

Flexible Neon LED 24V 13W/m - 50M Coil - Special for Signage - 6x12mm - Cut every 1cm - Blue



Product code:

Reference: 92181

Technical specifications:

REFERENCE: 92181
Rated Power : 13W
Nominal Voltage: 24V DC
Colour: BLUE
CRI - Chromatic Rendiment Index: 80
Construction Material: Silicone
Luminosity-Lm: 1200
Number & Type of LEDs: SMD 2835
Beam Angle (°): 150°
Luminous diodo LED (Lm/W): 120Lm/W
Luminous Efficiency (Lm/W): 95 Lm/W
Dimmable: YES
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 30.000
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:

Transform your projects with this innovative Flexible Backlit LED Neon 24V DC - 13W/M, 50-meter Roll (6x12mm, 120 LEDs/m SMD2835), specially designed for signs and personalized decoration. Unlike other products, its light is not direct, offering a soft and uniform effect ideal for custom signs. **Cuttable every 1cm and dimmable**, it provides maximum versatility to meet your creative needs.

Made of high-quality silicone, it ensures exceptional flexibility, allowing you to easily create figures or letters, while preventing yellowing over time. It is the perfect solution for durable, aesthetic, and functional designs.

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The **Flexible Neon LED 24V 13W/m** is the perfect solution for decorative lighting and professional signage projects seeking a unique and eye-catching visual impact. This product combines advanced technology, high-quality materials, and versatile design to deliver a modern, efficient, and durable lighting solution.

Key Features:

High Energy Efficiency:

- Operates at 24V with a power consumption of 8W/m, ensuring low energy usage without compromising brightness.
- Equipped with **120 SMD2835 LEDs per meter**, providing uniform and consistent lighting without flickering or interruptions.

Compact and Versatile Dimensions:

- Measuring **6x12mm**, this neon is ideal for small spaces or complex designs.
- Perfect for projects requiring precision and attention to detail.

Precise Cutting:

- Can be **cut every 1cm**, allowing for exact customization to fit specific designs such as letters, shapes, edges, and more.

High-Quality Silicone Construction:

- Flexible, durable, and long-lasting material.
- Resistant to yellowing and wear, maintaining a flawless appearance even with prolonged use.
- Protects internal LEDs from moisture and dust, increasing the product's lifespan.

Compatibility and Dimming:

- **Fully dimmable**, enabling brightness adjustment according to the environment or design requirements.
- Compatible with a wide range of LED controllers.

Competitive Advantages:

- **Long-Lasting Durability:** Built with high-quality materials to ensure longevity and reduce maintenance costs.

Technical Datasheet

- **Easy Installation:** Its flexibility and precise cutting capabilities make installation simple, even in complex designs.
- **Modern and Sleek Design:** Adds a professional and attractive finish to any project.
- **Universal Compatibility:** Works seamlessly with various LED controllers, making integration into existing systems straightforward.

Uses and Applications of the Flexible LED Neon 24V 6x12mm - Blue

Commercial Signage:

- Ideal for creating striking, customizable signs that capture customer attention in storefronts, shops, and shopping centers.

Architectural Decoration:

- Used to highlight edges, facades, or structural elements of buildings, adding a modern and appealing effect.

Interior Design:

- Perfect for bars, restaurants, nightclubs, and homes, bringing a unique and vibrant atmosphere to any space.

Creative Projects:

- Its flexibility and customization options make it ideal for artistic and decorative projects, such as creating shapes, logos, or custom decorative elements.

Signage Applications:

- Excellent for emergency lighting, light indicators, or creative signage at events and exhibitions.

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 for each LED product.

Additional images:

