LTF

MANTENIMIENTOS

Aluminum solutions for outdoor living

PRODUCT CATALOG · 2026

Projects built to last

PANAMA · CENTRAL AMERICA · CARIBBEAN

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WELCOME

Outdoor spaces with character

At **LTF Mantenimientos** we design, supply and install aluminum structures and outdoor solutions for homes, hotels, restaurants and commercial projects across Panama, Central America and the Caribbean.

This catalog presents our product line for creating comfortable, elegant and long-lasting spaces: high-strength aluminum profiles, quiet motors and finishes tailored to every project.



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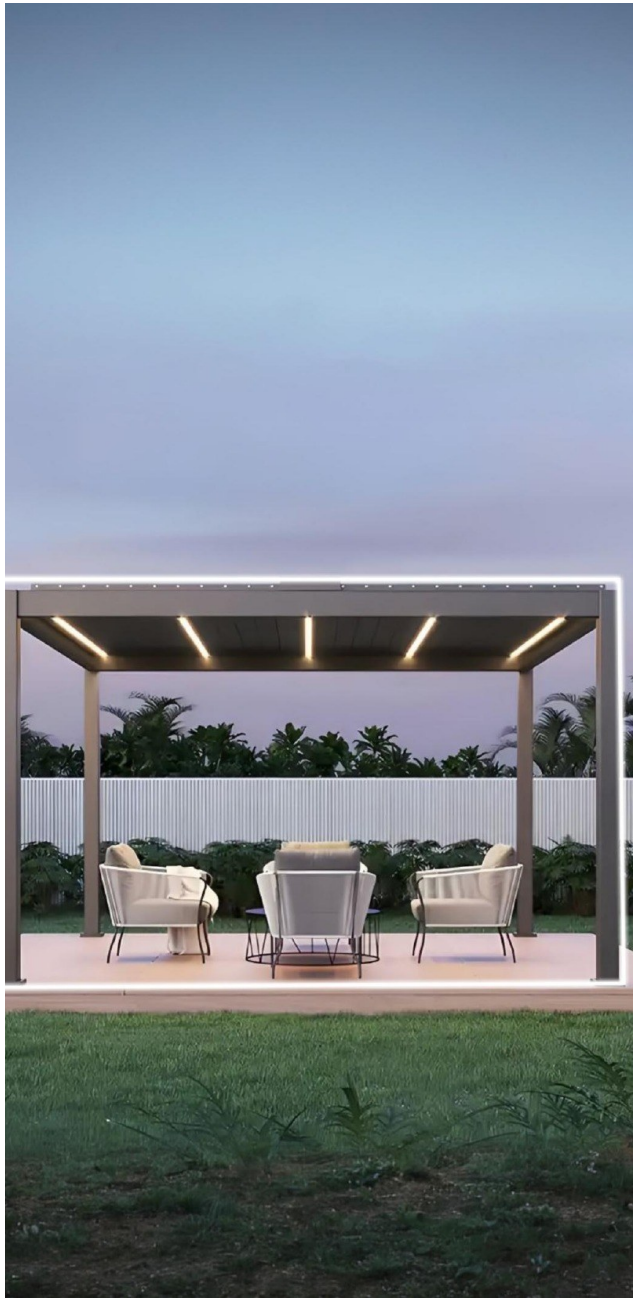


01

Electric louvered pergola

An elegant way to control sun, airflow and rain. Its aluminum blades rotate from 0° to 90° with a single remote, and its all-aluminum structure delivers a long service life with excellent resistance to oxidation and corrosion.

Adjustable blades 0°–90°
Fine-tune light, ventilation and rain protection.

6063-T5 aluminum
High-strength profiles with a durable finish for demanding climates.

Integrated drainage
Concealed gutters collect and guide rainwater down the posts.

4000K LED lighting
Built-in LED strip for evening ambience.

IP67 motor
Water-protected motor with a 16-channel remote control.

Modular design
Combine modules and tailor dimensions to your space.



SERIES 180

Material	**6063-T5 aluminum**
Standard sizes	**3 × 3 m · 3 × 4 m**
Max. single module	**3.5 × 4.5 m (4 posts)**
Standard heights	**2.5 · 2.8 · 3.0 m**
Post	**140 × 140 mm · 2.0 mm**
Blade	**160.6 × 115 mm · 1.8 mm**
Beam	**180 × 35 mm · 1.5 mm**
Lighting	**4000K LED strip**
Motor	**Waterproof IP67**
Remote	**16-channel remote**

White Gray Coffee



SERIES 225

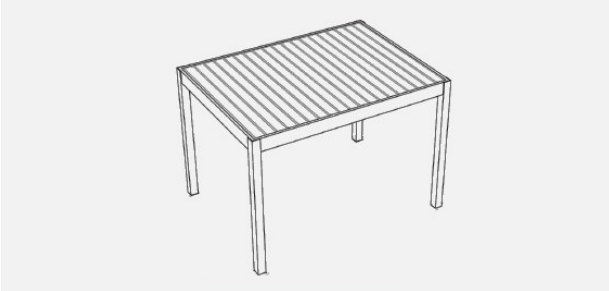
Material	**6063-T5 aluminum**
Standard sizes	**3 × 3 m · 3 × 4 m**
Max. single module	**5 × 6 m (4 posts)**
Standard heights	**2.5 · 2.8 · 3.0 m**
Post	**170 × 170 mm · 2.8 mm**
Blade	**180 × 35 mm · 2.2 mm**
Beam	**225 × 50 mm · 2.0 mm**
Combinations	**Standard 3×3 / 3×4 · seamless 6×8 · custom 8×4**
Motor	**Waterproof IP67**
Remote	**16-channel remote**

White Gray Coffee

01

Installation styles

Freestanding, attached to one or two walls, or combined in modules: the pergola adapts to the architecture of every space.



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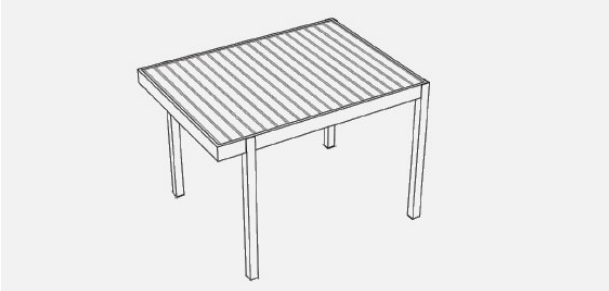

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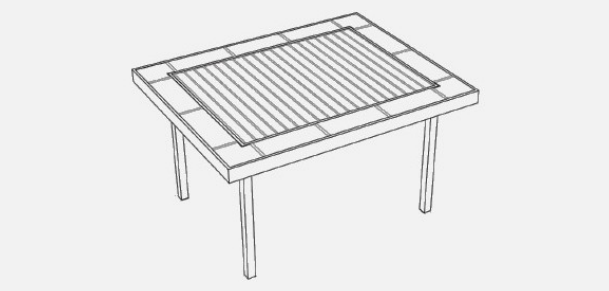

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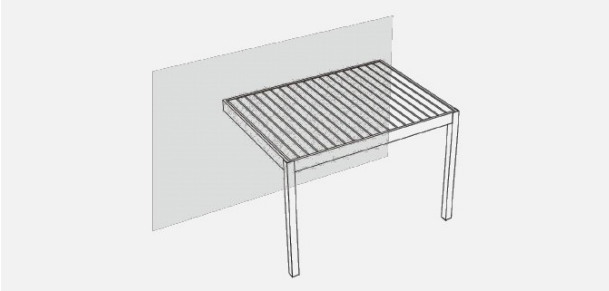

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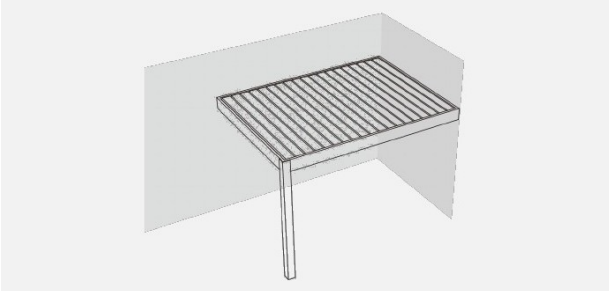

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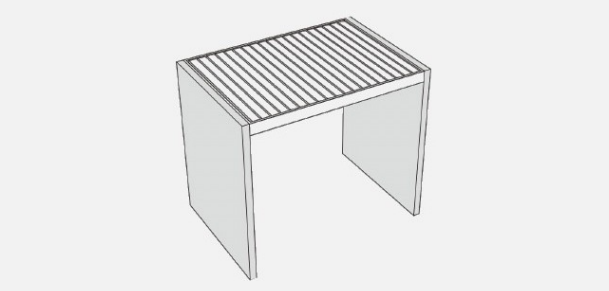

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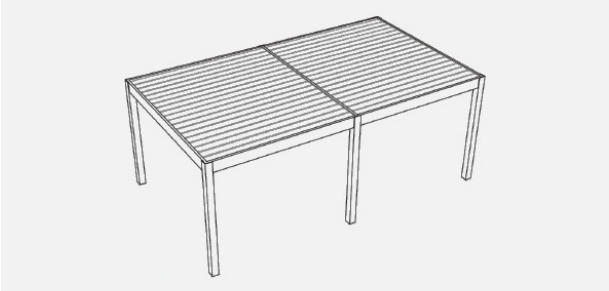

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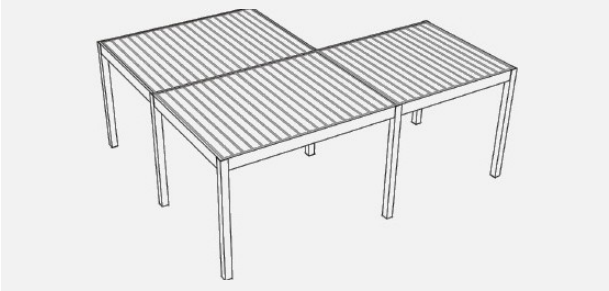

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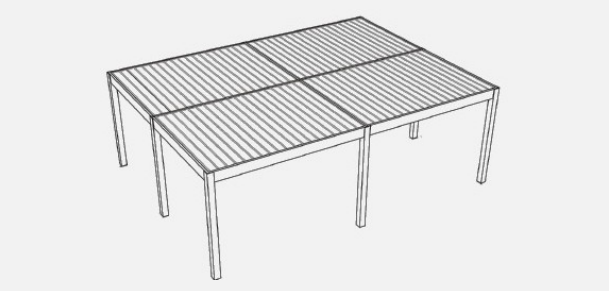

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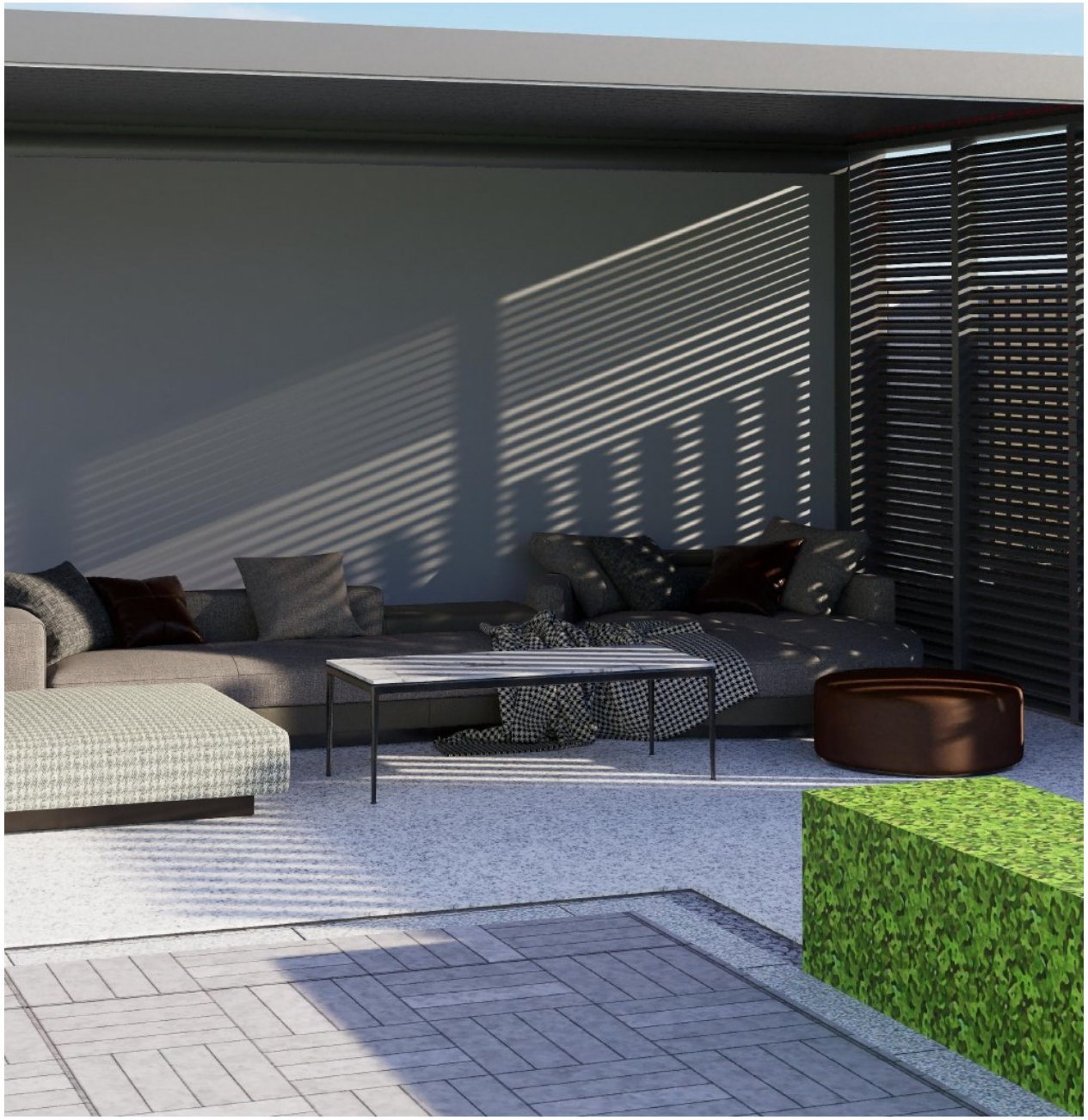


01

Optional add-ons

Personalize your pergola with accessories tailored to your needs.

Motorized side screen
Privacy and solar control with electric operation.

Privacy slat wall
Aluminum slats to enclose and dress the sides.

Aluminum louver shutters
Adjustable ventilation with visual privacy.

Outdoor furniture
Sets to complete the setting.

WPC decking
Low-maintenance deck beneath the pergola.

Sliding glass doors
Glazed enclosure to enjoy year-round.

01

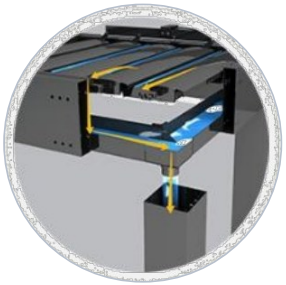
Drainage and weather performance

Snow and wind load. An adjustable louvered roof with integrated gutters provides sun, ventilation or total rain protection. The freestanding structure handles wind and snow with ease, so you can enjoy the garden all year round.



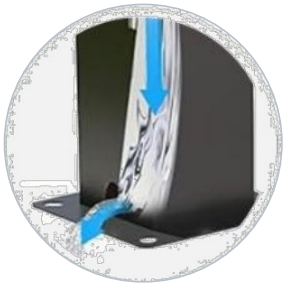
1 · Collect

Rain is captured between the blades.



2 · Guide

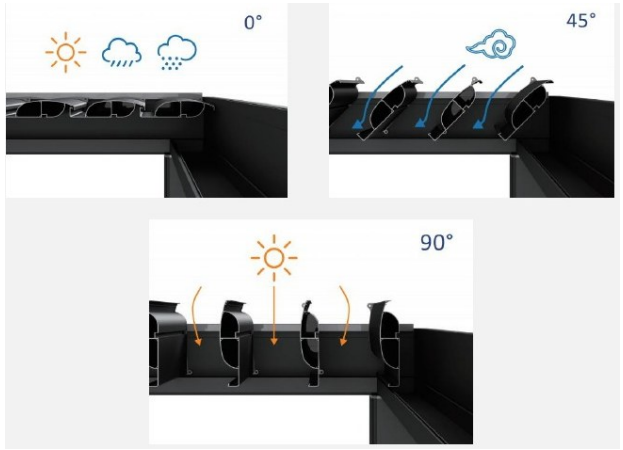
Water travels through concealed channels.



3 · Drain out

Exits through the post, splash-free.





Blade positions

BLADE POSITIONS

0° Fully closed: rain and snow protection.

45° Ventilation with controlled airflow.

90° Fully open: natural light and open sky.

01

Applications

Villas, high-end apartments, seaside terraces and gardens: warm, sophisticated spaces.



Garden patio



Seaside seating



Villa garden



Residential terrace



Pool lounge



Outdoor kitchen

02

Retractable louvered pergola

With the blades fully folded you enjoy the open sky; closed, they block direct sun and keep rain out. Built entirely from aluminum, it resists harsh weather and is strong and long-lasting.



Group A · 4 posts
up to 4 × 6 m



Group B · 6 posts
up to 8 × 6 m



Group C · 6 posts
up to 12 × 4 m

Material	**High-strength aluminum**
Drain channel	**142 × 55 × 1.5 mm**
Track	**142 × 60 × 2.0 mm**
Blade	**228 × 40 × 1.8 mm**
Edge beam	**250 × 50 × 2.5 mm**
Post	**200 × 200 × 3.0 mm**
Operation	**Electric motor**
Combinations	**Modules combine to size**









03

Retractable fabric roof

A flexible canopy that extends and folds as needed, providing shade and rain protection. Strong, durable and easy to operate, manual or electric, ideal for courtyards, terraces and social areas.

Material	**6063-T5 aluminum**
Fabric	**Polyester + PVC**
Dimensions	**Unlimited width; max. module 4.5 × 8 m**
Crossbar spacing	**450 – 500 mm**
Rail	**130 × 70.2 × 2.3 mm**
Gutter	**150 × 130.3 × 2.5 mm**
Big / small crossbar	**80 × 65.2 × 1.4 / 65.2 × 39.5 × 1.4 mm**
Column	**144 × 102 × 2.0 mm**
Synchronous belt	**Reinforced with 14 steel wires**
Lighting	**Integrated LED strip**

Beige · White · Gray

Mounting: single post · independent supports · wall-mounted · double frame on ground supports.

03

Applications

Seaside dining, courtyards, balconies and terraces: comfort and style for any occasion.



Beachside dining



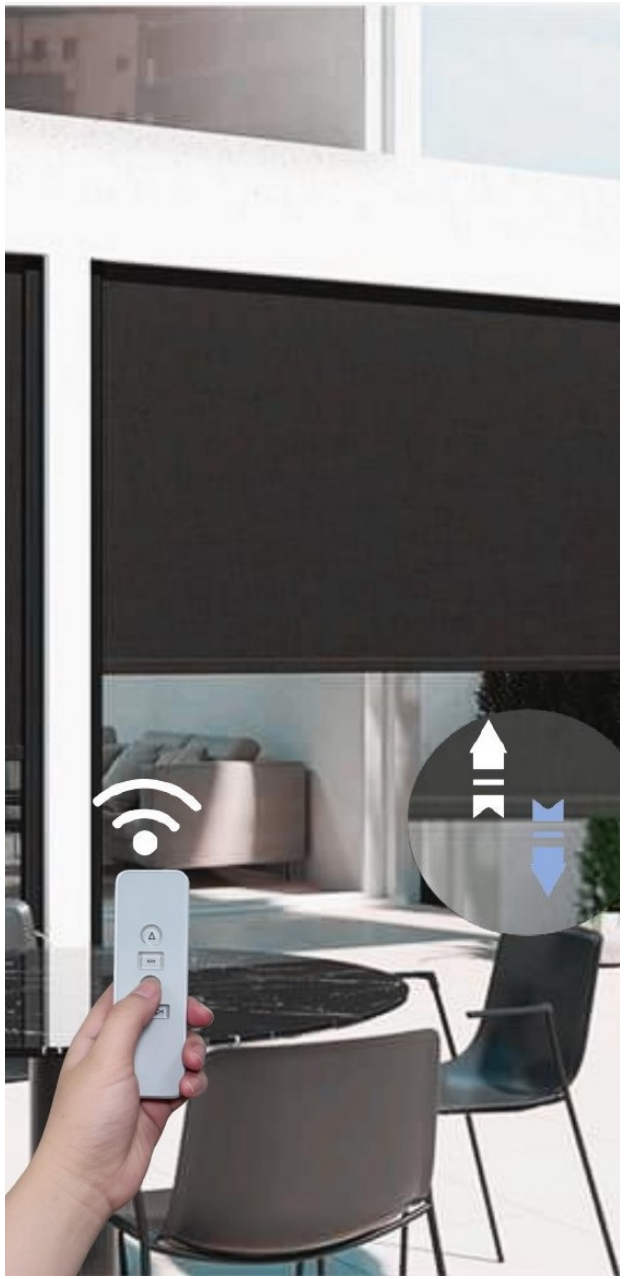












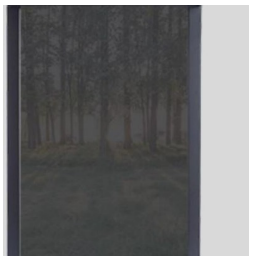
04

Zip Screen roller shades

Windproof roller shades that stop at any desired height. They add privacy without blocking the view and improve comfort in residential and commercial spaces.

Fabric	**Polyester fiber + PVC**
Features	**Flame retardant, anti-aging, anti-stretch, resistant to high/low temperatures and corrosion**
Color fastness	**ISO 105 B2:2014 · Grade 8**
Width	**700 – 6000 mm**
Height	**500 – 5600 mm**
Custom sizes	**Available on request**
Mounting	**External or interior mounting**
Operation	**Tubular motor with remote control**

White · Gray · Coffee · Black



5%



30%

LIGHT TRANSMITTANCE

Two fabric openness levels (5% and 30%) to balance natural light and privacy.

04

Applications

Terraces, pools, porches and social areas: privacy, shade and wind protection.















05

Full cassette awnings

Fully enclosed, compact and precise design. Smooth side covers available in many colors for personalized combinations.

Width (single)	**2 – 7 m**
Projection	**1.5 – 3.5 m**
Max. single size	**6 m wide × 3 m projection**
Adjustable angle	**5° – 45°**
Roller tube	**69.6 mm**
Box lid	**170 × 149 mm**
Front tube	**140 × 92 mm**
Folding arm	**78 × 38 mm · 1.5 mm**
Fabric	**100% dyed acrylic, colorfast up to 8 years**
Motor	**Silent motor with smart remote control**
Profile color	**Standard luxury gray; custom colors on request**
Mounting	**Wall or ceiling (custom)**

AVAILABLE SIZES (m)

Proj. \ Width	2	2.5	3	3.5	4	4.5	5	5.5	6
1.5	●	●	●	●	●	●	●	●	●
2			●	●	●	●	●	●	●
2.5				●	●	●	●	●	●
3					●	●	●	●	●
3.5						●	●	●	●



05

Applications

Restaurants, cafés, villas, apartments and guesthouses: elegant shade with electric operation.





Coffee shop





Mansion



Patio

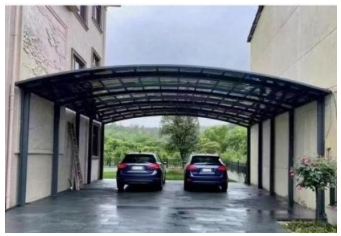


06

Aluminum carports & canopies

All-weather protection for your vehicle that also elevates the outdoor space. Suitable for homes, buildings and public parking.









Front frame	**70 × 60 × 1.5 mm**
Side frame	**70 × 60 × 2.5 mm**
Secondary frame	**40 × 40 × 1.2 mm**
Column	**156 × 86 × 3.6 mm**
Curved beam	**110 × 62 × 2.8 mm**
Drainage gutter	**75 × 70 × 1.5 mm**
Panels	**Imported polycarbonate: impact- and heat-resistant, UV protected**

White · Gray · Coffee

PANEL COLOR · TRANSLUCENCY / UV PROTECTION

Clear	90%	50%
Tea	70%	70%
Lake blue	70%	70%
Light gray	80%	70%
Medium gray	50%	80%
Dark gray	30%	90%



06

Wall-mounted canopies

Curved or straight canopies for balconies, stairs, courtyards, terraces and entrances. Enlarged gutter for rapid drainage, with no pooling or leaks.

Sheet	**2 mm imported polycarbonate**
Rear frame	**62 × 43 × 1.5 mm**
Diaphragm	**36 × 20 × 1.0 mm**
Side frame	**60 × 52 × 1.5 mm**
Central skeleton	**80 × 52 × 1.5 mm**
Column	**70 × 70 × 2.0 mm**
Enlarged gutter	**165 × 82 × 2.5 mm**
Downspout	**50 × 50 × 1.0 mm**

AREA CALCULATION

R type (curved front): length × (projection + 0.3 m)
L type (straight front): length × projection

Required measurements: length against the wall, canopy overhang, and height from the mounting point to the ground.

06

Applications

One line for carports, balconies, stairs, courtyards and terraces.



Crossbeam style



Pillar type



Balcony canopy



Stair canopy



Courtyard canopy



Single-arm carport

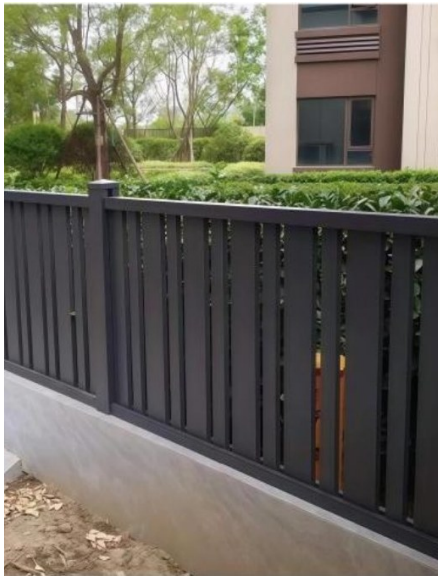
07

Aluminum slat fences

More than a protective barrier, a design piece that adds security and visual appeal. Thick profiles that are easy to clean and resist deformation.

Materials: aluminum · WPC panel · stainless steel.
Components: aluminum post, fencing boards, top and bottom rails, steel holder, WPC gate, decorative trellis and cap.





AVAILABLE STYLES



Semi-sealed



Fully sealed



Spaced



Vertical strip frame



Wide / narrow spacing



Vertical bars



Vertical slat blinds



Horizontal slat blinds

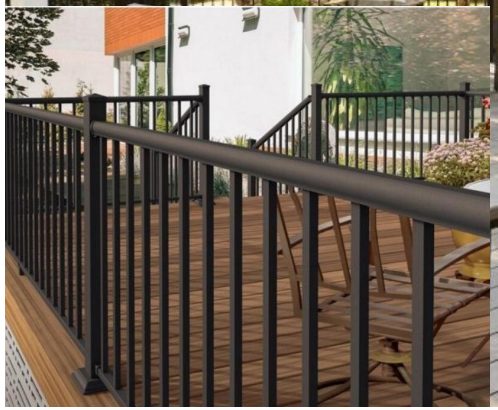


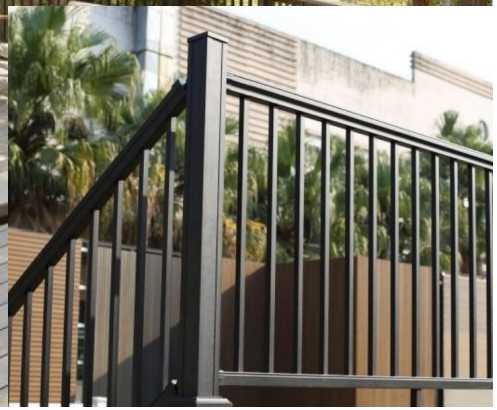
08

Aluminum railings

Railings for balconies, terraces and stairs in aluminum or galvanized steel. Components: top tube, cross bars, posts, base covers and fasteners.







09

Glass railings

1100 mm height with post spacing up to 1200 mm. The transparency of glass makes your space look more spacious and bright: easy to clean, sturdy and deformation-resistant.







10

Outdoor sunshade umbrellas

Light-luxury aluminum umbrellas: elegant shade with durable strength. Wind, UV and corrosion resistant, with an aluminum pole.

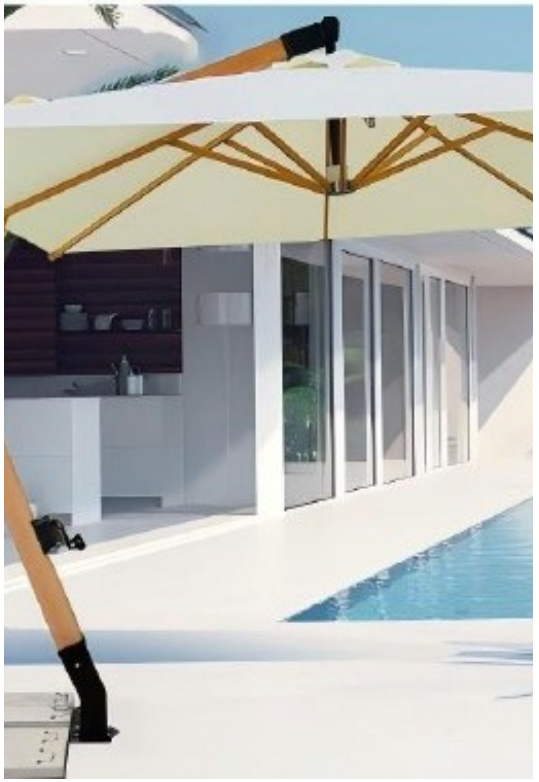
Center pole · round	**2 · 2.5 · 2.7 · 3 · 3.5 · 4 m**
Center pole · square	**2×2 · 2.5×2.5 · 3×3 · 3.5×3.5 m**
Cantilever · round	**2.5 · 2.7 · 3 · 3.5 · 4 m**
Cantilever · square	**2.5×2.5 · 2.7×2.7 · 3×3 · 3.5×3.5 · 4×4 m**
Style	**Single or double top**
Pole	**Glossy silver · wood grain · black**
Bases	**Water · marble · iron plate · H base**











LTF

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Let’s talk about your project so we can offer you a personalized proposal

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