

BAVONA TP6600 Hardtop

The terrace pavilion modules consist of a cubic frame profile and a roofing made of aluminium slats. The construction is supported by four corner posts (115 x 115 mm) and coupling posts (117.6 x 126.6 mm). The frame profile can be fixed directly to a building structure, allowing wall or ceiling mounting (with additional angle profile). The water is discharged through a circular water channel integrated in the module. The channel can be drained via hoses in the supports.

The slats can be infinitely pivoted up to a maximum of 115° and ensure optimum adjustment of the desired lighting conditions. When closed, the lamella roof serves as rain protection. In the slightly open position, the bioclimatic air circulation prevents heat accumulation and thus ensures a pleasant climate.

The slat roof is particularly water-repellent, but not completely waterproof.

Wind resistance

The system meets wind resistance class 4 when open or up to 150 km/h when closed (according to DIN 13561).

Snow load

The system fulfils a snow load of up to 110 kg/m².

Drive

Via a low-noise electric cylinder (per module) with mechanical limit switch. Supply 24 V, IP protection class 66 The cylinder opens and closes the blades via a carrier profile.

Options

Tilt-Box io

Standard supplied with temperature protection switched on (without Tilt-Box = **NO** temperature protection).

Drainage

Drainage always takes place on the long side of the system (side A or C / side B or D). To ensure optimum drainage, the water is collected at the support and drained through the post. The water can be led either directly through the foot console or more laterally out of the support.

Integrated LED lighting per module

Up to three slats (position freely selectable) can be equipped with light. A groove is provided in the slat profile for integrated lighting. The built-in LED strip light white (warm white) or RGBW strip light is covered by a reflector plastic profile. The lighting can be switched on and off or dimmed via an external light switch/dimmer. Switching on and dimming is possible via remote.

Operation LED strip light white:

- With an external light switch/ dimmer on/off/dimming.
- With remote (Somfy io) on/off/dimming.

Operation RGBW-light band:

- With radio (Somfy io) on/off/dimmer/change colors.

Adaptive LED lighting

A triangular LED profile made of aluminium can be suspended from the integrated water channel of the frame profile. The built-in LED strip light white (warm white) or RGBW strip light is covered by a reflector plastic profile. The flexible mounting allows to choose a direct or indirect lighting.

Operation LED strip light white:

- With an external light switch/ dimmer on/off/dimming.
- With remote (Somfy io) on/off/dimming.

Operation RGBW-light band:

- With radio (Somfy io) on/off/dimmer/change colors.

Glazing

The all-glass sliding system SV1020 can be used for side glazing. The maximum side area of 15 m² per side must not be exceeded.