

Obscura



the commercial roller blind experts





OBSCURA® has the looks of a standard roller blind but that's where the similarity ends.

Clever features like counter-balancing springs to make it as easy for you to raise the blind as lower it, brackets and fixings for virtually every conceivable situation and a maximum overall coverage of 70m² make this roller blind anything but standard.

As with ZIP® and SUNFACTA®, OBSCURA® roller blinds can be fitted at any angle and any pitch, can even pull upwards and all blinds have a range of operating methods to meet every application.



- With a maximum square area of 70m² the durability and design of the brackets is a vital element of the blind from both an operational and safety point of view.

OBSCURA® brackets have been designed to allow quick installation but provide a secure attachment of the barrel to the brackets.

- The hem bar of the blind is permanently affixed to the cloth.

On larger blinds a heavy duty, weighted hem bar is used to ensure the fabric remains flat and the blind sturdy.

- No headbox or side channels give OBSCURA® blinds an unobtrusive, minimalist look ideal for when the blind is required to blend into a room.

1



2



SHY OBSCURA® blinds are available in an extensive range of sizes, operating methods, orientations and cloth and colour options:



Roller Size:		32/36			38			45/50			60			80			110			160			
		Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	Max Width m	Max Drop m	Max Area m ²	
Gravity	Manual	Chain	2.0	2.6	3.6	2.6	3.0	4.8	3.0	3.8	6.0												
		Decelerator	2.4	2.8	4.0				3.0	3.8	6.0												
		Spring	2.4	2.8	3.6	2.6	3.0	4.8	2.8	3.6	6.0	3.8	4.8	14.0	4.4	6.4	18.0						
	Electric	Gear						3.0	3.8	8.0	3.8	4.8	14.0	4.4	6.4	18.0							
		24V/DC	2.4	2.8	3.0																		
		240V/AC							1.6	2.6	1.5												
Rooflight Shaped or Lifting	Manual	240V/AC - Quiet							2.8	3.6	10.0	3.6	4.8	13.0	4.4	6.4	20.0	5.4	8.8	40.0	6.8	13.0	70.0
		Cord	2.4	2.8	1.5	2.6	3.0	2.0	2.8	3.6	10.0	3.6	4.8	13.0	4.4	6.4	10.0	2.8	8.6	10.0	3.8	10.0	10.0
		Gear							3.0	3.1	5.0	3.8	3.1	14.0	4.4	3.1	8.0						
	Electric	24V/DC	2.4	2.8	1.5				2.8	3.1	5.0												
		24V/DC - Quiet																					
		240V/AC							2.8	3.1	5.0	3.8	3.1	10.0	4.4	3.1	12.0	5.4	3.1	16.0	6.8	3.1	10.0
	240V/AC - Quiet							2.8	3.1	5.0	3.8	3.1	8.0	4.4	3.1	8.0							
	FTS										3.8	4.8	18.0	4.4	6.4	24.0	5.4	8.8	40.0	6.8	13.0	70.0	



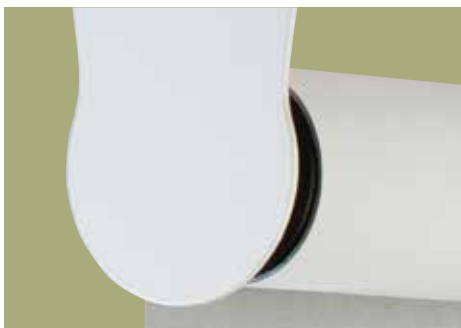
A perfectly straight edge to the blind, no matter how long the drop, is achieved by state-of-the-art computer controlled cutting equipment.

Hardware Colours

All exposed metal hardware is powder coated in two standard finishes:

White – RAL9910, 60-70% gloss
Black – RAL9005, 60-70% gloss

Other RAL colours are available to co-ordinate or contrast with surrounding finishes. Please contact our sales staff for more information.



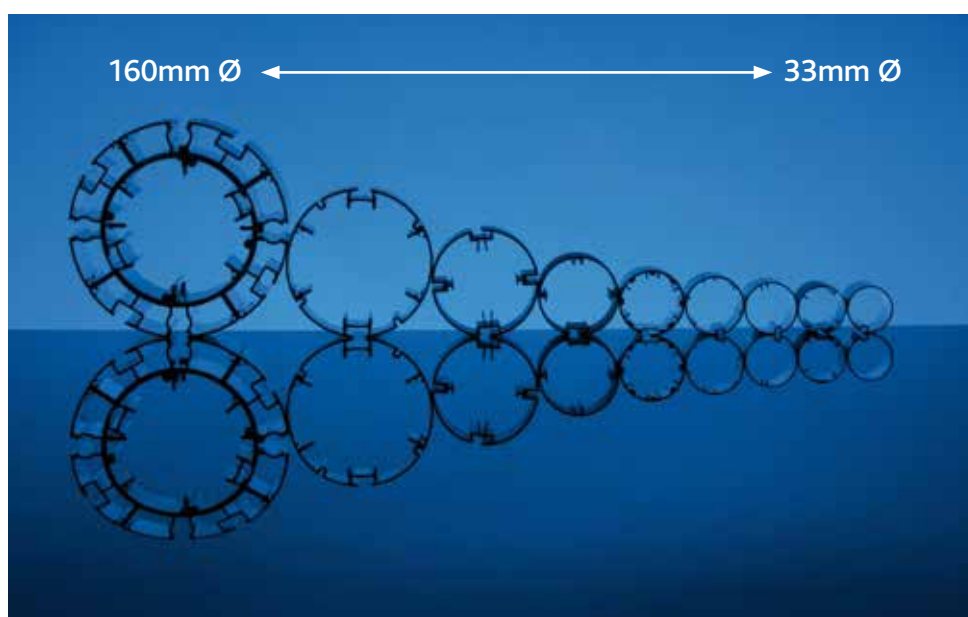
Twin system

The OBSCURA® twin roller system has two roller barrels held in a single bracket assembly so two fabrics can be used in the same blind. A screen blind to control glare could be coupled with a black-out cloth to provide the ultimate in light control. Another alternative would be to combine a shading material with a projection screen cloth so the blind has a dual purpose.

Roller Barrels

SHY have designed a range of roller barrels with clever features to ensure smooth and effective operation of OBSCURA® blinds up to a maximum width of 6.8m and a maximum drop of 13m.

The specification of the roller barrel is determined automatically based on the operation method, size and weight of the blind.



Other products in the SHY range



Cassette roller blind with side channels

Gravity drop	✓
Inclined	✓
Roof	✓
Shaped	✓
Lifting	✓
5 headbox sizes	
6 operating methods	
Twin systems – two blinds in one	
Max Width	6m
Max Drop	10m
Max sq area	49m ²



Cassette roller blind with no side channels

Gravity drop	✓
Inclined	✓
Roof	✓
Shaped	✓
Lifting	✓
5 headbox sizes	
5 operating methods	
Twin systems – two blinds in one	
Max Width	5.2m
Max Drop	12.6m
Max sq area	40m ²

the commercial roller blind experts

OBSCURA® roller blinds are all available with the following operating methods depending on the overall size and orientation of the blind:

Cord

Cord operation is available on OBSCURA® shaped, lifting and rooflight blinds but its position and operation is based on the overall blind size, shape and specification. Please contact our sales staff for more information.

Chain Operation

The standard roller blind method of operation, fitted with a self-braking mechanism so you can simply position the blind where you need it. Chains are available in white, black and grey close beaded plastic along with metal ball chain.



Heavy Duty Chain Operation

For larger blind sizes a heavy duty mechanism along with a counterbalancing spring concealed in the roller barrel means that raising the blind is as effortless as lowering it.



Crank Operation

Available with a permanently fixed winding handle or a removable one to prevent unauthorised use. Ideal for long drop blinds or where chains may pose a hazard.



Electric

With an electric motor fitted in the barrel of the blind an extensive range of control options are available from wired to wireless (radio control) switching, to environmental controls and links to building management systems.

With electric operation it is possible to operate single blinds, groups of blinds or all blinds together, or any combination of these options.

CHILD SAFETY

Care should always be taken when installing blinds in areas where babies and young children may be present. Looped chains can pose a particular hazard and SHY provide a chain tensioning device (compliant with BS EN 13120:2009+A1:2014) to help keep the chain taut. Crank, electric or hand operated blinds may be more appropriate in these situations.

FABRIC OPTIONS

SHY provide a comprehensive range of fabric options to meet virtually every application and use. With larger blinds the stability of the fabric is of paramount importance and consequently all of the fabrics offered by SHY have been extensively tested.

SHY's fabric range includes:

- Black-out
- Screen fabrics in varying degrees of openness
- Heat reflecting cloths
- Insect screens
- Projection cloth

The majority of SHY's fabrics are inherently flame retardant to EU standards.

Screen and digital printing of cloths is available – please contact us for more information.



SHY (UK), 1 Bilton Road Industrial Estate,
Cadwell Lane, Hitchin, Hertfordshire, SG4 0SB
T: 0345 67 20 000 F: 0345 67 20 001
E: info@shy.co.uk W: www.shy.co.uk

Your approved SHY dealer is:

© SHY (UK), 2015. SHY, ZIP, SUNFACTA and OBSCURA are registered trademarks. Many of the site photographs have been supplied by dealers and we are indebted to Incorporated Blind Systems Limited, BBD Blinds Limited and Enviroscreen Systems for allowing use of their images in this brochure.