



BIOCLIMATIC PERGOLAS



www.suncgroup.com



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MADE FOR
OUTDOOR LIFE



At SUNC, we believe in enhancing people's lives through innovative outdoor solutions, making daily life easier and better. For over 18 years, we have been building innovative systems which are at the crossroads of art and science. Engineering and creativity. Global knowledge and client focus. Craft, quality, freedom of choice, and custom-made solutions that are sustainable. We do this in ways that endure and stand the test of time. Reflecting our commitment to creating a lifestyle

Made For Outdoor Life.

BIOCLIMATIC PERGOLAS

Discover the wonders of **BIOCLIMATIC PERGOLAS.**

Bioclimatic systems are durable and robust structures consisting of aluminum ceiling panels and an aluminum framework.

They are controlled via a motor and remote control, providing protection from the sun and rain, with the ability to withstand snow loads and strong winds. After adding side enclosures, it also allows for climate control.



They can be used year-round in all outdoor spaces, both commercial and residential side, making them suitable for all seasons.

We are transforming outdoor spaces into waterproof areas that can withstand snow loads.

**Enhancing
indoor
environment
efficiently**

MODELS



RETRACTABLE

ZMS240 PERGOLA



ROTATABLE

H180/Z200/ZM240



SEALED

ZM240/HM180/ZMS240



ZMS240 PERGOLA

Sealed
Retractable
Bioclimatic
Pergolas

ZMS240 Sealed Retractable Pergola

Modular aluminium pergola system with retractable blades and integrated gutter system.

Whether you want to create a cozy outdoor dining area, a serene garden retreat, or an inviting space for entertaining guests, Skyroof Prestige offer endless possibilities for elevating your outdoor lifestyle.



Experience
the perfect synergy of
modern design
sustainable living
outdoor comfort



Transform your outdoor space into a versatile oasis that adapts to your **every need and allows you to connect with nature in style.**



Elevate your
outdoor with
**ZMS240
PERGOLA**

By gathering the panels on one side as per your preference, it provides a **70% ceiling opening when folded**. This makes it incredibly easy to access the sky with just a single touch.

Our systems are capable of bearing snow loads, resistant to strong winds, and completely waterproof thanks to their built-in gutter and sealing system.

These adaptable structures are used in various settings, providing year-round usability in both commercial venues like restaurants, cafes, and hotels, as well as in residential gardens.

**comfortable
functional
and versatile spaces.**



ALL DAY LONG

Designed for all-day use and offer lighting features. This allows you to adjust the illumination of the space during both day and night, enhancing your atmosphere. **They can be used for both business and leisure purposes and provide ease of use with lighting options.**



CONTROL & AUTOMATION SYSTEM

ZMS240 Sealed Retractable Pergola integrates seamlessly with your home systems, enhancing daily life by allowing effortless control of your outdoor space, whether for relaxation, entertainment, or other purposes. This capability elevates your quality of life.



INSULATED PANELS CLIMATE CONTROL

ZMS240 has adjustable retractable louvers for controlling sunlight and airflow, providing a versatile outdoor space for any weather. Polyurethane foam in the panels enhances comfort and minimizes condensation.



KEEP DRY IN STYLE AND STAY CLEAN

Keep Dry in Style Multi Sealing system-sealed with high quality gasket plugs, providing a completely airtight space which can be used in all weather conditions.

The “Stay Clean” feature, with its unique elliptical design, prevents leaves and dust from entering the interior during panel movement.



TECHNICAL FEATURES

MAKSIMUM DIMENSIONS

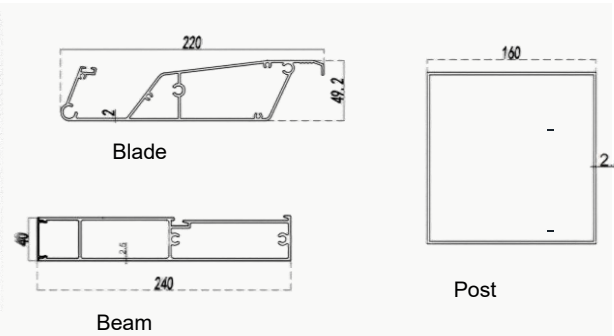
Projection	600cm
Width	400cm
Snow Load (max)	200 kg/m²
Max. Open Space	70%

OPTIONS

Lighting	Perimeter Lighting / RGB
Panels	Insulated
Colour	Custom Colors

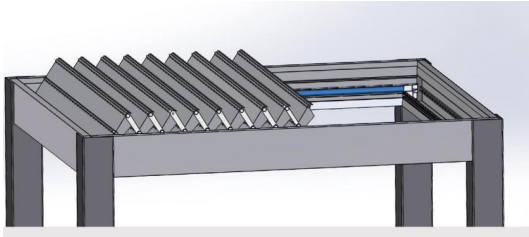
PROFILES & SNOW LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, ZMS240 Sealed Retractable Pergola can handle a snow load of 200 kg/m² and withstand winds up to 117 km/h.



SYNCHRONIZED PANEL MOVEMENT

This special synchronized movement is the newest technological system, allowing simultaneous retraction of all panels.



MOTER SYSTEM

- 1.Dc power supply
 - More than 10,000 life tests
 - High thrust output
 - Stop when in traffic jam
- 2.Adopting international ist ine brand chips, stableand reliable perfomance.
 - Waterproof design, more suiible for outdooruse
 - Metal casing, good heat dissipation,sultablefor outdoor scenes with temperature changes



SEALED SYSTEM

Keep Dry in Style Multi Sealing system- sealed with high quality gasket plugs, providing a completely





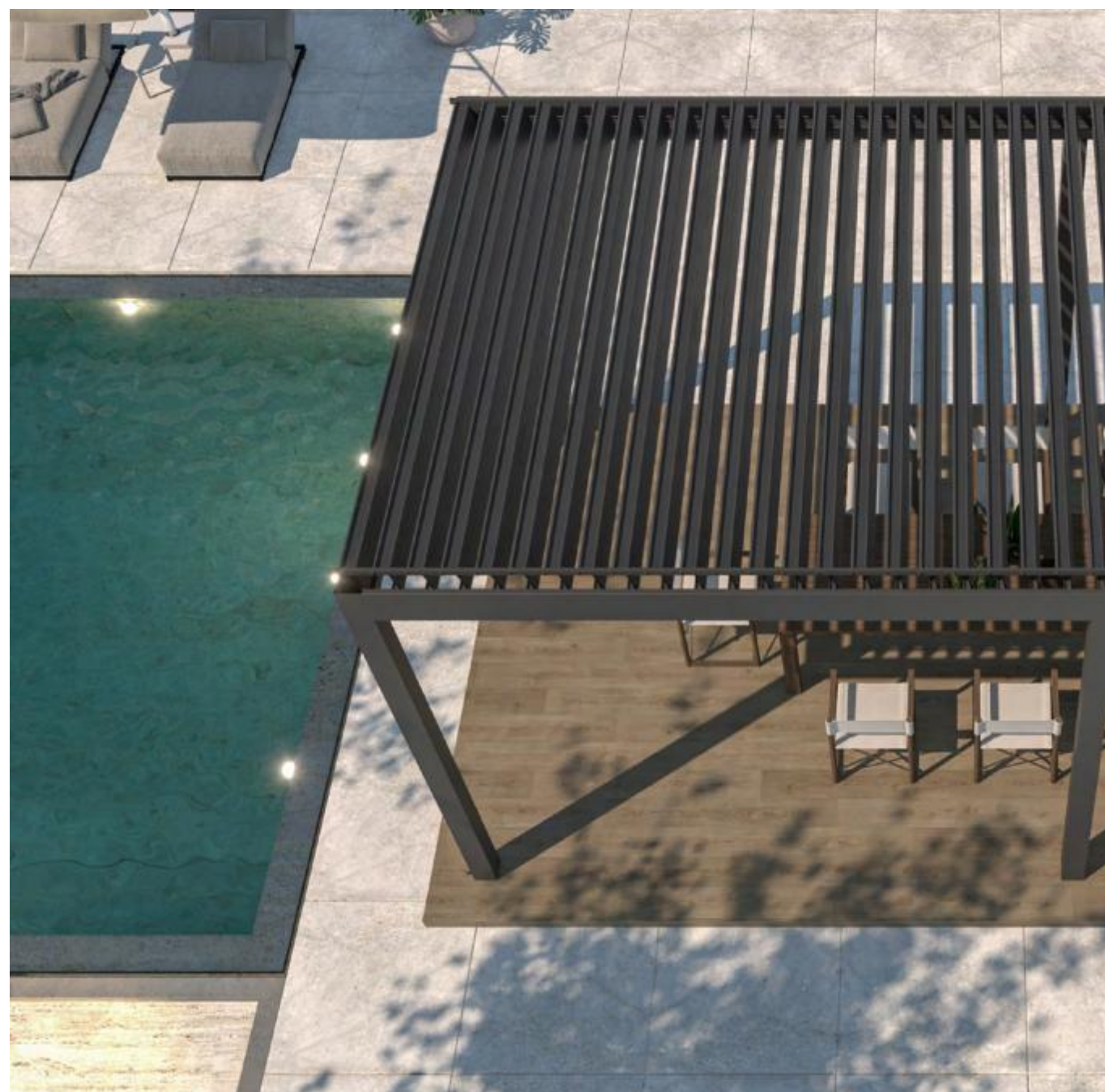
H180/Z200 PERGOLA

Rotatable
Bioclimatic
Pergolas

H180/Z200 ROTATE PERGOLA

Modular aluminium pergola system with rotatable blades and integrated gutter system.

The motorized roof consists of rotatable aluminium panels. SUNC's revolutionary design allows the panels at any angle up to 110 degrees seamlessly move.



Ultimate Versatility:
**H180/Z200 - YOUR
PERGOLA SOLUTION**

H180/Z200 Rotate Sealed Pergola panels capable of rotating up to 110 degrees on their own axes, constitute a pergola model with a sun-blocking concept. With the help of a remote control, customers can position the panels according to the sun's orientation at their desired location.

It can bear snow load, is wind-resistant, and completely waterproof thanks to the integrated gutter system.



**TAILORED
TO YOU!**

The adaptability and versatility of H180/Z200 make them suitable for a wide range of outdoor settings, providing comfort, aesthetics, and functionality while allowing users to control their outdoor environment.

**APPLICATIONS AND
FIELDS OF USE!**

Rotatable pergolas are used to enhance outdoor spaces in residential and commercial settings, providing comfortable outdoor dining and lounging areas for hotels, cafes, restaurants, as well as recreational spaces, events.



**SIMPLIFY
YOUR
LIFE**

H180/ Z200 features adjustable louvers for personalized sunlight and shade control in any weather. This energy-efficient system not only provides shelter from rain and intense sunlight but also optimizes natural light and ventilation, all while offering year-round outdoor enjoyment with remote control.

TECHNICAL
FEATURES

MAKSIMUM DIMENSIONS	
Projection	600cm
Width	420cm
Snow Load (max)	200 kg/m²

OPTIONS	
Lighting	Linear Lighting Perimeter Lighting
Panels	Insulated
Color	Custom Colors

PROFILES & SNOW
LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, Z200 Rotate Sealed Pergola can handle a snow load of 200 kg/m² and withstand winds up to 117 km/h.

FUNCTIONAL STRUCTURAL
DESIGN

The SUNC system incorporates louver profiles capable of a 110° precise rotation angle alongside an integrated, high-load integrated drainage beam.

Engineered with a heavy-duty, multi-chamber aluminum structure, it delivers superior structural integrity and wind pressure resistance.

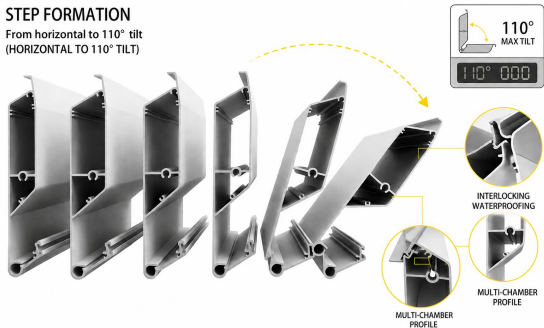
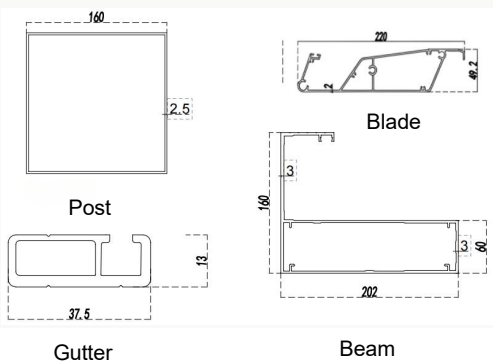
Equipped with internal perimeter gutters and industrial seals, the assembly achieves a 100% waterproof rating under severe rain conditions..

MOTER SYSTEM

- Single motor drive
- with CE certificate
 - More han 10,000 lfe tests
 - High thrust output
 - The motor onueis1500N

Unique Design

Z200 Louvered Pergola with overhang Design



COMPACT
VERSION

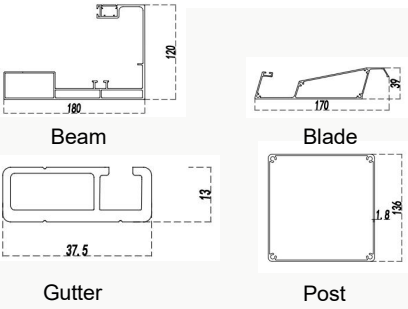
Created for those who desire minimalism. Thanks to its compact profile design, this option ca be preferred for small spaces, offering a delicate structure and appearance.

MAKSIMUM DIMENSIONS	
Projection	500 cm
Width	300 cm
Snow Load (max)	180 kg/m²

OPTIONS	
Lighting	Linear Lighting Perimeter Lighting
Colour	Custom Colors

PROFILES & SNOW
LOAD CAPACITY

Thanks to its strong structure, profile dimensions and unique panel design, H180 Rotate Sealed Pergola can handle a snow load of 180 kg/m² and withstand winds up to 117 km/h.





SEALED PERGOLA

ZM240 / ZMS240 / HM180
Bioclimatic
Pergolas

SEALED PERGOLA

A stylish and contemporary shelter for all climates. Whether you're facing scorching heat, driving rain, or even cold winds, this shelter offers both protection and aesthetics, making it the perfect choice for year-round comfort and modern appeal.



Your shelter, your style,
ALL CLIMATES



One Solution
ALL SPACES

Sealed Pergola System features seamlessly designed side beams with built-in gutters, corner posts with efficient drainage, robust profiles, and stainless steel attachments for a stable structure. The roof is fitted with rubber-coated louvers featuring embedded sealing strips along the inner perimeter, creating an airtight and completely waterproof canopy capable of withstanding strong winds of up to 117 km/h.

INSULATED PANELS CLIMATE CONTROL

Sealed Pergola features adjustable louvers for precise sunlight and airflow control, creating the perfect atmosphere for any weather. Panels can be filled with Polyurethane Foam for added comfort and reduced condensation.



CONTROL & AUTOMATION SYSTEM

Rotate Pergola System offers integration with your home systems, providing convenient control and use, making it a harmonious part of your daily life.

HIGH PRESSURE CLOSSURE FUNCTION

Rotate Pergola System brings the plane flaps power to life. Its linear actuator system shields your spaces from harsh weather.

DRYNESS, ELEVATED

Utilizing a multi-sealing structure and powered by a linear actuator, this design ensures full waterproofing. The high-quality gasket plugs create an airtight environment, allowing for year-round use in any weather conditions.

leave the mess
outdoor
STAY CLEAN
INDOOR



Minimal Maintenance,
**MAXIMUM
PROTECTION.**

These structures offer year-round protection from rain, sun, and snow. They regulate indoor temperatures, saving energy. Their modern design enhances outdoor aesthetics, requiring minimal upkeep for practicality. Built to withstand harsh weather, they use durable materials for long-term use.

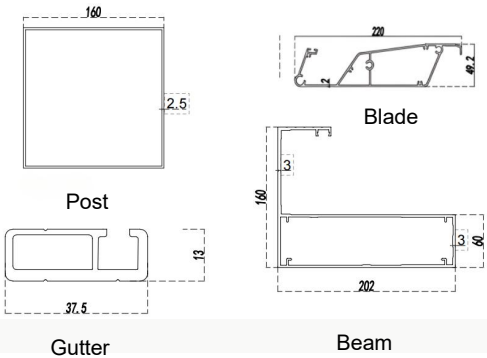


**TECHNICAL
FEATURES**

MAKSIMUM DIMENSIONS		OPTIONS	
Projection	600 cm	Lighting	Perimeter Lighting / RGB
Width	420 cm	Panels	Insulated
Snow Load (max)	200 kg/m ²	Colour	Custom Colors

**PROFILES & SNOW
LOAD CAPACITY**

Thanks to its strong structure, profile dimensions and unique panel design, Sealed Pergola System can handle a snow load of 200 kg/m² and withstand winds up to 117 km/h.





TECHNICAL SPECIFICATION

INSTALLATION TYPES

SUNC Pergola can be wall-mounted if needed or independently designed to stand on its own posts.



Wall Mounted

Freestanding

MODULARITY

Its modular structure allows for the closure of infinite square meters of space.

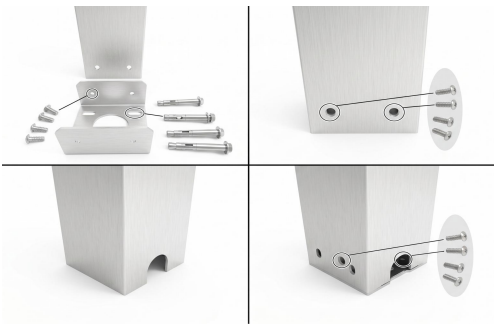


Two Modules

Four Modules

ANCHORAGE & WATER OUTLET

Freestanding products use base plates, while wall-mounted options utilize stainless steel base connections. Hidden anchorage is also available upon request. Models without a water outlet are also available for all options.



STAY CLEAN

The elliptical chamber on top side of the panel prevents the accumulated materials falling into your indoor space during the panel rotation.



MULTI-SEALING SYSTEM

Synchronized moving panels simultaneously presses the gaskets located on the integrated beams and thus ensure maximum insulation during the closing movement.



CLIMATE CONTROL

Panels can be filled with Polyurethane Foam which provides extra comfort. It significantly helps to reduce condensation.



COLOR OPTIONS

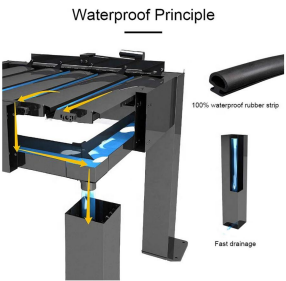
The standard color palette for the structural framework includes white, black, and gray;A customizable the dual color option allows panels and other structural components to be painted in different colors. We coat profiles with electrostatic powder paint using advanced Nanotechnology.



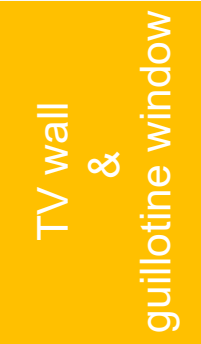
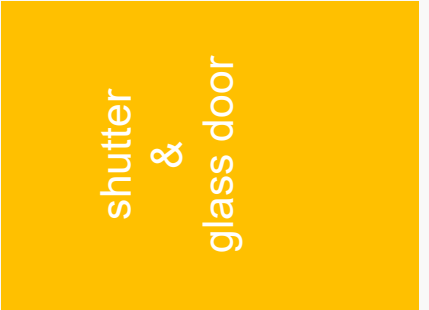
INTEGRATED GUTTER SYSTEM

Features a seamless, concealed drainage system that channels rainwater away without compromising the pavilion's aesthetic appeal.

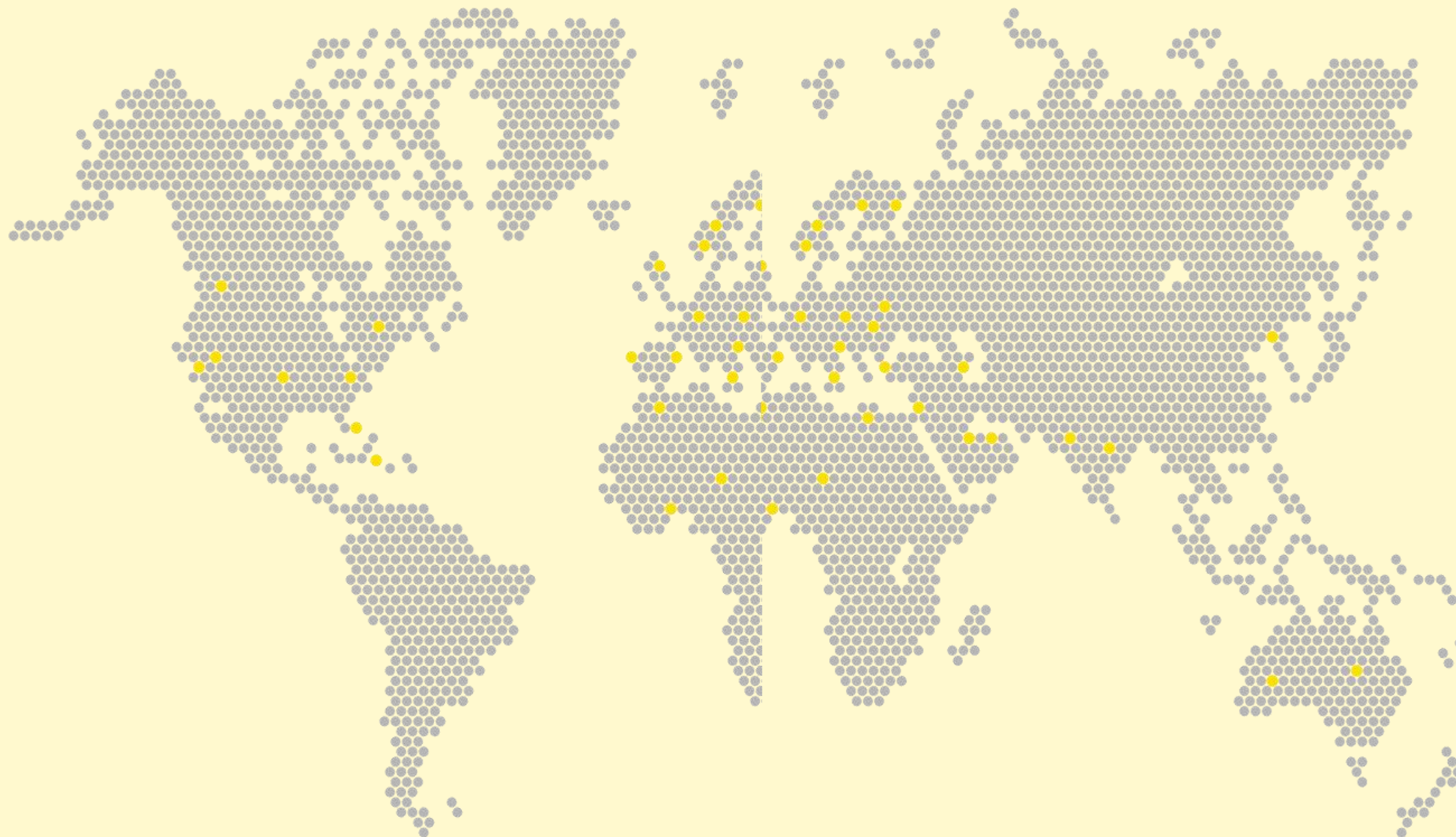
Engineered with a precise slope and high-capacity louvers to ensure rapid water runoff, preventing pooling or leaking even during heavy downpours.



SIDE COVER OPTIONS



guillotine window,electric shutter,glass door,zip screen,RGB & Led Light and Fan can be applied.



GLOBAL NETWORK

SUNC is represented in many countries world wide and the values each and every culture combined with unique architectural

concepts, inspires and is reflected in SUNC' s products.

FACTORY

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