



CONTENTS

Comfort

P. 15

Mastering sunlight

P. 16

Sun protection louvers

Fixed canvas roof

Shelter

P. 22

Heating

Rain sensor

Innovative technologies

Lighting

P. 30

Customization

P. 33

Personalization

Additional options

Smart Control

Quality

p. 39

Structural strength

Sustainability

State-of-the-art facilities



Aero[®] Aero[®] Skye Aero[®] Canvas

Your home's integrated extension.

Create the ultimate outdoor living space with Aero: a sleek, fully integrated roof structure that seamlessly blends into any design, offering dynamic control over light and space while preserving the purity of modern lines and materials.

With Aero, you opt for minimalism, elegance, and uninterrupted views. Transform outdoor spaces into bespoke extensions of both new and existing structures - where light, shade, and airflow are not just controlled, but curated.

Aero is available in three options:

- Aluminum roof with rotating louvers (Aero)
- Aluminum roof with rotating & retractable louvers (Aero Skye)
- Canvas roof with a steel top plate and an elegant solar-shading fabric underside



Aero®

Frame and louvers RAL 9005
Up/Down LED
Lineo Heat
France



Aero® Skye

Frame and louvers RAL 7035
Beam Heat & Sound
Italy



Aero®

Frame RAL 9001
Louvers RAL 7016
France



Aero® Infinity

Frame and blades RAL 1015
France



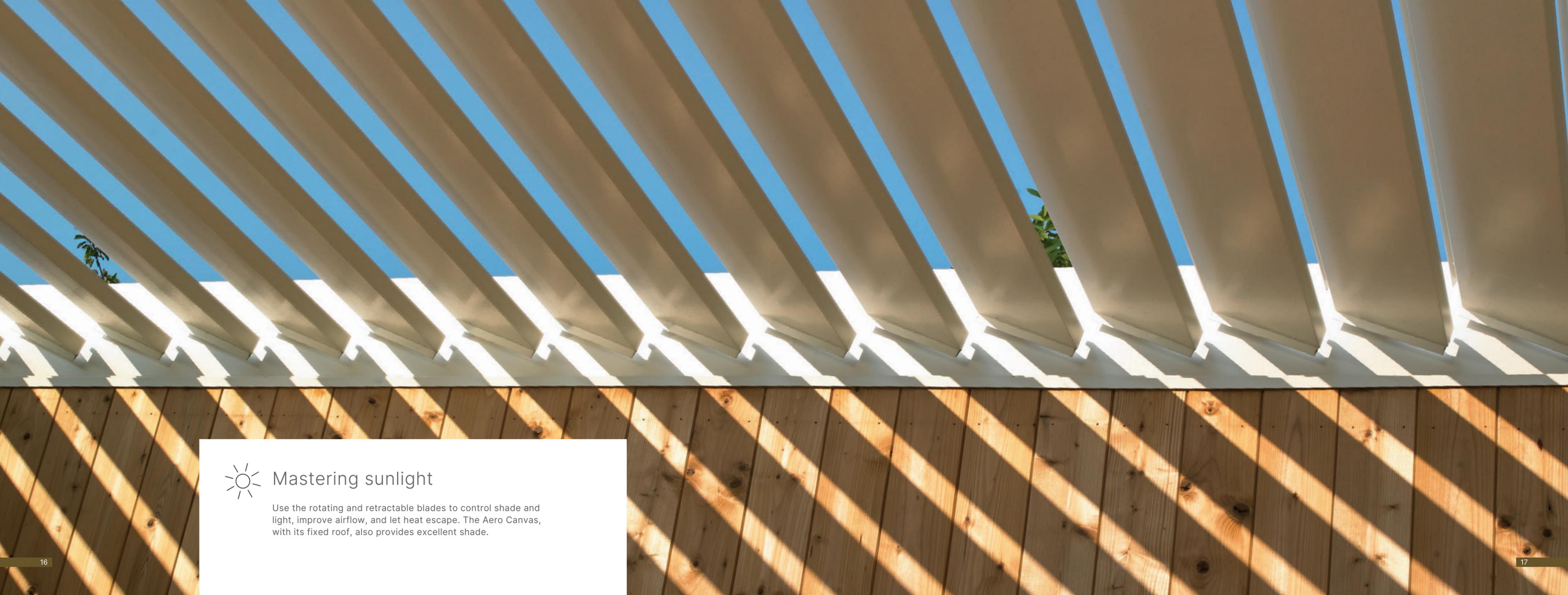
Comfort

Comfort, design and engineering meet the highest possible standards. The Aero and Aero Skye are completely customizable to your needs and preferences.

 Mastering sunlight

 Shelter

 Lighting



Mastering sunlight

Use the rotating and retractable blades to control shade and light, improve airflow, and let heat escape. The Aero Canvas, with its fixed roof, also provides excellent shade.



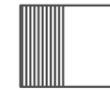
Aero®



Rotating
louvers



Aero® Skye

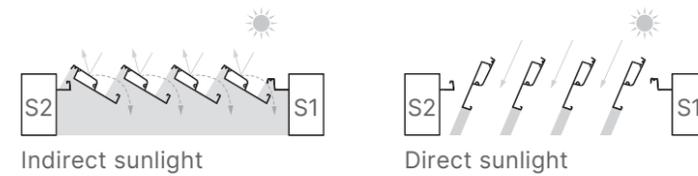


Rotating and
retractable louvers

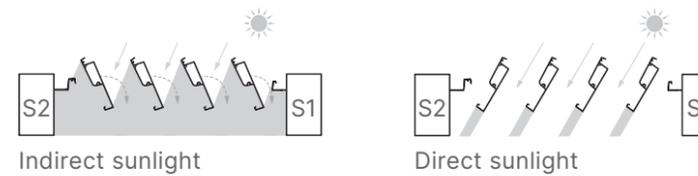
Sun protection louvers

You can rotate Aero's louvers up to 150° and Aero Skye's up to 135°, allowing you to let the sun in or to create shade any time of day.

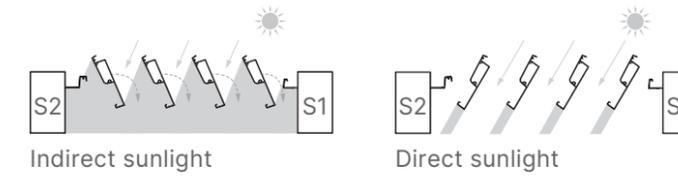
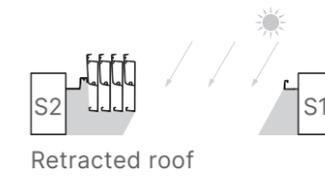
Sun protection – keep light out when open



Maximum sunlight – bring light in when open

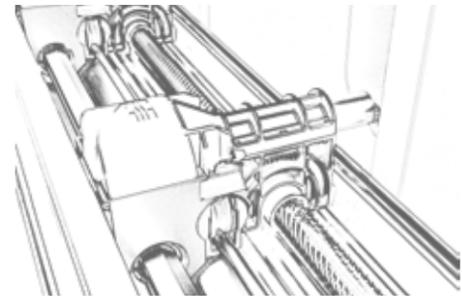


Maximum sunlight – bring light in when open



S-Drive Technology

The S-drive technology of our Aero Skye louvred roofs ensures an even and smooth opening of the louvers by equal distribution of the driving force via a spindle.



S-DRIVE
PATENTED TECHNOLOGY

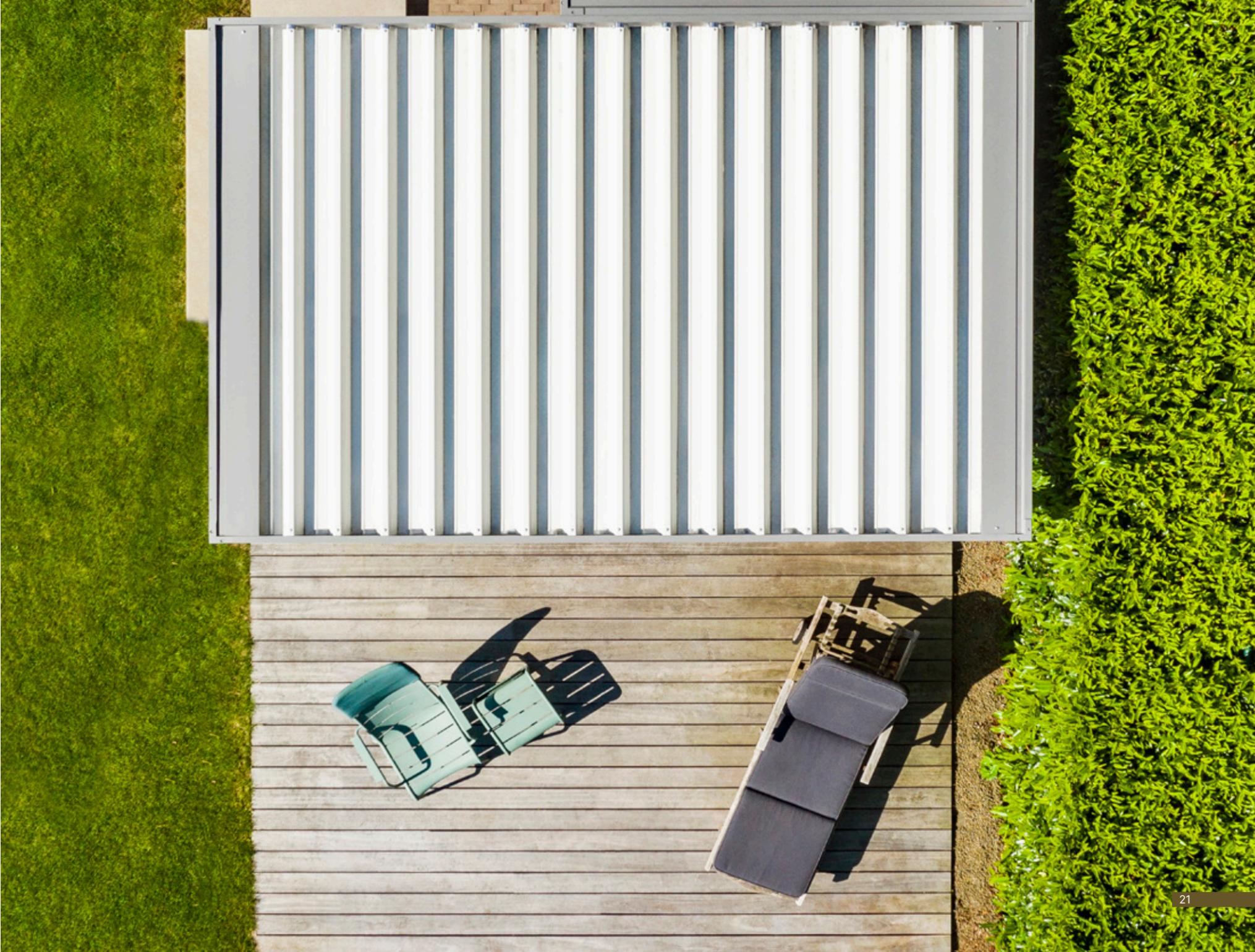
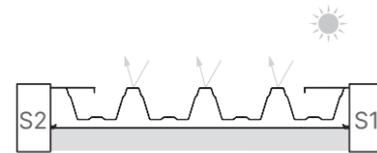


Aero[®] Canvas

 Fixed canvas roof

Fixed canvas roof

Aero Canvas is a fixed fabric roof, aesthetically finished with a stretch ceiling using Zipshade technology. It offers maximum protection from sun and rain while blending seamlessly with any architectural style.





Shelter

Whether you're looking for shade from the hot sun, shelter from a sudden rain shower, or a cozy retreat from the evening breeze, the Aero is designed to keep you covered. Embrace the outdoors, protected in style.

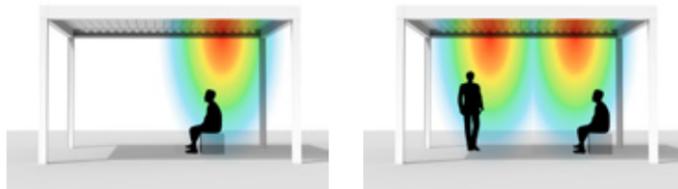


Heating

By integrating heating elements into your outdoor living space, you create the ideal climate year-round, even in winter.

Lineo® Heat (Aero)

Unique on the market, our fixed blade features seamlessly integrated 1,400 W heating modules, equipped with short-wave infrared lamps. You enjoy immediate heat distribution and pleasant radiant warmth exactly where you need it. Choose between a version with one or two heating elements per blade (1,400 / 2,800 W), and between a black or white ceramic-glass cover.



*Efficient technology,
positioned exactly
where you need it.*

Beam Heat & Sound (Aero & Aero Skye)

With Beam Heat & Sound, you can enjoy your favorite music and/or functional heating 24/7. The module extends across the full width of the roof and is powder-coated in the color of your patio cover. Both the speakers and heating element are seamlessly integrated, giving this option an extra sleek look. You can also rotate the beam up to 30° to optimize heat distribution. All cabling is completely concealed within the pergola structure. The heating uses short-wave infrared radiation (2,400 W), providing instant warmth and a cozy atmosphere.



Bluetooth

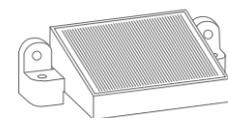




Rain sensor

For optimal protection, our Aero and Aero Skye patio covers can be equipped with a rain sensor. This sensor detects rainfall and automatically closes the louvered roof, keeping the space, and your furniture, dry.

It also features an integrated temperature sensor, allowing it to function as a snow sensor. When precipitation is detected at or below a set temperature, the sensor identifies it as snow and adjusts the roof to the pre-set snow position.

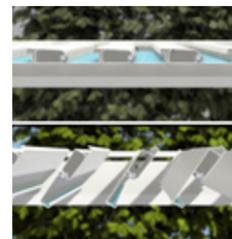


Innovative technologies



Protecto® (Aero & Aero Skye)

An extra protective profile between the blades and the gutter. This profile offers protection from wind, drizzle, and snow that can enter the patio cover between the blades and the frame.



Innovative gutter border (Aero & Aero Skye)

Welded aluminum drips, coated to match the color of the roof blades. The specially developed gutter border prevents your patio and furniture from getting wet when the blades are opened after a rain shower.



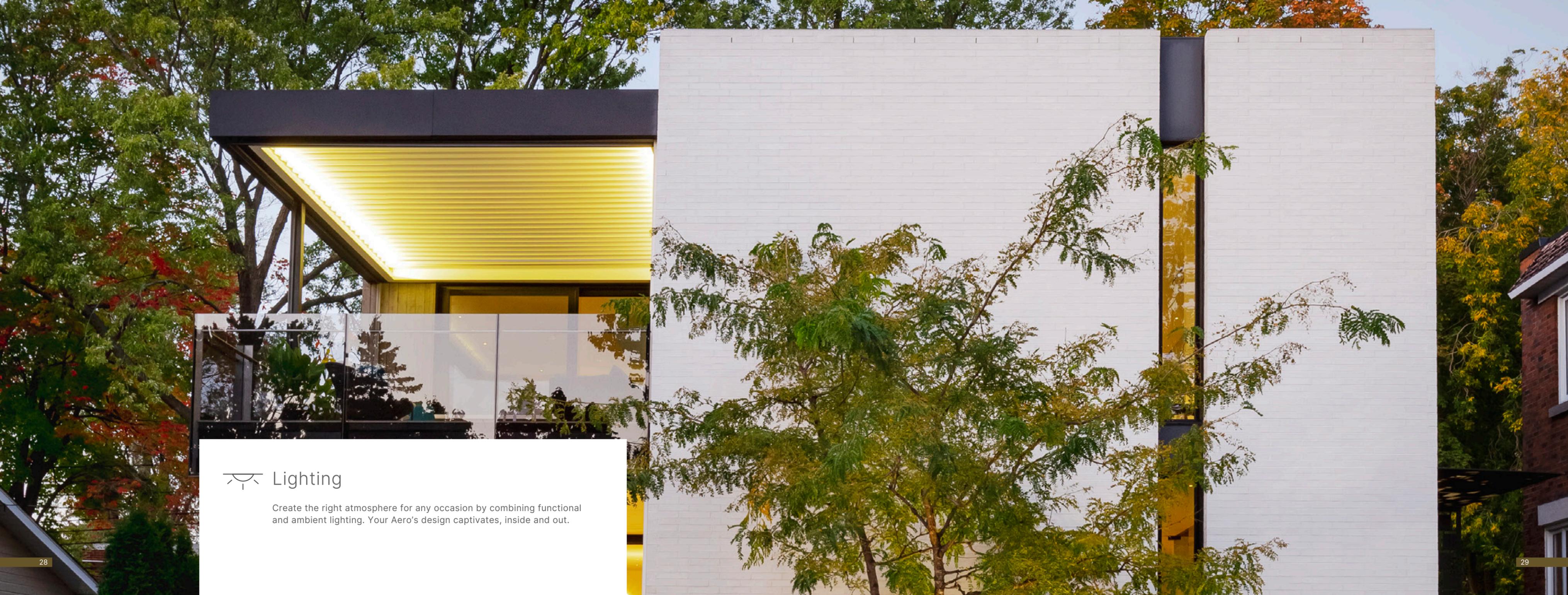
No splashing water (Aero & Aero Skye)

The gutters are equipped with special diffusers to prevent splashing water.



Water drainage

With its integrated water drainage system, rainwater is directed into the drainage pipes of the building or structure where the Aero is installed.



Lighting

Create the right atmosphere for any occasion by combining functional and ambient lighting. Your Aero's design captivates, inside and out.

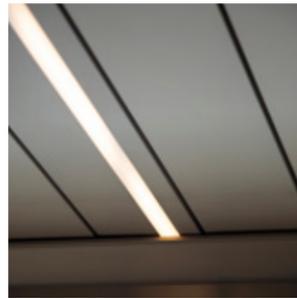


Lighting

Functional and ambient lighting work together to create the ultimate mood. Our high-quality outdoor lighting solutions are dimmable and available in warm white or pure white. With our Up-LED option, you can even choose from a range of RGB colors.



Lineo LED (Aero)



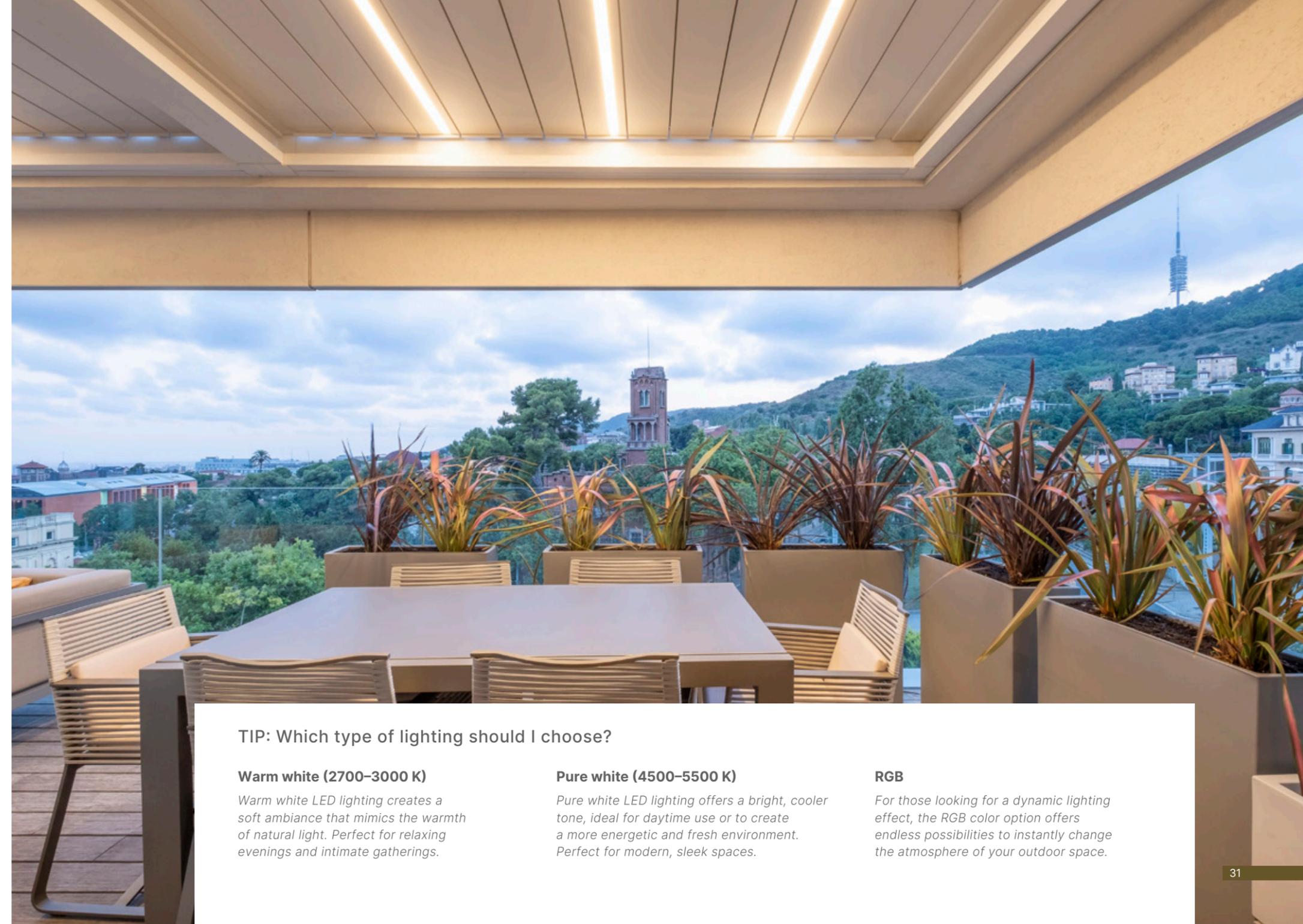
Integrated LED lighting in blades features 180 high-quality LEDs per meter, delivering powerful, evenly distributed light with no visible dots.



Up/Down LED



Integrated LED lighting on the inside of the frame features upward and/or downward illumination. The Up/Down LED offers both indirect and direct ambient lighting.



TIP: Which type of lighting should I choose?

Warm white (2700–3000 K)

Warm white LED lighting creates a soft ambiance that mimics the warmth of natural light. Perfect for relaxing evenings and intimate gatherings.

Pure white (4500–5500 K)

Pure white LED lighting offers a bright, cooler tone, ideal for daytime use or to create a more energetic and fresh environment. Perfect for modern, sleek spaces.

RGB

For those looking for a dynamic lighting effect, the RGB color option offers endless possibilities to instantly change the atmosphere of your outdoor space.



Customization

Renson offers a wide range of personalization options, allowing you to design the ideal outdoor environment that reflects your unique style and meets all your practical needs. From color choices to materials and finishes, you can create a patio cover that seamlessly blends with the aesthetics of your home, enhancing your outdoor lifestyle.



Personalization



Additional options

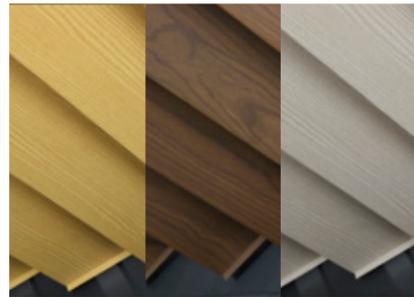


Smart Control



Aluminum

Our pergolas are available in any RAL color, so you're sure to find the perfect shade to match your style. By perfectly coordinating the colors with your existing architecture, you create a harmonious look with a strong visual impact.



Wood look blades (Aero)

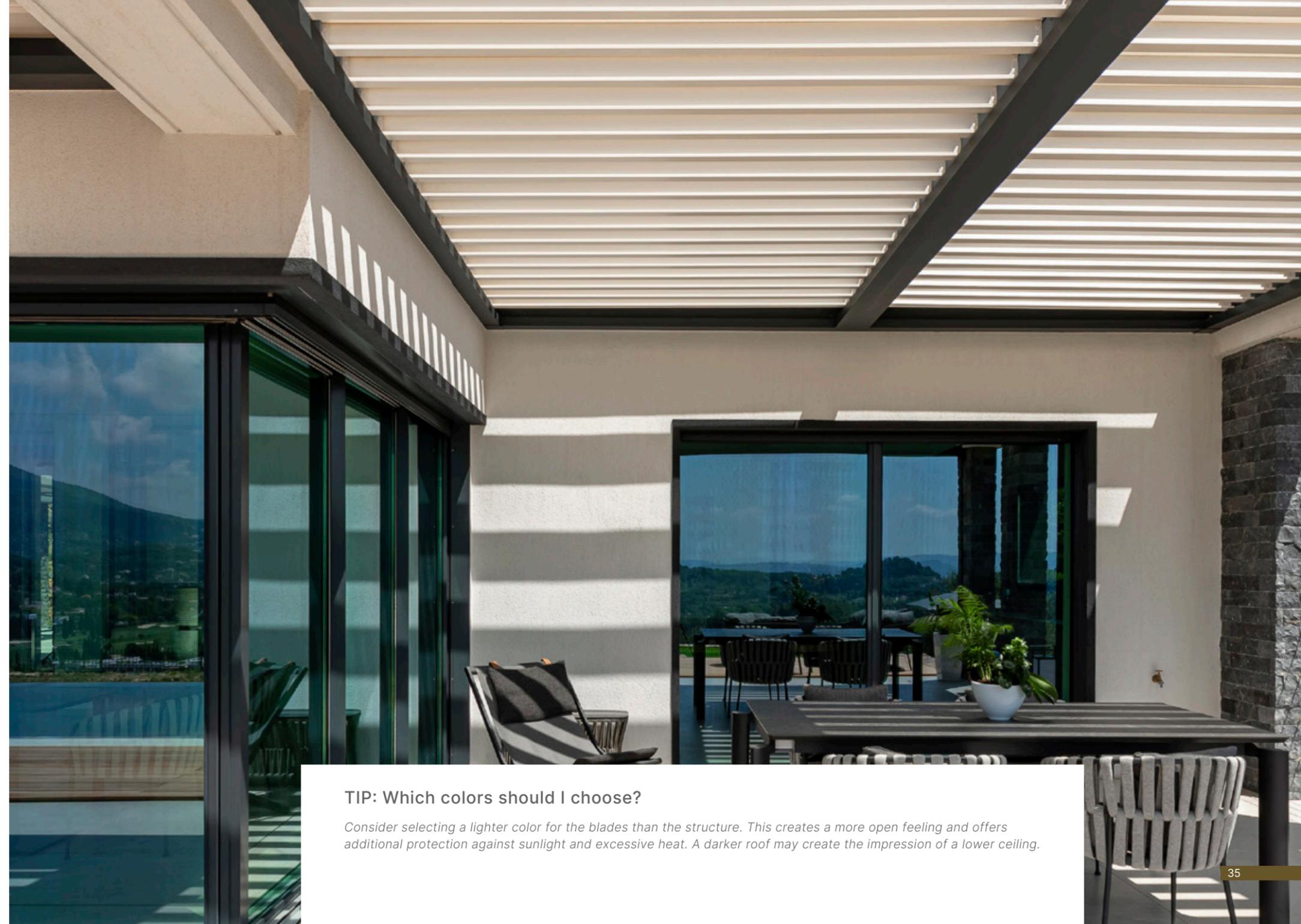
Choose the natural look of wood while enjoying all the advantages of aluminum:

- Low maintenance
- Colorfast
- Shape-retaining



Canvas roof (Aero Canvas)

The roof of the Aero Canvas is finished with a unique patented tension ceiling. Choose from eight colours of fibreglass fabric that is stretched into the frame using our tested Fixscreen technology. This gives the ceiling a horizontal, seamless and clean finish without any intermediate beams.



TIP: Which colors should I choose?

Consider selecting a lighter color for the blades than the structure. This creates a more open feeling and offers additional protection against sunlight and excessive heat. A darker roof may create the impression of a lower ceiling.



Additional options

Meeting your personal needs and preferences goes beyond color choices. The following options are also available when selecting an Aero patio cover.



Fixed, non-rotating louver (Aero)

Lineo Fix is a fixed, non-rotating blade that allows you to attach extra accessories to your louvered roof, such as heating, a sound system, additional lighting, an outdoor fan, and more. It replaces one standard rotating blade and remains invisible when the roof is closed.



Translucent louvers (Aero)

Bring more natural light under your louvered roof with Lineo Luce. These translucent blades, made of laminated safety glass and aluminum support profiles, create a sense of openness, even when the roof is closed.



Smart Control

Renson Connect App

The Renson Connect app makes it easy to control your Aero Skye patio cover right from your smartphone or tablet. Adjust your louvered roof with just a tap. The app is free to download and simple to set up.



Handheld remotes

Control your Aero with a simple remote. One touch opens or closes the roof, adjusts lighting, or powers the heating.



Wall switch

The Somfy wall switch is ideal for those who prefer the tactile feel of a physical control over a remote or smartphone app.



Home automation

Your Aero can also be integrated into your home's broader automation system. This allows for more advanced scheduling, control, and a truly connected outdoor living experience.





Quality

Our patio covers provide varying levels of protection and comfort. To guarantee this comfort, each model is rigorously tested for water drainage, load-bearing capacity, and wind resistance, among other factors.



Structural strength



Sustainability



State-of-the-art facilities



Structural strength

At Renson, we guarantee the highest quality by thoroughly testing and certifying our products according to the strictest industry standards.



Aluminum structure

All Aero pergolas are built with extruded aluminum profiles—lightweight, strong, rust-resistant, and designed to withstand extreme weather conditions.



2.95 gal/ft².h

Water drainage

Water resistance and drainage performance are tested using a spray system that simulates rainstorms. This allows us to determine flow rate efficiency and how it can be further optimized.



20.5 lb/ft²

Load-bearing capacity

Our patio covers are engineered to handle diverse weather conditions, including wind and snow. Load capacities are calculated through static strength analysis and validated by internal testing. The maximum load depends on several variables: structure type, surface area, model, integrated elements, and location. As a general guideline, the structure is designed to deflect no more than 1/200th of its longest span without permanent deformation—made possible by our patented frame tensioning system. In the case of heavy snowfall, the roof must be left open.



75 mph

Wind

If the roof blades remain closed at wind speeds over 50 km/h - 31 mph, wind tunnel tests have shown they can withstand speeds up to 120 km/h - 75 mph.

For the Aero Skye, they can withstand up to 160 km/h - 99 mph, but only with stacked blades.

For the Aero Canvas, we use a tightly stretched canvas with Fixscreen technology that can withstand wind speeds up to 120 km/h - 75 mph.





Sustainability

The choice of aluminum as the primary material for Renson patio covers is a deliberate and thoughtful one, it sets the tone for our sustainable outdoor living philosophy.

Aluminum is highly resistant to natural weather conditions and requires minimal maintenance. Its high recyclability contributes to a lower environmental footprint.

Our products are manufactured in a state-of-the-art production facility powered by renewable energy, where we follow strict standards to ensure minimal emissions. The result: a patio cover that meets the highest quality and sustainability standards, so you can enjoy your outdoor dream space worry-free.

Warranty

Register your patio cover online after installation and receive a 10-year product warranty covering both the structure and the finish.



Patio covers	10 years	5 years	2 years
Amani, Camargue, Camargue Skye, Algarve, Algarve Canvas, Aero, Aero Skye, Aero Canvas, Lapure	⊙ ¹		
Adhesion, color and gloss of the lacquer	⊙ ¹		
Lineo Luce, Lineo Fix, Protecto		⊙	
Somfy and Renson motors		⊙	
Controls		⊙	
Sensors Somfy		⊙	
Rain sensor			⊙
Lighting, heating & sound			⊙
Inserts			
Fixscreen technology		⊙	
Fiberglass, polyester & acrylic fabrics		⊙ ²	
Loggia		⊙	
Glass sliding panels		⊙	
Fixed walls (Linus, Linarte)		⊙	
Outdoor curtain		⊙	

¹ 10 years after registration. Standard 5-year warranty for installations located less than 500 meters (1,640 feet) from the coast or in areas with heavy pollution. This applies to wood design elements, aluminum castings, and mounting brackets. Important: Chlorinated fumes in an outdoor environment will not affect the motor system. However, direct contact between the columns and/or mounting brackets and chlorinated water may cause the coating to peel. For this reason, the patio cover should ideally be installed in a location where it is not directly exposed to swimming pool water or seawater. Damage caused by such exposure is not covered under the warranty.

² Rippling typical of polyester fabrics is not covered by the warranty. 2 years warranty on Crystal full width.

Renson Maintenance Set

Your patio cover is built to last for years in various weather conditions. To maximize its lifespan, we recommend cleaning and maintaining it once a year using the Renson Maintenance Set. This set contains carefully selected products that help preserve the rich color and shine of the powder-coated aluminum, providing added protection against acid rain, sea air, and UV rays.



Minimal maintenance, maximum enjoyment

At Renson, ease of use and low maintenance are top priorities, because the less time you spend cleaning, the more time you can spend enjoying your outdoor space.





State-of-the-art facilities



1. Automated warehouse



- 27-meter-high warehouse
- 28 levels
- Artificial intelligence-driven operations



2. Profile Handling



- Fully automated processes
- Sawing, milling, sanding, welding, and more



3. Aorta



- Buffer storage
- Powder coating optimization



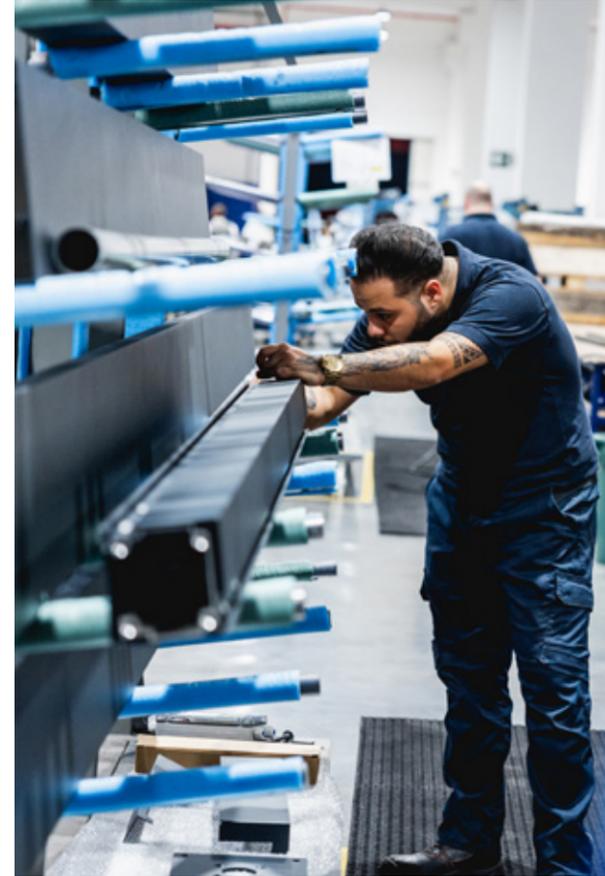
4. Powder-coating facility



- 1-mile-long rail
- 3 spray booths
- 300+ standard colors



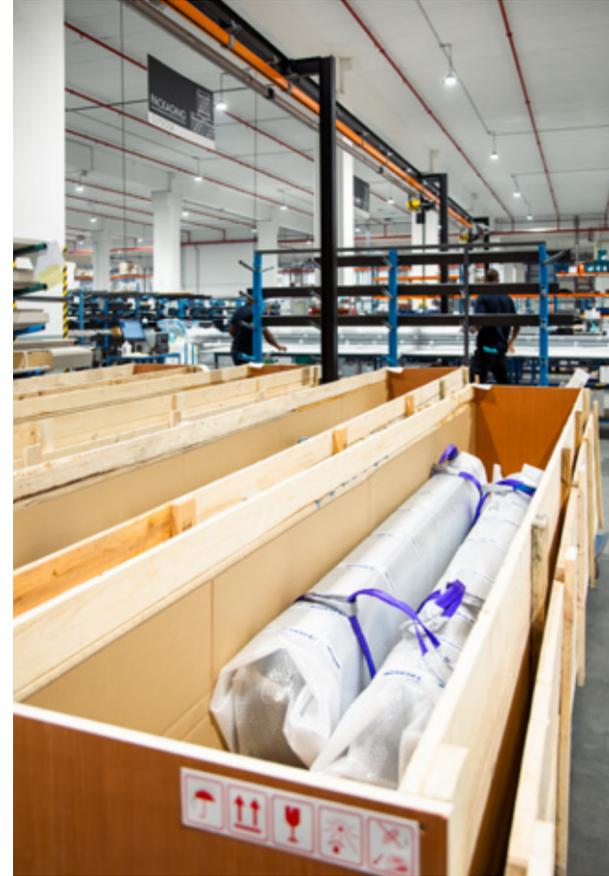
5. Assembly



- More than 500 parts
- Maximum pre-assembly (both mechanical and electronic)



6. Packaging



- Securely packed in a strong wooden crate for global shipping



Official Renson professionals worldwide

Our network of well-trained Ambassadors and Installers are key to the high-quality and durable product experience we offer, ensuring a professional experience.



Our Ambassadors are seasoned professionals with in-depth knowledge of Renson products, offering valuable support for both sales and installation. Premium Ambassadors bring an even higher level of expertise, managing complex projects,



providing strategic consultation, and working closely with our team to help shape best practices. Whether you're starting a simple install or tackling a large-scale build, they ensure exceptional service every step of the way.



Visit one of our authorized dealers to explore Renson products in a professional showroom environment. You'll receive expert guidance tailored to your needs, benefit from a smooth and efficient ordering process, and enjoy ongoing after-sales support to ensure lasting satisfaction.

Connect with an authorized Renson Dealer near you



Renson showrooms worldwide



Showroom Kruisem

Polydore Rensonstraat 8
9770 Kruisem • Belgium
renson.net

Showroom Waregem

Maalbeekstraat 10
8790 Waregem • Belgium
exit5.be



Showroom Shanghai China

No 33 • Lane 672 • Changle Rd
Jingan District Shanghai, China



Showroom NYC - USA

255 5th Avenue • 6th Floor
NY 10016, New York



Proud partner of
NOA outdoor living

Polydore Rensonstraat 8
9770 Kruisem • Belgium
noa-outdoor.com



renson.net

Our Aero® innovation(s) is/are protected by multiple Intellectual property rights.
All photos shown are for illustration purposes only and merely serve as an example of a practical situation.
The actual product may vary due to adjustments to the product. Renson reserves the right to make technical modifications to the products shown. The latest brochures can be downloaded from renson.net.