



LUMENAIRE

Outdoor  
Solutions







## At Luminaire we build excellence every day

Using state-of-the-art production infrastructure and rigorous quality controls throughout the entire production process, we achieve the creation of products with superior quality and high added value.

A leader in the design and production of aluminium architectural systems. Our mission is to improve the quality of people's life by enhancing the performance of their buildings, with products of the highest quality, technology and aesthetics.

Our Outdoor product range has been developed precisely in accordance with our vision for excellent architectural systems and offers exceptional top-quality solutions which incorporate advanced technology. Every proposal integrates numerous benefits and can be perfectly combined with each other, as well as with various architectural systems.



## Bioclimatic Pergolas



Bioclimatic pergolas fully motorized to offer controlled sun-shading and airflow, converting your outdoor space into a comfort living experience. Ideal for rain protection and harsh weather resistance.

Option for additional elements, such as sliding glass panels, rolling shading screens, shutters, lighting and heating devices, everything with state-of-the-art automation to fulfill your individual preferences.

## Railings

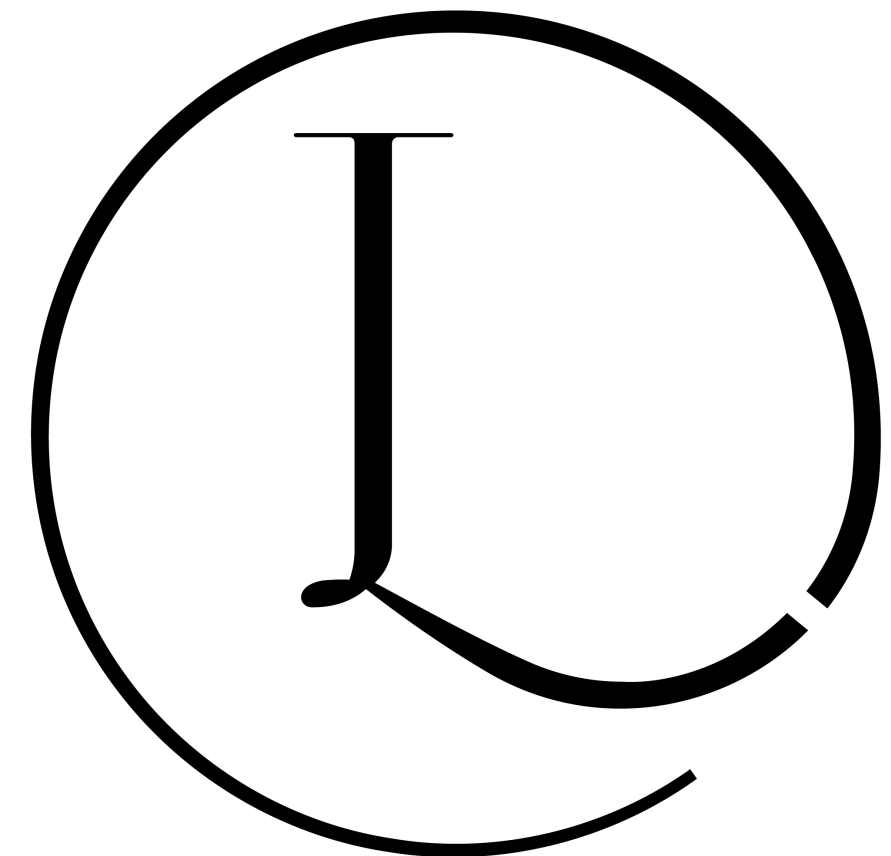


A vast variety of aluminium railings characterized by extreme robustness and enhanced levels of safety. Either inox type or full glass, they offer very attractive structures in full uniformity with all other outdoor solutions.

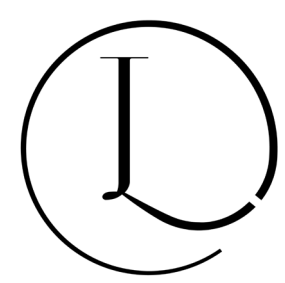
## Fixed Pergolas



Versatile pergola series with fixed louvers for the effective shading and embellishment of your outdoor environment. Whether absolutely minimal or elegantly traditional, the system offers various design options meeting every aesthetic need.







# Pergolas Overview



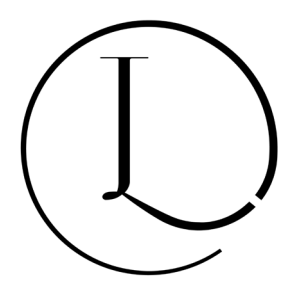
When shading is the main selection criterion, the models CRETA, CORFU, NAXOS and KOS of the PG120F series, offer a wide variety of sturdy and attractive fixed pergolas to create stylish structures.

Moving further to a more sophisticated concept, bioclimatic models MYKONOS, SANTORINI & ITHACA, offer fully automated pergolas for controlled sun shading, effective rain protection and natural ventilation.

For an optimal outcome, combine fixed with adjustable pergolas. Adopt a bioclimatic concept and equip your pergolas with various supplementary elements to create perfect outdoor living conditions. Take advantage of aluminium's unparalleled attributes and provide a modern and timeless design to your outdoor environment.

Enjoy life outdoors





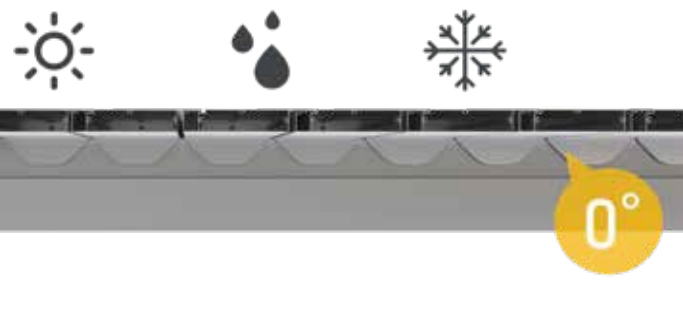
# Bioclimatic Pergolas

More than a shading shelter, a real living space



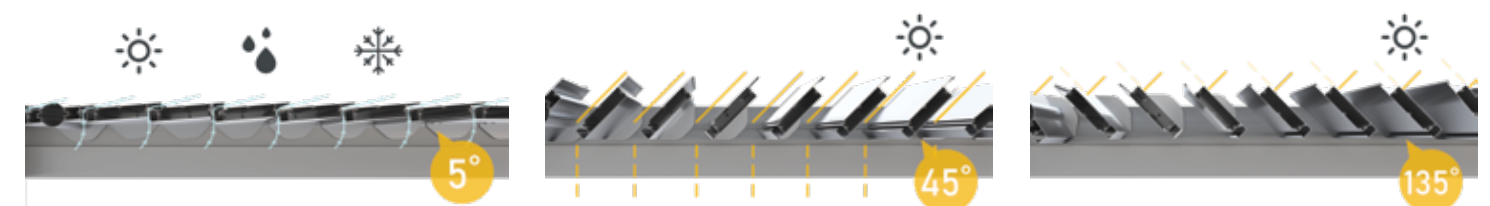
The rotating louvers create a robust and adjustable (0-135°) shutter structure, protecting from sun radiation, regulating brightness and allowing natural ventilation. The sealed louvers can resist high wind loads and protect from heavy rain and snow (up to 300 Kg/m<sup>2</sup> and 2,0 m).

Thanks to the bioclimatic design philosophy, essential parts can be additionally integrated extending your indoor space and creating a new living room to be used all year round

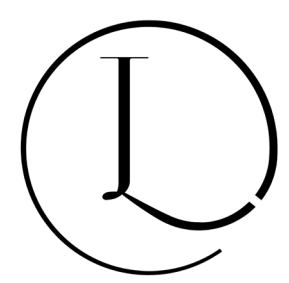


Protection from heavy rain and snow up to  
300 Kg/m<sup>2</sup> & 2,0 m

- / Additional shading, either with special rolling fabric screens or with aluminium sliding shutters.
- / Integrated glass partition system creating pleasant spaces, full of daylight and controlled temperature conditions.
- / LED stripes applied on transoms and louvers, providing sufficient and stylish lighting at night.
- / Infra-red heating, as well as sound devices transform the place into a comfortable lounge.







# Bioclimatic Pergolas

When innovation leads to perfection



## Advanced rotation mechanism

“MYKONOS”, “SANTORINI” & “ITHACA”, our three bioclimatic models, integrate a unique and quiet rotation system, totally concealed, to grant outstanding reliability and flawless operation.

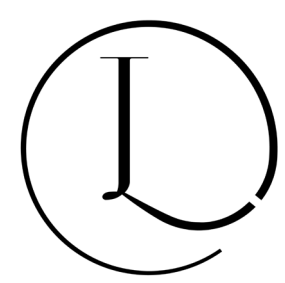
An outstanding minimal design is accomplished thanks also to the totally flat louver-shutter and the complete absence of any visible fixation points. Sturdy enough, the pergolas can cover large surfaces up to 50 m2 surface with only four (4) posts.

## Special water sealing and drainage system

Everything has been designed in detail to prevent potential problems due to rainwater.

- / Sufficient sealing is applied along the entire water path from the shutter down to the posts.
- / The wide dimensions of the perimetrical gutter and the rest of the sections through which the water passes, prevent any water overflow, even in very heavy rain falls.





# Bioclimatic Pergolas

## PG160P Santorini

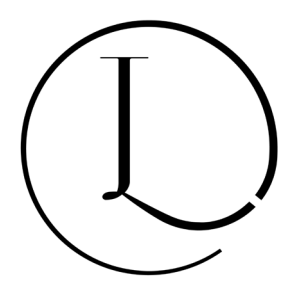
Large spaces converted into a functional and relaxing oasis



SANTORINI model offers extreme robustness and the ability to create large constructions up to 7.5 x 7.5 m, rendering it a superb system beyond the ordinary.

- / In residential use, a yard area of 50 m<sup>2</sup> can be converted into an extraordinary living space, with regulated shading and ventilation.
- / In the case of hotels, restaurants and commercial spaces, multiple structures can cover and efficiently protect large areas with fewer posts, thus allowing placement of many tables underneath, while drainage is done only through the perimetrical posts.





# Bioclimatic Pergolas

## PG120P Mykonos

Smooth and quiet operation for real coziness

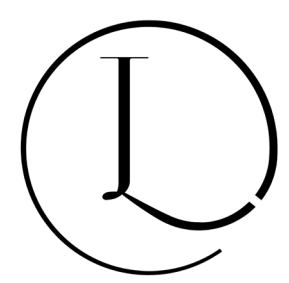


MYKONOS model is more than a classic choice for controlled solar shading and total rain protection. Apart from exceptional functionality, the model is characterized by absolute minimalism and top sturdiness, offering elegant and quite large structures up to 6.2 x 4.5 m.

Simultaneously, the series embraces the bioclimatic philosophy, transforming an uncomfortable outdoor space into a cozy and enjoyable place. The optional bicolor combinations offer a captivating design.

- / Highly functional, concealed and quiet mechanism.
- / Sufficient water sealing and drainage.
- / Absolute minimal design.
- / Structures with top sturdiness.
- / Very large dimensions.





# Bioclimatic Pergolas

## PG115P Ithaca

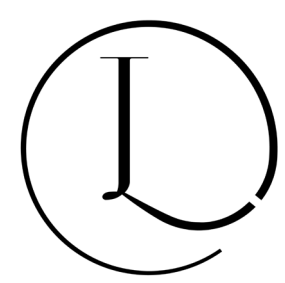
Integrate elegance with premium living



PG115P Ithaca allows the construction of single, medium-sized pergolas, which convert an outdoor space into a comfortable living experience.

- / Minimal design, straight lines and flat surfaces that create an outcome of high aesthetics.
- / Top sturdiness and strong wind-loads resistance.
- / Single constructions of large dimensions, up to 3.0 m height, 4.0 m width and 5.0 m projection.
- / High levels of watertightness and an effective drainage system.
- / Ease of installation thanks to its modular design.





### Glass Sliding System

Take advantage of all the bioclimatic benefits that “SANTORINI” and “MYKONOS” pergola systems offer and surround your pergola with a modern and functional sliding glass system, creating a transparent wall which lets the sun in and keeps the wind out.

- / Stable living conditions.
- / Very high airtightness and wind load resistance.
- / Top sturdiness and reliability.
- / Easy to handle.
- / Minimum aluminium sightlines.



An outdoor place worth living... and not leaving

### Rolling Screens

Thanks to the latest ZIP technology, the stretched rolling fabric screens are very strong and therefore, able to cover large spans without further, in-between, support. Being part of the overall minimal design, the rolling ZIP-screens are totally concealed within the posts.

- / Utilizing a shading fabric, the rolling ZIP-screens provide additional peripheral shading.
- / By applying a fly-screen fabric, the rolling screens protect completely from any irritating insects, without restrains regarding airflow and visual field.





## Equipment & Automation

Fully compatible and state-of-the-art devices, sensors as well as automation systems are available, making our pergolas even more functional and enjoyable. Everything can be controlled and regulated with a single remote control or even a smartphone.



Program shading and have the slats adjusting during the day.



Special sensor which closes the slats immediately in case of a sudden rain or snow.



Wind sensors to avoid any damage in harsh wind cases.



LED stripes can be controlled with the same remote control.



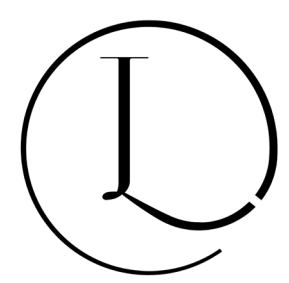
Sound system with Bluetooth technology can be integrated.

## Lighting

The bioclimatic pergolas offer multiple lighting options, sufficient for dinner or relaxing moments during the night.

/ Dimmable LED stripes, placed coplanar in the louver and the transom profiles, provide stylish and adequate lighting.





# Fixed Pergolas

## PG120F

When shading becomes an art



CRETA



NAXOS

A complete range of fixed pergolas for effective shading and aesthetic upgrading of the surrounding environment. Available in four exceptional models, it offers ideal solutions for modern or traditional residences, hotels, dining and recreation areas.

### CRETA

The epitome of minimal aesthetics

### NAXOS

Traditional design of timeless value

### CORFU

An ultra-modern proposal

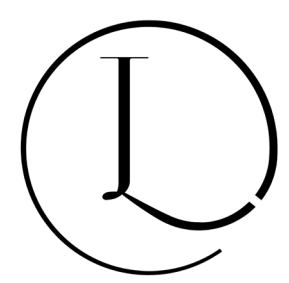
### KOS

Shading & water protection in style



KOS





# Fixed Pergolas

## PG120F

Enjoy the daylight, enjoy life



CRETA

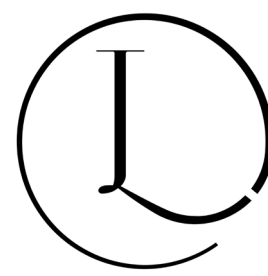
- / Very clear lines with no visible connection points for a totally minimal effect.
- / Extreme robustness to resist intense wind turbulence and allow very large dimensions (4.80 x 6.0 m).
- / Top quality surface coating and anodising for outstanding durability, especially in seaside areas.

The fixed pergolas can be upgraded further by integrating additional equipment, such as vertical ZIP-screen, horizontal shading fabrics, polycarbonate and glass panels, spotlights and speakers, reeds etc.

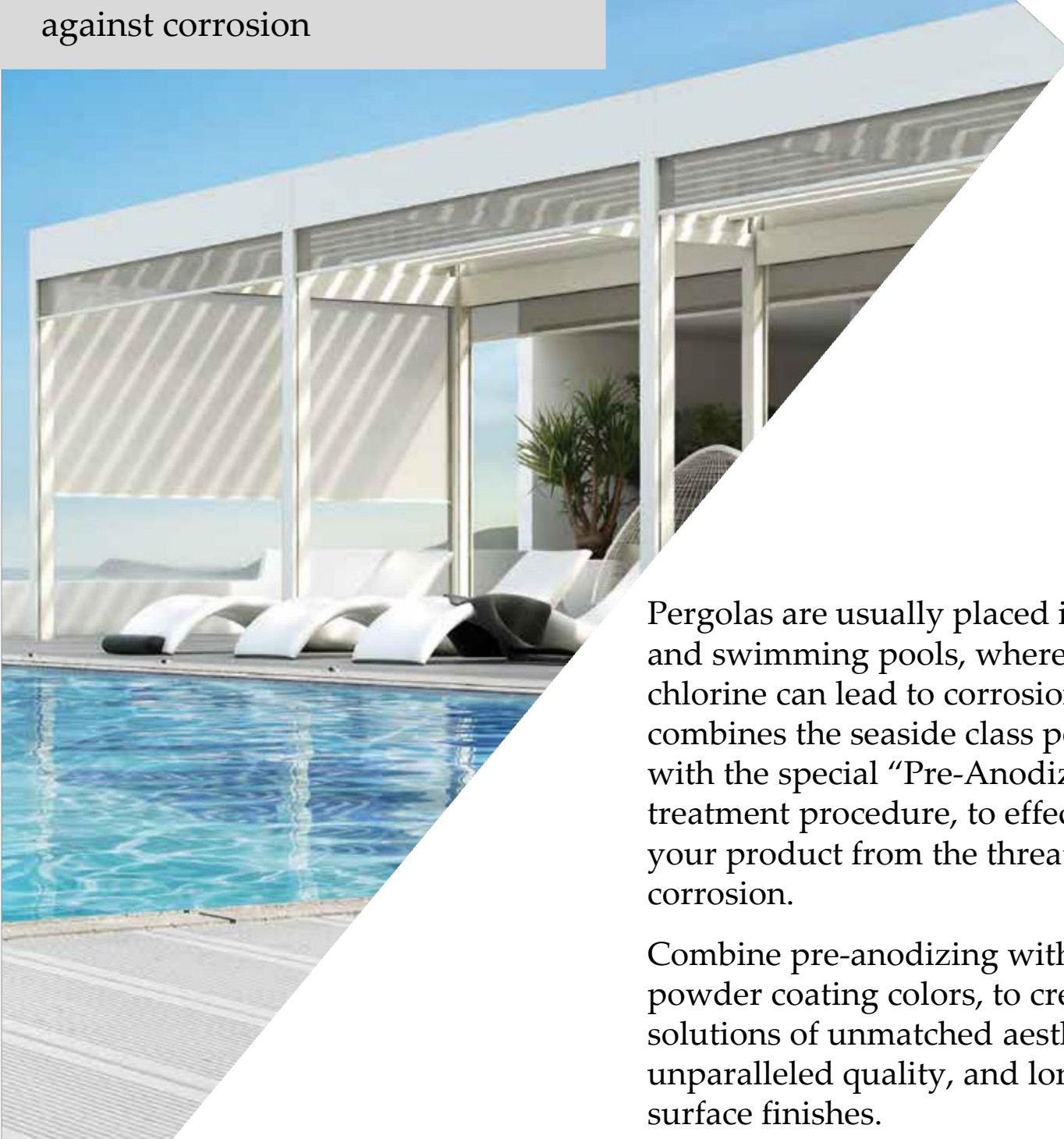


CORFU





Pre-anodizing for real protection  
against corrosion



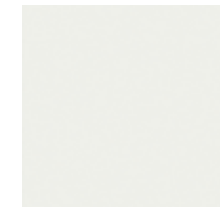
Pergolas are usually placed in coastal areas and swimming pools, where salt and chlorine can lead to corrosion. Luminaire combines the seaside class powder coating with the special “Pre-Anodizing” surface treatment procedure, to effectively protect your product from the threat of “filiform” corrosion.

Combine pre-anodizing with our unlimited powder coating colors, to create architectural solutions of unmatched aesthetics, unparalleled quality, and long-lasting surface finishes.

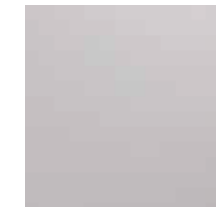
## Color Index

Super durable powder coating

Super durable matt colors (Class 2)



RAL 9016 Matt  
D2525 - YA216F



RAL 9006 Matt  
D2525 - YW206F



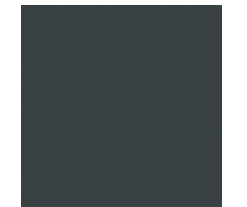
RAL 1013 Matt  
D2525 - YD813F



RAL 7022 Matt  
D2525 - YL280F



RAL 8014 Matt  
D2525 - YM257F



RAL 7016 Matt  
D2525 - YL216F

Super durable textured colors (Class 2)



RAL 9016 Structura  
YA316F



RAL 9006 Structura  
Y2328F



RAL 1013 Structura  
YD313F



RAL 7022 Structura  
YL322F



RAL 8014 Structura  
YM314F



RAL 7016 Structura  
YL316F

## Top quality surface treatment and infinite color range





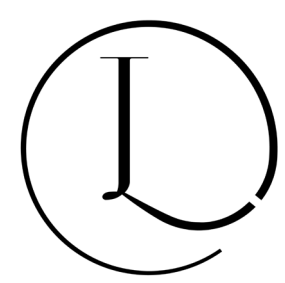


Our railing systems offer constructions of extreme sturdiness and enhanced safety, requiring low maintenance.

Combined perfectly with the rest of our architectural systems, the M8200 & M8100 railings provide very elegant and versatile solutions, simple or more complex, for commercial and residential use, for patios and surroundings, as well as for balconies and stairs.

Excellent railing solutions which meet the most demanding needs





# Railings



## Top safety with a sense of luxurious freedom

The M8200 series is a top-quality proposal for robust glass railing structures without mullions, which increase visibility and natural lighting and upgrade the overall building aesthetics. It is an ideal solution for modern residences, hotels and shopping centers, public buildings and surrounding areas.



### M8200

On-floor with extreme robustness.



### M8207

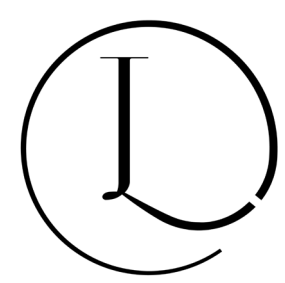
On-floor with top sturdiness and smart features.



### M8209

Light weight on-floor solution.





# Railings



## Unparalleled benefits

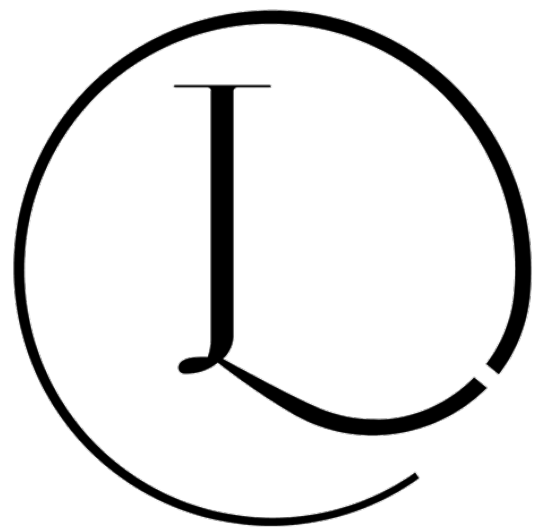
- / High aesthetics and minimalistic design.
- / Extensive variety of technical solutions and surface finishes.
- / Outstanding safety levels and extreme robustness, up to 4,0 KN/m.
- / Large dimensions in terms of height and total length.
- / No glass alignment issues, with or without handrail.
- / Very easy and fast installation.

## Technical features

- / On-floor, side-mounted, in-floor and curved.
- / Various base profiles available to meet all needs.
- / Continuous profiles with enhanced glass holding.
- / Compatible with laminate tempered glass of various thickness (12+12, 10+10, 8+8, 6+6 and 5+5 mm).
- / Various handrails (i.e. round, oval, square and flat).
- / Sophisticated sealing and drainage system.
- / LED application possible.







# LUMINAIRE

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