

# ROOF MAKER

WORLD CLASS ROOFLIGHTS



PRODUCT SPECIFICATION AND INSTALLATION GUIDE  
FIXED CONSERVATION LUXLITE™ (WITH BLACKOUT BLINDS)

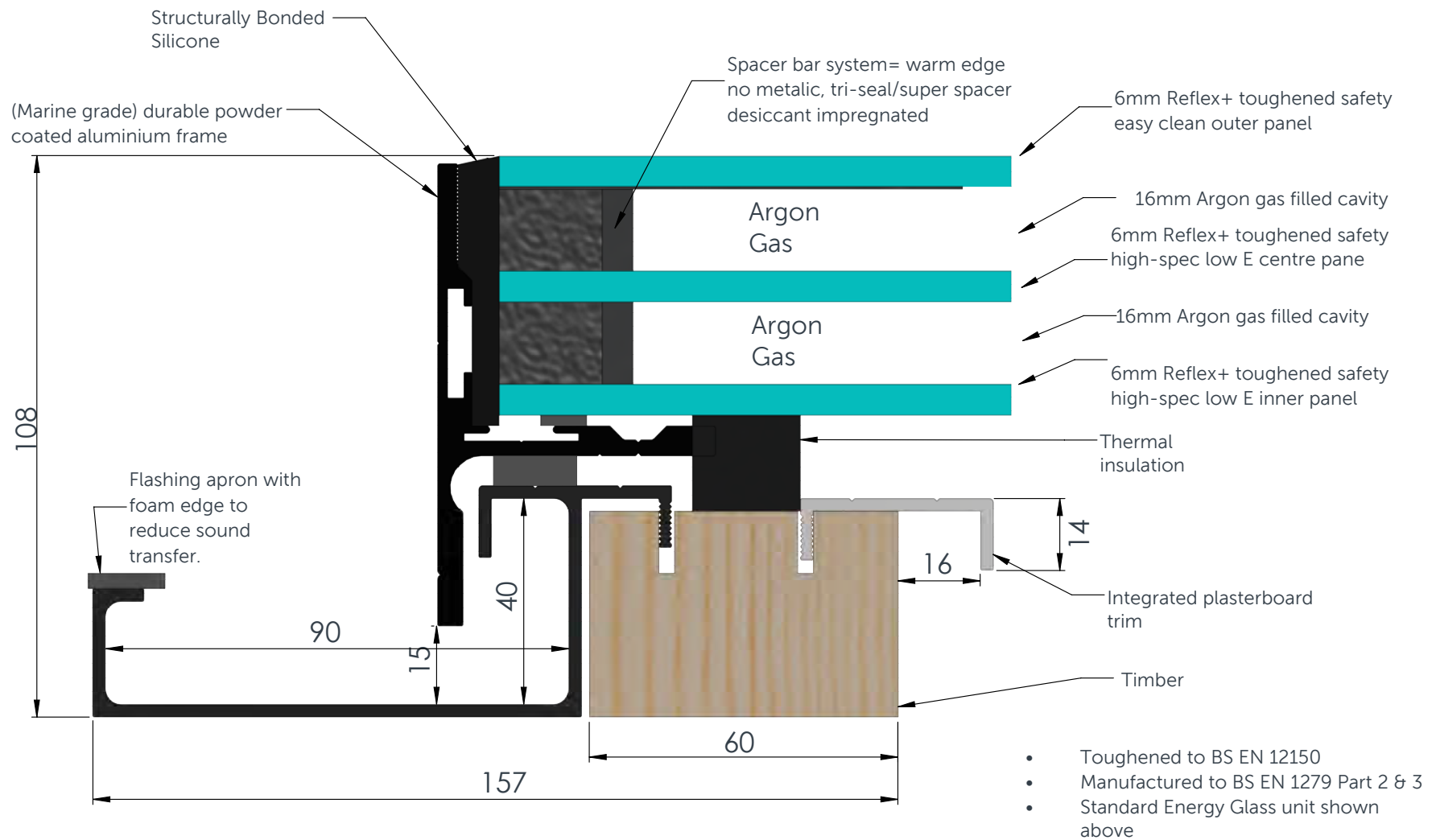
## FIXED CONSERVATION LUXLITE™ WITH BLACKOUT BLINDS: PRODUCT SPECIFICATION AND INSTALLATION GUIDE

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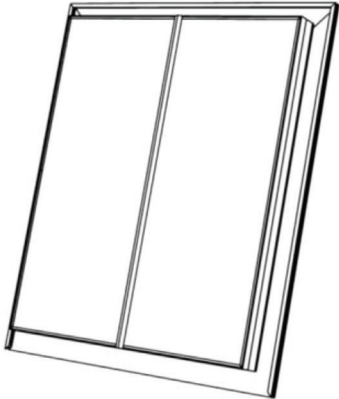
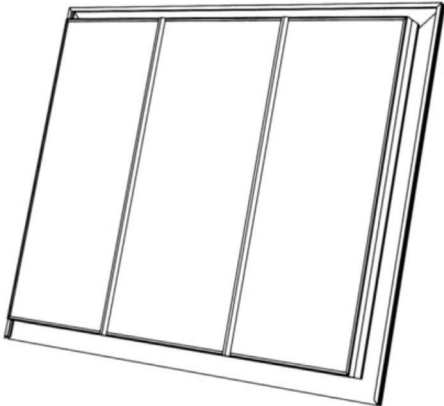
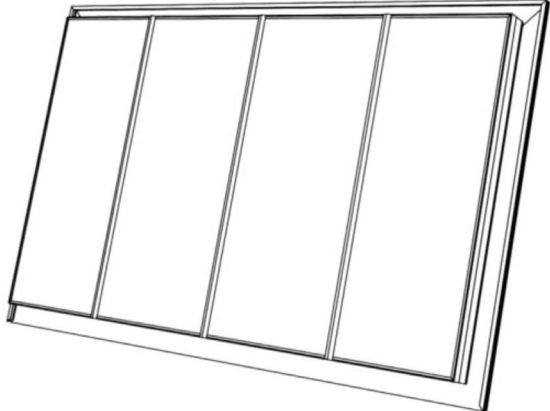
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## FIXED CONSERVATION LUXLITE™: STANDARD PRODUCT SPECIFICATION



CONSERVATION LUXLITE™: SPLIT BAR CONFIGURATION GUIDE

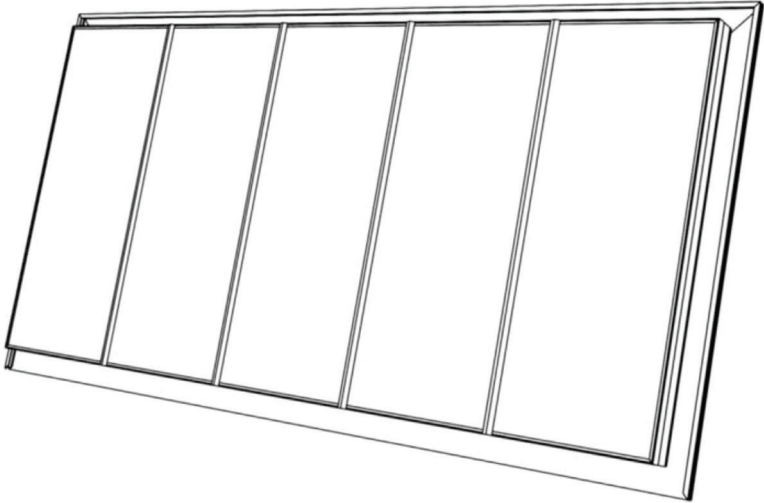
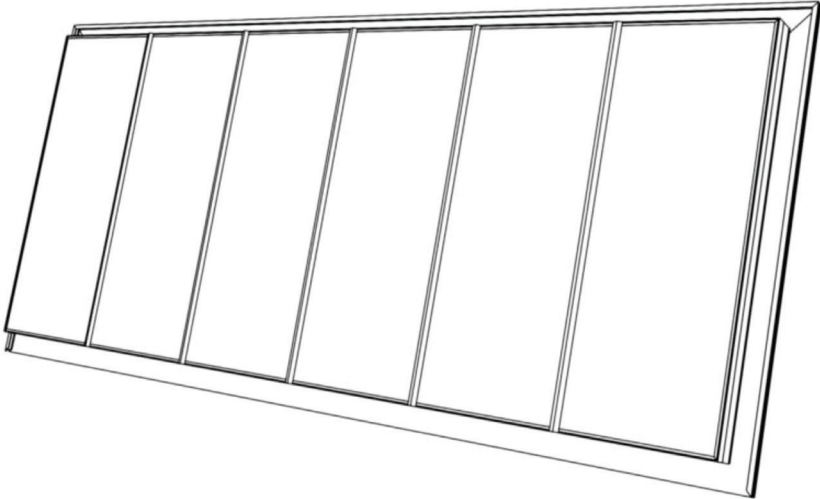
This guide shows the number of split bars that will be structurally bonded to the surface of the glass as standard, which is dependent on the width of your Conservation Luxlite™. This will be the same for both fixed and opening variations. However, the number of split bars can be increased or decreased based on your specific requirements, which can be discussed with a member of the sales team when you make an enquiry.

Number of split bars:	1 split	2 splits	3 splits
Width of rooflight:	400mm - 1000mm	1001mm - 1500mm	1501mm - 2000mm
Image:			

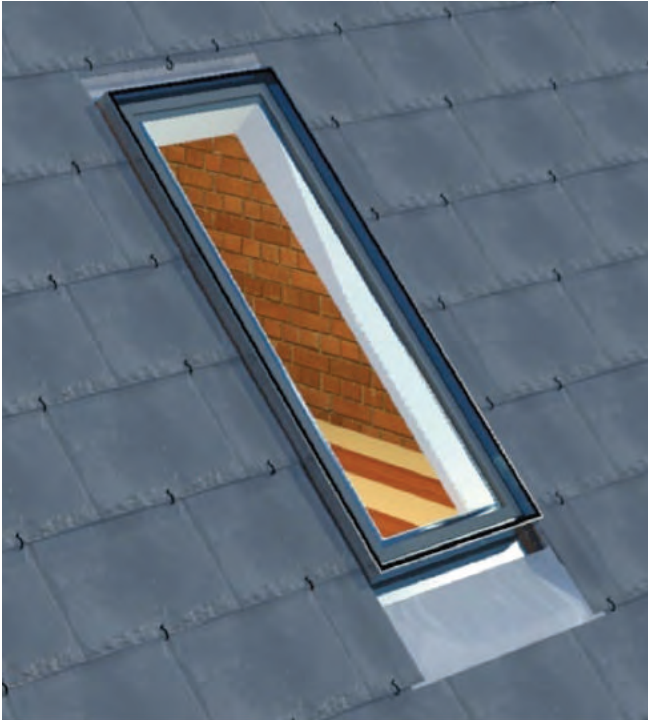
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CONSERVATION LUXLITE™: SPLIT BAR CONFIGURATION GUIDE

Number of split bars:	4 splits	5 splits
Width of rooflight:	2001mm - 2500mm	2501mm - 3000mm
Image:		

## FIXED CONSERVATION LUXLITE™: INSTALLATION INSTRUCTIONS



### ON DELIVERY OF YOUR NEW FIXED CONSERVATION LUXLITE™, YOU WILL RECEIVE;

- Fixing brackets and screws (come packaged in a cardboard box)

### IN ADDITION, YOU WILL NEED;

- Silicone Adhesive Sealant (high quality; Dow Corning 791 recommended)
- Drill, bits and screws as required
- Materials to prepare a wedge (as outlined in the guide)
- Lead flashing - code 4 recommended or suitable alternative (as outlined in the guide)

### INSTALLATION GUIDE

Please make sure you read through all steps and understand all requirements before beginning assembly.

Please ensure you adhere to the correct guidelines for moving heavy objects and working at height. Be sure to use the correct lifting equipment.

**PLEASE NOTE:** You must not use glass suction pads to lift the unit on to the roof, as this can compromise the glazing seal. The unit will come with timber feet attached to the four corners, which we suggest should be used to handle the unit. If the use of a crane is required, either securely place the unit on to a pallet or attach additional timber to the existing timber feet, so the crane straps can be looped around securely. Avoid putting pressure on the built in flashing apron.

GUIDE WEIGHTS Triple Glazed	
Size (mm)	Weight (kg)
400x400	27
600x600	43
900x700	63
1400x700	88
1000x1000	87
1500x1000	120
2000x1000	152
2400x1000	178
3000x1000	217
1500x1200	138
2000x1200	175
2400x1200	205

PLEASE NOTE - weights stated can vary and work to a +/- 10% tolerance. We can provide weights for sizes not listed

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Mon-Fri 9-5pm

## STEP ONE

### FIT TRIMMERS TO YOUR RAFTERS

The internal dimensions of the aperture created by your trimmers and rafters should match the size of the Luxlite™ you ordered. (e.g. for 2000x1000mm Luxlite™, the internal dimensions of your aperture should be 2000x1000mm).

Fit trimmers across the rafters adjacent to the aperture, and a beam across the trimmers, as shown. These additional structural members will support the tile battens around the rooflight.

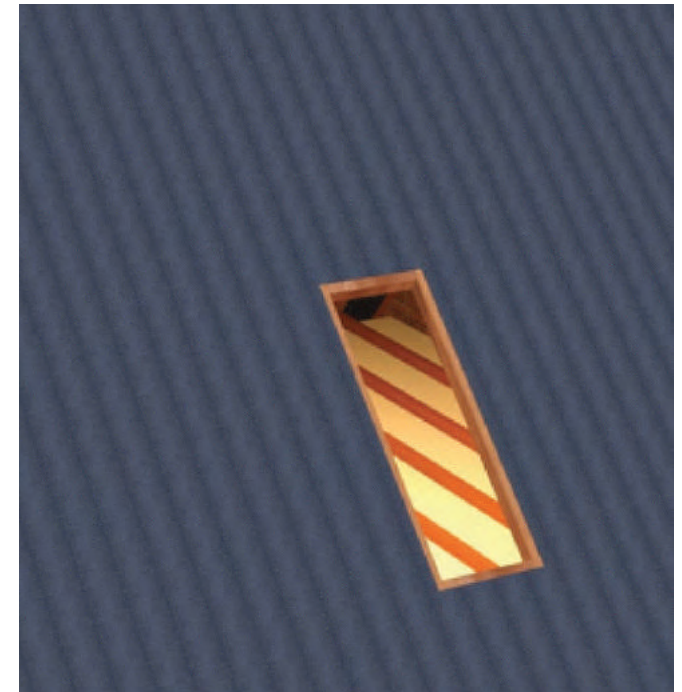


Internal aperture

## STEP TWO

### FIT UNDERFELT TO YOUR ROOF

Fit underfelt to your roof. The underfelt should extend to the rim of the aperture where your Luxlite™ will be installed. Seal the underfelt to the timber around the aperture.





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## STEP THREE

### PREPARE AND FIT A WEDGE BELOW YOUR APERTURE

The bottom of the wedge should meet level with the tiles that will be installed later. This can be determined by trial fitting the Luxlite™ assembly. The wedge should be at least as wide as the Luxlite™ apron. The position and angle of the wedge is dependent on the roof type set out.



## STEP FOUR

### COVER THE WEDGE WITH FLASHING

Cover the wedge installed in the previous step with flashing (flashing and wedge not provided). The flashing width should be at least 100mm (either side) greater than the Luxlite™ apron. It is also important that the highlighted edge of the flashing (left) is tucked underneath the Luxlite™ apron.

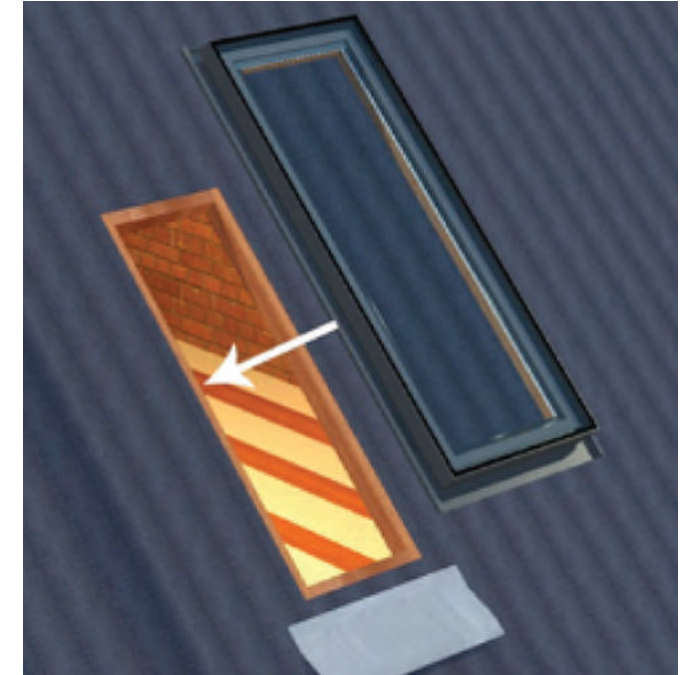


## STEP FIVE

### BRING YOUR LUXLITE™ INTO POSITION

Bring your Luxlite™ into position and align it so that it is centred on your aperture.

Seal the interface between the Luxlite™ and the aperture with silicone.



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## STEP SIX

### FIX YOUR LUXLITE™ TO YOUR ROOF

Use the screws and brackets provided to fix your Luxlite™ to your roof. You should have enough brackets to fix the rooflight at approx. 500mm centres around the internal perimeter.



## STEP SEVEN

### FIT TILE BATTENS TO YOUR ROOF

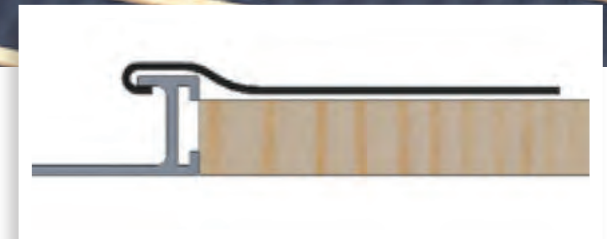
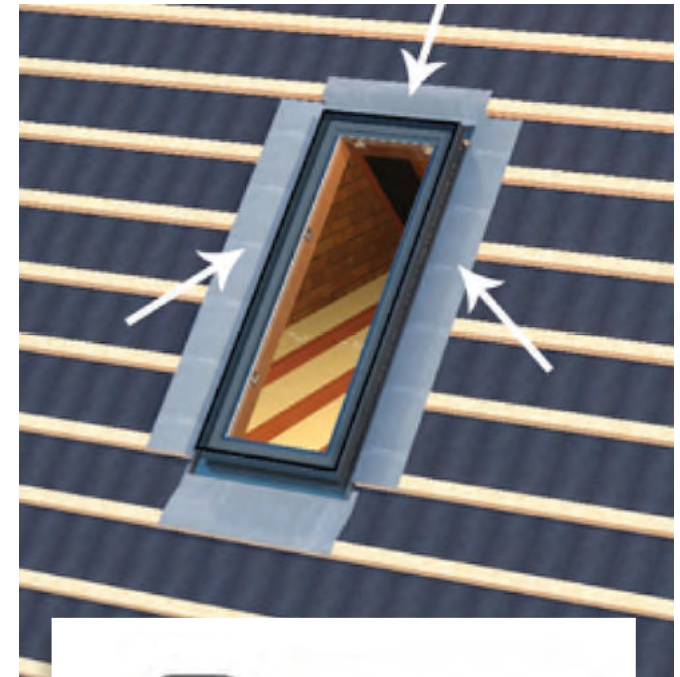
Tile battens can now be fitted to your roof. The battens should be flush with the edge of the Luxlite™ aluminium apron.



## STEP EIGHT

### FIT FLASHING TO COVER THE BATTENS

Seal the flashing beneath the lip of the apron and drape over battens. Tiles will sit over this flashing.





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## STEP NINE

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### FIT TILES TO YOUR ROOF

You are now free to fit tiles to your roof. The Luxlite™ has been designed so that your roof tiles can overlap the apron, leaving little aluminium exposed for a minimalistic aesthetic.



## STEP TEN

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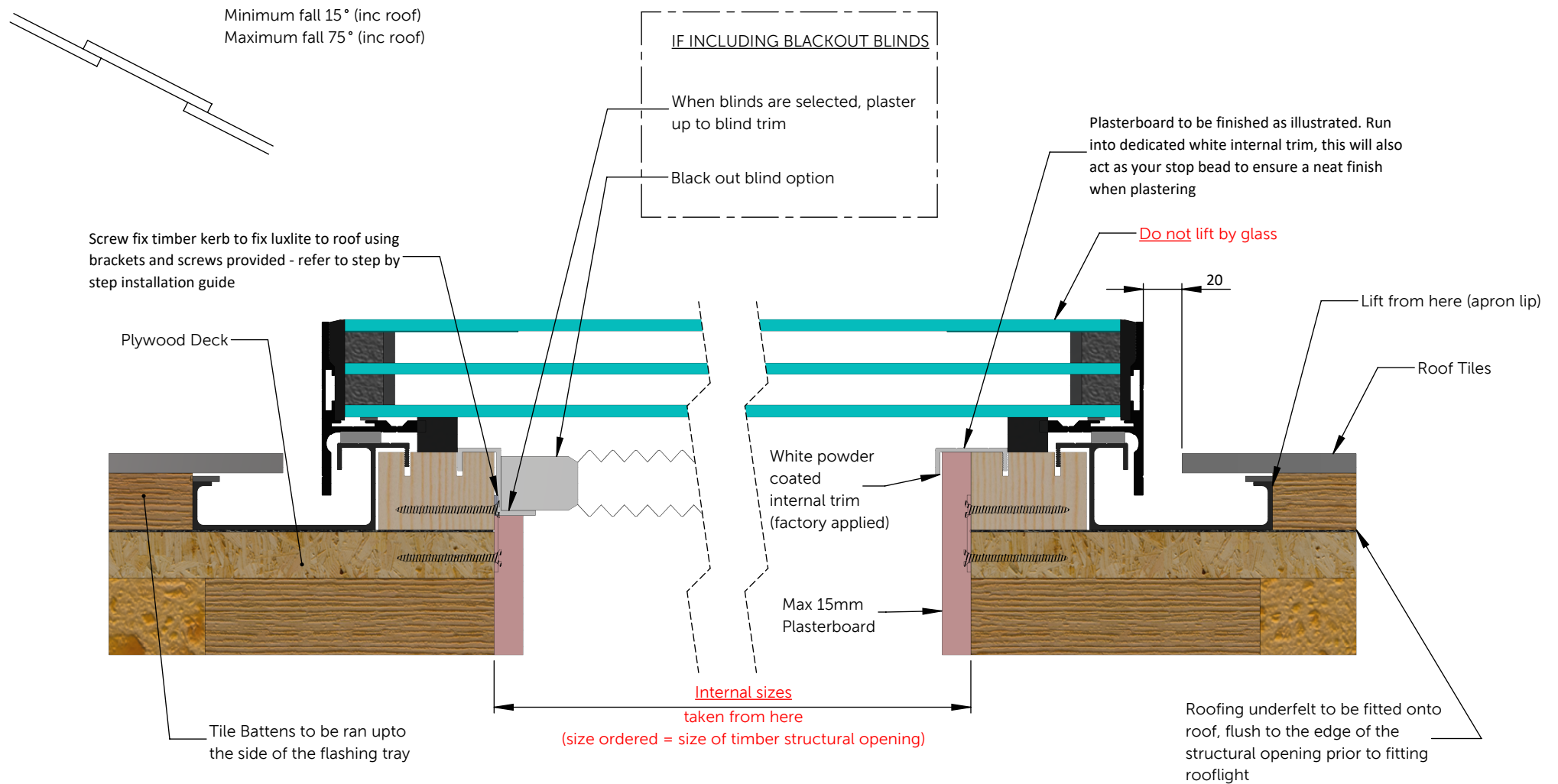
### PLASTERBOARD TO FINISH YOUR LUXLITE™ ASSEMBLY

Apply plasterboard to the internal faces of your aperture. The plasterboard is to be applied up to the internal trim of the Luxlite™ (for plastering finish guidelines, please follow the roof section fitting guide on page 10).

Your Conservation Luxlite™ is now fully installed.



## ROOF SECTION FITTING GUIDE





## BLACKOUT BLIND CORD CONFIGURATION GUIDE

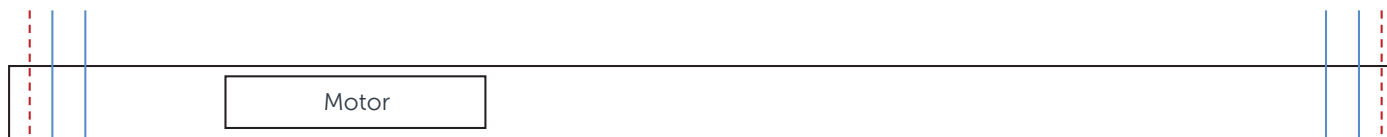
### REFERENCE: PROPOSED CORD & NYLON CONFIGURATION PER ROOF BLIND

KEY:

— Spooling cord – this cord travels through the central section of the fabric. Cords are paired together as an 'extend & return' system. Cord pairs are spaced 20mm apart. Spooling cords are visible when the blind fabric is compressed closed.

- - - Support nylon – this semi-transparent nylon cord is fitted to provide fabric support. Nylon cords are visible when the blind fabric is compressed closed.

Motor position is defined as looking at the underside of the headrail where the motor and cord spooling componentry are exposed.



THIS SET UP APPLIES TO ALL ROOF BLINDS 500MM TO 699MM WIDE



THIS SET UP APPLIES TO ALL ROOF BLINDS 700MM TO 1100MM WIDE



THIS SET UP APPLIES TO ALL ROOF BLINDS >1100MM TO 1400MM WIDE



THIS SET UP APPLIES TO ALL ROOF BLINDS >1400MM TO 2000MM WIDE

## CONNECTING YOUR REMOTE-CONTROLLED BLACKOUT BLIND

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### INTRODUCTION

Thank you for purchasing a blackout blind with your new rooflight. This guide will explain how to install your remote-controlled blackout blind.

### WHAT COMES WITH MY BLACKOUT BLIND?

- blind and motor housing (factory fitted to your rooflight)
- White perimeter blind trim (factory fitted to your rooflight)
- 1 x 2400mm extension cable (factory fitted to your rooflight)
- 1 x boxed, Somfy remote-control. This will be given to you when your rooflight is delivered.
- 1 x boxed, Somfy 3 pin power adapter with 3000mm cable. This will be given to you when your rooflight is delivered.



## STEP ONE

**PREPARATION IS REQUIRED IN THE CEILING VOID OF THE ROOM BELOW YOUR ROOFLIGHT IN ORDER TO PROVIDE A POWER SOURCE TO YOUR BLIND. THIS GUIDE COVERS EACH STEP REQUIRED TO COMPLETE THE SET-UP.**

The blackout blind is factory fitted to your rooflight and will be in place when you take delivery of your unit. On the inside of your rooflight, you will see a white surround trim, fitted to the internal perimeter of the built-in upstand/frame. When the blind is fully retracted the blind motor housing will be clearly visible at one end. You will also see guide cables extending from one side to the other. These run the length of the rooflight, with the number and arrangement varying dependent on the size of the blind.

When positioning your rooflight, be careful not to catch these cables or pull them with any force..

**ILLUSTRATION SHOWING THE UNDERSIDE OF A LUXLITE™ ROOFLIGHT WITH A BLIND**

**Motor housing**

located at the end where your blind folds back.

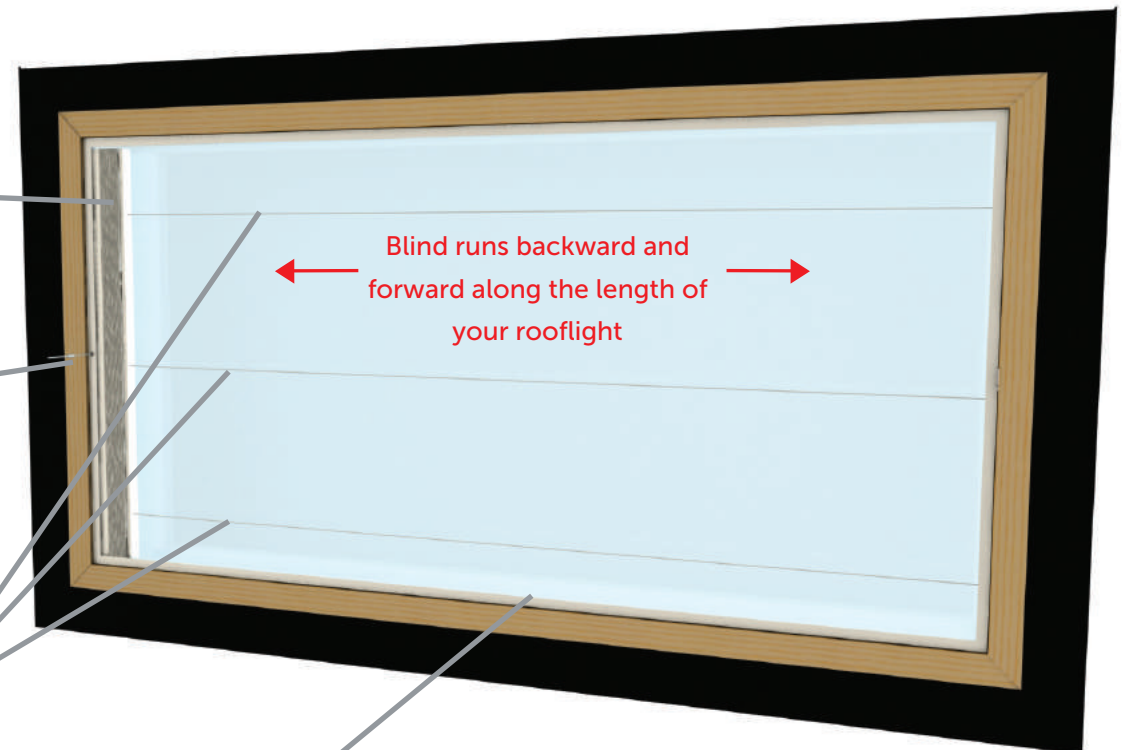
**Power cable**

the electric cable will be located at the same end as the motor housing.

**Guide cables**

Quantity and arrangement will be dependent on the size of your unit.

White perimeter blind trim.



## STEP TWO

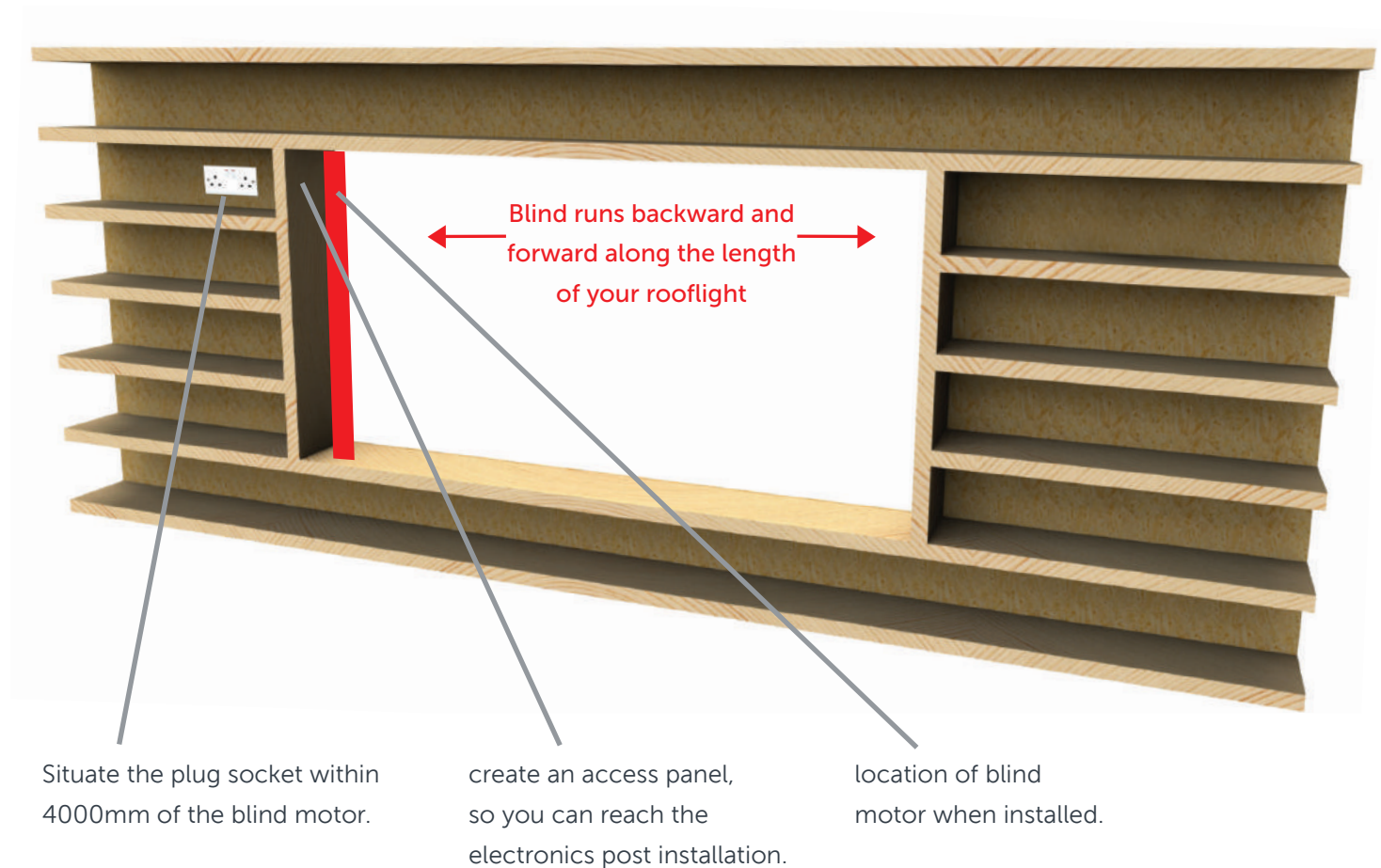
### TO POWER THE BLINDS.

A standard 3 pin plug needs to be located in your ceiling void area, within 4000mm of the blind motor.

We recommend creating an access panel so you can easily reach the installed electronics at a later date if required.

We advise that you do not plaster the ceiling in the room below until the rooflight is fitted and the blinds have been wired in. This will provide a clear area to work, allowing you to make last minute adjustments and avoid the blind cables being stretched unnecessarily if you need to achieve more slack.

The blind will move forwards and backwards as the arrows indicate.



## STEP THREE

### YOU ARE NOW READY TO INSTALL YOUR ROOFLIGHT.

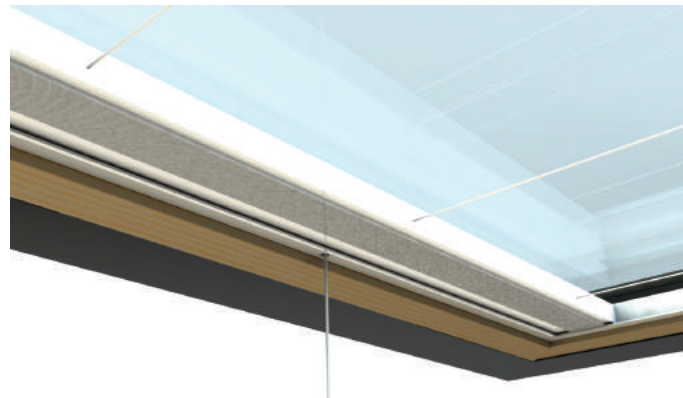
Once your rooflight has been installed, you will be ready to connect your blinds to your power source. You will see the coiled electrical cabling below your blind motor housing. The cable feeds through a pre-drilled hole in the white perimeter blind trim, up to the blind motor. This is the 2400mm extension cable. Unwind the cable, ensuring you do not allow the connection in the wiring to be pulled out of the hole.

Run the cable straight down the reveal.

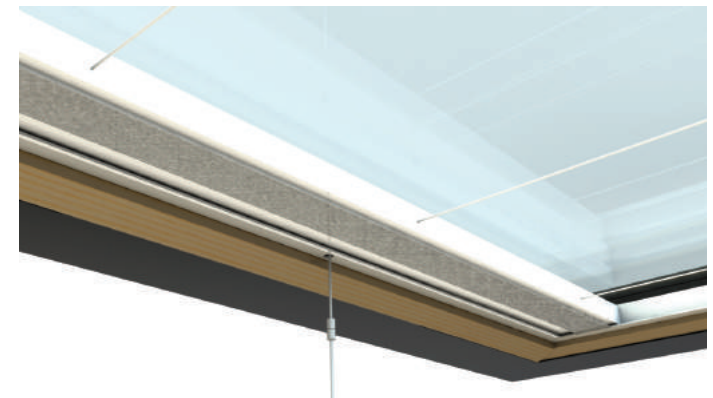
**WARNING:** You must visibly mark where you have run the wire, to avoid damaging the cable with screws or nails when you fix the plasterboard.

Once you have run the cable up to the joist/rafter, drill a hole through the joist/rafter so you can run the cable into the ceiling void, where you have positioned your 3 pin plug.

THE WIRE CONNECTION MUST STAY ABOVE THE PERIMETER TRIM AS YOU MAY NEED TO LOCATE IT AT A LATER DATE.



cable coming through trim,  
no connection visible.



cable coming through trim  
with connection visible.



## STEP FOUR

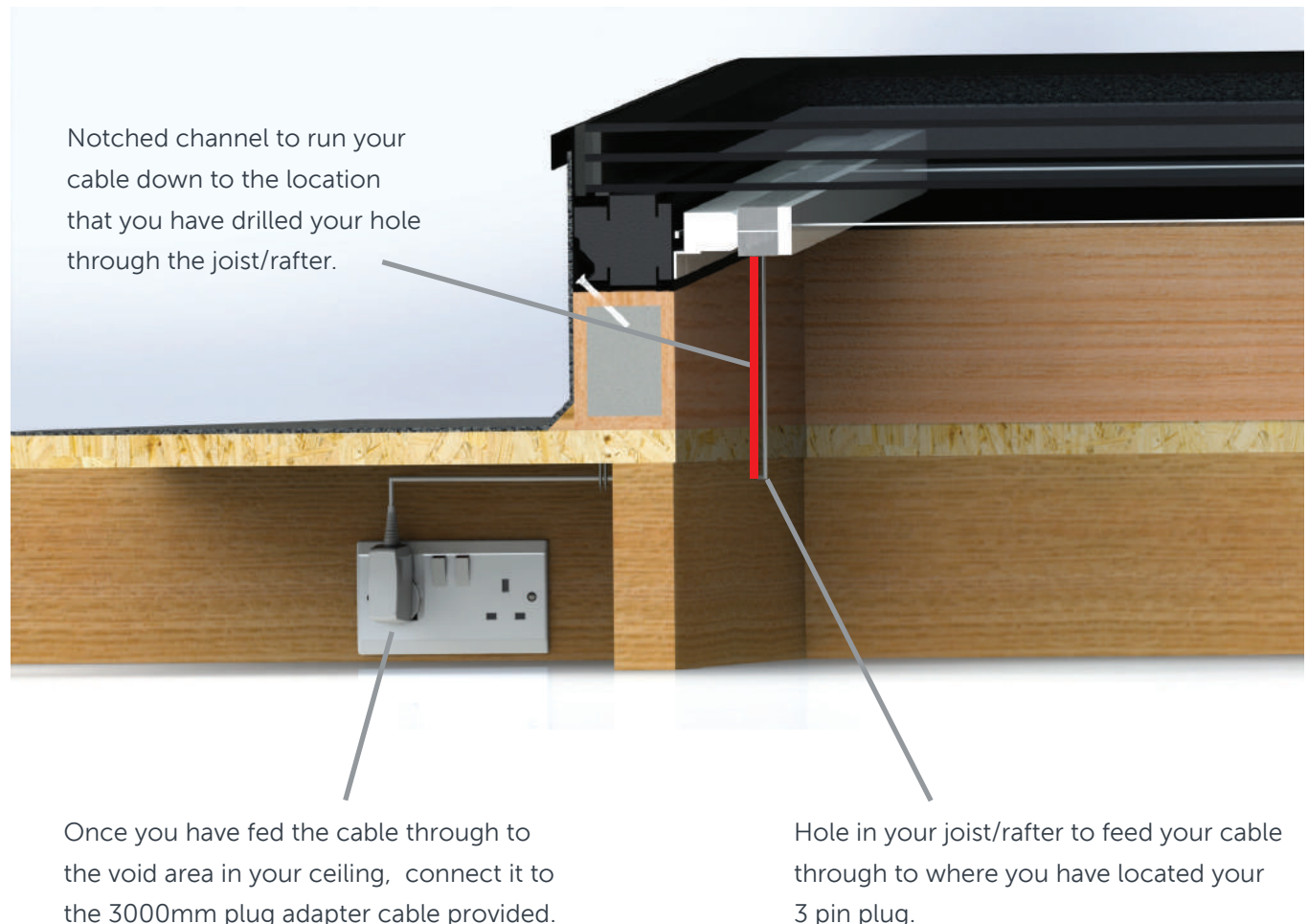
### CHANNEL INTO YOUR TIMBER.

You now need to notch a channel into your timber reveal, which will run the length from the hole you have just drilled to the hole where the cable comes through, in the white perimeter blind trim. Running the wire in this channel will ensure your plasterboard can fit flush to the timber. Please ensure the power source is located within 4000mm of where your blind motor will be positioned.

When you have run the cable from your blind into the ceiling void area, through the drilled hole, take the 3000mm power adapter cable provided and connect the 2 cables together. This is a small male/female 'push and click' connection.

Next, plug in the adapter to your 3 pin plug socket that you have located in the ceiling void. Your remote-controlled blackout blind is now connected.

The Somfy remote-control provided with your blind has been synchronised in the factory, so will work as soon as the blind is connected.



## STEP FIVE

### PLASTERING. PLEASE ENSURE YOUR BLIND IS FULLY OPERATIONAL BEFORE PLASTERING.

Plaster the ceiling in the room below and the reveals that lead up to the rooflight. The white perimeter blind trim gives you a perfect surface to plasterboard and wet plaster into.

We advise that you cover the retracted blind and motor housing with low adhesive masking tape or equivalent, to prevent you soiling the blinds when applying your wet plaster.

At this stage, you can incorporate an access panel into your ceiling or reveal leading up to the rooflight as mentioned previously.

**YOUR BLIND INSTALLATION IS NOW COMPLETE.  
WE HOPE YOU ENJOY YOUR NEW ROOFLIGHT  
WITH BLACKOUT BLINDS**



When you have plastered your reveals leading up to the rooflight, you have the option of installing an access panel in this area.