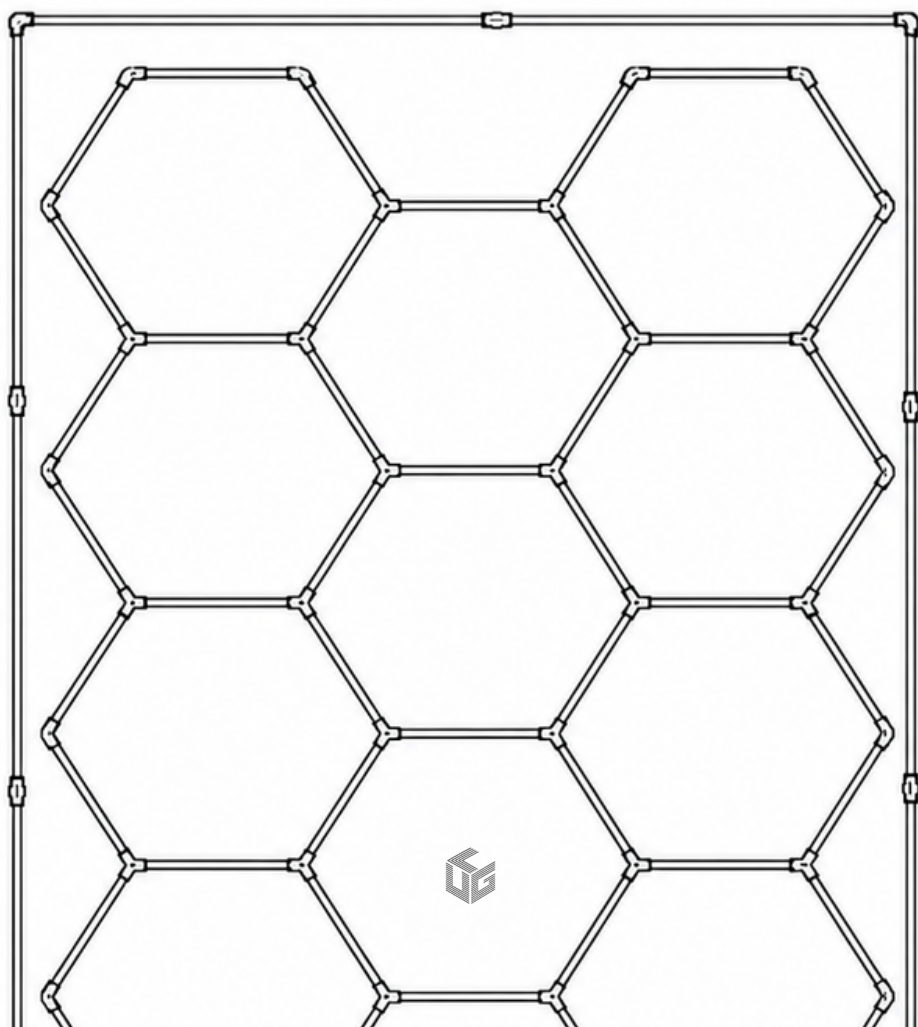


LVL UP GARAGE

HEXAGON LIGHTS

Instruction
Manual

(Dimmable)



In the Box

1 Border Tube (12)

2 Hex Tube (57)

3 Power Cord (2)

4 L Connector (3)

5 T Connector (1)

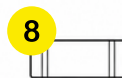
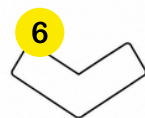
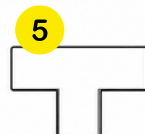
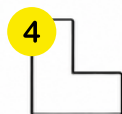
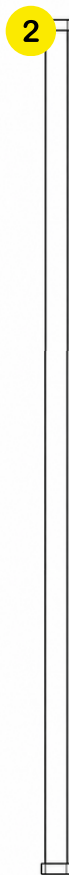
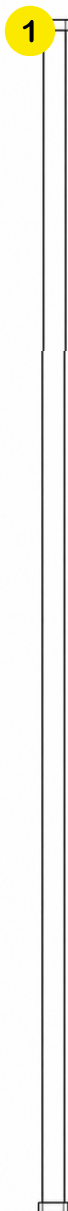
6 V Connector (17)

7 Y Connector (27)

8 Straight Connector (8)

Tools and Materials Required

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



Specifications

Product	LED Hexaon Light
Supply	100–240 V~ AC, 50/60 HzElectrical class: Class II (double insulated)
Light Source	Integrated LED module; non-user-replaceable
Intended Use	Indoor use only
Ingress Protection	IP20
Max. Ambient Temperature	25°C
Supply Connection	Fitted power cord or hardwired connection, depending on the supplied configuration

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

Important Information

General Note

This DIY Kit can only be installed in suitable circumstances. 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.

Ensure to:

- 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
- Turn power off at the outlet before connecting or disconnecting

A licensed electrician is required if you are:

- 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, consult a licensed electrician

Please note that it is illegal to perform fixed electrical work without a license in Australia. Hardwiring this product by yourself may result in fires, electrocution, injury, and/or fines.

Preparation

Installation Overview

Every customer's ceiling/wall is different, mounting hardware must be selected and bought separately. Generally, installation is done by:

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

Before You Start

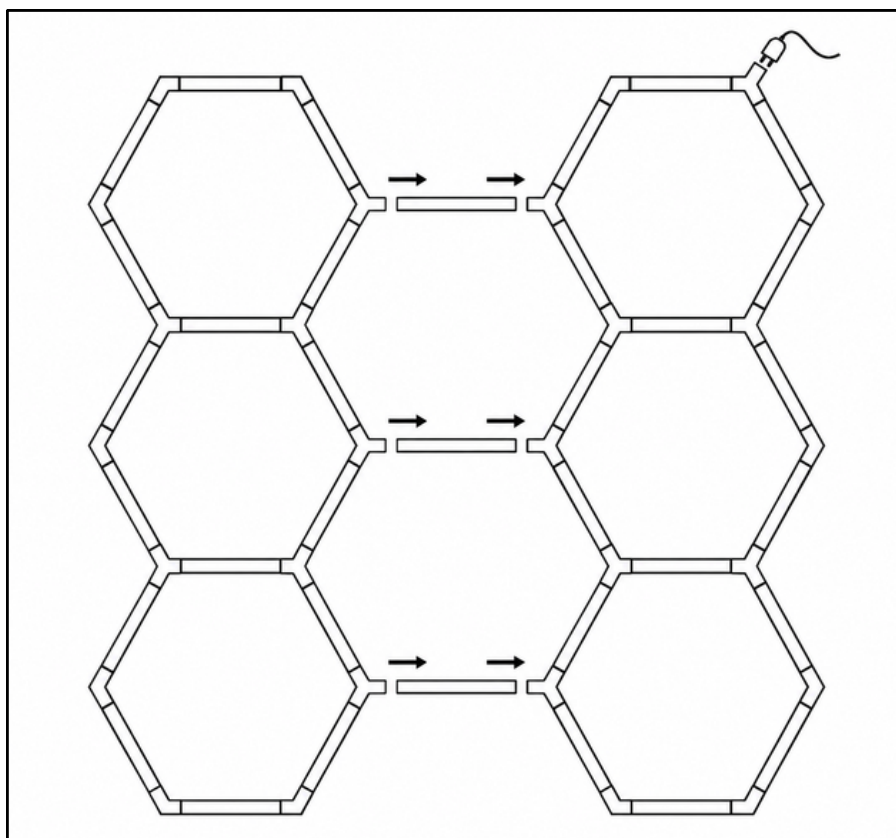
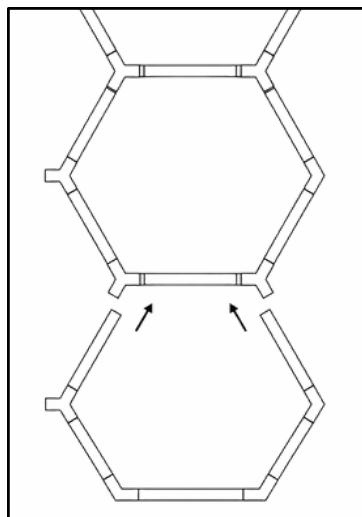
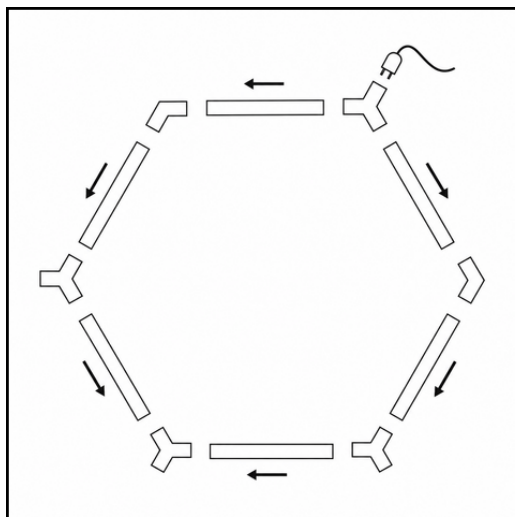
1. Choose the location and ensure the surface is clean and stable.
2. Check power access and confirm the power lead can reach your outlet without tension.
3. Assemble the pattern on the ground to confirm
 - The design looks right
 - You have the correct connectors
 - The power lead position makes sense

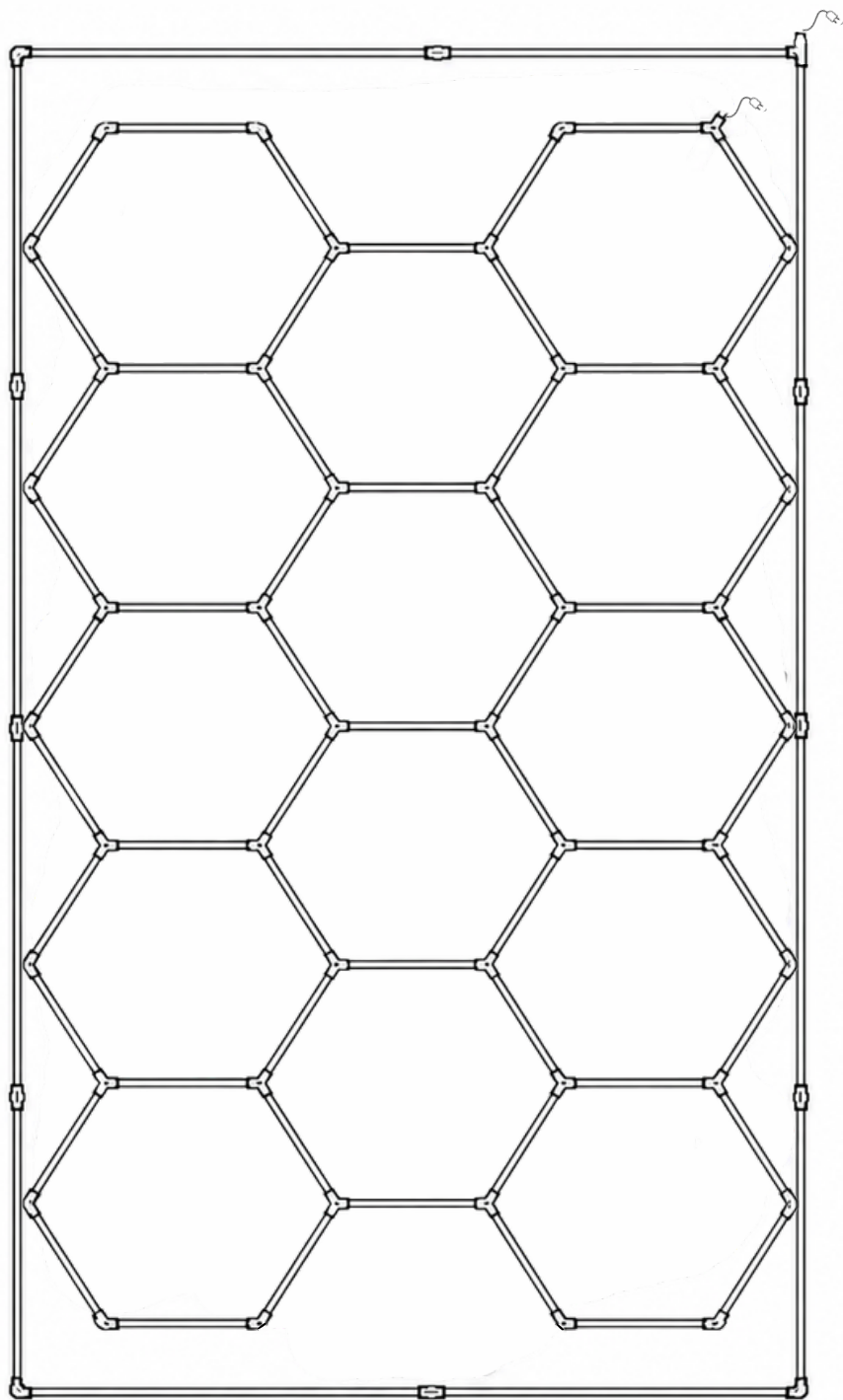
Ground Test

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.





Suspending

Step 1

Plan multiple suspension points so the weight is evenly distributed across the frame. Suitable structural mounting points include:

- Timber joists
- Steel beams
- Unistrut
- Structural ceiling supports

Never suspend from plasterboard alone.

Step 2

Install ceiling anchors into structural members. Check every anchor is secure before lifting the light assembly.

Step 3

- Attach the suspension cables to the light frame.
- Lift the frame into position and connect each cable to the ceiling anchors.
- Set an approximate height using the adjustable grippers.

Step 4

Once fully suspended:

- Adjust cable lengths
- Level the frame
- Set final hanging height
- Confirm weight is evenly shared across all suspension points
- Ensure no connectors or cables are under strain.

Step 5

Connect the light assembly to the supplied driver.

Ensure the driver is:

- Fully supported
- Well ventilated
- Never hanging by the power cable

Plug into a standard 240V outlet.

Mounting

Step 1

With assistance, hold the assembled layout against the ceiling or wall.

Mark:

- Outer corners
- Key fixing points
- Long light bar sections

Use a spirit level to ensure the layout is perfectly straight.

Step 2

Choose fixings suitable for your surface.

Examples include:

- Timber screws into joists or battens
- Rated plasterboard anchors
- Metal roofing screws into structural steel

Install all required anchors or screws before mounting the lights.

Step 5

Starting closest to the power lead:

- Connect each light bar using the correct connector.
- Mount each section as you work.
- Keep all cables neat.
- Avoid pinching wiring between light bars.

Do not force connectors. If one feels tight, rotate the bar 180° and try again.

Step 4

Connect the light assembly to the supplied driver.

Ensure:

- Driver is fully supported
- Driver has adequate ventilation
- Driver is not hanging by its cables

Plug into a standard 240V outlet.

Final Check

- Plug the light assembly into the power supply/driver.
- Position the driver so it's supported and ventilated (not hanging by cables).
- Plug into the wall outlet.
- Turn on and confirm all sections illuminate.
- Re-check all connectors are fully seated.
- Confirm the frame is secure and level.
- Ensure cables are not under tension.
- Ensure the driver is not covered and has airflow.

Dimmable Control

- This is a 3-stage dimmable light set: 20%, 50% and 100%.
- Adjust between the 3 brightness settings by simply switching the lights OFF and ON at the wall switch.

Care Information

Troubleshooting

If one section is not working:

- Turn power off, reseal 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.

