

LED module round 3W, ø34mm, 220-240V AC, multiple colors

Product codes:

Reference: AM1911

EAN13: -

UPC: 85414100

Product features:

Angle of light: 120-130°

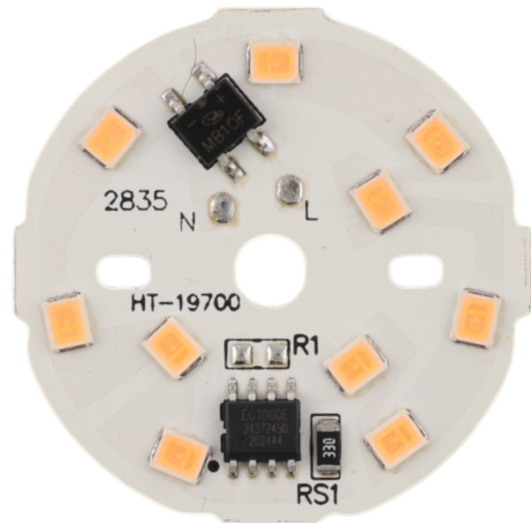
Luminosity: 270-300 lm

LED type: 2835 SMD

Voltage: 220-240 V AC

Number of LEDs: 10

Outer diameter: 34 mm



Product attributes:

Color of light: Green, Blue, Red

Product description:

The round LED module for mains power supply 220-240 V AC is designed for compact luminaires and lighting applications where simple integration onto a printed circuit board is required. The module is available in multiple light colour variants (green, red, blue).

Technical specifications

- Product code: AM1911
- Rated power consumption: 3 W
- Power supply: 220-240V AC
- LED type: 2835 SMD
- Number of LEDs: 10
- Outer diameter: 34 mm
- Beam angle: 120-130°
- Luminous intensity: 270-300 lm
- Light color options: green, red, blue

Functions and features

- Compact circular design suitable for integration into small luminaires
- Wide beam angle for even illumination within the luminaire
- SMD LED 2835 mounting for standard PCB mounting
- Power supply directly from the 220-240 V AC network (depending on module design)

Ideal for

- Indicator and signal lights (according to the selected light color)
- Recessed and decorative lighting with limited space
- Service replacement of LED modules in luminaires compatible in size and power supply
- Prototypes and custom designs of mains-powered luminaires

Package contents

- 1x LED module round Ø34 mm
- Wires and terminal blocks are not included in the package.

Why choose this product?

- Defined basic parameters for design and integration (voltage, power, size, angle, luminosity)
- Multiple color options for different application requirements
- Easy mechanical integration thanks to circular format

Installation and operating instructions

- The module does not contain wires or a terminal block; the lead wires must be soldered directly to the LED module's printed circuit board.
- Before soldering, verify the polarity/markings of the connection points on the module and use wires with adequate insulation temperature resistance.
- During assembly, ensure that the module is firmly attached so that there is no mechanical stress on the soldered joints.
- After installation, check the electrical strength and insulation distances within the entire luminaire according to the requirements for the mains voltage.
- For proper function, it is necessary to ensure adequate heat dissipation within the luminaire design.

Safety notice

- The module is designed for 220-240 V AC power supply. This is a dangerous mains voltage that can cause electric shock, burns or fire.
 - Only perform installation, connection and service when the power supply is disconnected and after verifying the absence of voltage.
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- We recommend that installation and connection be entrusted to a qualified person with knowledge of working on low voltage equipment in accordance with applicable regulations.
- The LED module must be operated in an electrically safe enclosure/luminaire that provides protection against touching live parts.
- Do not operate a module with a damaged circuit board, loose components, or visible signs of overheating.
- When soldering, take care to avoid bridging conductive paths, cold junctions or mechanical damage to the pads; check the quality of the connections after soldering.
- Ensure sufficient insulation distances, mechanical relief of the supply wires and protection against wires being pulled out of the soldered points.
- Do not place the module in an environment with a risk of contact with water or condensation unless adequate protection is provided within the luminaire.
- After completing the installation, check the function and safety of the entire device; if there are any unusual symptoms (odor, smoke, excessive heating), immediately disconnect the device from the mains.

Product gallery:

