

24V LED RIBBON STRIP NEON

SKU# 177758

Rated Voltage 24V

FOR BEST RESULTS OF THIS LED STRIP KIT PLEASE REFER TO BELOW:

This installation instruction applies to the 24V side of the LED Strip light only.

This LED Strip light is rated 24V and is classified as ELV (Extra Low Voltage).

This LED Strip light can be DIY and does not require any electrical connection or disconnection.

Do not plug this LED Strip light directly into 240V.

When working with 240V, a licensed electrician is required.

The assistance of a technical person with the correct tools may be required to complete the install.

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this product. Please keep instructions for future reference.

Warranty

- This LED Strip light is covered by a 5-year warranty. The warranty is from date of purchase, not the date of installation.
- Please retain proof of purchase for any warranty enquiries.
- This LED Strip light is only dimmable via the remote included with the LED Strip light kit.
- Warranty will be void if the LED Strip light is used on the same circuit which has a dimmer switch.
- Warranty will be void if there is any damage due to improper usage or modification to the LED Strip light.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.
- Do not connect the LED strip light when it is in the packing or wound onto a reel.
- Do not cover the LED strip.
- Only cut the LED strip on the marked sections.

Installation Requirements

- Select a suitable location for installation:
 - The mounting point must support 2 times the weight of the LED Strip light.
 - This device is protected against water penetration to IP67 standards, which is protected against the effects of temporary immersion in water. This must be maintained during installation.
 - The installation location may require a gravel substrate to help with water drainage, to prevent the wiring kit and connectors being submerged in water after heavy rain or from watering the garden.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the LED Strip light has been damaged during transport. Do not operate/install any product which appear damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Always test the LED strip light prior to installing.

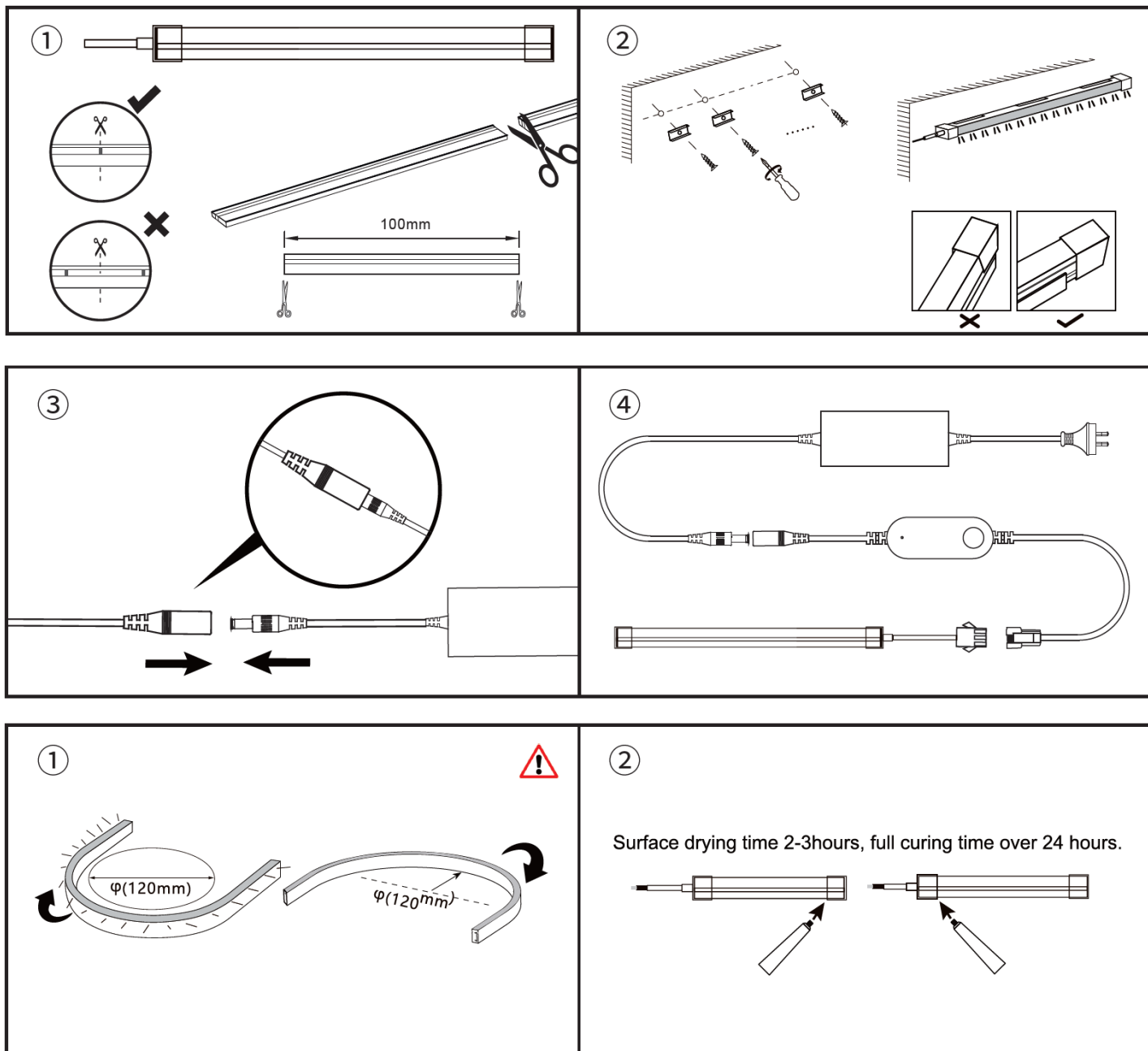
Installation Directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material.
2. Fix the mounting brackets to the surface using the provided screws. Allow roughly 500mm per bracket. (Fig 2).

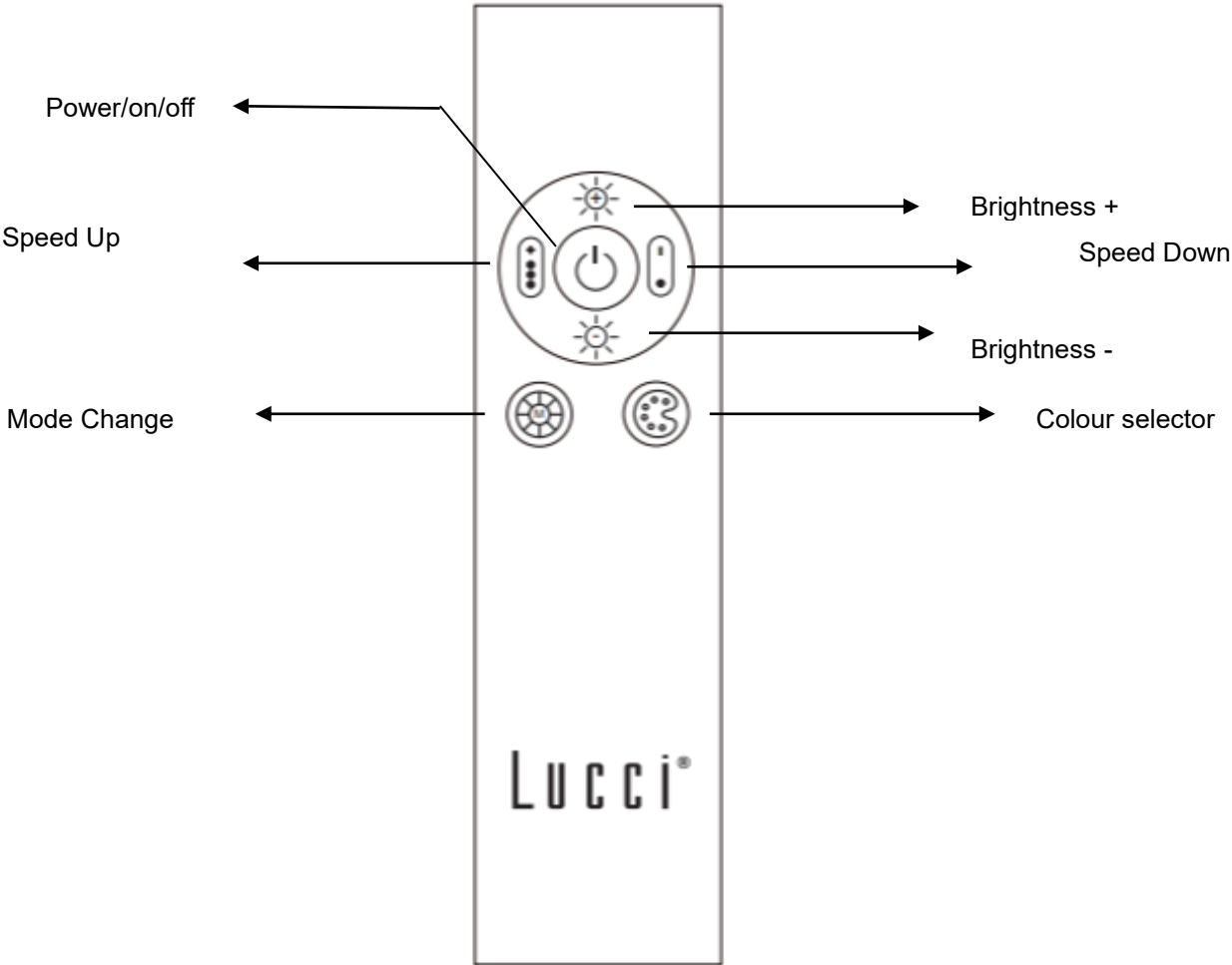
NOTE: IF A BEND IS REQUIRED, REDUCE THE SPACING BETWEEN MOUNTING BRACKETS TO PROVIDE BETTER SUPPORT AND TO PREVENT STRAIN OR DAMAGE TO THE LED STRIP.

3. Connect the LED strip light to the LED driver (Fig 3.)
4. Plug the driver into mains power and test the LED strip.
5. To maintain the IP67 rating for the neon strip. The end caps must be installed with a silicone sealant or similar (Fig 2.)

NOTE: THE MINIMUM BENDING RADIUS IN 120mm DO NOT BEND THE STRIP TIGHTER THEN THIS OR IT COULD CAUSE THE LED STRIP TO FAIL.



Operating the LED strip light



Remote Operating Instructions

- Press the mode change button. The strip light will begin to cycle through the 13 different modes.

Center Fade	End Glow	Meteor Forward	Meteor Reverse
White Flow Forward	White Flow Reverse	Color Flow Forward	Color Flow Reverse
Combined Meteor Forward	Combined Meteor Reverse	Breathing Effect	Blinking Effect
Meteor Bounce			

- Press the speed buttons to increase or decrease the speed of which the mode operates.
- NOTE: There are only 5 different speeds to choose from.**
- Press the brightness buttons to change between the 5 brightness levels.
 - 20% – 40% – 60% – 80% – 100%.
 - Press the colour selector button. to change the colour.
 1. Warm White
 2. Cool White
 3. Red
 4. Green
 5. Blue
 6. Green Yellow
 7. Purple
 8. Cyan
 9. Pink
 10. Colorful
 - Return to warm white.
 - Press and hold the colour button for 2 seconds.
 - The strip light will return to “warm white”

- Activate colour mode.
 - Press and hold the colour button for 5 seconds.
 - The strip will now cycle through all the colours.

Memory/settings functions

- On initial startup the strip will always start on warm white.
- To memorise the current setting – press and hold the mode button for 2 seconds
- NOTE: Press both mode and colour buttons at the same time for 5 seconds to clear the memory and restore back to default.

Control Operating Instructions

- Press once to turn on.
- Double press to turn off.
- Once on, press once to cycle through the different colours.

Safety Tips

- Always ensure the power is OFF and the LED Strip light has cooled down before performing any maintenance, cleaning or adjustment to the LED Strip light.
- The light source of this LED Strip light is not replaceable; when the light source reaches its end of life the LED Strip light shall be replaced. There are no serviceable parts, do not attempt to dismantle or open the LED Strip light.
- To avoid injury or damage to the LED Strip light, ensure that power leads and connectors are secure before connecting the power.
- To clean, wipe with a soft damp cloth. Do NOT soak or immerse the LED Strip light in water or other liquids.
- Ensure that the LED Strip light does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc

Specifications	
SKU #	177758
Rated Voltage	24V
Rated Wattage	55W
Wattage per Meter	12W
Insulation Class	Class III
IP Rating	IP67 For Neon Strip Only IP20 for the driver and DC connections.
Length	5m
LED Specs	RGB Lumens 350
Driver	XY60SE-240250VH-AD Input: 100-240V~50/60 Hz Output: DC 24V 2.5A MAX 60W
Weight	1.4kg
Dimensions	L:5000mm W:10mm H:20mm
Accessories Included	X 10 Mounting Brackets X 10 Mounting Screws X 2 End Caps
Dimmable	Yes – Via remote only