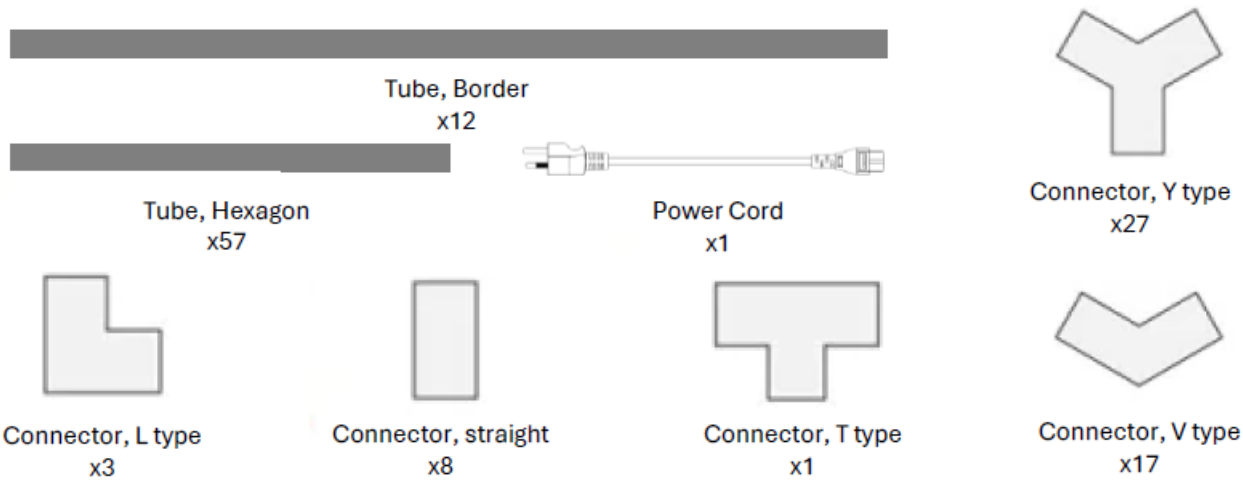
LVL UP Hexagon Lights

Installation Guide

Tools & Materials Required

- Measuring tape
- Pencil/marker
- Spirit level (recommended)
- Drill + suitable drill bits
- Screwdriver
- Step ladder
- Safety glasses (recommended)

In the Box



Specifications

Product	LED Linear Light — fixed, ceiling-mounted luminaire
Supply	100–240 V~ AC, 50/60 HzElectrical class: Class II (double insulated)
Ingress protection	IP20
Intended use	Indoor use only
Light source	Integrated LED module; non-user-replaceable
Maximum ambient temperature	25°C
Supply connection	Fitted power cord or hardwired connection, depending on the supplied configuration

Model Ratings

Model	Rated Power	Supply Dimensions
22PC1175-AU / 22AL1175-AU	16 W	1175 × 23 × 35 mm
22PC565-AU / 22AL565-AU	8 W	565 × 23 × 35 mm
22PC440-AU / 22AL440-AU	6 W	440 × 23 × 35 mm

Important Information

General Note

This DIY Kit can only be installed in suitable circumstances. Please read this section before you start.

These lights are designed to run from a standard 240V plug via the included power supply/driver and are suitable where you can power the kit from an existing standard outlet.

If you want to perform any of the below, a licensed electrician is required:

- Hardwiring into mains
- Adding a new outlet
- Modifying existing fixed wiring
- Working inside a switchboard, junction box, or ceiling wiring

Liability Notice

Installation is performed at the customer's own risk. You are responsible for ensuring your mounting method and electrical supply are safe and compliant. If unsure, use a licensed electrician

Please note that it is illegal to perform fixed electrical work without a license in Australia. Do not attempt to hardwire this product by yourself as you risk fires, electrocution, serious injury, and fines.

General Safety

- Install in a dry, indoor area only.
- Keep the power supply/driver away from water and ensure it has ventilation (do not cover).
- Use a stable ladder and have a second person assist for larger layouts
- Always turn power off at the outlet before connecting/disconnecting.

Preparation

Installation Overview

Because every customer's ceiling/wall is different, mounting hardware must be selected and bought separately. You will generally be installing one of these ways:

1) Direct mount to timber/structure
2) Mount to plasterboard/drywall using rated anchors (only if suitable)
3) Wire-rope suspension (hanging installation)

Before You Start

1) Choose the location: ceiling or wall, and ensure the surface is clean and stable.
2) Check power access: confirm the power lead can reach your outlet without tension.
3) Lay it out on the floor first: assemble the pattern on the ground to confirm
    - The design looks right
    - You have the correct connectors
    - The power lead position makes sense

Ground Test

1) With the layout assembled on the ground, connect the power supply/driver
2) Plug into a standard 240V outlet.
3) Confirm:
    - All sections illuminate
    - No flickering
    - All connectors feel seated correctly
4) Turn off and unplug before moving to installation.

Connector Tip

If a connector feels tight: do not force it. Gently wiggle it into place and try again. If it's still tight, rotate the piece 180° and try the other side. It should slide together smoothly like LEGO when aligned correctly. Forcing connectors can damage the connector or light bar.

Step 1: Measure & Plan Your Layout

What to do:

1) With help, hold the assembled layout up to the ceiling/wall.
2) Mark:
    - Outer corners of the design
    - Key fixing/suspension points (joints + long runs)
3) Use a level to ensure the layout is straight.

Step 2: Install Your Chosen Mounting Hardware

What to do:

1) Select the correct fixings for your surface (see “Mounting hardware”).
2) Drill pilot holes where required.
3) Install your fixings/anchors.
4) Do a quick test-fit on one section before mounting the full layout

---

Step 3: Assemble and Mount/Suspend the Lights

What to do:

1) Start from the section closest to the power lead.
2) Connect bars using the correct connector type.
3) Mount/suspend each bar/section using your chosen hardware as you go.
4) Keep wiring tidy and avoid pinching cables at joints.

Step 4: Connect Power and Conduct Final Test

What to do:

1) Plug the light assembly into the power supply/driver.
2) Position the driver so it's supported and ventilated (not hanging by cables).
3) Plug into the wall outlet.
4) Turn on and confirm all sections illuminate.

Step 5: Clean up and Conduct Safety Check

What to do:

1) Re-check all connectors are fully seated.
2) Confirm the frame is secure and level.
3) Ensure cables are not under tension.
4) Ensure the driver is not covered and has airflow.

Other Information

Troubleshooting

If one section is not working:

- Turn power off, reseat the connector, and try again.
- Rotate the piece 180° and try the other side.
- Swap the connector with another to rule out a faulty connector.

If the lights are flickering:

- Check all connections are tight.
- Ensure the power supply connection is fully inserted.
- Nothing turns on:
- Confirm outlet power.
- Confirm the driver is connected to the light assembly.

Care & Maintenance

- Wipe with a dry or slightly damp microfibre cloth.
- Do not use harsh chemicals.
- Keep away from high-pressure water and steam.

Warranty & Support

- LVL UP Hexagon Lights come with 2 years warranty
- If you have any concerns, please contact us with a photo/video so we can best assist you.

Mounting Hardware

Your mounting method matters and you must choose your hardware carefully. Different surfaces will require different hardware for installation. Please also take into consideration that the full kit is roughly 10kg. Your fixings/anchors/suspension points must be rated sufficiently for the surface and install method.

1) Wood / timber (joists, beams, battens):
    - Fasten into solid timber where possible.
    - Pre-drill pilot holes to avoid splitting.

2) Plasterboard / drywall (gyprock):
    - Do not rely on plasterboard alone for heavy or suspended installs.
    - If you can’t hit a joist, use the correct rated wall anchors for plasterboard.

3) Metal roofing / steel structure:
    - You must be confident you are fixing/suspending from a structural point.
    - Use hardware rated for steel/metal and ensure it is suitable for your roof type.
    - If you are unsure where it is safe to suspend from, stop and contact a professional.

4) Wire-rope suspension kits (hanging install):
    - Only suspend from structural points (joists, beams, Unistrut, or other rated structure).
    - Ensure the suspension kit and fixing points are suitable for your roof type.
    - Ensure the frame is level and supported evenly (multiple suspension points).
    - Keep the power supply/driver supported safely (not hanging by cables).

Suspension

These steps apply when using a Light Hanging Wire Kit / Ceiling Suspension Cables with Adjustable Grippers.

When suspension is recommended:

- Pitched roofs: use the wire-rope suspension kit to get the fixture hanging in the air, then do your final leveling/height adjustment at the end.
- Uneven surfaces: suspension makes it easier to level the layout.

Our suspension kit can be bought separately, and includes:

- Suspension cables
- Adjustable grippers
- Ceiling anchors (for the roof)

Suspension Installation Guide:

1) Plan suspension points so the weight is distributed evenly across the design.
2) Mark ceiling points and install the ceiling anchors into structural support where possible.
3) Attach suspension cables to the frame/light layout.
4) Use the adjustable grippers to set an initial hanging height.
5) Once the full layout is hanging, do the final adjustment:
    - Level the layout
    - Set the final height
    - Confirm even support across all suspension points
6) Confirm there is no strain on connectors or wiring once suspended.

Final Safety Check:

- All anchors tight
- All cables seated correctly
- All grippers locked
- Driver secured and ventilated
- Lights tested