

PRODUCT DESCRIPTION

The Lightshield Cassette System has been designed to suit many different applications. It is used extensively throughout Europe for Room Darkening, Blackout, Insect Screens, Sun Screens and Solar Film Blinds. Major applications in the UK relate to Room Darkening and Blackout, especially where VDU and AV are in operation. The selected fabrics are then retained within either the button channel or zip-channel.

The head boxes, side and bottom channels are all precision manufactured in aluminium, finished in white as standard. All box openings have a continuous nylon brush seal. The two standard head boxes available are 65mm x 74.3mm, and 85mm x 97.2mm. Side channels are available to suit the head box required and the particular application.

HEAD BOXES

The 65mm and 85mm head boxes are a two piece construction, with both suitable for button-channel and 85mm suitable for zip-channel only. The front panels can be removed to allow access of the operating mechanisms.

SIDE AND BOTTOM CHANNELS

Five different Channels are available. Part numbers 1138 and 1790 form a two part channel which allows adjustment during fitting to allow for window frames not being square. This can be used with the 85mm head box.

Part numbers 1137 and 1756 can be used on both sizes of head box and provide for face or side fixing. All channels provide for the retaining of fabric by use of a system of buttons attached to the fabric. Part number 1215 is suitable for the 85mm box only when using the zip-channel.

Part number 1792 provides a two-part bottom channel, which can be used to help light exclusion if required.

CONTROLS

There are four control options available: Crank, Chain, Spring and Electric operations ideal for both head box sizes.

The Chain operation is standard operation, and is available either with a direct drive or a geared-down drive for larger blinds.

Spring operated blinds are fitted with a decelerator system, which allows the blind to roll up steadily once released. The speed can be adjusted to suit each application and the blinds can be fitted with a limit stop, which makes it possible to adjust the upper stop of the blind.

All head boxes are available with Electric operation, with options for either switch or remote control. The 65mm and 85mm head boxes use 240v motors.

FABRICS/MATERIALS

For a Black-out option, choose our Ex-Lite fabric. Other fabrics from our extensive Roller Collection are also available for non-black-out purposes.

65mm BOX and CHANNEL



LIGHTSHIELD ZIP-CHANNEL



FIXING

The blinds may be fitted inside or outside the window openings. Fixing can either be done by drilling the head box and fixing directly to the window, or by use of special brackets.

MAINTENANCE

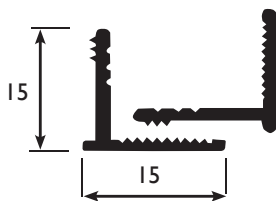
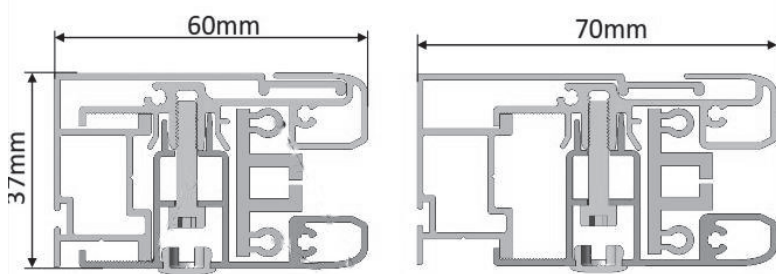
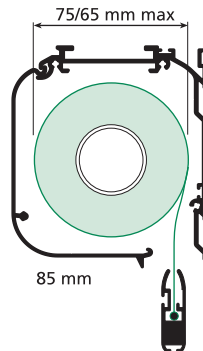
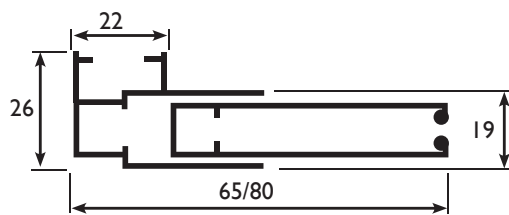
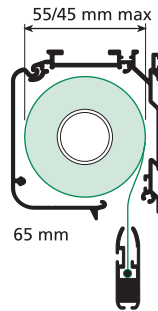
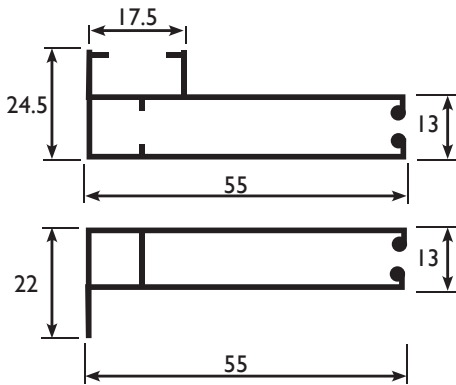
A light dusting, or vacuuming on a low setting, or with a brush appliance, is all that is required to keep your blinds looking good.

RECOMMENDATIONS

FOR THE MAXIMUM/MINIMUM WIDTH AND AREAS SEE THE TABLE BELOW

The table shown indicates the maximum width, drop and area which can be manufactured with each box size, control option and roller size. All maximum area are based on fabric weight of 400gsm, which is the weight of a standard blackout fabric

Roller Size	65mm	85mm
Spring		
23mm	1.5m Wide 3.0m Drop 3 sq m	N/A
32mm	2.0m Wide 2.5m Drop 5 sq m	2.0m Wide 3.0m Drop 6 sq m
36mm	3.0m Wide 2.5m Drop 6 sq m	3.0m Wide 3.0m Drop 7 sq m
Crank		
36mm	3.0m Wide 2.5m Drop 6 sq m	2.5m Wide 3.0m Drop 7.5 sq m
42mm	N/A	3.2m Wide 3.5m Drop 9 sq m
Chain		
23mm	1.5m Wide 3.0m Drop 3 sq m	N/A
32mm	2.0m Wide 2.5m Drop 5 sq m	2.0m Wide 3.0m Drop 6 sq m
36mm	3.0m Wide 2.5m Drop 6 sq m	3.0m Wide 3.0m Drop 7 sq m
Electric		
28mm	2.0m Wide 2.5m Drop 5 sq m	N/A
40mm	N/A	3.0m Wide 3.5m Drop 9 sq m



DECLARATION OF QUALITY: All products detailed in this literature are manufactured exclusively in our own factory. This allows complete control over quality and also enables delivery to be tailored and guaranteed for each individual project. We are constantly striving to improve the product and reserve the right to alter specifications without notice.