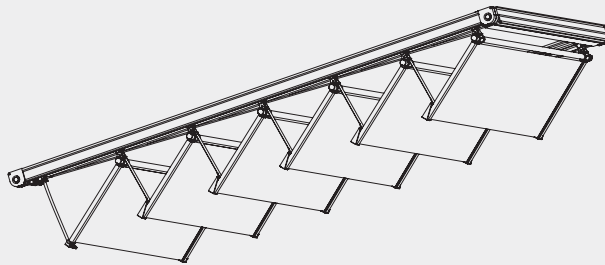


Skylight Shading Systems



Motorised Skylight Shading System

Silent Gliss® 8800



Product Information

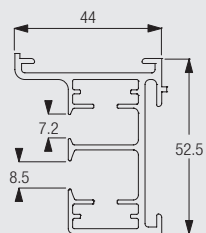
- A unique and technically advanced heavy duty glass roof shading system.
- Panel tilting and retracting technique.
- Suitable for applications up to 30° from horizontal.
- Vertical positions of panels limits soiling and heat build up.
- Specially defined fabrics available.
- The system components are made from flame retardant and UV-resistant material.
- Can be combined with Radio Remote Control System Silent Gliss 9940/0450.



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Profile, Bending and Specification Information

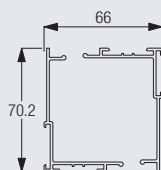
Main Carrier Profile



8801



Profile 2151 for motor cover



2151

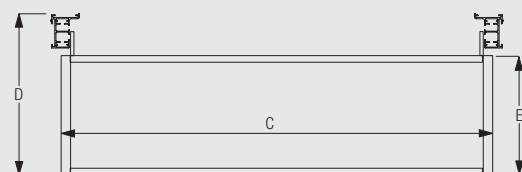
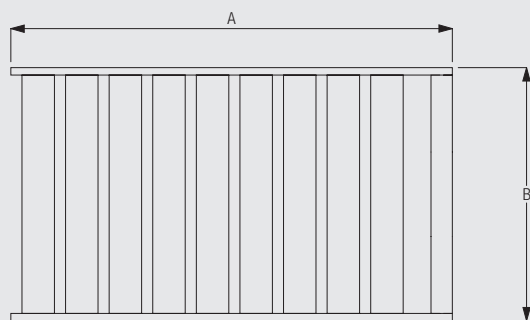


Specification Information - download from Silent Gliss website www.silentgliss.co.uk

8800 electrically operated tilting panel skylight system ready assembled with motor enclosed headbox 2151 complete with drive shafts, side guide channels and panels for blinds. Side guide channels to be fixed at 60-80cm centres and headbox to be fixed with 3004 clamps and screw fix through headbox 2151. off.....wide xdrop (girth) guide channels, side channels with fabric panels wide x 36cm drop suspended from system at 32cm intervals.

Measuring and Planning

How to measure



Sides must always be parallel

A: System length

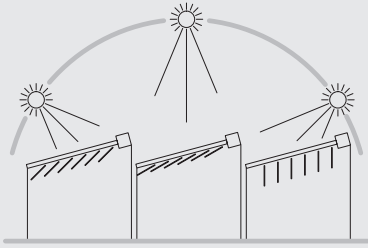
B: System width

C: Panel width

D: Total system height is always 52cm

E: Fabric panel drop - 36cm

Planning guidelines

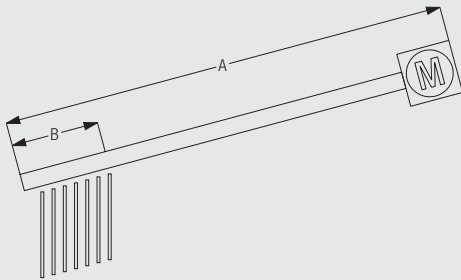


Orientation of the System

In order to optimize glare and light control, special attention has to be given to the position of the system to the sun throughout the day.

It is important to consider that the panels always tilt towards the stack.

Due to the number of possible variables when planning this system it is important that advice is sought from a Silent Gliss trained technician.



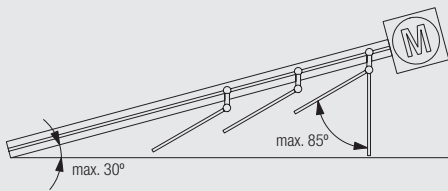
Motor Positioning

With sloping systems, the motor is always positioned at the highest point of the system.

Stack Sizes

Stack sizes are variable: As the length (A) increases, so does the stack (B).

A	4m	6m	8m	10m	12m
B	43cm	65cm	88cm	114cm	136cm



Tilting on a sloping system

Suitable for applications up to 30° from horizontal. The maximum tilting of the panel from its vertical position is 85°.



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System and Panel Dimensions



3m



max. 36sqm



12m (0° inclination)
7m (30° inclination)



Max panels: 36



67kg

Maximum system measures

Inclination	0°	15°	30°
Width	3m	3m	3m
Length	12m	10m	7m
height	0.52m	0.52m	0.52m

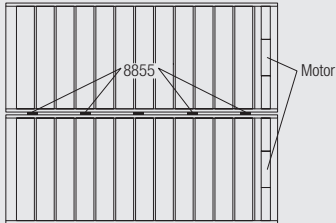
The maximum dimensions of the system and panels depend from the degree of inclination. The angle of the system will affect the maximum dimension.

Panel measurements (fabric)

The height of the fabric panels is always 36cm.

System Options

Multiple systems

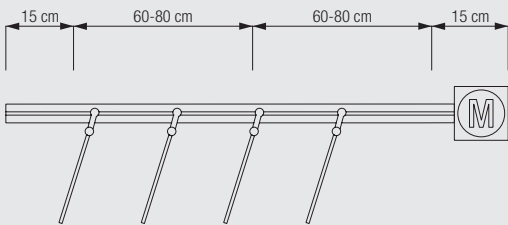


With intermediate bracket 8855 parallel fixing of multiple systems is possible. This allows shading of unlimited glazed areas.

However each system requires its own motor.

Fitting Information

Bracket positioning



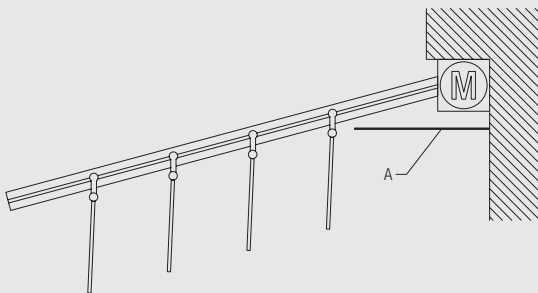
This diagram illustrates the likely positioning of brackets.

It is likely that customised brackets will be required with this system.

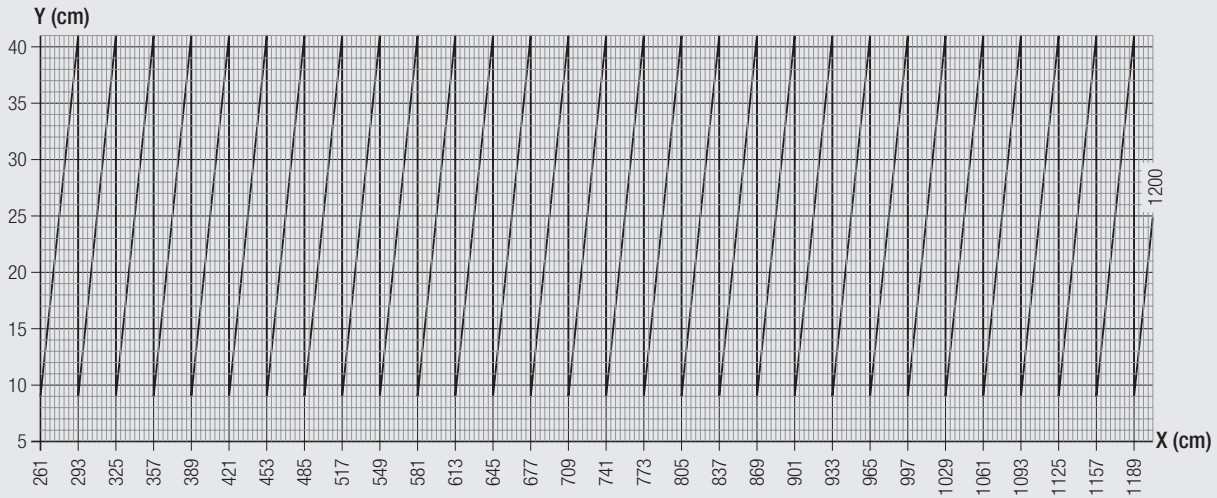
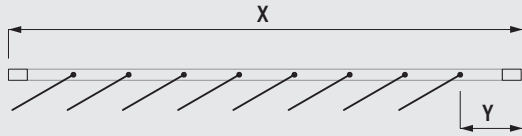


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Fitting of motor and covering of motor gap

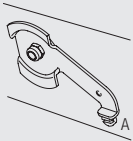


Customised cover panels may be required at either end of the system.



Due to technical reasons there will be a light gap (y) on the front side of the system. The size of the gap depends on the length of the system (x). If required, this gap can be hidden with a special faceplate (fitting on site).

Securing the clamp



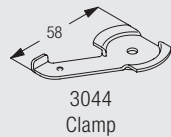
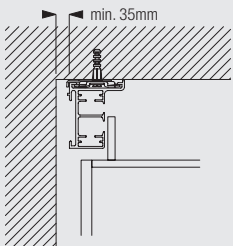
A: Clamps 3044 require fixing with a small screw for maximum security.



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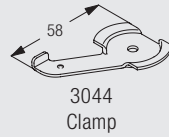
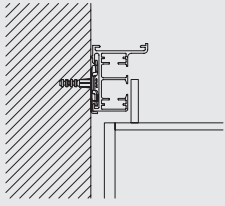
Fitting Options

Ceiling fix with clamp 3044 (single system)



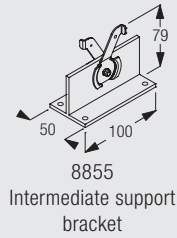
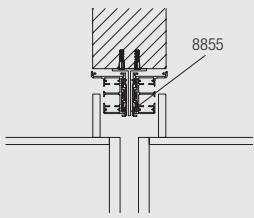
3044
Clamp

Wall fix with clamp 3044



Clamp 3044 requires additional fixing with a small screw for maximum security.

Parallel ceiling fix with Intermediate support combination 8855 and clamp 3044 (multiple systems)







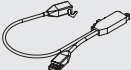
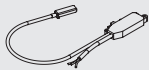









Standard Accessories

0766	In-line connector (complete/no lead)		1003	Profile	
2151	Profile		2242	Connector	
8800	Endcover (22.4mm)		3044	Clamp	
8801	Profile		8834	Wedge	
8837	Panel guide		8840	Tensioner comb.	

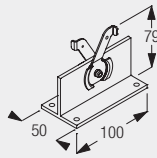
Optional Accessories

0578	Pattress box		0615	Latching switch inc. pattress box	
0913	Wall mounted switch single-channel BS Brushed Stainless/MP Mirror Polish/BR Brass		0914	Wall mounted switch 8-channel BS Brushed Stainless/MP Mirror Polish/BR Brass	
0915	Hand held transmitter single-channel		0919	Control module (motor type B, BB)	
0939	Multi-channel programmable transmitter		5736	Relay socket	

5741	Klik plug		5742	Klik socket	
8855	Intermediate support bracket		8861	Distance plate	
9068	Remote receiver (flush mount)		9943	Wall switch	
9944	Remote receiver (non latching)		9945	Remote receiver (latching)	
9946	Wall switch		9948	Wall switch	
10297	Solar Sensor		10298	Sensor	
10300	Hand-held transmitter, 1 channel		10302	Hand-held transmitter, 5+1 channel	
10303	Hand-held transmitter, 10+2+1 channel				

Useful Measurements

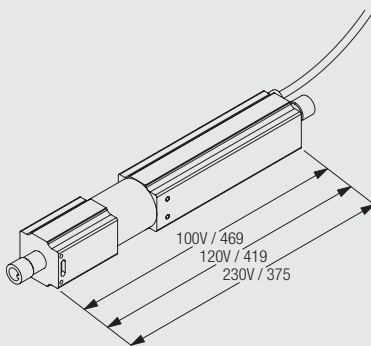
8855 Intermediate support bracket



Motorisation

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Motor Silent Gliss 9009

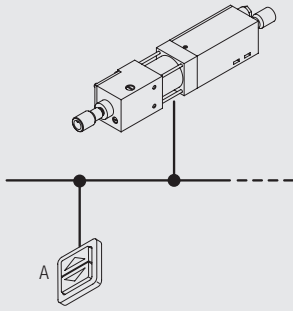


- Torque: 12Nm / 10Nm
- Voltage: 120V / 230V
- Frequency: 60Hz / 50Hz
- Power: 150W / 150W
- Current: 1.35A / 0.66A
- Speed: 30rpm / 35rpm
- Thermal overload protection
- Mechanical end stop

The Silent Gliss 9009 motor is an interference-free motor, designed to offer top performance in regard to strength and reliability. The entire motor is integrated in the profile.

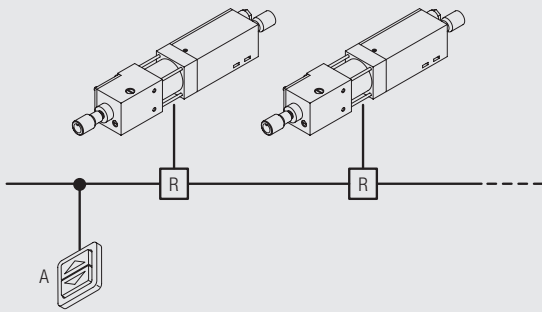
Operating Methods

Operation via fixed switch (single system)



A: Switch and 120/230V supply
All cabling between switch and motor is to be 3 core + earth

Operation via fixed switch (multiple systems)

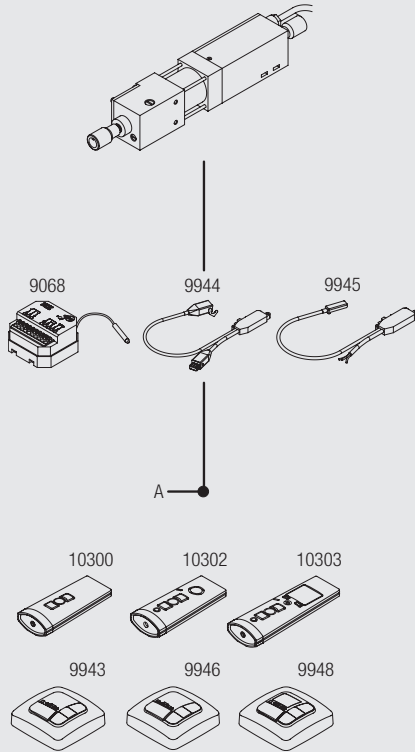


A: Switch and 120/230V supply
R: Relay
All cabling between switch - relay - motor is to be 3 core + earth



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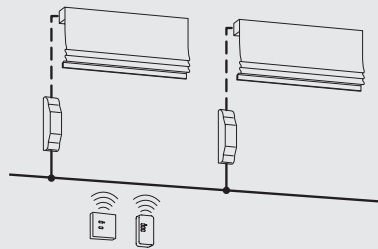
Operation with system 9940 radio controls



A: 120/230V

Motor 9009 without integrated receiver can be operated in combination with external receivers Silent Gliss 9068, 9944 or 9945.

Operation with system 0450 radio controls



Radio Remote Control

- Supply 230V (2 ±)
- - - Supply 230V (3 ±)

The Silent Gliss System 0450 Radio Controls allow the System 8800 to be operated via fixed switch or hand-held remote controls. For more information on the wide range of controls refer to the Switches and Controls section of this catalogue.



Wiring and Connections

Important: Wiring diagrams are available at www.silentgliss.co.uk (password required).

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