

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

Reference: A2835-120

EAN13: -

HS code: 85414100

Product attributes:

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



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 description:

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

Technical specifications

- Chip type: SMD 2835
- Density: 120 LEDs/m
- Power supply: DC 24 V
- Light output: 18 W/m
- Luminous flux: 1650–1750 lm/m
- CRI: Ra > 80
- Cuttable: every 50 mm (6 LEDs)
- PCB width: 8mm, 2oz copper
- Protection: IP20 (interior)
- Operating temperature: -25 °C to +65 °C
- Adhesive layer: 3M 9495LE
- Lifespan: up to 50,000 h

Functions and features

- The high density of LEDs promotes a more uniform light line.
- The 24 V DC power supply contributes to lower voltage drops over longer distances compared to lower voltages.
- The strip is suitable for dimming via PWM when using a compatible 24 V system.
- The underside is provided with a self-adhesive layer for mounting on a suitable substrate.
- The 50 mm division makes it easy to adjust the installation length.
- The IP20 version is intended for indoor dry areas.

Ideal for

- Backlighting of kitchen cabinets, shelves and furniture.
- Linear lighting in aluminum profiles.
- Showcases, shelves and shop windows.
- Accent and supplementary lighting in the interior.
- Commercial and design lighting installations in dry environments.

Package contents

- 1 m LED strip SMD 2835, 120 LEDs

Why choose this product?

- It combines 24 V DC power supply, 120 LED/m density and 18 W/m power consumption for linear lighting applications.
- Allows precise shortening in 50 mm increments.
- The 8 mm width makes it easy to use in narrower profiles and installation spaces.
- 2 oz copper PCB supports stable electrical and thermal properties.
- The integrated adhesive layer simplifies installation on a prepared surface.

Installation and operating instructions

- For power supply, use a 24 V DC source with adequate power reserve.
- Install on a clean, dry and thermally suitable surface.
- For longer service life and better heat dissipation, mounting in an aluminum profile is suitable.
- Shorten the tape only at the marked dividing points.
- The product is intended for indoor use in dry environments.

Safety notice

- Incorrect connection may cause damage to the tape or power supply.
- The product is not intended for direct connection to a 230 V mains voltage.
- Perform installation with the power disconnected.
- Due to the power consumption of the tape, it is necessary to ensure sufficient heat dissipation by installing it in an aluminum profile.
- Professional installation is suitable for assembling longer assemblies or if there is uncertainty about the connection.

