

IASO®

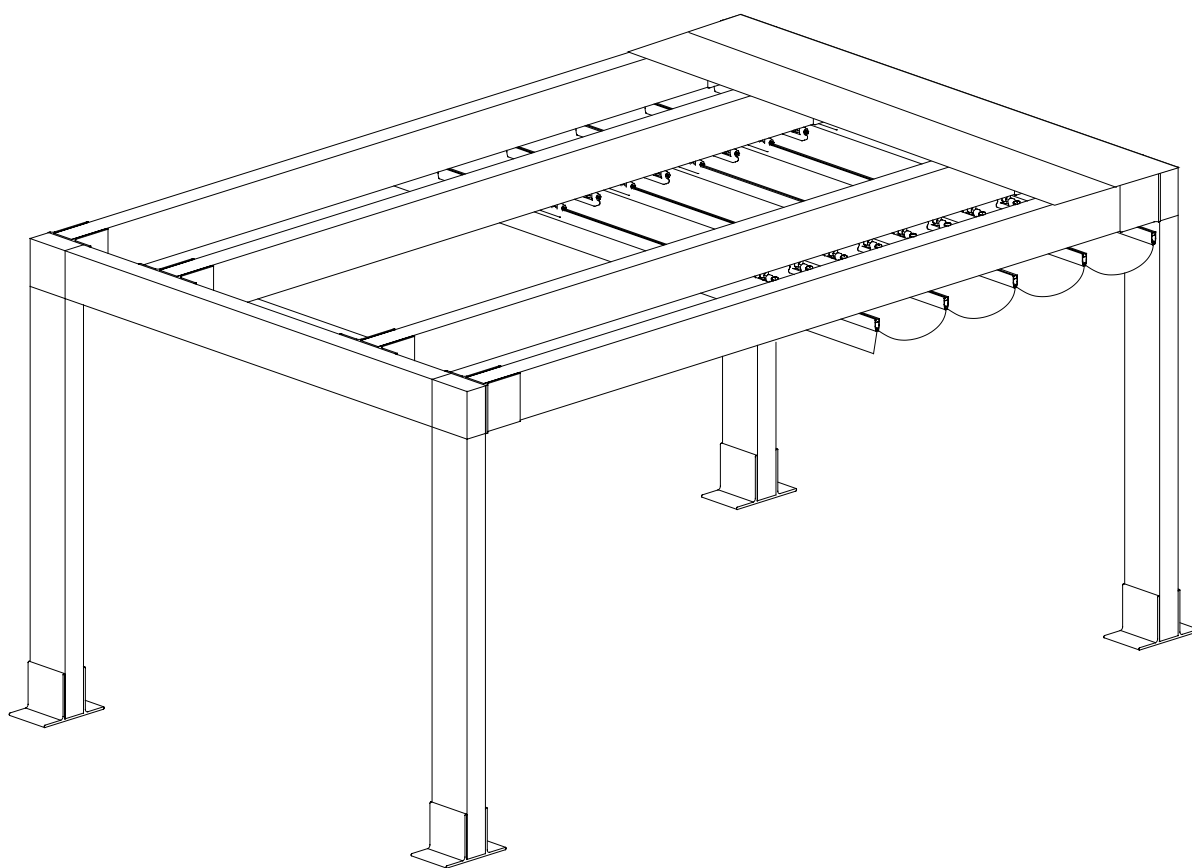
Better Outside

TECHNICAL DATA SHEET

ENGLISH

PERGOLAS

GIRALDA LT



INDEX	02 DESCRIPTION
	02 TECHNICAL SPECIFICATIONS
	03 MAIN PROFILES
	04 COMPONENTS
	05 DIMENSIONS
	06 INSTALLATION OPTIONS
	07 WIND CLASSIFICATION

DESCRIPTION

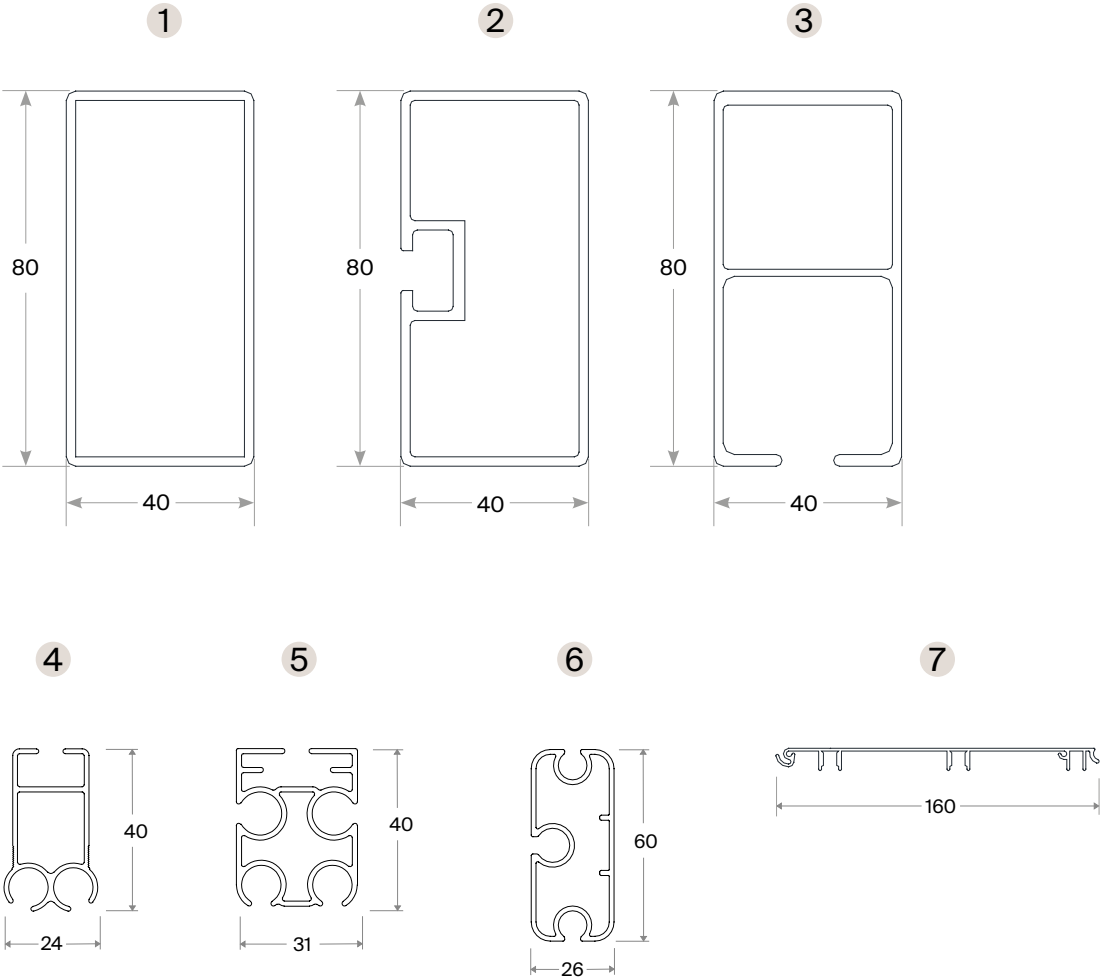
This is a manual horizontal awning mounted on a supporting structure, with the fabric reinforced by aluminium profiles every 40–50 cm approximately, similar to a “stick” (“jaretón profile”). This reinforcement provides greater resistance to wind and rain. The fabric carrying crossbar can be retracted to one side by pulling a rope, allowing it to slide along the guiding profiles that support it. Once retracted, the fabric remains gathered at one end and protected beneath an aluminium hood.

TECHNICAL SPECIFICATIONS

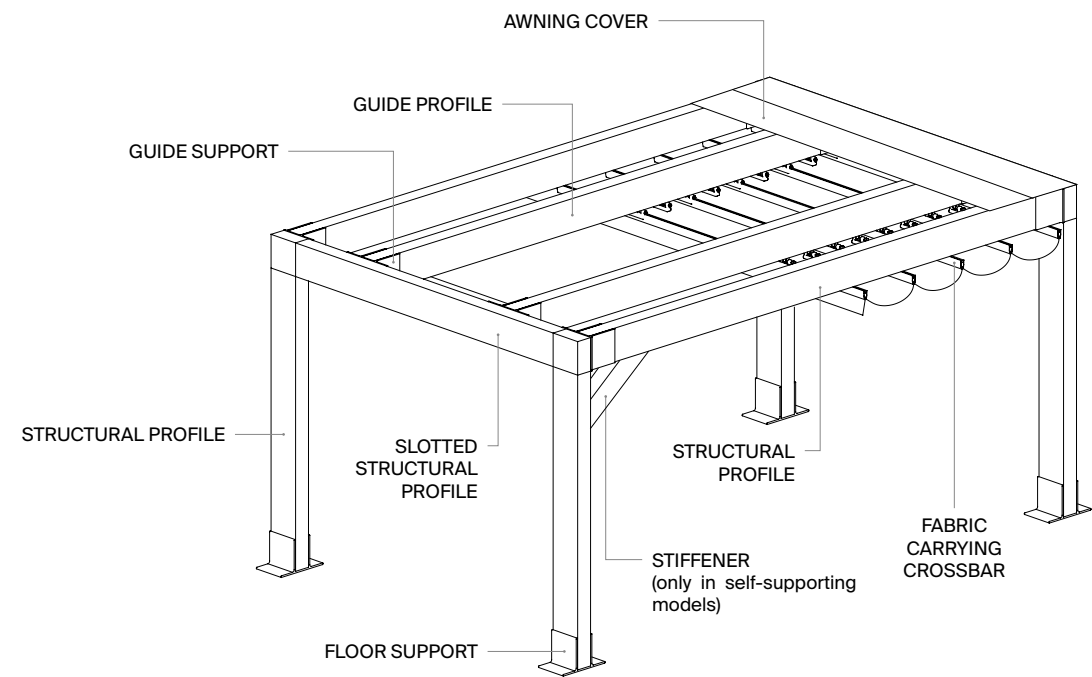
- Structural installation with multiple dimensional possibilities that allows for perimeter closure.
- Possibility of installing a second upper fabric with a protective function, creating a thermal insulation chamber.
- Inclined fabric, which in case of rain allows water to drain laterally.
- High structural stability.
- Careful aesthetics across all components.
- Easy installation.

MAIN PROFILES

- 1 STRUCTURAL PROFILE
- 2 SLOTTED STRUCTURAL PROFILE
- 3 GUIDE
- 4 JARETÓN PROFILE WITH 2 SLOTS (independent waves)
- 5 JARETÓN PROFILE WITH 4 SLOTS (double canopy)
- 6 PERIMETER UPSTAND PROFILE
- 7 HOOD PROFILE

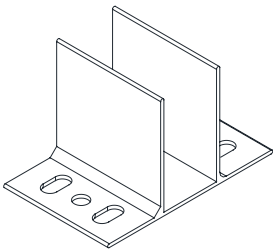


COMPONENTS

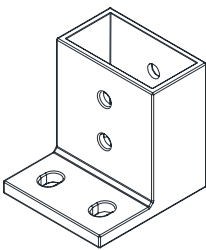


FLOOR SUPPORT:

BASE 80x40 (standard)

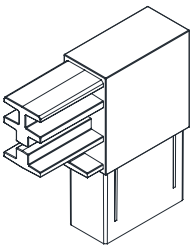


BASE COVER

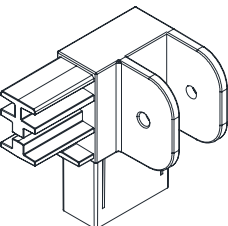


CORNER OPTIONS

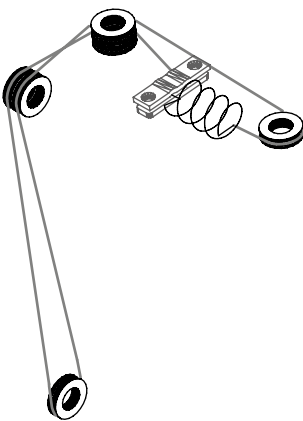
BASIC CORNER



CORNER WITH SIDE PANEL

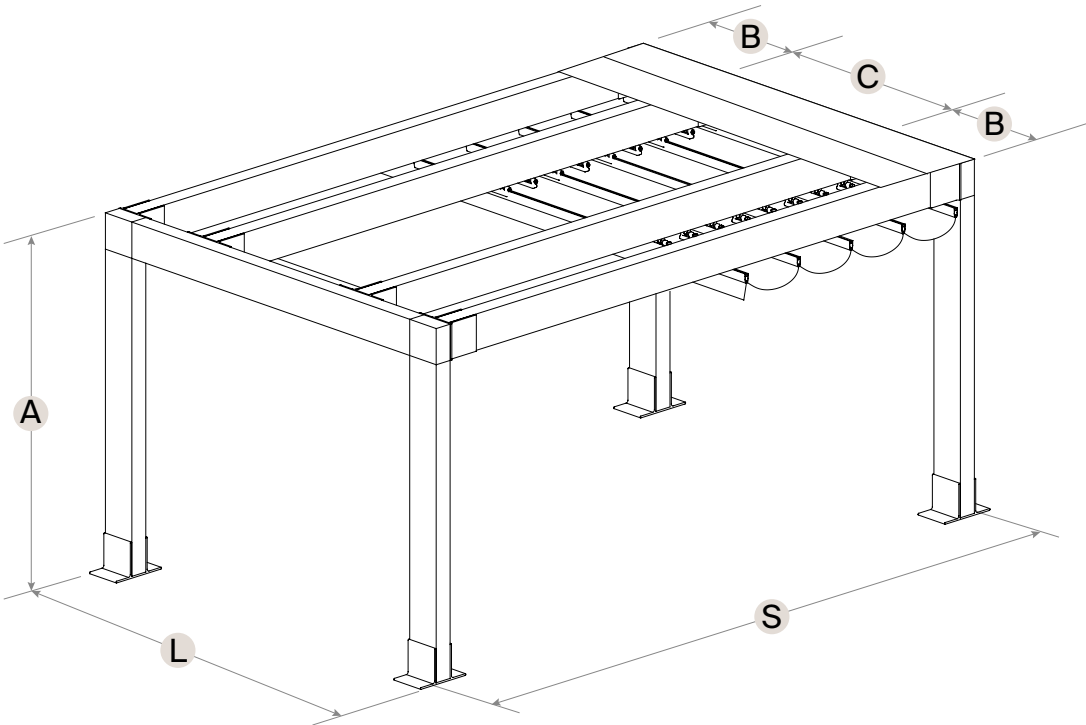


CLOSED-LOOP ROPE OPTION



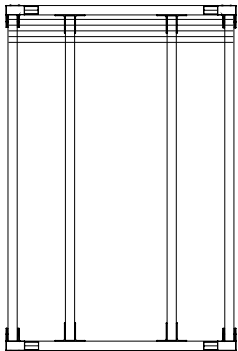
MAXIMUM DIMENSIONS (mm)

L	Width (dist. between pillars)	max. 5000
S	Projection (dist. between pillars)	max. 5000
A	Height	max. 3000
B	Projection distance of fabric carrying crossbar	max. 700
C	Distance between guide profiles	max. 4000

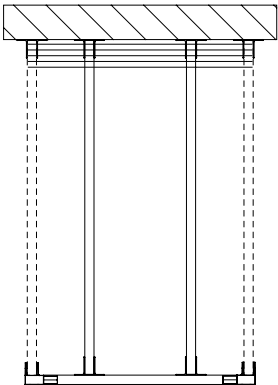


INSTALLATION OPTIONS

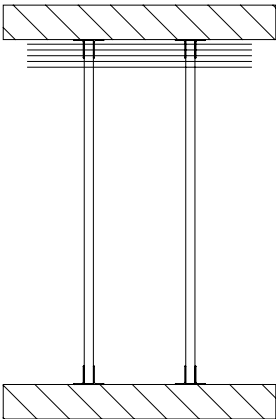
FREESTANDING



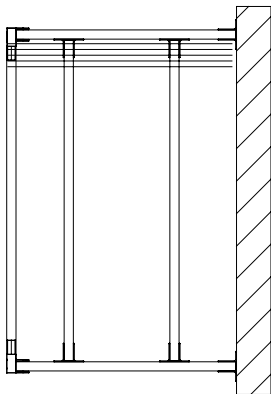
WALL-MOUNTEED
FRONT PROJECTION
(optional side profiles)



BETWEEN WALLS



A PARED
SIDE PROJECTION



WIND CLASSIFICATION



Not suitable for snow loads. In the event of snowfall, the pergola must remain retracted.

110 N/m²

3

UNE EN 13561

CLASS*	Grade Beaufort	Wind speed		Pressure	Environmental condition
0	0	0 - 1 km/h	0.0 - 0.3 m/s	0.05 N/m ²	Calm
	1	1 - 5 km/h	0.3 - 1.4 m/s	1.21 N/m ²	Very light breeze
	2	6 - 11 km/h	1.7 - 3.1 m/s	5.84 N/m ²	Light breeze
	3	12 - 19 km/h	3.4 - 5.3 m/s	17.41 N/m ²	Gentle breeze
1	4	20 - 28 km/h	5.6 - 7.8 m/s	37.81 N/m ²	Moderate wind
2	5	29 - 38 km/h	8.1 - 10.6 m/s	69.64 N/m²	Fresh wind
3	6	39 - 49 km/h	10.9 - 13.6 m/s	115.79 N/m²	Cool wind
4	7	50 - 61 km/h	13.9 - 17.0 m/s	179.45 N/m ²	Strong wind
5	8	62 - 74 km/h	17.5 - 20.6 m/s	264.08 N/m ²	Gale
6	9	75 - 88 km/h	20.9 - 24.5 m/s	373.46 N/m ²	Strong gale
-	10	89 - 102 km/h	24.7 - 28.3 m/s	501.74 N/m ²	Storm
	11	103 - 117 km/h	28.6 - 32.5 m/s	660.16 N/m ²	Violent storm
	12	118 - 133 km/h	32.6 - 36.9 m/s	853.06 N/m ²	Hurricane

CLASS ACCORDING TO STANDARD UNE EN 13561:2015

*The correspondence of the class according to UNE EN 13561 with the wind speed or Beaufort scale is indicative.

[illegible]

We believe in the *elegance* of engineering.