

METAFORM SHADING SYSTEMS



TECHNICAL MANUAL

BIOCLIMATIC FUTURA

WWW.METAFORM.GR



metaform shading systems



Bioclimatic Futura

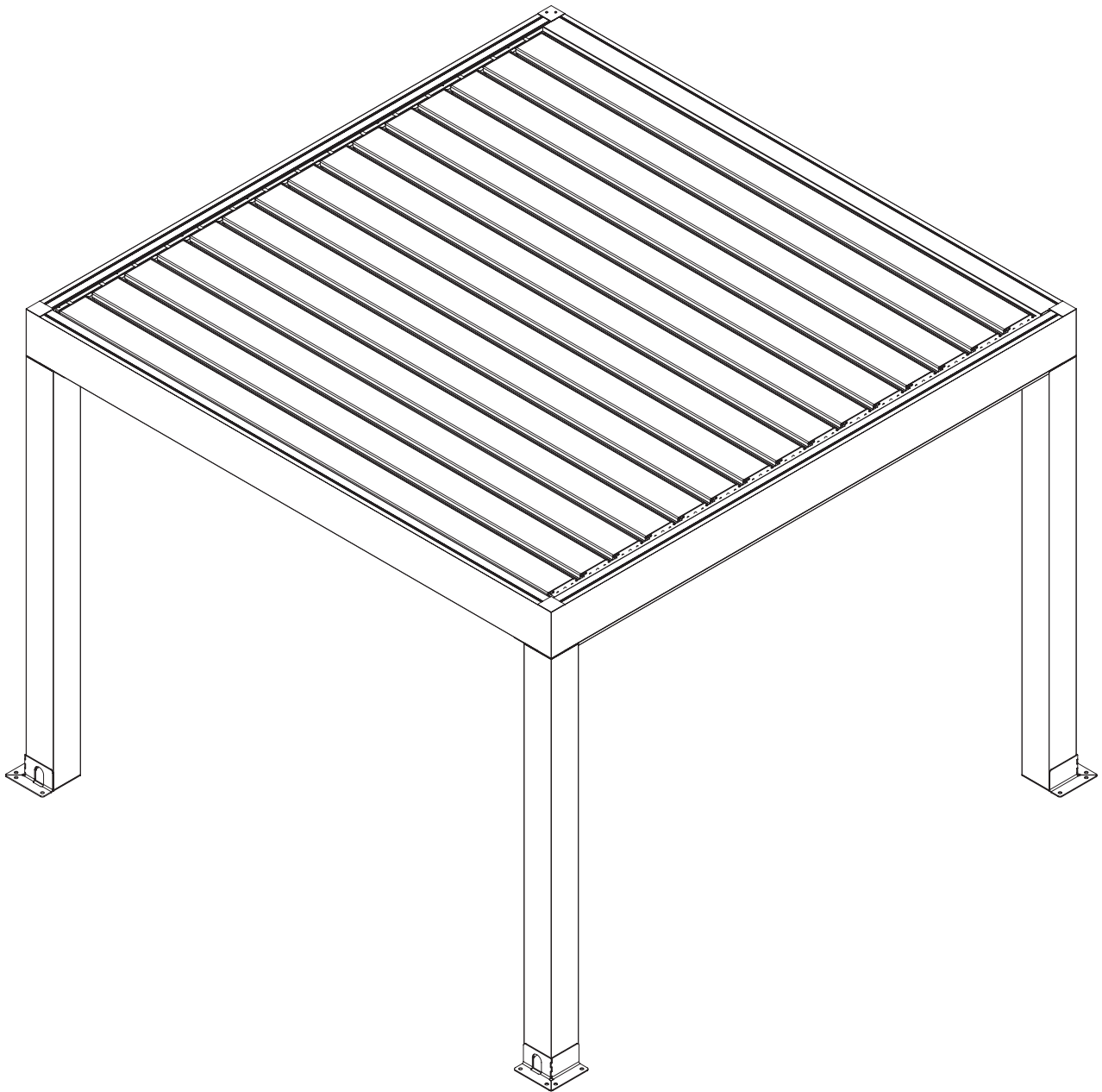
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Bioclimatic **Futura**

General view of the pergola.

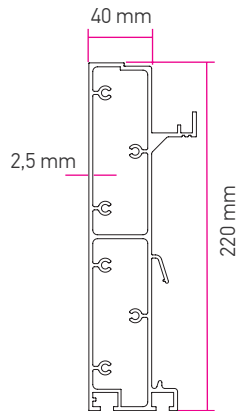
Metaform's SA new pergola, Bioclimatic Futura allows you to enjoy the outdoors all year despite the weather conditions.

It protects you from the sun, rain, wind and snow. Furthermore you can adjust naturally the temperature and the light of the area beneath.

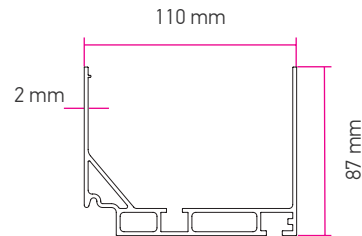


Bioclimatic Futura

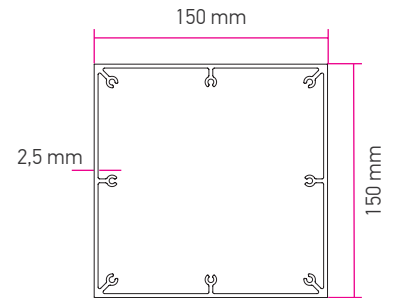
Profile cross-sections.



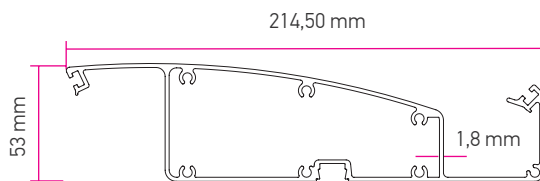
① rafter 40X220



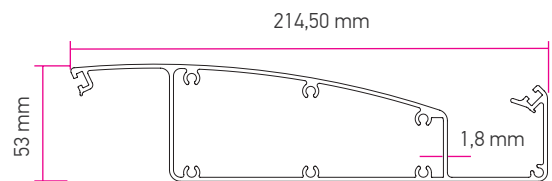
② perimetric gutter 110X87



③ column 150X150



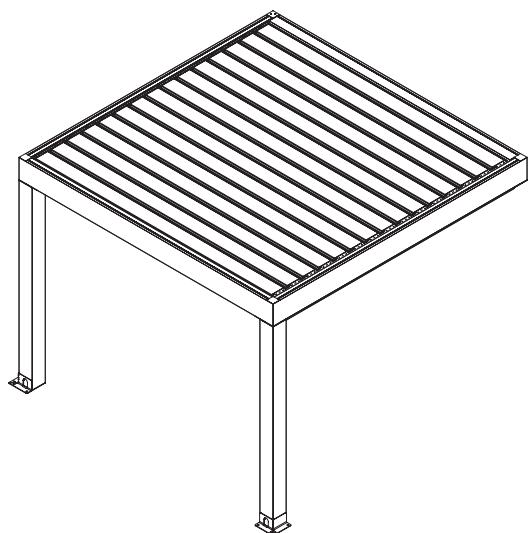
④ panel for LED lighting 214,5X53



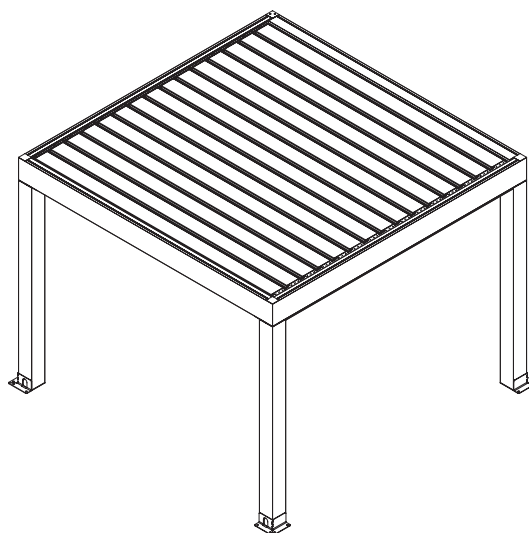
⑤ panel 214,5X53

Bioclimatic Futura

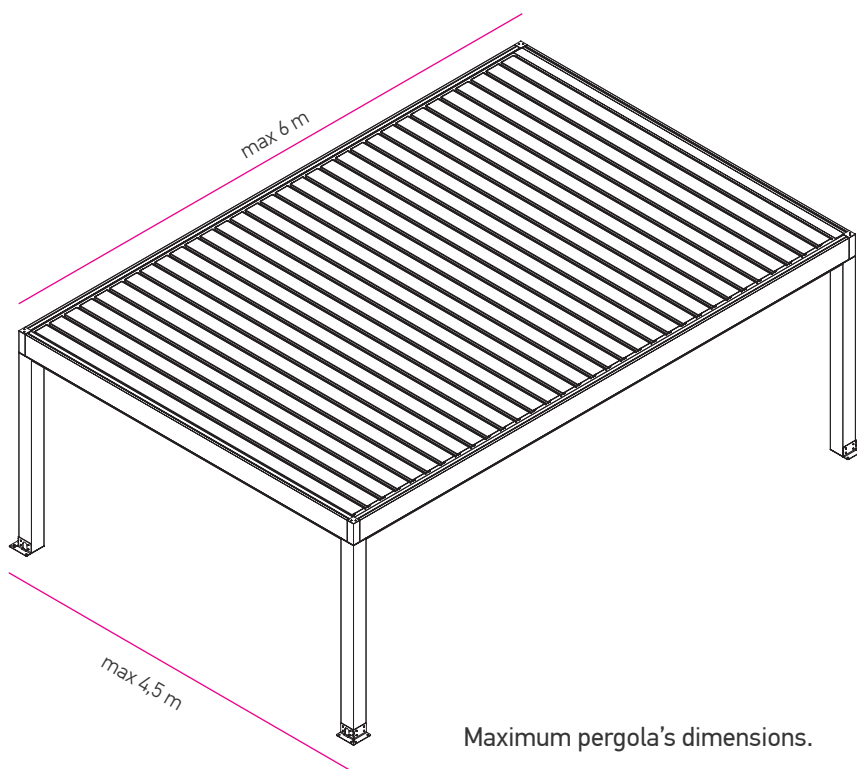
Pergola dimensions.



Wall mounted



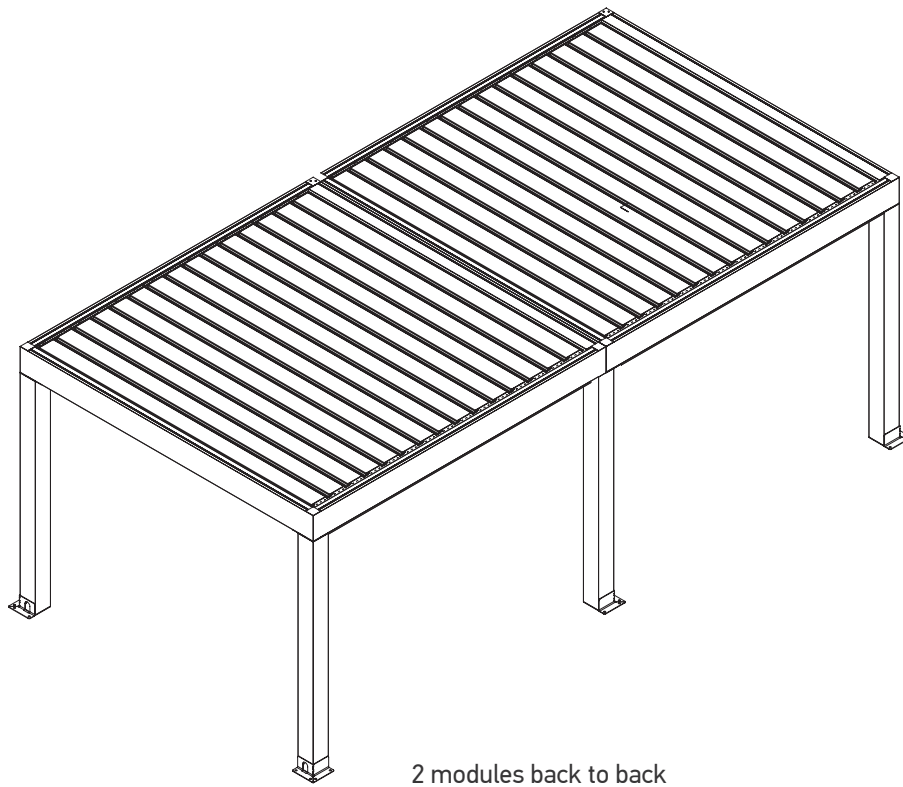
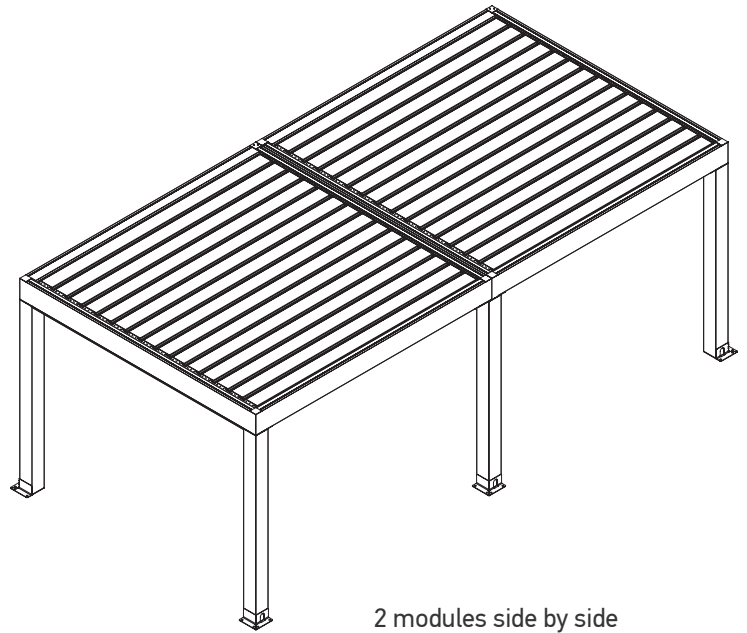
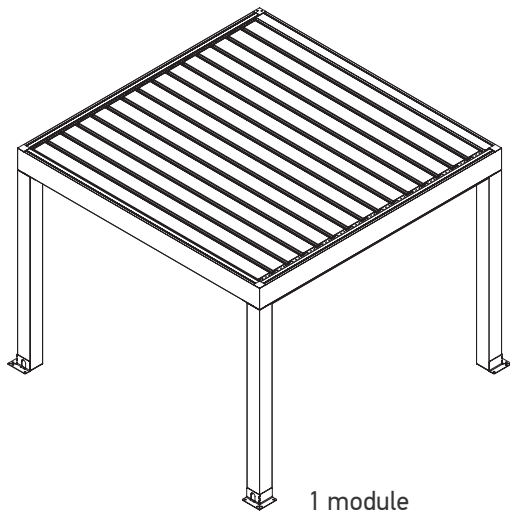
Free standing



Maximum pergola's dimensions.

Bioclimatic Futura

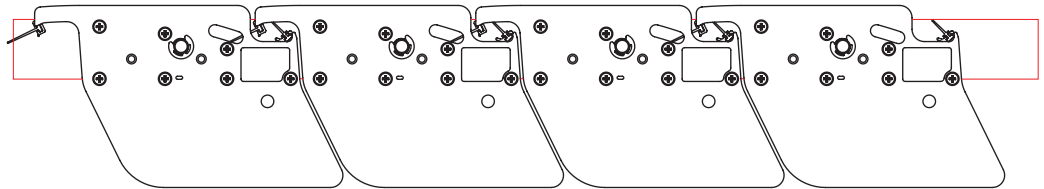
Bioclimatic Futura Configuration.



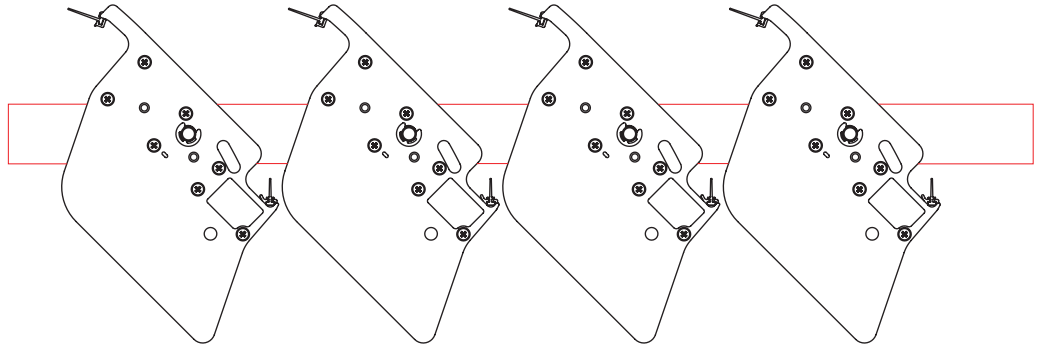
Bioclimatic Futura

Panel rotation.

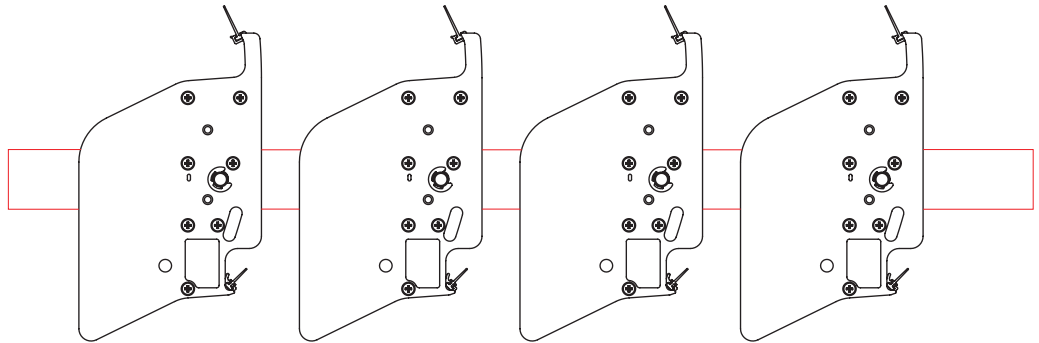
0°



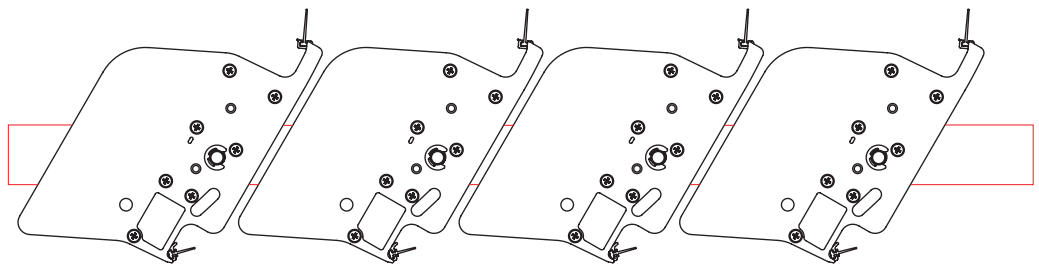
45°



90°

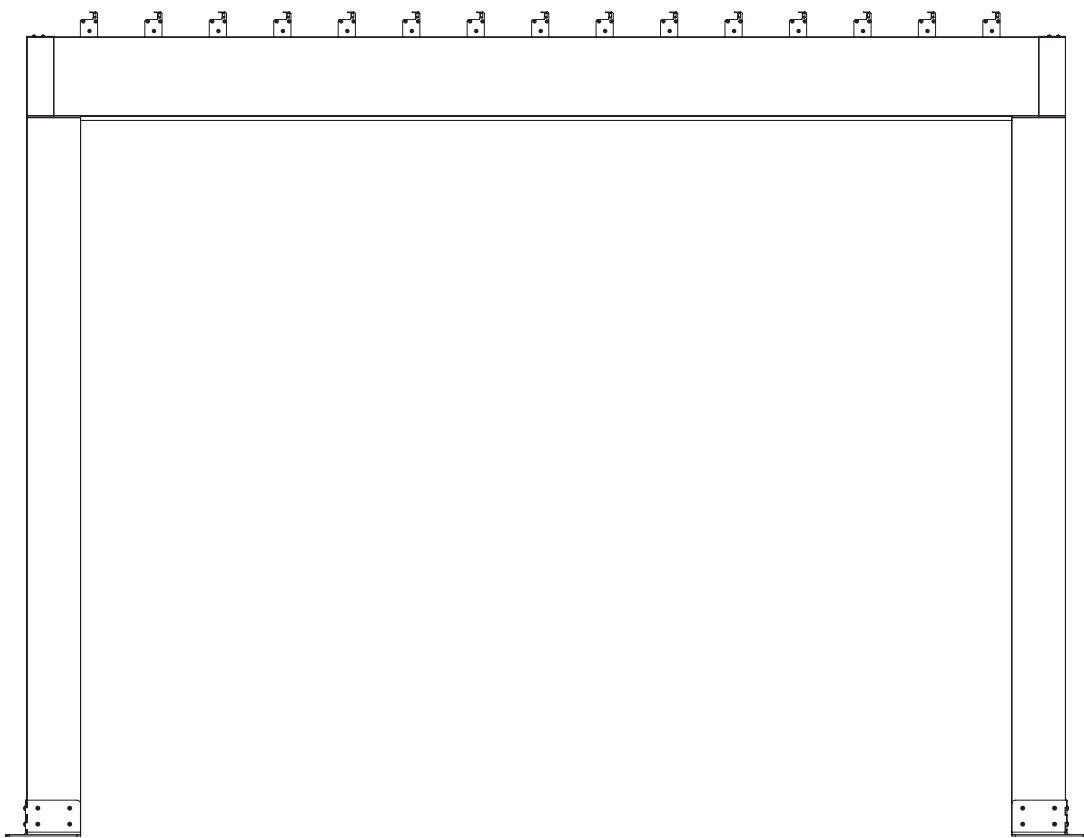


120°



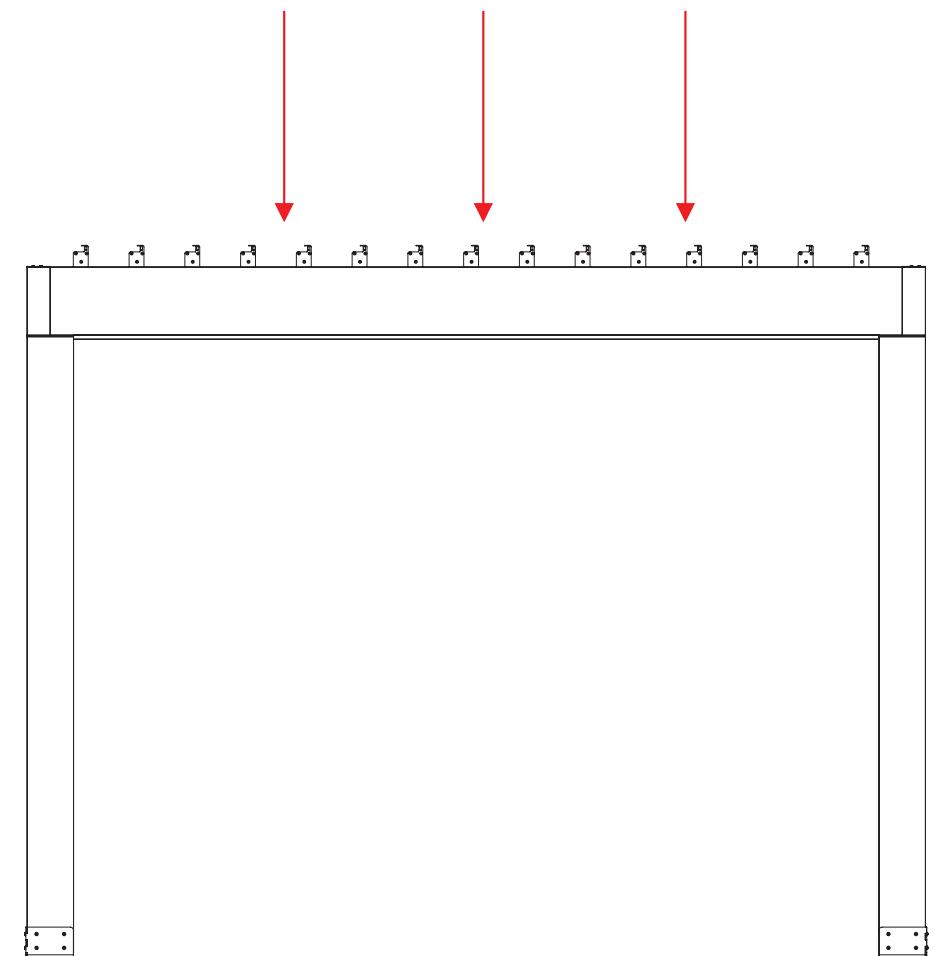
Bioclimatic **Futura**

Bioclimatic Futura Configuration.



Bioclimatic Futura

Load Resistance.



Model	Shaft Length L (cm)	Projection H (cm)	Area (m ²)	Pressure (K/m ²)
FUT-149	450	149	6,71	900
FUT-203	450	203	9,14	450
FUT-257	450	257	11,57	290
FUT-311	450	311	14,00	190
FUT-365	450	365	16,43	140
FUT-419	450	419	18,86	100
FUT-473	450	473	21,29	80
FUT-527	450	527	23,72	60
FUT-581	450	581	26,15	40
FUT-599	450	599	26,96	40



