



TILIA
BIOKLIMATSKA PERGOLA

*Uživajte u životu na otvorenom
u svim klimatskim uslovima tokom godine.*

LUXAL
OUTDOOR LIVING SYSTEMS



TILIA BIOCLIMATIC

Tilia Bioclimatic Pergola pruža regulaciju prirodne temperature okoline uz minimalnu potrošnju energije. Sa svojom potpuno aluminijumskom strukturom, dugi niz godina čuva svoj oblik od vremenskih neprilika. Prilagođava se postojećoj arhitekturi ili se može primijeniti kao samostalni sistem.

Njena primjena je vrlo jednostavna. Podesive lamele sistema pružaju prirodnu mikroklimu kada se otvore i pružaju zaštitu od izravnog sunca podešavanjem ugla prema suncu. Zatvorene lamele čine potpuno zapečaćeni sistem vodonepropusnih kanala.

Ostali Luxal proizvodi su; Uz Garda (ZIP zatvarač), Nice (giljotina sistem), Basic 56/60, Nova Slide, SF 60 T (sustavi prozora-vrata), možete iskoristiti četiri sezone u vašem prostoru, neprimjetno integrirane.

Tilia Bioclimatic Pergola provides regulation of the natural ambient temperature with microclimate with minimum energy consumption. With its completely aluminum structure, it preserves its form for many years against the adversities of time. It can be adapted to the existing architecture or can be applied as a standalone system.

Its application is very simple. The adjustable fins of the system provide a natural microclimate when opened and provide protection from direct sun by adjusting the angle according to the sun. It forms a completely sealed system to watertight channels.

Other Luxal products are; With Garda (Zip Curtain), Nice (Guillotine Window), Basic 56/60, Nova Slide, SF 60 T (Door-Window systems), you can benefit from four seasons in your space, seamlessly integrated.



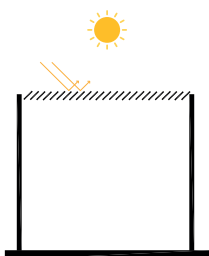
Zatvoren sistem
Closed system



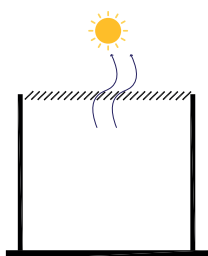
90° Rotirano
90° Oriented



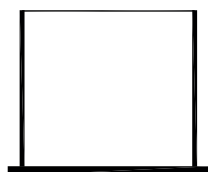
110° Maksimalno rotirano
110° Maximum orientation



Zaštita od sunca
Protection from the sun



Prirodna ventilacija
Natural ventilation



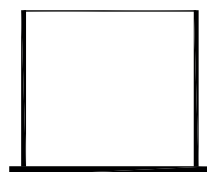
Prilagodiva temperatura
Adjusting of temperature



Stabilnost na vjetru
Stability in wind



Zaštita od kiše, odvodnja
viška vode
Protection from rain,
excess water drainage



Zaštita od snijega
Protection from snow



Dimenzija lamele 222 mm x 40 mm.
Maksimalna dužina lamele 4000 mm.
Rotacija 0° to 110°.

Blade dimensions 222 mm x 40 mm.
Max blade length 4000 mm.
Orientation 0° to 110°.

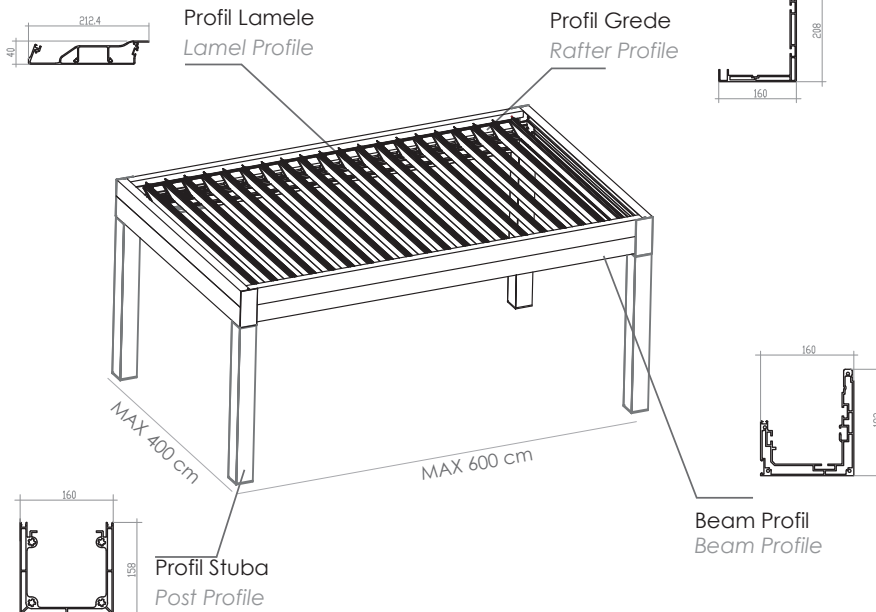


Težina 35 ≈ kg/m²
Weight 35 ≈ kg/m²



Materijal // 6063 T5 aluminijum,
nehrđajući čelik i delrin.

Materials // 6063 T5 aluminum,
stainless steel and delrin.



1st CLASS
ALUMINIUM SYSTEMS



RAL Boje
Boja po Vašem izboru, prema RAL
standardu.

RAL Color Selection
Coloring of your choice, according
to the RAL color standard.



Elektro pogon
Mogućnost elektro pogona i
daljinskog upravljanja.

Electrical Motion
Capability of electrical motion and
remote control.



Izvršna otpornost na vremenske
uslove (kiša, snijeg), vlagu i
vjetar.

Great resistance to weather
conditions of rain, snow humidity
and wind.

Test otpornosti na vjetar

Standard UNE-EN 13659:2004 Klasa 6 // (ca. 112 km/h)
Nisu otkrivene pukotine.

Test otpornosti na snijeg

Standard EN-1999 EUROCODE 9 // 100 kg / m²
(uključujući sopstvenu težinu).

Test za kišu

Standard UNE-EN 12056-3 // (0.03 l/s max.) Konstantna
jaka kiša 108 l.m²/h (konstrukcija + lamele).

Odvodnja oborinskih voda

Voda se iz kanala sa aluminijskih lemelnih profila
prenosi na rubne profile, a nakon toga voda se
prenosi kroz stubove i van objekta.

Sigurnost

Skriveni odvodi i električni vodovi.

Površinska zaštita

U skladu sa specifikacijama kvaliteta za Qualicoat,
Qualideco i Qualanod standarde.
Dostupne su boje prema RAL karti, anodizirani ili drveni
efekti. 10 godina garancije za površinsku zaštitu.

Wind Load Resistance Test

UNE-EN 13659: 2004 Class 6 // (approx. 112 km / h)
not tested up to
190 km / h. No breakage was detected.

Snow Load Resistance Test

Standard EN-1999 EUROCODE 9 // 100 kg / m²
(including its own weight) aluminum structures
project

Rain Test

Standard UNE-EN 12056-3 // (0.03 l/s max) Fixed
heavy rain approx. 108 l.m²/h (structures + lamels)

Rainwater Drainage

Water is transferred from the grooves on the
aluminum lamel profiles to the edge profiles, water is
transferred to the feet thereafter.

Safety

Hidden drains and electrical lines.

Finishes

In accordance with specifications for Qualicoat,
Qualideco and Qualanod. RAL colour, anodized or
wood effect finishes are available. 10 years of
warranty for finishes.

LUXAL

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