

SPECIFICATION DATA – VZ080 ROOFLIGHT BLIND

APPLICATION

External or internal rooflight blind to reduce solar gain, suitable for surface mounted or built-in installations onto conservatory roofs and glass verandas.



DESCRIPTION

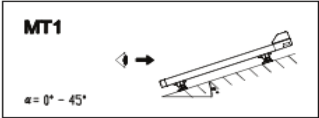
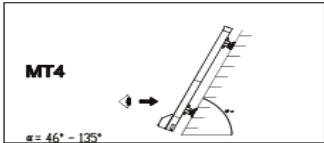
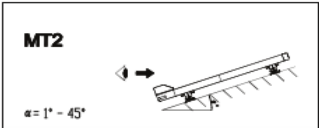
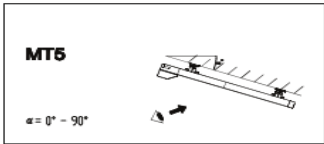
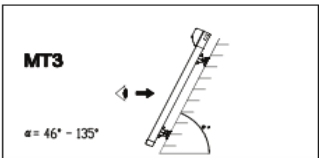
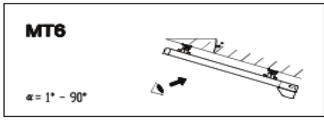
The VZ080 rooflight blind can be installed externally or internally to operate upwards, downwards, and sideways. This flexible system retracts into a box mounted onto side guide rails, with a tensioning system to provide a ventilation gap between the blind and the glass roof. The screens range from blackout to mesh fabrics with an openness factor of 14% retaining light to the outside.

FEATURES AND BENEFITS

- Flexible mounting options
- Sleek design with compact box 134 x 118mm
- Innovative zip system and extension pole ensures perfect blackout
- Motorised operation
- Options for optimal transparency or total blackout fabric
- Window size (maximum) single 10.5m² & linked 35m² – consult supplier for specific dimensions

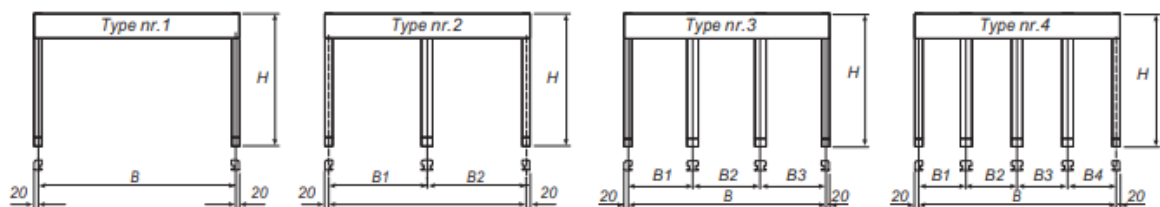
GENERAL INFORMATION

Uniclass	Pr_30_59_07_26
CAWS	L10/680 Solar shading system N10/240 Blinds L10/59 Solar shading system
Product range	Sun Protection Rooflight Blind

Product Reference	VZ080
Headbox	<p>The box is made of extruded aluminium with powder coating Thickness of wall: 2mm Dimensions: 134mm x 118mm Colour: choice of RAL colours Consists of two parts: removable chamfered upper section or cover and fixed lower section. - A fabric guide profile is attached to the fixed section, which guides the fabric out of the box. - A brush is secreted in the cover.</p>
Installation	<p>6 assembly options as shown below:</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>MT1 $\alpha = 0^\circ - 45^\circ$</p> </div> <div style="width: 50%;">  <p>MT4 $\alpha = 46^\circ - 135^\circ$</p> </div> <div style="width: 50%;">  <p>MT2 $\alpha = 1^\circ - 45^\circ$</p> </div> <div style="width: 50%;">  <p>MT5 $\alpha = 0^\circ - 90^\circ$</p> </div> <div style="width: 50%;">  <p>MT3 $\alpha = 46^\circ - 135^\circ$</p> </div> <div style="width: 50%;">  <p>MT6 $\alpha = 1^\circ - 90^\circ$</p> </div> </div> <p>MT1 to MT4 – Outdoor assembly – Sunblind viewed along outside – Fabric hangs down the outside – Zip on window side – Drainage holes in extension pole and, as required, in box – Alu side of the fabric points to the sun for Soltis 86 and 92 – Grey film is on the window side (for blackout fabric) MT5 – MT6 – Indoor assembly – Sunblind viewed along inside – Fabric hangs down the inside – Zip on window side – No drainage holes in extension pole and box. - Alu side of the fabric points to the floor for Soltis 86 and 92. - Grey film is on the window side for blackout fabric.</p>
Side guides	<p>The separable guide rails – Material: extruded aluminium with powder-coating – Wall thickness: 1.5mm – Colour: choice from RAL colour range Two types of guides: 1. Lateral guides: installed on outer sides, with a rail slot on one side only. 2. Coupling guides: installed in the middle, with a rail slot on either side. The profiles have a hollow chamber into which the support pins of the side caps fit. - Aluminium end caps coated to match the frame.</p> <p>Zip guide profile consists of extruded PVC clips. Absorption of the zip profile on the fabric to keep the fabric tensioned with the aid of stainless-steel springs.</p>
Installation	<p>The fabric must never touch the glass. Standard aluminium bracket, with powder coating adapted to the colour of the frame. The brackets consist of two parts: 1. The upper part: attached to the bottom of the lateral and central guides. 2. The lower part, comes in two types:</p>

	<p>A) Low bracket – for veranda roof profiles with glass above and wooden pergola and veranda systems. - is screwed into the wood or into the groove at the top of the profiles into which the rubber seal is fixed.</p> <p>B) High bracket - for veranda profiles with the glass beneath and screwed into the veranda roof profile with two bolts.</p> <ul style="list-style-type: none">• The upper and lower parts can be adjusted laterally relative to each other. This allows small positioning deviations between guide profile and veranda profile to be absorbed.• The extended supports are available in lengths of 120 mm, 200 mm, 300 mm, or 400 mm.• The maximum permitted distance between two attachment points of a guide rail is 1600 mm. <p>Option to pre-drill holes in the guide rails (along the bottom or in the side) If it is decided to pre-drill the guide rails, no supports will be provided. Holes of Ø5 mm will be provided, at max. 500 mm distance apart. The fitter is responsible for the screws.</p>																																
Operation	<p>Motorised drive via tubular motors: 230 Volt (50Hz), fitted far left and/or far right Standard:</p> <ul style="list-style-type: none">• Fitted with automatic readjustment - this means the motor switches to a lower gear at approx. 10 cm before the box closes, so that the sunblind stops correctly and there is no need to make a readjustment for any stretching of the fabric. (SLT motor)• Fitted far left and/or far right as required • 3 m electric cable. • Single-pole surface-mounted switch. <p>Optional:</p> <ul style="list-style-type: none">• Electric cable 5 m or 10 m, without switch.• Motor with automatic readjustment; screen will always close completely (Orea WT). - Without readjustment buttons; end points to be adjusted via cable, via an adjustment set. - Connectable in parallel (number determined by type of switch). - 3 m electric cable. - Single-pole surface-mounted switch.• Motor with built-in RTS receiver (Orea RTS). – 5 m electric cable, - optional 10 m electric cable – with RTS wall transmitter, - optional without RTS wall transmitter• Motor with built-in IO receiver (Sunea IO). – 5 m electric cable, - optional 10 m electric cable – with IO wall transmitter, - optional without IO wall transmitter- RTS and IO motors are supplied with the options “back release” and “reduced closing force” activated																																
Screen Fabric	<table><tr><th></th><th>SOLTIS 86</th><th>SOLTIS 92</th><th>BLACKOUT B92</th></tr><tr><td>basic material</td><td>Polyester</td><td>Polyester</td><td>Polyester</td></tr><tr><td>weight (g/m²)</td><td>approx. 380</td><td>approx. 420</td><td>approx. 650</td></tr><tr><td>thickness (mm)</td><td>approx. 0.43</td><td>approx. 0.45</td><td>approx. 0.60</td></tr><tr><td>fire class</td><td>M1</td><td>M1</td><td>M2</td></tr><tr><td>roll width (mm)</td><td>1770 / 2670</td><td>1770 / 2670</td><td>1700</td></tr><tr><td>strip direction</td><td>Horizontal</td><td>Horizontal</td><td>Horizontal</td></tr><tr><td>opening factor</td><td>14%</td><td>3 to 4%</td><td>0%</td></tr></table>		SOLTIS 86	SOLTIS 92	BLACKOUT B92	basic material	Polyester	Polyester	Polyester	weight (g/m²)	approx. 380	approx. 420	approx. 650	thickness (mm)	approx. 0.43	approx. 0.45	approx. 0.60	fire class	M1	M1	M2	roll width (mm)	1770 / 2670	1770 / 2670	1700	strip direction	Horizontal	Horizontal	Horizontal	opening factor	14%	3 to 4%	0%
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	<p>SOLTIS 86/SOLTIS 92 - transparent and light-inhibiting fabrics. - Woven from polyester thread, stretched under great tension and secured with a plastisol layer. - Varnished on both sides -> excellent protection against UV radiation. - High tear strength without additional reinforcement. - Durable and dirt repellent. - Exceptional dimensional stability when used between -30°C and +70°C. - Blinds with a drop of -> 2670 mm are fitted with a horizontal weld seam! - With two-tone fabrics, the Alu side is always on the outside or on the garden side with assembly types 1-4; with assembly types 5-6 always towards the floor. - Minimum slope angle 8°, if there is a chance of light rain on the fabric.</p> <p>BLACK-OUT B92 - opaque and light-blocking fabric. - Woven from polyester thread, stretched under great tension and secured with a plastisol layer. - Supplied with a light-blocking PVC coating on one side (window side). - Wind can cause the bottom lath and fabric to lift up, and as a result it is not possible to guarantee that light is blocked 100%. Blinds with a drop of -> 1700 mm are fitted with a horizontal weld seam! - Minimum slope angle 15°, if there is a chance of light rain on the fabric.</p>
Wind resistance	These comply with wind speed class 3 – EN13561. Test results according to CSTC, running at constant pressure of up to 1000Pa (up to >140km/h) and an average dimension of 3.5 x 3m.
Product Options	



PLEASE CONSULT US FOR ADVICE – info@envioblinds.co.uk or + 44 (0) 1273 689151