

INTRODUCTION

The Aluminum LED Profile system houses LED strip for enhanced heat dissipation, protection and a finished look. Suitable for residential, commercial and decorative applications.

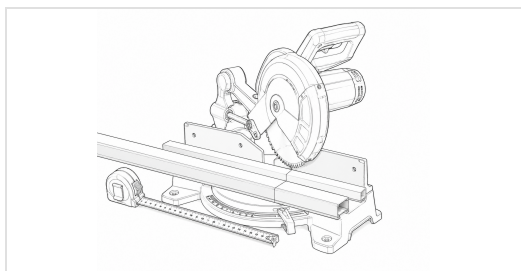
SAFETY

- Power off before handling electrical components. Dry hands only.
- Never connect power while handling exposed wiring.
- Ensure ventilation around the strip — do not enclose fully.
- Mount securely; do not install near flammables.
- Electrical work by a qualified electrician where required.

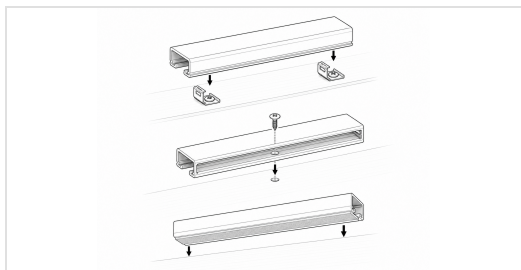
TOOLS & MATERIALS

Aluminum LED profile kit (profile · diffuser · end caps · mounting clips) · compatible LED strip + driver · screws & wall anchors · measuring tape · marker · screwdriver/drill · wire stripper / cutter · silicone (optional).

INSTALLATION

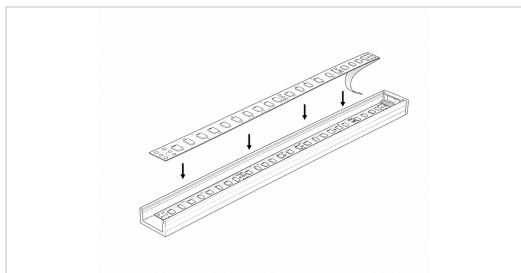
**01**

Plan the layout. Measure the run.
Cut the profile to length with a saw suitable for aluminum.

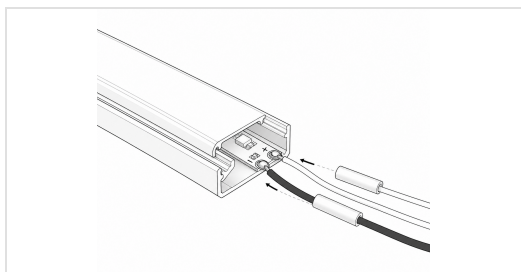
**02**

Mount the profile. Three options:
clips, direct screw through, or adhesive (light loads only).

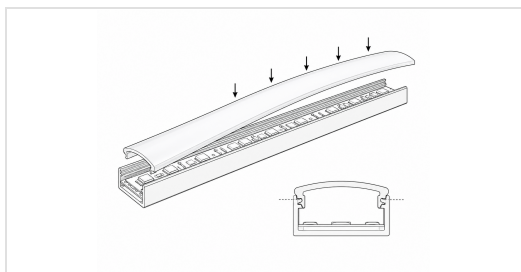
INSTALLATION (CONTINUED)

**03**

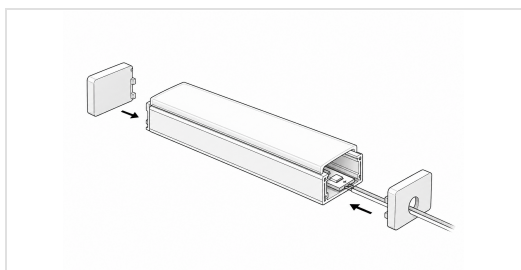
Install the LED strip. Clean inside of profile. Peel backing and press firmly into the channel.

**04**

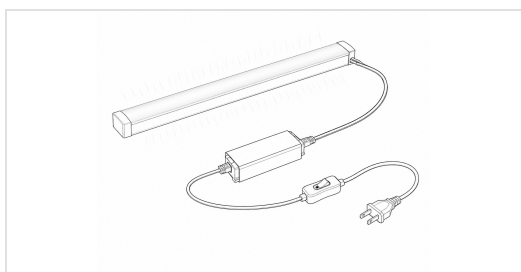
Connect wiring. Strip leads, match polarity (+ to +, - to -), insulate with tape or heat-shrink over solder joints.

**05**

Diffuser. Snap the diffuser/lens onto the channel.

**06**

End caps. Fit caps to both ends. Drill one if wiring exits there.

**07**

Power on. Connect the driver and verify uniform output.

DISCLOSURE

This guide is provided for qualified installers and licensed electrical contractors. All electrical connections must comply with the National Electrical Code (NEC) and applicable local building and fire codes. Work should be performed only by personnel trained in low-voltage and line-voltage lighting installation.

DirectLED is not liable for injury, property damage, or product failure resulting from improper installation, modification, or use outside the specifications described in this document. Always disconnect power at the breaker before servicing any fixture.

Product specifications, dimensions, and accessory kits are subject to change without notice. Photography and diagrams in this guide are for reference only and may not reflect the exact finish, hardware, or revision of the product shipped. Where a discrepancy exists between this guide and the physical product, contact DirectLED technical support before proceeding.

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