



BIOSHADE TETTOIA

Bioclimatic louver pergolas

Dirello
ITALIAN OUTDOOR DESIGN

BIOSHADE TETTOIA

BREVETTATO

PATENTED

BIOSHADE is a bioclimatic louver system, using natural resources such as sun and wind allows a good control of the microclimate to meet wellbeing of the users, it provides natural ventilation, protection from direct sunlight, reduces the heat input, fine-tune the light intensity and thanks to the innovative design keeps out the rain.

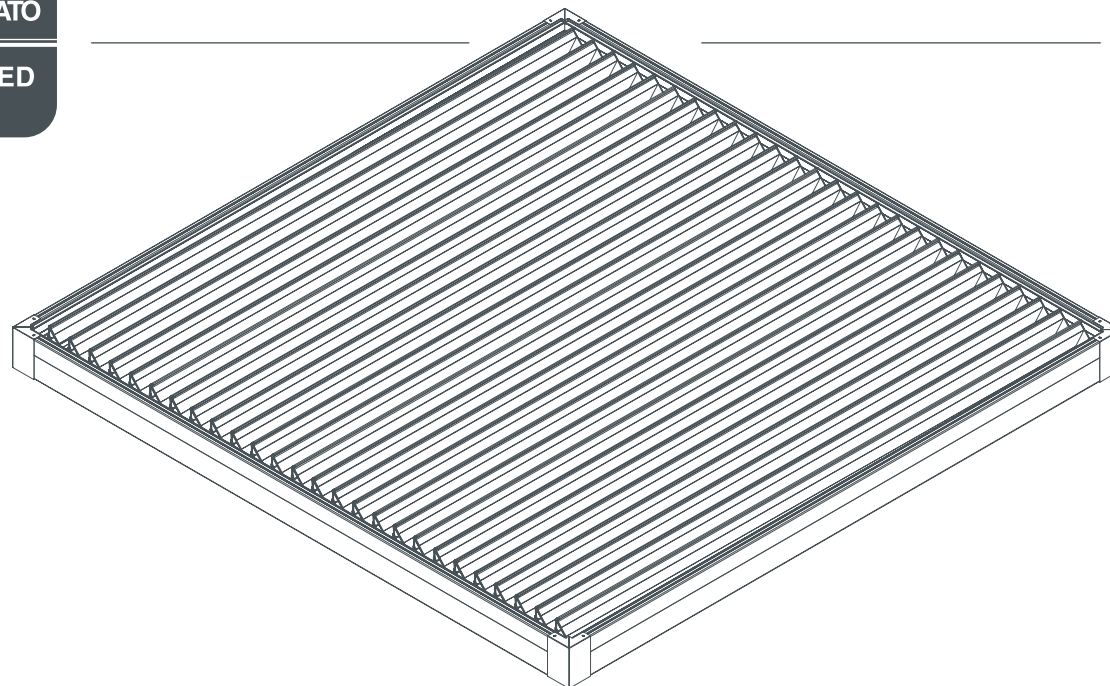
This project has satisfied a meditated choice of style and functionality, combining aesthetics and innovation, to ensure high performance in terms of energy savings, caused by energy consumption for ventilation, cooling, heating, and lighting through the usage of inexhaustible renewable energy sources such as sun, wind, water and air.

BIOSHADE is made of aluminum (alloy 6060), the blades form a flat roof, they are the result of a careful study of the design with the purpose to fine-tune the director indirect light according to the solar orientation and to benefit from the natural ventilation for cooling and ventilating the room. It is equipped with a seal gasket to prevent rainwater infiltration for an excellent defense from rain (40 lt / sq. m. per hour).

The built-in perimeter gutter allows the rainwater channeling. Pre-arranged LED lighting system is available.

Blades can be open up to 110°, the orientation will be performed with electronic motor (standard) and remote control.

BIOSHADE is patented model, manufactured and distributed exclusively by Tenda Service Srl.



STANDARD COATINGS //

RAL 9010 fine texture

RAL 1013 fine texture

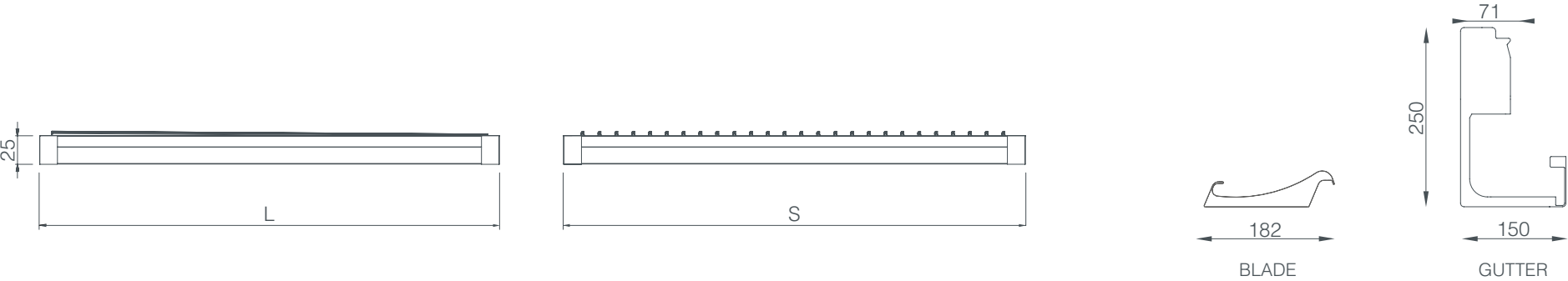
Grey Iron

BIOSHADE TETTOIA // DIMENSION & TECHNICAL DETAILS



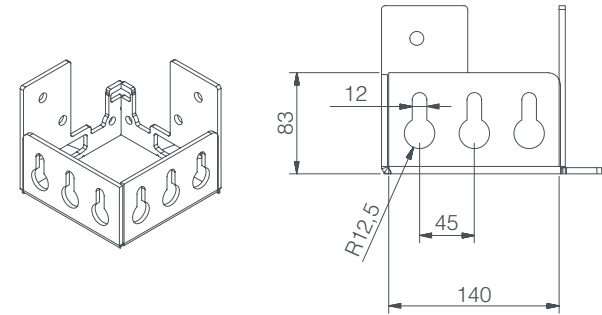
Wind resistance: UNI EN 13659: class 3 (corresponding to grade six of the Beaufort scale)	Watertightness: 50 l / h per sq. m.	Accidental load safety: Till kg. 50 per sq. m.	L total width
			S total project
			L max total width 400 cm.
			S max projection 713,9 cm.

TECHNICAL DETAILS //

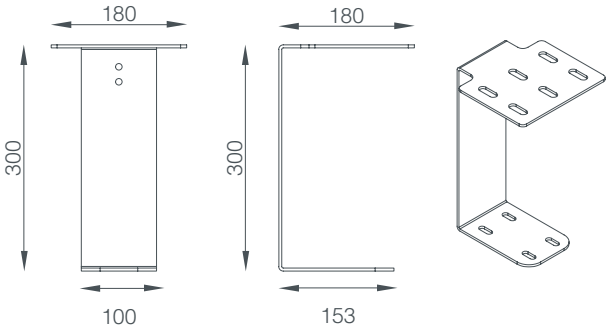


FIXING OPTIONS //

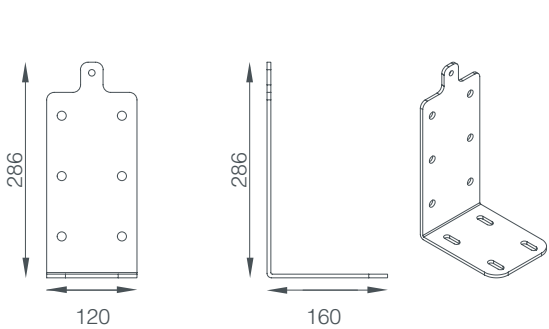
CORNER FIXING PLATE: **STANDARD**



CEILING MOUNTING PLATE: € 92



WALL MOUNTING PLATE: € 73

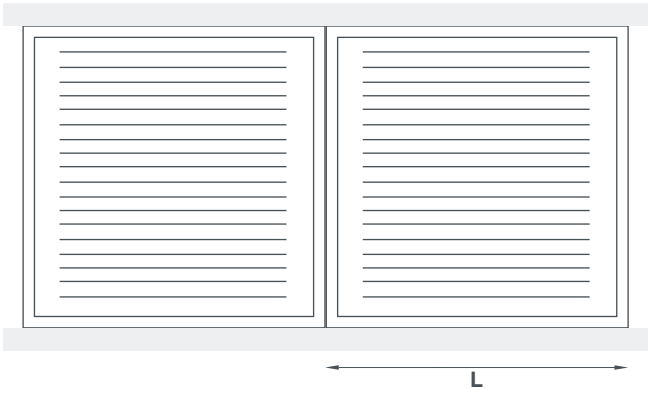


BIOSHADE TETTOIA // LAYOUTS



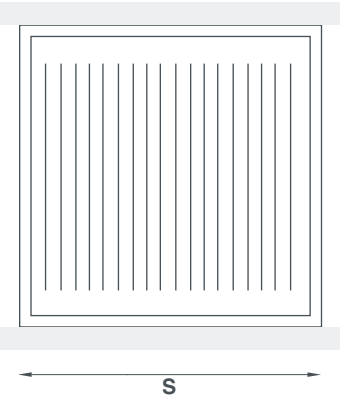
SINGLE MODULE BLADE PARALLEL TO THE WALL

L	Width	max 400 cm.
S	Projection	max 713,9 cm.



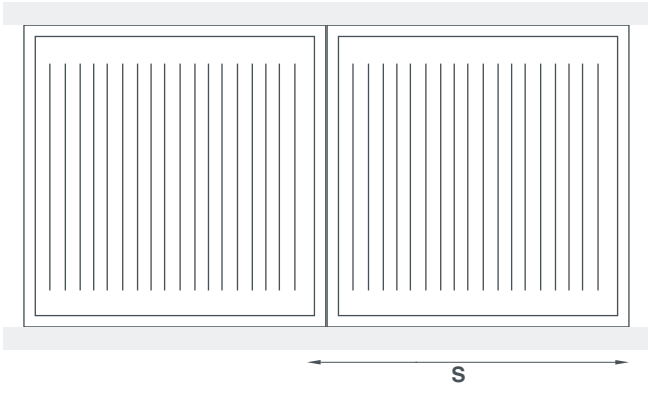
SIDE BY SIDE MODULE BLADES PARALLEL TO THE WALL

L	Width	max 400 cm.
S	Projection	max 713,9 cm.



SINGLE MODULE BLADE LONGITUDINAL TO THE WALL

L	Width	max 400 cm.
S	Projection	max 713,9 cm.



SIDE BY SIDE MODULE BLADES LONGITUDINAL TO THE WALL

L	Width	max 400 cm.
S	Projection	max 713,9 cm.

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