

# PFI Skylight Installation

## Installation instructions for PFI Skylight blinds

### Required tooling

- Pencil
- Screwdriver
- Drill
- Hammer
- 5.5mm Masonary drill bit
- 3mm HSS drill bit
- 5mm HSS drill bit

## Assembling the blind

To assemble the blind, please follow these steps:

You will have the following components:

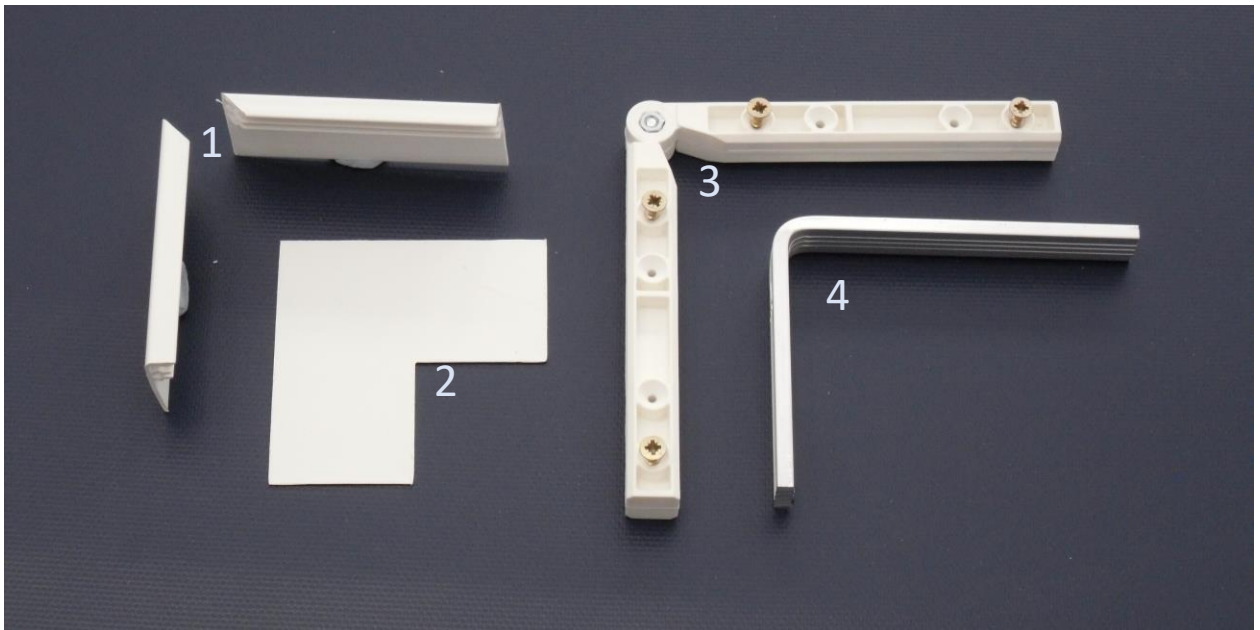


Fig 2: 4 x 90° cover profile

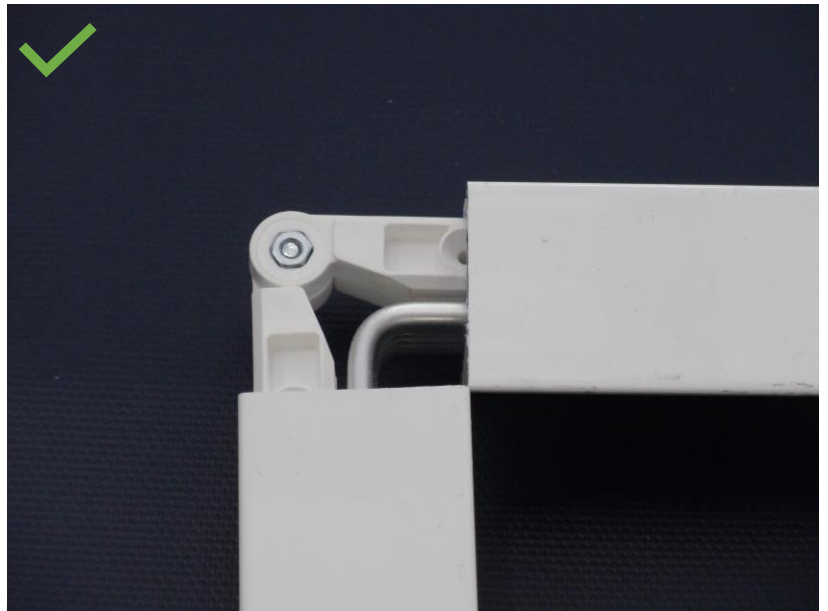
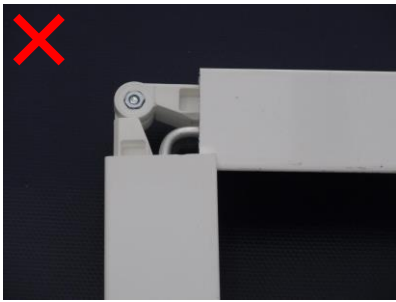
Fig 3: 4 x Corner joint

Fig 4: 4 x 90° brace

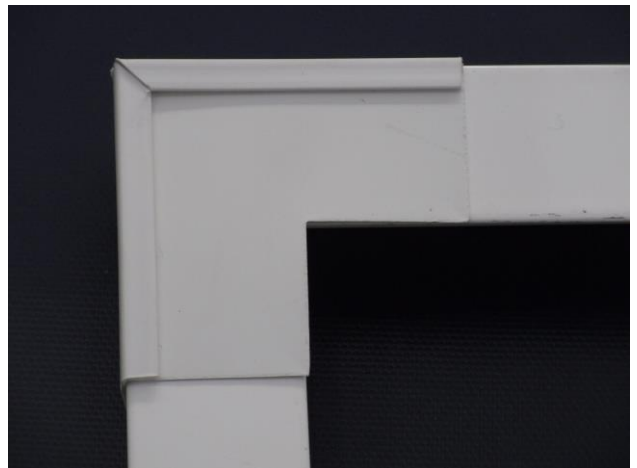
(all per blind)

## Assembling the blind

You will need to ensure the corners are touching once put together – see examples below:



Your frame should look like this:



## Assembling the blind

Installing the blind into the PerfectFit Skylight frame.

1. Clip the blind into the frame – start the base rail end closest to the fabric.



2. Unwind the support filis (and tension cord if manual operation)



\*Support filis

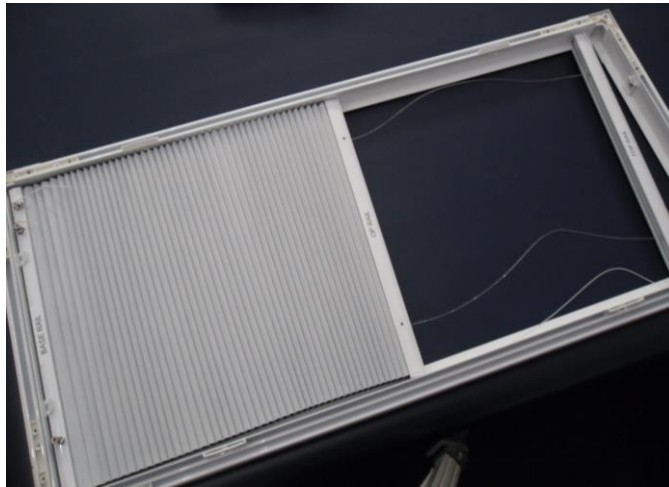
\*Tension cord (manual blinds only)

To be unwound within frame

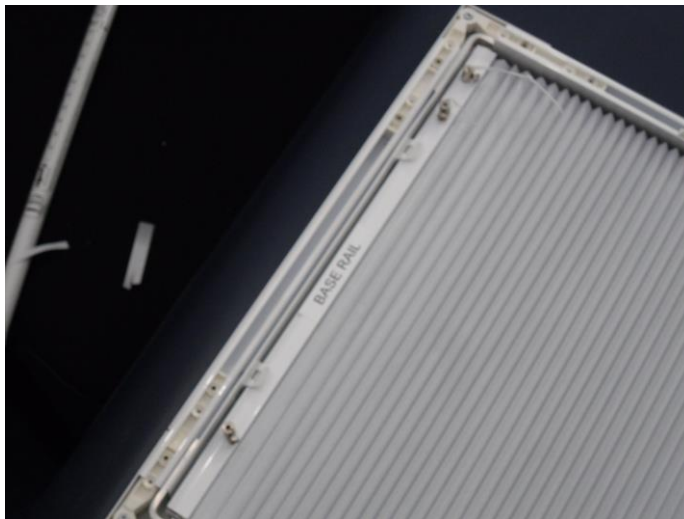
## Assembling the blind

Installing the blind into the PerfectFit Skylight frame.

3. Pull the top rail towards the opposite end of the frame (Do **NOT** clip in yet).



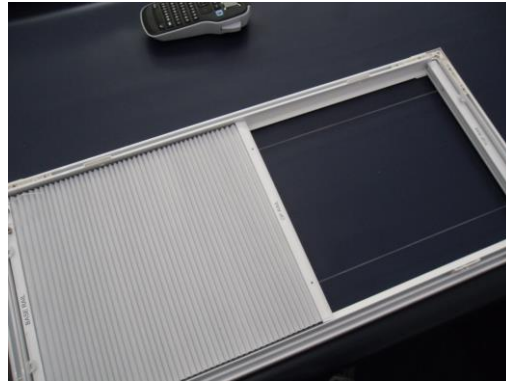
4. Check that no cords are tangled or catching on any corners or end caps also checking that the support fillos are pulled through to the base so the clamps are sitting in their holes.



## Assembling the blind

Installing the blind into the PerfectFit Skylight frame.

5. Once you are happy that all cords are free, clip the top rail into the frame.



6. If using a manual blind –

Pull the operation rail towards the top rail so the blind is in the closed position. If the blind springs open slightly, adjust to barrel clamp slightly to pull the cord through, then retighten the barrel clamp. (**WARNING:-** Tighten barrel clamps with fingers only, using a screw driver could snip through cords and snap them)



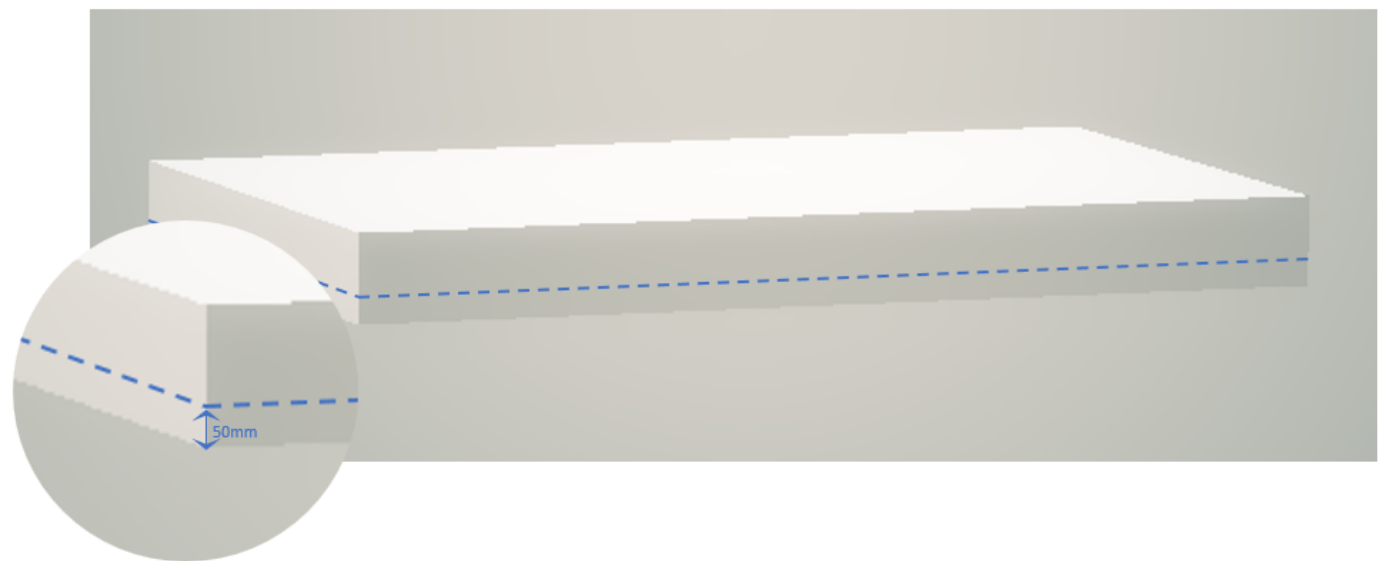
The blind is now assembled.

## Installing the assembled blind (requires two people)

Our skylight blinds are intended to sit on top of aluminium angle, which acts as a shelf. Using the aluminium angle will allow for the blind to be accessible if inoperable.

### Step 1:

Measure 50mm in from the base of recess on all sides and mark up. Blind must not be fitted closer than 1ft (12 inches) to the glass.





## Installation instructions for Skylight blinds

### Step 2:

Offer up the 25 x 25mm aluminium angle shelf to each edge of the recess, with the base of the shelf on top of the 50mm mark. Mark up pre drilled holes in recess using a pencil.



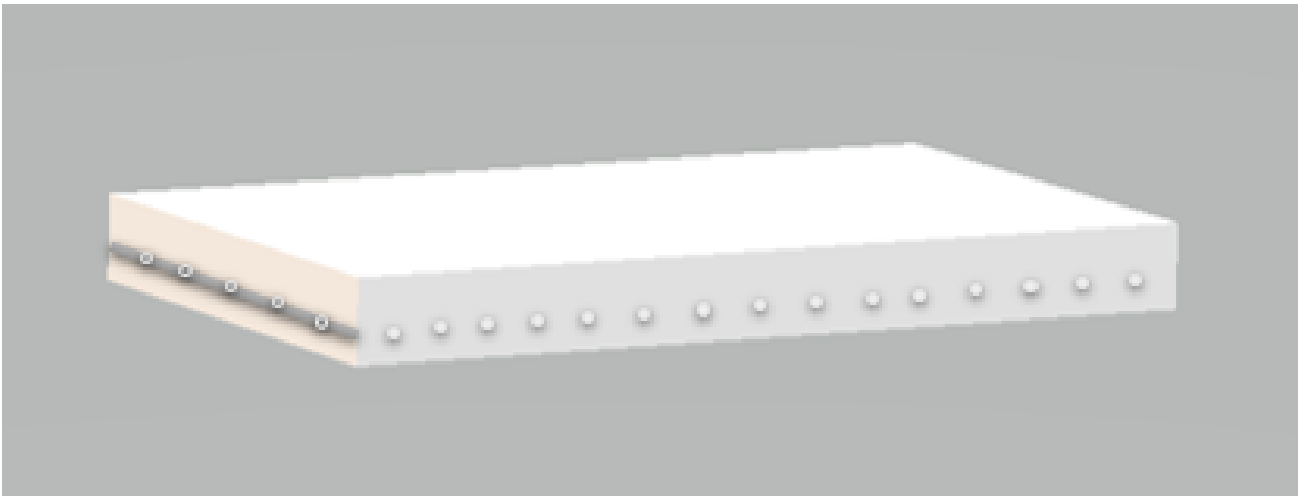
### Step 3.

Using a 3mm HSS drill bit predrill a hole. If timber is located, drill all holes using the 3mm drill bit. If there is a cavity behind the plaster, drill holes using 5.5mm masonry bit and insert red rawl plugs.

## Installation instructions for Skylight blinds

### Step 4:

Attach one piece of the aluminium shelf to one end of the recess using either long no6 screw to fix into timber or use 1 ½ no8's if fixing into plaster board.



Once one short side of the aluminium shelf has been fixed into position, one person will need hold the blind within the frame balancing on the aluminium shelf whilst the other fixes the opposite side of the shelf to the recess – once complete the blind will be able to rest in the recess with the two shelves support.



## Installation instructions for Skylight blinds

### Step 6:

The blind should not rest in place. Lift the frame of the blind up slightly to allow room to add the remaining aluminium angles (the long sides).



### Step 7:

Blind is now in place and ready to operate – IF manual or crank operation.



## Installation instructions for Skylight blinds

Manual operation – Louvolite operating wand:

- a) Locate operating wand over the handle and twist to lock onto blind handle.



- b) Keeping the operating wand straight, walk the blind to the open or closed position. (Operating the blind with the wand at an angle may cause unnecessary wear on the support fillos)



## Installation instructions for Skylight blinds

Crank operation:

a) Locate the crank handle onto the crank mechanism on the blind.  
Rotate the handle to open and close the blind.



## Installation instructions for Skylight blinds

Motorised operation – Battery/Solar:

- a) Fit the battery clips below the support shelf, (at base rail end) drill a 5mm hole through the support shelf for the cable.



- b) Attach the battery tube and thread the cable through the 5mm hole made in support shelf. Lower the blind to the cable is located between the frame and the support shelf.

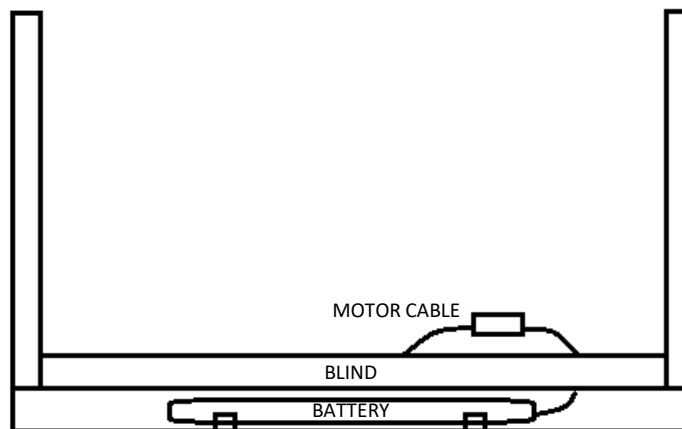


## Installation instructions for Skylight blinds

Motorised operation – Battery/Solar, connecting motor cable to battery.

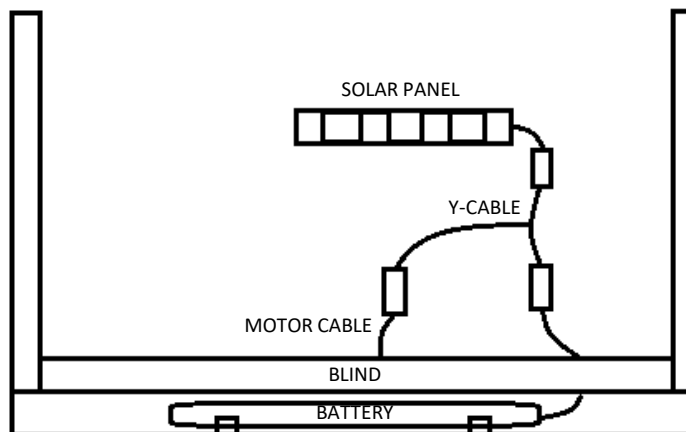
Battery only:

Connect motor cable to battery.



Battery with solar panel:

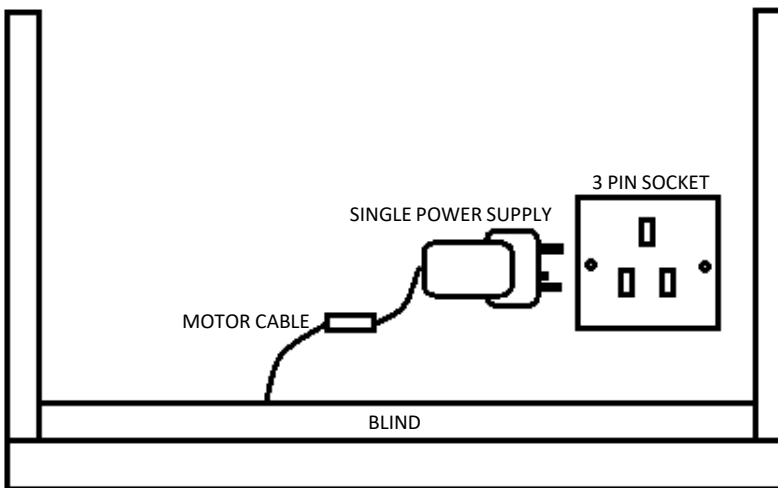
Connect battery motor and solar panel using Y-cable supplied.



## Installation instructions for Skylight blinds

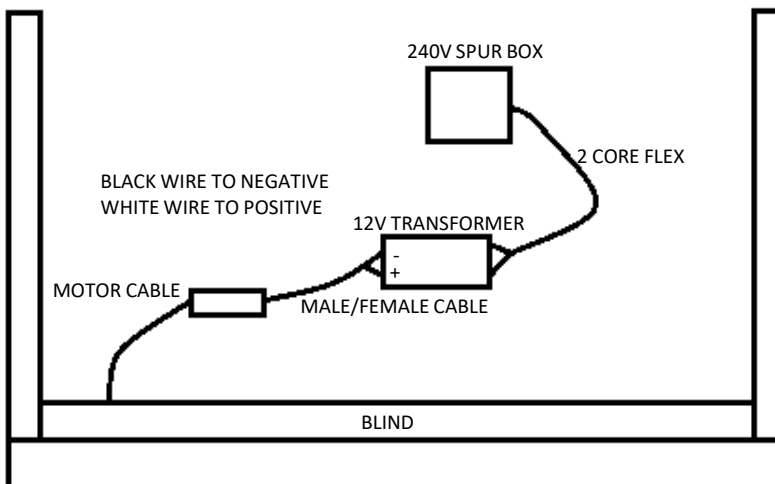
Motorised operation – Mains powered:

Mains powered (12v 3pin single supply):



Plug the motor cable into the single power supply connector. Then plug into power supply.

Mains powered (12v Transformer):



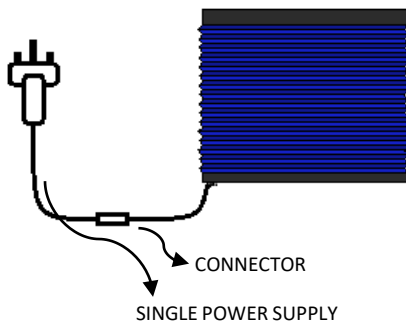
A 2.4m or 1.2m cable with female + male connector is supplied. Cut off male connector and strip to wire into the transformer. Female connects to motor connector.

If you are unsure how to wire into a spur, please contact a professional.



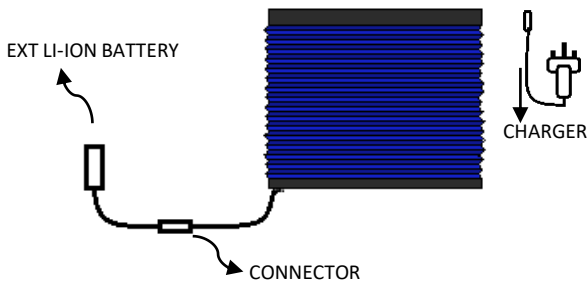
## 12v Motorisation options

### Mains powered single blind:



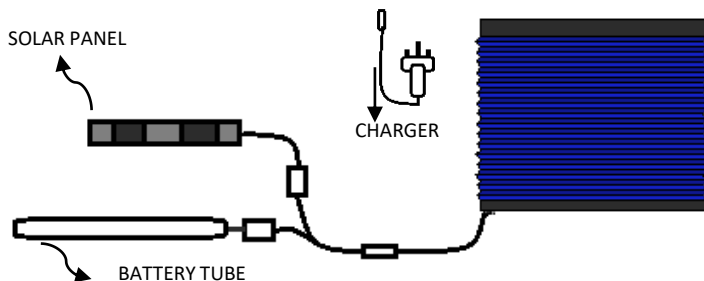
- 1 x T & L 25
- 1 x 12v AC/DC Power supply (T&L 25 – single blind)
- Handset of customers choice

### Battery only:



- 1 x T & L 25
- 1 x Charger for NiMH Batteries
- Handset of customers choice

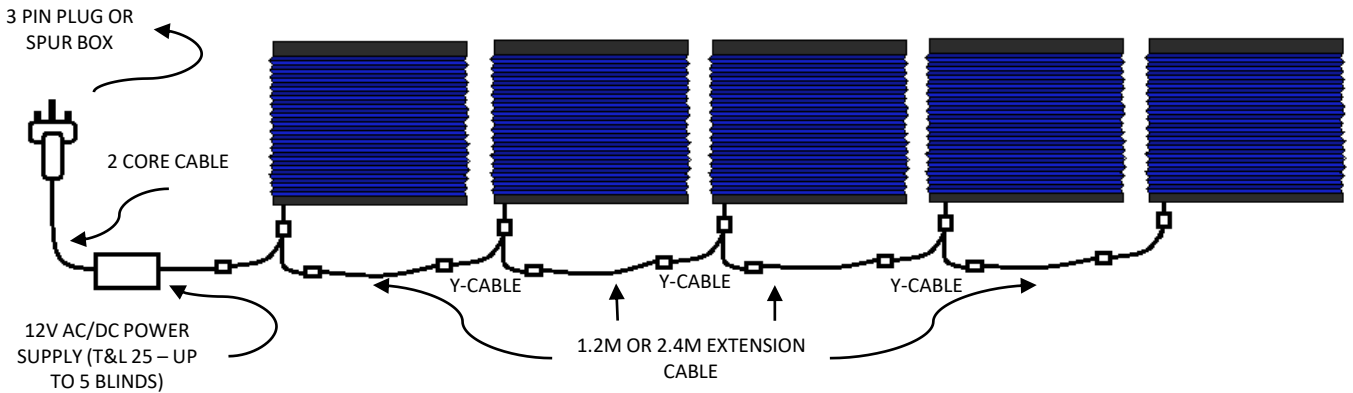
### Battery/Solar:



- 1 x T & L 25 with Solar
- 1 x Charger for NiMH Batteries (Needs to be provided as on gloomy days blinds may not charge due to lack of sunlight)
- Handset of customers choice

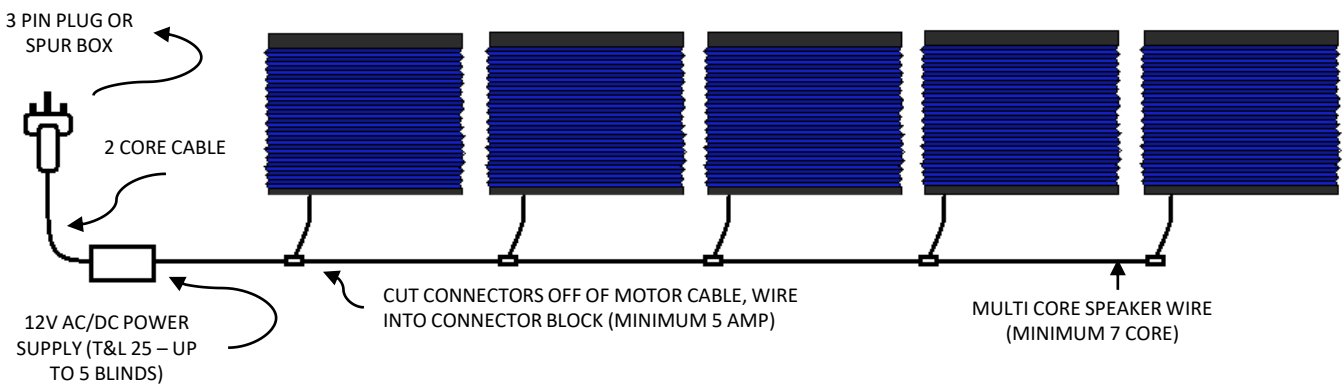
## 12v Motorisation options

If ordering cables:



- 5 x T & L 25
- 1 x 12v AC/DC Power supply (T&L 25 – Up to 5 blinds)
- 4 x Y-Cable
- Handset of customers choice

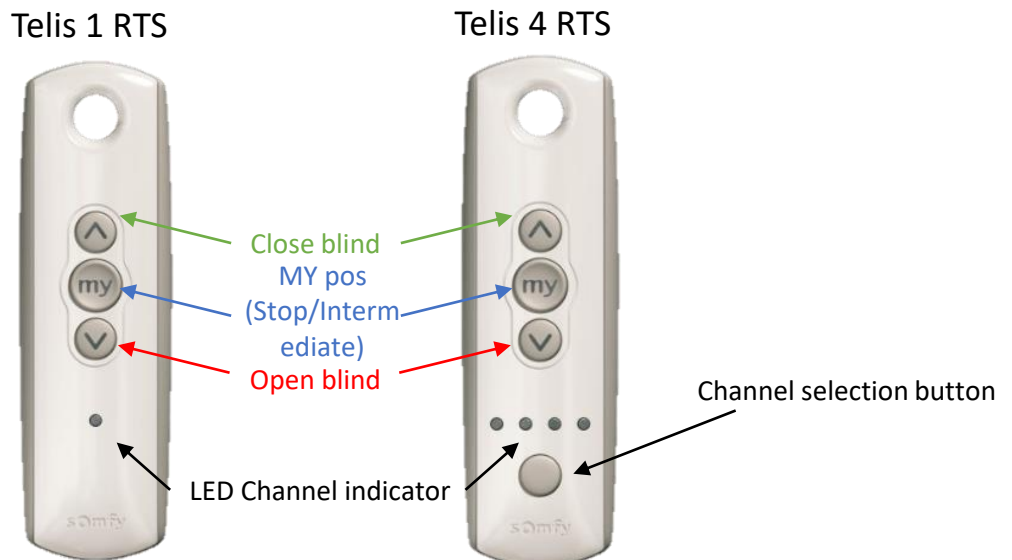
Using speaker wire:



## Installation instructions for Skylight blinds

Your motorised blind has been tested and limits have been pre-programmed. Should you require assistance in programming the blind, please contact your supplier for a programming guide.

Motorised operation – Remote:



The intermediate position is a position set by yourself which is neither open or closed – It is a MY position, meaning you can have the blind stop in a certain position that suits you.

To set this position you will need to:

1. Stop the blind in the desired position using the MY button
2. Hold the MY button in the desired position until the motor jogs

The position is then set up and can be reached by pressing the MY button when the blind is either open or closed.

To relocate the MY position – repeat the same process.

## Care instructions for Skylight blinds

- Your skylight is a low maintenance product.

### Fabric

- Thanks to a special manufacturing process, our fabrics are furnished with an antistatic finish and are therefore resistant to dust and dirt. The blind should be vacuumed on the back periodically to remove dust and flies. To do this, open the blind and stop it before it reaches the fully open position, using a soft brush attachment, vacuum the fabric (please ensure the hose vent is open to prevent the fabric being sucked into the attachment).
- DO NOT use cleaning sheets or wipes on any window blind as this may lead to blotting, staining or discolouration of the fabric.
- DO NOT soak pleated blind fabrics, the pleats are pressure creased and soaking will damage the folds on the fabric.
- DO NOT leave the pleated blind in the closed position for more than a couple of weeks, this can affect the folds on the fabric and may lead to improper function when the blind is opened. If this situation occurs fully open the blind (with fabric stacked tightly) and leave in this position for a few days, this is normally enough for the folds to reset back to their proper shape.
- When cleaning the glass and the window frame, make sure that no water or caustic cleaning agents come into contact with the pleated blind fabrics.
- No guarantee can be offered for damage to fabrics that is attributable to condensate, cleaning agents or soiling by insects.

## Care instructions for Skylight blinds

### Frames

- Periodically dust then polish the inside of the frame. This will ensure the operation rail runs smoothly and will keep the edges of the fabric clean.

### Motorised

- Motorised blinds should be fully opened and then fully closed at least once a week, this will ensure the working components remain free from dust build up.
- Somfy motors have a 5 year guarantee from date of product manufacture.

