TCO
SHADING



RETRACTABLE FLAT BIOCLIMATIC PERGOLA

TCO OURANOS

Aluminium louvres that retract fully, for an open sky

Fully retractable | **up to 3.90 × 6.72 m** | **Somfy iO motor**

General characteristics

TCO Ouranos is an aluminium bioclimatic pergola with **zero inclination** that gives you both: **full shade or a completely open sky**. Its 27 cm louvres run on 2 guides with cross fittings and **gather fully to one side**, opening as much as you like in between. Rainwater runs from the perimeter gutters into the posts. Freestanding or wall-mounted.



Closed louvres: full shade and protection from the rain.

Fully retractable
The louvres gather to one side for an unobstructed view of the sky.

Rain-tight
Up to 8 mm/h, draining through the posts.

Insulated louvres
Thermal and acoustic insulation.

15 × 15 cm posts
Hidden internal reinforcement and concealed screws.

Motorised
Somfy iO motor 85 or 120 Nm, also controlled from a smartphone.

LED lighting
Perimeter LED strip, on/off or dimmable, also RGB.

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 on a **Somfy iO tubular motor, 85 Nm or 120 Nm**, housed within an aluminium toothed shaft. Controlled by remote, smartphone or computer.

Lighting

LED strip on the underside of the system, around the perimeter, for comfortable, ample lighting.

- Warm 3000K · Daylight 4000K · Cool 6000K
- On/off or dimmable
- RGB available

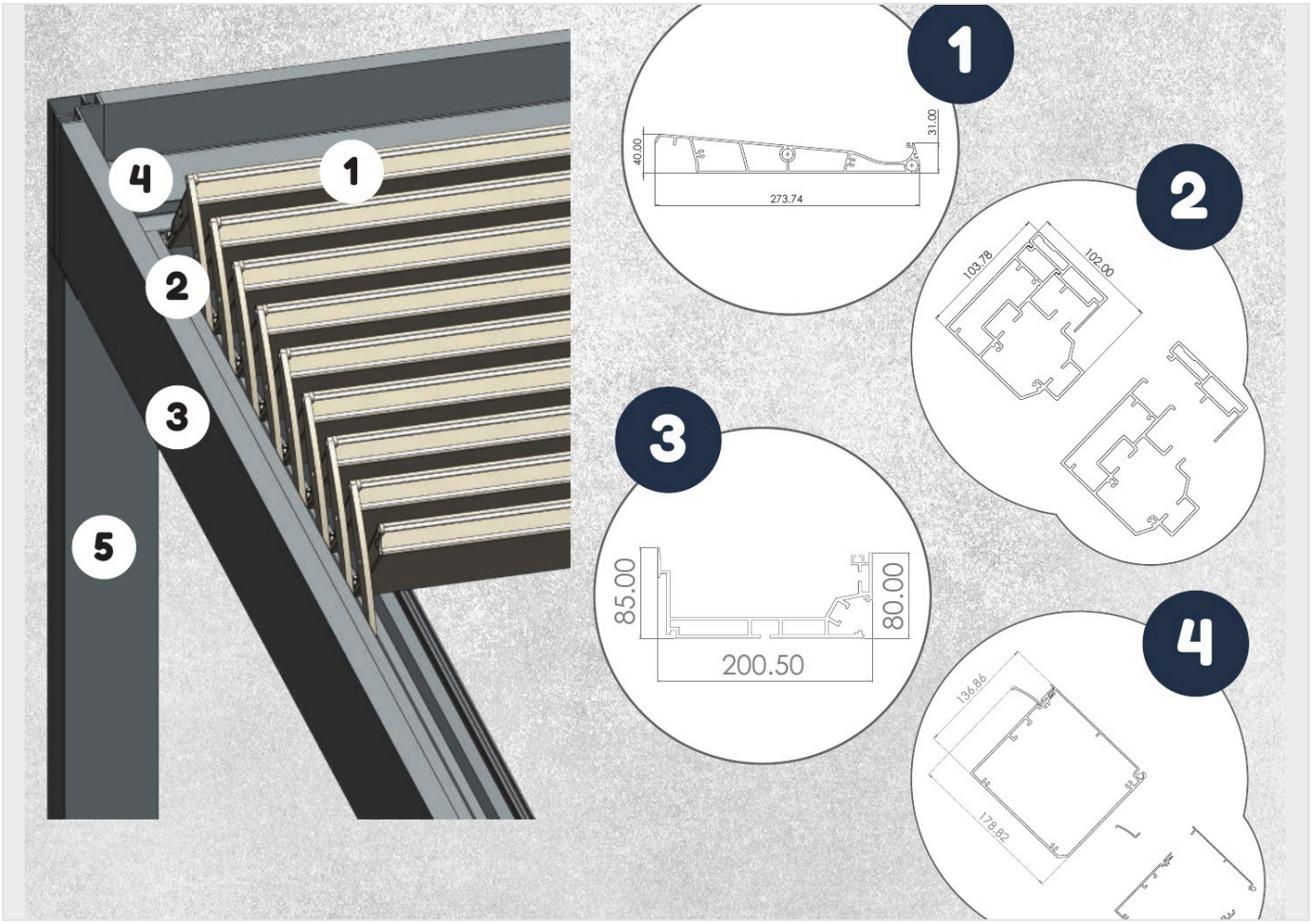


Perimeter LED strip, with the louvres half open.

Technical specifications

Type	Retractable flat bioclimatic pergola, zero inclination
Louvres	Aluminium 27 cm, thermally and acoustically insulated, gather to one side
Width	**2.00 – 3.90 m**
Projection	**1.55 – 6.72 m**
Movement	On 2 guides with aluminium cross fittings
Drainage	Perimeter gutter, draining through the posts
Water tightness	Up to 8 mm/h rainfall
Material / finish	Aluminium · powder coated, any RAL · Marine optional
Motor	Somfy iO tubular 85 or 120 Nm, in a toothed shaft
Lighting	LED strip 3000K / 4000K / 6000K, on/off or dimmable · RGB
Posts	150 × 150 freestanding · 150 × 100 mm wall-supported
Service	Annual
Certifications	ISO 9001 · ISO 14001 · ISO 45001

Technical drawings



1 Louvre 273.7 × 40

2 Guide 102 × 103.8

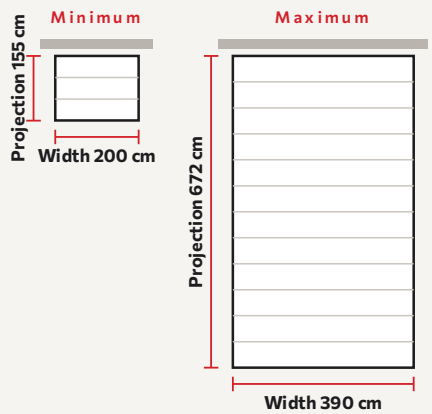
3 Gutter 200.5 × 85

4 Perimeter beam 178.8 × 136.9

5 Post 150 × 150 (or 150 × 100)

Dimensions in mm

Dimensions



Posts

Freestanding

At least 4 posts **150 × 150 mm**, with hidden internal reinforcement and concealed screws.

Wall-supported

When supported by a wall on at least one side, **150 × 100 mm** posts are sufficient.

Precise installation

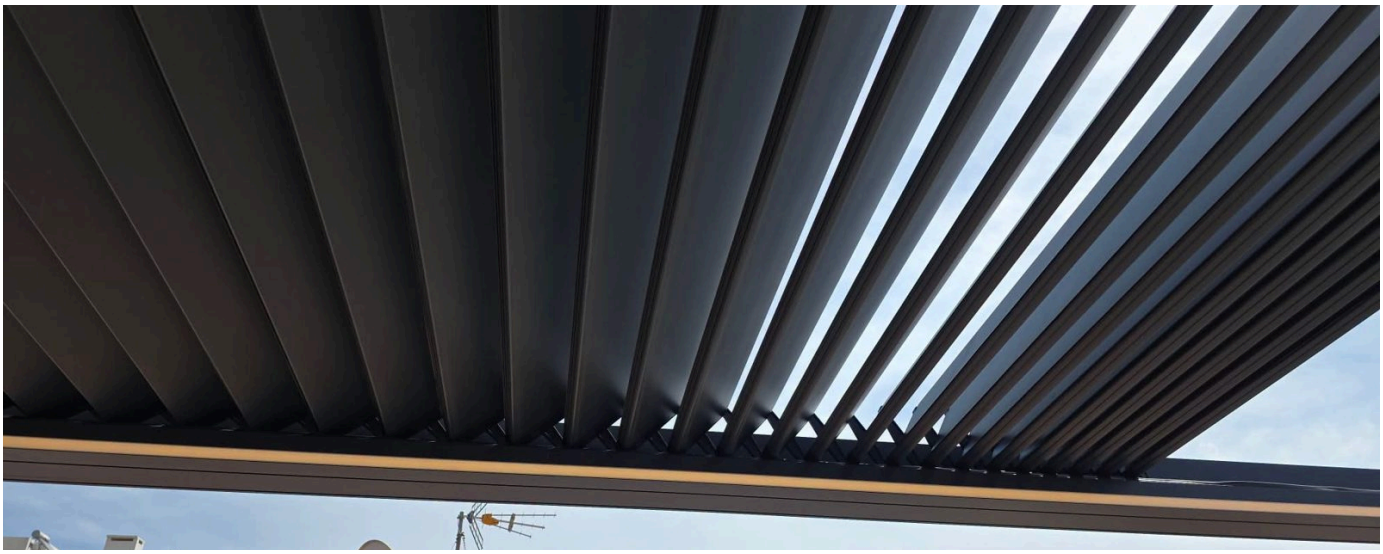
Exact alignment is essential; the guides must be strictly parallel.

The perimeter can be closed with **Zip Screens** or **glass systems**, for year-round use.

Applications



Roof terrace with sea view, louvres open



The louvres as they retract

5-year warranty

On all our products. An annual service is required for proper operation.

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

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