

COBLED

- COBLED 1000 (APE-244/0310)

-COBLED 2000 (APE-244/0320)



1. General description

The COBLED linear signal is a LED luminous device designed to be mounted on walls and other vertical structures, ideal for the visual signaling of gates, obstacles or automations of great dimensions.

The COB LED technology guarantees uniform and continuous yellow light along the whole length of the lamp, with adjustable intensity.

The device can be shortened during the installation following the designated cutting spots, to fit various application needs.

2. General warnings for installation and safety

The product must be used exclusively for its intended purpose; any improper use is dangerous and can cause damage and safety risks for the user. AB Tecno Srl doesn't answer for accidents caused by incorrect use, installation or nonprofessional applications.

Before any procedures the power supply must be unplugged and the installation, inspection and maintenance of the device must be entrusted to qualified personnel, in compliance with current regulations.

The user can only follow the operations specified in the manual and must contact an installer for any technical intervention, guaranteeing regular checks and maintenance.

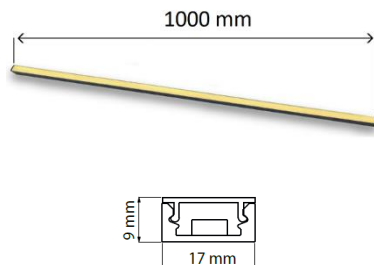
Packing materials and components must be kept away from children and must be disposed according to local regulations.

3. Technical features

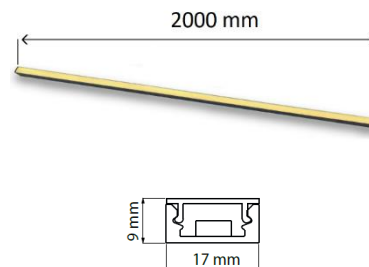
Name	Value
Lamp type	COB LED
Light color	Yellow
Power supply	24 Vdc
Degree of protection	IP65
Wiring	Lateral exit, two-wire cable
Profile	Dark grey aluminum
Mounting	4 springs included
Operating temperature	from -20°C to +60°C
Power COBLED 1000	10 W
Power COBLED 2000	20 W

4. Dimensions

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5. Note for the installer

- COBLED must be powered by 24V DC, following the product's technical specifications.
- The device must be installed on a stable and permanent surface, placed in such a way to guarantee maximum visibility of the light signal.
- Avoid places prone to water stagnation, leaks or dirt build-ups that could compromise the correct functioning and visibility of the device.
- Complete the electrical connections according to the current regulations, using suitable cables and guaranteeing properly insulated and safe connections.
- Before any intervention, unplug the power supply.
- After the installation verify the correct functioning of the device.

6. Mechanical assembly

TRAFFIC COB must be installed on a stable flat surface, either horizontally or vertically, depending on the application.

It must be mounted using the provided springs, that allow fastening the device on the installation surface.

Place the device in the desired spot and apply the mounting spring making sure that the device is fully fastened and correctly aligned.

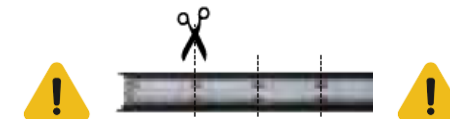
Verify that the installation ensures the device's stability, avoiding any movement or clearance. Avoid installations on surfaces not suitable or subjected to excessive vibrations.

Shortening the device

TRAFFIC COB can be shortened to adapt to any installation need. It must be cut exclusively along the designated cutting areas indicated on the device.

Use appropriate tools for the procedure, making sure not to damage the internal components.

After the cut, please apply appropriate sealant, such as silicon, on the end, to preserve the device's degree of protection.



7. Electrical connections

Before any connection can be made, ensure that the power supply is unplugged.

The signal is powered by 24V DC through a two-wire cable with lateral exit.

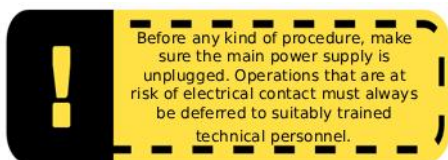
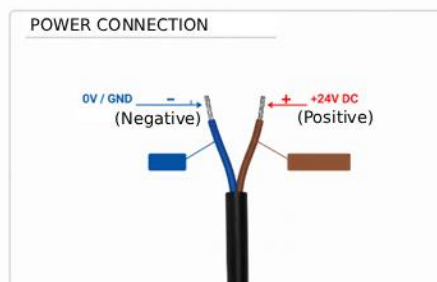
Connect the device according to the correct polarity of the power supply.

Use suitable cables that are compliant with current regulations, guaranteeing properly insulated stable connections.

Avoid exposed junctions and ensure appropriate protection from water and humidity.

Once the connections are completed, restore the power and check the correct functioning of the device.

Eventual brightness adjustments can be done through compatible control devices (dimmers) installed upstream of the power supply.



8. Functioning modes

The COBLED signal is a fixed light device.

When powered by 24V DC, the device emits a continuous yellow light for its whole length.

The signal is designed to guarantee high visibility, especially suited for gates, obstacles or automations of great size.

9. Information for the user

The user must use the device exclusively for the intended purposes, checking periodically its correct functioning and reporting eventual anomalies to the installer.

The product must be cleaned exclusively externally, while unplugged, with a dry or slightly humid cloth. Do not use aggressive detergents or jet of water directly onto the device.

It's forbidden to open, modify or try to repair the device. In case of malfunctions or damage, contact qualified personnel.

The signal's visibility mustn't be obstructed or reduced.

10. Warranty and Certifications

The warranty covers the device for 24 months past the purchase date. If during that time malfunctions imputable to manufacturing occur, the product will be repaired or exchanged, at the discretion of the warranty manager, without any cost for the client.

The warranty doesn't cover mechanical damage, damage caused by heat or flooding, failures caused by the user's intervention, weather or components subjected to normal wear and tear.

The recognition of warranty coverage for a defect doesn't give rights to any reimbursement or compensation for missing profits or closure periods.



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