Tarasola ®

Flat
## – product card

The Tarasola Flat has been created with modern architecture in mind and can be perfectly and stylishly integrated within it. The construction is made from extruded aluminium. Its retractable fabric roof visually distinguishes it through a light and simple form, which is also solid and durable at the same time. The Tarasola Flat can also come with additions such as lighting, infrared heaters and sliding glass, which allow you to use the pergola until late autumn.

Tarasola ®
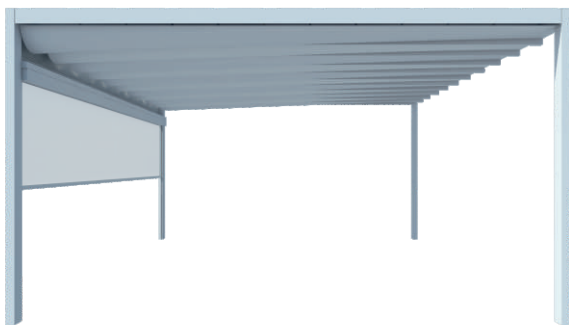
SPECIFICATION

- Construction made from corrosion resistant extruded aluminium.
- 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.
- Available in wall-mounted and free-standing version.
- Option of modular connection.
- Construction's wind resistance up to 120 km/h.
- Possibility of installing a fabric visor.
- Option of additional accessories:
  - lighting,
  - glazing,
  - roller blinds (screeners),
  - radiant heaters,
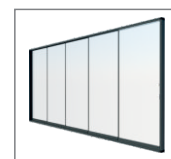 - wind, solar and rain sensors.
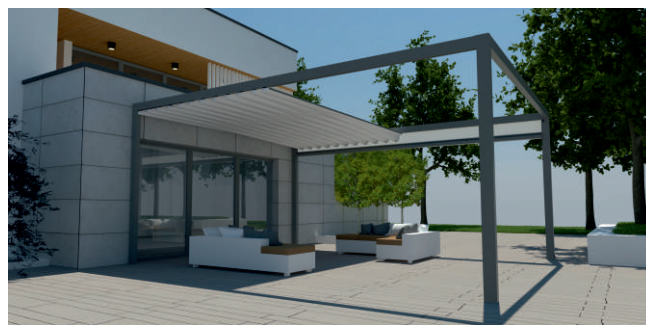
Infrared heaters

LED lighting – spotlights

LED lighting – LED strip lights, integrated with the gutter

Roller blinds (screeners)

Glazing

5 YEARS WARRANTY | 120 km/h | CE | RAL PALETTE | WOOD-GRAIN PAINTWORK

COLOURS

CONSTRUCTION

| 9010ST Colour cream-white similar to RAL9010 (in set) | 7016ST Colour anthracite-metallic similar to RAL 7016 (in set) | 9007 Colour Grey aluminium RAL9007 (in set) |

ADDITIONAL COLOURS

Any colour from the RAL palette (extra charge + 10%)

Wood-like varnish (extra charge + 20%)

WIND RESISTANT BEAMS

| 9016 Colour White (in set) | 1013 Colour Cream (in set) | 7016ST Colour anthracite-metallic similar to RAL 7016 (in set) |

ADDITIONAL COLOURS

Any colour from the RAL palette (extra charge + 5%)

FABRICS

TechProtect (in standard)

SOLTIS W 96 (extra charge)

Serge 600 SOLAR (extra charge)

STANDARD FABRIC COLOURS (TECHPROTECT)

- white/ white
- **NEW** grey/ light grey
- cream/ cream
- grey/ cream
- bordeaux/ cream
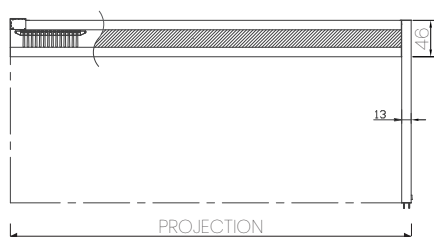- anthracite/ cream
- **NEW** taupe/ cream
- green/ cream

FABRIC VISOR - option of installing a protecting cover over the rolled up fabric

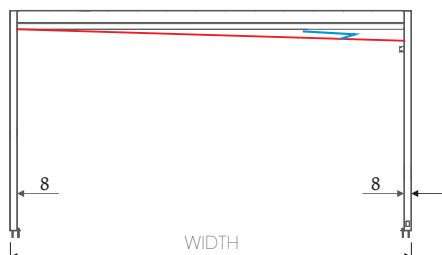**GUTTERING SYSTEM** - option to install a side gutter

COVER PANEL - Solid polycarbonate or aluminium panel painted in the same colour as construction

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 + A.1: 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
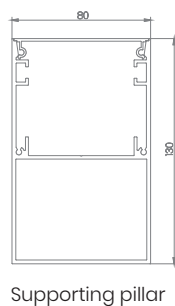
Flat - technical data

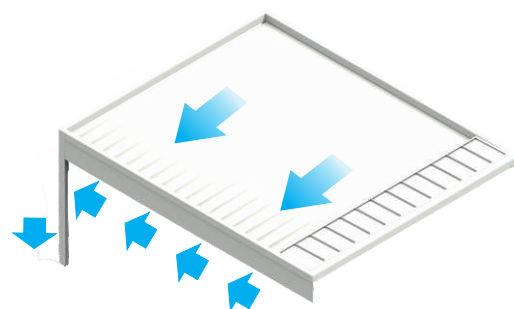## WALL-MOUNTED MODEL
PROJECTION (cm)

PROJECTION

WIDTH (cm)

WIDTH

CROSS-SECTION PROFILE

Supporting pillar

WATER DRAINAGE

FRONT VIEW
WATER DRAINAGE

Front

Bottom

FIXING PLATE EXTERNAL

BOTTOM   **FRONT**

D1   F1

D2   F2

D3   F3

UNPAINTED STAINLESS STEEL

S max - 450

S-16

POSITION OF EXTERNAL FIXING PLATES

TNS.020.0z   TNS.020.0z

S

GUTTER CROSS –SECTION

Water drainage

LAYOUT EXAMPLE

Flat - technical data

SIDE VIEW

INSTALLATION OF STARTING PROFILE

folded fabric

FIXING TO THE WALL
H + 2 CM

unfolded fabric

W max - 600

W max - 600

h Standard = 270
h max = 300

W - 13

W - 13
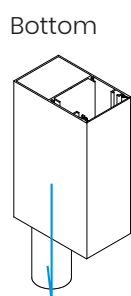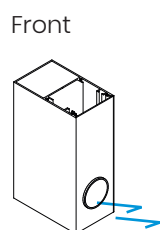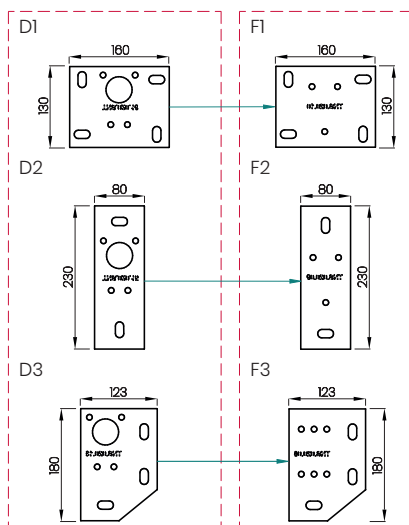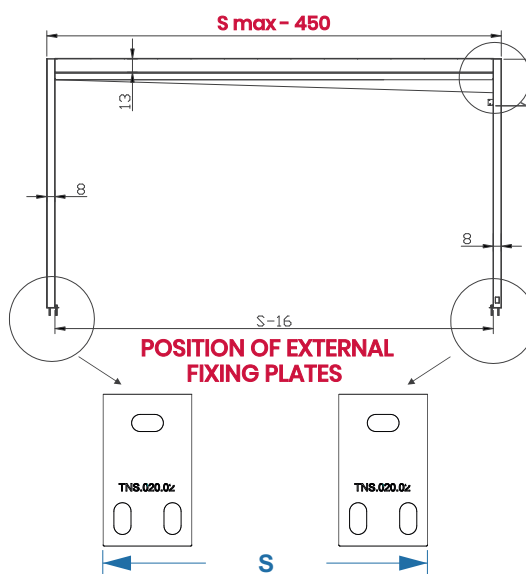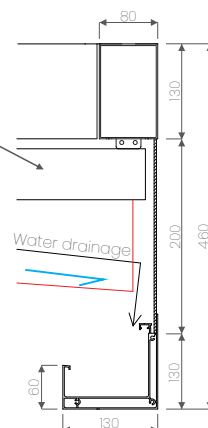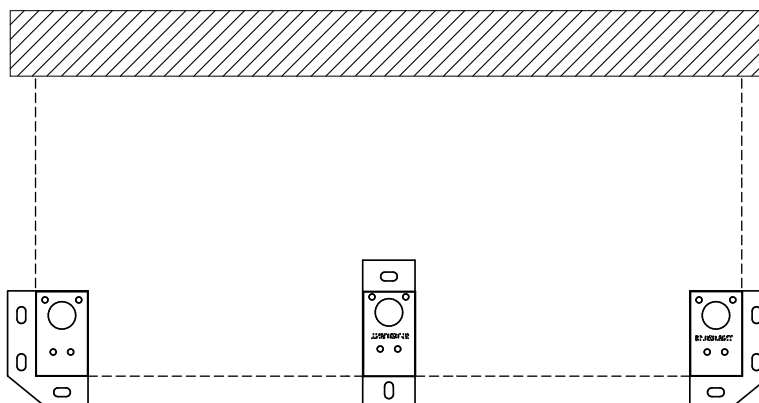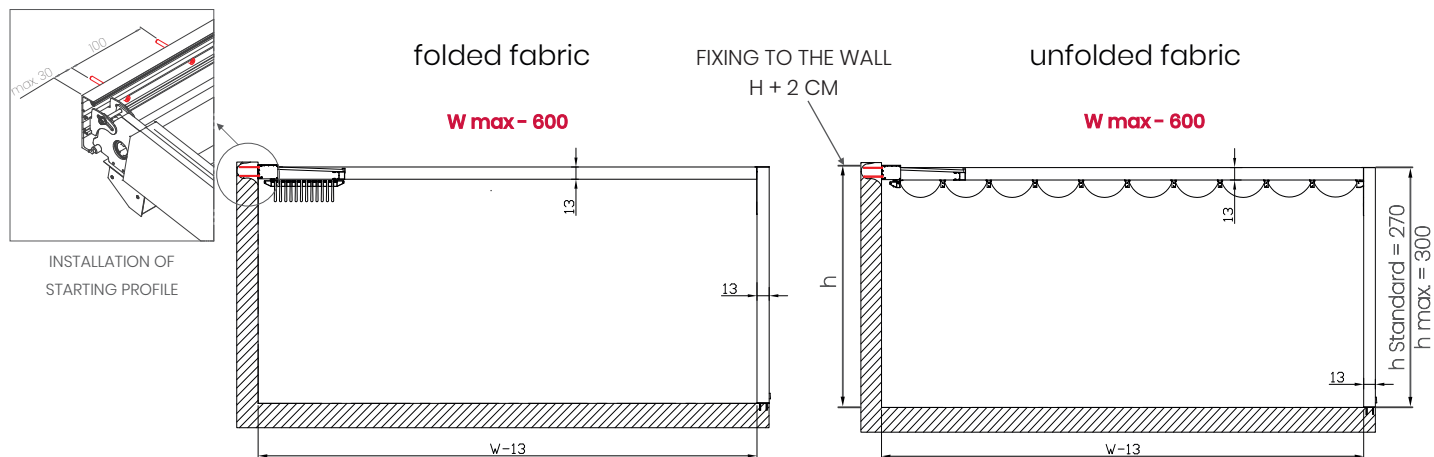
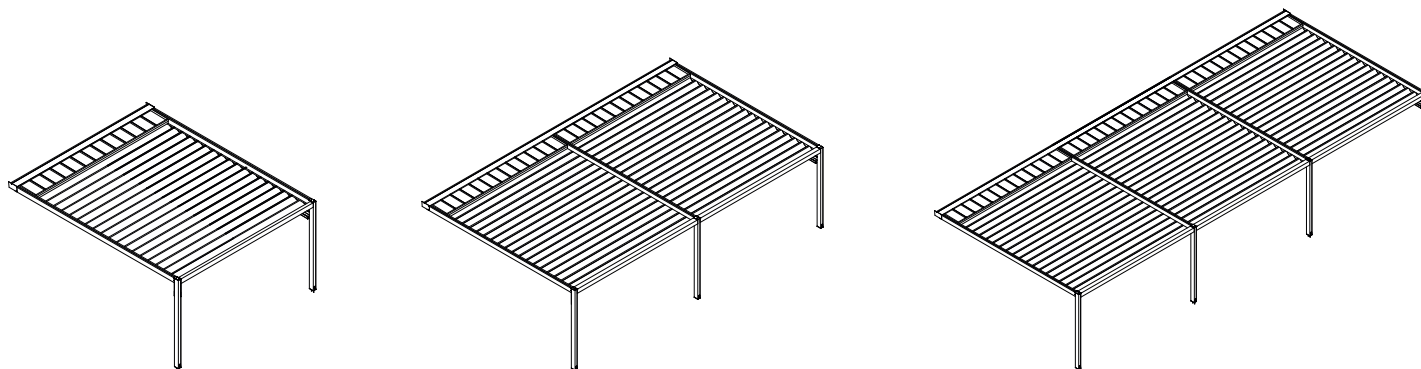## WALL-MOUNTED MODEL

1 module:
Width max - 450 cm
Max projection - 600 cm

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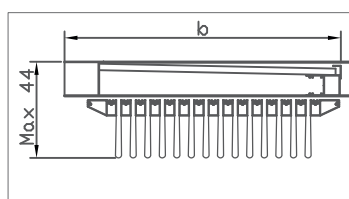Max projection - 600 cm

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

*Runner - always in the axis of the pillar

FABRIC BUNDLE

Calculation table for the bundle and fabric visor

Max 44

P [cm]	b[cm]	l [pc]
Projection of the construction	Projection of fabric visor	Number of wind resistant beams
200	49	5
250	55	6
300	61	7
350	67	8
400	73	9
450	79	10
500	85	11
550	91	12
600	97	13

Flat - technical data

FREE–STANDING MODEL
PROJECTION (cm)
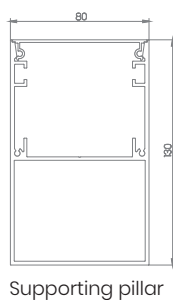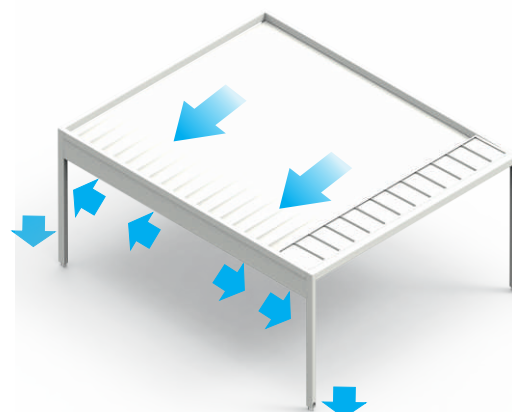
13   13

PROJECTION

46

WIDTH (cm)

8   8

WIDTH

CROSS-SECTION PROFILE

80

130

Supporting pillar

WATER DRAINAGE

FRONT VIEW

WATER DRAINAGE

Front

Bottom

FIXING PLATE EXTERNAL

BOTTOM   **FRONT**

D1   F1

160   160

130   130

D2   F2

80   80

230   230

D3   F3

123   123

180   180
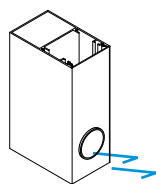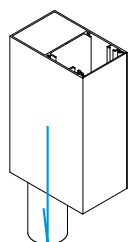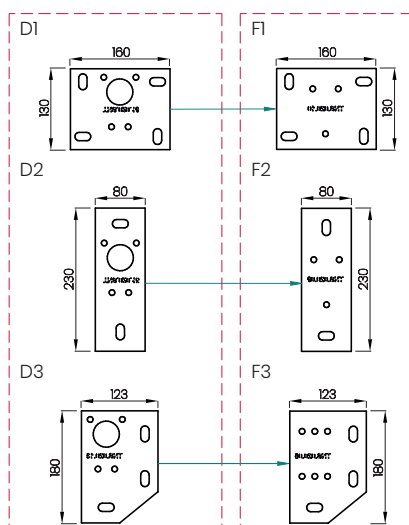
UNPAINTED STAINLESS STEEL
STANDARD IN FREE–STANDING
CONSTRUCTION

S max – 450

13

8

8

S–16

GUTTER CROSS –SECTION

80

130

46

200   460

Water drainage

60   130

130

LAYOUT EXAMPLE

Flat - technical data

SIDE VIEW

folded fabric

W max = 600

13

13

13

h Standard = 270
h max = 300

W−26

unfolded fabric

ALUMINIUM OR POLYCARBONATE
PANEL COVER

W max - 600

13

13

46

13

13

W−26
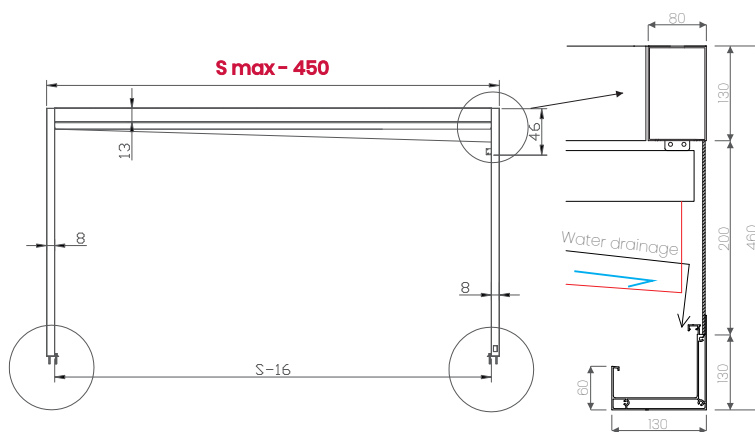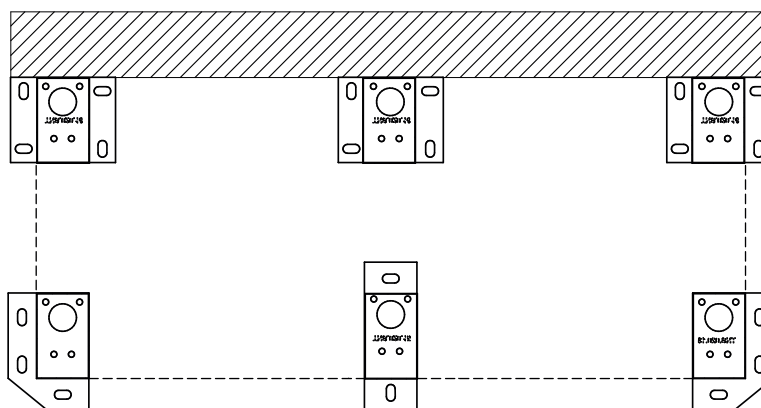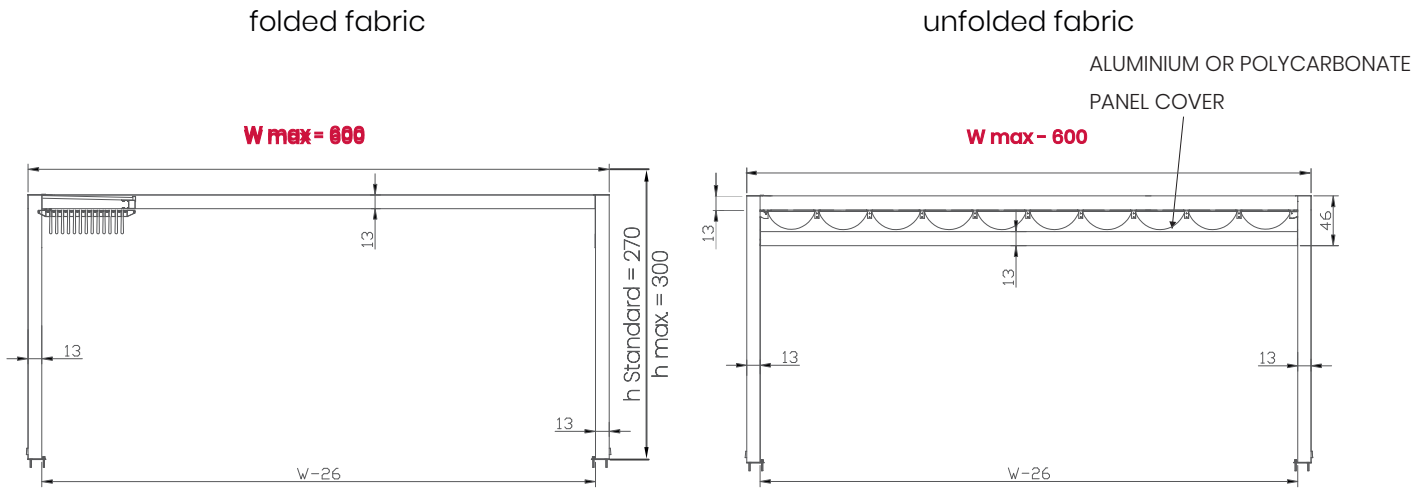
FREE-STANDING MODEL

1 module:
Width max - 450 cm
Max projection - 600 cm

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

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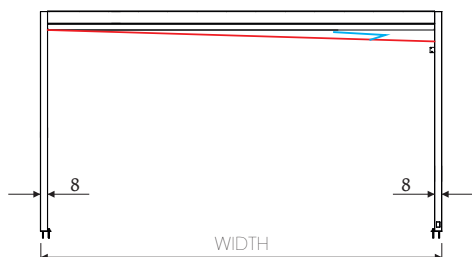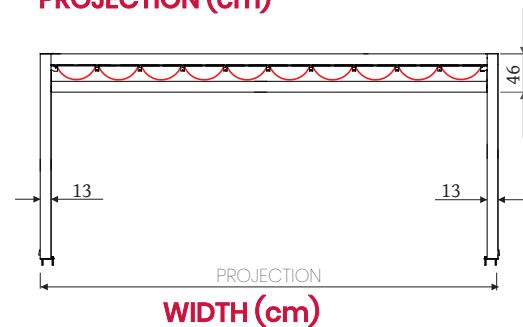Max projection - 600 cm

*Rail - always in the axis of the pillar

FABRIC BUNDLE

Calculation table for the bundle and fabric visor

b

P [cm] Projection of the construction	b[cm] Projection of fabric visor	I [pc] Number of wind resistant beams
200	49	5
250	55	6
300	61	7
350	67	8
400	73	9
450	79	10
500	85	11
550	91	12
600	97	13

Flat - additional accessories

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 I0	

Remote controls somfy RTS	
SITUO 1 RTS remote control, single-channel	
SITUO 5 RTS remote control, five-channel	
TELIS 1 SOLIRIS RTS remote control, single-channel with solar sensor support	
TELIS 4 SOLIRIS RTS remote control, five-channel with solar sensor support	
TELIS 16 RTS remote control, sixteen-channel	

Remote controls somfy IO	
SITUO 1 IO remote control, single-channel	
SITUO 5 IO remote control, five-channel	
NINA IO remote control	
NINA TIMER IO remote control	

Controls TELECO	
Radio control unit for 1 motor	
Radio control unit for 1 motors, integrated with LED receiver (max. 75 pc LED spotlights)	
Power suply 150 W	
42 channel remote control, black/white	

Flat - additional accessories

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 - LED strip
lights, integrated with
the gutter

LED strip 8W - White
LED strip RGB 8W
Controler white/RGB TELECO up to 28 m (max. 4 pc LED strip)
Power supply up to 18 m
Power supply from 18–36 m

Audio System TELECO

Audio controlled via Blutooth
Speaker 25 W The speakers are built into the frame, diameter 10 cm. Works with the Audio Bluetooth control system.

Smartphone control

NEW

TAHOMA SOMFY
CONEXON IO
CONEXON RTS
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
Infrared heater Gr1 + receiver Somfy RTS 2 kW	
Infrared heater Gr1 + receiver Somfy IO 2 kW	
Additional infrared remote control	

Radio receivers for infrared heaters GR1

Somfy RTS receiver
Enables to operation of the infrared heater by remote control in range
of on/off. Works with TELIS remote control.

For the single infrared
heater max. power 2 kW

Flat - additional accessories

Somfy RTS MODULIS Receiver
Enables to operation of the infrared heater by remote control in range of on/off and regulate the intensity of heat in range from 0% to 100%. Works with remote control TELIS MODULIS (recommended) and TELIS remote control.

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

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

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

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

For the single infrared heater max. power 2 kW

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