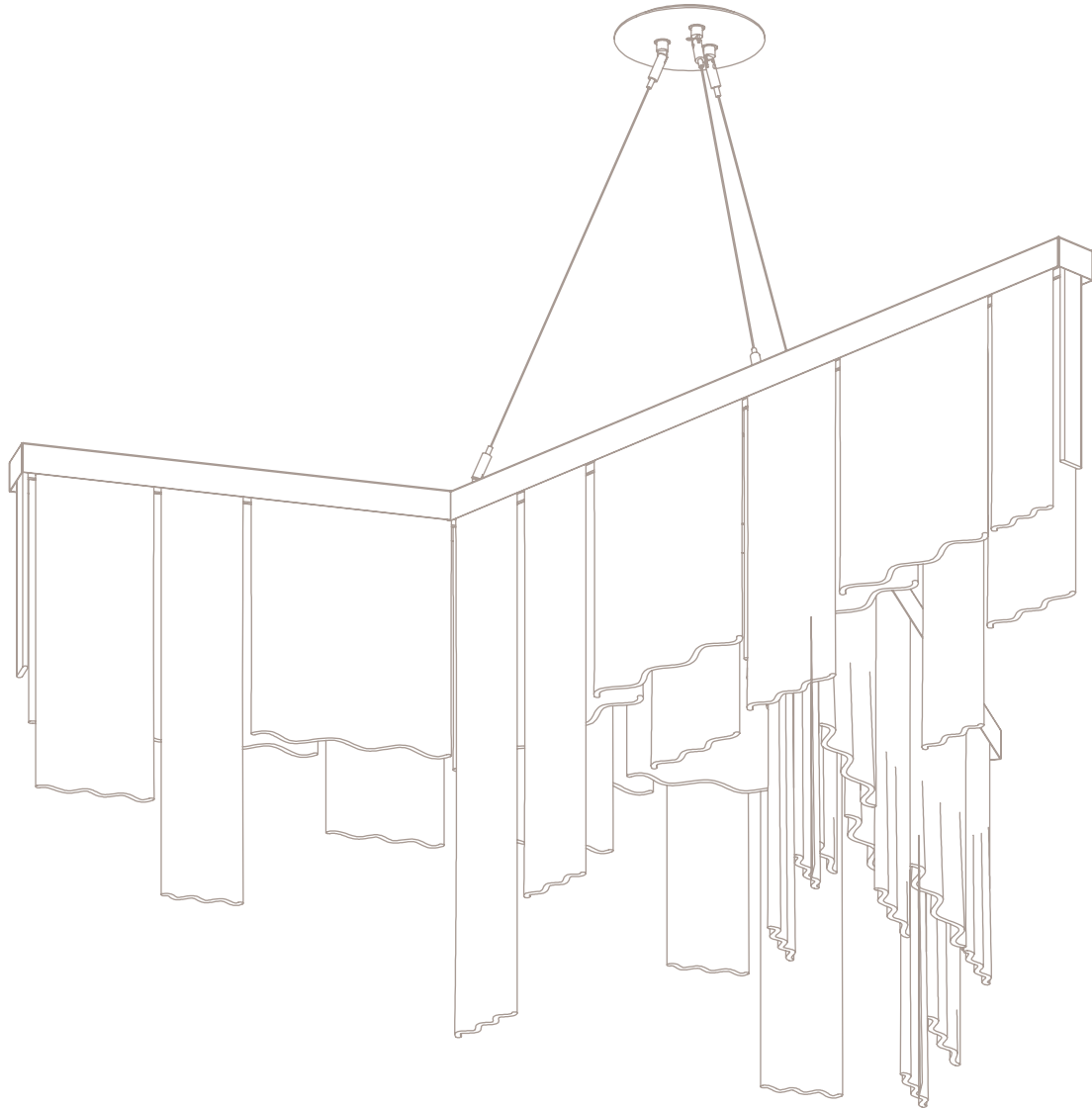


CASCATA CHANDLER

Installation Guide



!

Please handle with care and wear gloves at all times during Assembly and installation to avoid damaging components.

TECHNICAL

Bulb Holder
Integrated LED
dimmable

Wattage
50w (2700k)

Weight
40kg (88.2lbs)

PARTS & COMPONENTS

- A - 1 x Cascata Frame
- B - 36 x Glass Pannels & fixing screws
- C - 3 x Cascata Body
- D - 1 x 24V LED driver
- E - 3 x Suspension cables

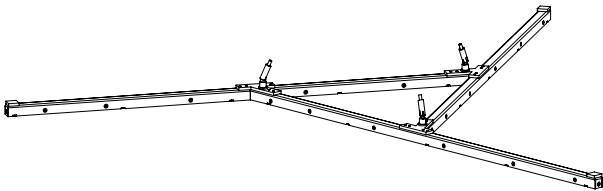
F - Flush ceiling plate installation

- F.1 - 1 x Ceiling mounting plate
- F.2 - 1 x Ceiling plate cover & 1 x fixing screw

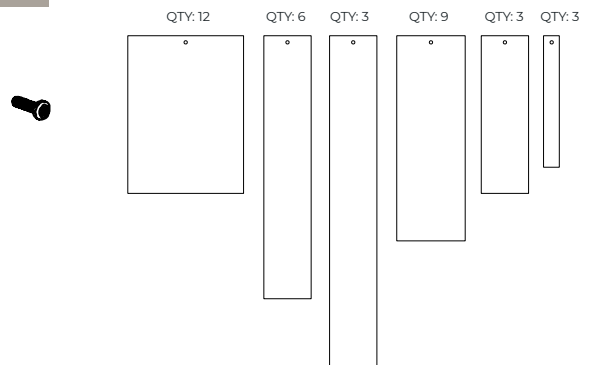
G - Deep Ceiling rose installation

- G.1 - 1 x Ceiling rose mount
- G.2 - 1 x Ceiling rose & 6 x fixing screws

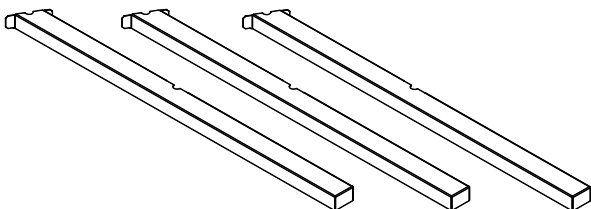
A.



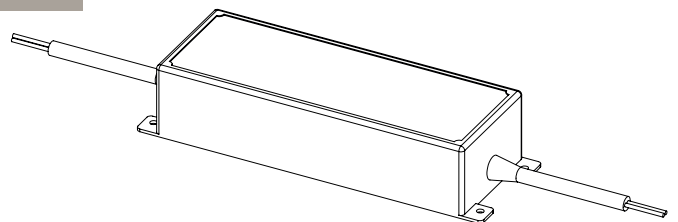
B.



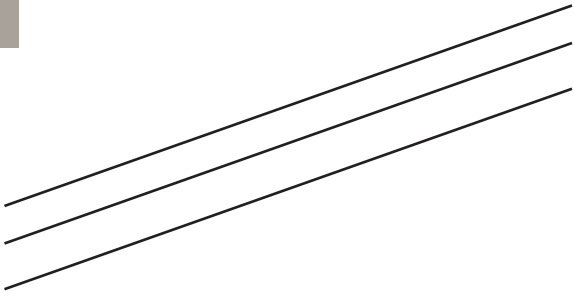
C.



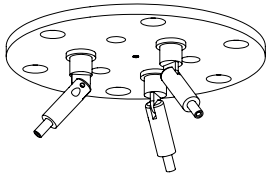
D.



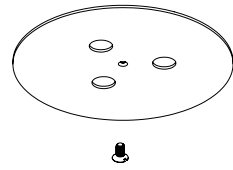
E.



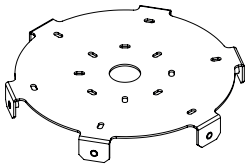
F.1



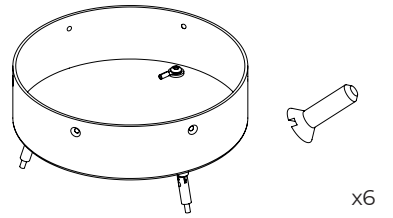
F.2



G.1



G.2

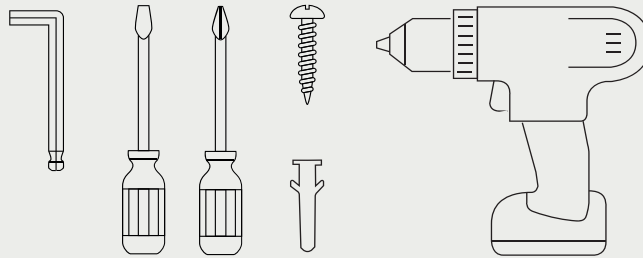


- All nuts and bolts required for assembling the light are included.
- Parts C,D,E & F are generic for both versions of the light fitting



BEFORE INSTALLATION

- Check that you have all components before starting the installation.
 - Installation must be carried out by a qualified electrician.
 - A minimum of two people is required to install a pendant light.
- Check that the ceiling or wall fixings are suitable and strong enough to support the weight of the light fixture.
 - You will need these specific tools for a successful installation.

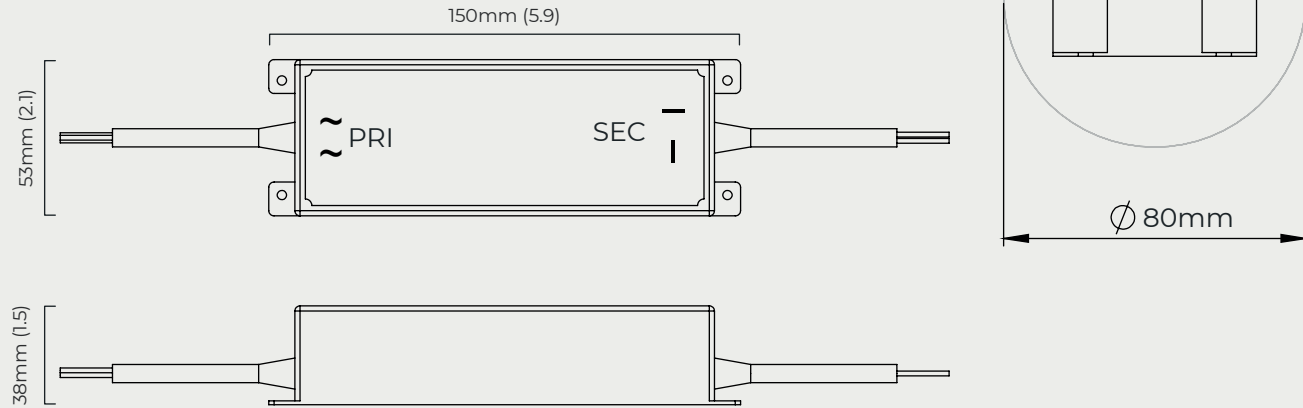


PLEASE NOTE

**The pendant cannot be rotated once mounted to the ceiling.
Ensure that it is installed in the desired position.**

A - Flush ceiling plate installation

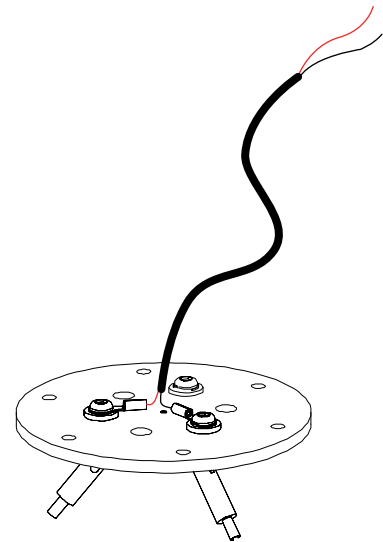
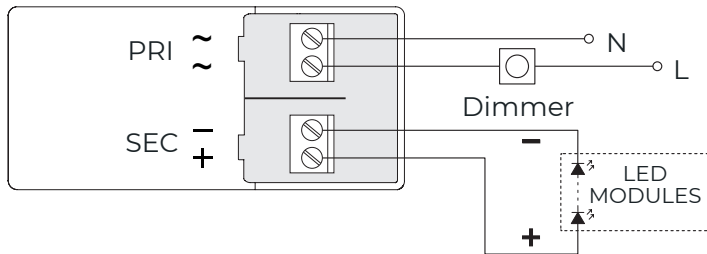
1. Cut 80mm hole for driver, in centre of fitting location. Make sure there is enough space in cavity for the LED driver.



2. Connect LED driver to mains cable and to LED cables on the ceiling rose fixing plate.

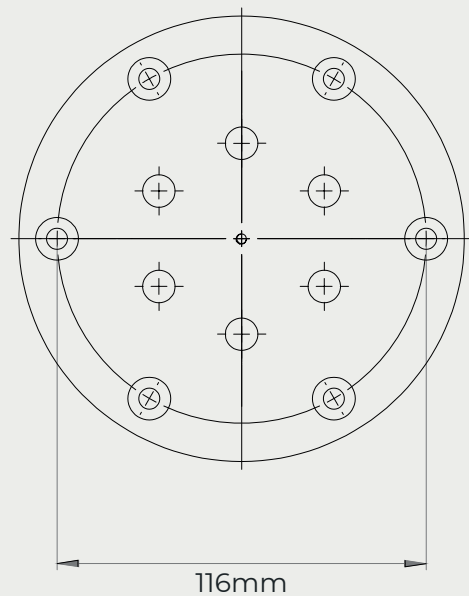
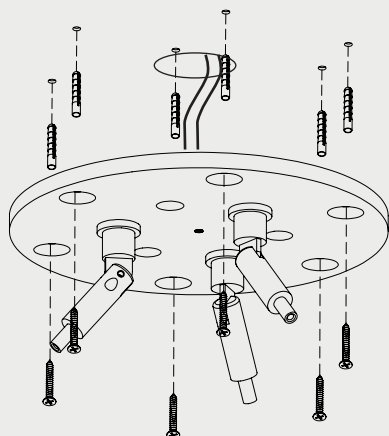
Dimmer is optional. Please note, use trailing edge dimmer switch only.

RED = Positive (+)
Black = Negative (-)



3. 230V

Mark out fixing hole, and use suitable fixings for the fittings weight. x6 (not supplied).



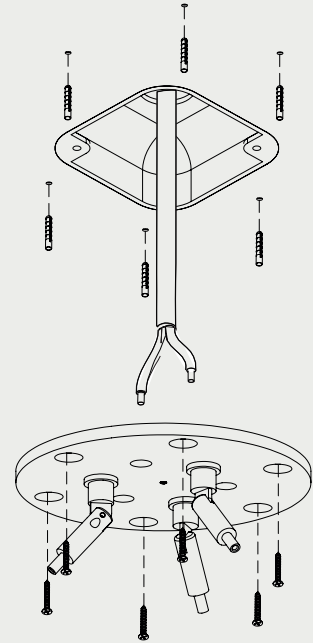
3. US

120V

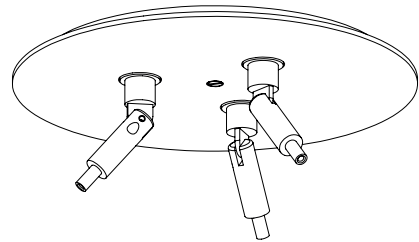
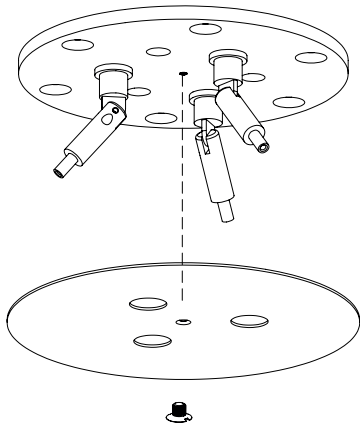
Fix the mounting plate over the junctionbox.

Ensure that suitable screws are being used for the surface you are mounting to x6 (fixings not supplied).

Note: The drivers do not fit into the junction box. Please make sure you locate the drivers into the cavity, or in a remote location no more than 3 meters from the Ceiling Rose.



4. Attach to ceiling and install cover plate, with M3 screw.

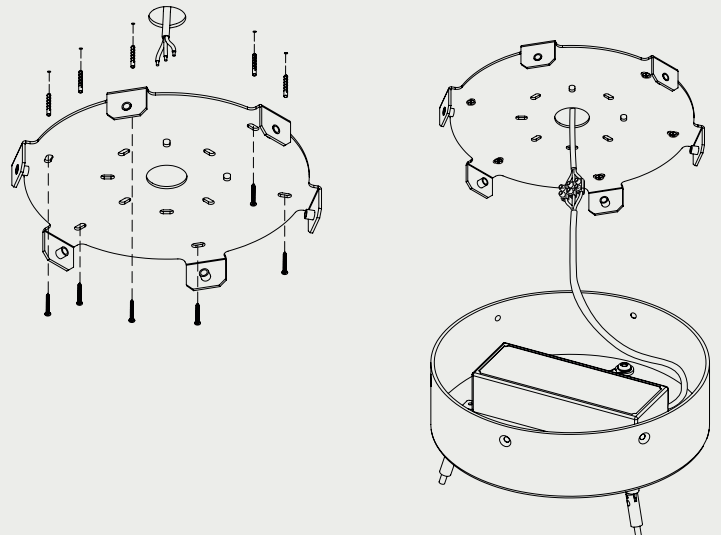


B - Deep Ceiling rose installation

1. 240V

A. Securely fix the mounting plate to the ceiling in the correct position using fixings suitable for the surface you are mounting to (fixings not supplied).

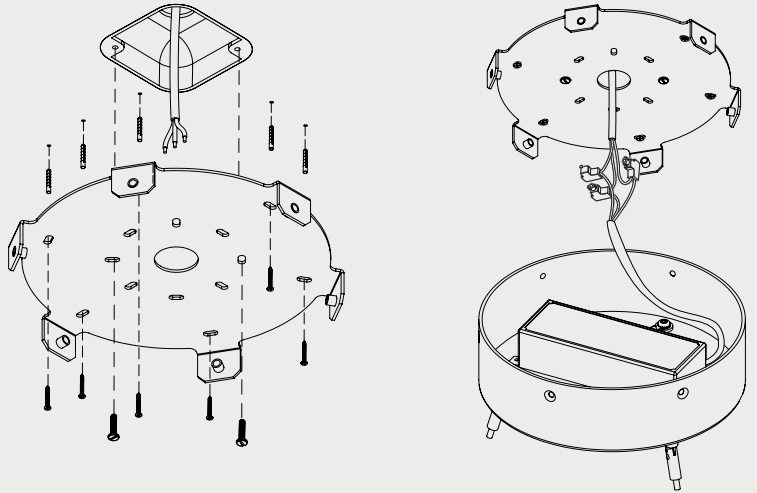
B. Raise the ceiling rose and make the electrical connections inside the ceiling rose cover ensuring all wires are colour matched.



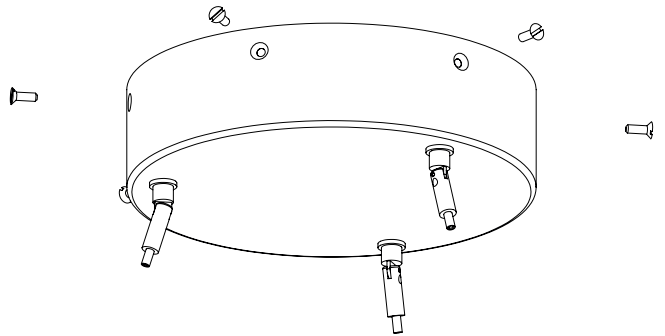
2. 120V

US

- A. Fix the mounting plate to the junction box using suitable screws (fixings not supplied).
- B. Raise the pendant and make the electrical connections inside the junction box ensuring all wires are colour matched and the pendant is earthed correctly.



3. Bring the ceiling rose cover up to the mounted plate and secure with the six screws.

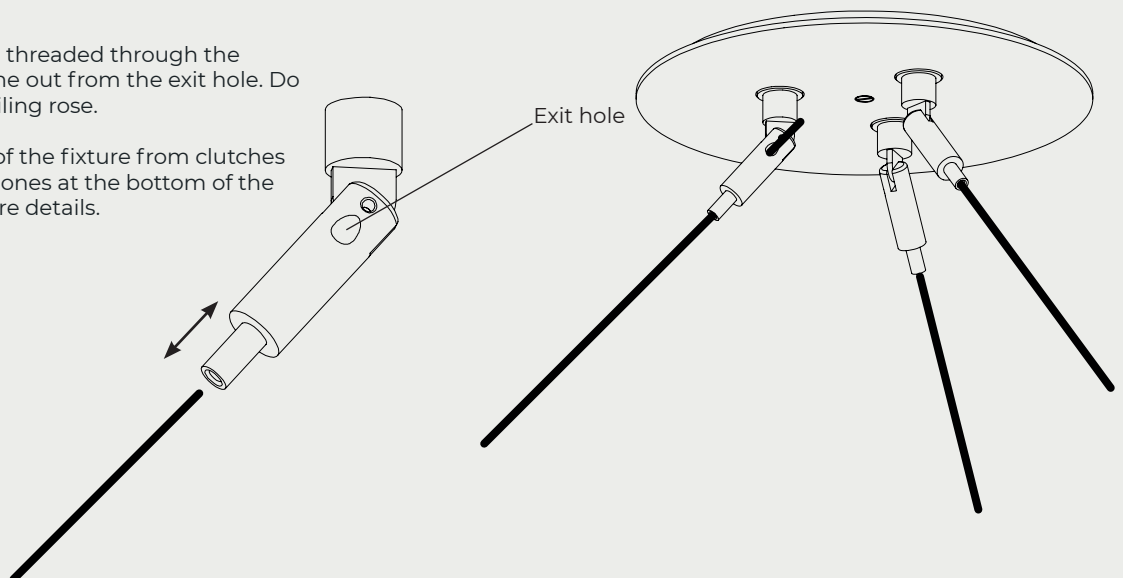


C - Light fixture installation

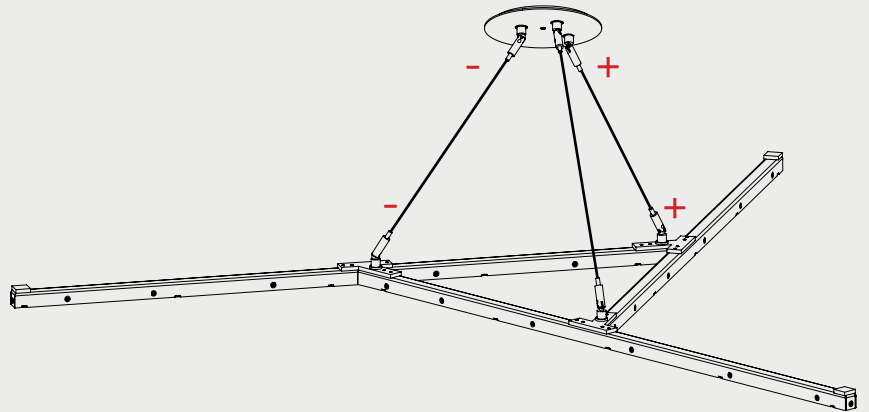
1. Attached suspension cables to clutches. Press in top part of toggle to release.

Make sure cable has been threaded through the entire clutch, and has come out from the exit hole. Do not let cable touch the ceiling rose.

Do not adjust the height of the fixture from clutches on the top. Only from the ones at the bottom of the fitting. See stage 5 for more details.

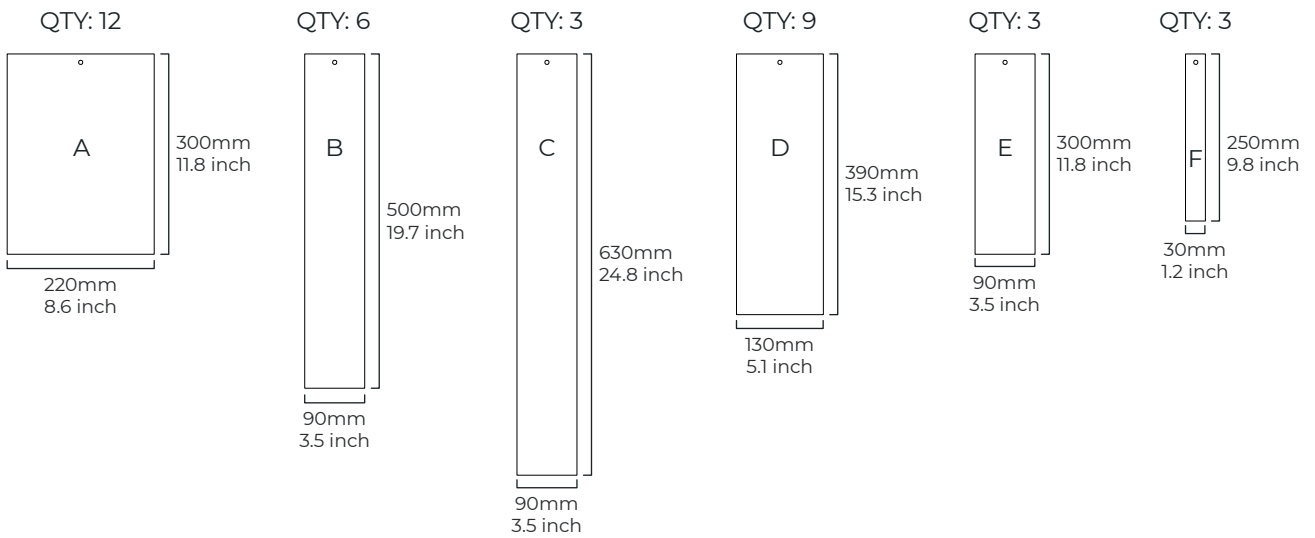


2. Install the body making sure to align positive (+) clutch to positive clutch and negative (-) to negative. Each clutch will be marked with a small removable label.

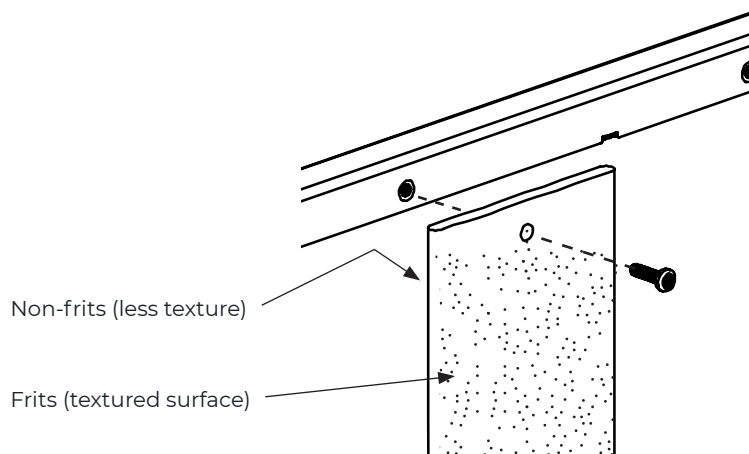


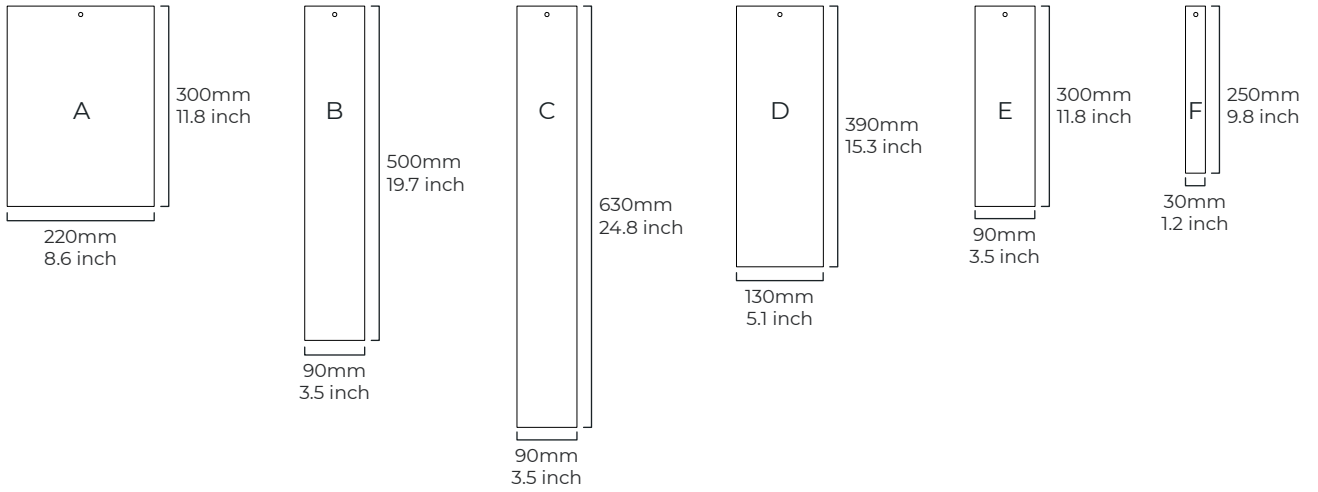
3. Using the M4 nylon bolts, mount the glass panels as shown below.

Glass size shown below and relating letter:

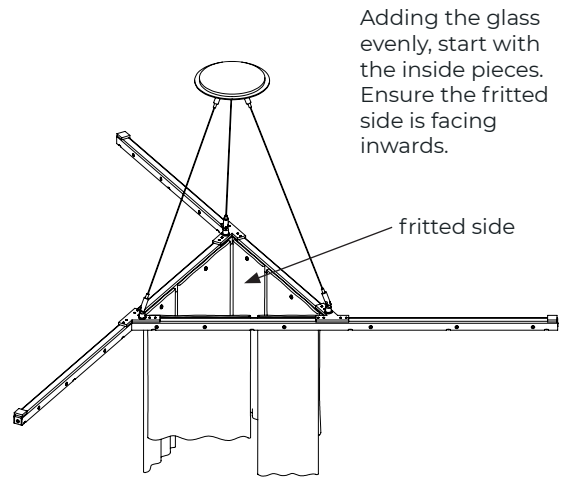
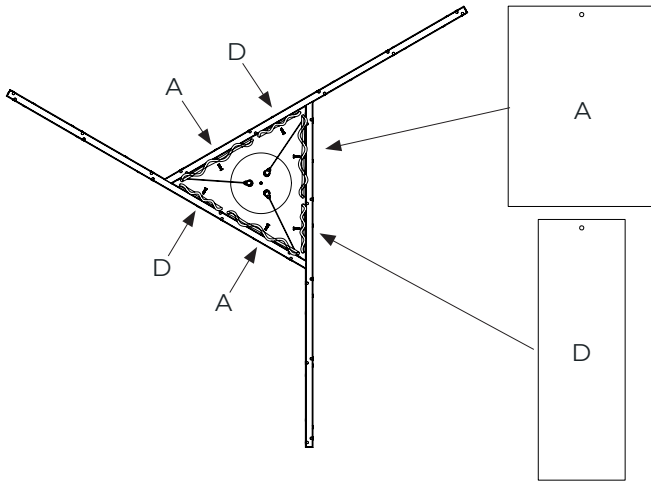


All glass panels are to be fitted with the textured side facing away from the body. See below:





3a.

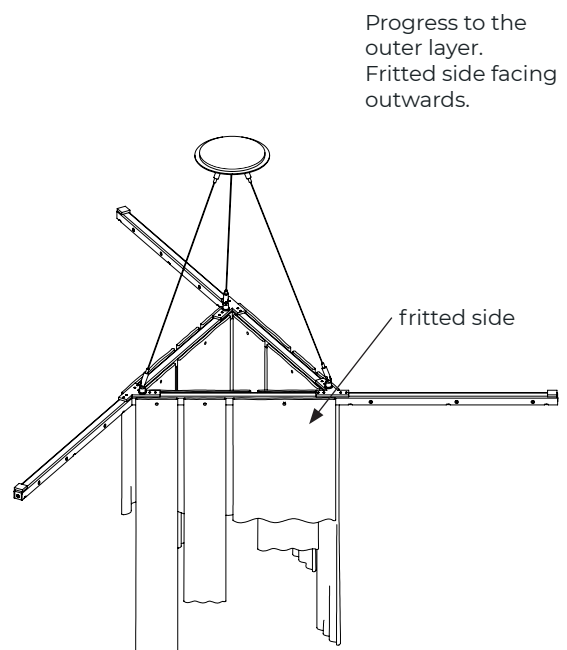
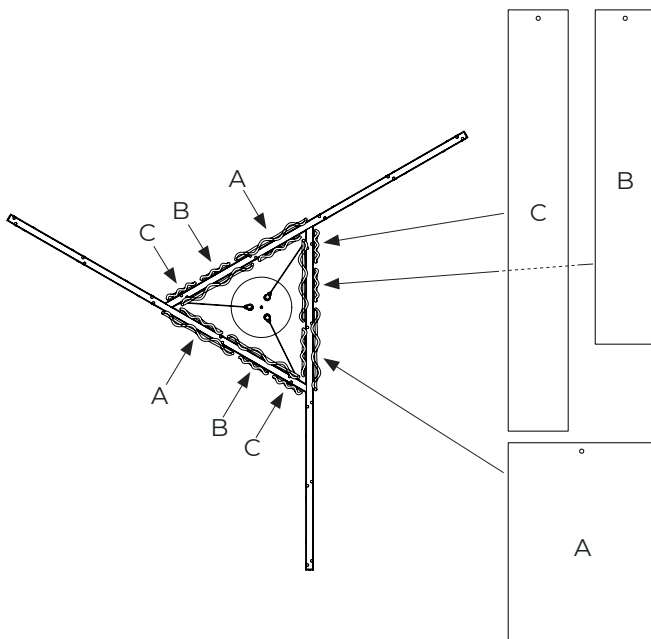


Adding the glass evenly, start with the inside pieces. Ensure the fritted side is facing inwards.

fritted side

Isometric View

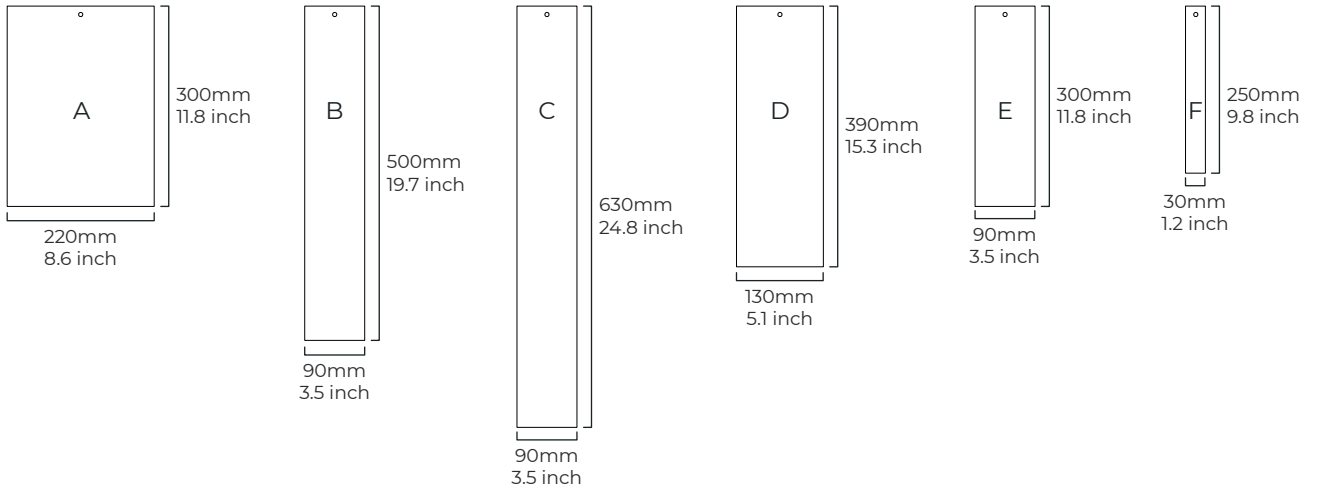
3b.



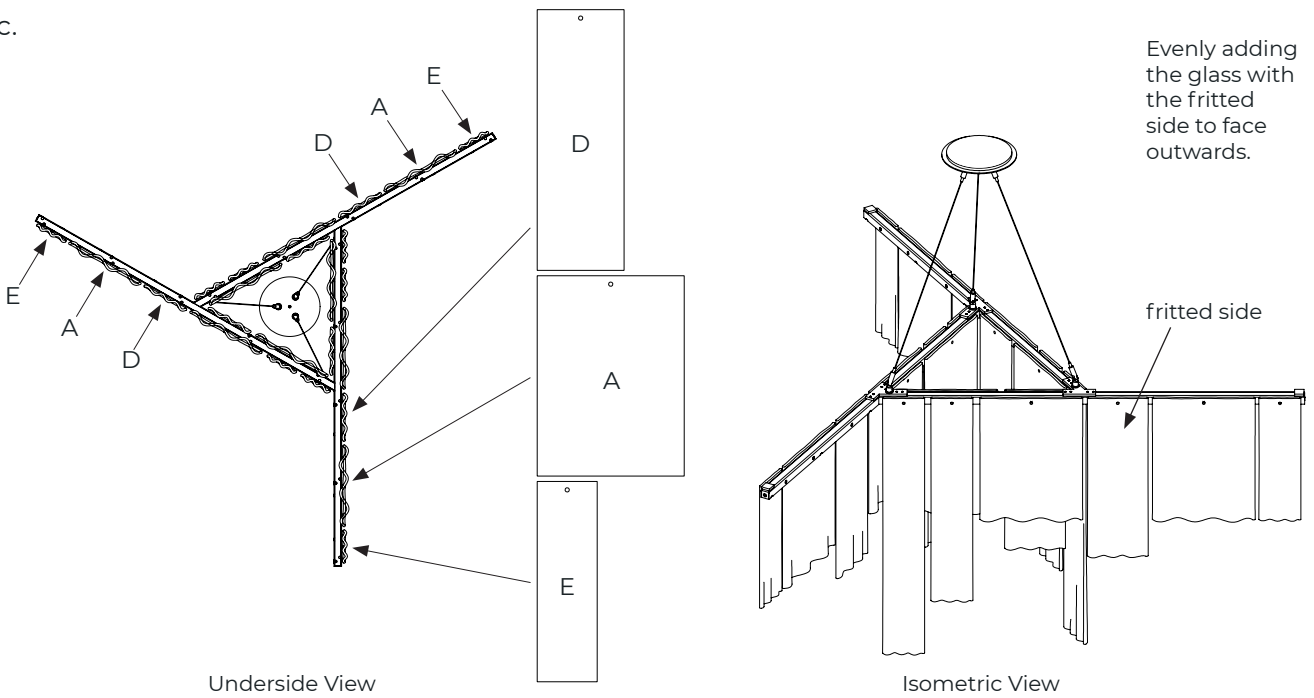
Progress to the outer layer. Fritted side facing outwards.

fritted side

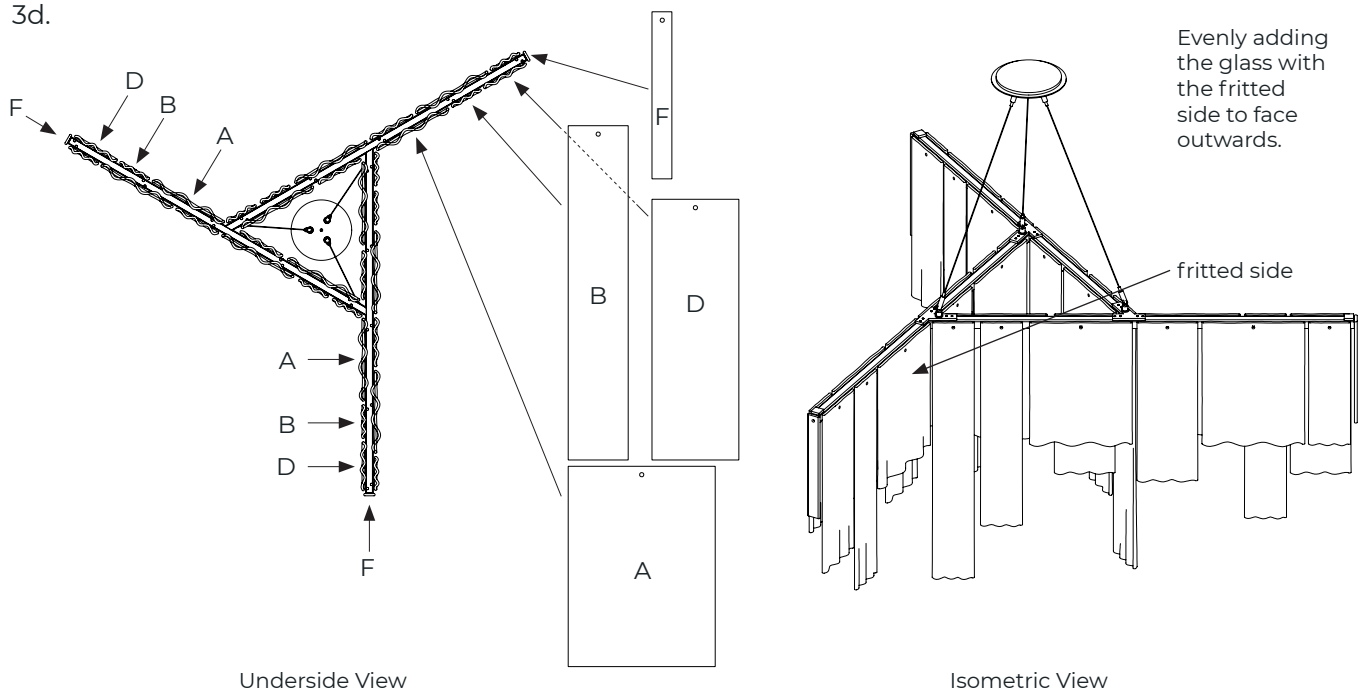
Isometric View



3c.

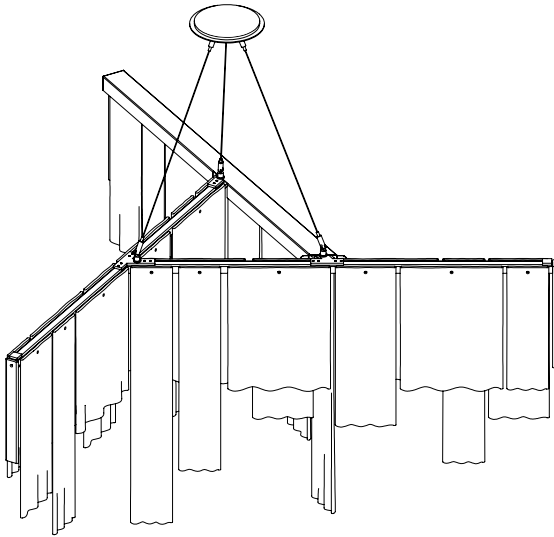


3d.



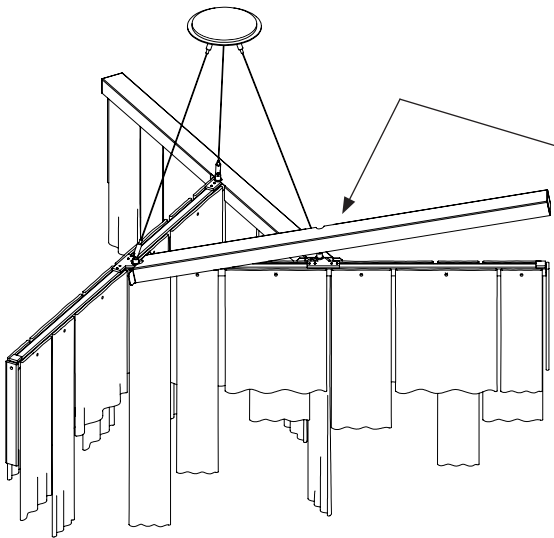
4. Install the three body sections as shown below:

4a.

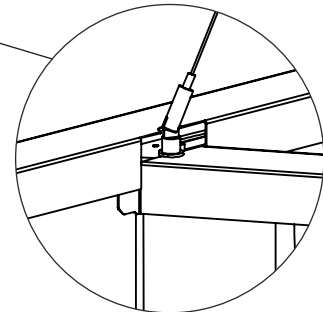


Place body 1 over the frame of the light. The part will fit tightly around the cable holders.

4b.

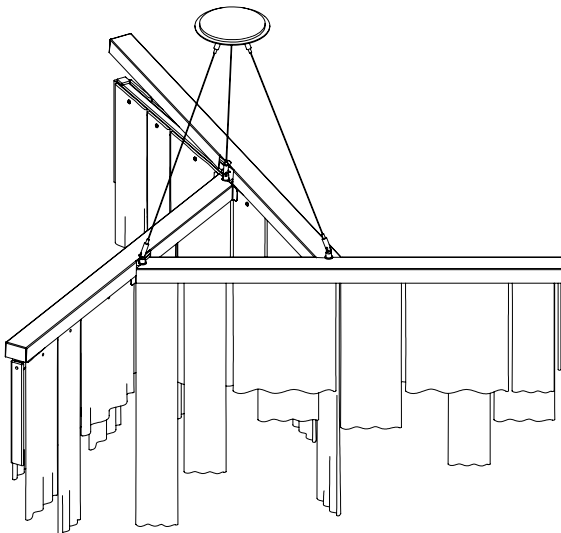


Place body 2 over body 1, ensure the tabs are covered, see below.



Ensure the tabs overlap

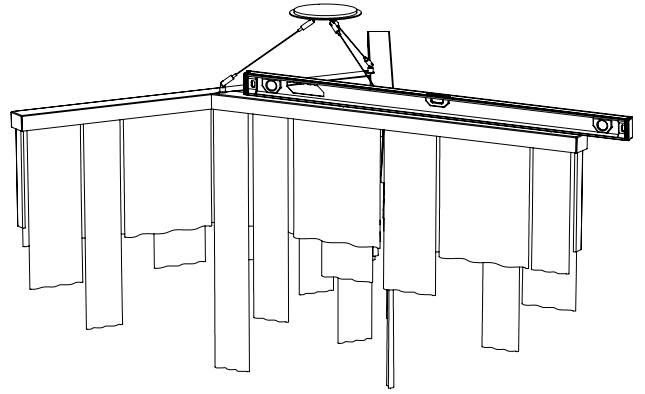
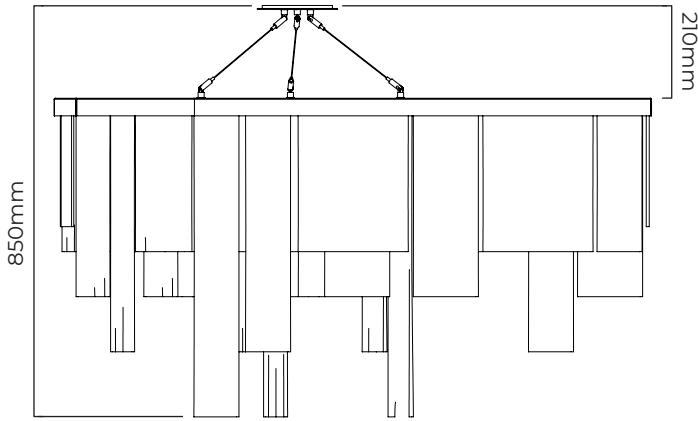
4c.



Lift body 1, and slide body 3 into place. Lower body 1 again ensuring the tabs overlap.

- Set to correct desired height, make sure fitting is level using a spirit level. Critical, do not let fitting hang unbalanced. Make note of minimum height of fitting.

Minimum height of fitting:

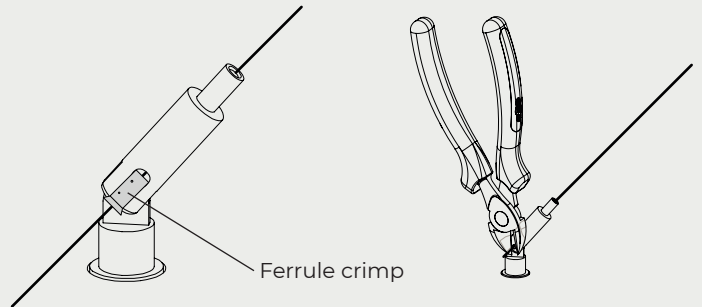


- Once the height has been set. Place a Bootlace Ferrule crimp up too the bottom of the clutch cable exit. Crimp to stop the cable from fraying after cutting.

Snip away any excess suspension cable, close to the of the ferrule x 3.

IMPORTANT

Do not cut the suspension cable without the ferrule, this will cause the cable to fray (unravel), and may cause a fault.



- Remove power marking stickers and restore power to the fitting.

MAINTENANCE

Cleaning

Use a soft dry cloth to clean. If any marks remain clean the area using a damp soft cloth and dry afterwards with a soft cloth

Repairs

Contact
CTO Lighting

Warranty

Please visit
www.ctolighting/warranty
for CTO warranty policy

Certification

