

### **BAVONA TP6500**

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 frame can be fastened directly to a structure, thereby permitting wall or ceiling mounting (with additional angle brackets). The water runs off through a circular gutter integrated in the frame, where the water flows in via the lamellas. The gutter can be drained into the supports via drainpipes. 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.

#### **Wind resistance**

The system satisfies wind resistance class 4 when extended (tensioned fabric) 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/m<sup>2</sup>

#### **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.

#### **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 17 m<sup>2</sup>, and 2 run-offs for a surface area up to 36 m<sup>2</sup>.

##### **Integrated LED lighting**

Up to three lamellas (freely-selectable position) with light can be retrofitted. The lamella profile has a groove for the integrated lighting, into which an LED strip (warm white colour temperature) is installed. This groove is covered by a plastic reflector profile. The lighting can be switched on and off or dimmed via an external light switch/dimmer. Remote switching on / off and dimming is possible.

##### **Glazing**

The full glass sliding system SV1020 can be used for side glazing. The maximum side surface area of 15 m<sup>2</sup> per side must not be exceeded.

##### **I.S.L.A. Concept**

Via specific connection fittings, the supports can be mounted in the corners of the frame profiles on flooring system SB4700.