

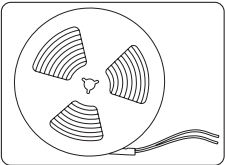
Article number: 4303650H Size:5* 1000x10.4x10.4mm

Instruction manual

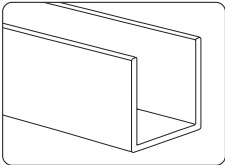


Before using the product, please read this instruction manual carefully and keep it for future reference.

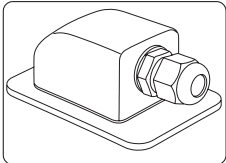
COMPONENT DESCRIPTION



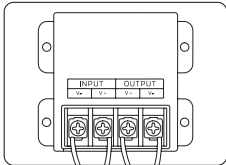
1. Neonflex Light strip



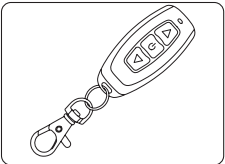
2. Aluminium profile



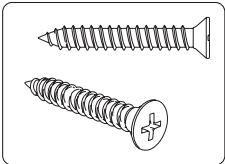
3. Cable gland



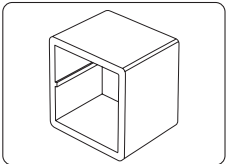
4. RF Dimmer



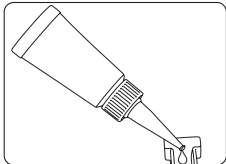
5. Remote controller



6. Screws



7. End Caps



8. Glue

TOOLS REQUIRED

The following tools are required to complete the installation.

Tool	Specification	Purpose
Measuring tape	—	Measure awning profile length
Drill	—	Create mounting and cable entry holes
Drill bit	3.5 mm	Hole for neonflex wiring in aluminium profile
Drill bit	6	Vehicle cable entry hole
Screwdriver	PH1	Install M3 mounting screws
Scissors	—	Cut Neonflex LED strip
Cleaning cloth	—	Clean installation surface (no liquids to be used)
Waterproof sealant	Exterior grade	Used to seal the drilled holes in the aluminium profile and vehicle body, and to seal the cable gland to ensure a watertight installation.

INSTALLATION NOTES

- Always deburr drilled holes to prevent cable damage.
- Ensure the drill bit diameter matches the cable gland specifications.
- Do not overtighten mounting screws in the aluminium profile.



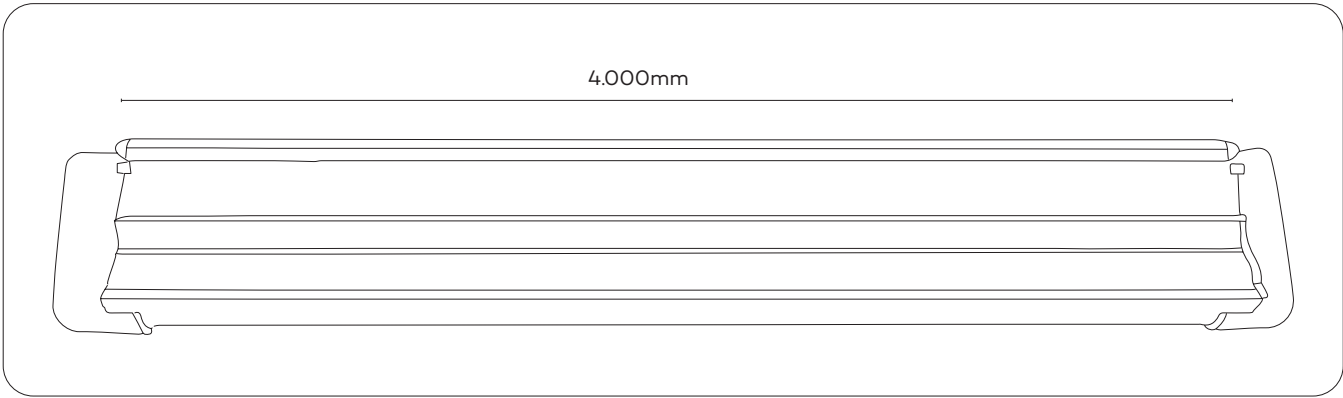
Safety note

Disconnect the vehicle power supply before starting installation!

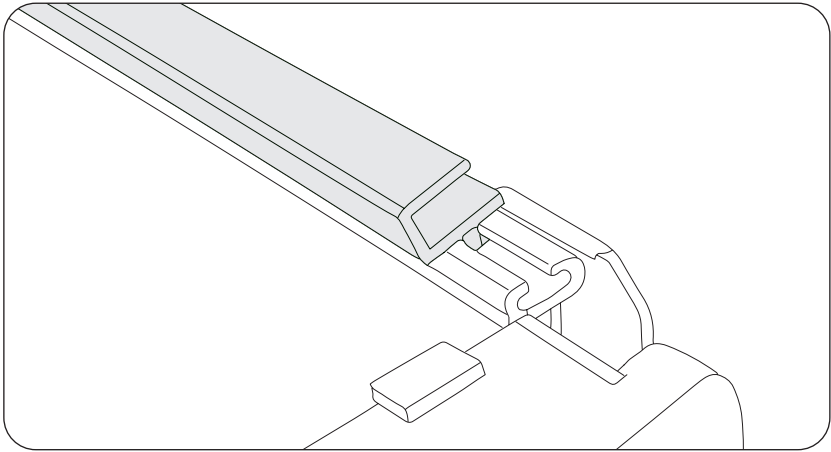
INSTRUCTIONS

1. MEASURE THE AWNING LENGTH

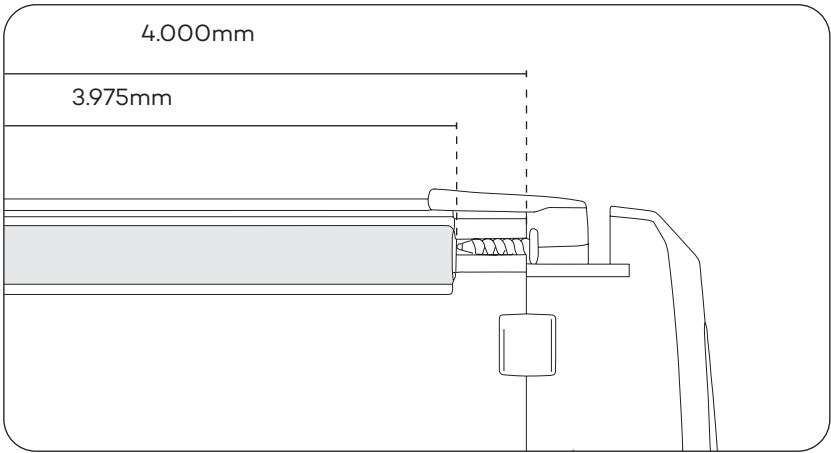
Measure the length of the aluminium part of the awning. Take the measurement minus 25 mm (example 4000 mm aluminium length – 25 mm = 3975 mm). The aluminium strips are multiples of 1000 mm. So in this case, there will be 3 complete alu strips needed plus one shortened version of 985 mm.



2. INSTALL THE ALUMINIUM MOUNTING STRIPS

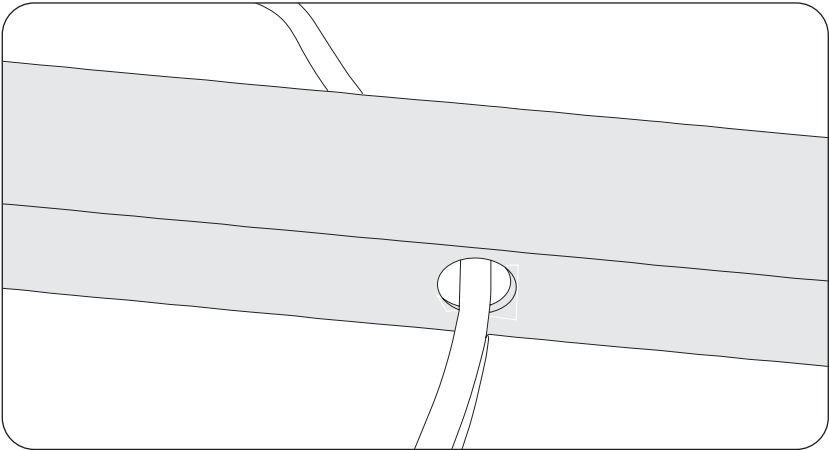


Slide the aluminium strips (4 pieces in this example) into the C-shaped channel of the awning.

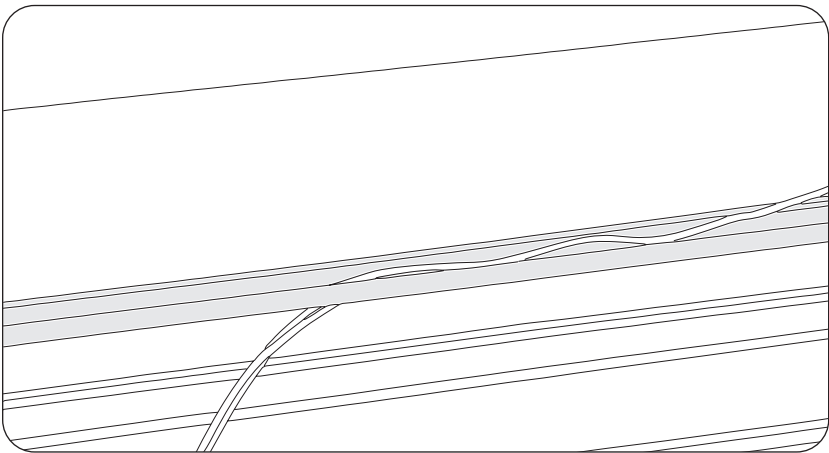


Install one screw on each side of the awning to secure the aluminium strip position.

3. CABLE MANAGEMENT

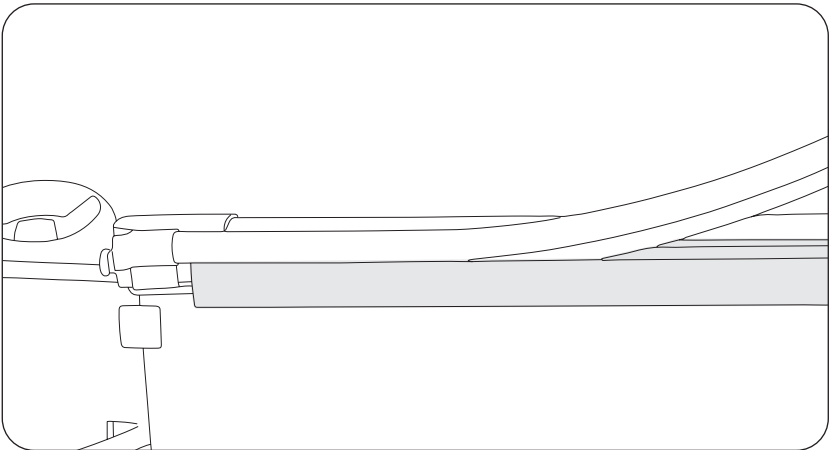


Drill a hole in the back of the aluminium strip as a cable entry. Deburr the hole to prevent damaging the cable. Seal the hole with waterproof sealant.



Place the cable at the back of the aluminium strip.

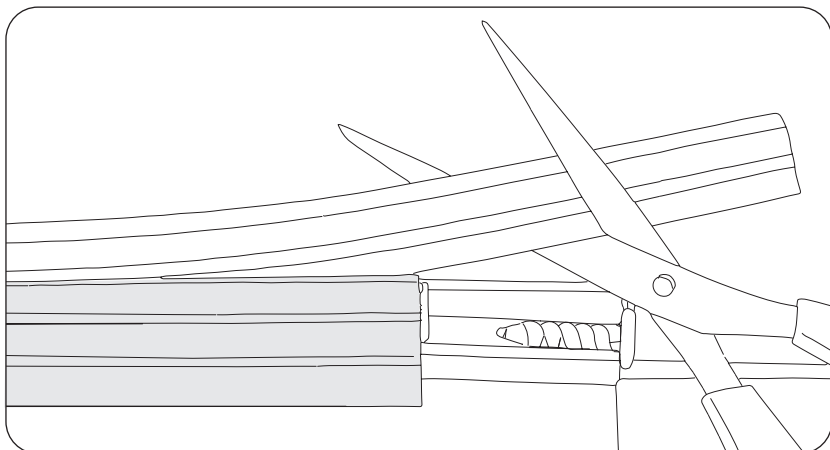
4. INSTALL THE NEONFLEX LIGHT STRIP



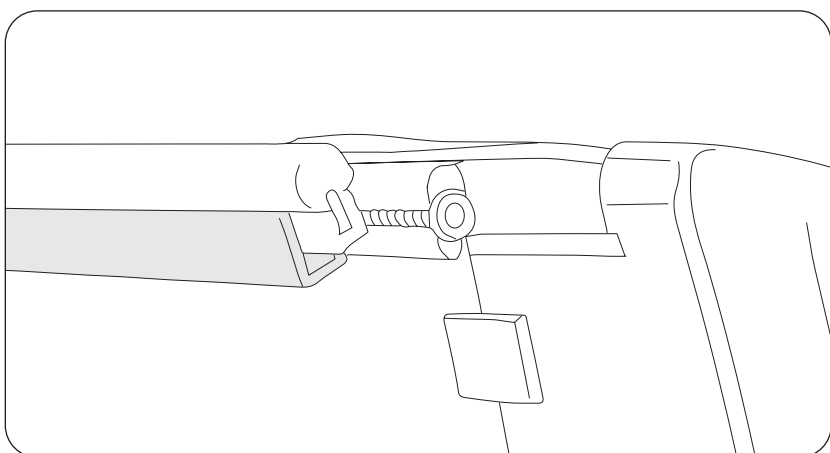
Place the Neonflex LED strip over the cable to conceal it.

HABA

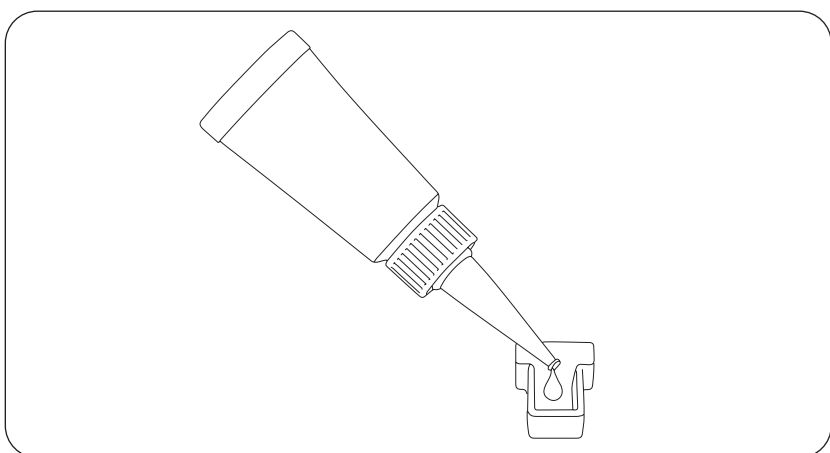
happy
campers



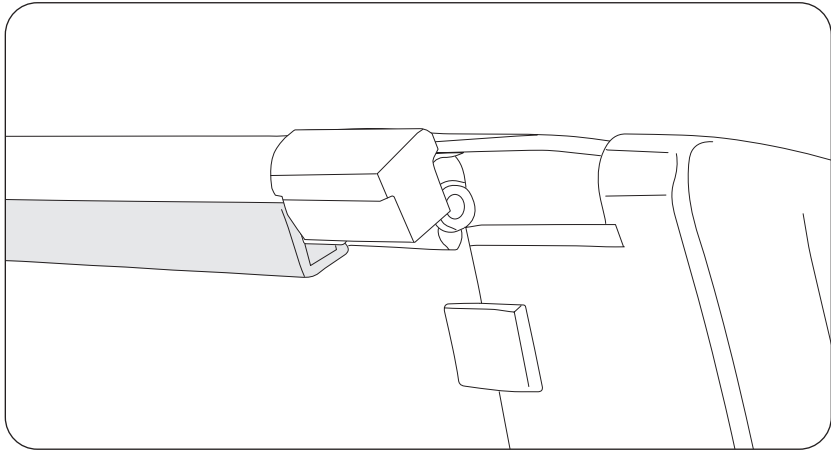
Cut the neonflex at the correct length. Ensure a small overlap remains so the endcap can be installed properly. The neonflex can be cut at the black stripes visible at the side of the product through the silicone material. (approx. every 25mm).



Prepare the adhesive by attaching the drip tip to the glue tube.



Important: Apply a maximum of two drops of adhesive inside the endcap.



Mount the separate added cover at the end of the neonflex with some transparent glue.

Important:

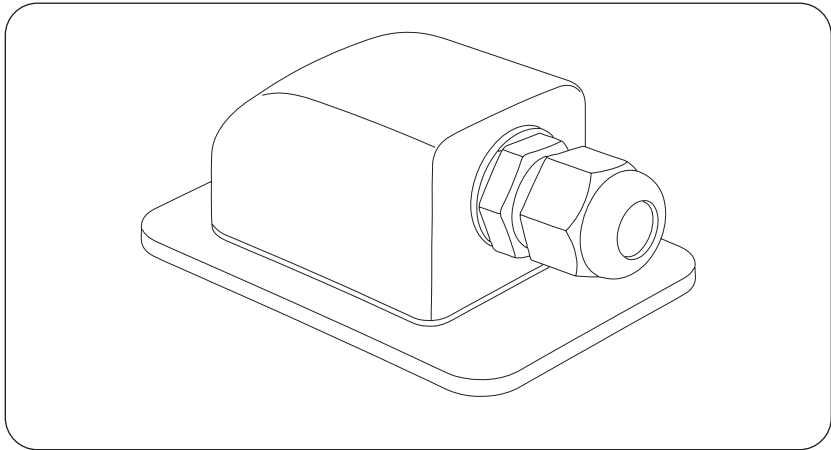
- Too much adhesive will prevent proper curing.
- The adhesive begins curing quickly, you have approximately 20 seconds to position the endcap correctly.
- Make sure the cable is properly seated and does not interfere with the placement of the light strip.

The neonflex should cover the setting screws once they are placed in the aluminium strip.

5. ROUTE WIRING INTO THE VEHICLE AND SEAL

Drill a suitable hole in the vehicle body for the cable entry.

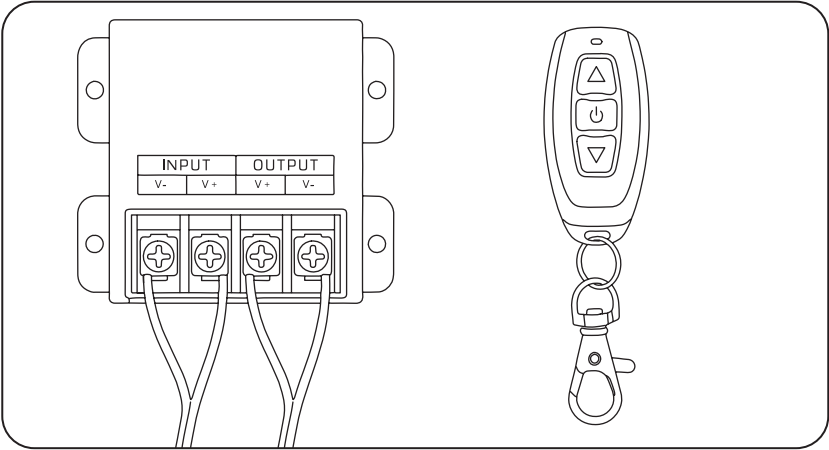
Route the cable through the supplied cable gland and through the drilled hole.



Seal around the edge of the cable gland using a waterproof sealant.
Seal the cable gland hand tight to prevent water ingress.

6. CONNECT THE DIMMER

Once the wiring has been routed inside the vehicle, connect the cables to the RF dimmer according to the terminal markings.



The dimmer has four terminals arranged in the following order:
- + + -

Input (power supply)

Connect the vehicle power supply to the first two terminals:

- V- (negative)
- V+ (positive)

Output (LED strip)

Connect the LED strip to the last two terminals:

- V+ (positive)
- V- (negative)

Important:

- The striped wire of the LED strip is the negative (-) wire and must be connected to the V- output terminal of the dimmer.

After connecting the wiring, mount the RF dimmer securely inside the vehicle in a suitable and protected location.

The Neonflex light can now be controlled using the dimmer remote.

PRODUCT INFORMATION

Model	4303650H
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TECHNICAL SPECIFICATIONS NEONFLEX

Voltage	10-15V DC
Power consumption	7.2 W/m
Length connection wire	1000 + 5mm wire
Cable ends	Tinned
Cutting cable	Cutting lines dictate the cutting intervals
Polarity sensitive	Yes
Stabilized	No
External dimmable	Yes
Lumen	280lm/m
Light colour	3000K
Type of LED	SMD
Degree of protection	IP 44

TECHNICAL SPECIFICATIONS DIMMER

Voltage	12-24V DC
Max current	30A
Stand by power consumption	<1W
Output channel	1
Remote controllers	2
Dimensions (LxWxH)	110x56x34mm

TECHNICAL SPECIFICATIONS ALUMINIUM PROFILE

Dimensions per profile (LxWxH)	1000x10.4x10.4mm
Quantity aluminium profiles	5
Net weight	963g
Material	Aluminium
Colour	Grey/aluminium

TECHNICAL SPECIFICATIONS CABLE GLAND

Dimensions (LxWxH)	130x60x37mm
Cable entry open diameter	6.5mm
Cable entry closed diameter	1.5mm
Net weight	38g
Colour	Black