

# KE



# GENNIUS

# KE THE RIGHT CHOICE

SEVEN IMPORTANT REASONS TO CHOOSE KE



KE

KE's experience and strong organization makes us an industry leader in outdoor shading products. KE is part of the BAT GROUP, a multi-national company with sales in 76 countries. This guarantees excellent synergy between innovation, expertise, and choice of materials. KE is always investing in research, product development and employee education in order to improve our products and provide elegant solutions for our customers.



## DESIGN AND CUSTOMIZATION

KE products are custom manufactured to meet your specific requirements.



## INSTALLATION AND SERVICE

KE has a network of 500 affiliates across the US to provide expert guidance, installation and service.



## ITALIAN DESIGN

KE products are designed in Italy by engineers and designers with decades of experience in the outdoor living space industry.



## MANUFACTURING

Three US production facilities and a total of 9 worldwide ensure that KE can meet all of your requirements for high quality customized shading solutions.



## INNOVATION

All KE shading systems are born from innovative, creative ideas that offer unique advantages in application and durability. KE proudly holds 36 patents for our designs.



## QUALITY

KE has earned multiple worldwide certifications for quality, including CE EN 13561, EN 10901, ISO 9001, ISO 18001 and ISO 14001.



## DISCOVER YOUR WORLD...

KE Gennius is a unique concept in retractable awning systems. Gennius can protect you from wind and rain, block harmful UV rays and keep you cool and comfortable in the brightest sunshine. The Gennius combines the beauty of a pergola, the flexibility of a retractable awning, and the warmth and comfort of a room addition.

The Gennius can cover a small deck, a large patio, or an expansive pavilion. The optional hood for the Gennius keeps debris from collecting in the fabric when it is retracted, which is available on all models. The blackout fabric blocks 100% of damaging and uncomfortable UV light and heat, keeps the rainwater off your head, and prevents the shadow lines that appear below from environmental pollution that can settle on the top side. Create a "retractable room" with optional "zip" drop curtains in the front and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear or be motorized. Put sun-screen mesh in the drop curtains, or use vinyl fabric with crystal-clear windows. Also available with sliding glass screens.

# GENNIUS FEATURES

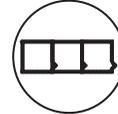
ADD LIVING SPACE TO YOUR DECK OR PATIO BY CREATING THE PERFECT OUTDOOR ENVIRONMENT FOR FAMILY AND FRIENDS TO ENJOY



**EXTERNAL LIGHTING**  
Integrated external LED lighting accents the beauty of the frame rails and provides functional lighting along the pergola's perimeter



**INTERNAL LIGHTING**  
Integrated lighting extends usability into the evening hours by providing beautiful, relaxing illumination



**MODULAR OPTIONS**  
Gennius pergolas can be installed in a variety of configurations, including multiple units together for unlimited coverage area



**HIDDEN HARDWARE**  
Fasteners are hidden to provide an elegant and sleek appearance



**ALUMINUM**  
KE components are made of steel or thermo-varnished aluminum with stainless steel fasteners



**ZIP RAIL SCREENS**  
Optional screens provide protection from insects, reduce late day sun glare, and increase privacy



**WATERPROOF**  
Gennius pergolas use an integrated gutter system to manage rainwater with no drips or leaks



**WIND RESISTANCE**  
Gennius pergolas are tested to withstand up to Class 9 on the Beaufort Scale



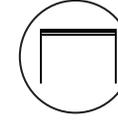
**LOUVER SYSTEM**  
KEDRY louvers rotate to let you create just the right mix of sun and shade. Louvers are water-tight when closed



**GLASS ENCLOSURE**  
Optional glass walls create a beautiful enclosure that can be temperature controlled



**WALL MOUNTED**  
Gennius pergolas can be mounted to an existing wall



**SELF STANDING**  
Gennius pergolas are strong, durable, free-standing structures



**EASY INSTALLATION**  
KE pergolas are easy to install and provide years of reliable service



**AUTOMATION**  
Features can be controlled remotely or through automated weather sensors



**CERTIFICATION**  
Gennius pergolas are certified to comply with European Union quality standards



**GABLE ENDS**  
Pergolas are available with gables to provide additional weather protection and a finished appearance from the side



**ARCHED ROOF**  
Isola has an arched roof that eliminates the need to install with drainage slope and also provides a more compact profile



**LEAD TIME**  
Gennius products are custom built in the United States to meet your exact requirements

# DISCOVER KE GENNIUS

CLASSIC STYLE AND MODERN FUNCTION

## 8 | 13 ISOLA 2

Max width 18'  
Max projection up to 29'6"  
Available as wall-mounted or freestanding



## 26 | 27 GENNIUS A2C

Single, Wall-mounted  
Max width 42'8"  
Max projection up to 26'3"



## 32 | 37 GENNIUS L1S

Max width 42'8"  
Max projection up to 19'8"  
Choice of Dark Walnut or Mahogany Wood Frame



## 44 | 45 LIGHTING OPTIONS

Lighting options extend your outdoor enjoyment and hospitality well into the evening hours, and create a beautiful overall appearance.

## 14 | 19 KEDRY PLUS

Max width 13'  
Max projection up to 26'6"  
Available as wall-mounted or freestanding



## 28 | 29 GENNIUS A2C

Single, Free-standing  
Max Width 47'3"  
Max Proj up to 23'10"



## 38 | 41 GENNIUS T1

Max width 42'8"  
Max projection up to 29'6"  
Attaches to existing structure



## 46 | 49 ADDITIONAL FEATURES

Spot lights, certification, frame colors.

## 20 | 25 GENNIUS A100

Max width 42'8"  
Max projection up to 18'



## 30 | 31 GENNIUS A2C

Double, Free-standing  
Max Width 47'3"  
Max Proj up to 23'10"



## 42 | 43 ENCLOSURE OPTIONS

Pergolas can be enclosed with a wide variety of vertical screens, or curtains, or glass.

## 50 | 52 SPECIAL STRUCTURES, AUTOMATION & FABRICS

# EXTEND YOUR OUTDOOR LIVING SEASON...

GENNIUS PROVIDES PROTECTION FROM THE ELEMENTS IN LUXURIOUS STYLE. HIGH QUALITY, BEAUTIFUL DESIGN, RELIABLE PERFORMANCE AND MODERN AUTOMATION ADD UP TO AN EXCELLENT INVESTMENT FOR YEARS TO COME.

- Wedding and banquet halls can guarantee dry functions
- Restaurants can create or expand outdoor seating
- Improve the ambiance with optional integrated LED lighting
- Generate revenue even in inclement weather
- Fully protect your space with optional perimeter solar shades (not all models)
- Improve dining and entertainment space for Country Clubs and more...
- Glass screens protect your customers/guests with optional sliding glass screens



# ISOLA 2



18'  
wide



29'6"  
proj.



LED  
Lighting



Home  
Automation



4 weeks  
Lead Time



Wall  
Mounted



Free  
Standing



Arched  
Roof



Learn More

The Isola 2 is a flat roof (no slope required), waterproof structure designed to install as a freestanding unit, attached parallel or perpendicular to the wall. Alternatively, Isola 2 can be mounted as a roof module over an existing sub-structure. Isola 2 differs from other Gennius products in that its roof is curved slightly to direct rainwater into a system of gutters around the perimeter and drain down through the columns, unnoticed by its occupants. The design of the square columns, eaves and roof system make the Isola 2 extremely compact and aesthetically beautiful.

With width of the single unit up to 18' and projection up to 29' 6" Isola 2 can provide cover to any part of your outdoor living area. Units with projections over 23' require additional column supports.

#### **Fabric Options - 3-ply waterproof construction**

- Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the visible shadow of debris such as leaves and twigs that can accumulate on the roof.
- Ferrari 502 is a waterproof semi-translucent fabric that comes in a variety of colors.
- Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.

Motorized operation can be controlled through an app on a mobile device.

Wind resistance is guaranteed up to Class 9 on the Beaufort Scale (41-47 mph). Isola 2 is not designed to withstand the weight of snow.

Accessorize your Isola 2 with: dimmable lights, zip solar shades, glass screens, and a Somfy® sun, wind, or rain sensor to add automation to your pergola.





# KEDRY PLUS



13'  
wide



26'6"  
proj.



LED  
Lighting



4 weeks  
Lead Time



Wall  
Mounted



Free  
Standing



Louver  
System



Learn More

The KEDRY Plus is a flat (non-sloped requirement) waterproof structure with louver blades designed to install as a freestanding unit, attached parallel or perpendicular to wall, or as a roof module to an existing sub-structure. The structure differs from the classic product Gennius for the roof structure with the flow of water in gutters around the perimeter. The columns are perfectly square, the eaves and roof system make KEDRY Plus extremely compact and aesthetically beautiful.

The powder coated aluminum framework has swiveling louver blades designed to ensure optimal resistance against the elements. The operation is driven by a sturdy and powerful linear motor and with the system designed to fit any kind of patio, terrace, or outdoor space.

With a unique additional channel design in the louver blades with added rubber gaskets, the tight water seal ensures that no rain drops or trickling of water will fall on you or your guests upon opening or closing of the blades.

Automation capabilities are available for the louver blades through wind, snow and rain sensors.

Maximum width dimensions on a single unit up to 13', projection up to 26'6".

Units over 19'8" will require additional column supports.

Available as freestanding option and can be installed attached to wall with front legs or as top section only on existing pergola

The KEDRY Plus can be fully enclosed with vertical screens or windows.





# GENNIUS A100



42'8"  
wide



18'  
proj.



LED  
Lighting



Home  
Automation



4 weeks  
Lead Time



Wall  
Mounted



Learn More

The Genius A100 has the elegant look of a pergola, similar to the A2C model, but slimmer in appearance with more lightweight profiles. The fabric is sealed against the patented side guide rails with a double gasket to direct rainwater to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with strong and durable extruded aluminum profiles. The header and column framework feature the aesthetic appeal of a traditional pergola for lighter weight commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof. Easy to install, A100 is a durable, wind-resistant shading solution.

The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guide rail and are activated by a motorized drive axle to the belt/pulley in the guide rail. Optional gable ends are available to complete the enclosure for a finished look.

Widths wider than 14' 9" require additional guide rails and posts for additional bay modules with continuous fabric. Width dimensions in a single unit up to 42' 8". Projection dimensions up to 18'.

#### **Fabric Options - 3-ply waterproof construction**

- Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the visible shadow of debris such as leaves and twigs that can accumulate on the roof.
- Ferrari 502 is a waterproof semi-translucent fabric that comes in a variety of colors.
- Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.

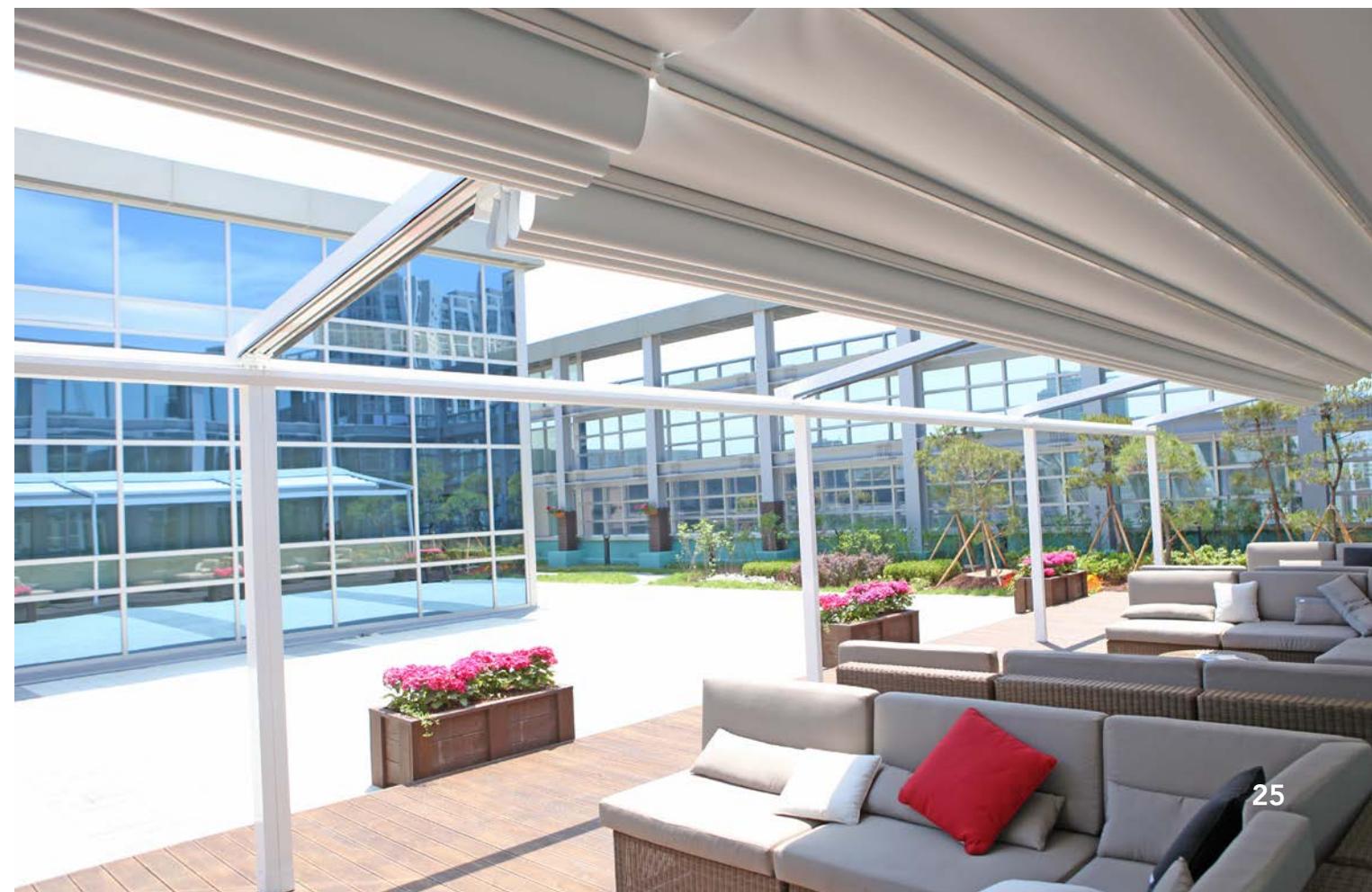
Slope is essential to properly manage rainwater. Genius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Genius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.

Motorized operation can be controlled through an app on a mobile device.

Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Genius is retracted.

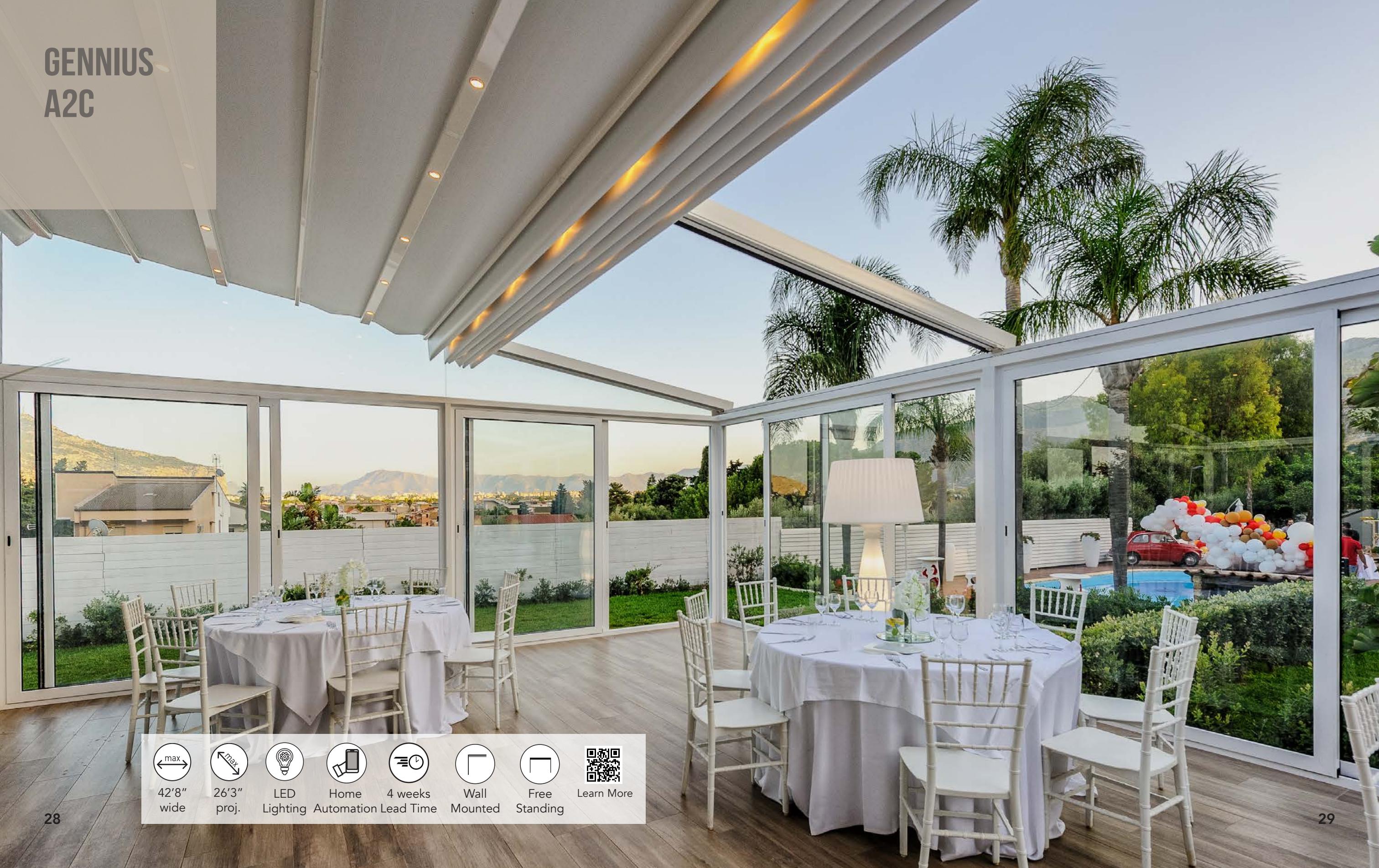
Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sun-screen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.

A top mounted application can also be achieved with post elimination or attachment to an existing substructure.





# GENNIUS A2C



42'8"  
wide



26'3"  
proj.



LED  
Lighting



Home  
Automation



4 weeks  
Lead Time



Wall  
Mounted



Free  
Standing



Learn More

The Genius A2C has the elegant look of a pergola. The tensioned fabric is sealed against the patented side guide rails with a double gasket to direct rainwater to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with durable extruded aluminum profiles. The header and column framework feature the aesthetic appeal of a traditional pergola for commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof. Easy to install, A2C is a durable, wind-resistant shading solution.

The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guide rail and are activated by a motorized drive axle to the belt/pulley in the guide rail. Optional gable ends are available to complete the enclosure for a finished look.

Width dimensions in a single unit go up to 42'8". Widths greater than 14'9" require additional guide rails and posts for additional bay modules with continuous fabric. Projection dimensions up to 26'3".

#### Fabric Options - 3-ply waterproof construction

- Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the visible shadow of debris such as leaves and twigs that can accumulate on the roof.
- Ferrari 502 is a waterproof semi-translucent fabric that comes in a variety of colors.
- Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.

Slope is essential to properly manage rainwater. Genius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Genius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.

Motorized operation can be controlled through an app on a mobile device.

Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Genius is retracted.

Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sunscreen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.

A top mounted application can also be realized with post elimination or attachment to an existing substructure.

**Genius A2C is also available in Single Freestanding and Double Freestanding configurations.**





A2C



32

A2C



33

# GENNIUS L1S



42'8"  
wide



19'8"  
proj.



LED  
Lighting



Home  
Automation



4 weeks  
Lead Time



Wall  
Mounted



Learn More

The Genius L1S has the elegant look of a wooden pergola. The Genius fabric guide rail system is supported by engineered laminated layer wood rafters, header, and columns. The fabric is sealed against the patented side guide rails with a double gasket design to direct rainwater to the integrated front gutter and downspouts. Structural rafter and post columns are engineered with heavy duty and durable extruded aluminum profiles. The header and column framework feature the aesthetic appeal of a traditional pergola for commercial and residential applications. Guide rails are attached to brackets on the wall, soffit, or roof. Easy to install, L1S is a durable, wind-resistant shading solution.

The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guide rail and are activated by a motorized drive axle to the belt/pulley in the guide rail. Optional gable ends are available to complete the enclosure for a finished look.

Widths wider than 14'9" require additional guide rails and posts for additional bay modules with continuous fabric. Width dimensions in a single unit up to 42'8". Projection dimensions up to 19' 8".

#### **Fabric Options - 3-ply waterproof construction**

- Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the visible shadow of debris such as leaves and twigs that can accumulate on the roof.
- Ferrari 502 is a waterproof semi-translucent fabric that comes in a variety of colors.
- Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.

Slope is essential to properly manage rainwater. Genius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Genius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.

Motorized operation can be controlled through an app on a mobile device.

Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Genius is retracted.

Create a "retractable room" with optional integrated "zip" drop curtains, in the front, and on the sides underneath a fixed fabric gable wing. The curtains can operate manually with a gear, or be motorized. Fabric options include sunscreen mesh material in the drop curtains or the use of bordered vinyl fabric with crystal-clear vinyl windows.





# GENNIUS T1



 42'8" wide

 29'6" proj.

 LED Lighting

 Home Automation

 4 weeks Lead Time

 [Learn More](#)

The Gennius T1 is designed specifically to install easily to an existing pergola or substructure. The T1 can also serve as a front-to-back connection application in courtyards or other open space areas without posts. The fabric is sealed against the patented side guide rails from our T1 unit with a double gasket design for rainwater management. An optional movable gutter is available, or in some cases, rain can be directed off the front of the system or be diverted.

Structural rafters are engineered with heavy duty and durable extruded aluminum profiles. This application for rain and wind protection is excellent for commercial as well as residential modifications.

The fabric is attached to cross profiles that connect to the trolley carriages on the underside of the guide rail and are activated by a motorized drive axle to the belt/pulley in the guide rail.

Widths wider than 14'9" require additional guide rails for additional bay modules with continuous fabric. Width dimensions in a single unit go up to 42'8".

Projection dimensions go up to 29'6" when supported by the existing structure. A special heavy duty A1 rail is utilized for front-to-back connections up to a 21' maximum projection. These measurements are determined by actual guide rail length with required slope versus a straight line measurement from the mounting point origin.

#### **Fabric Options - 3-ply waterproof construction**

- Ferrari 602 is a waterproof blackout fabric that can block 100% of damaging and uncomfortable UV light and heat and prevents the visible shadow of debris such as leaves and twigs that can accumulate on the roof.
- Ferrari 502 is a waterproof semi-translucent fabric that comes in a variety of colors.
- Ferrari W96 is a clear coated waterproof mesh for enhanced light transmission.

Slope is essential to properly manage rainwater. Gennius units installed without the minimum recommended slope for rainwater runoff management will be compromised. Gennius units that are installed without the minimum recommended slope cannot be warranted as a waterproof rain cover. The consumer should be informed of and understand this critical element for the proper usage of the system.

Motorized operation can be controlled through an app on a mobile device.

Optional hood protects motor assembly and keeps debris from collecting in the folded stacked fabric when your Gennius is retracted.



# ENCLOSURE OPTIONS

Isola 2 shown with semi-transparent screening to reduce the heat and light intensity of bright sunshine.



Motorized vertical screens provide an elegant solution to control sun glare and create a more comfortable, semi-enclosed outdoor space.  
Glass screens provide protection from the elements and the cold all year long and create a beautiful, inviting outdoor space for entertaining, dining and celebrating.



# LIGHTING OPTIONS



KE Isola 2 and KEDRY Plus have the LED Strip Lights option on the projection dimension of the pergola. These low voltage lights are installed inside the channel on the gutter and are dimmable by remote control. Dimmable LED strips are also available for the width dimension as well.



# SPOT LIGHTS

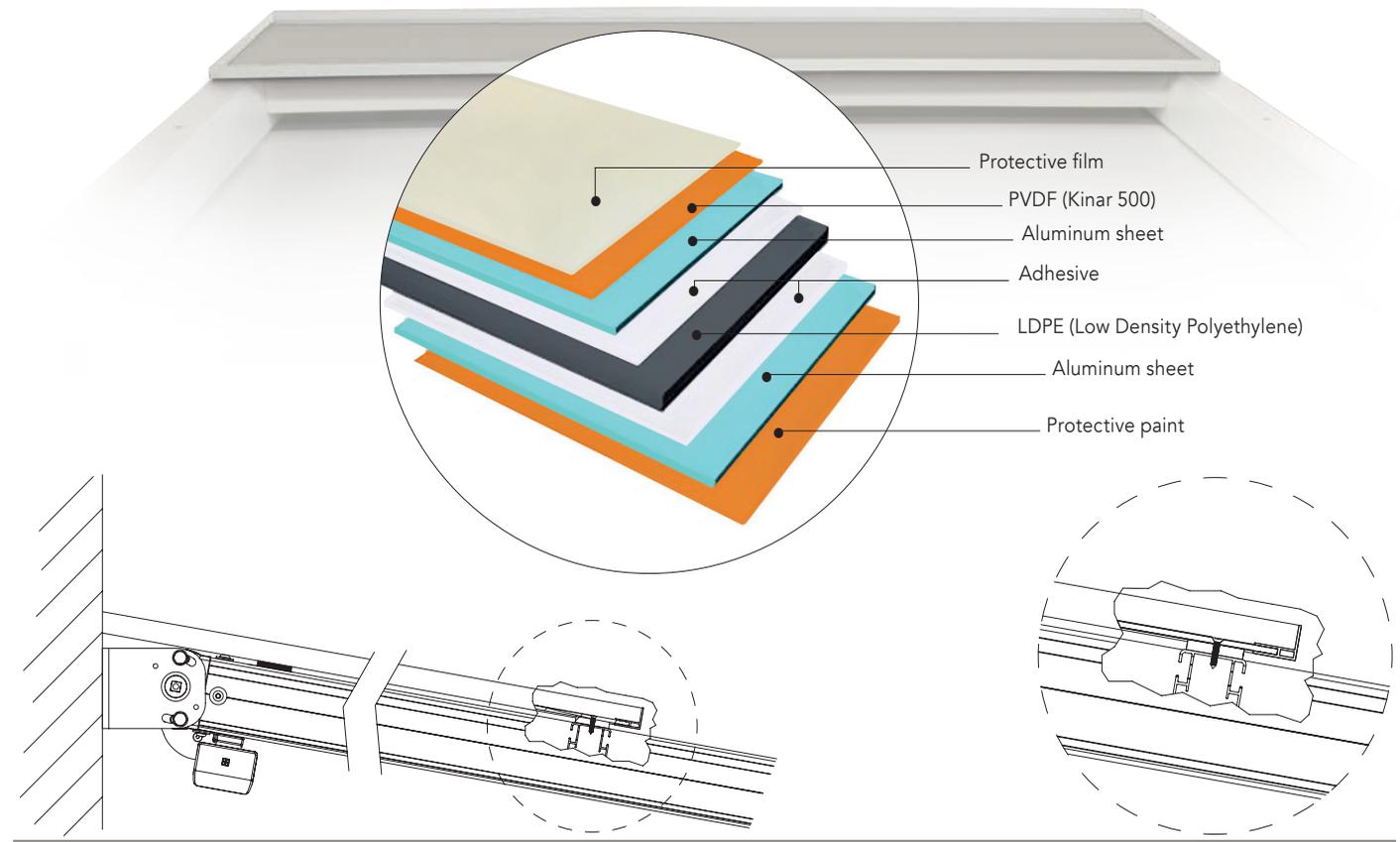


The Dimmable Spot Light option is available on Genius A2C, A100, L1S and T1, on all sizes. These LEDs are integrated and recessed into the cross rail to provide a sleek profile and elegant finish.



# HOOD/ GASKET

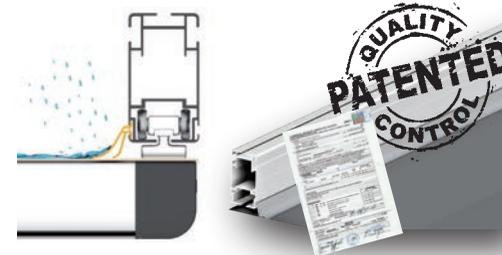
The Genius hood is produced with special aluminum protective layers over inter-layered polyethylene panels that are particularly robust, lightweight, raindrop quiet, and unobtrusive to the balance of the design elements of the systems. The standard hood panels are white on the top and bottom or can be custom powder coated to match the unit framework color. A protective clear film over the aluminum is removable upon installation.



## Gasket

The double fin gasket for waterproof management of the Genius systems are produced by co-extrusion technology between two materials with different characteristics - PVC and Plasticized Polyethylene

- The PVC offers stiffness on the guide hook to seal onto to the guiderail.
- The plasticized polyethylene gives elasticity to the parts that are in contact with the fabric to avoid PVC memory effect from temperature variation.
- The patented double fin structure assures that rainwater is routed into the unit's integrated gutter and does not sill over the sides even in windy conditions.



# ENGINEERING CERTIFICATION



All KE Genius models have CE Certification, an assurance of quality. KE offers the industry's broadest range of pre-engineered products that meet or exceed wind and snow load ratings in all 50 states.

Engineer stamped technical evaluation reports are available for Genius A2C and L1S units per the International Building Code, 2014 Florida Building Code and ASCE 7-10 requirements.

Please see Care & Maintenance Packet for details. Note that **Maintenance & Care Instructions must be followed for warranty to be valid.**

# FRAME COLORS

The following frame colors are available on the Isola 2, A2C, A2C (Single Freestanding and A2C Double Freestanding), A100, KEDRY and T1.



WHITE



CHARCOAL

## Wood Frame Colors for L1S



IMPREGNATED DARK WALNUT



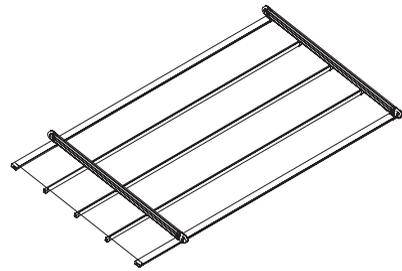
IMPREGNATED SEMI-GLOSS MAHOGANY

# SPECIAL STRUCTURES

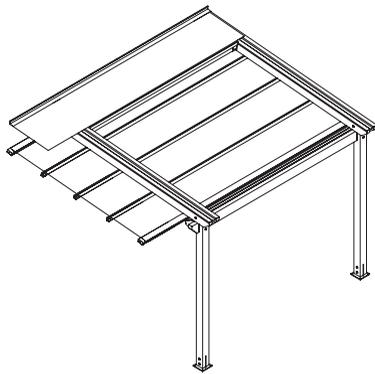
Non-standard structures are available. Please contact our technical department for feasibility of non-standard configurations.

These are some sample configurations.

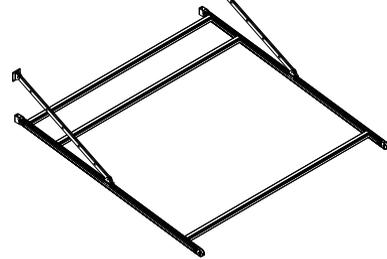
With overhang



With overhang



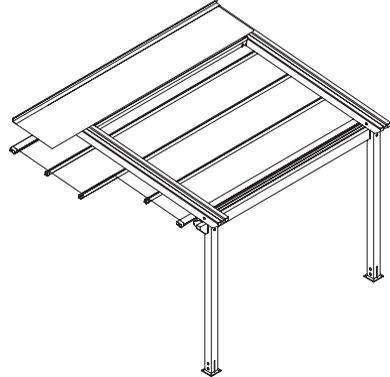
Cantilever T4



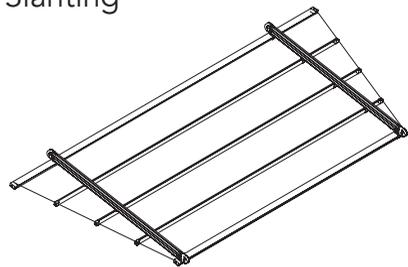
With overhang and protrusion



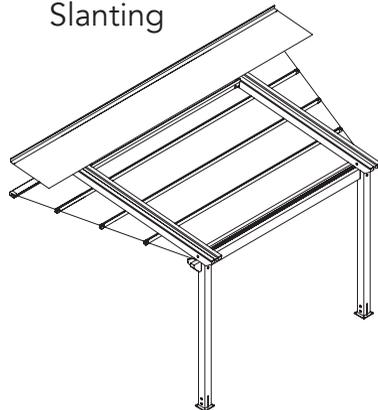
With overhang and protrusion



Slanting



Slanting



# HOME AUTOMATION



Experience the full enjoyment of your KE Genius pergola with remote control and automated functionality. Wind, rain and sun sensors control the motors that can close louvers and screens and turn lights on or off, whether you're at home or away. The easy-to-use smartphone app provides convenience, luxury and peace of mind.

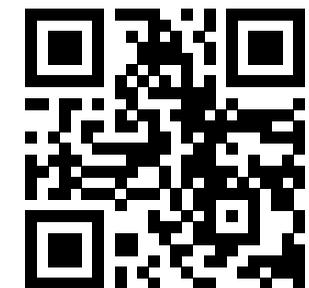
The Ondeis® WireFree RTS Rain and Sun Sensor is a solar-powered combined rain and sun sensor. Completely wireless, it uses optical rain-sensing technology to measure rainfall and sends a wireless command to close the pergola's roof or louvers when rainfall exceeds the user-selected threshold. The sun-level sensor sends a command when sunlight exceeds the user-selected threshold.



SOMFY Mylink WIFI

Transform your experience with Somfy motorized solutions that maximize benefits such as energy savings, privacy, comfort and convenience.

Somfy myLink puts you in control, so you can operate your motorized shades, blinds, awnings and screens with your favorite mobile device, whether you're home or not.





<p><b>50/50</b></p> <p>Perfect balance between Italian design and reliable functionality</p> 	<p><b>350</b></p> <p>Years accumulated engineering expertise</p> 	<p><b>27,867</b></p> <p>Residential Products Installed Annually</p> 
<p><b>The Right Choice</b></p> <p><b>KE</b> ENJOY THE OUTDOORS</p>	<p><b>44</b></p> <p>Years defining residential shading solutions</p> 	<p><b>2,336</b></p> <p>Hours employee professional development (annually)</p> 
<p><b>3</b> Manufacturing facilities in the United States</p>	<p><b>9</b> Facilities globally</p> 	<p><b>500</b> US dealers</p> 
<p>Industry-leading quality through vertical integration from foundry to production to installation</p> 	<p><b>76</b> Countries (products sold in)</p> 	<p><b>36</b> Registered Patents</p> 
<p><b>144,000</b> sq ft US Manufacturing</p> 	<p><b>1,700</b> lbs of Powdered Paint Applied Daily</p>	
<p><b>1,146,000</b> sq ft Global Manufacturing serving US Demand</p>	<p><b>17.0</b> Tons aluminum profiles processed daily</p>	



[KEOUTDOORDESIGN.US](http://KEOUTDOORDESIGN.US)

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