TCO SHADING



SUSPENDED PERGOLA AWNING

TCO STOA HANGING

No front posts, with folding fabric

Wind Class 4 | **up to 13.00 × 5.00 m** | **Somfy iO wireless motor**

General characteristics

TCO Stoa Hanging is the **suspended** version of the Stoa 100 and Stoa 150, for spaces where front posts cannot be installed. It hangs from a wall or canopy on discreet **heavy-duty struts**, leaving the front completely open. When retracted, the view to the horizon and sky is unobstructed. It covers up to **13.00 × 5.00 m**.



Hung from the wall on struts, with no post at the front.

Sun & rain protection
PVC blockout fabric, 100% waterproof, by Sattler, Sioen, Dickson, Serge Ferrari.

Wind Class 4
Certified wind resistance.

Opens >80% of the roof
The slim 3 cm beams gather at the back.

No front posts
Suspended on single or double struts from a wall or canopy.

Motorised
Silent Somfy iO wireless motor, also controlled from a smartphone.

LED lighting
Spots on the beams, on/off or dimmable.

RAL colours at no extra cost

RAL 9016	RAL 1013	RAL 1019	RAL 7040	RAL 7016	RAL 8017	RAL 9005
White	Ecru	Beige	Grey	Anthracite	Brown	Black

Available in any RAL colour. Standard high-resistance Ammos-Structura coating, with an optional **Marine**-grade finish for coastal areas.

Operation & lighting

Electrical operation

The system runs silently on a **Somfy iO wireless tubular motor**, controlled by remote, smartphone or computer. The motor has an automatic thermal stop for its protection.

Lighting

Two lighting options with **LED spots on the intermediate beams**.

- STA spots, on/off
- LUX spots, dimmable, also in RGB
- Warm 3000K · Daylight 4000K · Cool 6000K

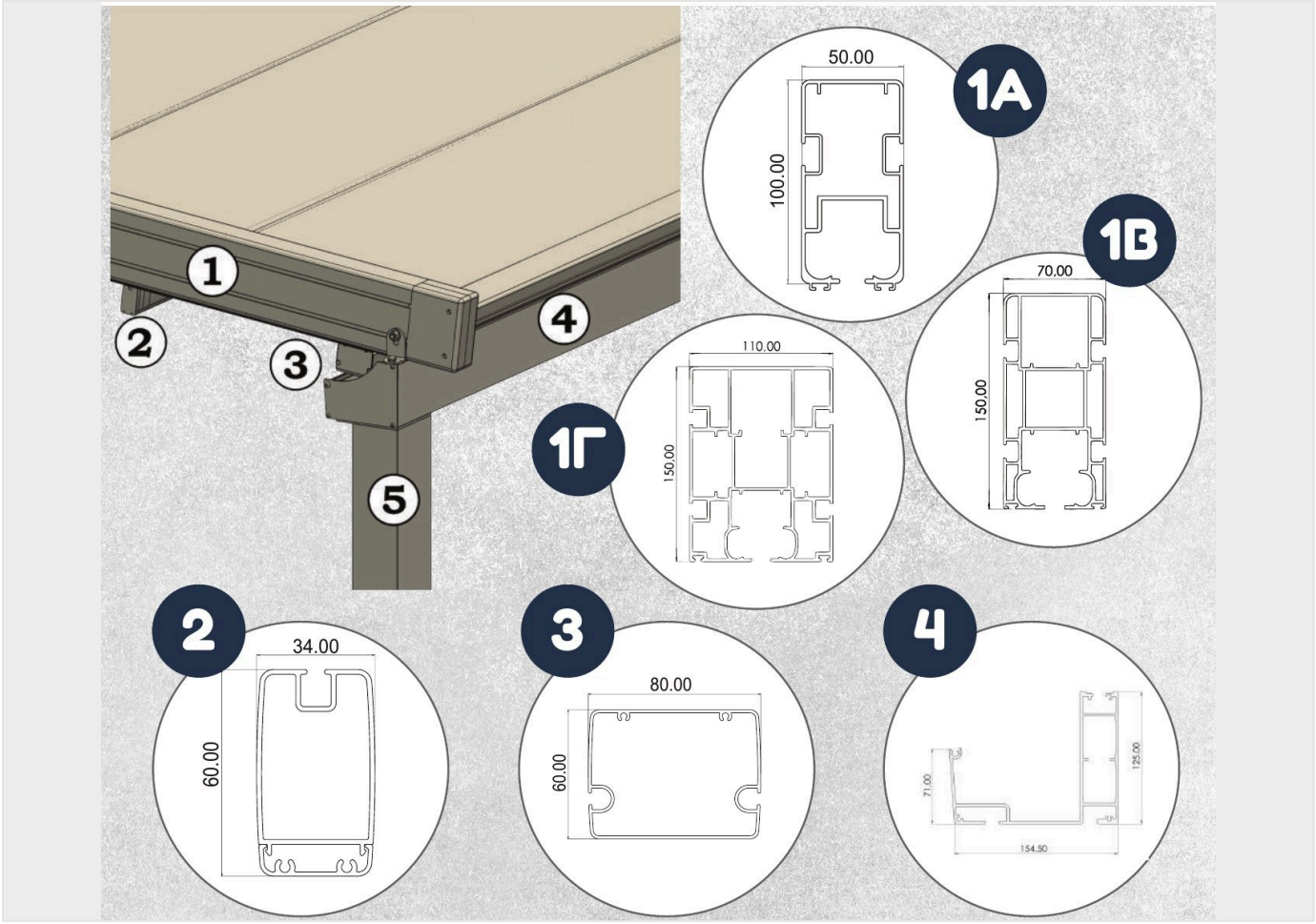


LED spots lit on the beams.

Technical specifications

Type	Suspended folding pergola awning
Cover	PVC blockout fabric (Sattler, Sioen, Dickson, Serge Ferrari)
Width	**1.00 – 13.00 m**
Projection	**1.50 – 5.00 m**
Guide	Stoa 100 (50 × 100) or Stoa 150 (70 × 150 mm) · single piece, no joints
Beams	3 cm wide · intermediate 34 × 60 · front 80 × 60 mm
Slope	10 – 15 %
Suspension	Single or double heavy-duty strut, on wall or canopy
Wind resistance	Wind Class 4
Material / finish	Aluminium · powder coated, any RAL · Marine optional
Motor	Somfy iO wireless tubular motor, thermal stop
Lighting	STA spots on/off or LUX dimmable · 3000K / 4000K / 6000K
Posts	No front posts
Service	Every 2 years
Certifications	ISO 9001 · ISO 14001 · ISO 45001

Technical drawings



1A **Stoa 100 guide · 50 × 100**

1B **Stoa 150 guide · 70 × 150**

1C Stoa Mega guide · 110 × 150

2 Intermediate beam 34 × 60

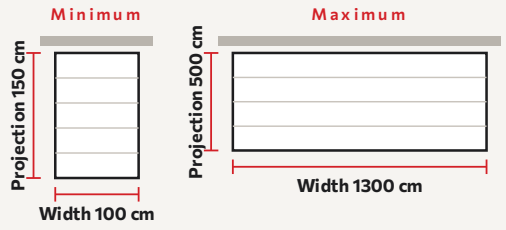
3 Front beam 80 × 60

4 Parapet-gutter 154.5 × 125

5 Post (not used on the hanging model)

Dimensions in mm

Dimensions



Suspension

No front posts

The structure hangs on discreet metal tubes anchored to a wall or canopy.

Single or double strut

Heavy-duty struts. For larger sizes the Stoa 150 is used.

Front crossbar

A spacer between the guides that keeps the structure stable.

Ideal for **balconies, pools** and hospitality areas, where posts would block the view or the way.

Applications



Stone house: suspended on the upper floor, no posts



Fabric retracted, open sky



Over a pool, no posts



Balcony with sea view

5 YEARS

5-year warranty

On all our products. A service every 2 years is required for proper operation.

Delivery to Switzerland, Belgium and the Netherlands. Installation is a separate service, by arrangement.

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