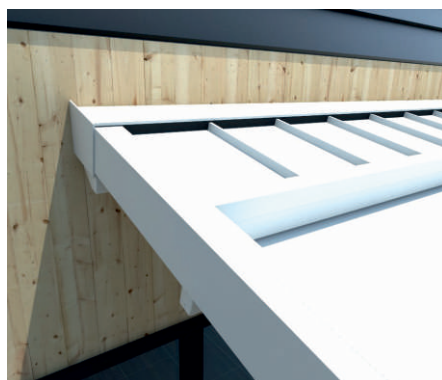




Light

-product card

The Tarasola Light is a pergola designed especially for covering medium to large terraces. Its seamless joints and structure make it appear particularly light and futuristic. It comes in a wall-mounted version only. Additional accessories can include an integrated lighting and infrared heaters. The Light is tailored specifically for the exact requirements of the customers.



SPECIFICATION

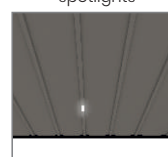
- The structure is made of extruded powder-coated aluminum.
- Electric motor control included in the price.
- TechProtect roof fabric – comes as standard (other fabrics available on request).
- Possibility of powder coating in any RAL colour.
- Comes in wall-mounted version only.
- Option of modular connection.
- 3rd class of wind resistance.
- Additional fastening beam for projection over 450 cm.
- Fabric visor in set.
- Option of additional accessories:
 - lighting – LED spotlights and LED tubes,
 - infrared heaters,
 - wind, solar and rain sensors.



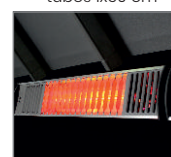
LED lighting
– spotlights



LED lighting
– tubes 1x50 cm



LED lighting
– tubes 3x12,5 cm



Infrared heaters



COLOURS

CONSTRUCTION



9010ST
Colour cream-white
similar to RAL9010



7016ST
Colour anthracite-
metallic similar to
RAL7016



9007ST
Colour grey
aluminium similar to
RAL9007

ADDITIONAL COLOURS



Any colour from
the RAL palette



Wood-like varnish

WIND RESISTANT BEAMS



9016
Colour white



1013
Colour cream



7016ST
Colour anthracite-
metallic similar to
RAL7016

ADDITIONAL COLOURS



Any colour from the
RAL palette

FABRICS

TechProtect

SOLTIS W 96

Serge 600 SOLAR

FABRIC VISOR – the structure has an integrated system canopy which protects the fabric when rolled up

STANDARD FABRIC COLOURS (TECHPROTECT)



white/ white 112



bordeaux/ cream 444



grey/ light grey 877



anthracite/ cream 815



cream/ cream 272



taupe/ cream 819



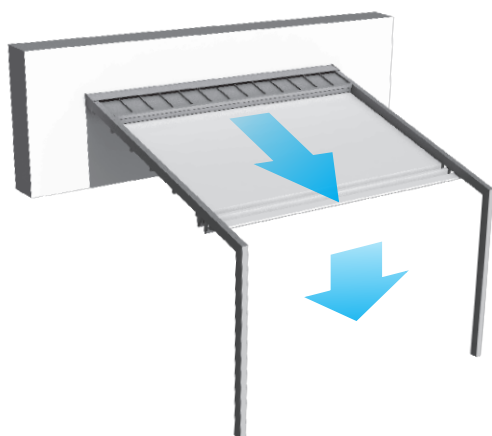
grey/ cream 878



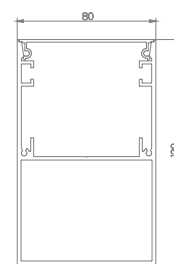
green/ cream 632

The Machinery Directive 2006/42/EC of the EU Parliament and of the Council – SAFETY OF MACHINES AND EQUIPMENT – Regulation amending Annex III to Regulation (EU) No 305/2011/ a declaration of performance on construction products (CPR), in accordance with the standards: PN – EN 13561 + A1: 2010 – EXTERNAL BLINDS – operational requirements and safety; according to the norm: PN – EN 1932: 2013 – 09 – EXTERNAL BLINDS / ROLLER SCREEN / RESISTANCE TO WIND PRESSURE – BY RESEARCH METHODS

WATER DRAINAGE

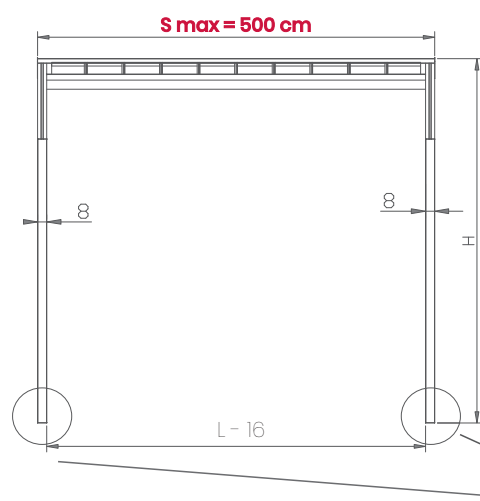


CROSS-SECTION PROFILE

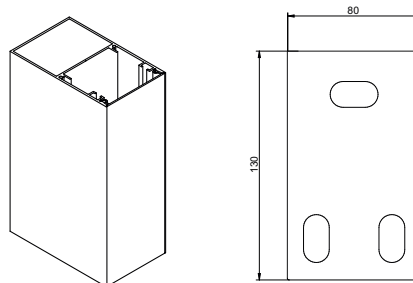


Supporting pillar

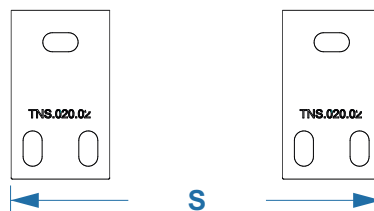
FRONT VIEW



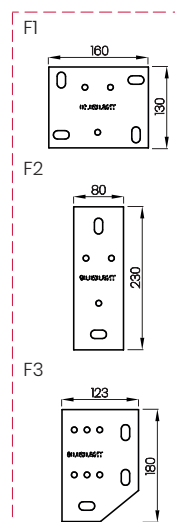
POST FIXING PLATE



POSITION OF EXTERNAL FIXING PLATES

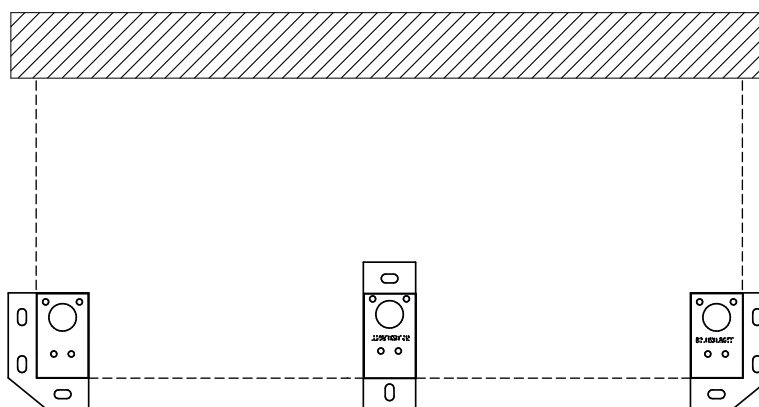


FIXING PLATE EXTERNAL

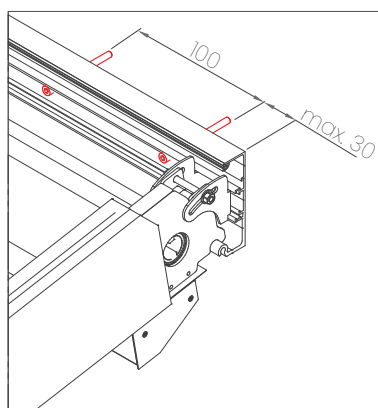


UNPAINTED STAINLESS STEEL

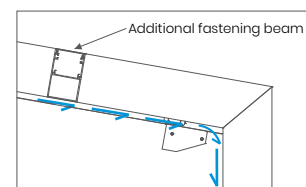
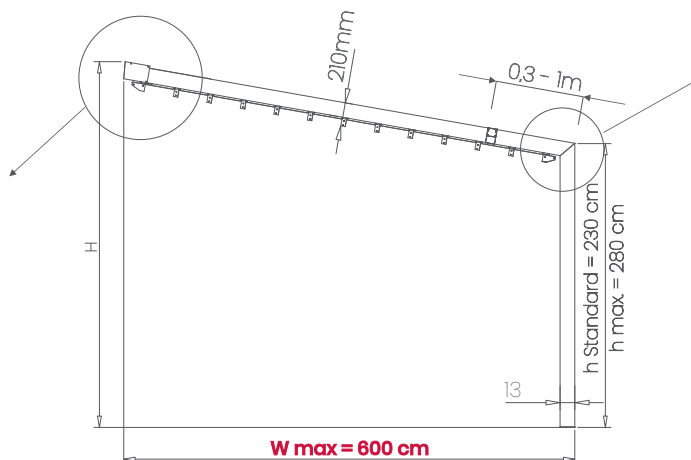
LAYOUT EXAMPLE



SIDE VIEW



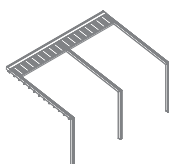
INSTALLATION OF STARTING PROFILE



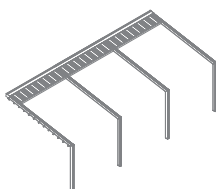
MULTIPLE MODULES CONNECTION



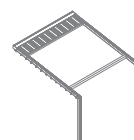
1 module:
Width max - 500 cm
Max projection - 450 cm



2 modules:
Width max - 900 cm
Max projection - 450 cm

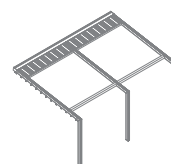


3 modules:
Width max - 1300 cm
Max projection - 450 cm

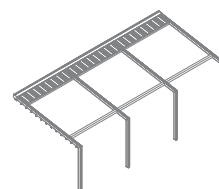


Additional fastening beam

1 module
Width max - 500 cm
Max projection - 600 cm



2 modules:
Width max - 900 cm
Max projection - 600 cm

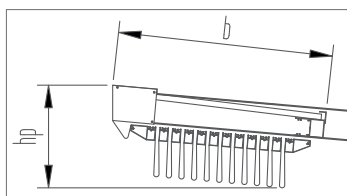


3 modules:
Width max - 1300 cm
Max projection - 600 cm

*Rail - always in the axis of the pillar

FABRIC BUNDLE

Calculation table for the bundle and fabric visor






P [cm]	b[cm]	I [pc]	hp [cm]
Projection of the construction	Projection of fabric visor	Number of wind resistant beams	Bundle height after folding (± 5cm)
200	53	4	45
250	59	5	45
300	65	6	46
350	71	7	46
400	77	8	47
450	83	9	47
500	89	10	48
550	95	11	49
600	101	12	50

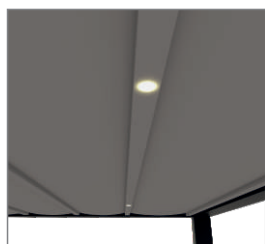
The total height of a folded fabric varies, depending on the spacing between the wind-resistant beams. On request, spacing can be reduced, so reducing the total height of the folded fabric (hp).

S [%]	L [cm]
Minimum Slope	Maximum distance between guides
6-7	200
7-8	200-250
8-10	250-300
10-12	300-350
12-14	350-400
14-16	400-450
≥17	450-500

Table of optimum roof pitches and guide distance relationships

Fabrics		description
Techprotect		850 g/m ²
Soltis W 96		620 g/m ²
Serge 600 SOLAR		645 g/m ²
Motors		
Wired motor		
SOMFY – mechanical limit switches, compatible with TELECO control panels		
Radio motors		
SOMFY ALTUS RTS		
SOMFY PERGOLA IO		
Remote controls  RTS		
SITUO 1 RTS remote control, single-channel		
SITUO 5 RTS remote control, five-channel		
SITUO 1 SOLIRIS RTS remote control, single-channel with solar sensor support		
SITUO 5 SOLIRIS RTS remote control, five-channel with solar sensor support		
TELIS 16 RTS remote control, sixteen-channel		
Remote controls  IO		
SITUO 1 IO remote control, single-channel		
SITUO 5 IO remote control, five-channel		
NINA IO remote control, for 50 devices		
NINA TIMER IO remote control, for 50 devices		
Controls  TELECO		
Radio control unit for 1 motor (no weather sensors option)		
Radio control unit for 1 motors, integrated with LED receiver (max. 75 pc LED spotlights) Optional sensors: wind, rain, temperature, combination of temperature & rain sensors to detect snow		
Power supply 150 W		
42 channel remote control, black/white		
63 channel remote control, black/white		

Lighting



LED lighting – spotlights

LED spotlights

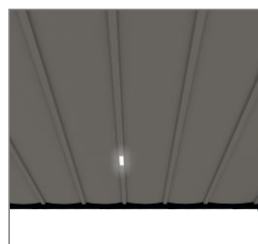
Additional control up to 25 spotlights Somfy RTS

Additional control up to 50 spotlights Somfy RTS

Additional control up to 25 spotlights Somfy IO

Additional control up to 50 spotlights Somfy IO

Min. of 8 spotlights per construction,
min. 3 LED spotlights on a wind resistant beam.



LED lighting
– tubes 3x12,5 cm

LED tube in wind beam

Additional control up to 25 spotlights Somfy RTS

Additional control up to 25 spotlights Somfy IO

Controler white TELECO
up to 25 spotlights

Min. 4 LED tubes in the structure,
min. 2 LED tubes in wind beam.



LED lighting
– tubes 1x50 cm

LED tube in wind beam

Additional control up to 25 spotlights Somfy RTS

Additional control up to 25 spotlights Somfy IO

Controler white TELECO up to 25 spotlights

Min. 4 LED tubes in the structure.

Smartphone control

NEW

TAHOMA SOMFY

DAISY TELECO

Weather sensors

Wind EOLIS SENSOR RTS for radio engines (white)

Wind-Solar SOLIRIS SENSOR RTS for radio engines (white)

Wind TELECO

Rain TELECO

Temperature TELECO

Rain and temperature sensors to detect snow TELECO

Infrared heaters

power

Infrared heater GR1 – controlled by a switch with a LOW GLARE emitter that generates less light, water-tight class IP65, colour: white or black, usually controlled by a wall switch. For external use.

1,5 kW

Infrared heater GR2 IR – a infrared heater with a built-in infrared receiver, remote control and a LOW GLARE emitter that releases less light. Water-tight class IP65, colour white or black, controlled by an infrared remote control (in set). For external use.

1,5 kW

Additional infrared remote control

Radio receivers for infrared heaters GRI

Somfy RTS receiver

Enables operation of the GRI infrared heater with TELIS remote controls in the on/off range. No heat adjustment.

For the single infrared heater max. power 2 kW

Somfy RTS MODULIS Receiver

Gri infrared heater can be operated by TELIS MODULIS (recommended) and TELIS remote controls in the on/off range and smooth regulation of heat intensity from 0% to 100%.

For of 1 to 2 infrared heaters of total power 3 kW

SOMFY IO ON/OFF Receiver for 1 infrared heater 2kW

Enables operation of infrared heater Gri.
No heat adjustment.

For the single infrared heater max. power 2 kW

TELECO ON/OFF Receiver up to 1-2 pcs infrared heater 3kW

Enables operation of infrared heater Gri.
No heat adjustment.

For of 1 to 2 infrared heaters of total power 3 kW



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