INSTALLATION GUIDE

Product code: st24v-12w-SMD

12 W/m High Lumen SMD LED Strip – 24 V, IP65

Turn the power off before any wiring. A licensed electrician is recommended for the whole job, and any 240 V wiring – including hard-wiring a transformer – must be done by a licensed electrician (AS/NZS 3000).

IN THE BOX

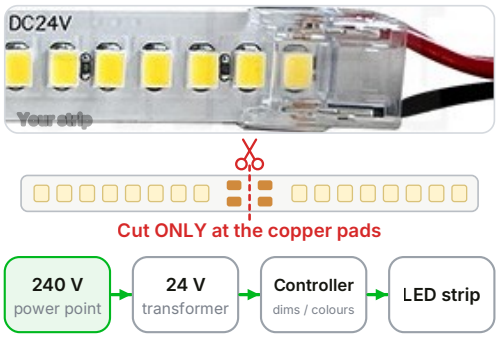
- 1 × 12 W/m LED strip in your chosen length and colour
- Double-sided tape already on the back of the strip
- Transformer, controller, remote and channel are separate items (or part of your kit order)

YOU WILL NEED

- Sharp scissors
- Small flat screwdriver
- Clean cloth and alcohol wipe
- Aluminium channel with diffuser (recommended)

BEFORE YOU START

- Measure the run. Keep it to 5 m from one end, or 10 m if you feed power to both ends.
- Size the transformer: the strip's watts are 12 W × metres – keep the load under 80% of the transformer rating. Example: 5 m = 60 W, so use a 100 W transformer; 10 m = 120 W needs 240 W.
- Plan where the transformer goes – near a power point (plug-in) or ready for your electrician (hard-wired).
- Clean and dry the mounting surface or channel.



STEP BY STEP

1. Switch off and unplug the transformer.
2. Lay the strip out and check the length. If you need to shorten it, cut only on a marked cut line.
3. Peel the tape backing a little at a time and press the strip into the channel or onto the surface. Press on the strip edges, not on the LEDs.
4. Clip the diffuser cover onto the channel for a smooth, dotless line of light.
5. Connect the strip's red (+) wire to + and black (–) wire to – on the transformer, or on the controller output if you use one.
6. For runs over 5 m (up to 10 m), run a second pair of wires from the far end back to the same transformer, + to + and – to –.
7. Plug in the transformer, or have your electrician hard-wire it. Turn on and check the light is even along the whole run.

SETTINGS & USE

- To dim: fit a 2-in-1 controller between the transformer and the strip, then press SET until its light is red (single colour).
- Standard controller: link a 2.4 GHz dimming remote – power off 10 seconds, on, then press zone ON 3 times within 3 seconds. Smart controller: use the Tuya Smart / Smart Life app, Alexa or Google Home.

DO NOT

- Don't connect the strip straight to 240 V – it will burn out.
- Don't run more than 5 m from one end without feeding the other end.
- Don't fold the strip sharply or bend it across the LEDs.
- Don't overload – keep the load under 80% of the transformer rating.

CARE & TROUBLESHOOTING

- Wipe with a soft, dry cloth only.
- Far end dimmer or a different colour? Feed power to both ends or use shorter runs.
- Strip not lighting? Turn off and check + goes to + and – goes to –.

Installation: Greenhse recommends that every product is installed by a licensed electrician to AS/NZS 3000 and local rules. Any work on 240 V wiring must be done by a licensed electrician. Incorrect installation can be unsafe and may void the warranty. **Warranty:** 2 years limited (excludes physical damage). Keep your invoice and the electrician's certificate of compliance. Questions? Call (08) 9297 2969 or visit greenhse.com.