring **Flip Chip Invisible Rectifier technology**. It delivers **up to 1600 lm per meter** with **perfect light uniformity**, with no visible spots. Made of **silicone with IP67 protection**, it's ideal for **indoor and outdoor use**, resistant to dust and moisture. **TRIAC dimmable**, it allows for **smooth and precise brightness control**. No **external power supply or rectifier cable** is required. Its **thermal adhesive** enhances bonding, and **10 cm cut intervals** provide full flexibility for any project. For improved **heat dissipation and longer lifespan**, installation on an **aluminum profile** is recommended.

Product description:

LED Strip COB 220V | 840 LED/m | 50m | FLIP CHIP | 1600Lm/m | 20W/m | CRI90 | IP67| Cut Every 10cm

The **COB LED Strip 220V** is a **high-performance professional lighting solution**, designed to provide **continuous, uniform, and powerful light** in residential, commercial, or industrial projects where **light quality and versatility** are essential.

Advanced Flip Chip Invisible Rectifier Technology

Thanks to the **Flip Chip Invisible Rectifier technology**, this LED strip delivers **perfect light uniformity**, eliminating visible spots typical of traditional LED systems. It ensures **continuous, homogeneous lighting**, ideal for highlighting **shelves, display windows, countertops, work areas, or architectural details**.

High luminous performance

With **840 LEDs per meter** and **20W/m power**, the strip delivers up to **1600 lumens per meter**, providing **strong, consistent light** without compromising energy efficiency. Its COB design produces a **uniform light beam**, reduces shadows, and enhances object visibility.

TRIAC dimmable

The system is **TRIAC compatible**, allowing **smooth and precise brightness adjustment**. This makes it possible to create **warm, cozy environments** or **bright, well-defined workspaces**, adapting the light to any situation without reducing efficiency or product lifespan.

Robust construction and IP67 protection

Made of **high-quality silicone with IP67 protection**, the strip is **dust and moisture resistant**, suitable for **indoor and outdoor use**, including **kitchens, bathrooms, façades, gardens, or terraces**.

Easy and flexible installation

No **external power supply or rectifier cable** is required. The **thermal adhesive** ensures secure fixing and reacts to the heat generated by the strip. **10 cm cut intervals** and **10 mm width** provide **maximum flexibility**, making it adaptable to any project.

Mounting recommendations

For **better heat dissipation and extended lifespan**, installation on an **aluminum profile** is recommended, ensuring a **professional, uniform finish**.

Recommended applications

Technical Datasheet

- **Residential indoor/outdoor:** kitchens, living rooms, terraces, gardens.
- **Commercial and retail projects:** display windows, shelves, counters, stands.
- **Architectural and decorative lighting:** outlines, moldings, ceilings, façade details.
- **Industrial and office environments:** work areas, exhibition zones, production lines.

Key advantages

- Perfect light uniformity without visible spots thanks to COB technology.
- High, stable power: up to 1600 lm/m at 20W/m.
- **TRIAC dimming** for precise lighting control.
- Durable and robust: IP67 silicone for indoor and outdoor use.
- **Flexible installation:** 10 cm cutting intervals and thermal adhesive.

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:

