

LED Strip 2835 120LED/m, 18W/m, 24V, CRI80

Product codes:

Reference: A2835-120

EAN13: -

UPC: 85414100

Product features:

Luminosity: 1650-1750 lm

LED type: 2835 SMD

Voltage: 24 V DC

Number of LEDs: 120

Performance: 18 W

PCB Color: White

Waterproof grade: IP20

Lifetime: 50,000 hours

Operating temperature: -25°C - +65°C

Energy class: F



Product attributes:

Color of light: Warm white (3000K),
Natural white (4000K), White (6000K),
Yellow (2700K)

Product description:

Universal LED strip with a density of 120 LEDs/m provides balanced brightness and a very uniform light for both decorative and functional lighting. 24 V power supply, high-quality 8 mm PCB with 2 oz copper and original 3M 9495LE adhesive layer ensure stable performance, reliable installation and long service life. **Supplier-verified 5-year warranty.**

Technical specifications

- Chip type: SMD 2835
 - LED density: 120 LED/m
 - Power supply: DC 24 V
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- Power consumption: 18 W/m
- Luminous flux: 1650-1750 lm/m
- CRI: Ra > 80
- Cutting interval: every 50 mm (6 LEDs)
- PCB width: 8 mm, 2 oz copper
- Ingress protection: IP20 (indoor)
- Operating temperature: -25 °C to +65 °C
- Adhesive layer: 3M 9495LE
- Lifespan: up to 50,000 h

Features and characteristics

- High LED density supports a more uniform light line.
- 24 V DC supply helps reduce voltage drop over longer runs compared to lower voltage.
- The strip is suitable for dimming via PWM when used with a compatible 24 V system.
- The back side is equipped with a self-adhesive layer for mounting on a suitable surface.
- Cutting every 50 mm makes it easy to adapt the installation length.
- IP20 design is intended for dry indoor areas.

Ideal for

- Under-cabinet lighting in kitchens, shelves and furniture.
- Linear lighting in aluminium profiles.
- Display cases, shelves and shop windows.
- Accent and supplementary interior lighting.
- Commercial and decorative lighting installations in dry environments.

Package contents

- 1 m LED strip SMD 2835, 120 LEDs

Why choose this product

- Combines 24 V DC supply, density of 120 LED/m and power consumption of 18 W/m for linear lighting applications.
- Enables precise shortening in 50 mm increments.
- 8 mm width facilitates use in narrower profiles and installation spaces.
- PCB with 2 oz copper supports stable electrical and thermal performance.
- Integrated adhesive layer simplifies mounting on a prepared surface.

Installation and operating instructions

- Use a 24 V DC power supply with an appropriate power reserve.
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- Carry out installation on a clean, dry and thermally suitable surface.
- For longer service life and better heat dissipation, installation in an aluminium profile is recommended.
- Cut the strip only at the marked cutting points.
- The product is intended for indoor use in dry environments.

Safety warnings

- Incorrect wiring may cause damage to the strip or the power supply.
- The product is not intended for direct connection to 230 V mains voltage.
- Perform installation only with the power disconnected.
- Due to the strip's power consumption, sufficient heat dissipation must be ensured by installing it in an aluminium profile.
- For the installation of longer runs or in case of any uncertainties regarding wiring, professional installation is recommended.

Product gallery:

