



Acupanel® Glow LED Light Strips

Instructions & Technical Sheet

Glow LED Light Strips (2-pack/ 4-pack)

Glow LED Light Strips Decorative 6-pack

Contact us

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Acupanel® Glow LED Light Strips

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Acupanel® Glow LED Light Strips

Let your walls shine with our innovative Acupanel® Glow LED Light Strips, designed specifically for seamless integration with the Original Acupanel® acoustic wall panel range. These lights fit perfectly between the slats, appearing almost invisible when off, while delivering stunning illumination when on.



Fits snug between the slats

Designed to fit the Original Acupanel® Acoustic Panels.



Plug-and-play

Effortlessly create and recreate your ideal lighting with our plug-and-play system.



Customisable

Easily cut to size to customise your design.



Flexible and ultra-light

Ultra-light and user-friendly, ideal for any lighting project.



Fully dimmable

Set the perfect mood with fully dimmable lighting.



Concealed design

Concealed design - invisible when off, a statement when on.



Wi-Fi Compatible

Smart lighting – control from anywhere with your smartphone.

* Designed to fit the Acupanel® Wood Slat Panels, Acupanel® Colour Slat Panels, Acupanel® Fire-Rated 31mm Slat Panels, Acupanel® Stone, Acupanel® Metal, and the Drew & Jonathan Home Acoustic Slat Panel collection.

The lights are **not** designed to fit the Acupanel® Luxe, Acupanel® Fire-Rated Luxe 40mm Slat Panels, or the Plaank® Exterior panels.



Please read instructions **in full**
before cutting and installing.

**Failure to do so could result in a
error that voids the warranty.**

For any questions, please call customer
service: +44 (0)1525 851 166

Setting up your lights

2-pack/ 4-pack

▶ Watch Installation video

01 Unbox all components.



Take items out of the box and ensure that all pieces shown above are included.



LED strips will be boxed individually and wound up in a coil. Carefully unwind each LED strip and lay on a flat surface.

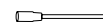


Small ripples in the silicone is normal when first unrolled.

Caution: Handle carefully to avoid bending or twisting the LED's. A large dark spot could appear if damaged (shown below).

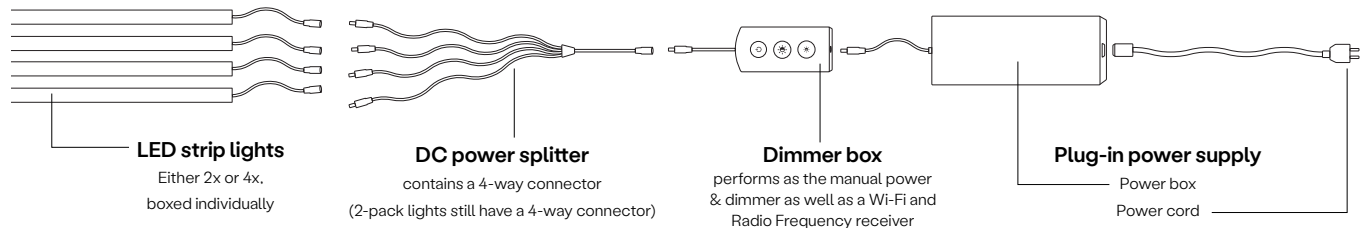
02 Connect pieces as shown.

6x silicone end caps (optional)
to cover cut ends of LED strip



DC extension cable - extra piece

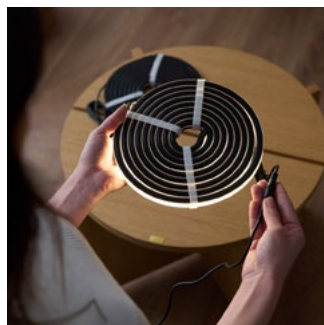
This is an extra female connector piece that might be included from the manufacturer. It is not need for this product, so if it's in the box, feel free to discard after your lights are set up completely.



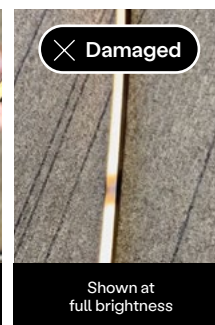
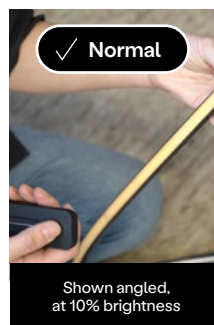
03 Test the electrical components.

⚠ **Before cutting or installing:** check to see if there are issues with your lights.

If you notice any damage, please contact our customer support team at +44 (0)1525 851 166 so we can assist with any issues. **Cutting your lights will void the warranty.**



Use the Wi-Fi Adapter to manually power and dim the lights without use of the app or remote control.



Check all lights. It is normal to see some smaller, faint dark spots as the lights are unrolled and flattened for the first time. A large, dark spot indicates a light is damaged.

⚠ **Warning:** Never connect LED strips directly to a 240V main voltage **or** directly to a wall outlet - this could cause harm and is a fire risk.

Warning: Do not connect more than 2x 12ft LEDs to the provided transformed at any time. This is to prevent an electrical system overload.

Setting up your lights

Decorative 6-Pack

▶ Watch Installation video

01 Unbox all components of your Decorative Light Strip pack.



Take items out of the box and ensure that all pieces shown above are included.



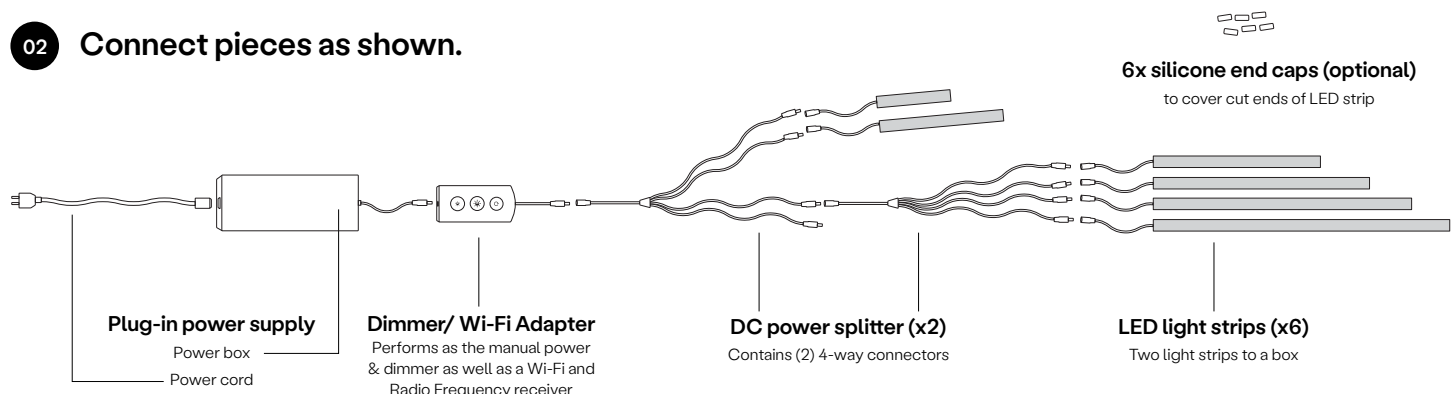
Each white box will contain two light strips, wound up in a coil. Carefully unwind each LED strip and lay on a flat surface.



Small ripples in the silicone is normal when first unrolled.

Caution: Handle carefully to avoid bending or twisting the LED's. A large dark spot could appear if damaged (shown below).

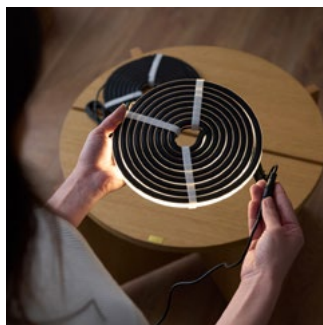
02 Connect pieces as shown.



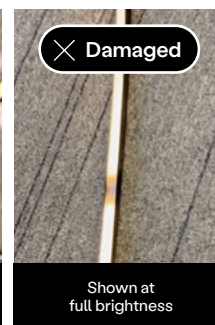
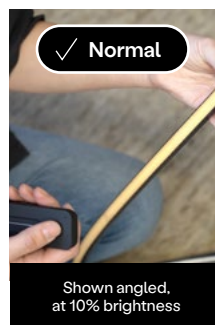
03 Test the electrical components.

⚠ **Before cutting or installing:** check to see if there are issues with your lights.

If you notice any damage, please contact our customer support team at +44 (0)1525 851 166 so we can assist with any issues. **Cutting your lights will void the warranty.**



Use the Dimmer/ Wi-Fi Adapter to manually power and dim the lights without use of the app or remote control.



Check all lights. It is normal to see some smaller, faint dark spots as the lights are unrolled and flattened for the first time. A large, dark spot indicates a light is damaged.

⚠ **Warning:** Never connect LED strips directly to a 240V main voltage **or** directly to a wall outlet - this could cause harm and is a fire risk.

Warning: Do not connect more than 2x 12ft LEDs to the provided transformed at any time. This is to prevent an electrical system overload.

Installing your lights

[Watch Installation video](#)

Tools for installation

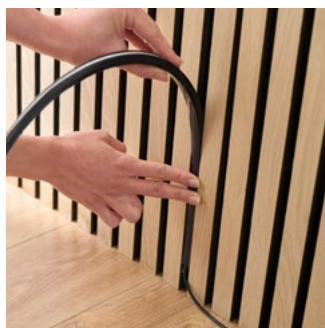
Glow LED Kit Tape Measurer Sandpaper (optional)
Sharp Scissors Power socket

04 Decide how you'd like to hide your wires.



Attaching the strip lights to your slat wood wall panels is quick and easy - no adhesives are required!

Before installing the lights on your panels, please ensure you have checked your box, and have all the components listed on page 4.

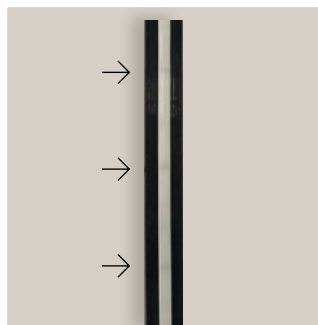


Lay out your lights to plan the placement of the LED strips. Wires along the bottom can be hidden underneath a skirting board, or quickly beneath a rug. Wires along the top can run above and down the side of the panels, or behind the panels if the panels were installed away from the wall with battens.

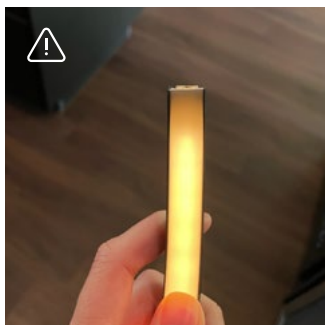


Whether the power cords are at the top or bottom of your panels, make sure you've arranged them so you can reach the Dimmer/ Wi-Fi Adapter box to power your lights and pair a remote (optional.)

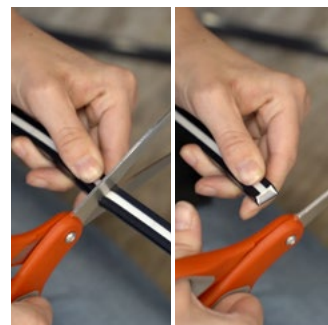
05 Cutting your lights (optional)



After marking where the lights need to be cut, find the dark node that's closest to where you need to make your cut. The dark nodes can only be seen when the lights are off. They are very faint and appear 2.5cm apart. This tells you where it's best to cut.



IMPORTANT: Cutting anywhere other than the specified cutting points could result in a damaged LED, creating a dark spot like above. **It is safe to cut anywhere on the light, but the nodes specify where to make a clean cut.**



Before cutting your lights, unplug the power supply from the wall. Using sharp scissors, carefully cut on a dark node, as straight as possible, completely through the strip. Finish the cut end with a black silicone end cap (supplied in box).

Installing your lights continued

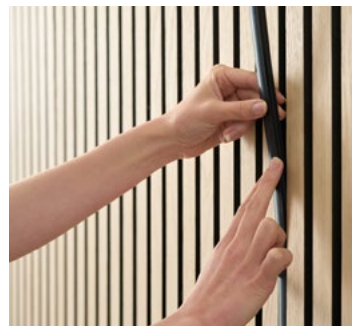
06 Installing your lights



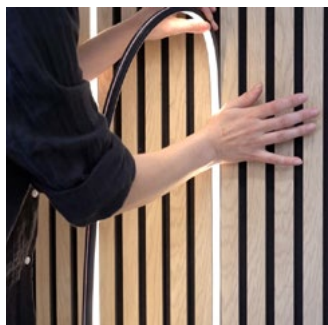
Finish the cut end with a black silicone end cap (supplied in box).



With the white strip on the LED light facing the felt, start pushing your first light strip into the slot gap, starting from the bottom edge of your panel.



Use your hand to firmly press the strip snugly between the slats until the surface of the lights are exactly flush with the surface of the slats.



If your panel has a wood veneer, we advise against rubbing your hand along the surface, to avoid splinters. Simply press a small section in at a time with your palm or thumb.



Continue pushing the LED strip into the slot gap, and repeat for as many strips as you wish to fit.

Care and maintenance

Wipe clean with a dry cloth. Do not get in direct contact with water.

If you have acoustic wood slat panels, and the veneer splinters as you remove the lights, you can smooth by sanding lightly with a fine sandpaper. You can also use a wood filler to replace any chips in the veneer.



Safety: For indoor use only. For use in environments greater than -10°C (14°F). **Caution:** Risk of electric shock. Turn off power before inspection, installation, or removal. Do not get in contact with water. **Warning:** NEVER connect LED strips directly to a 240V mains voltage or directly to a wall outlet - this will cause irreparable damage and is a fire risk.

Pairing to the remote control (optional)

Included in Remote Control box (sold separately)

1 x Remote Control

1 x CR2032 Coin Battery

1 x Magnetic Holder

2 x Screws to afix magnetic holder to wall (optional)

1 x Adhesive patch to install magnetic holder to wall. We do not recommend adhering the holder onto the panel surface, as this can damage the finish if removed.

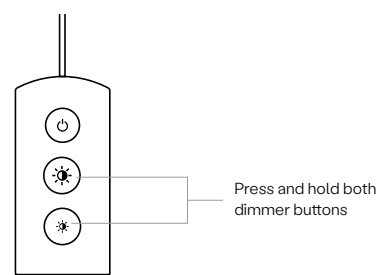
Pairing the remote control

1. Insert one CR2032 coin battery (included).
2. On the dimmer/Wi-Fi Adapter box, press and hold **both** brightness buttons at the same time for 3 seconds. The LED light will blink once to show that it's ready to be paired.
3. Immediately press the power button on your remote control. The LED strip lights will flash three times to show that it's paired. You have a 10 second window to pair the device before you need to press the two buttons on the dimmer box again. If it does not pair, repeat the process.

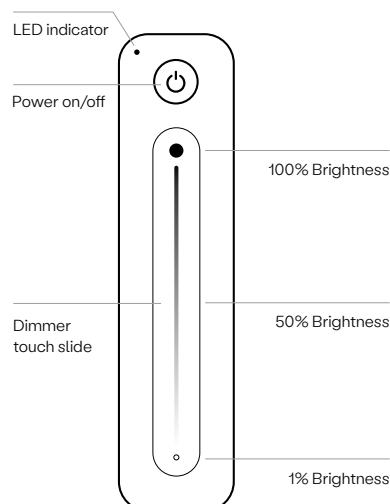
To delete the pairing, repeat Step 2, but hold buttons for 8 seconds instead of 3.

The remote control can be paired to multiple LED light switch receivers. Repeat process for other LED lights strips.

Dimmer/ Wi-Fi Adapter Box



Remote Control



Pairing to your smartphone (optional)

Tools needed

Wi-Fi Router (2.4Ghz)

Wi-Fi password

Smartphone

Smart Life app

Smart Life app

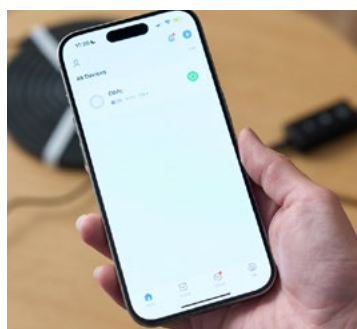
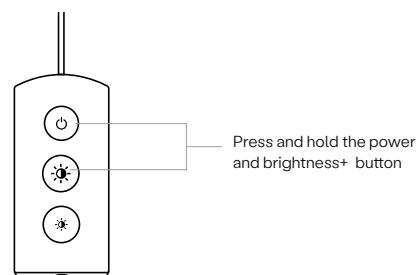


*Smart Life is a third party app, so app is subject to change.

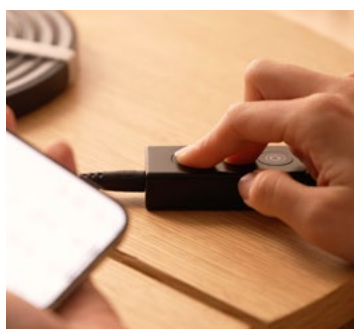
Download the Smart Life app (links above). If you already have an account, log in. If you do not have an account, choose “sign up”. Creating an account is free.

Before adding a device, make sure your smartphone's Bluetooth is switched on and enabled for your Smart Life app. You may get a notification asking to allow Bluetooth. In this case, click “yes”.

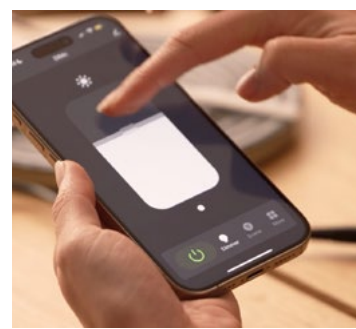
Wi-Fi Dimmer Box



Select the “+” or “Add Device” in the app. The device will appear as “DIMC”. The app will prompt you to enter your Wi-Fi password.



On the Wi-Fi Adapter/dimmer box, press and hold both brightness+ buttons at the same time for 5 seconds. The LED strip lights will flash five times to show that it's ready to be paired.



The lights will appear within the app and are ready to connect. The app can be paired to multiple LED light switch receivers and can be named and controlled individually. Repeat process to add other LED lights strips.

Product FAQs

What comes in the box?

Acupanel® Glow LED Light Strips come pre-boxed with everything you need for setup. Please see our installation guide here for all details on setup.

Does the Acupanel® Glow LED Light Strip pack come with a remote?

The remote control does not come in the LED light pack, however can be purchased separately here.

Do I need a remote control to operate the LEDs?

No, the remote control is not required to operate the Acupanel® Glow LED Light Strips. A dimmer box is included and can be used as a power-on/off switch. Alternatively, you can download the SmartLife app and control your lights with your smartphone.

Which panels do the Acupanel® Glow LED Light Strips fit?

Acupanel® Glow LED Light Strips are designed to fit the original Acupanel® range, including Acoustic Slat Wood, Acoustic Slat Colour, Acoustic Metal, and Acoustic Stone. The Drew and Jonathan Home™ Grainmatch panelling is also fully compatible with the LED lighting. View all LED-compatible panels here.

Are the LED lights dimmable?

Acupanel® Glow LED Light Strips are fully dimmable. Dimming can be controlled via your smartphone or our optional wireless remote control (sold separately). It can also be controlled manually with the supplied dimmer switch.

Do the LED lights come in a warm or cool tone?

The Acupanel® Glow Flexible LED Light Strips have a warm tone. If you are looking for alternate light colours, we recommend looking at the Glow RGB collection, which comes with 24 preset lighting hues.

Do the LED light strips come in longer lengths?

Acupanel® Glow LED Light Strips are available in 240cm and 300cm lengths, as well as the pre-cut 6-pack to create any design you desire. The lights can also be cut to size with scissors to fit any panel configuration.

Are the lights compatible with smart home systems?

Acupanel® Glow LED Light Strips are compatible with most smart home systems, allowing you to control the lighting using your smartphone, voice commands, or through an app. Please check the product installation instructions for details on compatible systems.

Can the Glow LEDs be used without smart devices or Wi-Fi?

Yes, Acupanel® Glow LED Light Strips can be controlled without a smartphone or Wi-Fi. Wi-Fi is only required if you choose to control your lights via the Smartlife app. The lights can be controlled with the supplied dimmer switch or with the remote control (sold separately).

How do I install the lights?

Installation is quick and easy, with the LEDs being as simple as pushing into place! The Acupanel® Glow LED Light Strips are designed to fit between the slats of the original Acupanel® Acoustic range, without tools or adhesives. Please see our installation guide here for all details on setup, including the correct way to attach all the wires.

Can I cut down the Glow LED strip lights?

Yes, you certainly can cut your LED light strips to fit your panel height! Before cutting your lights, make sure you unplug the power supply from the wall. You can quickly cut the lights to size using scissors. Look for the dark nodes that appear about every 2.5cm of the LED strip and simply cut as required. Use the supplied black silicone end caps to finish off the top. For further cutting instructions, please refer to our installation guide linked here.

Can I install the LED lights in a kitchen or bathroom?

Acupanel® Glow LED Light Strips can be installed in a kitchen or bathroom, but must be installed away from water, heavy steam, and extreme heat sources.

Can the LED strips be used outside?

The Acupanel® Glow LED Light Strips are designed for interior use only.

Can I connect multiple LED strip packs to one remote?

Yes, multiple LED strip packs can be used and synced with a single remote control to ensure a consistent, uniform lighting effect across your entire slat wall installation. Please note that you would need to use each kit's dedicated splitter and power unit to prevent an electrical overload - connecting multiple onto one socket will pose a fire risk.

What do I do if I have plug sockets, windows or other items to install around?

You can cut the lights to the size you need to install around such items. For further cutting instructions, please refer to the installation section of this guide on [page 7](#).

More FAQs →

Product FAQs continued

Do you deliver the lights?

We do! Any delivery charges are calculated at checkout. You can also collect the lights directly from our warehouse in Leighton Buzzard.

What is your returns policy?

You can return unused lights within 30 days of delivery. For our full delivery and return policy, please click [here](#).

What is the warranty on the Glow LEDs?

This product has a 2-year warranty. If you cut the LED lights after purchasing, please note that the warranty will be void and we won't be able to offer a refund. If you have any questions about the lights before installing them or encounter a defective product, please reach out to our customer service team – we're here to help!

Troubleshooting (post-purchase)

LED Strip does not light up:

Check for any loose connections in the cables. Make sure all your connections on the power supply are tight, and that the power cord is plugged into the wall socket.

Wood veneer is splintering:

If you have Slat Wood Wall panels, and the veneer splinters as you install or remove the lights, you can smooth by sanding lightly with a fine sandpaper. You can also use a wood filler to replace any chips in the veneer.

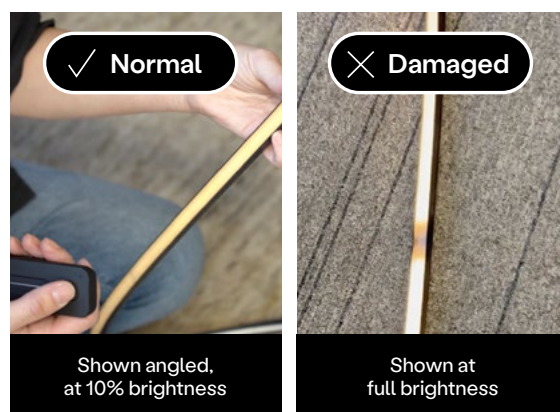
Remote not controlling LED lights:

Check that the coin battery was inserted into the remote the correct way.

If you haven't already gone through the steps to pair your remote with your lights, please see page 7 to set up your remote control.

Dark spots visible at low setting:

Some small, faint dark spots are normal with LED lights, especially when they are first unrolled and flattened. However, a large dark spot indicates a damaged section of the LED light. If you believe you received a defective product, please reach out to our customer service team.



LED casing looks wavy after unwrapping the lights:

Small ripples in the silicone is normal when first unrolled. We recommend flattening the lights out to allow them to settle for a few hours to make it easier to install.

LED strip is flashing:

If your LED strip is flashing in a regular, consistent sequence (e.g., on for 1 second, off for 1 second, then on for 1 second again), then your power supply is overloaded. This means you have exceeded the maximum wattage of the power supply by connecting too many LED strips.

You will need a larger power supply to handle the full wattage of the LED strip or reduce the number of LED strips.

LED Strip has sections that do not light up:

If you have any part of your LED that does not light up, switch the power off and lay the LED out flat for a few minutes. If there are still sections of the LED that do not light up when you power it back on, please contact our customer care team.

Twisting, standing on and excessive bending, can damage the LEDs. Please handle your new lighting with care to avoid damage.

If the LED stops working due to being cut incorrectly, the manufacturer warranty is voided, but please still contact our care team, who can advise you of the best next steps to take.

There is a random 7-8cm cable that came in my box but I can't figure out what it goes to.

This is a DC extension cable. It's an extra female connector piece that might be included from the manufacturer. It is not need for this product, so if it's in the box, feel free to discard after your lights are set up completely.



If troubleshooting does not work, or you are having any other issues that our troubleshooting section cannot solve, please give our customer service team a call for additional support.

Dimensions & technical drawings

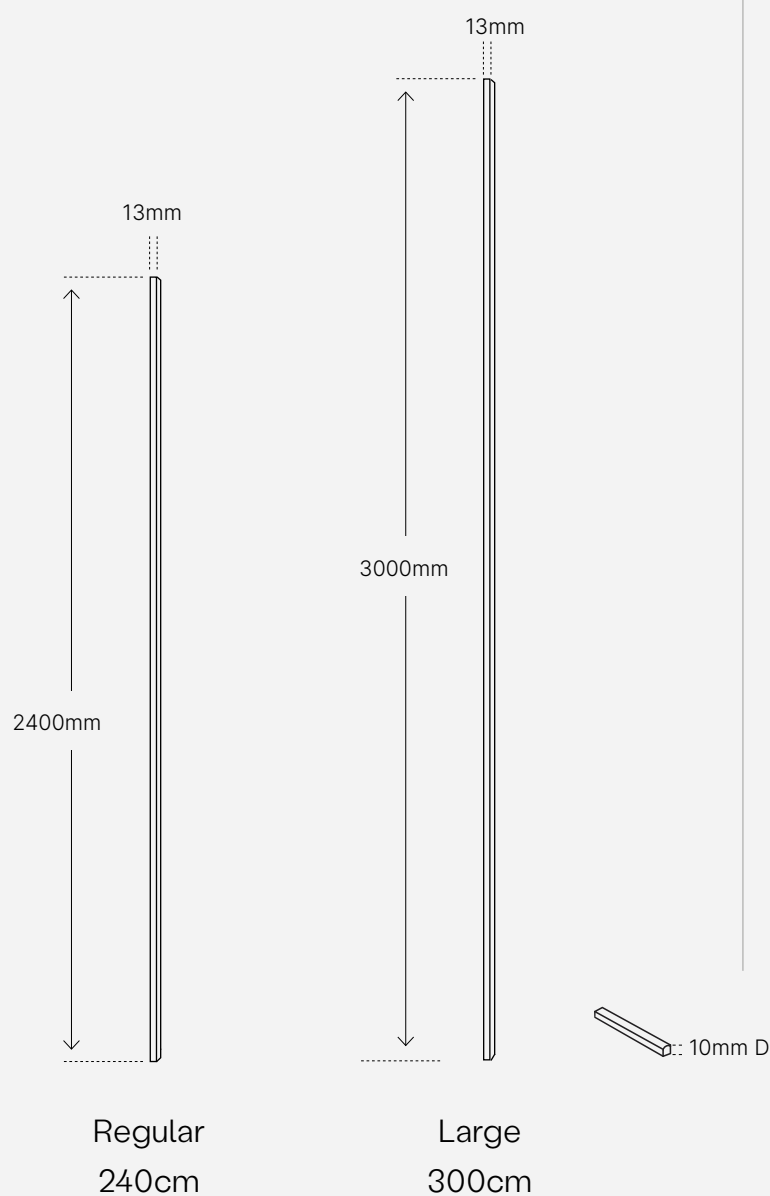
2-pack/ 4-pack

Product	Material	Dimensions per LED light	Weight per LED light	Weight per pack
Acupanel® Glow LED Light Strips 2.4m (2 Pack)	- Flexible PVC - LED strip - Silicone	2400 (L) x 13 (W) x 10 (D)	0.34kg	1.65kg
Acupanel® Glow LED Light Strips 2.4m (4 Pack)	- Flexible PVC - LED strip - Silicone	2400 (L) x 13 (W) x 10 (D)	0.34kg	2.4kg
Acupanel® Glow LED Light Strips 3m (2 Pack)	- Flexible PVC - LED strip - Silicone	3000 (L) x 13 (W) x 10 (D)	0.43kg	1.79kg
Acupanel® Glow LED Light Strips 3m (4 Pack)	- Flexible PVC - LED strip - Silicone	3000 (L) x 13 (W) x 10 (D)	0.43kg	2.88kg

Dimensions & technical drawings

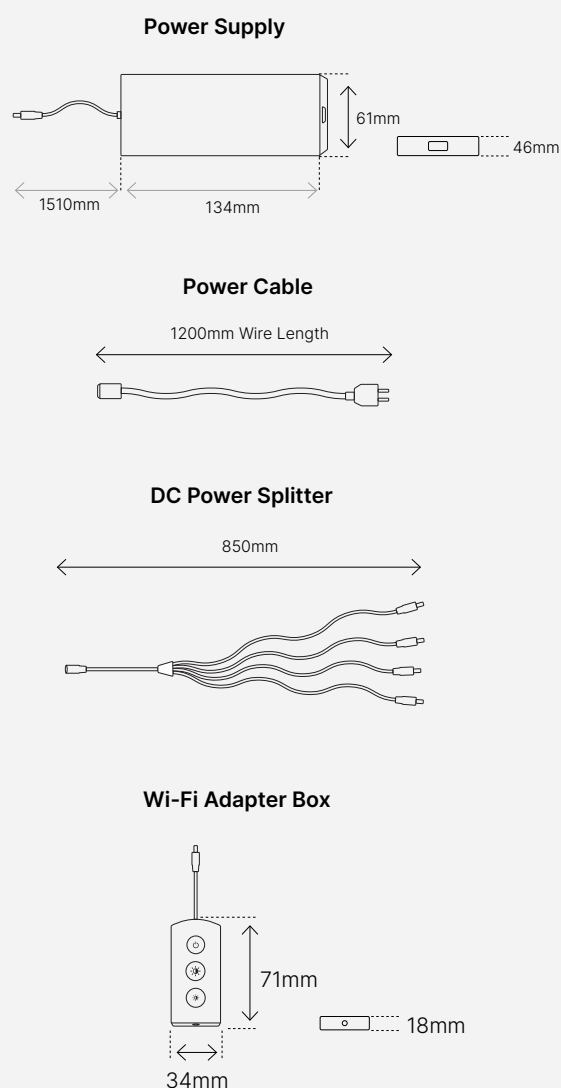
2-pack/ 4-pack

Dimensions for Light Strips (2-pack/4-pack)



Dimensions for Power Supply, Cables, & Wi-Fi Adapter/Dimmer

* Illustration is a quick reference only and does not depict proper proportions for cables. Please use dimensions listed.

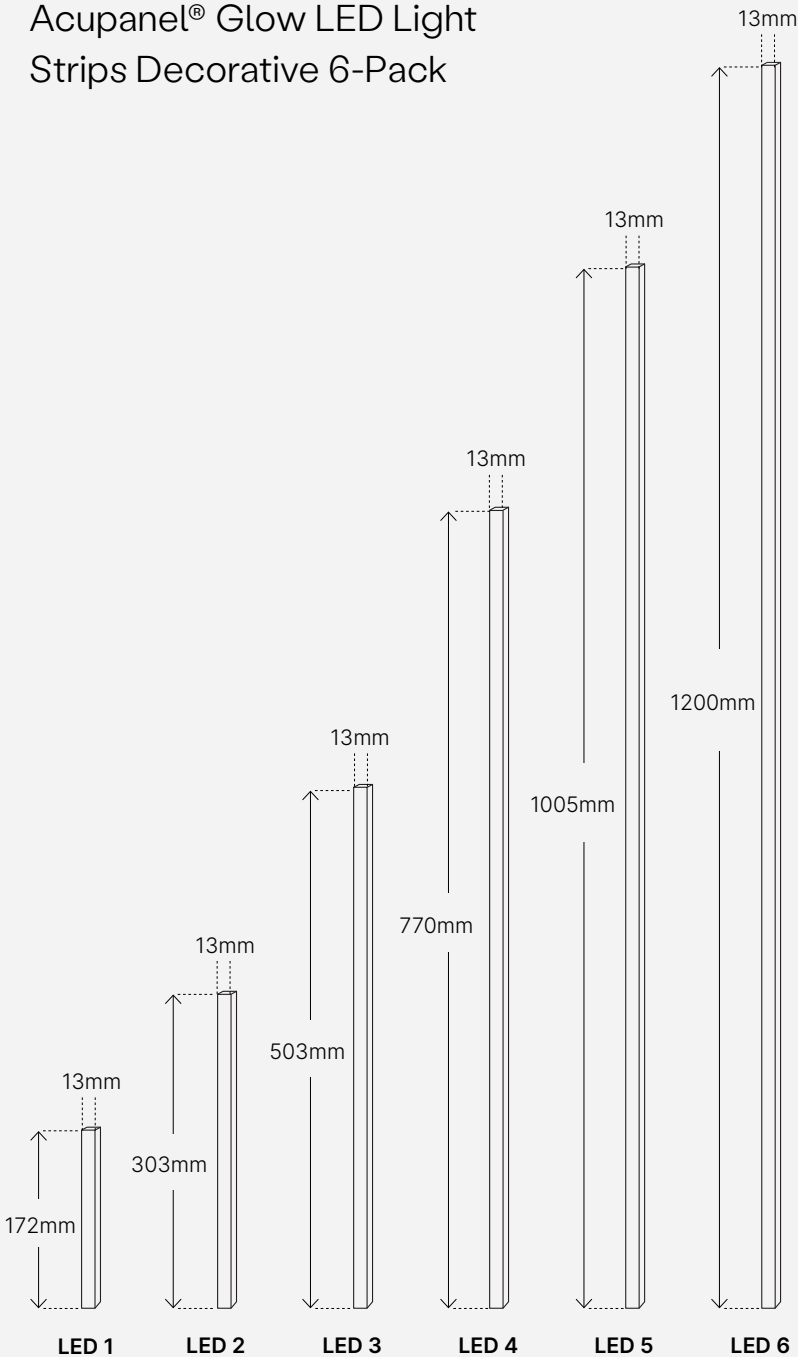


Dimensions & technical drawings

Decorative 6-Pack

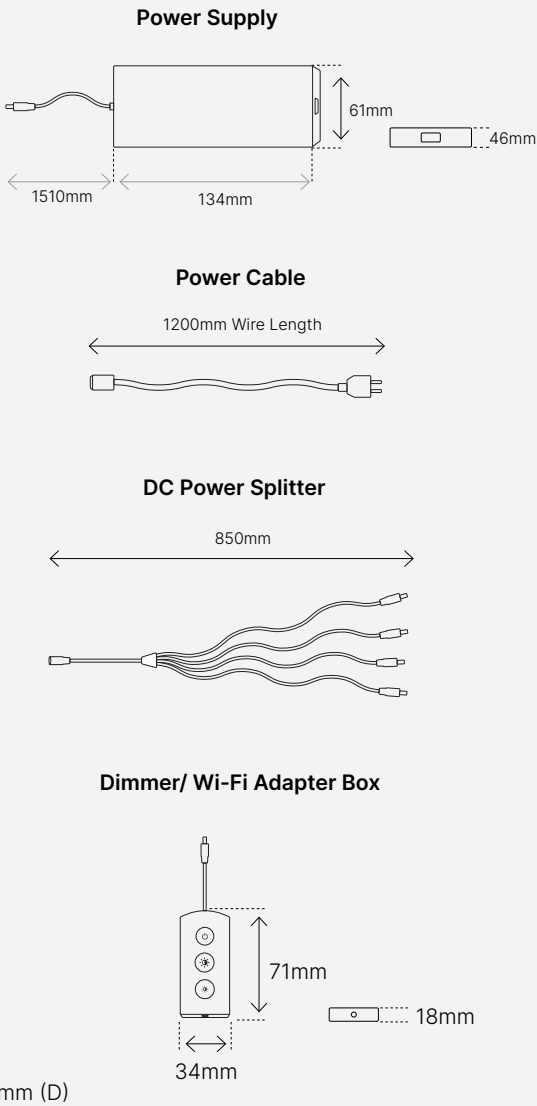
Product	Material	Dimensions per LED light (mm)	Weight (kg)	
Acupanel® Glow LED Light Strips	- Flexible PVC	LED 1: 172 (L) x 13 (W) x 10 (D) 1950	LED 1: 0.069	Power Unit & Lead: 0.562 Adapter: 0.060 Splitter: 0.067 Full Box: 1.939
Decorative 6-Pack	- LED strip	LED 2: 303 (L) x 13 (W) x 10 (D) 1950	LED 2: 0.090	
	- Silicone	LED 3: 503 (L) x 13 (W) x 10 (D) 1950	LED 3: 0.120	
		LED 4: 770 (L) x 13 (W) x 10 (D) 1950	LED 4: 0.160	
		LED 5: 1005 (L) x 13 (W) x 10 (D) 1950	LED 5: 0.195	
		LED 6: 1200 (L) x 13 (W) x 10 (D) 1950	LED 6: 0.226	
		1510 Wire length		

Acupanel® Glow LED Light Strips Decorative 6-Pack



Dimensions for Power Supply, Cables, & Dimmer Box

* Illustration is a quick reference only and does not depict proper proportions for cables. Please use dimensions listed.



Safety, energy and technical information

2-pack/ 4-pack

LED Light and Power Unit Specs

CRI	≥80Ra
Power	11W per meter
Output voltage	24V
Current	5A
Inrush Current	171A
Power Factor	>0.9
IP Rating	IP67
Input Voltage Range	100-240V
Max. Case Temperature	70C
Max. Recommended Load	5A
Warranty	2 years

Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	5-24VDC	Input signal	Tuya APP + RF 2.4GHz + 3 button	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Output voltage	5-24VDC	Control distance	30m(Barrier-free space)	Safety standard	EN 62368-1:2020+A11:2020
Output current	Max. 5A	Dimming level	4096 (2^12) levels	Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Output power	25W@5V	Dimming range	0-100%	Certification	CE,EMC,RED
	60W@12V 120W@24V	Dimming curve	logarithmic	Package	
Environment		PWM Frequency	2KHz (default)	Size	W120 x L43 x H27mm
Operation temperature	Ta -30°C ~ +50°C	Warranty	2 years	Gross weight	0.013kg
Case temperature (Max.)	Tc +85°C	Protection	Over-heat, Short circuit		

All components have been individually tested for conformity and certificates are available on request where required.



Cost and energy information

Estimated energy cost is correct as of time of printing, dated 1st April 2025

Acutpanel® Glow LED Light Strips 2.4m (Cost per strip)

Brightness	Estimated Energy Cost
131.415 lumens	£5.74 per year

Acutpanel® Glow LED Light Strips 3m (Cost per strip)

Brightness	Estimated Energy Cost
164.268 lumens	£7.17 per year

Safety, energy and technical information

Decorative 6-Pack

Safety information

For indoor use only. For use in environments greater than -10° C.

Caution: Risk of electric shock. Turn off power before inspection, installation, or removal.

Do not get in contact with water.

Do not use a charger with more than 5V to charge.

Do not put the Acupanel® Glow LED Light Strips in a flammable or humid place.

LED Light and Power Unit Specs

CRI:	80
Power (wattage):	11W per meter
Power Factor:	0.95
Lumen Output:	1270 lm/m
Current:	5A
Output Voltage:	24V
Inrush Current:	171A
Colour Temperature:	2800K
Dimmer:	External Dimmer Module
Input Voltage Range:	100-240V
IP Rating:	IP67
Max Case Temperature:	70°C
Max. Recommended Load:	5A



All components have been individually tested for conformity and certificates are available on request where required.

Need help? Contact us:



Call customer service:

+44 (0)1525 851 166

Monday – Friday

9am – 5pm



Email customer service:

sales@thewoodveneerhub.co.uk



Use live chat:

thewoodveneerhub.co.uk

(Click the pop-up in the bottom right of the screen)

Monday – Friday

9am – 5pm