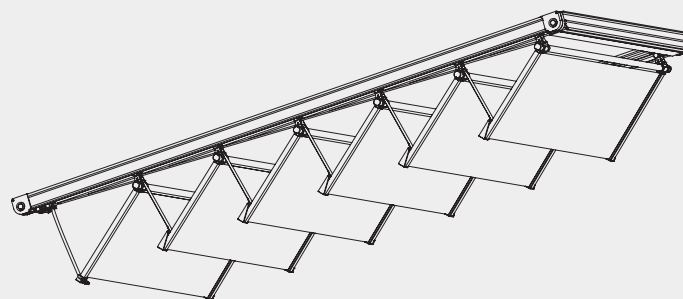## Motorised Skylight Shading System
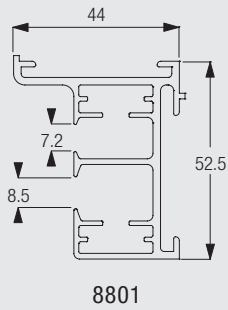
Silent Gliss® 8800

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
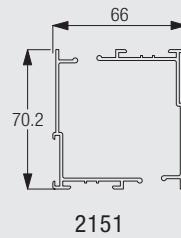- Can be combined with Radio Remote Control System Silent Gliss 9940/0450

8800

## Profile, Bending and Specification Information

Main Carrier Profile

44

7.2

8.5

52.5

Cannot be bent.

8801

Profile 2151 for motor cover

66

70.2

Cannot be bent.

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 x ....drop (girth) guide channels, side channels with fabric panels .... wide x 36cm drop suspended from system at 32cm intervals.

Measuring and Planning

How to measure

A

B

8800

D

C

E
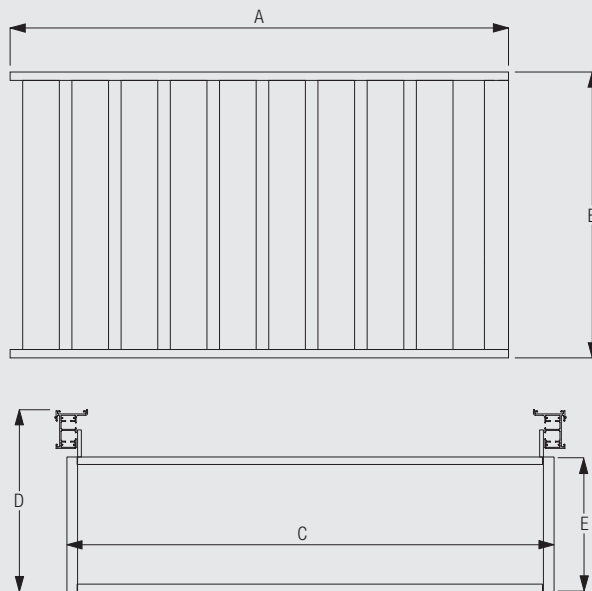
Sides must always be parallel
A: System length
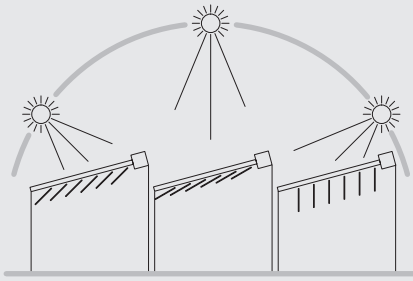B: System width
C: Panel width
D: Total system height is always 52cm
E: Fabric panel drop - 36cm

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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.
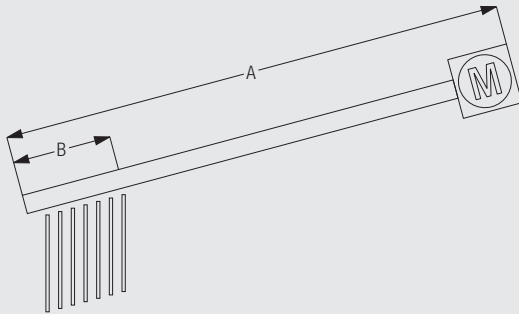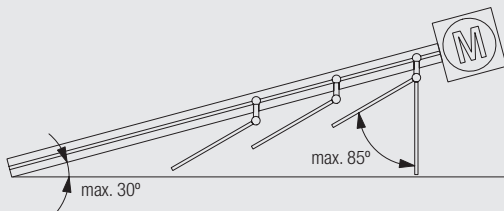

Motor Positioning

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

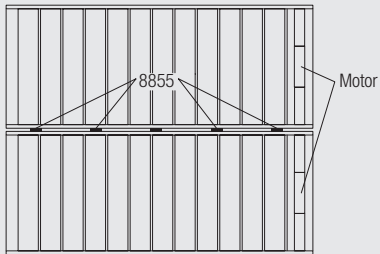| Inclination	0º	15º	30º
Width	3m	3m	3m
Length	12m	10m	7m
height	0.52m	0.52m	0.52m

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

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Panel measurements (fabric)

The height of the fabric panels is always 36cm.

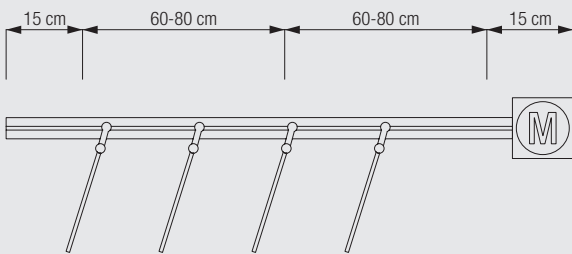## System Options

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.
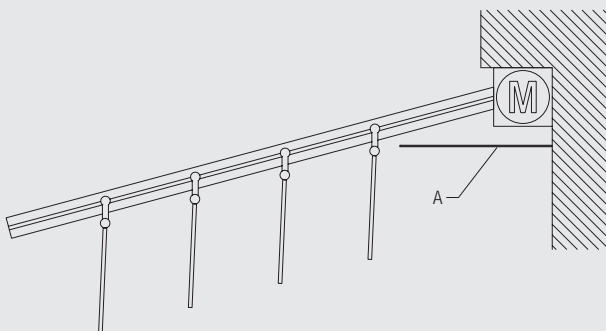
Fitting Information

Bracket positioning

This diagram illustrates the likely positioning of brackets.

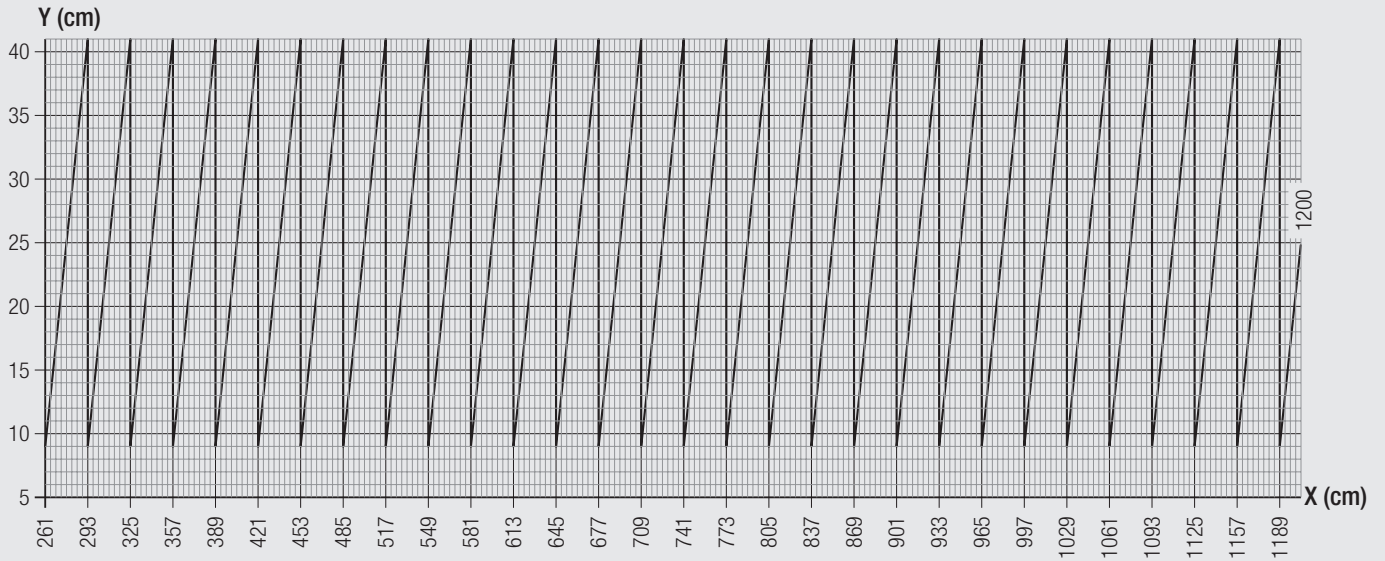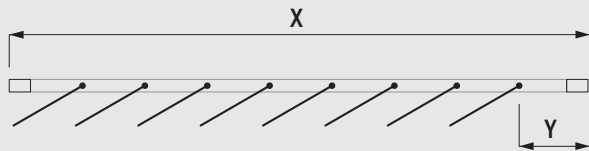**It is likely that customised brackets will be required with this system.**

Fitting of motor and covering of motor gap

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

Y (cm)

40
35
30
25
20
15
10
5

1200

X (cm)

261 293 325 357 389 421 453 485 517 549 581 613 645 677 709 741 773 805 837 869 901 933 965 997 1029 1061 1093 1125 1157 1189

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).
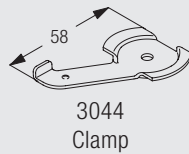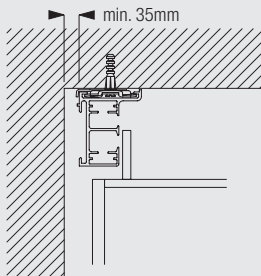
Securing the clamp
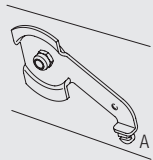
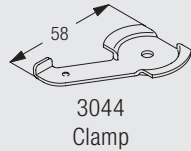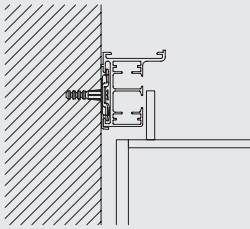A: Clamps 3044 require fixing with a small screw for maximum security.

8800

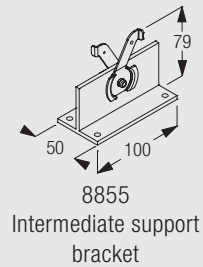## Fitting Options

Ceiling fix with clamp 3044 (single system)

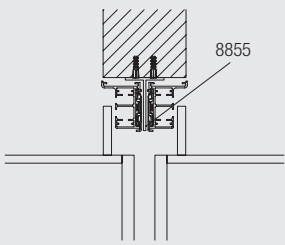min. 35mm

58

3044
Clamp

Wall fix with clamp 3044

58

3044
Clamp

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)

8855

79

50   100

8855
Intermediate support
bracket

Standard Accessories

0766	In-line connector (complete/no lead)		1003	Profile	
2151	Profile		2242	Connector	
3014	Endcover (22.4mm)		3044	Clamp	
8801	Profile		8834	Wedge	
8837	Panel guide		8840	Tensioner comb.	
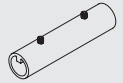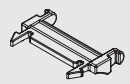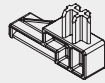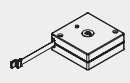
Optional Accessories

0578	Pattress box		0615	Latching switch inc. pattress box	
5736	Relay socket		5741	Klik plug	
5742	Klik socket		8855	Intermediate support bracket	
8861	Distance plate				
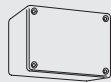
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Useful Measurements

8855	Intermediate support bracket	

79
50   100
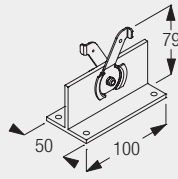
Motorisation

Motor Silent Gliss 9009

100V / 469
120V / 419
230V / 375
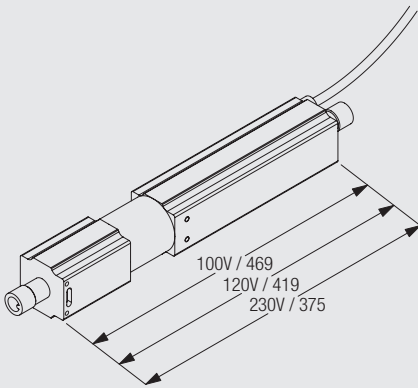
- Torque: 12Nm / 10Nm
- Voltage: 120V / 230V
- Frequency: 60Hz / 50Hz
- Power: 150W / 150W
- Current: 1.35A / 0.66A
- Speed: 30rpm / 35rpm
- Thermal overload protection
- Mechanical end stop

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.

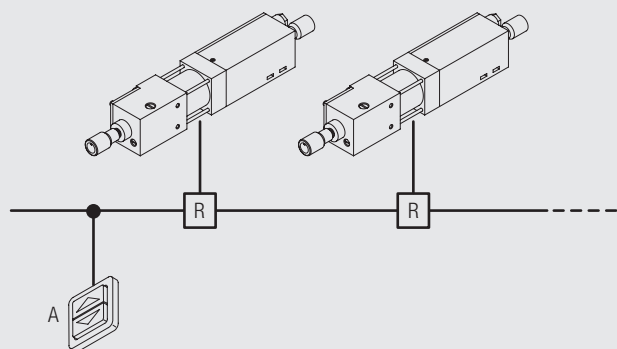### Operating Methods

Operation via fixed switch (single system)

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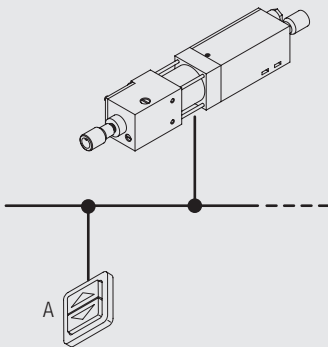
A: Switch and 120/230V supply
All cabling between switch and motor is to be 3 core + earth

8800

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Operation via fixed switch (multiple systems)
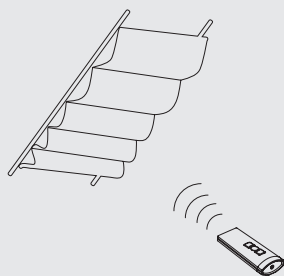
A: Switch and 120/230V supply
R: Relay
All cabling between switch - relay - motor is to be 3 core + earth

Operation with radio control systems 9940/0450

System can be combined with Radio Remote Control Systems Silent Gliss 9940/0450, with minimum wiring. For further details, please refer to catalogue section "Motors & Controls".

Wiring and Connections

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

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