



LET'S BUILD A BETTER PLACE

 **PERGOLAS**
SPACE MADE FOR LIVING

A COMFORT ZONE

Pergolas have become one of modern architecture's most sought-after elements. Combining comfort, aesthetics and functionality, they create a place outdoors to relax and unwind no matter what the weather is doing. Pergolas by **ALUPROF Sun Shading Solutions** offer robust structures that guarantee durability for years to come, with state-of-the-art design that makes them a natural extension to the home. Fully customisable, from the colour scheme, via the additional accessories, to the finishing details, they can be adapted to suit any lifestyle. The adjustable roof louvres provide control over the exterior light and the integrated LED lighting will wrap you in an atmospheric ambience, while the infrared heater, glazing and screen blinds protect you from the cold and wind. All this means that you can luxuriate in our pergolas all year long.

A pergola from the **ALUPROF Sun Shading Solutions** range is so much more than just a practical shelter. It is also an investment in comfort, day in and day out, a spot to sip a morning coffee, celebrate a family get-together and relish moments of serenity. A patio transformed into a private, open-air living space enhances your property's prestige and generates a real increase in its value. It is a way of creating your own oasis of tranquillity, there for you outside your own back door.





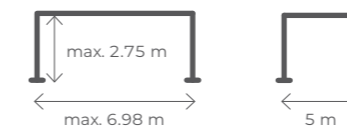
SB 550 PERGOLA

FEATURES:

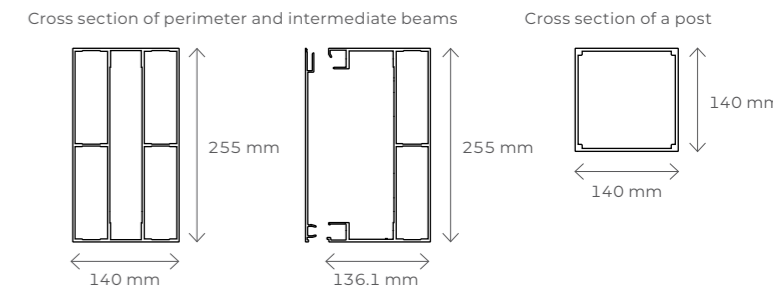
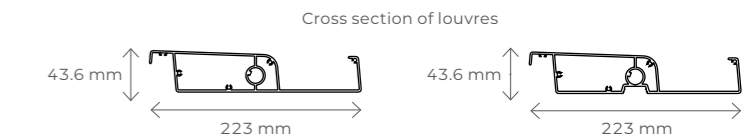
- The SB 550 pergola is a durable, extruded aluminium structure that guarantees robust high quality and will stand up to long-term use.
- Fitting the profiles to custom-designed pins is an innovation that ensures the system's stability and creates aesthetic, gap-free joints.
- The roof is formed from louvres that adjust from 0° to 125° and are fitted with seals for protection from water.
- The drainage system, which is discreetly concealed within the structure, effectively drains water through the gutters and downpipes to the stormwater system.
- The SB 550 meets the following strength requirements: a snow load of 72 kg/m² and a wind speed of approximately 110 km/h.
- The structure allows for a wall-mounted configuration with one or two posts, a freestanding version, as well as a dual-bay configuration.
- LED lighting can be used in conjunction with the louvres and patio heater. It is available as a strip, spotlighting or perimeter lighting.
- The pergola is fitted with a concealed, fully electric roof control mechanism. Wind, rain and sun sensors are also available as optional extras.
- With the extensive RAL colour range, the pergola can be matched to the façade and window fenestration.
- The pergola can be controlled via remote control, wall switch, app, or smart home system. It can be equipped with OpenSlide glass panels or side enclosures, such as screen blinds or sliding panels (Shutters and Slide), allowing the space to be used comfortably regardless of weather conditions.

Maximum / Minimum width	5 m / 1.5 m
Maximum / Minimum projection	6.98 m / 2.58 m
Maximum / Minimum height	2.75 m
Beam height	255 mm + 79 mm for the louvre opening mechanism
Post wall thickness	3-4 mm
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	YES / YES
Modular installation	YES
Retractable foot	YES

Pergola dimensions



Available automation options:





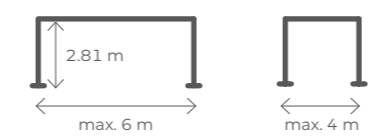
SB 450 PERGOLA

FEATURES:

- The SB 450 pergola is a sturdy, extruded aluminium structure that provides high stability and appealing aesthetics.
- The precise fitting of the profiles guarantees durable, gap-free joints.
- The roof is formed from louvres. Adjustable between 0° and 135°, they are available in two versions, SLIM and STANDARD, and are fitted with seals providing protection from water.
- The drainage system effectively drains water through the posts on two sides, providing a capacity of up to 57 litres/minute.
- The design makes a variety of configurations possible, including a version that uses the intermediate post on an existing structure.
- The system is designed for the installation of a fully glazed enclosure and screen blind-type side screens.
- LED lighting can be integrated, working in sync with the louvres and heating system, available as linear strips, spot lighting, or perimeter lighting.
- The pergola can be controlled via remote control, wall switch, app, or smart home system.
- With the wide range of RAL colours, the SB 450 can be matched to the building's architecture.
- It can be equipped with OpenSlide glass panels or side enclosures, such as screen blinds or sliding panels (Shutters and Slide), allowing the space to be used comfortably regardless of weather conditions.

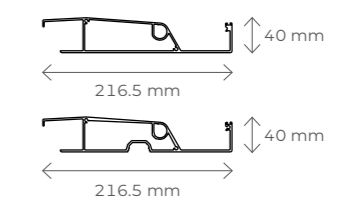
Maximum / Minimum width	4 m / 1 m
Maximum / Minimum projection	6 m / 1.39 m
Maximum / Minimum height	2.81 m
Beam height	190 mm + 113 mm for the louvre opening mechanism
Post wall thickness	2.5 mm
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	YES / YES
Modular installation	NO
Retractable foot	YES

Pergola dimensions

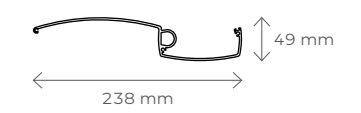


Available automation options:
somfy.

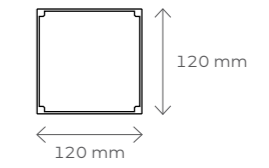
Cross section of FLAT-type STANDARD louvres



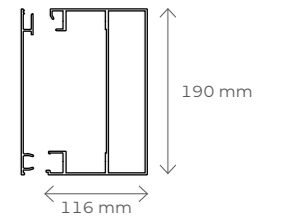
Cross section of type Z SLIM louvre



Cross section of a post



Cross section of a beam





SB 400 PERGOLA

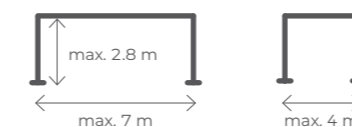
FEATURES:

- With its aluminium profiles and steel elements, the SB 400 pergola is a structure that provides high wind resistance in line with class 6 European standards.
- The effective built-in drainage system comes with the option of a concealed overflow between the gutters.
- The roof is formed from aluminium louvres that adjust to 120°, providing control over direct sunlight.
- The model is available in two options: with a visible motor or a concealed motor.
- An inspection opening in the top chamber simplifies the installation of the electrical wiring.
- LED lighting can be integrated, working in sync with the louvres and heating system, available as linear strips, spot lighting, or perimeter lighting.
- The pergola can be equipped with OpenSlide glass panels or side enclosures, such as screen blinds or sliding panels (Shutters and Slide), allowing the space to be used comfortably regardless of weather conditions.
- The SB 400 can be controlled by a remote control, switch, app or smart home system.

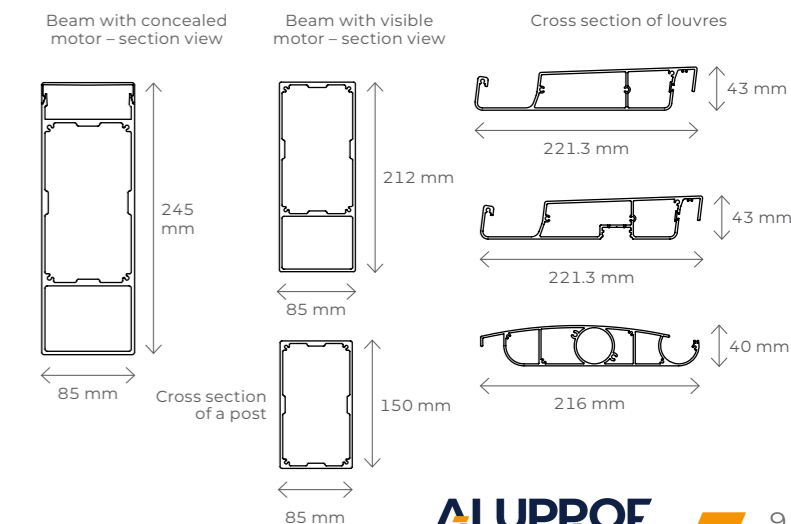
Maximum / Minimum width	4 m / 1.4 m
Maximum / Minimum projection	7 m / 1.4 m
Maximum height	2.8 m
Beam height with visible motor	212 mm + 130 mm for the louvre opening mechanism
Beam height with concealed motor	245 mm + 50 mm for the louvre opening mechanism
Post wall thickness	3 mm
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	YES / YES
Modular installation	YES*
Retractable foot	YES

* Separate structures that can be mechanically joined.

Pergola dimensions



Available automation options:



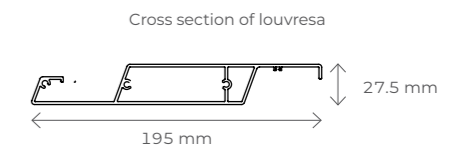


SB 350 PERGOLA

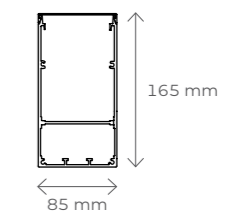
FEATURES:

- The SB 350 pergola is a solid, weather-resistant, extruded aluminium structure.
- The roof module consists of flat, extruded aluminium louvres with a rotation angle of 0° to 120°, enabling you to adjust the degree of shading to suit individual preferences.
- The pergola structure is equipped with a built-in rainwater drainage system, complete with a blockable outlet.
- An inspection opening in the top chamber makes it easy to distribute the electrics during installation and provides fast service access.
- The pergola comes with a 24V electric actuator kit, including a remote control. The sensors can be connected to a smart home app.
- The product is available exclusively in predefined size variants and in two standard colours: white (RAL 9016 matt) or anthracite grey (RAL 7016 matt), ensuring immediate availability for order.

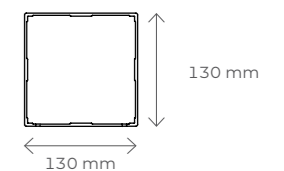
Fixed width	3.5 m
Fixed projection	3.40 m / 3.85 m / 4.30 m / 4.75 m
Fixed height	2.5 m
Post wall thickness	2.5 mm
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	YES / NO
Modular installation	NO
Retractable foot	NO



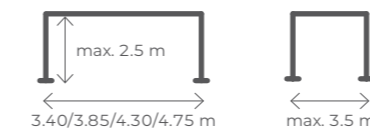
Cross section of a beam



Cross section of a post



Pergola dimensions



Available automation options:





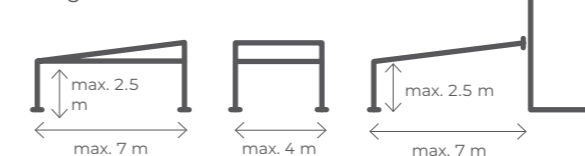
SOLID PERGOLA

FEATURES:

- The SOLID is a durable and robust, weather-resistant, extruded aluminium pergola with steel elements.
- The roof is made using a highly durable, waterproof fabric that can be completely rolled up or stopped at any point.
- The drainage system is aesthetically built in to the structure. In addition, the angle of the roof pitch can be adjusted from 5° to 10° during installation.
- LED lighting can be used in the transverse beams of the retractable roof to create a delightful ambience in the evenings.
- The pergola can be equipped with OpenSlide glass panels or side enclosures, such as screen blinds or sliding panels (Shutters and Slide), allowing it to be used comfortably regardless of weather conditions.
- The size of the structure can be adjusted in line with individual requirements, guaranteeing optimum use of the space available and a completely free hand when it comes to styling the decor.
- The wide range of control options and accessories make using the SOLID simple and convenient.
- The extensive choice of RAL colours mean that the SOLID can be harmoniously integrated with its surroundings.

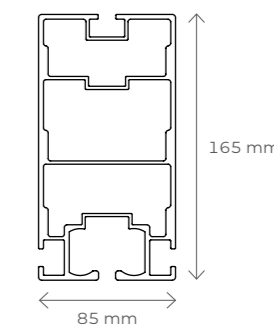
Maximum / Minimum width	4 m / 1.5 m
Maximum / Minimum projection	7 m / 2 m
Maximum clear height under the front beam	2.5 m
Beam height	165 mm
Post wall thickness	3-6 mm
Pitch angle	5°-10°
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	YES / YES
Modular installation	YES
Retractable foot	YES

Pergola dimensions

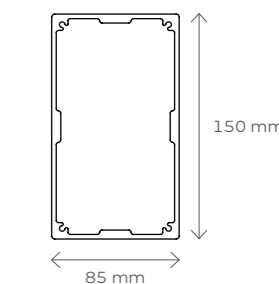


Available automation options:
somfy.

Cross section of a guide rail



Cross section of a post





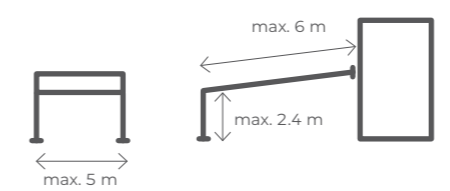
V ZIIP PERGOLA

FEATURES:

- Structure made of aluminium profiles and steel components.
- The system combines the functionality of a marquee with the aesthetics of a pergola.
- Roof made from Serge Ferrari fabric, available in two light transmission options: 1% and 5%
- A pneumatic system provides even fabric tension and wind resistance.
- Possibility to combine multiple pergola modules.
- The dimensions of the structure can be adapted to a particular space.
- The motorised operation facilitates automatic control of the fabric, with the option of integration into a smart home system.
- The V ZIIP can be powder coated in any colour from the RAL range, allowing it to be matched to its surroundings.

Maximum / Minimum width	5 m / 2 m
Maximum / Minimum projection	6 m / 2 m
Maximum front post height	2.4 m
Post wall thickness	2 mm
Pitch angle	10°-45°
Motorised / Manual operation	YES / NO
Free-standing / Wall-mounted variant	NO / YES
Modular installation	YES
Retractable foot	NO

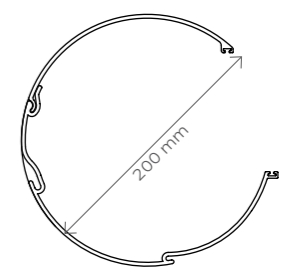
Pergola dimensions



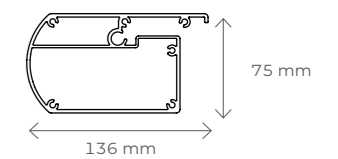
Available automation options:



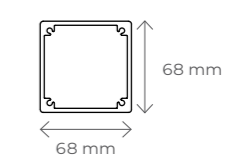
Cross section of a cassette



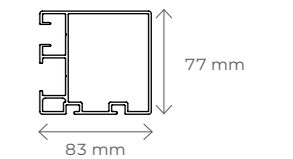
Cross section of a beam przedniej



Cross section of a post



Cross section of a guide rail





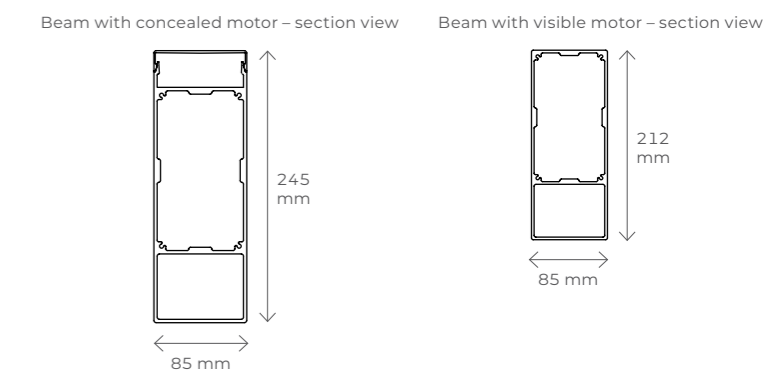
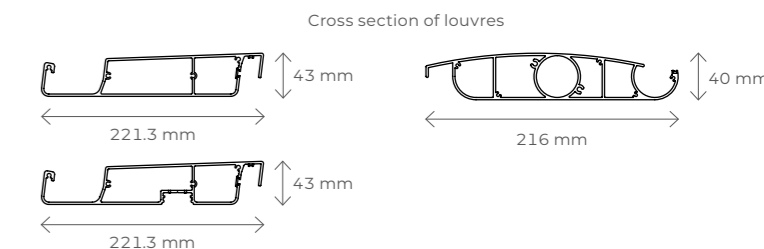
SB 400 R PERGOLA

FEATURES:

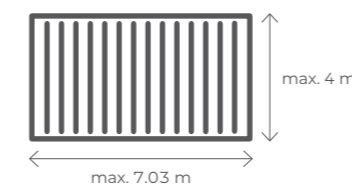
- Pergola roof made from aluminium profiles, ensuring durability and resistance to weather conditions.
- The pergola is designed for installation on an existing building without its own supporting structure.
- The system allows for modular installation, with the option to combine multiple units.
- Aluminium louvres that adjust from 0° to 120° facilitate control over light and shade.
- The system allows for modular installation, with the option to combine multiple units.
- The powder coating is available in any RAL colour.
- The SB 400 R can be controlled with a remote control or a smart home app with a weather automation option.
- The model is available in two options: with a visible motor or a concealed motor.

Maximum / Minimum width	4 m / 1.4 m
Maximum / Minimum projection	7 m / 1.4 m
Beam height with visible motor	212 mm + 130 mm for the louvre opening mechanism
Beam height with concealed actuator	245 mm + 50 mm for the louvre opening mechanism
Motorised / Manual operation	YES / NO
Modular installation	YES*

* Separate structures that can be mechanically joined

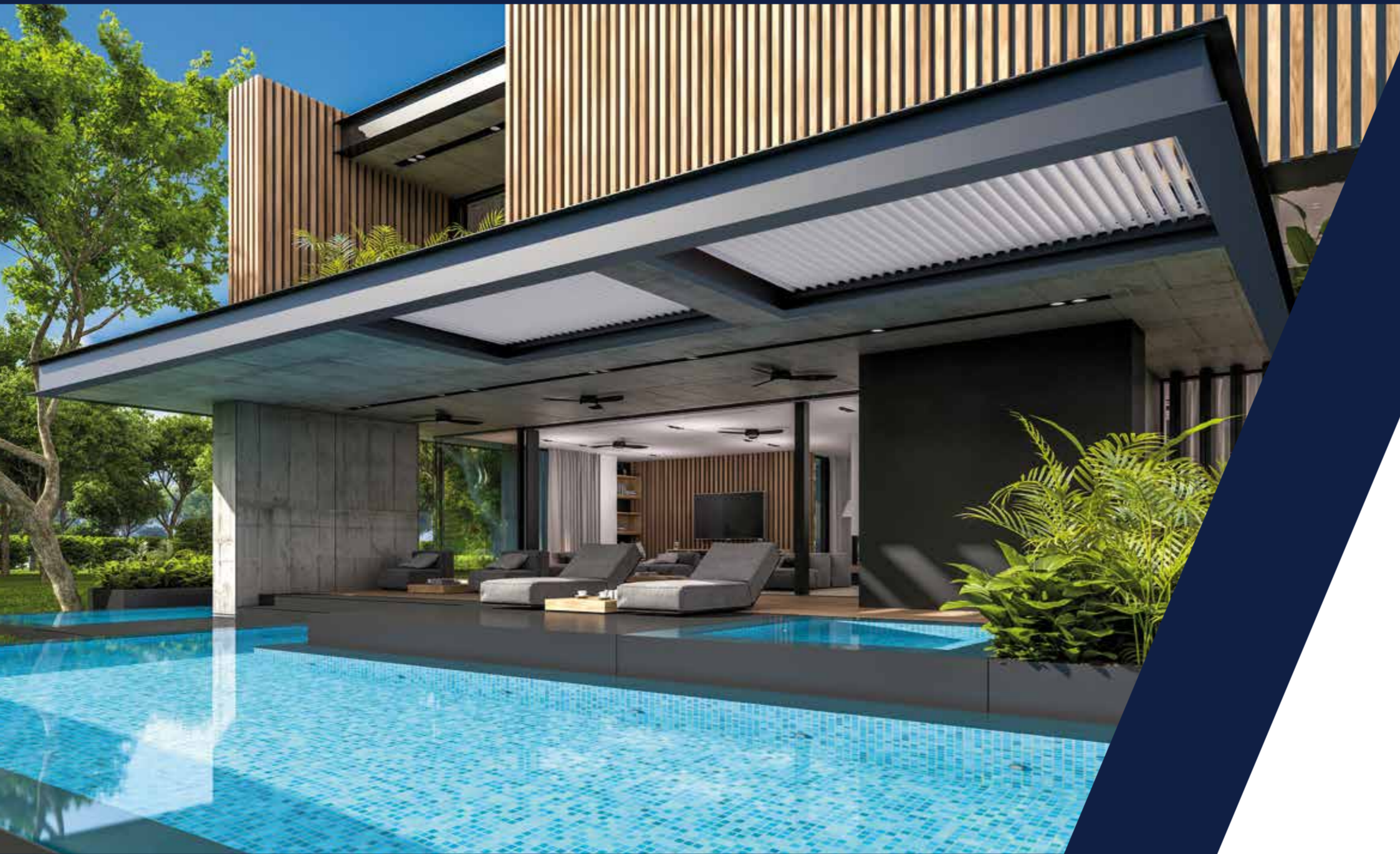


Pergola dimensions



Available automation options:



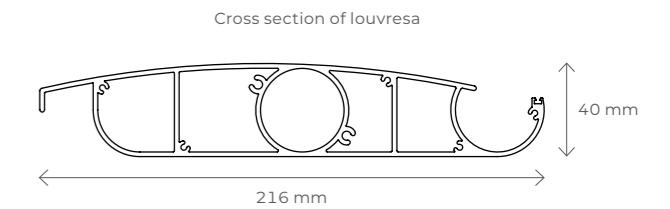


SB 400 MD PERGOLA

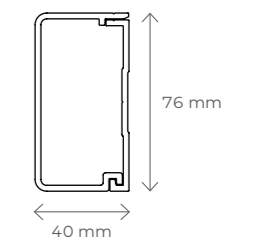
FEATURES:

- The aluminium profile roof of the SB 400 R provides durability and weather resistance.
- The pergola is designed for installation on an existing building without its own supporting structure.
- There is no drainage system. Compatible guttering elements are available to order.
- Aluminium louvres that adjust from 0° to 90°, facilitate control over light and shade.
- The compact electric drive is installed on the substructure.
- The system is designed for use as a single module and cannot be combined.
- The powder coating is available in any RAL colour.
- The SB 400 R can be controlled with a remote control or a smart home app with a weather automation option.

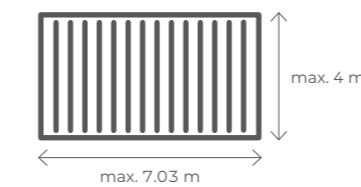
Maximum / Minimum width	4 m / 1 m
Maximum / Minimum projection	7.03 m / 1.23 m
Motorised / Manual operation	YES / NO
Modular installation	NO



Cross section of a guide rail



Pergola dimensions



Available automation options:



PERGOLA ACCESSORIES

State-of-the-art pergolas by **ALUPROF Sun Shading Solutions** offer an extensive range of accessories that genuinely boost users' comfort. Each of the available options answers to different needs within your household.

Adjustable roof louvres enable you to control the amount of light coming in, keeping your patio delightful in full sunlight and during light showers alike. As dusk falls, the integrated LED lighting envelops you in an atmospheric ambience, allowing you to continue using your outdoor living space for get-togethers and simply to relax.

On chillier days, the infrared heaters raise the ambient temperature, enabling you to enjoy your pergola beyond the summer season. At the same time, the Slide, OpenSlide, Shutters and screen blind enclosure systems form an effective barrier against wind, damp and excessive sunlight, providing greater privacy and protection from changes in the weather.

In effect, all these elements work together, transforming your pergola into a functional, year-round extension to your home.



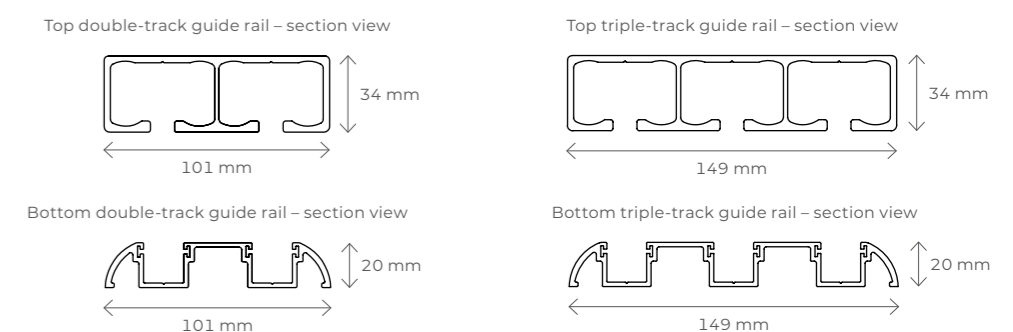
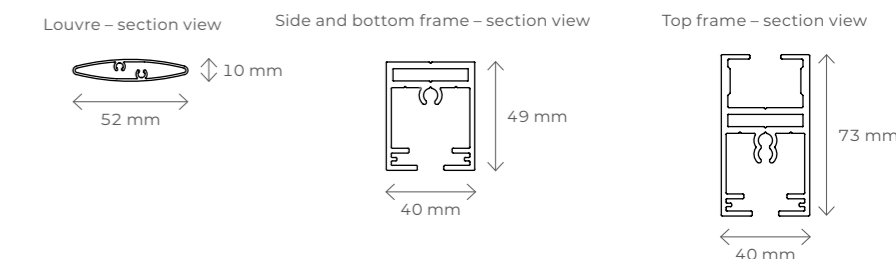
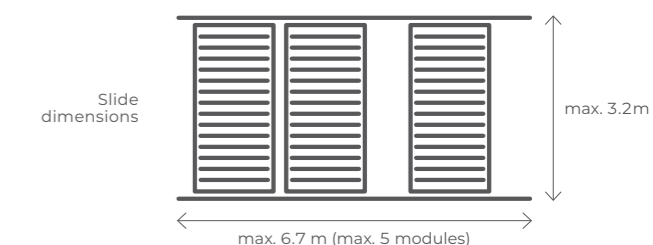
SLIDE

FEATURES:

- SLIDE panels are constructed from extruded aluminium, ensuring their durability and robustness during use.
- Custom-designed guide rails make it possible for up to three modules to operate simultaneously. Double and triple guide rails are available.
- A panel's suspension on bearing-mounted rollers makes it easy to move and stop it at any point.
- The solution is available in two variants: with screen fabric (Serge 600 and Serge 1%) or with fixed louvres set at a 55° angle, with a spacing of 67 mm (optionally 43 mm). It is also possible to combine both variants.
- The solidly thought-out system design makes it possible to combine panels with a total length of 6.7 metres and using a maximum of five modules.
- The system is designed for vertical installation, with horizontally installed guide rails, by a window or in an opening in the building's external surface.
- The structure can be powder coated with any colour from the RAL range, meaning that it can be coordinated perfectly with a building's window fenestration or pergola. For frames with aluminium louvres, a different colour scheme can be used for the panel structure.
- The SLIDE system holds a class 6 wind resistance classification and has been tested at the renowned ift Rosenheim laboratory.



Maximum / Minimum frame width	1.5 m / 0.7 m
Maximum / Minimum module height	3.2 m / 1.4 m
Maximum guide rail length	6.7 m
Use - PERGOLAS	550 / 450 / 400 / 350 / SOLID
Adjustable louvre angle	NO
Motorised / Manual operation	NO / YES
Modular installation	YES



OPEN SLIDE

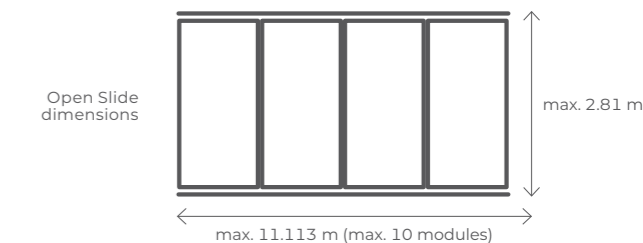
FEATURES:

- OPEN SLIDE profiles are constructed from extruded aluminium, ensuring their durability and robustness during use.
- Custom-designed guide rails make it possible for up to five modules to operate simultaneously.
- A panel's suspension on bearing-mounted rollers makes it easy to move and stop it at any point.
- The structure can be powder coated with any colour from the RAL range, meaning that it can be coordinated perfectly with a building's window fenestration or pergola.
- The OPEN SLIDE system holds a class 6 wind resistance classification and has been tested at the renowned ift Rosenheim laboratory.

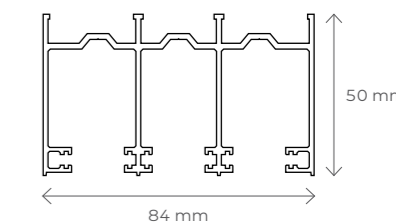


Maximum / Minimum frame width	1.2 m / 0.8 m
Maximum / Minimum module height	2.81 m / 2 m
Maximum guide rail length	7 m
Use - PERGOLAS	550 / 450 / 400 / 350 / SOLID
Adjustable louvre angle	toughened glass*
Motorised / Manual operation	NO / YES
Modular installation	YES

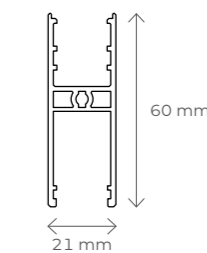
* The glass is not for sale.



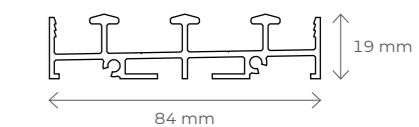
Cross section of a top profile



Cross section a bottom frame



Cross section of a bottom profile



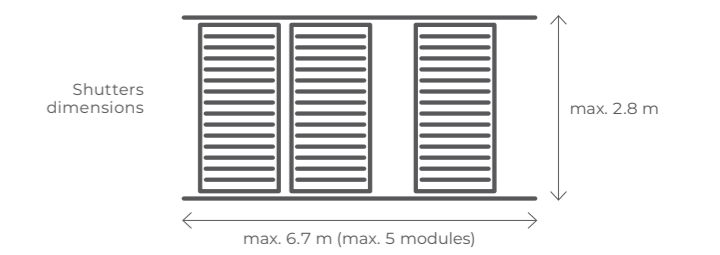
SHUTTERS

FEATURES:

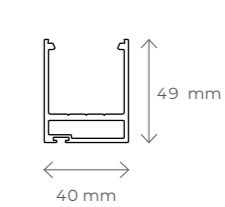
- OPEN SLIDE panels are constructed from extruded aluminium, ensuring their durability and robustness during use.
- Custom-designed guide rails make it possible for up to three modules to operate simultaneously. Double and triple guide rails are available.
- A panel's suspension on bearing-mounted rollers makes it easy to move and stop it at any point.
- The thoroughly thought-out system structure makes it possible to combine panels with a total length of 6.7 metres and using a maximum of five modules.
- The structure can be powder-coated in any RAL colour, allowing it to be perfectly matched to the window systems or pergola. The Shutters panel louvres are also available in six new wood-effect finishes.
- The product achieves wind resistance class 6.



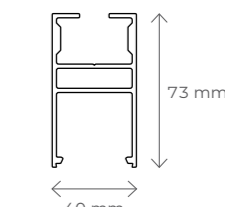
Maximum / Minimum frame width	1.5 m / 0.7 m
Maximum / Minimum module height	2.8 m / 1.5 m
Maximum guide rail length	6.7 m
Use - PERGOLAS	550 / 450 / 400 / 350 / SOLID
Adjustable louvre angle	YES
Motorised / Manual operation	NO / YES
Modular installation	YES



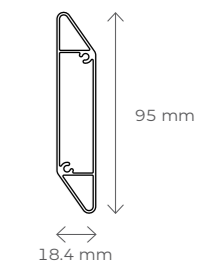
Side and bottom frame - section view



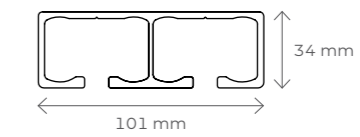
Top frame - section view



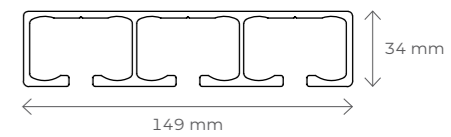
Louvre - section view



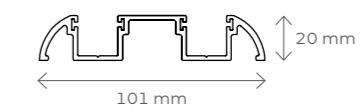
Top double-track guide rail - section view



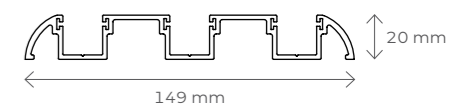
Top triple-track guide rail - section view



Bottom double-track guide rail - section view



Bottom triple-track guide rail - section view



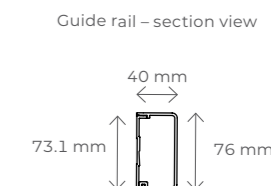
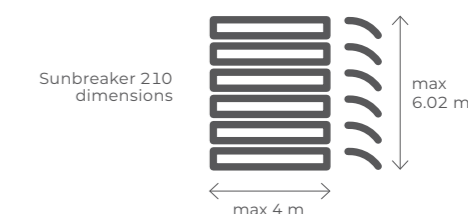
SUNBREAKER 210

FEATURES:

- SUNBREAKER 210 is an extruded aluminium structure.
- The elliptical louvres are 210 mm wide.
- In the closed position, the custom-designed shape of the louvres provides protection against precipitation.
- The lightweight structure provides the SUNBREAKER 210's long-term durability and strength.
- In the adjustable sunbreaker, the louvres can rotate up to 90° from their initial position.
- Vertical and horizontal installation is possible.
- The angle of the louvres is controlled by a linear motor
- Optional powder coating in any RAL colour
- The minimum system height is: 3 louvres for manual operation, 5 louvres for motorised operation (when the drive arm is not located on an end louvre), 4 louvres for motorised operation if the drive arm is positioned on an end louvre (not recommended).



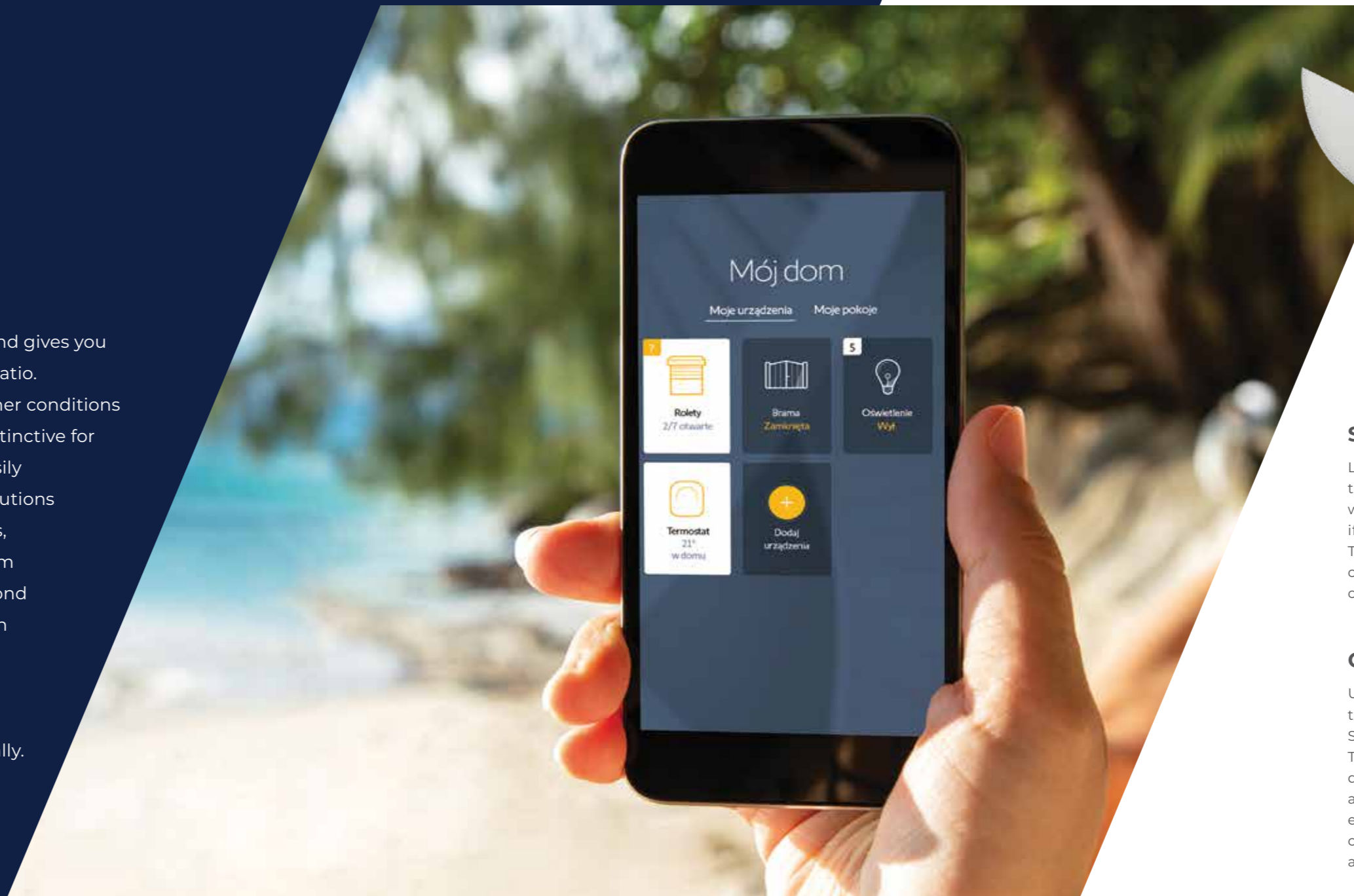
Maximum / minimum width	4 m / 1 m
Maximum / minimum height	6.02 m / 0.62 m
Motorised / Manual operation	YES / YES
Use - PERGOLAS	550 / 450 / 400 / 350 / SOLID
Adjustable louvre angle	YES
Modular installation	YES



INTELLIGENT MANAGEMENT

Leveraging automation in pergolas significantly enhance your comfort and gives you precision control over the amount of light and degree of shade on your patio. Smart systems also play a protective role by responding to adverse weather conditions and shielding the structure from damage. Cutting-edge solutions are distinctive for the simplicity of their installation and intuitive configuration, which is easily adapted to your changing needs. Pergolas by ALUPROF Sun Shading Solutions can be controlled in a number of ways, ranging from classic wall switches, via remote controls to online apps that provide full control over the system from wherever you are. Wind and sun sensors enable the system to respond automatically as the weather changes, guaranteeing optimum protection without the need for you to intervene manually.

Motorised operation adds even more to your comfort, allowing you to control the roof of your pergola and its fixtures and fittings automatically. The result is a system that works seamlessly, predictably and always on schedule.



SENSORS

Leveraging wind, sun and temperature sensors in smart buildings provides the possibility of automatically controlling sun shades as the weather changes. Precision weather sensors monitor environmental parameters and automatically close sun shades if a strong wind rises or opens them on a sunny day to provide optimum shade. Temperature sensors further optimise the indoor climate. The opportunity of programming your own response thresholds enables you to tailor the system's operations to the particular nature of your building and expectations.

OPERATION

Using motorised operation for sun shading systems brings you both comfort and the facility of programming your systems to open and close automatically. At ALUPROF Sun Shading Solutions, we collaborate with leading automatic system manufacturers. This what enables us to offer motorised operation of the highest quality, functioning quietly, smoothly and reliably for many years. Being able to fine tune the end positions and overload protection functions guarantees safety and comfort in use. Cutting-edge technology enables us to integrate the motorised operation into a diverse range of control systems. That, in turn, means that we can provide flexibility in terms of adapting to the individual needs of our users.

A PERFECT MATCH

Standard colours

RAL 1013 MATT	RAL 1015 MATT	VSR 240 SATIN	RAL 7001 MATT	RAL 7012 MATT	RAL 7015 MATT
RAL 7016 MATT	RAL 7016 TEXTURE	RAL 7021 MATT	RAL 7021 TEXTURE	RAL 7022 MATT	RAL 7024 MATT
RAL 7035 MATT	RAL 7037 MATT	RAL 7038 MATT	RAL 7039 MATT	RAL 7043 MATT	RAL 7048 MATT
RAL 8003 MATT	VSR 780 MATT	RAL 8014 MATT	RAL 8016 MATT	RAL 9001 MATT	RAL 9005 MATT
RAL 9005 TEXTURE	RAL 9006 MATT	RAL 9007 MATT	DB 703 MATT	FSM 71319 TEXTURE	RAL 9010 MATT
RAL 9010 TEXTURE	RAL 9016 MATT	MAHOGANY R 26	CHERRY R 27	WALNUT R 28	GOLDEN OAK R 30
MALT OAK R 49	WINCHESTER R 52				

The presented colour range includes shades of powder-coated structural elements, as well as wood-effect finishes, available exclusively for pergolas and sliding panels (Shutters and Slide). The availability of specific colours – both from the presented range and other RAL shades – depends on the product and is defined in its price list. Differences in shades resulting from different coating methods are permissible and do not constitute grounds for complaint. The information contained in this material is valid as of the date of publication and may be subject to change. Images are for illustrative purposes only.



ADDITIONAL ADVANTAGES



STATE-OF-THE-ART DESIGN – the wide variety of colours and finishes makes the pergola a distinctive decorative feature, adding a unique character to any property.



PROTECTION FROM THE RAIN AND SHELTER FROM THE SUN – an effective shield against sun and rain, enjoy your patio in full comfort all day long with our pergolas.



YEAR-ROUND USE – your pergola creates a comfortable outdoor area where you can unwind and enjoy time in the open air.



AN ADDITIONAL SPOT TO RELAX AND HANG OUT – your pergola will give you a unique place to relax, unwind and relish tranquil moments in the fresh air.



FAST DELIVERY – one of the shortest lead times on the market, allowing you to enjoy your new pergola without long waiting times.





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ALUPROF

SUN SHADING SOLUTIONS

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