Motion Sensor for profilees in aluminium and LED strip 12/24VDC

Product codes:

Reference: IL-2680

Product features:

Power source (V): 12/24V-DC
Frequency (Hz): 50-60Hz
Measures (mm): 42*10mm
Material: Aluminum + PC
Energy efficiency 2021: A+
Lifespan: 20.000h
Certification: CE - RoHS
Warranty: 2 años



Product attributes:

Product description:

Infrared sensor for LED strip IR Motion Sensor for Aluminium Profiles and LED Strip 12/24VDC

Automate your with this infrared sensor that fits inside aluminium profiles. Working at , it detects movement up to 2 metres and switches off the strip 40 seconds after the last movement.

? 12/24VDC? 2 m detection? 40 s? For profile

12/24VDC
Voltage2 m
Detection40 s
Delay

The **infrared motion sensor** is designed to fit inside aluminium profiles to automate the switching of your LED strip. A hole must be made in the profile's opal diffuser to house the sensor and leave the detector dome exposed.

Thanks to its **infrared sensor**, it detects movement within a **2-metre** range and automatically switches on the LED strip. Once the sensor stops detecting movement, the strip switches off after **40 seconds**. Compatible with a **12/24VDC** supply, it is ideal for wardrobes, stairs, corridors or furniture fitted with LED strip.

Why choose this product? **? 2 m detection**

Automatic switching of the LED strip on passage. **? Off after 40 s**

The strip switches off 40 seconds after the last movement. **? Fits the profile**
Houses inside the aluminium profile, dome exposed. Technical specifications Product typeInfrared motion sensor for LED stripVoltage12/24VDCDetection range2 mDelay40 seconds after the last movementSensor typeInfraredInstallationBuilt into aluminium profile (drill the diffuser) Advantages

- **2 m detection:** automatic switching of the LED strip.
- **Off after 40 s:** energy savings.
- **12/24VDC:** compatible with LED strip installations.
- **Built-in:** houses inside the aluminium profile.
- **Convenience:** hands-free lighting.

Recommended applications ?**Wardrobes and dressing rooms** — automatic strip switching.?**Stairs and corridors** — passage detection.?**Furniture and shelves** — hands-free lighting.?**Kitchens** — under-cabinet with LED strip. Installation guide 1**Switch off the power**
Cut the 12/24VDC supply before installation.2**Drill the diffuser**
Make a hole in the profile's opal diffuser for the sensor dome.3**House the sensor**
Place the sensor inside the profile and wire it between the supply and the LED strip.4**Test**

Restore power and check switching on movement and off after 40 s. Frequently asked questions **What is its detection range?**

Up to 2 metres. **When does the strip switch off?**

40 seconds after the last detected movement. **What supply does it need?**
A 12/24VDC supply, as for the LED strip. ?

2 m
IR detection?

40 s
Delay?

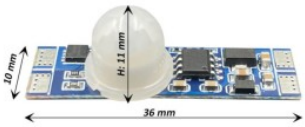
12/24VDC
For profile?

In stock
Fast shipping

Product gallery:






10 mm
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36 mm


LED+
V+
LED-
V-


12V-24V PIR Sensor
V-
V+