

BAVONA TP6500 Hard-Top

Terrace pavilions comprising a continuous cubic frame (extruded aluminium profile dimension 230 x 115 mm) and a lamella canopy. The construction is supported by 4 profiled supports (dimensions 115 x 115 mm). Numerous possible foot bracket options round out the system. The water runs off through a circular gutter integrated in the frame, where the water flows in via the lamellas. The channel can be drained via hoses in the supports. The lamellas can be swivelled steplessly to a maximum of 115°, which ensures optimum setting of the desired light conditions. The lamella roof protects against rain when closed. In the slightly opened position, a heat build-up is prevented by the bio-climatic air circulation, thereby ensuring a pleasant climate.

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

Wind resistance: The system satisfies wind resistance class 4 when extended or to 150 km/h when retracted. (DIN 13561 compliant).

Snow load: The system is able to withstand a snow load of up to 110 kg/m²

Drive: Operated via a low-noise electric cylinder with mechanical limit stop. 24 V supply, IP66 protection class. The cylinder opens and closes the lamellas via a carrier profile.

CONTROL UNIT PERGOLA TILT RTS M+L: Temperature protection is in default off position upon delivery

Option

Drainage: Optionally, the water can be drained through the foot brackets into the floor or with lateral recess at the support. 1 water run-off is required for lamellas with a surface area of 12 m², and 2 run-offs for a surface area up to 24 m². 3 run offs for any area over 24 m².

Integrated LED lighting: Up to three lamellas (position freely selectable) can be equipped with light. A groove, in which a LED light strip (warm white) is installed, is provided in the lamella profile for the integrated lighting. This is covered by a diffusing plastic profile.

Operating the white LED light strip

Use wireless (Somfy RTS) to switch on/off/dim.

Adaptive LED lighting: A triangular aluminum LED profile can be suspended from the frame profile at the integrated water channel. The built-in white (warm white) LED light strip is covered by a diffusing plastic profile. The flexible mounting enables direct or indirect lighting to be selected.

Operating the white LED light strip

Use wireless (Somfy RTS) to switch on/off/dim.