

BIOKLIMATSKA PERGOLA

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ALUMINIJSKA BIOKLIMATSKA PERGOLA: ESTETIKA, PRILAGODLJIVOST I DUGOTRAJNOST

Sistem **bioklimatske pergole BP 165** koristi se na otvorenim površinama (terasama, dvorištima) kao inovativno rješenje u zaštiti od vremenskih prilika (sunca, kiše, snijega).

Rotirajuće lamele omogućuju reguliranje količine prolaska sunčeve svjetlosti koja ulazi u prostor pergole, te na taj način osiguravaju ugodan boravak tijekom cijelog dana. Također, zatvaranjem lamela postiže se potpuna vodonepropusnost krova pergole. Osvjetljenje unutarnjeg prostora pergole omogućeno je utorima za LED rasvjetu po opsegu okvira pergole, osiguravajući tako ugodan boravak i tijekom noći. Čvrsta konstrukcija omogućuje visoku otpornost na vjetar i max. dimenzije do 6x6x3m (sa ojačanjem). Prilikom određivanja max. dimenzija, potrebno je uzeti u obzir statičke proračune i nagib terena. Izrađena od laganih i jednostavnih profila, omogućuje različite izvedbene tipologije. Za veću udobnost boravka na otvorenom, omogućena je ugradnja različitih sjenila, fiksnih brisoleja, kao i kliznih staklenih stijena tipa FEAL FR-18

ALUMINIUM BIOCLIMATIC PERGOLA: AESTHETICS, ADAPTABILITY AND DURABILITY

*The **BP 165 bioclimatic pergola** system is designed for open spaces (terraces, yards) as an innovative solution for weather protection (sun, rain, snow).*

Rotating lamellas allow for precise regulation of sunlight entering the pergola, ensuring a comfortable environment throughout the day. Furthermore, closing the lamellas ensures the pergola roof is completely watertight. Interior lighting is integrated via specialized LED slots along the perimeter of the frame, providing a pleasant atmosphere at night.

The robust construction ensures high wind resistance and supports maximum dimensions of up to 6x6x3m (with reinforcement). When determining maximum dimensions, static calculations and terrain slope must be taken into account. Engineered from lightweight and streamlined profiles, it allows for various structural configurations. For enhanced outdoor comfort, the system supports the integration of various shading solutions, fixed brisoleils, and sliding glass walls, such as the FEAL FR-18 system.

BIOKLIMATSKA PERGOLA

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ZNAČAJKE SISTEMA:

UV i toplinska zaštita
Rotacija lamela do 135°
Kontrola dnevnog svjetla
Opcionalna ugradnja LED rasvjete
Prozračan i vodootporan krov
Skrivena odvodnja vode kroz stupove
Jednostavna instalacija
Spojevi bez vidljivih vijaka
Izrada po mjeri
Izbor boje prema RAL, Elox ili Decoral karti

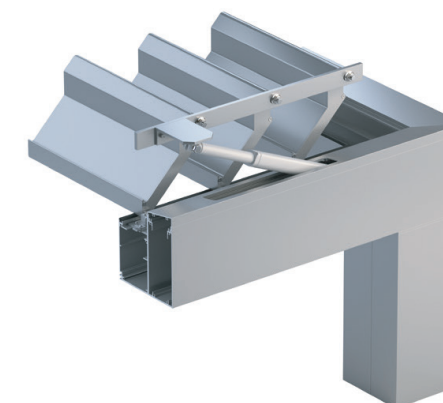
SYSTEM FEATURES:

UV and thermal protection
Lamella rotation up to 135°
Daylight control
Optional LED lighting integration
Ventilated and waterproof roof
Concealed drainage through the columns
Simple installation
Connections without visible fasteners or screws
Custom-made solutions
Wide range of colour finishes: RAL, Elox or Decoral charts

UTOR ZA LED RASVJETU: LED LIGHTING SLOT:

FEAL pergole dolaze s utorom za ugradnju LED traka. Iako pergole same po sebi donose dinamičan i moderan ugođaj u vaše dvorište, mnogo su impresivnije kada ih prati ambijentalna LED rasvjeta.

FEAL pergolas feature integrated slots for LED strip installation. While the pergolas themselves provide a dynamic and modern aesthetic to your yard, their impact is significantly enhanced when complemented by ambient LED lighting.



TEHNIČKE KARAKTERISTIKE SISTEMA:

TECHNICAL CHARACTERISTICS:

Rotiranje lamela / Lamella rotation
Širina profila lamele / Lamella profile width
Širina profila stupa / Column profile width
Širina profila okvira / Frame profiles width
Visina profila okvira / Frame profile height

Do 135°
214 mm
165 mm
165 mm
185.5 mm



MOGUĆNOST UGRADNJE RAZLIČITIH SJENILA I KLIZNIH STAKLENIH STIJENKI KAO ŠTO JE FEAL FR 18:

INTEGRATION POSSIBILITIES OF VARIOUS SHADING SYSTEMS AND SLIDING GLASS WALLS (SUCH AS FEAL FR-18):

Dodajte još jednu dimenziju pergolama ugradnjom kliznih staklenih stijenki i tako se zaštitite od vjetera i insekata bez zaklanjanja pogleda na vaš vrt ili dvorište.

Add a new dimension to your pergola by installing sliding glass walls. This provides protection from wind and insects without obstructing the view of your garden or courtyard.