



Acupanel® Glow Flexible RGB LED Light Strip

Instructions & Technical Sheet

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Acupanel® Glow Flexible RGB LED Light Strip Pack

Let your walls shine with our innovative Acupanel® Glow RGB LED strip lights, designed for seamless integration with the Original Acupanel® acoustic wall panel range. Engineered to sit perfectly between the slats, these lights remain discreet when switched off, while delivering striking, colourful architectural illumination when in use.



Full RGB colour control

Switch between 24 dynamic colour presets to create the perfect atmosphere.



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.



Concealed design

Almost invisible when off, yet instantly transformative when illuminated.



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

▶ Watch Installation video

01 Unbox all components.



Take items out of the box and ensure that all pieces are included. There will be two white boxes for the 2-pack light strips, and four white boxes for the 4-pack.



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



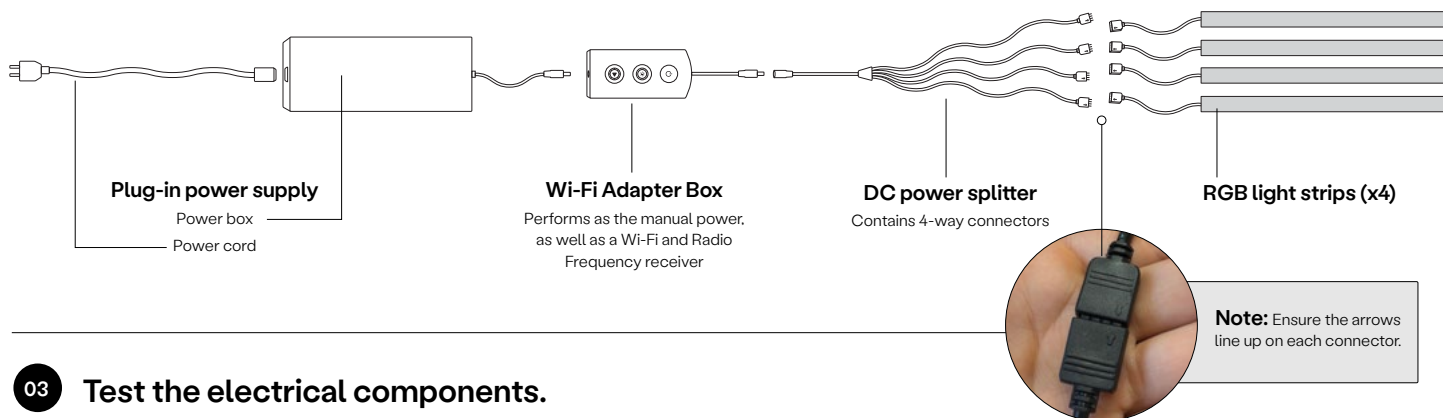
Small ripples in the silicone is normal when first unrolled.

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

02 Connect pieces as shown.



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



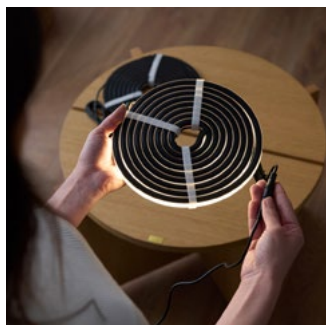
03 Test the electrical components.



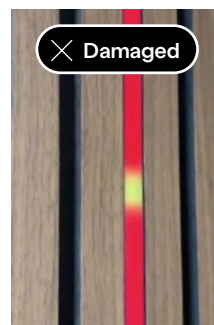
Before cutting or installing:

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 adjust the lights without use of the app or remote control.



Check all lights. It is normal to see some smaller, faint dark spots in LED lights as they are unrolled and flattened for the first time. A large, discoloured spot indicates a light could be damaged. See [page 11](#) for troubleshooting.

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 add more than 2 12ft LEDs should be connected to the provided transformer at any time. This is to prevent an electrical system overload.

Installing your lights

Tools for installation

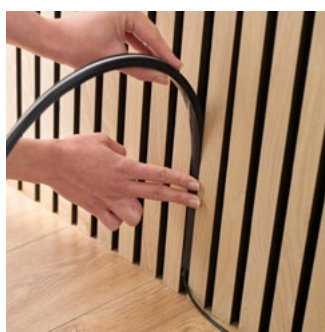
Glow LED Kit	Electrical outlet	Optional, if cutting: Sharp scissors
Tape Measure	Sandpaper, if wood veneer splinters	

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

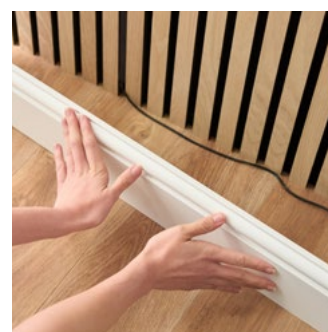
NOTE: These images show the Glow LED Light Strips, but the RGB Light Strips are cut and installed the same way.



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 unpacked everything, and have all the components listed on page 4.

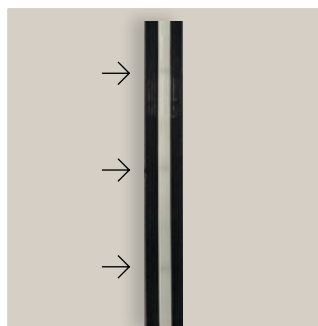


Lay out your lights to plan the placement of the LED strips. Wires along the bottom can be hidden underneath a skirting board, or quickly beneath a rug. Wires along the top can run above and down the side of the panels, or behind the panels if the panels were installed away from the wall with battens.

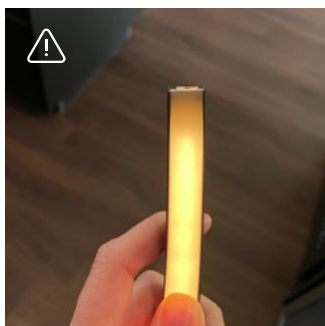


Whether the power cords are at the top or bottom of your panels, make sure you've arranged them so you can reach the Wi-Fi adapter box to power your lights and pair a remote (optional.)

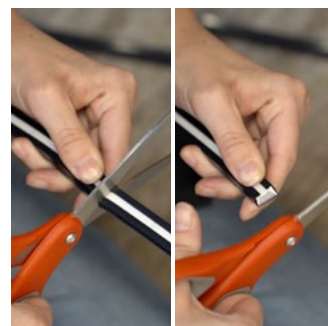
05 Cutting your lights (optional)



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.**

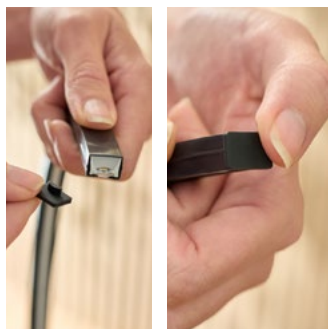


Before cutting your lights, unplug the power supply from the wall. Using sharp scissors, carefully cut on a dark node, as straight as possible, completely through the strip. Finish the cut end with a black silicone end cap (supplied in box).

Installing your lights continued

06 Installing your lights

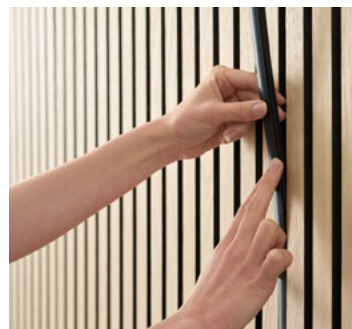
NOTE: These images show the Glow LED Light Strips, but the RGB Light Strips are cut and installed the same way.



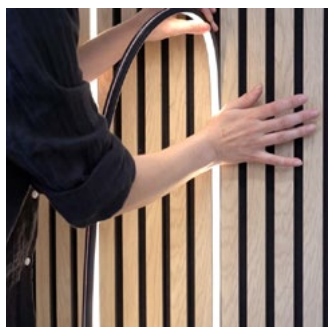
Finish the cut end with a black silicone end cap (supplied in box).



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 Slat Wood Wall 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.



Please note: To protect the longevity of your LED strips, we recommend **not leaving the lights on continuously for more than 4 hours at a time**. Exceeding this may cause the LEDs to burn out prematurely.

Pairing to the remote control (optional)

Included in RGB 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.

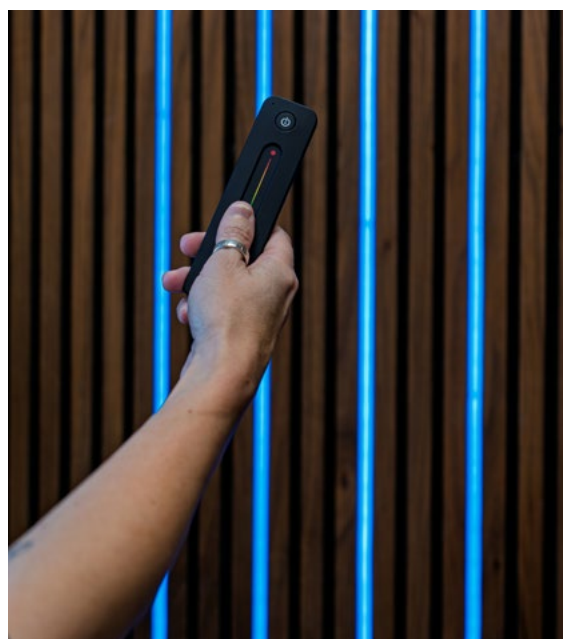
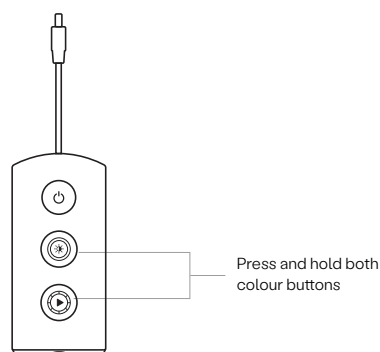
Pairing the remote control

1. Insert one CR2032 coin battery (included).
2. On the Wi-Fi adapter box, press and hold **both** colour buttons at the same time for 3 seconds. The RGB light will blink once to show that it's ready to be paired.
3. Immediately press the power button on your remote control. The RGB 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 Wi-Fi adapter box again. If it does not pair, repeat the process.

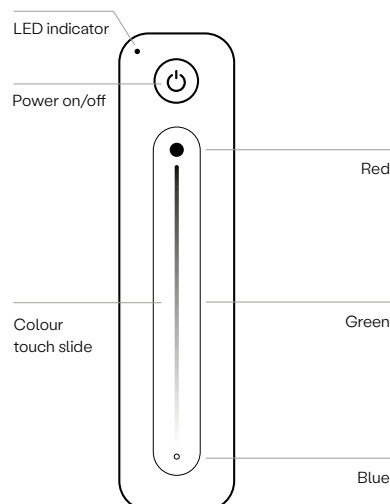
To delete the pairing, repeat Step 2, but hold buttons for 8 seconds instead of 3.

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

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

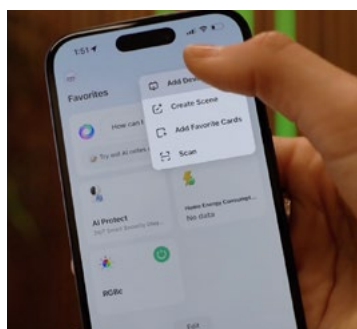
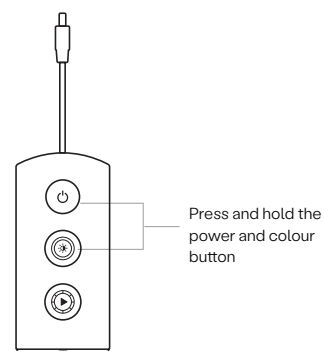


*Smart Life is a third party app, so app is subject to change.

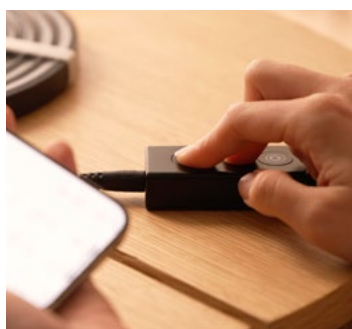
Download the Smart Life app (links above). If you already have an account, log in. If you do not have an account, choose “sign up”. Creating an account is free.

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”.

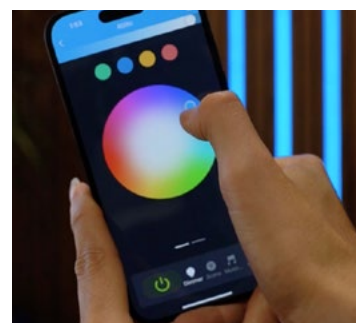
Wi-Fi Adapter Box



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



On the Wi-Fi adapter box, press and hold both colour 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 RGB light switch receivers and can be named and controlled individually. Repeat process to add other RGB lights strips.

Product FAQs

What comes in the box?

Acupanel® Glow RGB LED Light Strips come pre-boxed with everything you need for setup, in either a 2-pack or 4-pack configuration. Please see our installation guide here for all details on setup.

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

The remote control does not come in the LED light pack, however it 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 RGB LED Light Strips. Alternatively, you can download the SmartLife app and control your lights with your smartphone.

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

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

Are the LED lights dimmable?

The Acupanel® Glow RGB LED Light Strips are not dimmable. However, you can choose from 24 vibrant preset colour hues to create your ideal lighting scene, controlled via your smartphone or our optional wireless remote control (sold separately).

What colours do the RGB LED lights come in?

The Acupanel® Glow RGB LED Light Strips offer 24 preset colour hues, giving you a wide range of options to suit any mood or interior style. Colours can be selected via the SmartLife app or the optional remote control (sold separately).

What length do the LED light strips come in?

Acupanel® Glow RGB LED Light Strips are available in a single length of 300cm. They are available to purchase in a 2-pack or 4-pack, depending on the size of your installation. 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 RGB 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 RGB LEDs be used without smart devices or Wi-Fi?

Yes, Acupanel® Glow RGB 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 also be controlled 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 RGB 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 RGB LED strip lights?

Yes, you can certainly 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 inch 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](#).

How long can I leave the RGB LED lights on?

To protect the longevity of your LED strips, we recommend not leaving the lights on continuously for more than 4 hours at a time. **Exceeding this may cause the LEDs to burn out prematurely.** If you'd like to continue using them after 4 hours, simply switch them off for a short period before turning them back on.

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

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

More FAQs →

Product FAQs continued

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 5](#).

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 RGB 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.

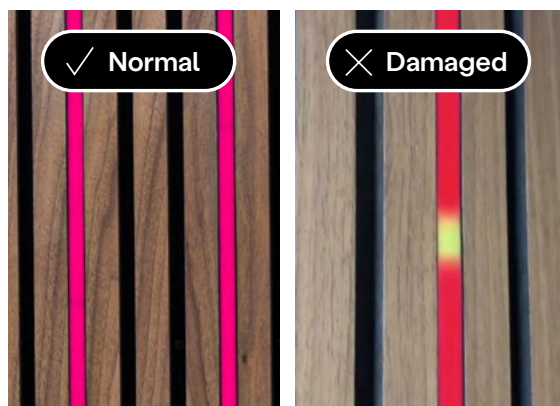
Remote not controlling LED lights:

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.

Coloured spots visible:

Some small, faint dark spots are normal with LED lights, especially when they are first unrolled and flattened. However, a large discoloured 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.



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.

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.

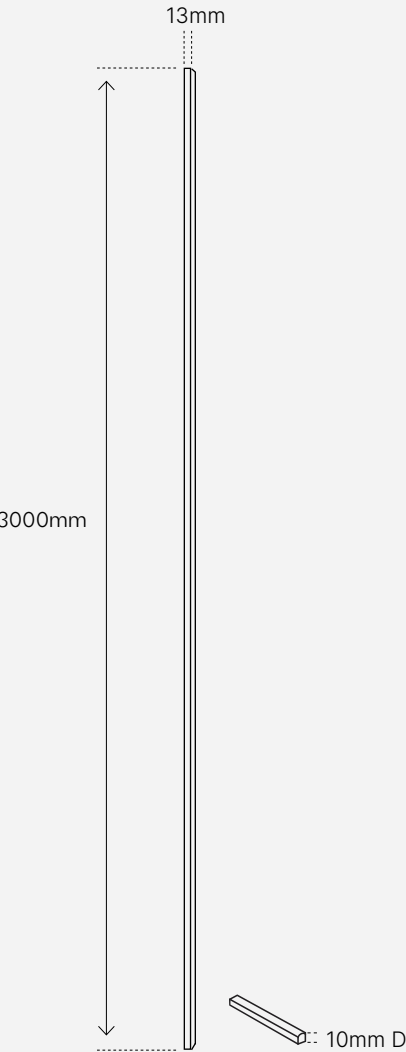
Twisting, standing on and excessive bending, can damage the LEDs. Please handle your new lighting with care to avoid damage.

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.

Dimensions & technical drawings

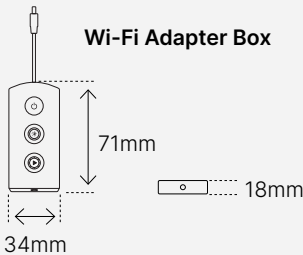
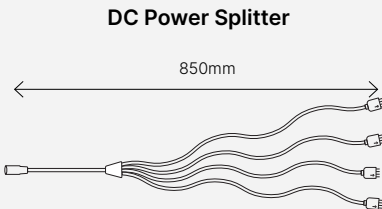
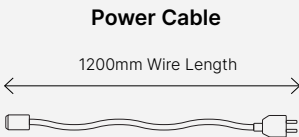
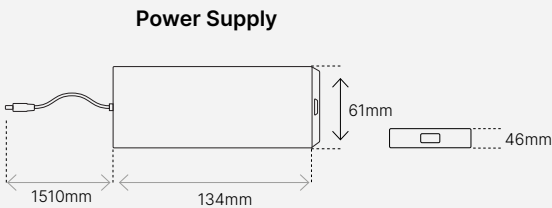
Product	Material	Dimensions per LED light (mm)	Weight per piece (kg)	Weight per pack (kg)
Acupanel® Glow LED Flexible RGB Light Strips 300cm (2-Pack)	- Flexible PVC - RGB LED strip - Silicone	LED Strip: 3000 (L) x 13 (W) x 10 (D)	Full Box: 1.907 LED: 0.538 Power Unit: 0.562 Adapter: 0.062 Splitter: 0.059	Full Box: 1.907 2 x LED: 1.076 Power Unit: 0.562 Adapter: 0.062 Splitter: 0.059
Acupanel® Glow LED Flexible RGB Light Strips 300cm (4-Pack)	- Flexible PVC - RGB LED strip - Silicone	LED Strip: 3000 (L) x 13 (W) x 10 (D)	Full Box: 3.046 LED: 0.538 Power Unit: 0.562 Adapter: 0.062 Splitter: 0.059	Full Box: 3.046 4 x LED: 2.152 Power Unit: 0.562 Adapter: 0.062 Splitter: 0.059

Dimensions for 300cm



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

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



Technical information

LED Light and Power Unit Specs

CRI:	N/A
Power (wattage):	11W per meter
Power Factor:	>0.90
Lumen Output:	R = 221 LM G = 901 LM B = 155 LM W = 1270 LM
Current:	458mA/m
Output Voltage:	24V
Inrush Current:	<60A
Colour Temperature:	RGB
Dimmer:	External Dimmer Module
Input Voltage Range:	24V Fixed
IP Rating:	IP65
Max Case Temperature:	55°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