

### **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 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 three standard head boxes available are 45mm x 51mm, 65mm x 74.3mm, and 85mm x 97.2mm. Side channels are available in four sizes to suit the head box required and the particular application.

### **HEAD BOXES**

The 45mm head box is a one-piece construction but the 65mm and 85mm head boxes are a two piece construction. The front panel of these head boxes can be removed to allow access for inspection of the operating mechanisms.

### **SIDE AND BOTTOM CHANNELS**

Four 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 either the 65mm or the 85mm head box. Part numbers 1137 and 1756 can be used on all sizes of head box and provide for face or side fixing. Part number 1789 is for use with the 45mm head box only. All channels provide for the retaining of fabric by use of a system of buttons attached to the fabric. This ensures that the fabric remains within the channels at all times. 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: Chain, Spring and Electric operations are available in all head box sizes, and Crank operation which is only available in the two larger 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.

Crank operation is available on the two larger head boxes and is available with fixed or detachable handle.

All head boxes are available with Electric operation, with options for either switch or remote control. The 45mm head boxes use 12v DC motor and 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.

