

DRAPER®



ICONIC BLINDS FOR ICONIC BUILDINGS



WWW.WAVERLEY.CO.UK

WAVERLEY
THE SHADING EXPERTS



QUALITY YOUR PROJECTS DESERVE

Waverley are the UK manufacturer and distributor of the renowned Draper brand of solar shading solutions.

Draper started manufacturing blinds in the USA in 1902 and have been perfecting the process ever since. Draper is widely recognised by architects in the USA as the No.1 window blind system for commercial and school projects and is continually specified on thousands of projects across the USA.

The expertise at Draper's 'special projects division' with its vast experience and proven track record on some of the most demanding projects around the globe is also now available to UK architects and specifiers

The two companies are guided by similar values of integrity, reliability and quality. The Waverley and Draper partnership provides specifiers, contractors and commercial facilities managers with the ultimate high quality window blind system for the commercial sector.

DRAPER'S HIDDEN STRENGTH

The secret behind Draper's enduring success is the industry's most robust clutch mechanism. Available in single blind and dual blind configurations, Draper blinds are available with fascias, headboxes, and ceiling pockets to suit any application.



Located within the fixing bracket, rather than on the end of the tube, the ball bearing clutch is designed for the most demanding applications and provides smooth, quiet operation even for large blinds. The control chain hangs directly below the bracket, further improving stability.



FLEXSHADE XD MANUAL ROLLER BLINDS

A premium manual roller blind with high quality ball bearing clutch mechanism to make operation smooth and effortless.



Size Parameters

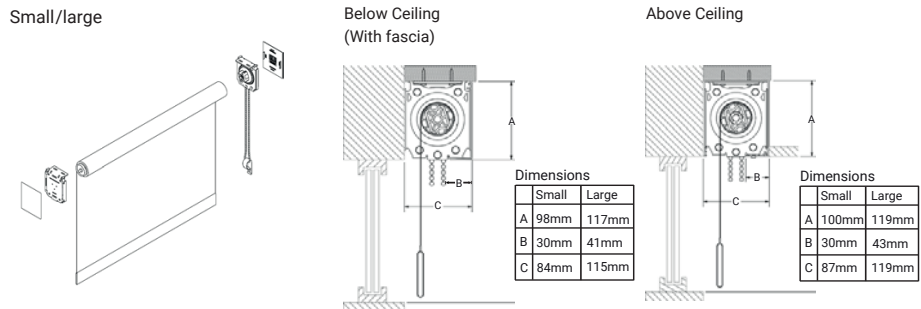
	Min Width	Max Width	Max Drop*
Single - Small	150mm	2440mm	3660mm
Single - Large	150mm	3660mm	3660mm
Dual	150mm	3660mm	3660mm

* Dependent on thickness of chosen fabric



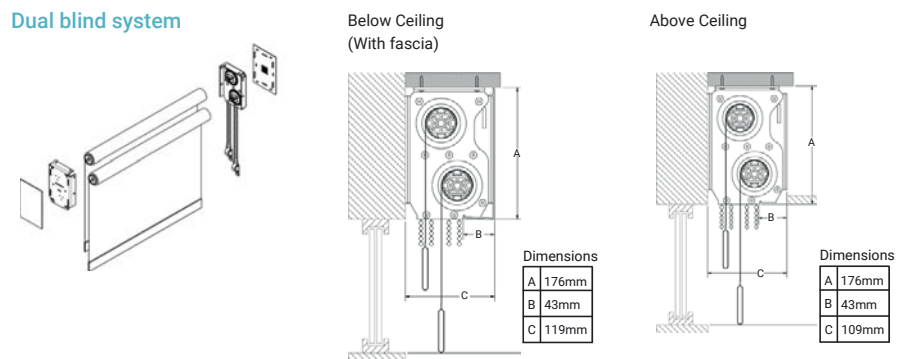
Single blind system

Small/large



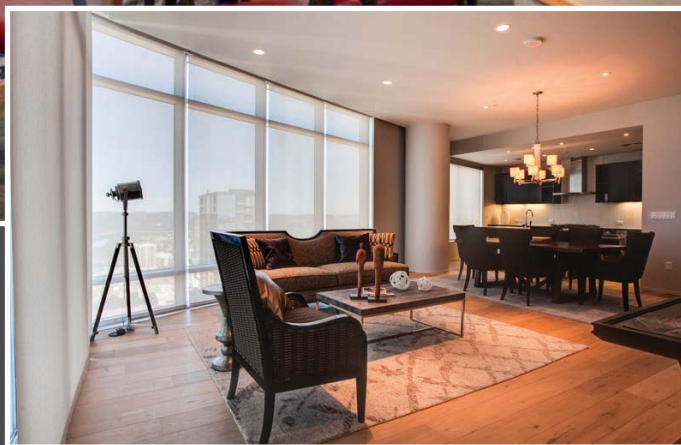
Face fix brackets available - see technical data sheet at www.waverley.co.uk

Dual blind system



Face fix brackets available - see technical data sheet at www.waverley.co.uk

For fascia, headbox, and ceiling pocket details, please see page 11



FLEXSHADE MOTORISED ROLLER BLINDS

Wide range of control options available, including integration with AV and building management systems.



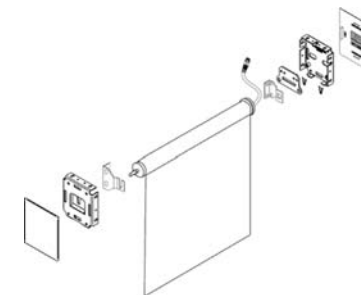
Size Parameters

	Min Width	Max Width	Max Drop*
Single - Small	760mm	2440mm	3660mm
Single - Large	760mm	4270mm	3660mm
Dual	760mm	4270mm	3660mm

* Dependent on thickness of chosen fabric

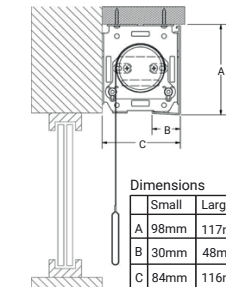
Single blind system

Small/large



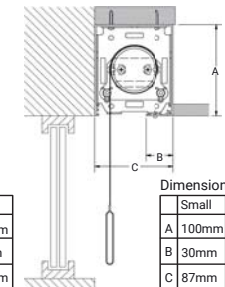
Face fix brackets available - see technical datasheet at www.waverley.co.uk

Below Ceiling
(With fascia)



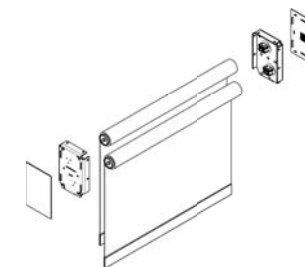
Dimensions	Small	Large
A	98mm	117mm
B	30mm	48mm
C	84mm	116mm

Above Ceiling



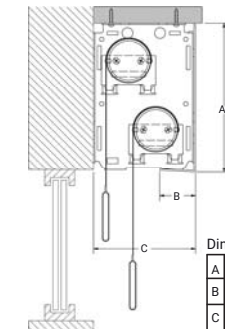
Dimensions	Small	Large
A	100mm	119mm
B	30mm	43mm
C	87mm	119mm

Dual blind system



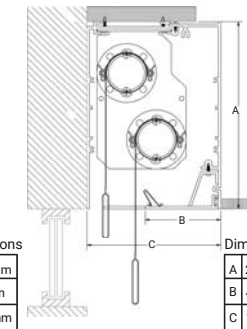
Face fix brackets available - see technical datasheet at www.waverley.co.uk

Below Ceiling



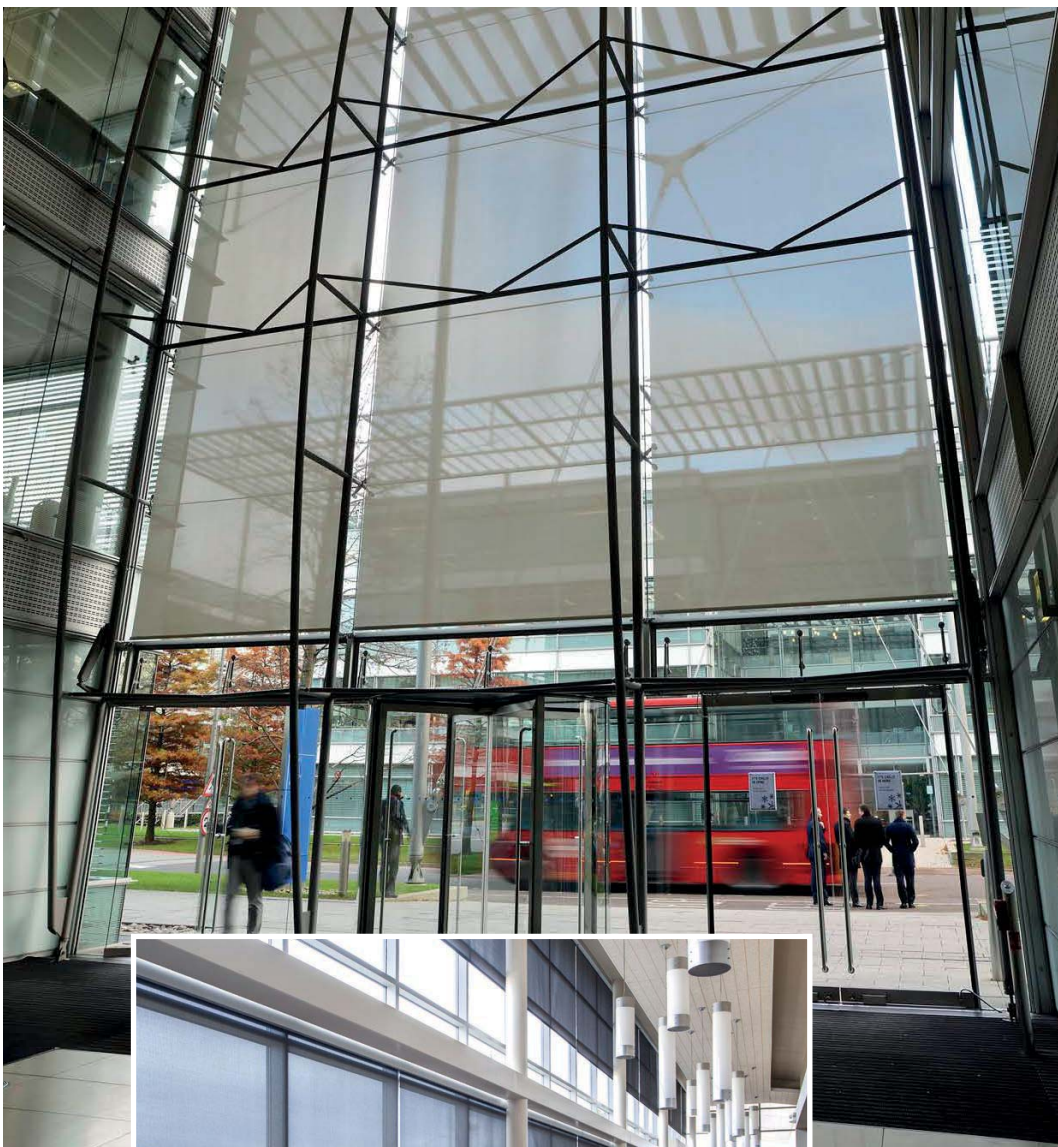
Dimensions	Small	Large
A	176mm	
B	43mm	
C	119mm	

Above Ceiling



Dimensions	Small	Large
A	241mm	
B	47mm	
C	171mm	

For fascia, headbox, and ceiling pocket details, please see page 11



FLEXSHADE 2

MOTORISED ROLLER BLINDS

COLOSSAL

ROLLER BLINDS



Flexshade 2

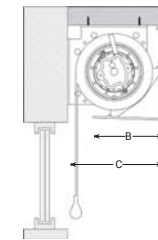
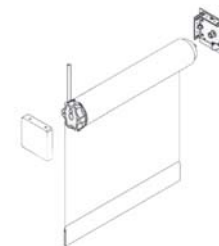
Glazing up to 4.8m wide and 9m high can be covered by a single blind.
Wide range of control options available, including integration with AV and building management systems.

Colossal

Spans of up to 8.7m wide and 12m high can be covered by a single blind.
Eye bolts for hoisting blind into place are provided.
Deflection compensation system minimises ripples in the fabric cover.



Flexshade 2

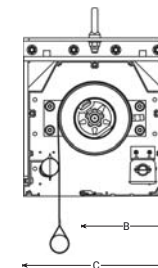
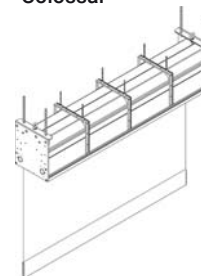


Dimensions

A	165mm
B	122mm
C	165mm

Further technical information available on request.

Colossal



Dimensions

A	337mm
B	171mm
C	305mm

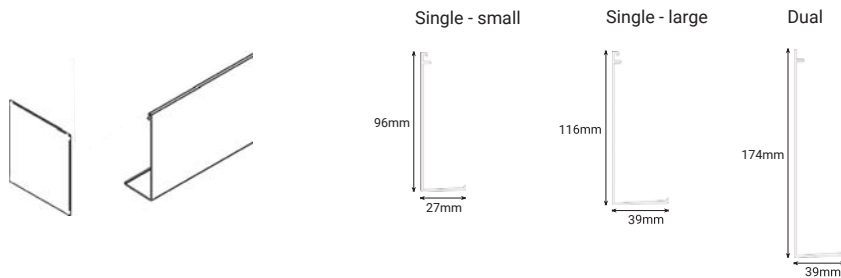
Further technical information available on request.

FLEXSHADE Hardware Options



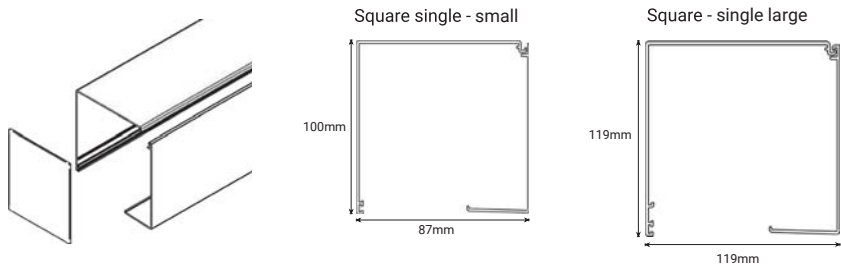
Fascias

Square fascia & matching endcaps for single blind and dual blind systems



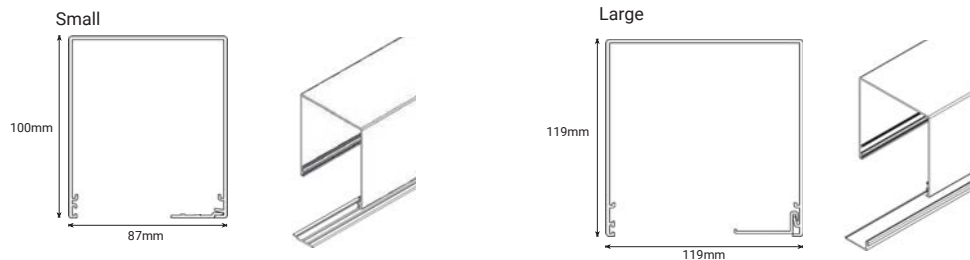
Headboxes

Face / top fix headboxes for single blind systems



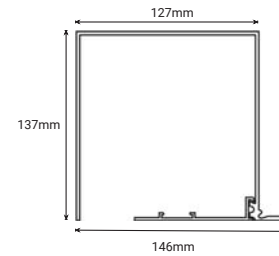
Ceiling Pockets

Ceiling pockets for single blind systems



'Type D' Ceiling Pocket

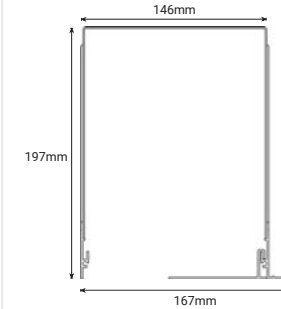
Ceiling pocket for small and large single blind system, with lip for ceiling tile



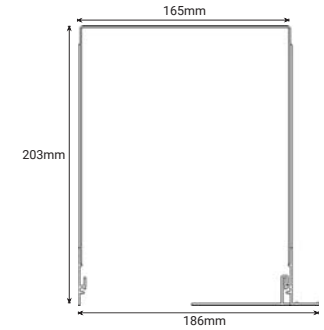
Dual System Ceiling Pockets

Ceiling pockets for dual blind systems

Manual system

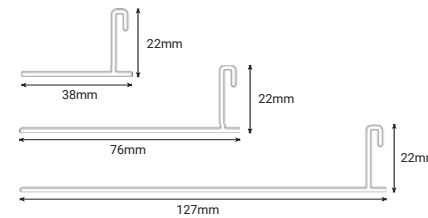


Motorised system



Closure Plates

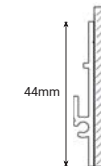
For type D ceiling pockets and wall clips



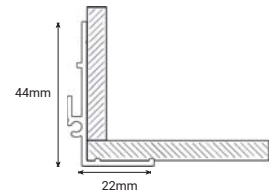
Wall Clips

For use with closure plate where ceiling pocket already exists

Without tile lip



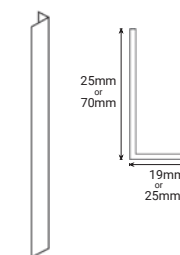
With tile lip



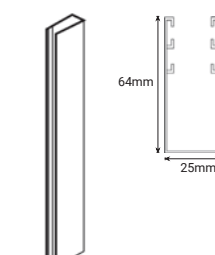
Side Channels

For use with single and dual blind systems

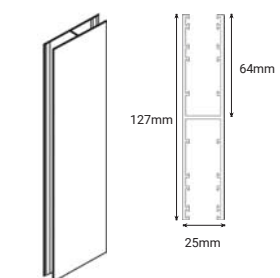
L channel



U channel



H channel



FLEXIBILITY FABRICS FOR EVERY SITUATION

By being fabricated in Waverley's own factory the Draper blinds for your project can be made from a wide range of fabrics. As well as their own ShadeTech range of premium contract fabrics, Waverley are also the UK distributor of the world renowned Verosol range of high performance fabrics.



	Fabric	Composition
Glare Reduction	Betascreen 90	PVC Coated Polyester
	Betascreen 100	PVC Coated Polyester
Heat Reflection	Verosol Silverscreen	PVC Coated Polyester
Room Darkening	Deltablock 70	Fibreglass
Green	Verosol Enviroscreen	Polyester
	Betascreen 200	PVC Coated Fibreglass

FLEXSHADE & SILVERSCREEN HIGH PERFORMANCE RE-DEFINED

When the most enduring hardware system on the market meets with the highest performing solar shading fabric on the planet you have a window blind that not only performs consistently for many years, but also helps create exceptional environments by reducing glare and heat whilst maintaining through vision. Add to this the possibilities for slashing energy costs and reducing a buildings' carbon footprint and this solar shading solution is in a class of its' own.



Verosol Silverscreen reflects up to 82% of solar energy entering a building through the glazing. Consider the amount of glazing in a city skyscraper and you can appreciate the dramatic effect Silverscreen has on lighting and air conditioning costs.

Width	Weight	Join
2.5m 3.0m	440g/m ²	Weld
1.6m 2.5m	549g/m ²	Weld
2.4m	400g/m ²	Weld
2.4m	700g/m ²	Cannot be joined
1.9m 2.4m	250g/m ²	Cannot be joined
1.6m 2.5m	496g/m ²	Weld

CONTROL IS EVERYTHING

Draper has the control systems and Waverley has the technical expertise to make the blinds on your project perform intelligently. From simple relay controls to sophisticated software driven systems for an entire building, Draper controls will ensure optimum light and temperature levels are maintained whilst ensuring user comfort and energy efficiency.

Waverley partner with leading electrical contractors in this field to provide a full installation package.



IntelliFlex Intelligent Shading Control System

Using an IntelliFlex System, it is possible to control shades individually or in groups of almost any size and to program operation based in time or sunlight. Switches, panels, remote controls and RS232/485 operation are all possible.

The ability to manage the impact of solar energy on an entire building is critical to improving energy efficiency and thus reducing carbon emissions.

SolarFlex Window Shade Automation for Total Light Control

Solarflex is a dynamic automated shading system designed to maximise natural light within commercial buildings while providing comfort for building occupants.

SolarFlex's sun tracking software in combination with exterior sun sensors, helps control inside temperatures whilst protecting against glare. SolarFlex automatically positions the blinds based on the time of day, time of year, the building's geographical location and the current sky conditions.

SolarFlex helps realise significant reductions in HVAC and lighting costs as well as slashing a building's carbon footprint.

CASE STUDY Seven World Trade Center

Draper products used: Manual and Motorised Window Blinds

Certification level: **LEED** Gold

Seven World Trade Center is the first building to be rebuilt at the 9/11 site in New York City. It was also the first to receive LEED Gold Certification.

Seven World Trade Center has Draper manual and motorised window blinds.

7 World Trade Center was designed by David M. Childs. The building has a daylight dimming system in the ceilings that adjusts to the amount of available sunlight.

The cost of meeting LEED criteria on this World Trade Center project added less than 5 percent to its budget.



DRAPER®



Certificate Number: 9967
ISO9001
ISO14001
OHSAS18001

