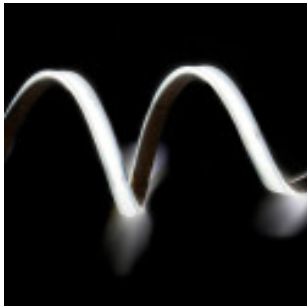


## LED Strip COB 220V | 840 LED/m | 50m | FLIP CHIP | 1600Lm/m | 20W/m | CRI90 | IP67| Cut Every 10cm



### 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:

