

Product Data Sheet

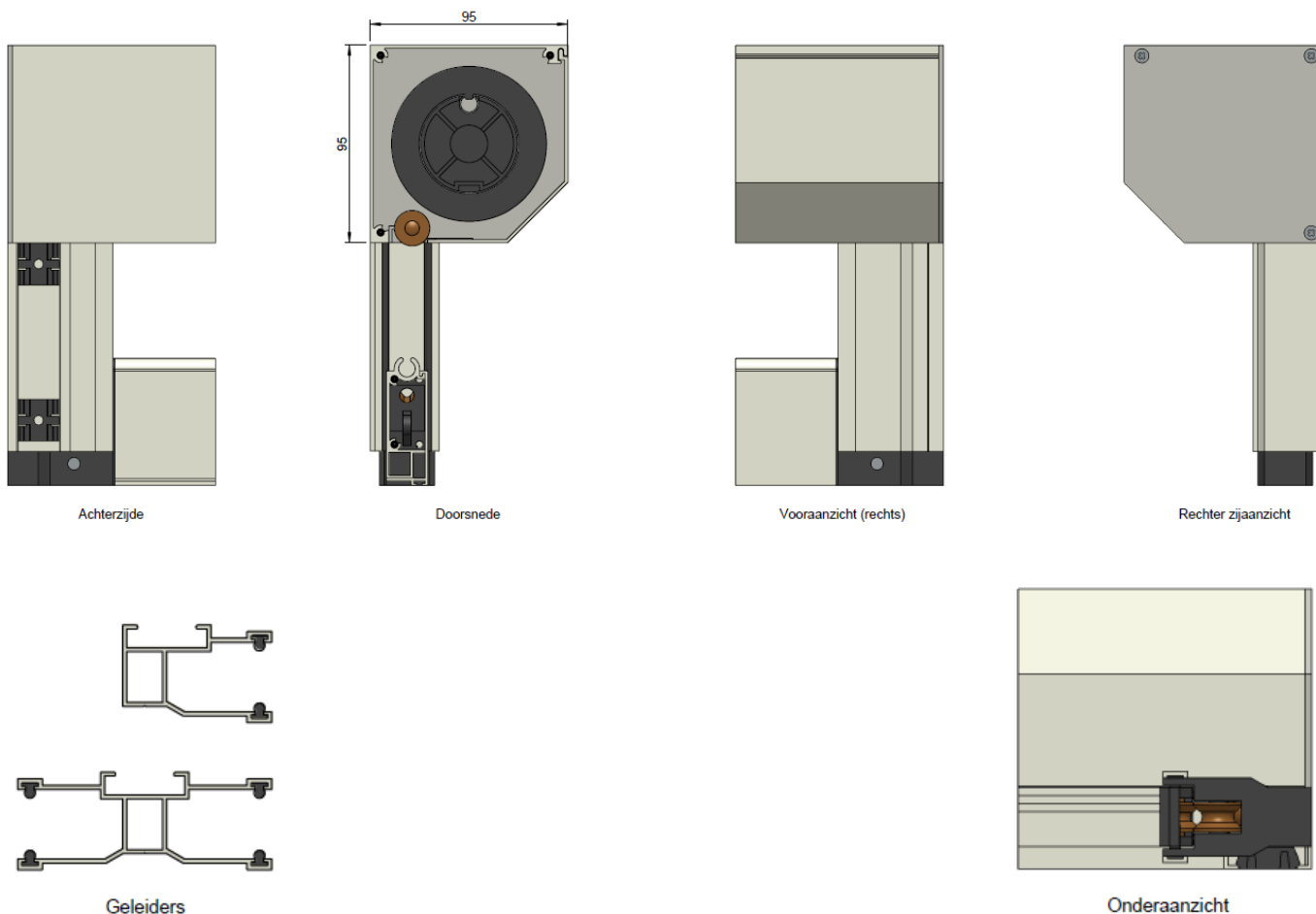


Name:	BestBlind L		
Type:	Electrical horizontal sunblind		
Description:	Horizontal sunshade for flat rooflight applications		
Features:	A stylish shaped cabinet. The fabric glides over the glass by conductors. Sunlight and heat are absorbed and reflected. The screen has a 230 V engine and is controlled wireless. The case and the frame are made of aluminum and are invisibly mounted to the glass.		
Min/Max Dimensions:	Min. Cabinet width:	800 mm	
	Max. Cabinet width:	3000 mm	
	Min. Conductor length:	600 mm	
	Max. Conductor length:	3000 mm	
	Max. size fabric:	7.5 M2 (Soltis 92)	
		3.0 M2 (Soltis Black out)	
Standard Frame Colours:	All RAL colours. (special RAL colours on request)		

Cassette dimensions:

Height: 95 mm

Depth: 95 mm



Fabric:

Specifications:

FERRARI SOLTIS® 92

Fabric: High Tenacity Polyester

Finish: Vinyl

Flame Retardant – California State Fire Marshal Title 19

Weight: 86:11 oz. per sq. yd. – 92:12 oz. per sq. Yd

Weather and UV resistance

Standard Fabric Colour:

92-2047 Anthracite

Solar Transmission (TS):

5

Solar Reflection (RS):

8

Solar Absorbtion (AS):

87

Engine: Topstar wireless

Technologie	
Applying condition	Temperature -10°C~+45°C
Range	50m in flat area
Radio frequency	433,92 MHz
EN:	EN:60335-2-97 TÜV approved
Elektrisch	
maximum power	250 V
Minimum power	210 V
Consumption during operation	150 W
Antenna	Integrated
Motor power supply/frequency	210/250 V AC; 50/60Hz

Mounting Hardware:

BestBlind on frame:

M6 stainless steel bolts

Frame on glass:

3M™ VHB™ Industrial tape

Tape Specifications:

3M VHB Acrylic Foam Tape 5925

Physical Properties	
Adhesive Type	Acrylic Foam.
Thickness (ASTM D-3652)	0.64 mm
Foam Density	590 kg/m ³
Release Liner	Red polyethylene film
Tape Colour	Black
Performance Characteristics	
Peel Adhesion to Stainless Steel 90° peel @ room temp, 72 hr dwell, jaw speed 300mm/min	30 N/10mm
Static Shear Strength weight held for 10,000 mins to stainless steel with 6 sq in (3.23 sq cm) overlap	1500 g @ 22°C 500 g @ 68°C 500 g @ 93°C 250 g @ 121°C
Normal Tensile (TBlock) to Aluminium at room temp, 6.45 sq cm, jaw speed 50 mm/min	620 kPa
Temperature Performance (Minutes/Hours) (Days/Weeks)	150 °C 120 °C
Solvent Resistance Splash testing cycle - 20 seconds submersion - 3 cycles.	High
UV Light Resistance	Excellent

Options:

- Operation by PC, smartphone and tablet (Android and IOS);
- Automatic control by sun and wind;
- Wireless Switch;
- Other RAL color;
- FERRARI SOLTIS® 92 canvases.
- Somfy Engine

Technology	
Memory capacity	12 different codes plus 3 wireless sensors
Range	20 m through 2 reinforced concrete walls
Radio frequency	433,42 MHz
Encoding	Rolling code 16 million possibilities
Electrical	
maximum power	253 V
Minimum power	207 V
Consumption during operation	150 W
Antenna	Integrated
Voltage / frequency	230V 50Hz

For more Information:

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 Registered in Holland KvK 60025069



CLU-NH-IMPS 12R12

ORIGINAL EU/EC DECLARATION OF CONFORMITY

16/049 R4

We, SOMFY, 50 Avenue du Nouveau Monde F-74300 CLUSES FRANCE,

declare under our sole responsibility that the SOMFY branded product:

SUNEA io xx/yy (xx > 50)

xx/yy = 55/17- 70/17 - 85/17 -100/12 - 120/12

SUNEA io 55/17; SUNEA io 70/17; SUNEA io 85/17; SUNEA io 100/12; SUNEA io 120/12

Motorisation for shutter, awning, blind or similar equipment

Serial number from XXX17166000000

when used as intended, according to its instructions, complies with the essential requirements of the following directives:

Machinery directive (MD) 2006/42/EC

Radio equipment directive (RED) 2014/53/EU

Restriction of the use of certain Hazardous Substances directive (RoHS) 2011/65/EU

The following standards were applied to assess the conformity:

EN 60335-1:2012 + A11:2014 ; EN 60335-2-97:2006 + A11:2008 + A12:2015 + A2:2010

EN 62233:2008 ; EN 62479:2010

EN 301489-1 V1.9.2:2011 ; EN 301489-3 V1.6.1:2013 ; EN 55014-1 :2006 + A1:2009 + A2:2011 ;
EN 55014-2:1997 + A1:2001 + A2:2008

EN 300220-1 V3.1.1:2017 ; EN 300220-2 V3.1.1:2017



CLUSES, 2017/06/28
Antoine CREZE
Group Quality Director



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The above signatory is also authorised to compile the technical file

Sunea Screen io

Wired

RS485

Dry contact

RTS

io

SOLUTIONS FOR COMMERCIAL BUILDINGS

The first universal io motor to motorize
any vertical screen application.



Applications



external
vertical
screens

- Suitable for tubes diameter 50 mm or more
- For vertical screen with or without box and Zip applications
- Can be used for windows up to 15 m²

Main characteristics

- > High speed motor
- > Electronic stop detection
- > Possibility to enable / disable back release after cassette closure
- > Possibility to set the motor on both cassette mode (half automatic setting) or standard mode (manual setting)
- > Available with star head (6 possibilities to orientate the head of the motor) or round head (for reduced dimensions)
- > Compatible with all io sensors and controls

Certifications

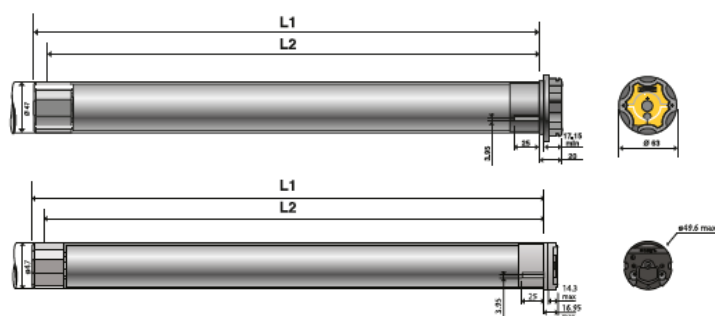

somfy®

Sunea Screen io

SOLUTIONS FOR COMMERCIAL BUILDINGS

CHARACTERISTICS

Supply voltage	230 VAC / 50 Hz
Degree of protection	IP 44
Operating temperature	20% -20 to 70°C 80% -10 to 40°C
Protection class	Class I
Limit switch unit	Electronic
Conformity	www.somfy.com/ce



Performance

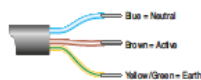
Nominal voltage	230 V / 50 Hz		
Torque	6 Nm	10 Nm	15 Nm
Speed	32 rpm	32 rpm	32 rpm

Dimensions

L1 (in mm)	655	655	675
L2 (in mm)	640	640	660

Type of cable

3 threads by wire


somfy®