



window styling

# Lite-master™ Black-out

Roller Blinds



*Luxaflex*<sup>®</sup>

# Luxaflex® Lite-master Black-out Blinds

- Extensive range of flame retardant fabrics
- Manual or electric control
- Range of powder coat finishes
- High quality blackout
- Low maintenance
- Rooflight systems

Lite-master is a high specification black-out blind. The range of fabrics used are specially woven and coated for total blackout. The fabric is retained at the sides with specially designed side channels with double brushes to prevent light penetration.

## **New or Existing Buildings**

The various Lite-master systems allow it to be installed without difficulty in both new and existing buildings, either inside or outside of the window openings.

## **Control Methods Manual or Electrical**

Lite-master can be supplied with manual or electric operation. The control systems are designed to give low maintenance and utmost reliability even under the most rigorous use.

## **Flame Retardant Materials**

A range of PVC coated glass fibre fabrics in a variety of colours. These fabrics are manufactured to a flame retardant standard BS5438,1976. Method 2 and BS5867 part 2 1980 type B.

## **Attractive and Durable**

Lite-master hardware is supplied with White RAL9010 or Natural anodised aluminium as standard. Special colours are available to order. The fabric is available in a range of colours that have been chosen to co-ordinate with current interior colour trends. The hardware and fabric can easily be wiped with a damp cloth to keep it's appearance.

## **Short Form Specification**

Lite-master Blackout Blind, comprising of 95 x 95mm headbox, 60 x 26mm side channels complete with light sealing brushes, 35mm high bottom rail and 30mm x 30mm bottom channels with compressible brush seal. Control by means of either fixed or detachable crank rod and self braking gearbox or an integral electric tubular motor. Skylight Models boxes are available if required for special orders.



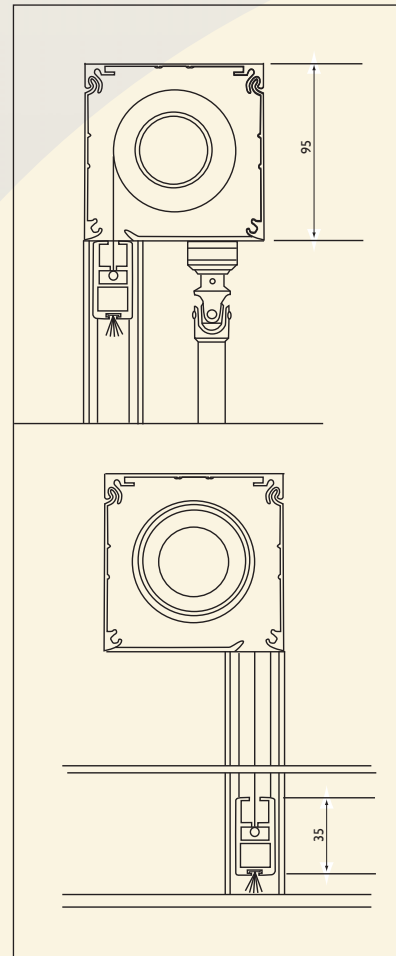
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## Boxes and mechanisms: maximum dimensions

Headbox size	Operation	min. width	max. width	max. drop
95mm	Crank	400mm	3000mm	3500mm
95mm	Electric	600mm	3000mm	3500mm
95mm	Crank or Electric Skylight	850mm	2000mm	2300mm

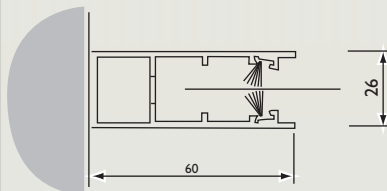
Please consult our technical department for larger dimensions, coupled screens and special structures.  
For further technical details, dimensions and a number of applications, please refer to our technical brochure.

## Standard blind boxes

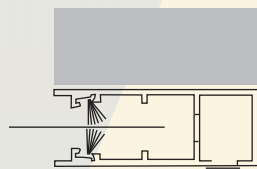


## Installing the side channels

### SIDE FIXING



### FACE FIXING



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## Fenestration Data/Technical Performance

Fenestration data is the architectural description of the factors influencing the admittance of energy through a glazed window system and its effects on the building interior. It is governed by three main parts.

### [T] % Solar Transmittance

The amount of energy transmitted directly into the room through the glass and blind material.

### [A] % Solar Absorbation

The amount of energy absorbed by the glass and blind material.

### [R] % Solar Reflectance

The amount of energy reflected outward by the glass and blind material.

To define the solar control properties of a blind material, the "SHADING COEFFICIENT" [SC] is used. The solar heat gain with the blind material at the window divided by the solar heat gain without the blind material at the window gives the SC. The lower the SC figure, the more efficient the blind system is in reducing the heat and glare inside the building.

Technical Performance Chart - 4 PLY PVC Laminate F/R				
	[T]%	[A]%	[R]%	[SC]%
Light colours	0.02	22.26	77.72	0.28
Medium colours	0.01	88.67	11.32	0.67
Dark colours	0.01	95.42	4.57	0.71

## 4 PLY PVC Laminate F/R Blackout



Composition:	fibreglass core laminated to 3 layers of PVC vinyl
Width:	183cm
Cutting:	cold blade
Colours:	13
Weight per m <sup>2</sup> :	424g
Thickness:	0.25 0.33mm
Finishing:	PVC coated
Light Fastness:	excellent: no perceptible change
Tear Strength:	warp 1300g: filling 900g
Shrinkage:	0%
Thermic welding:	yes
Cleaning:	damp cloth, warm water & mild detergent
Flame Retardant:	yes
Fire Certification:	BS 5867 Part 2, 1980 Type B & C BS 476 part 7, Class 1 & 0

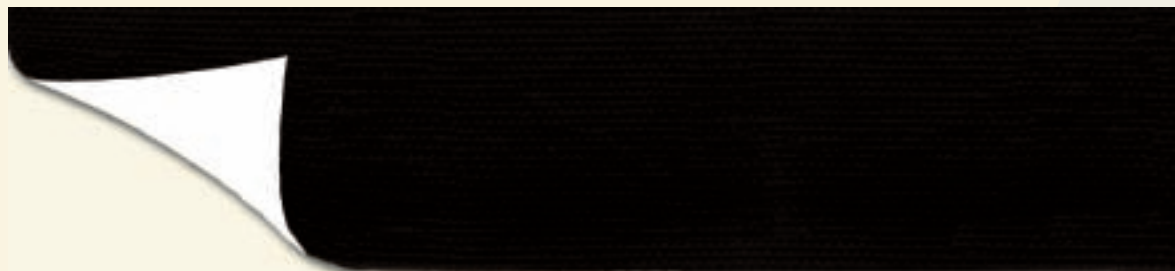


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4 PLY PVC Laminate

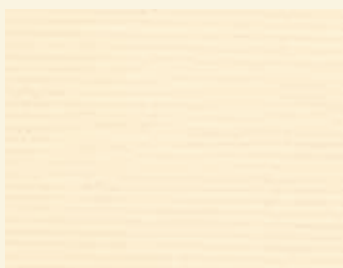
Fibreglass Core Laminated to 3 Layers of PVC Vinyl: 183cm wide



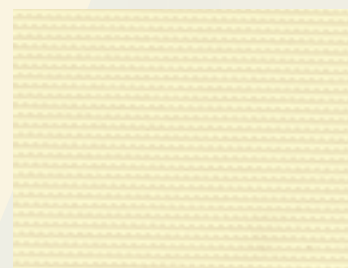
Black/White (standard)



White



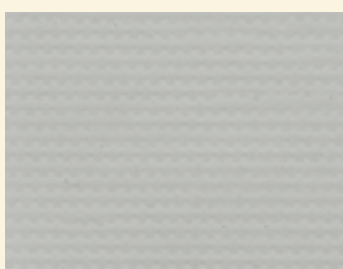
Blush



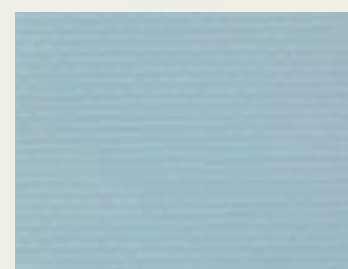
Eggshell



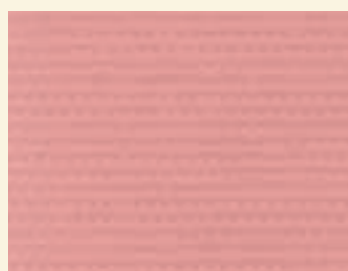
Champagne



Slate



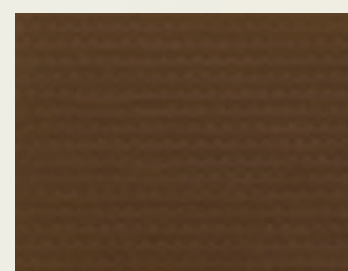
Blue



Rose



Hunter



Chocolate



Cranberry



Black



Navy

*N.B. Colours may vary from the printed samples shown.*



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