

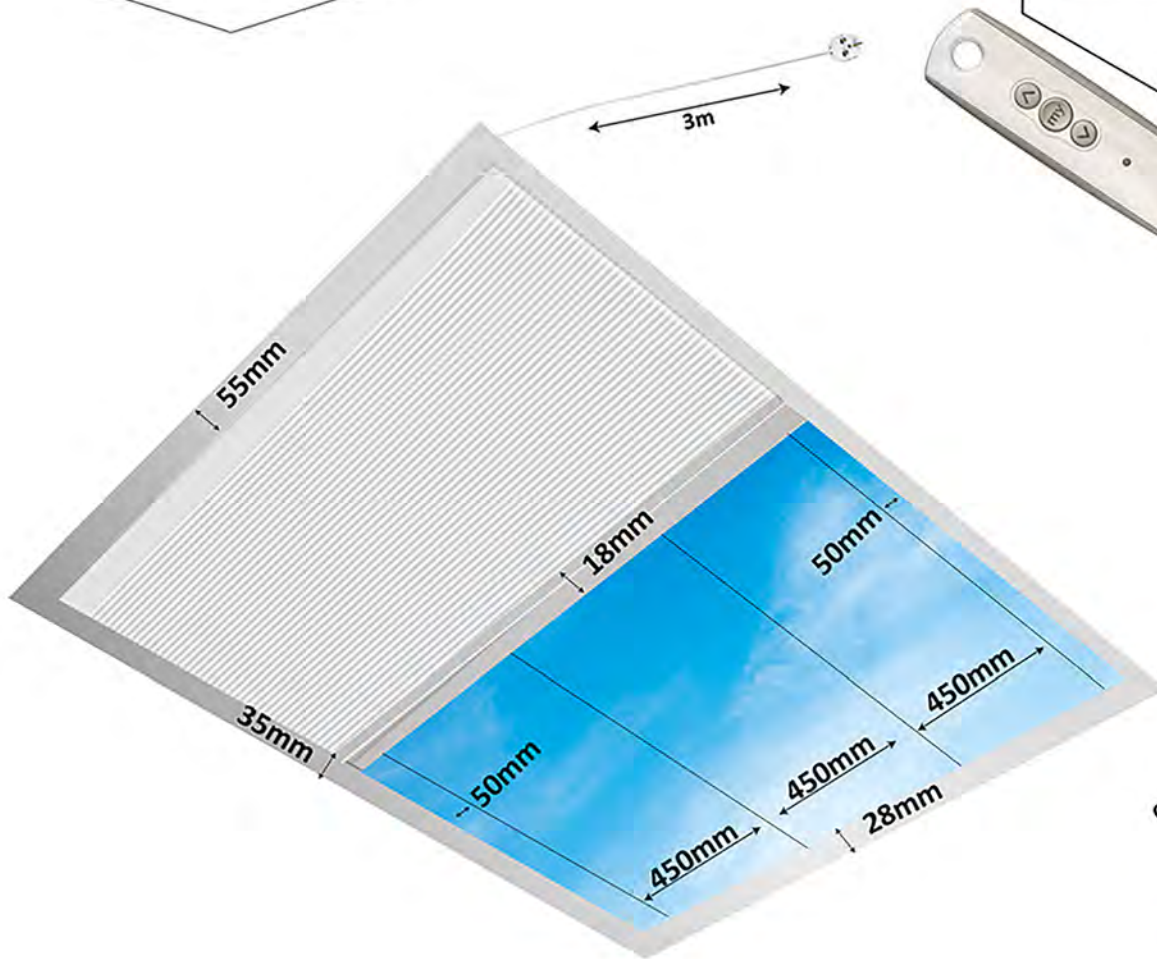


## Fitting Instructions

# LanternLITE™

The Honeycomb Overhead Roof Blind

available in sizes  
up to 3m x 8m



## Electric operation



Plug in hard wired



Solar powered

OR

## Manual operation



## Fabric

ANTIGLARE



## Options

BLACKOUT



Thermal

keeping you cool in the summer and warm in the winter

## Guide wires

There will always be 2 support wires  
(1 wire 50mm in from each side of the blind)

There will also always be 1 guide wire every 450mm

Equation : Width - 1000mm = xxxmm/450 = x.xx + 2

Eg: 1934mm wide blind will have 1934mm-1000mm  
= 1834mm/450mm = 4.07 wires

(if this is .5 or greater then round up eg 4.5 = 5, 4.07 = 4)  
so 4 + 2 this blind will have 6 wires.

## Installation Instructions for Honeycomb 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:

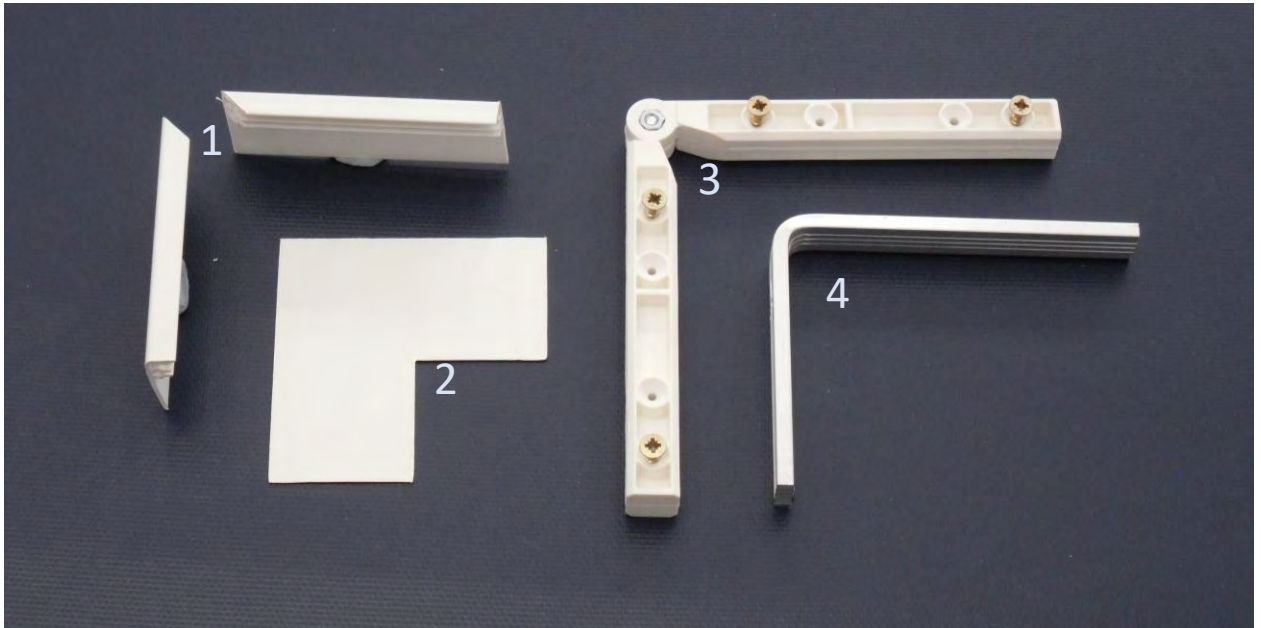


Fig 2: 4 x 90° cover profile

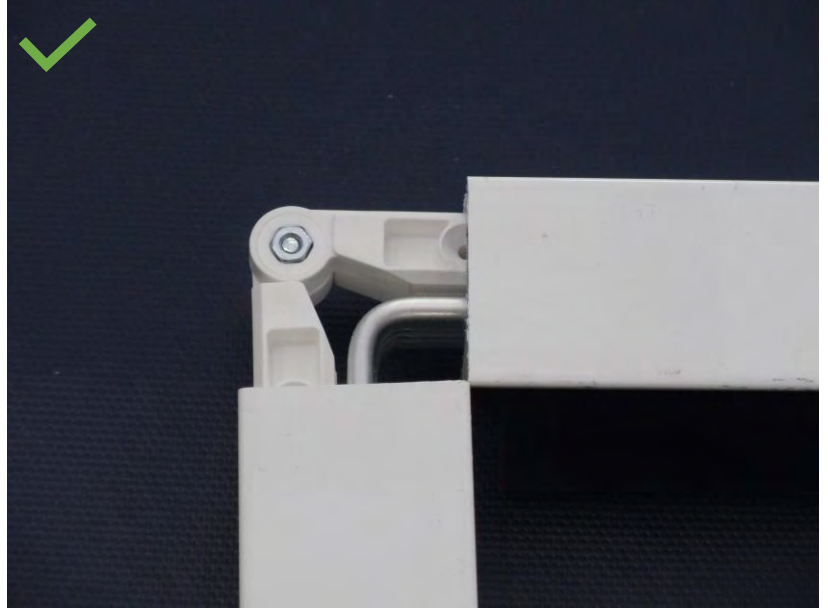
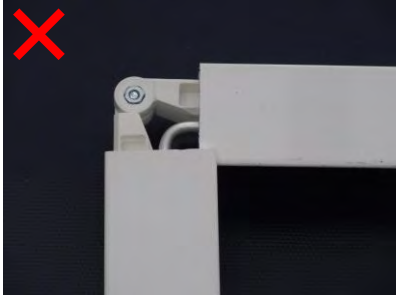
Fig 3: 4 x Corner joint

Fig 4: 4 x 90° brace

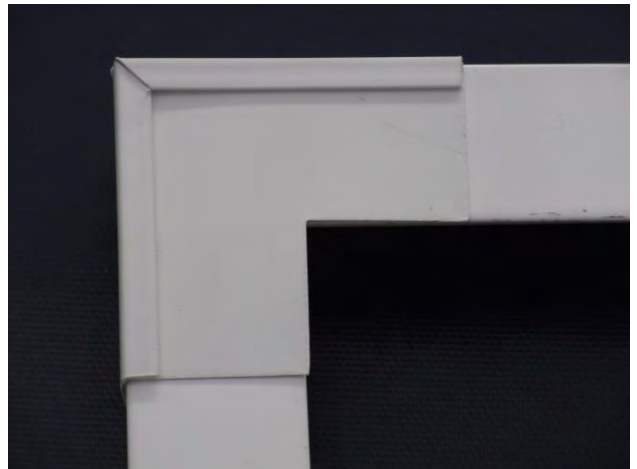
(all per blind)



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



Your frame should look like this:

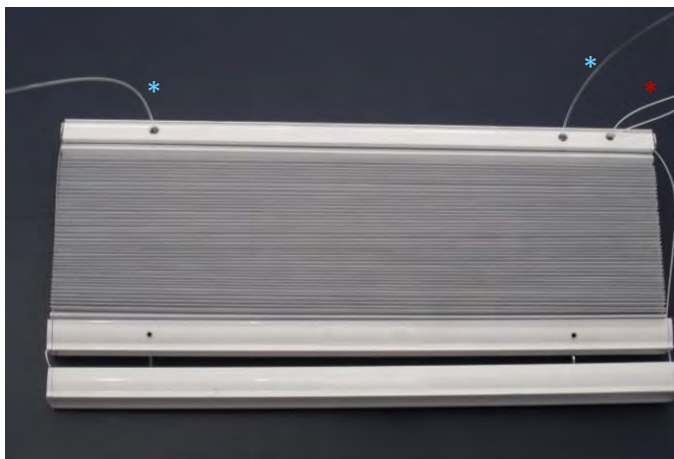


## Installing The Blind Into The Skylight Frame

1. Clip the blind into the frame – start the TOP RAIL end closest to the fabric.



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



\*Support filis

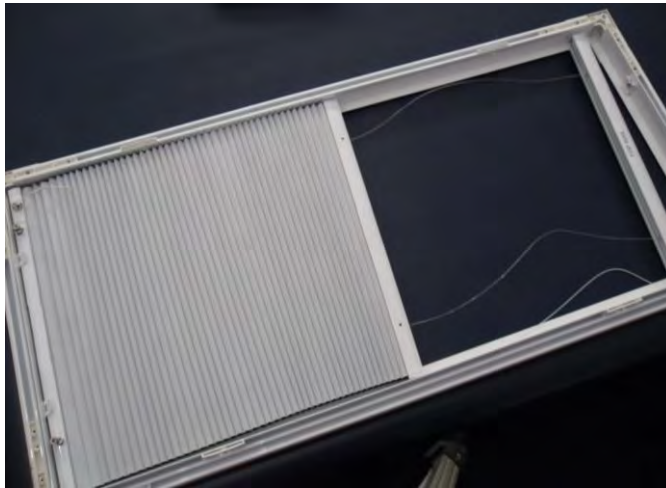
\*Tension cord (manual blinds only)

To be unwound within frame

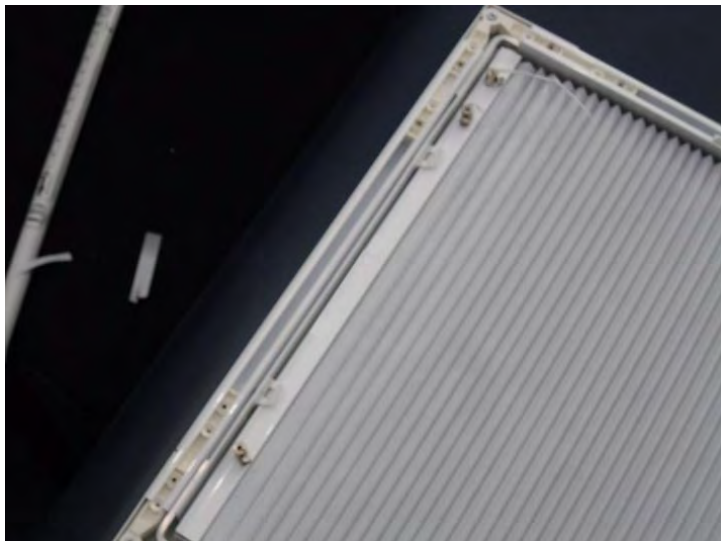
## Assembling the Blind

Installing the blind into the Skylight frame.

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

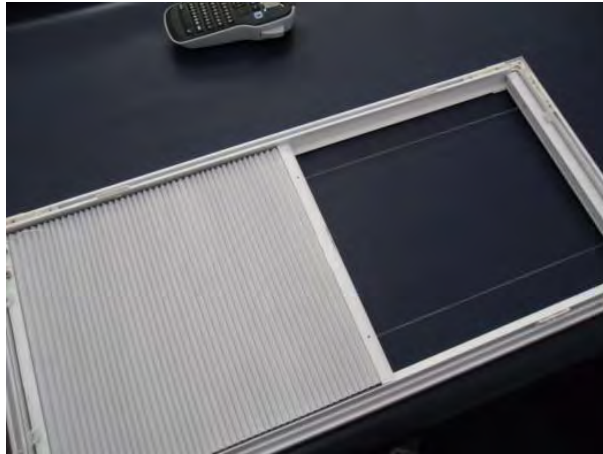


4. Check that no cords are tangled or catching on any corners or end caps also checking that the support fillos are pulled through to the base so the clamps are sitting in their holes.



5. Once you are happy that all cords are free, clip the **BOTTOM** rail into the frame. The blind is now assembled.

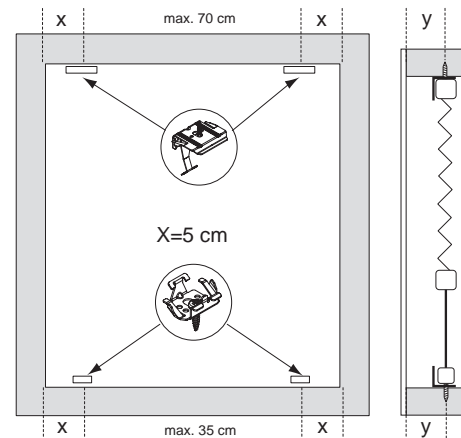
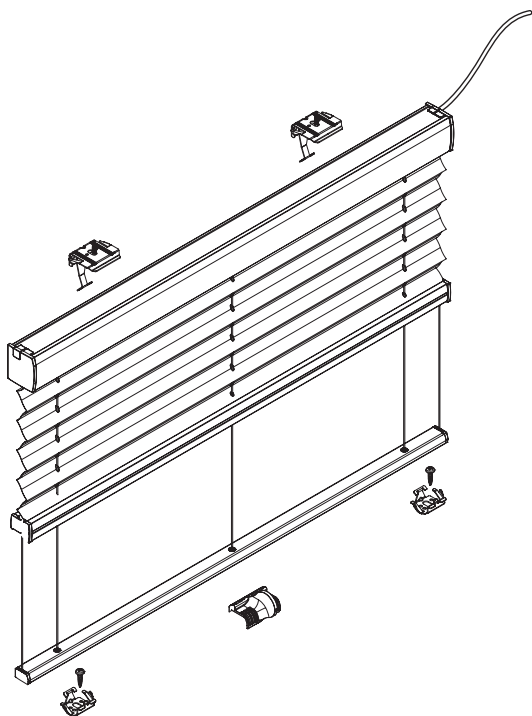
We have two system types, if your blind looks slightly different to this one, see the following page.



Do not damage the product when using a sharp knife to open the packaging! Fitting screws: Use a size-2 screwdriver (PO-ZIDRIVE) or use an electric screwdriver at it's lowest torque.

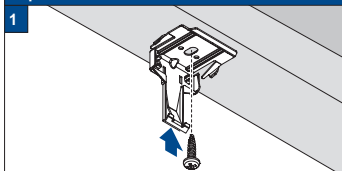
● Rail removal: Use a flat screwdriver of max. 6 mm wide. Only

use the original screws enclosed, to prevent malfunctioning from using too thick screw heads!



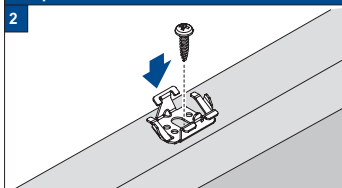
#### Clip installation

1



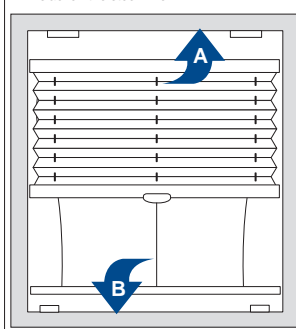
#### Footplate installation

2



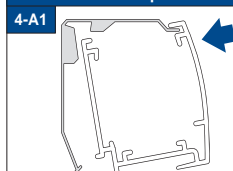
#### Installation sequence

4 Note: if necessary, before clicking the rail into place, slacken the steel wire

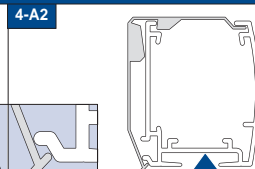


#### Rail installation sequence on Clips

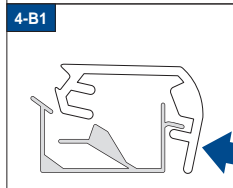
4-A1



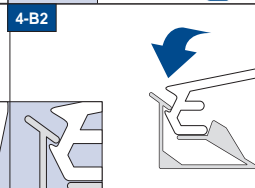
4-A2



4-B1

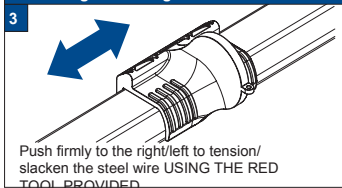


4-B2



#### Tensioning/slackening the steel wire

3



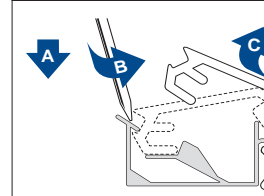
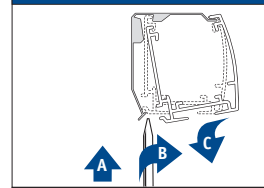
#### Connection

5

The built-in motor (24 V DC) with automatic end position adjustment may only be connected to the 230V mains using a stabilized 24 Volt DC Power Supply.

● **Only use Power Supplies and controls recommended by the manufacturer of the Pleated Blind, to prevent damage or malfunctioning caused by non-compatible electric components!** When connecting electric components, the wiring diagram provided by the manufacturer of the Power Supply must be observed.

#### Removal





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 the barrel clamp slightly to pull the cord through, then re-tighten 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.

## Installation instructions for Skylight blinds

### 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:

Offer up the 25mm x 25mm aluminium angle shelf to each edge of the recess, with the base of the shelf in line with where you measured.

Mark up the pre-drilled holes in the angle inside the recess using a pencil.



#### Step 2:

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.

### Step 3:

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.



### Step 4:

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 as support.



### Step 5:

The blind should now rest in place. Lift the frame of the blind up slightly to allow room to add the remaining aluminium angles (the long sides).



### Step 6:

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



## Manual operation – Operating Wand For Blinds upto 2m long

- 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)





## Manual Operation - Crank Handle For Blinds over 2m long

- 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:**

- Your mains powered Honeycomb blind is powered by a Somfy® Tilt 25 motor which is housed in the head of the blind
- The power source for your blind is a lithium battery pack which you fit underneath the head of the blind . See Fig .1
- When you receive your blind please charge the battery pack overnight with the charger provided
- Once the blind is fitted attach the solar panel to the battery pack (the solar panel trickle charges the battery for a longer life)
- You can fit the solar panel anywhere above the blind, but it is most discrete fitted above the head of the blind
- Your Somfy® remote has been synchronised in the factory so should work as soon as the power is connected
- When eventually you notice that your blind is running slower than normal you can charge the blind in situ (without having to take it down using an extension wire)

- 1) Fit the battery clips below the support shelf at the head of blind
- 2) Fit the battery box into the battery brackets.
- 3) Drill a 5mm hole through the support shelf for the Y cable.
- 4) Thread the cable through the 5mm hole and connect one end of the Y cable to the motor.
- 5) Fix the solar panel using the brackets provided above the blind.
- 6) Connect the other end of the Y cable to the solar panel.

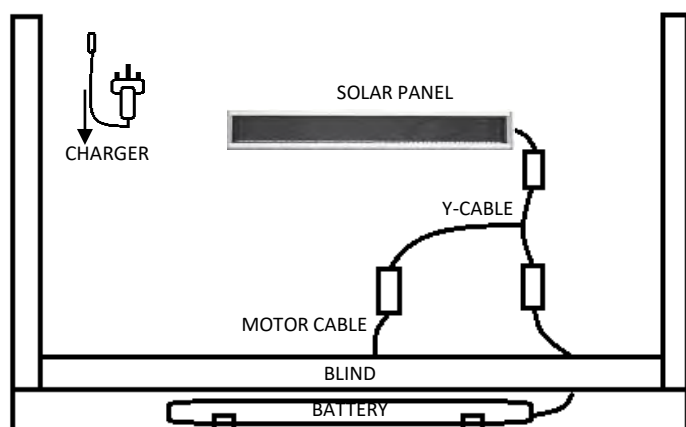
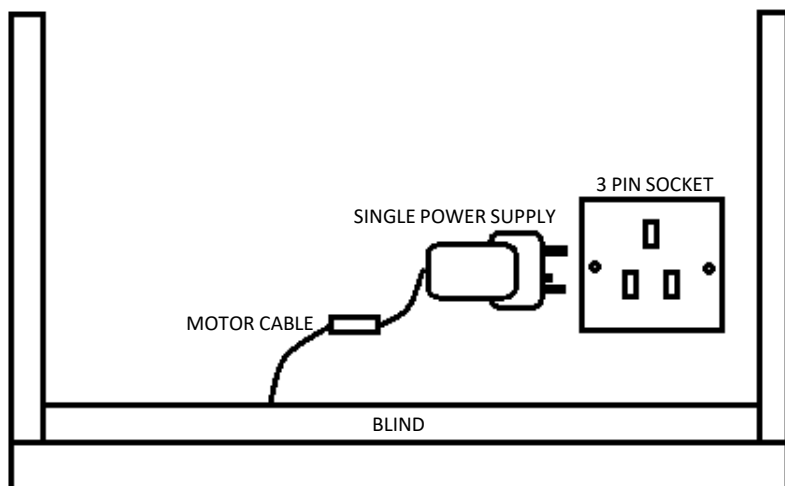


Fig 1

## Motorised operation – Mains powered:

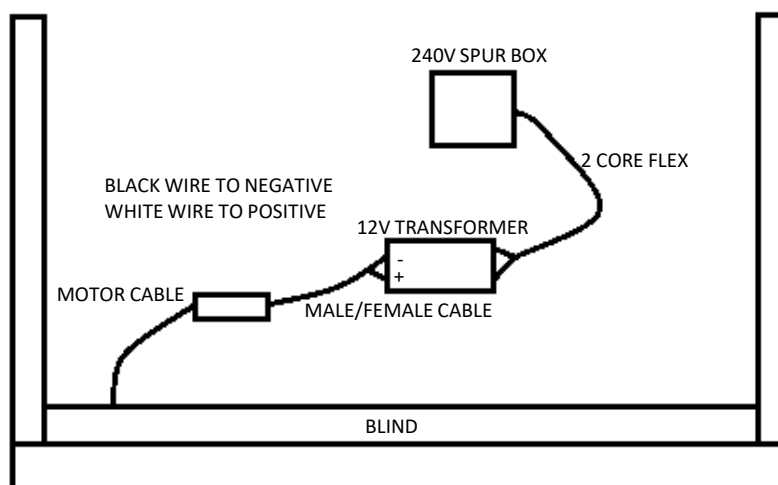
- Your mains powered Honeycomb blind is powered by a Somfy® Tilt 25 motor which is housed in the head of the blind
- A 3m cable is attached to the motor
- There is a power adapter (transformer) attached to the 3m cable
- The best and easiest way to power this blind is by fitting a standard 3 pin plug socket above your blind.
- Once the blind is fitted, plug the power adapter into your 3 pin plug socket
- Your Somfy® remote has been synchronised in the factory so should work as soon as the power is connected

### 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):

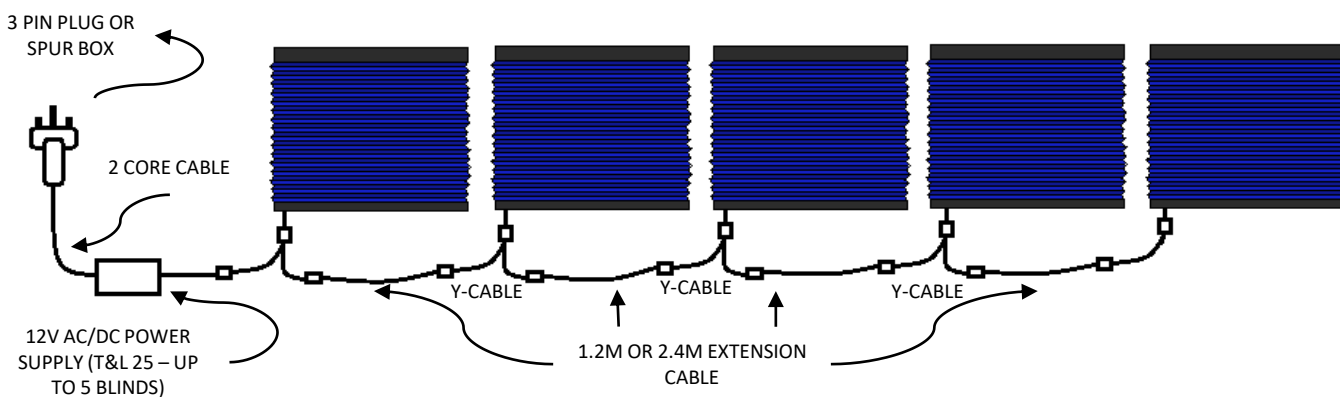


A 2.4m or 1.2m cable with female + male connector is supplied. Cut off male connector and strip to wire into the transformer. Female connects to motor connector.

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

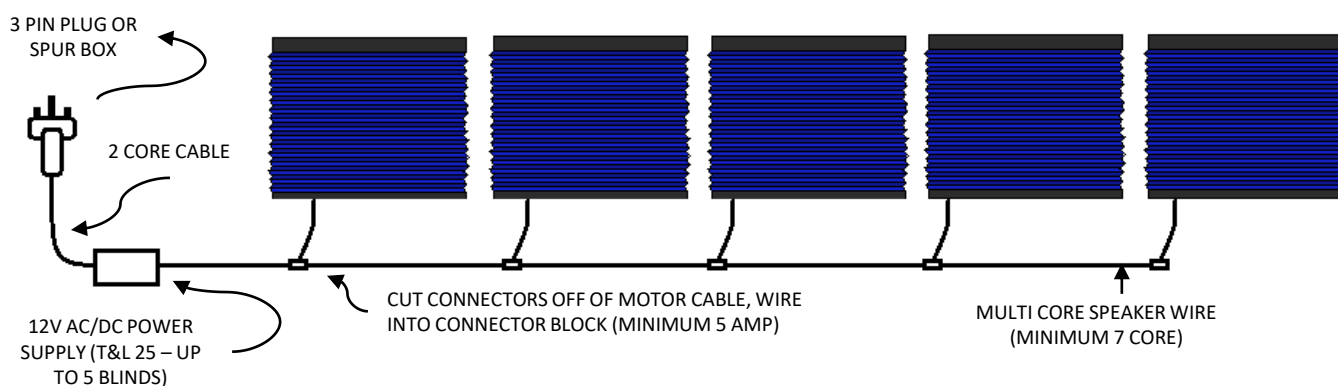
## 12v Motorisation options

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

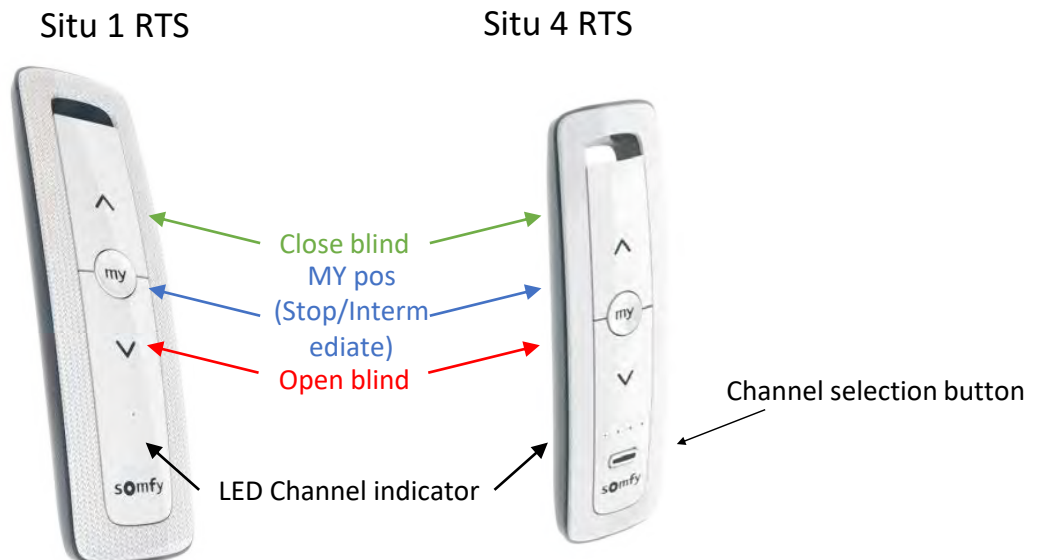
Using speaker wire:



## Installation instructions for Skylight blinds

Your motorised blind has been tested and limits have been pre-programmed.

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.

