

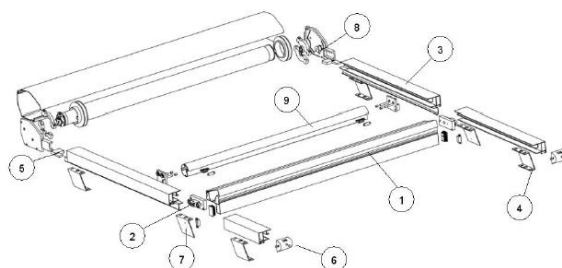
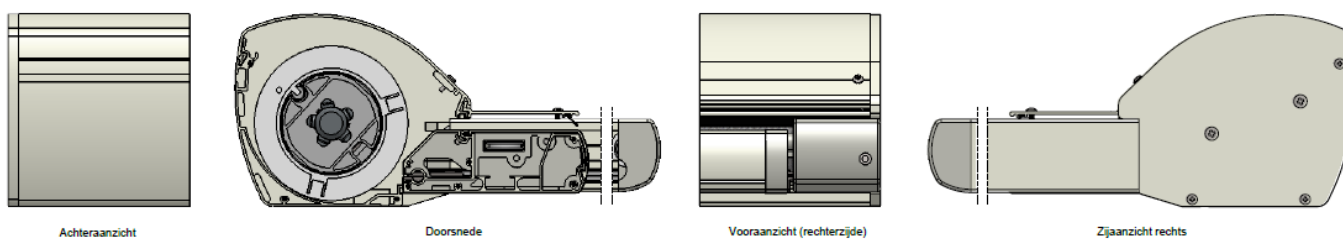
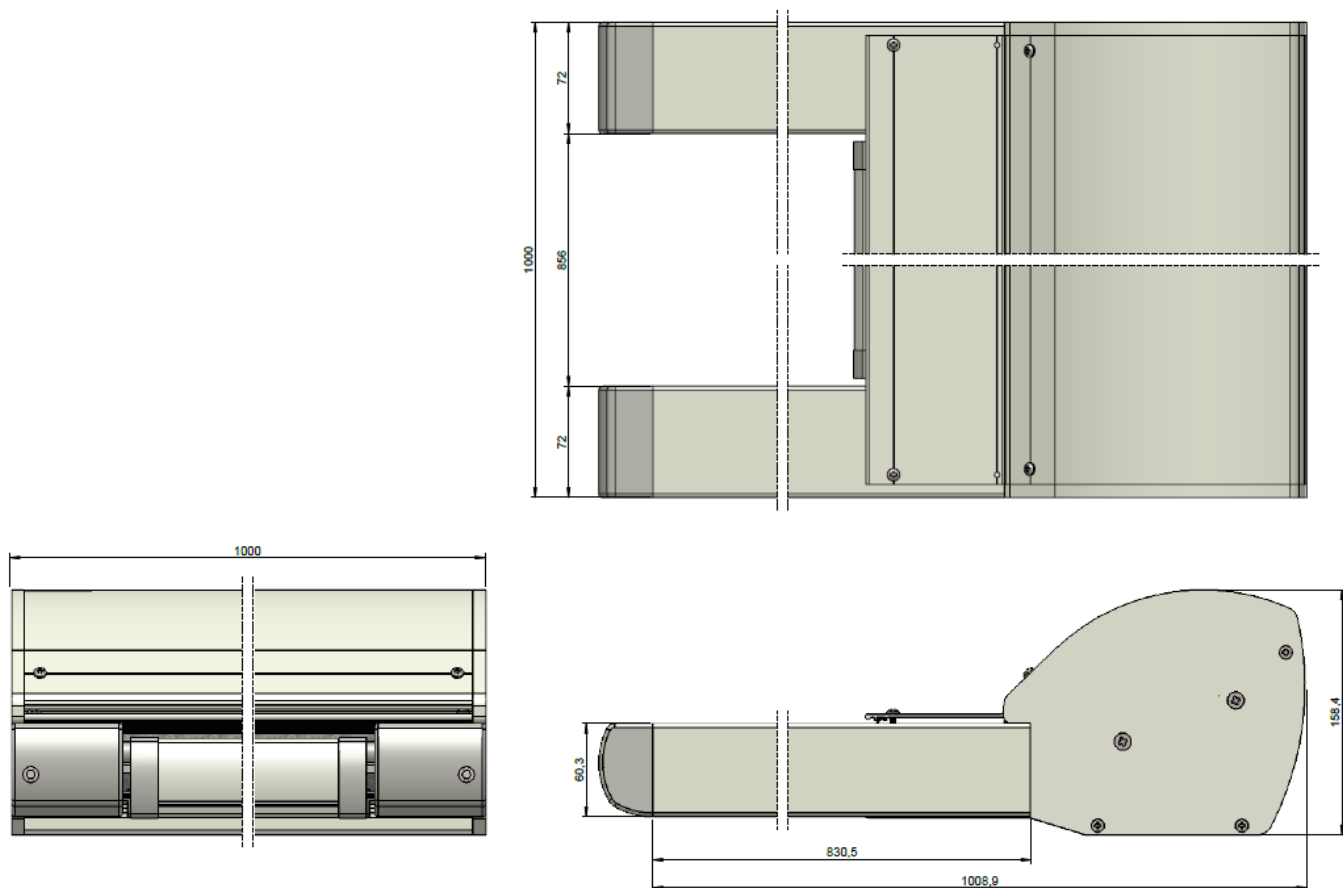
Product Data Sheet



Name:	BestBlind XL		
Type:	Electrically horizontal sunblind		
Description:	Horizontal sunshade for flat roof light applications		
Features:	A stylish shaped cassette. The fabric glides over the glass by conductors. Sunlight and heat are absorbed and reflected. The screen has a 230 V Engine and is wireless controlled. The engine is thermally protected. So it never overheated by overuse. The cassette and the frame are made of aluminum and are invisible assembled on the glass.		
Min/Max Dimensions:	Min. Cassette width:	1900 mm	
	Max. Cassette width:	5000 mm	
	Min. Conductor length:	1500 mm	
	Max. Conductor length:	4000 mm	(if Cassette >3500mm; Max Length: 4000mm)
	Max. size fabric:	15 M2 (Soltis 92)	
		6.0 M2 (Soltis Black out)	
Standard Frame Colors:	All RAL colours. (special RAL colours on request)		

Cassette dimensions:

Height: 139 mm
 Total Height: 219mm
 Depth: 175 mm



Fabric: FERRARI SOLTIS® 92
Specifications: 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 Color: 92-2047 Anthracite
Solar Transmission (TS): 5
Solar Reflection (RS): 8
Solar Absorption (AS): 87

Engine: Somfy Sunea IO

(CE Declaration of Conformity is attached in this datasheet)

Technologie	
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 of possibilities
Elektrisch	
maximum power	253 V
Minimum power	207 V
Consumption during operation	150 W
Antenna	Integrated
Voltage / frequency	230V 50Hz

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

The BestBlind XL is suited for outdoor use and complies with the Following European guidelines for CE marking (these are converted into The Dutch legislation):

- Construction Products Directive: 89/106/EEG
- Requirements of the Machine directive: 98/37/EG
- Low Voltage Directive: 73/23/EG
- EMC Directive: 89/336/EEG
- Standard mains voltage: 230 Volt and 50 Hz

Class			
Model	Class Wind Load	Class Water Load	Class Lifetime
TopBlind XL+	2	1	1
	EN 13561:2004 Table 1	EN 13561:2004 Table 2	EN 13561:2004 Table 3

Table 1 - Wind load	
Wind-force in Beaufort	4
Wind-speed in km/per hour	28
wind pressure in Newton/m2	40

Table 2 - Water load	
Amount of precipitation in liters/(per m2 per hour)	17

Table 3 - Lifetime	
Number of times opening and closing,	3000

Options

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

somfy

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

somfy
SOMFY SAS
au Capital de 40 000 000 €
50, avenue du Nouveau Monde - B.P. 152
74307 CLUSES CEDEX - FRANCE
Tél. +33 (0)4 50 98 70 00 - Fax +33 (0)4 50 98 84 96
Siret 303 970 230 00122 - Code Ape 311 A

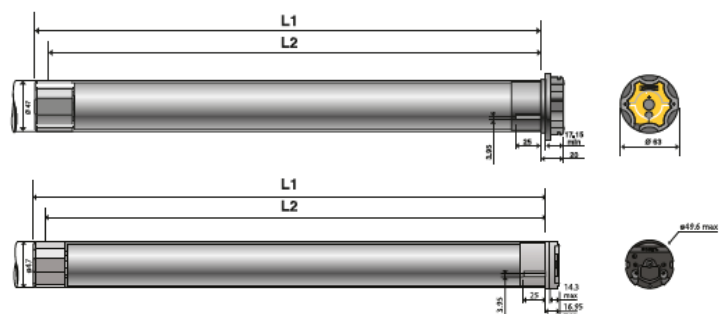
The above signatory is also authorised to compile the technical file

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

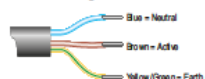
Nominal voltage	230 V / 50 Hz		
Torque	6 Nm	10 Nm	15 Nm
Speed	32 rpm	32 rpm	32 rpm

Dimensions

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

Type of cable

3 threads by wire



somfy®

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®