





85, 110 & 150 CTS rooflight systems

OVERVIEW

- ZIP® technology used with constant tension spring boxes
- Used for areas up to 30m² (also see our Wireless and ZIP® FTS rooflight)
- Features headbox and side channels with the option for blind shelf

SYSTEM DETAILS

SHY ZIP® CTS rooflight blinds can operate in a vertical or horizontal position and at any angle in between, drawing upwards, downwards, or sideways.

The heart of the system is SHY's specially designed zipper ribbon which is welded to the edges of the blind fabric to create a super-strong join. The zipper ribbon is securely held in a shaped plastic inner rail which allows the blind to run freely and quietly but prevents the fabric from being pulled out of the inner rail.

A single motor system is used, located inside the cloth tube, encased in our extruded aluminium head boxes. The box at the other end of the blind contains spring boxes that pull the fabric under tension.

APPLICATION

Ideal for shading smaller glazed areas, these systems are used in many commercial installations as well as high-end domestic situations. They are ideal when building occupants need to control the amount of light, glare and heat attributable to the skylight. Utilising a wide choice of blind fabrics, every level of shading, through to full dim-out can be achieved.

Hardware can be powder coated to any RAL colour (standard colours are white and black) to suit existing surroundings. Recommended shelf can be used to assist installation and running of the blind.





Features



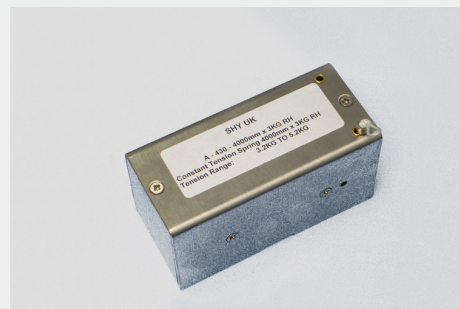
SIDE CHANNELS

- 33x28mm side channels
- Flange mounted or through mounted
- Zipper ribbon runs within the inner rails



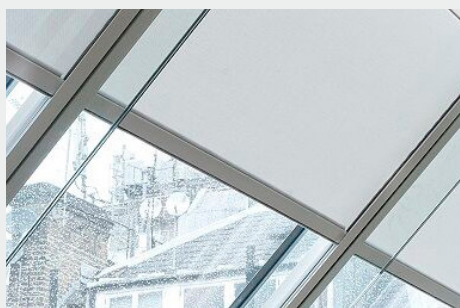
HEADBOXES

- Standard headbox sizes are 85mm, 110mm and 150mm square
- The choice of box depends on the size of the blind, with larger blinds requiring larger headboxes.



CONSTANT TENSION SPRING BOXES

- Up to 5kg of strength per box
- Ensures the fabric is kept under tension to keep it taut as possible
- Pulls the blind across the opening



FABRIC

- Blackout – prevents or significantly reduces the amount of light passing through the fabric
- Glass fibre and polyester screen – protect against heat and glare of the sun



MOTORISED AND MANUAL CONTROL

- Radio control – remote or switch
- Hard wired – switch or integration into control systems
- Battery powered (up to 2.5m wide and 2.48m long)
- Crank handle (up to 2.7m wide and 3.6m long)



SHELF

- It is recommended that wherever possible, roof blinds are orientated so the head boxes point up to the glass with the cloth at the lowest point, and if on show, that our shelf system is used.
- Regardless of the opening, the blind can be fitted square to ensure the best finish for the fabric and long life for the blind as a whole.

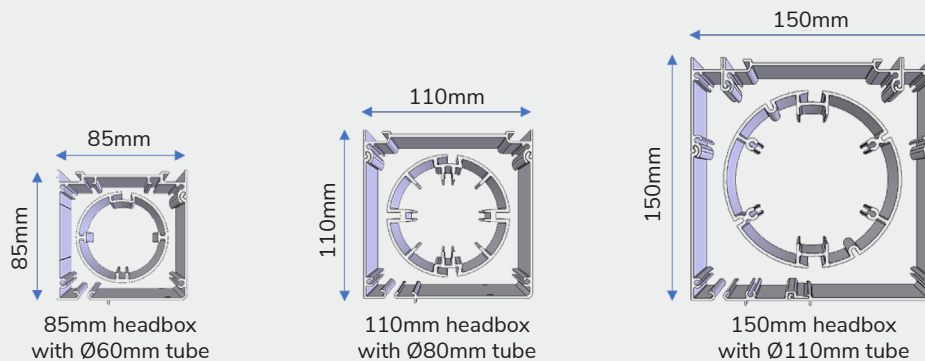


System Specification

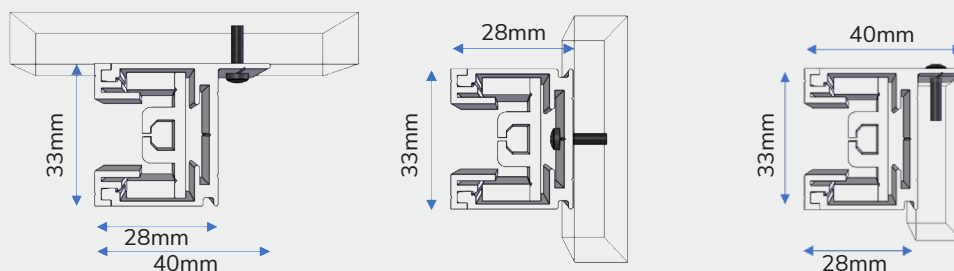


Reverse roll rooflight blind with CTS tensioning

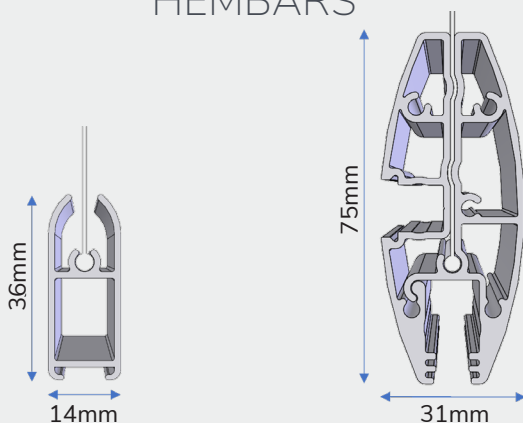
HEADBOX DIMENSIONS



ZIP® SIDE CHANNEL DIMENSIONS



HEMBARS



36mm Hembar

75mm Hembar

SHY will choose the most appropriate version for your ZIP® blinds to ensure smooth operation and correct function

OTHER SYSTEMS IN OUR ROOFLIGHT RANGE

- SHY ZIP® FTS rooflight blind (for areas of up to 50m²)
- SHY Wireless rooflight blind (no visible wires for widths of up to 3m and draw of 3.7m)
- SHY Sunfacta® CTS & FTS rooflight systems (headboxes and no ZIP® channels)
- SHY Obscura® CTS & FTS rooflight systems (rollers without headboxes or ZIP® channels)

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