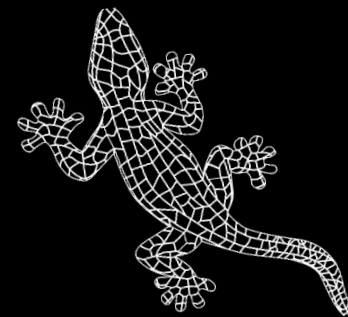
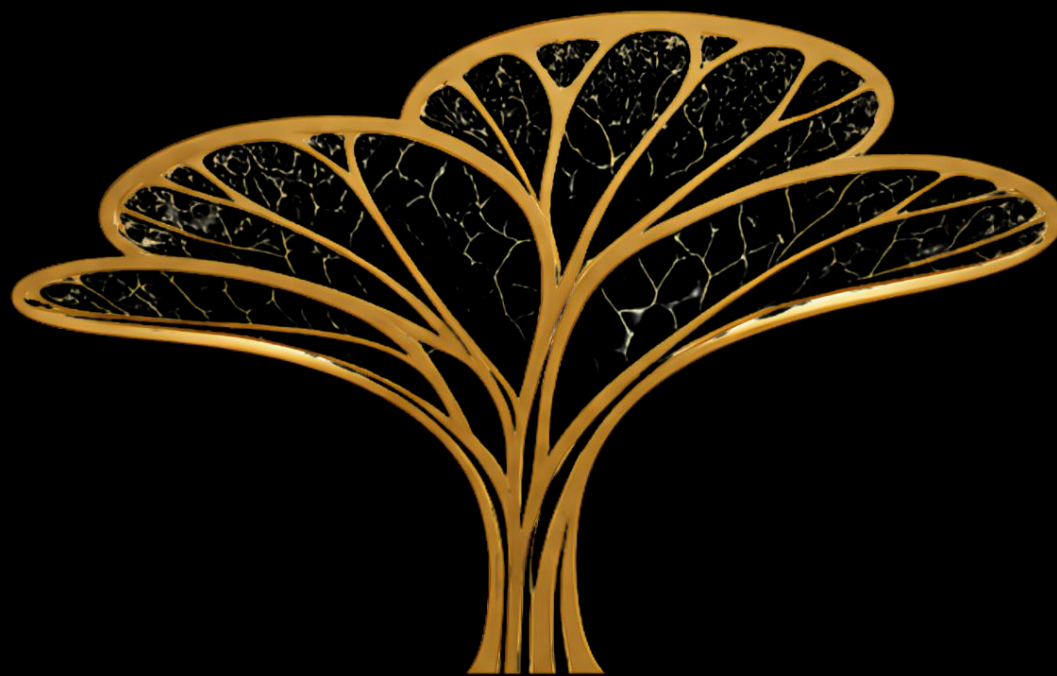




FLORIUMTM

Sculptural Shades Inspired By Nature



Sculptural Shades Inspired By Nature
Architectural Shade Structures That Transform Outdoor Spaces into Landmarks

Imagine Beyond Shade

Florium Shades® is the sculptural shade systems brand of **ARINFA**, created for architects, developers, landscape designers and visionary clients seeking to redefine outdoor architecture.

Inspired by nature and engineered through advanced parametric design, Florium transforms functional shade structures into iconic architectural destinations that combine beauty, comfort and innovation.

Whether placed within luxury resorts, marinas, hotels, public plazas, parks, beachfront destinations or commercial developments, every Florium installation is individually designed to create unforgettable outdoor experiences



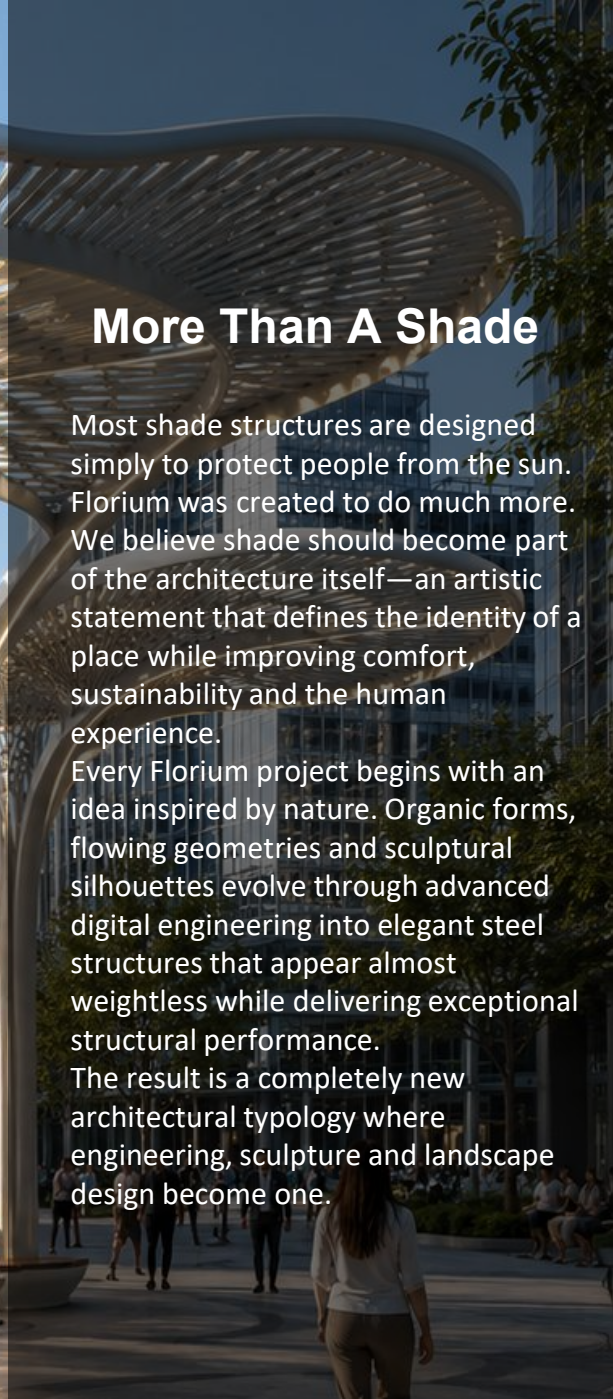


More Than A Shade

Most shade structures are designed simply to protect people from the sun. Florium was created to do much more. We believe shade should become part of the architecture itself—an artistic statement that defines the identity of a place while improving comfort, sustainability and the human experience.

Every Florium project begins with an idea inspired by nature. Organic forms, flowing geometries and sculptural silhouettes evolve through advanced digital engineering into elegant steel structures that appear almost weightless while delivering exceptional structural performance.

The result is a completely new architectural typology where engineering, sculpture and landscape design become one.



About Frorium

Florium Shades® is the premium architectural shade systems brand of **ARINFA**, an international company specializing in innovative architectural products, advanced composite technologies and bespoke design solutions.

Working with architects, landscape architects, developers, municipalities, hospitality groups and urban planners across Europe, the Middle East and beyond, ARINFA delivers highly engineered architectural products that combine creativity, precision engineering and exceptional craftsmanship.

Florium represents ARINFA's vision for the future of outdoor architecture—where shade structures become destinations rather than infrastructure.





Why Florium?

Designed to Inspire

Every Florium shade structure is individually engineered to respond to its environment, project requirements and architectural vision. Unlike conventional tensile structures or repetitive steel canopies, Florium creates signature installations that enrich public spaces while providing comfortable shade throughout the year. Florium structures can be designed for:

- Luxury Hotels & Resorts
- Beach Clubs
- Marinas
- Public Parks
- Urban Plazas
- Commercial Developments
- Mixed-Use Projects
- Rooftop Terraces
- Restaurants & Cafés
- Waterfront Developments
- Cultural Destinations
- Universities
- Corporate Campuses
- Private Villas

Nature as Inspiration

Every Florium design begins by observing nature. The elegant movement of leaves. The geometry of flowers. The rhythm of ocean waves. The branching of trees. The structure of shells. The balance found throughout natural ecosystems. Rather than copying nature, Florium translates these principles into contemporary architectural forms that feel timeless, elegant and emotionally engaging. This philosophy of biomimetic design allows every installation to become unique while maintaining harmony with its surroundings..



FLORIUM SHADES

Florium Shades® are a new generation of architectural shade structures that transcend the traditional concept of canopies, pergolas, and tensile shades. Inspired by the elegance of flowers, trees, coral formations, and natural organic geometries, Florium Shades are conceived as functional architectural sculptures that provide shade, light, identity, and destination value within a space.

The name **Florium** originates from the Latin word *Flora*, representing nature, growth, and beauty. Just as a flower creates a focal point within a landscape, Florium Shades are designed to become visual landmarks that enrich their surroundings and create memorable experiences for visitors.

Unlike conventional shade structures that serve a purely functional purpose, Florium Shades merge architecture, art, engineering, and nature into a single iconic element.



NATURA NEXUS

Florium Natura Nexus is a visionary shade structure that merges the elegance of natural growth with advanced architectural design. Rising from slender, illuminated columns, each canopy expands into an asymmetrical organic form inspired by the intricate structure of leaves. The canopy surface features a delicate network of vein-like patterns that radiate outward from the central support, creating a lightweight yet visually striking expression of nature's engineering.



NEBULA CROWN

THE FLORIUM PHILOSOPHY

Florium Shades are based on the principles of **Organic Architecture**—a design philosophy that seeks harmony between built environments and the natural world. Their flowing forms, branching supports, biomorphic patterns, and sculptural canopies emulate natural systems found in:

- Trees and forest canopies
- Flowers and petals
- Mushrooms and fungi
- Coral reefs
- Cellular structures
- Leaf venation patterns
- Natural branching networks

The result is an architectural language that feels both futuristic and timeless.

Florium Nebula Crown is a striking shade structure that transforms the beauty of celestial geometry into an elegant architectural landmark. Elevated on a sculpted central column, the canopy expands into a broad circular crown composed of intricate interconnected patterns that appear both organic and mathematical. The open latticework creates a delicate balance between transparency and shelter, allowing light, air, and views to flow freely through the structure.

MORE THAN A SHADE

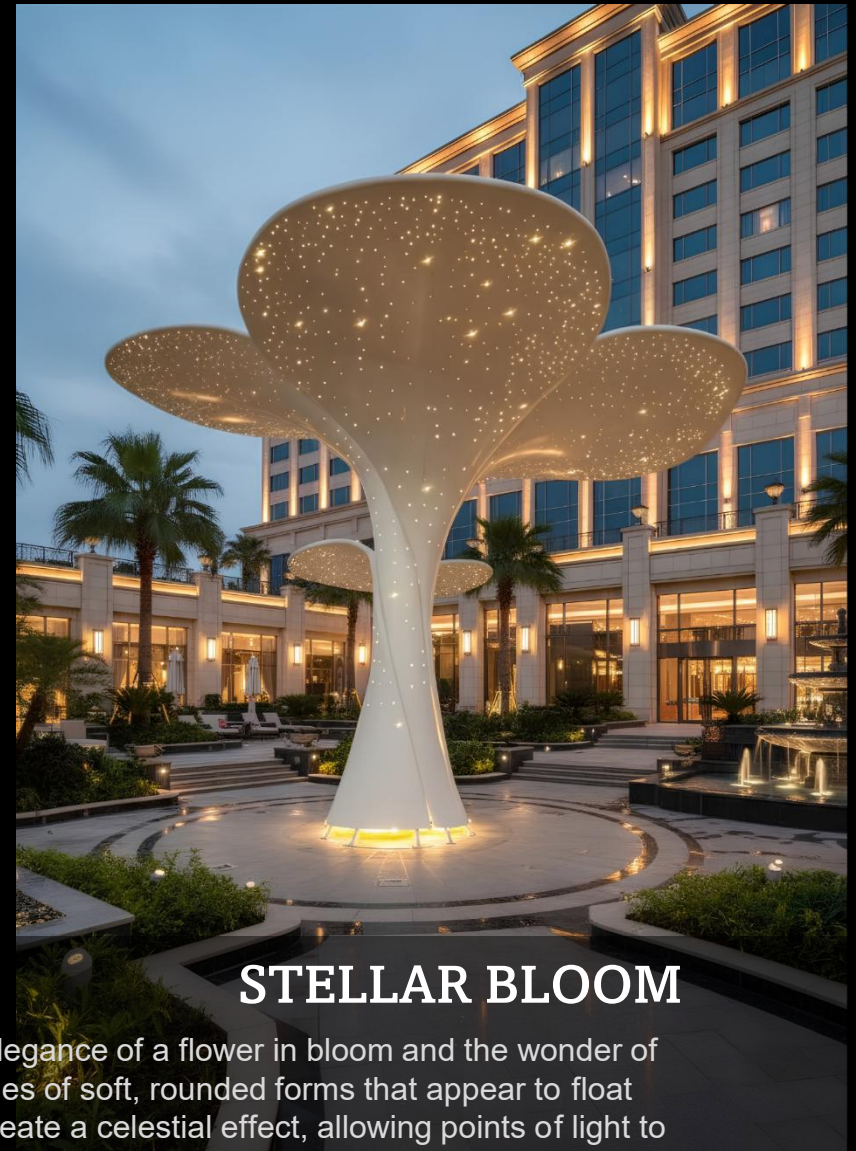
A Florium Shade is not merely a shelter.

It is:

- An architectural landmark
- A gathering space
- A social destination
- A lighting feature
- A placemaking element
- A branding statement

By day, Florium Shades provide elegant protection from sun and weather while casting dynamic shadows that continuously change throughout the day.

By night, integrated lighting transforms the structures into illuminated sculptures that create atmosphere, identity, and visual drama.



STELLAR BLOOM

Florium Stellar Bloom is a refined architectural shade structure that captures the elegance of a flower in bloom and the wonder of a starlit sky. Rising from a graceful sculpted column, the canopy unfolds into a series of soft, rounded forms that appear to float effortlessly above the landscape. Thousands of carefully integrated perforations create a celestial effect, allowing points of light to sparkle across the surface like stars scattered across the night sky.



LUMEN BLOOM

Florium Lumen Bloom is a sculptural shade system that reimagines the elegance of flowering plants through a contemporary architectural lens. Elevated on slender branching columns, each canopy unfolds like a luminous leaf or blossom, creating a floating garden above the landscape. The perforated metal surfaces are carefully patterned to filter sunlight during the day and radiate a warm, ambient glow at night, transforming the space into an inviting urban oasis.

APPLICATIONS

Florium Shades are suitable for a wide variety of prestigious developments, including:

Hospitality & Resorts

- Luxury hotels
- Beach resorts
- Poolside lounges
- Outdoor restaurants
- Spa gardens
- VIP cabanas

Mixed-Use Developments

- Residential communities
- Retail promenades
- Lifestyle destinations
- Waterfront developments
- Public plazas

Public Realm Projects

- Parks and gardens
- Cultural districts

- Museums
- Urban boulevards
- Pedestrian walkways
- Civic spaces

Commercial & Corporate

- Headquarters campuses
- Entrance plazas
- Courtyard spaces
- Rooftop terraces
- Outdoor meeting areas

Entertainment & Tourism

- Theme parks
- Exhibition centers
- Event venues
- Amphitheaters
- Tourist attractions

FLEXIBLE DESIGN POSSIBILITIES

Each Florium Shade can be uniquely designed in terms of:

- Geometry
- Height
- Span
- Materiality
- Patterning
- Lighting effects
- Color finishes

No two Florium installations need ever be identical.



AURORA

Florium Aurora Canopy is an immersive shade structure inspired by the ethereal beauty of light filtering through nature and atmosphere. The design features a collection of large, organic, petal-like canopies suspended above the landscape, creating a floating ceiling of iridescent color and reflection. During the day, the translucent surfaces capture and refract sunlight, producing shifting patterns of color and shadow across the ground. At dusk and night, integrated illumination transforms the canopy into a luminous sculpture, bathing the space in vibrant hues that evoke wonder, discovery, and connection.



SOLSTICE WEAVE

Florium Solstice Weave is a contemporary shade structure that transforms sunlight into a living architectural experience. Composed of an intricate network of geometric, faceted panels, the canopy appears to float overhead like a woven tapestry suspended in the air. The translucent mesh surfaces, rendered in warm golden and natural earth tones, filter daylight to create a dynamic interplay of light, shadow, and texture below.

MATERIALS & TECHNOLOGY

Florium Shades can be manufactured using a variety of advanced architectural materials, including:

- Stainless steel
- Aluminum
- GFRC
- GFRP
- UHPC
- Structural steel
- ETFE systems
- Glass
- Composite materials
- Perforated metal panels
- Parametric façade systems

Integrated technologies may include:

- Architectural LED lighting
- Smart lighting controls
- Interactive lighting systems
- Solar energy generation
- Audio integration
- Environmental sensors

A NEW ARCHITECTURAL TYPOLOGY

Historically, architecture has recognized elements such as pergolas, gazebos, pavilions, and canopies.

Florium introduces a new architectural typology.

A Florium is neither a building nor a conventional shade structure. It is a sculptural architectural organism that combines shelter, art, technology, and nature into a single experiential destination.

As cities, resorts, and public spaces increasingly seek iconic experiences and memorable identities, Florium Shades represent the evolution of outdoor architecture—where structure becomes sculpture, shade becomes experience, and nature inspires innovation.



HALO GROVE

Florium Halo Grove is a refined shade structure inspired by the harmony of nature and modern design. Rising gracefully from slender columns, each canopy expands outward into a broad circular form, creating the appearance of elegant trees with radiant crowns. The sculpted geometry combines smooth, flowing surfaces with delicate perimeter rings, producing a light and airy architectural presence that complements both natural and urban landscapes.



BIOMIMICRY IN ARCHITECTURE

Learning from Nature's Intelligence

Nature has spent millions of years refining structures that are efficient, resilient, and beautiful. Florium Shades embrace the principles of biomimicry by translating natural forms, patterns, and growth systems into architectural solutions.

From the branching of trees and the venation of leaves to cellular networks and coral formations, each Florium design is inspired by nature's ability to create maximum performance with minimum material.

By studying these natural systems, Florium delivers structures that are both visually striking and structurally efficient, bringing the intelligence of nature into the built environment.

Florium Celestia Grove is a landmark shade pavilion inspired by the elegance of nature's most intricate forms. Rising from sculpted, branching columns, each expansive canopy unfolds like a luminous crown suspended above the landscape. The organic perforation pattern flows seamlessly from trunk to canopy, creating the impression of a living structure shaped by growth, light, and time.

PLACEMAKING THROUGH ICONIC DESIGN

Creating Destinations, Not Just Spaces

Great architecture does more than provide function—it creates memorable places.

Florium Shades transform ordinary outdoor areas into destinations that attract people, encourage interaction, and generate emotional connections. Whether located in a luxury resort, public plaza, waterfront promenade, or urban park, a Florium installation becomes a recognizable landmark that defines the identity of its surroundings.

These sculptural forms create spaces people remember, photograph, share, and return to.



ELYSIAN CANOPY

Florium Elysian Canopy is an iconic architectural shade structure that evokes the beauty of a living forest transformed into a work of art. A cluster of elegant, branching columns rises from the ground and seamlessly expands into sweeping circular crowns, creating a sculptural canopy that appears to bloom from the landscape itself. The intricate perforated pattern flows continuously from base to canopy, producing a sense of organic growth and structural harmony.



PALMARA CROWN

Florium Palmara Crown is a sophisticated shade structure that captures the graceful movement of tropical palms through a contemporary architectural expression. Elevated on elegantly branching columns, each canopy unfolds into a sweeping, asymmetrical crown composed of finely crafted linear ribs and geometric latticework. The dynamic form creates a sense of motion, as though each structure is responding to the breeze and sunlight of its surroundings.

THE ART OF LIGHT AND SHADOW

Architecture in Constant Motion

Light is one of architecture's most powerful materials.

The intricate geometries of Florium Shades create dynamic patterns of light and shadow that evolve throughout the day. As the sun moves across the sky, the space beneath the canopy continuously transforms, creating unique visual experiences and enhancing outdoor comfort.

At night, integrated lighting reveals the structure's sculptural beauty, turning each Florium into an illuminated work of art.

ORGANIC STRUCTURAL ENGINEERING

Where Beauty Meets Performance

Behind every Florium Shade lies advanced engineering inspired by natural systems.

The flowing geometries and branching structures are carefully engineered to distribute loads efficiently while maintaining visual lightness and elegance. Every component works together as part of an integrated structural organism.

The result is a balance between architectural expression and engineering performance that allows Florium to achieve large spans, minimal support points, and distinctive sculptural forms.



Florium Aurelia Veil is a fluid architectural shade pavilion inspired by the graceful movement of fabric shaped by wind and light. Composed of a series of interconnected tensile forms, the structure appears to float effortlessly above the landscape, creating a sculptural canopy that is both elegant and inviting. Its sweeping curves and soft organic geometry evoke a sense of motion, transforming a functional shade solution into a striking architectural statement.



SUNSET HALO

Florium Sunset Halo is a sophisticated architectural shade and lighting system designed to elevate premium waterfront, hospitality, and lifestyle destinations. Characterized by its elegant trumpet-shaped form, the structure rises gracefully from the landscape before expanding into a luminous circular canopy that appears to float above guests. Its seamless geometry and soft illumination create a striking visual identity that transforms outdoor environments into memorable social destinations.

DAYTIME LANDMARK, NIGHTTIME SCULPTURE

A 24-Hour Architectural Experience

Florium Shades are designed to transform throughout the day. During daylight hours they provide shade, comfort, and visual interest while enhancing the surrounding landscape. After sunset, integrated architectural lighting brings the structure to life, creating dramatic focal points and unforgettable nighttime environments.

This dual identity allows Florium to become a destination both day and night.

SUSTAINABILITY BY DESIGN

Enhancing Environmental Comfort

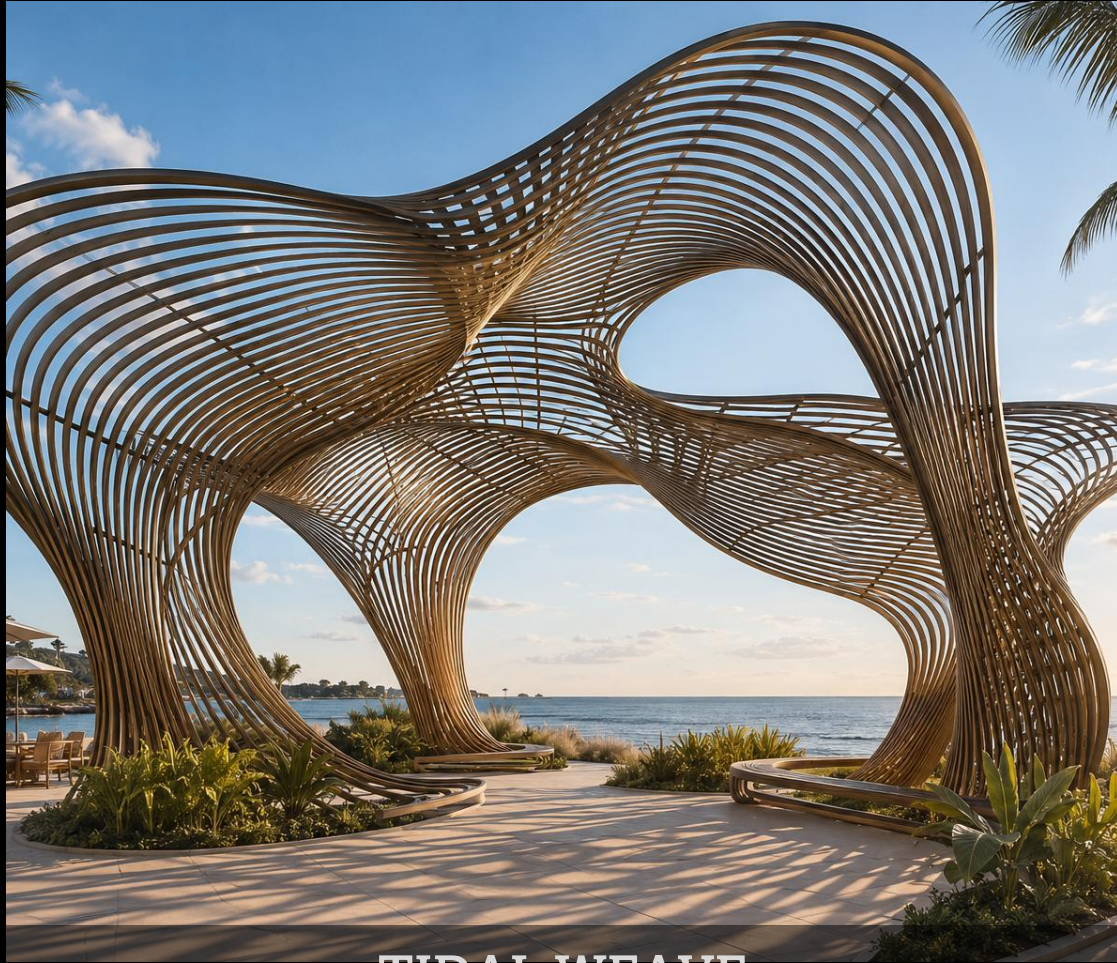
Florium Shades contribute to more sustainable and comfortable outdoor environments.

By reducing direct solar exposure, lowering surface temperatures, and improving user comfort, Florium structures support the creation of livable public spaces. Their lightweight geometries optimize material use while their modular design allows future adaptation and expansion. Optional integrations such as solar panels, smart lighting systems, and rainwater harvesting further enhance environmental performance.



ZEPHYR WAVE

Florium Zephyr Wave is a sculptural shade structure inspired by the fluid movement of wind across water and the graceful forms found in nature. Defined by its sweeping, continuous curve, the canopy appears to rise effortlessly from the ground before extending outward in a dynamic gesture that creates both shelter and visual drama. The lightweight perforated surface enhances the feeling of movement, allowing sunlight to filter through while maintaining an open connection to the surrounding landscape.



TIDAL WEAVE

Florium Tidal Weave is a breathtaking architectural shade pavilion that captures the fluid beauty of nature through a continuous network of flowing structural ribs. The canopy emerges from the landscape as a seamless composition of twisting curves and sweeping arches, creating a sculptural form that appears to be shaped by wind, water, and time. Unlike traditional shade structures, Tidal Weave blurs the boundary between architecture and art, creating an immersive environment rather than a simple shelter.

PARAMETRIC DESIGN FREEDOM

Unlimited Architectural Expression

Every Florium Shade begins with an idea and evolves through advanced computational design.

Parametric modeling allows each structure to be tailored to its specific site, climate, function, and architectural vision. Shapes, patterns, spans, heights, and lighting effects can all be customized without compromising structural integrity.

This design freedom ensures that every Florium installation is unique and site-specific.

THE FUTURE OF OUTDOOR ARCHITECTURE

A New Language of Shelter

As cities and destinations evolve, outdoor environments are becoming increasingly important.

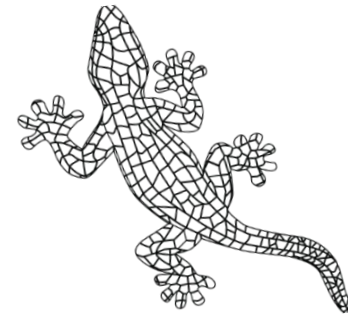
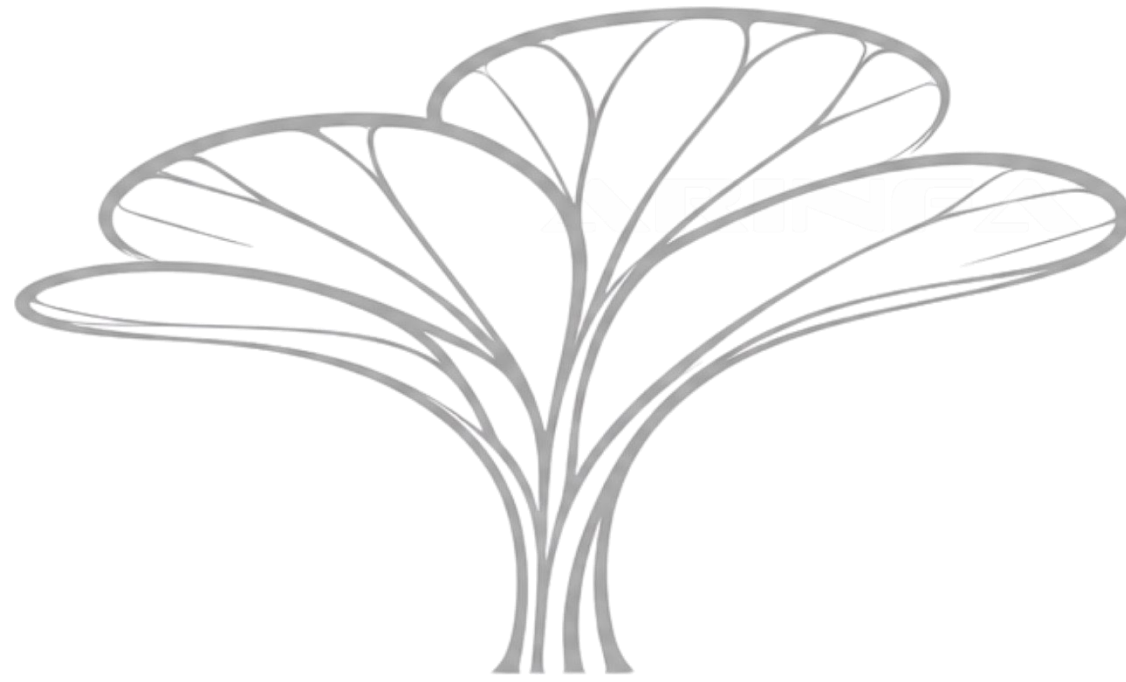
Florium represents a new generation of architectural shelter—one that combines nature, technology, art, and engineering into a single integrated experience. It redefines how people interact with public spaces, hospitality environments, and urban landscapes.

More than a structure, Florium is a vision for the future of outdoor architecture, where shade becomes sculpture and function becomes experience.



INFINITY ARC

Florium Infinity Arc is a sculptural architectural pavilion that transforms a simple geometric gesture into a powerful symbol of connection, movement, and place. Composed of a series of sweeping illuminated arches, the structure rises gracefully from the landscape and loops through space in a continuous flow, creating an iconic gateway experience that invites visitors to gather, explore, and connect.



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Embrace Beauty