

# IMPORTANT FOR INSTALLING LEDSTRIPS

Below are important general installation instructions for safe and correct installation of LEDstrips, including recommendations for mounting and handling.

## General Installation Instructions

- The installation should be performed by a qualified electrician.
- Always check the respective LEDstrip manual before installation to ensure the correct maximum length.
- Always check the respective LEDstrip manual and visit [hidealite.se](http://hidealite.se) for the correct installation instructions.
- Do not bend the LEDstrip beyond the allowed limit. Use a cold cable for corners.
- Handle LED strips carefully to avoid damage.

## Installation and Preparations

- Make sure the power is switched off during installation and that the LEDstrips do not overlap to avoid overheating.
- Clean the surface where the LEDstrip will be mounted with, for example, denatured alcohol (T-sprit) for the best adhesion.
- Follow the cutting intervals carefully and make straight cuts.
- Both ends of the LED strip should be glued or secured with silicone to ensure it stays in place over time.
- All LEDstrips with a rating higher than IP20 must be properly sealed according to the manual for its correct IP rating and to be covered by the warranty.

## Environmental and Sustainability Factors

- It is important that the LED strips maximum specified ambient temperature is taken into consideration in order to guarantee its life span, if this is exceeded, the life span can be shortened drastically.
- Carefully consider the appropriate placement of the LED strip for outdoor installations. Avoid areas that are hot and exposed to direct sunlight.
- For outdoor installation in a profile, the profile should be able to move in at least one direction. Profiles longer than 4 meters should be installed with at least a 1mm gap to allow for movement as the material expands due to temperature fluctuations. In this gap, the LED strip should be complemented with silicone/adhesive (taped LED strips can be in one continuous length as the LED strip expands along with the profile).
- An aluminum profile is recommended for heat dissipation. The tape adheres best to an aluminum profile.
- LED strips should be installed on fixed structures such as buildings, facades, permanent outdoor fixtures, fixed signs, and ceiling/wall niches.
- Obvious wind and vibration-exposed environments should be avoided, e.g. bridges, viaducts, railway platforms, high-rise buildings, large parking garages, traffic tunnels, stair constructions, and unstable signs.
- Lengths over 5 meters are recommended to be installed by two people to avoid twisting, which can damage the LED strip and its components.
- Installation of the LED strip, wiring, and drivers should be easily accessible for maintenance.

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