



# saxun<sup>®</sup>

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FULVIA TENSIONED  
FABRIC PERGOLA

**ENG**

saxun®



## FULVIA TENSIONED FABRIC PERGOLA

### TRANQUILITY UNDER SUN AND RAIN

The Fulvia tensioned fabric pergola from Saxun is a solar protection system specially designed to provide protection from the sun and rain throughout the year.

Its modular and dynamic design, using straight lines, allows it to be adapted to any type of garden or terrace, both increasing the potential of these spaces and providing them with elegance and comfort.



## HIGH-PERFORMANCE PROTECTION

Fulvia is a self-supporting structure, made from **6063 T5** aluminium alloy and with a surface finish as per the **QUALICOAT** or **QUALANOD** specifications.

It incorporates an **extendable and waterproof tensioned fabric**, controlled automatically through the use of a remote control. When tensioned **it allows water to be drained via its columns**.



### PROTECTION FROM SUN AND RAIN

Regulation of solar radiation **thanks to the properties of the fabric and its automated functioning**.

The system utilises **sealed joints** between the fabric and the profiles, forming a **waterproof system** that can be used even on the rainiest days.



### MODULARITY

**Up to 3 units** can be joined together to adapt to the needs of any type of installation.



### MAXIMUM DIMENSIONS

1 Unit **5,000x6,500x3,000 mm** (wide x long x high).  
2 Units **9,000x6,500x3,000 mm** (wide x long x high).  
3 Units **13,000x6,500x3,000 mm** (wide x long x high).



### WIND RESISTANCE

**Class 3** (EN 13561:2004+A1:2008).



### MAJOR BENEFITS FOR THE INSTALLER

It is easy to assemble and allows for fast inspection and maintenance. **Fulvia leaves our facilities entirely ready-made**, making installation faster and easier.



### REQUIRED INCLINATION

It **needs to be installed at a fixed inclination of 15%** to allow for **evacuation of continual torrential rain at approximately (108 l/m<sup>2</sup>)/h**, as per the EN 12056-3:2000 standard.



### PERFECT LIGHTING

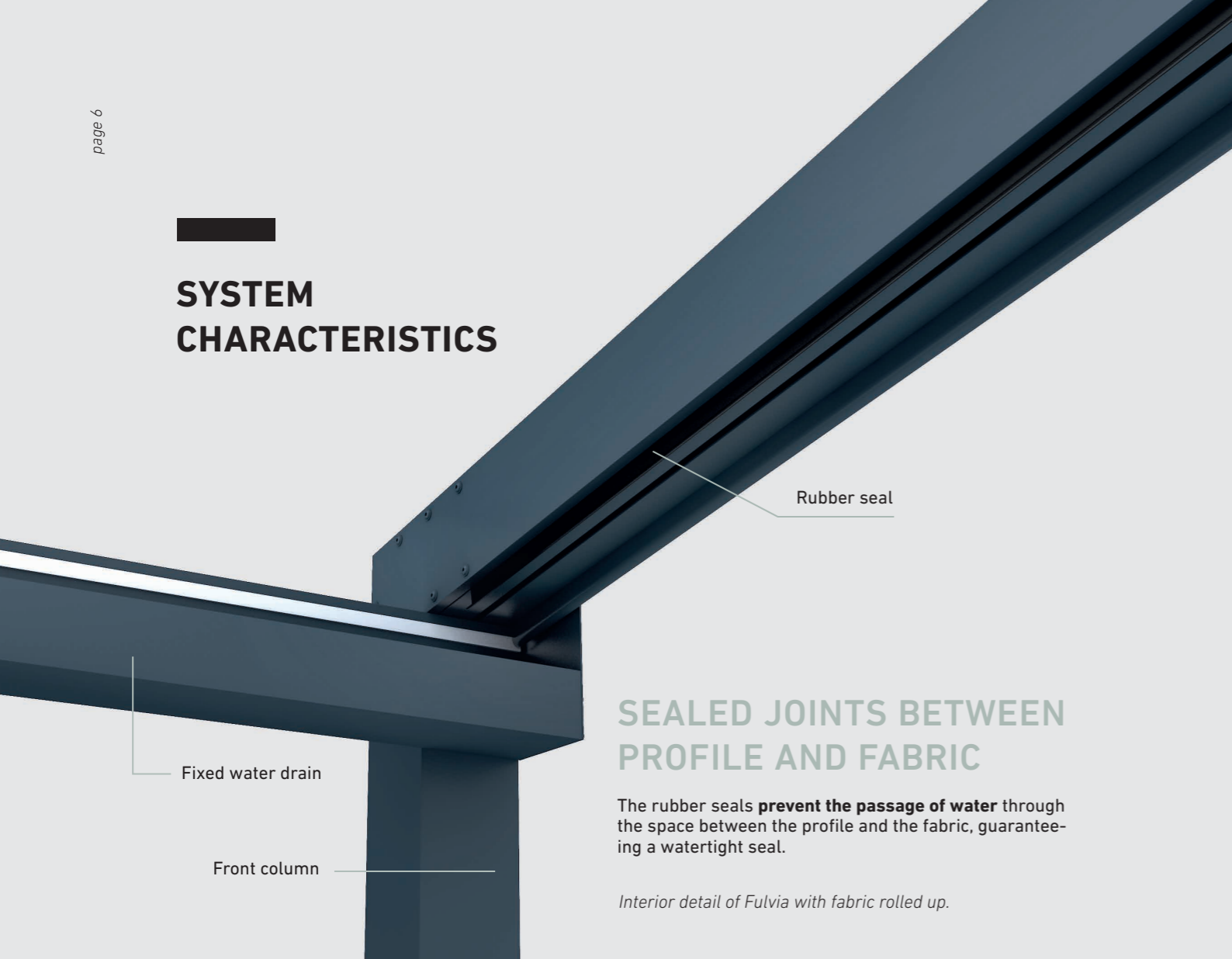
The new protection system allows for the installation of **LED lighting that is distributed through the fabrics profile** and that highlights its attractive appearance.



### THE BEST MATERIALS GUARANTEED

Components made from **aluminium** and **304 stainless steel** **guarantee resistance to outdoor elements and corrosion**.

## SYSTEM CHARACTERISTICS



Rubber seal

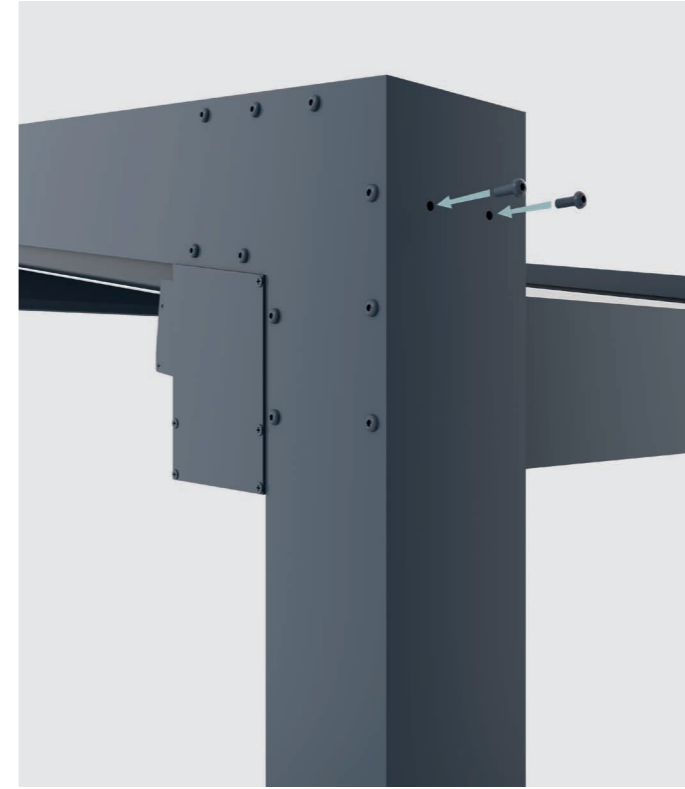
Fixed water drain

Front column

### SEALED JOINTS BETWEEN PROFILE AND FABRIC

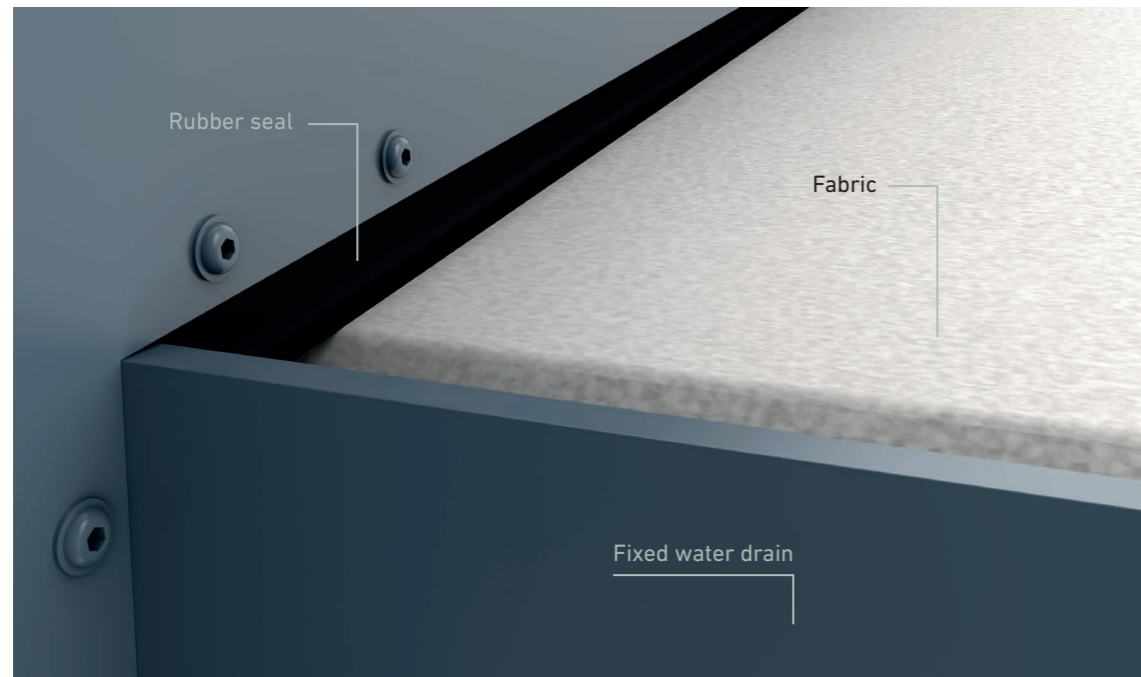
The rubber seals **prevent the passage of water** through the space between the profile and the fabric, guaranteeing a watertight seal.

*Interior detail of Fulvia with fabric rolled up.*



### REGULATION SYSTEM FOR TRANSMISSION STRAP TENSION

This system allows you to regulate the tension of the transmission strap in just a few seconds, in a simple and intuitive way.



Rubber seal

Fabric

Fixed water drain

### INSTALLATION OF LED LINES

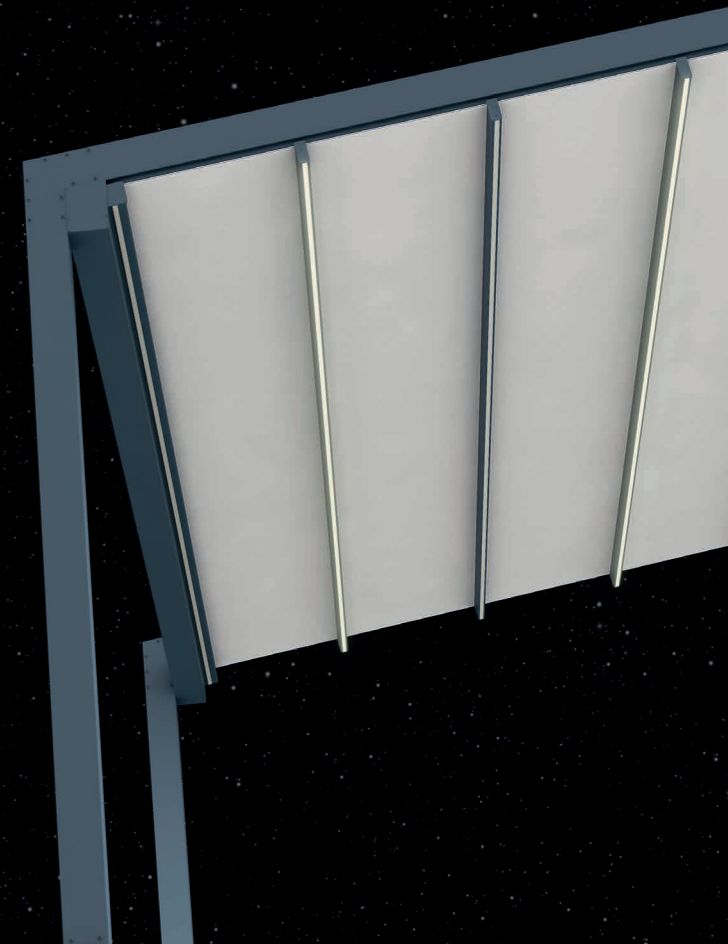
Longitudinal LED lighting can be installed either on **the movable cross bars, the water drain or the fixed cross bars** (optional), allowing for configuration of the lighting:

- Pergola rolled up
- Pergola extended

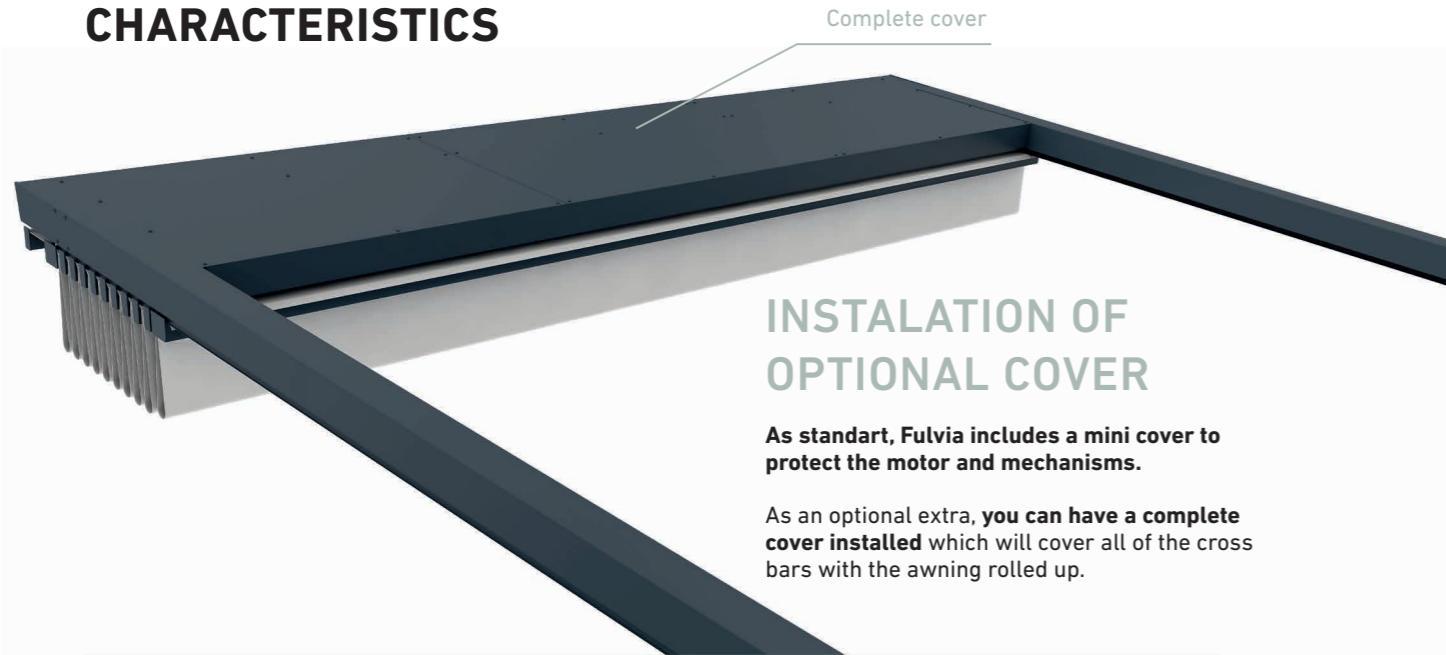
With simple movable cross bars you can install **white LED lighting with neutral or warm tones.**

On the water drain and fixed cross bars you can install white or RGB coloured LED lighting.

**The wiring will be hidden within the structure.**



## SYSTEM CHARACTERISTICS



## TWO-IN-ONE WALL AND CEILING SUPPORT



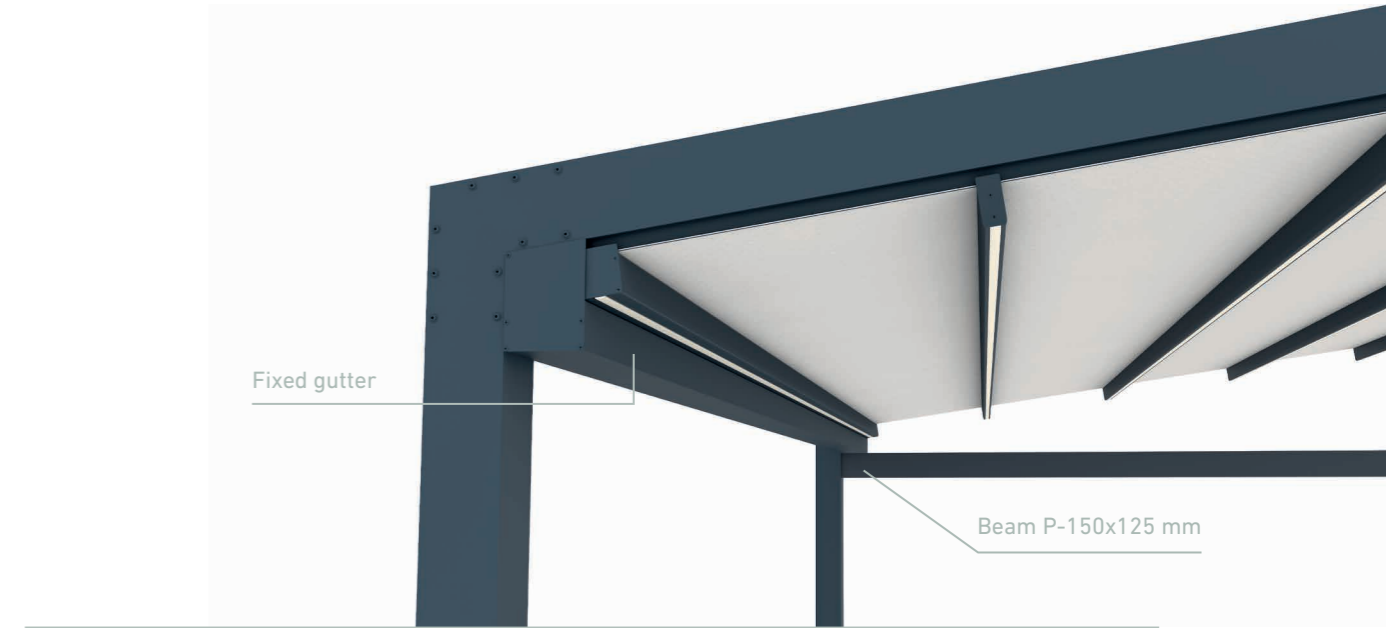
We have merged the supports to **simplify the installation and improve the appearance**. From the side view only the beam and the column are visible, due to the cover is located within the profile.

Adjustable wall/ ceiling support



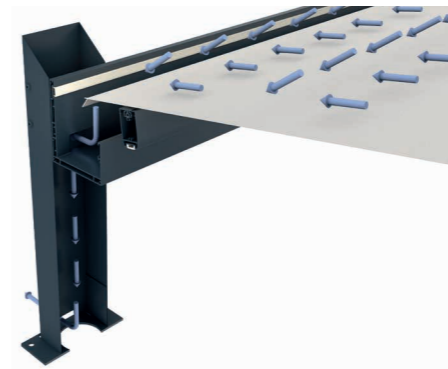
## INSTALLATION OF FIXED WATER DRAIN

It is possible to install the lateral cross bar with the P-150x125 mm beam, for a **glass curtain, Wind Screen or vertical awnings**.



## OPTION OF FREE-FLOW DRAINAGE OR DRAINAGE THROUGH A CONCRETE SLAB OUTLET

**FREEFLOW DRAINAGE**  
With free-flow drainage **the water will drain through the front columns through a purpose-made opening**.



Fulvia with free-flow drainage.

**CONCRETE SLAB**  
A canal leading to a concrete slab outlet **allows the rain water to be drained then removed later**.

While constructing the concrete slab outlet, prior to installing the pergola, you will need to take into account pre-installation of the drainage tubes (Ø 75 mm).



Fulvia with concrete slab outlet.

# MAXIMUM DIMENSIONS

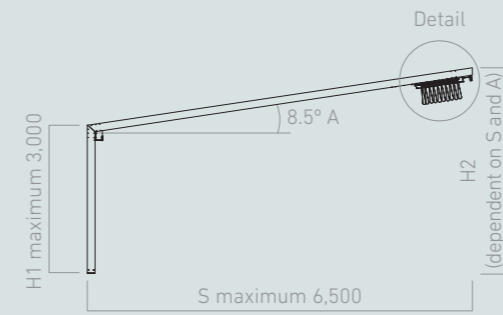
## FULVIA 1 UNIT



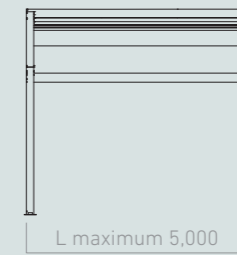
Maximum length (S)	6,500 mm (from the wall to the external face of the column)
Maximum width (L)	5,000 mm
Maximum height of the front column (H1)	3,000 mm
Cover inclination (from a horizontal angle)	15%

## SECTIONAL VIEWS OF FULVIA 1 UNIT

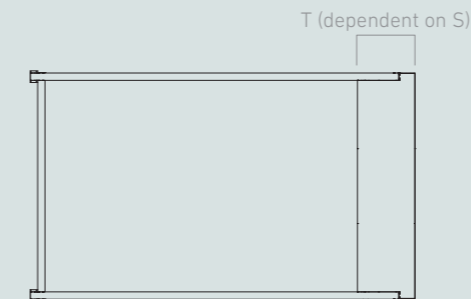
LATERAL VIEW



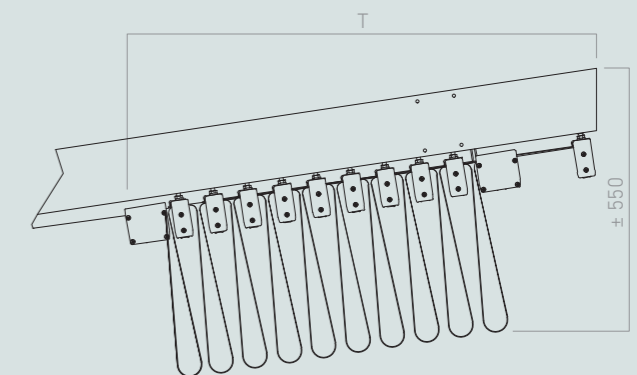
ELEVATED VIEW



TOP VIEW



DETAIL



# MAXIMUM DIMENSIONS

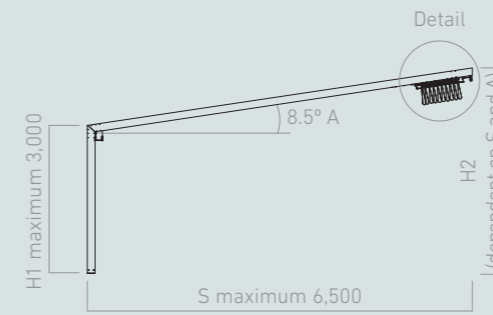
## FULVIA 2 UNITS



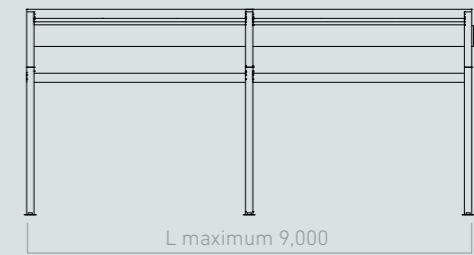
Maximum length (S)	6,500 mm (from the wall to the external face of the column)
Maximum width (L)	9,000 mm
Maximum height of the front column (H1)	3,000 mm
Cover inclination (from a horizontal angle)	15%

# SECTIONAL VIEWS OF FULVIA 2 UNITS

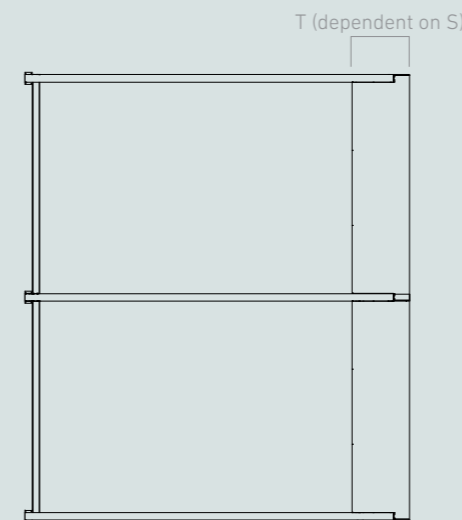
LATERAL VIEW



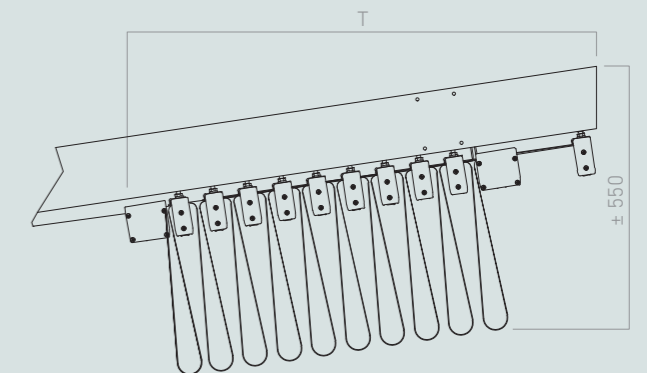
ELEVATED VIEW



TOP VIEW

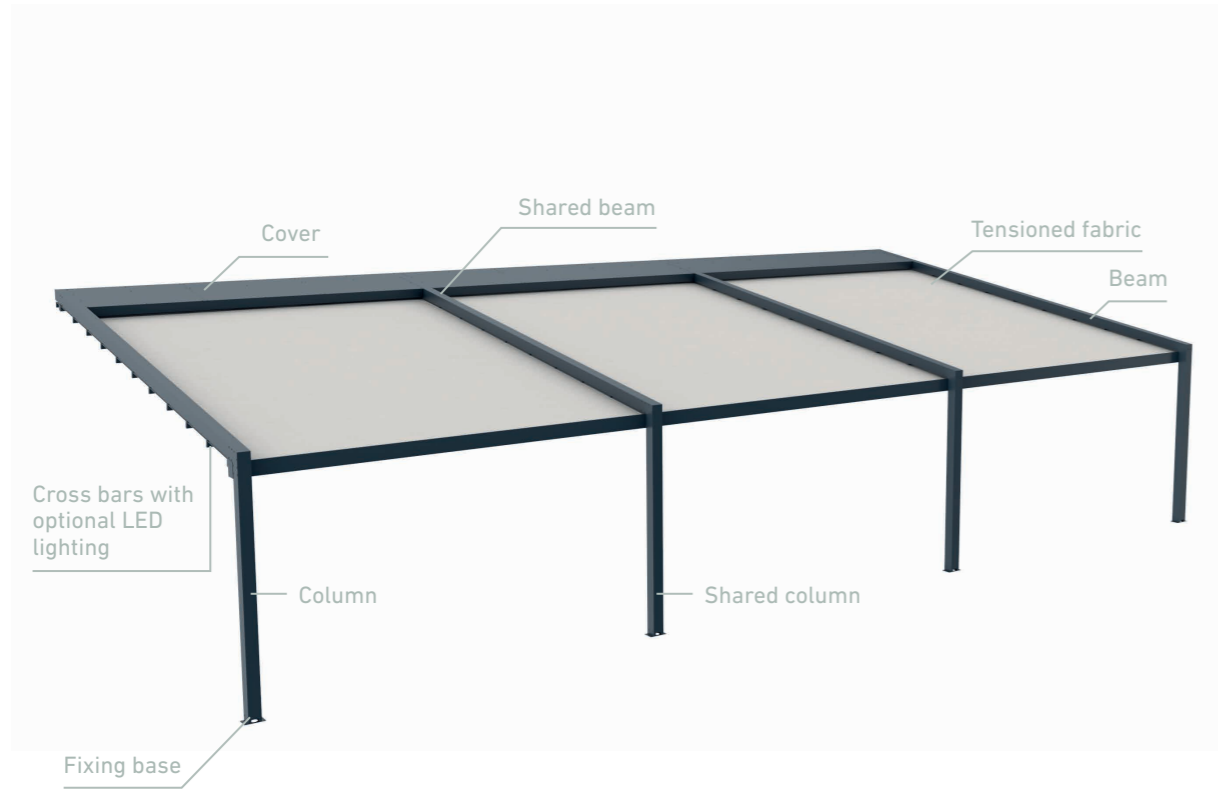


DETAIL



# MAXIMUM DIMENSIONS

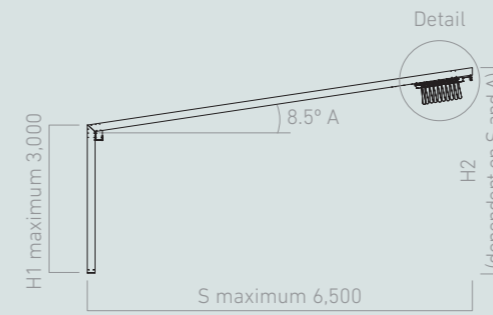
## FULVIA 3 UNITS



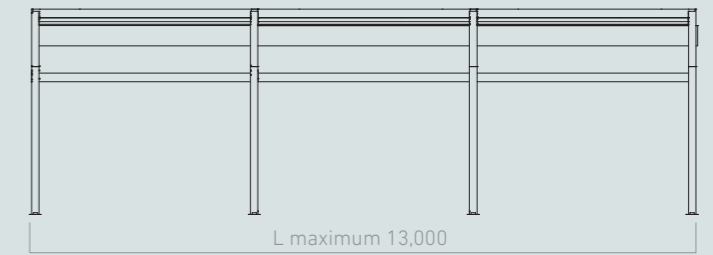
Maximum length (S)	6,500 mm (from the wall to the external face of the column)
Maximum width (L)	13,000 mm
Maximum height of the front column (H1)	3,000 mm
Cover inclination (from a horizontal angle)	15%

# SECTIONAL VIEWS OF FULVIA 3 UNITS

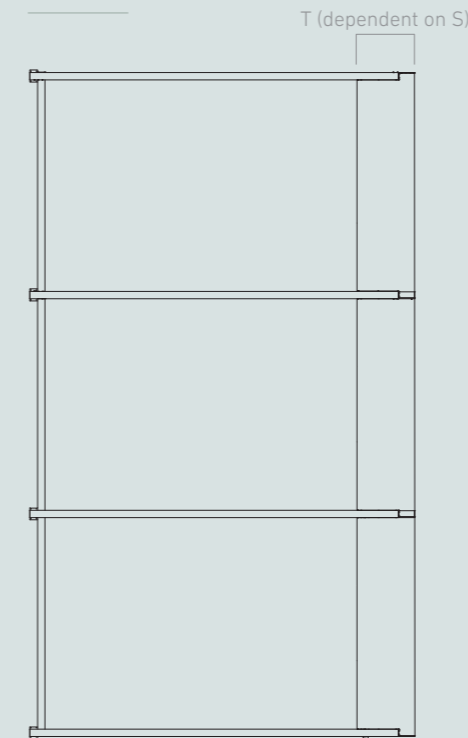
LATERAL VIEW



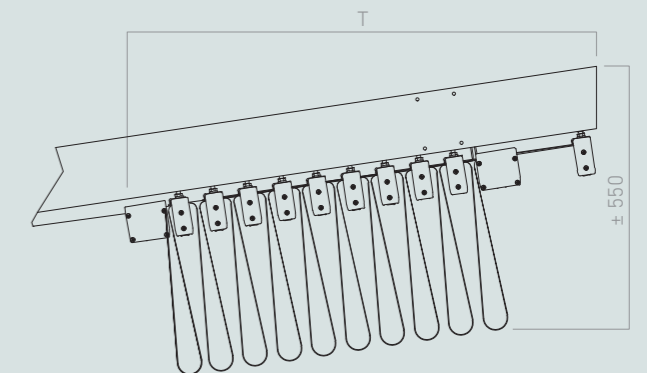
ELEVATED VIEW



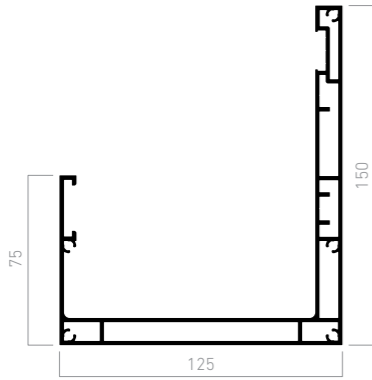
TOP VIEW



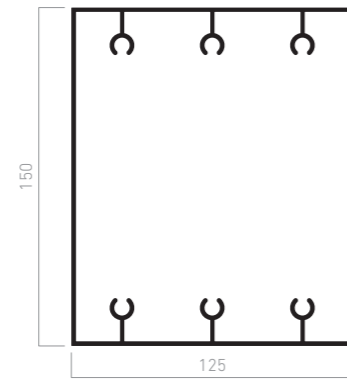
DETAIL



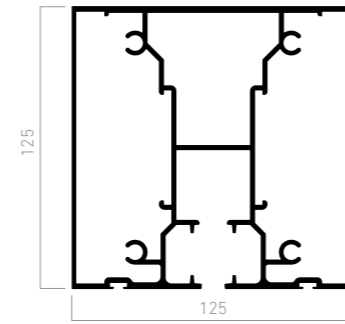
## PROFILES



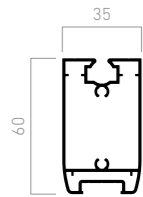
Fixed collector water drain  
050273



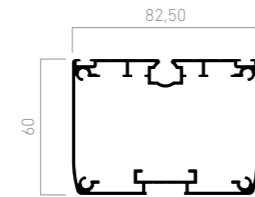
Beam P-150x125 mm  
024245



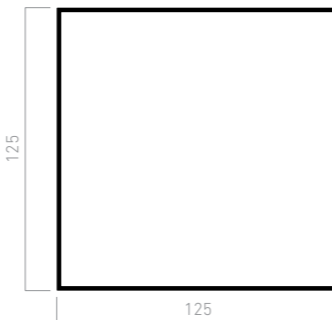
Guide beam 125x125 mm  
050274



Simple fabric cross bar  
050275



Terminal fabric cross bar  
050276



Column P-125x125 mm  
050205

## WIND RESISTANCE

The results obtained in the Giménez Ganga laboratory achieved **class 3, according to the EN 13561:2004+A1:2008 standard.**

CLASSES	V-0	V-1	V-2	V-3
Nominal pressure of trial (Pa) or (N/m <sup>2</sup> )	<40	40	70	<b>110</b>
Security pressure 1.5p (Pa) or (N/m <sup>2</sup> )	<48	48	84	<b>132</b>
Security pressure velocity 1.5p (Km/h)	<31	≈ 31	≈ 42	<b>≈ 53</b>

*\*ATTENTION  
Resistance to snow load is not guaranteed.*

## AUTOMATIC MECHANISMS

- io technology from Somfy.

For the installation of Fulvia **the inclusion of wind sensors is essential**, with sun sensors being optional.



### AUTOMATIC MECHANISMS



Eolis Wirefree  
Wind Sensor



Sunis II  
Sun Sensor

### TRANSMITTERS



Situto Transmitter  
1 io



Situto Transmitter  
5 io

## FABRICS

Each of the fabrics that can be used on the tensioned fabrics pergola **provides the necessary protection** to guarantee that neither the passage of time nor atmospheric conditions will affect its stability or ability to provide protection.

At an aesthetic level, the ease with which its colours are combined will help it to **integrate perfectly with any facade or architectural style.**

Numerous manufacture sizes, all of them providing optimal performance, provide **ideal shade protection** for any space.

### TECHNICAL CHARACTERISTICS

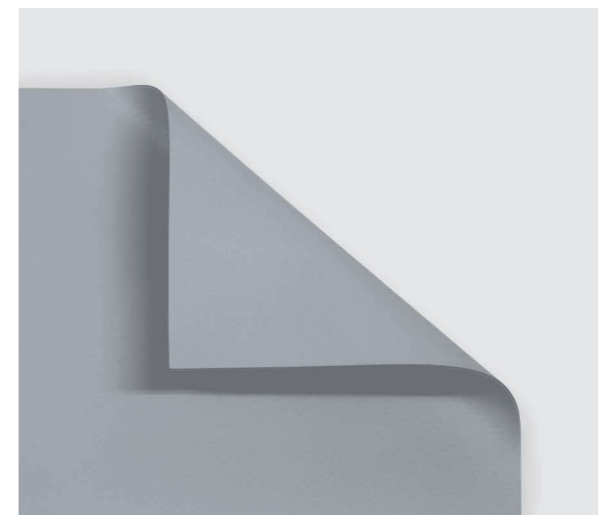
	PRÉCONTRAIT 622	STANDARDS
<b>Thread</b>	1,100 dtex PES HT	TERSUISSE
<b>Weight</b>	750 g/m <sup>2</sup>	EN ISO 2286-2
<b>Length</b>	250 l 267 cm	-
<b>Standard size of part/reel</b>	± 60 ml/± 300 ml	-
<b>Tensile strength (chain/fabric)</b>	230/220 daN/5 cm	EN ISO 1421
<b>Tensile strength (chain/fabric)</b>	20/20 daN	DIN 53.363
<b>Extension under load (chain/fabric)</b>	< 1% / > 1%	NF EN 15619
<b>Adhesion</b>	9/9 daN/5 cm	EN ISO 2411
<b>Finish</b>	Finish 2 faces PVDF	-
<b>Reaction to fire</b>	<b>M2/NFP 92-507   B1/DIN 4102-1 M2/UNE 23.727-90   BS 7837   1530.2 &amp; 3/AS NZS</b>	
<b>Adhesion at cold temperatures</b>	- 30°C	ISO 4675
<b>Adhesion at hot temperatures</b>	+ 70°C	ISO 4675
<b>Quality management system</b>	-	ISO 9001



PRÉCONTRAIT 622  
WHITE 50537



PRÉCONTRAIT 622  
BEIGE 50539



PRÉCONTRAIT 622  
GREY 50542

## AN ALLY TO THE HOSPITALITY INDUSTRY

Its modulation and the ample personalisation opportunities offered by its wide range of finishes allow many architectural demands to be satisfied.

## ACCESSORIES FOR A MORE PERSONAL ADAPTATION

It allows you to integrate other enclosures, such as **vertical awnings**, the new **Wind Screen systems** from **Saxun Dante and Grazia**, etc.

A means of boosting certain attributes, such as privacy or protection from the sun or the cold.





## COMMITMENT AND INNOVATION IN ITS DNA



Saxun Giménez Ganga's brand for satisfying the most ambitious needs in terms of curtains and solar protection.

We create avant-garde systems developed with the most advanced materials at a technical level, with a single objective: to make our customers work easier.



**saxun**<sup>®</sup>

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