

When far away is right here...

Play with natural features to make the outdoors a permanent part of life.

Live in harmony with your environment to better reconnect with yourself... Listen only to your true desires, and imagine a new space where freedom is everything...

Create your own haven, caressed by cool breezes...
Create harmony with nature to better tame the sun, heat, wind or rain...

Redesign your space and trace new lines between light and shade...

Enjoy the outdoors every day, whatever the weather, making the most of the passage of time. The art of outdoors living will transport you far away.









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- 11.50 AM
Breathe deeply

Vibrant

Enjoy a moment of true freedom.

Wake up gently with the morning sun, enjoy lunch in its warmth, feel the caress of the summer breeze, entertain and be entertained, and create a timeless bubble all of your own...

Here, you are truly free.

Because each Biossun space is an invitation to enjoy life on your terms, to make the most of every moment. Biossun spaces provide that special touch of harmony to allow you to make the most of everything life has to offer, no matter the season, a space opening out onto nature at its most inspiring and secluded.







Harmonious

Master the weather and the elements.

Come rain or shine, day or night, summer heat or winter chill... Biossun bioclimatic spaces allow you to enjoy the outdoors longer and more sustainably

This unique, cutting-edge outdoor shelter concept naturally regulates the temperature of your patio and your house while protecting you from bad weather or the sun's rays.

16.15 PM
Pause for thought



Elegant

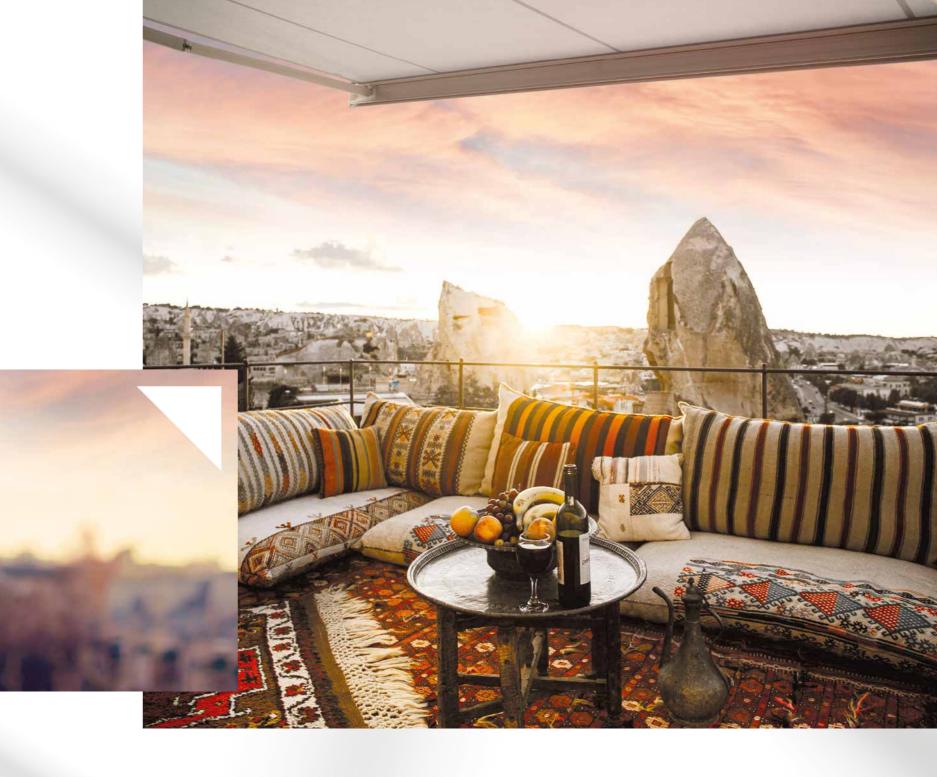
Where elegance meets excellence.

Tailor-made and customisable, Biossun Bioclimatic solutions can be adapted to blend seamlessly with any architecture, offering a new take on patios, balconies, terraces, pool houses or rooftops.

The exterior takes on a new decorative dimension. Designing an outside space is often a quest to find an ideal: somewhere you can be lost in thought, surrounded by the beauty of a panoramic view. Biossun solutions are your ticket to making this dream of escape a reality, all year round.

19.35 PM Share a perfect moment







22.10 PM Keep the evening alive

Radiant

Illuminate each moment.

The product of unique expertise and technology, each of our spaces is an expert blend of research, innovation and design.

We devote all our expertise to creating a reliable, 100% recyclable solution for you, made in France, meeting all new standards and architectural tends, for new builds or renovations, to create a perfectly timeless moment, every time.





I I Score: the Bio-Score is awarded on a scale of 0 (lowest performance) to 5 (highest performance), to allow you to find the bioclimatic solution best suited to your living space.



Performance in sunny weather: When the sun is out all day, Biossun bioclimatic solutions provide instant adjustment to balance sunshine, heat and light.



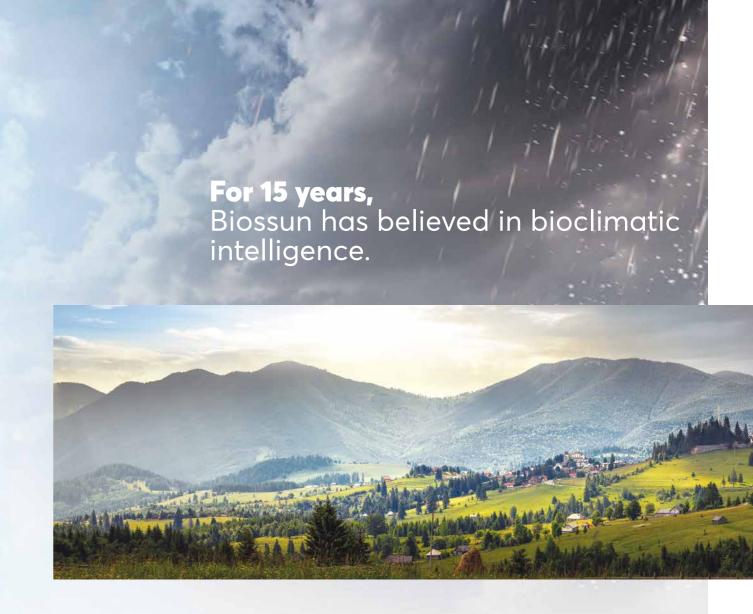
Performance in windy weather: in windy locations, Biossun bioclimatic solutions provide the perfect adjustment for light breezes or sustained wind, the ideal balance between cool and warm air.



Performance in wet weather: in light or heavy rain, Biossun bioclimatic solutions adapt perfectly to balance ambient humidity and freshness.



Performance in snowy weather (slats closed position): in snowy conditions, Biossun bioclimatic solutions are the smart choice to make the most of the outdoors in very cold weather with high ambient humidity.



Bioclimatic intelligence translates to a desire to create living spaces in harmony with their environment, making the most of natural features to protect, capture, transform, diffuse, and retain warmth or coolness.

Aware that our homes must make increasingly better use of the climate conditions, our expertise – outlined with the Bio-Score – is used to assess the bioclimatic performance of each solution at a glance.

Sun, wind, snow, rain... our protection and layout solutions know how to play with these natural elements to bring you the best in comfort and harmony!





Since 2009, Biossun has been building its expertise in pergolas using the principle of bioclimatic architecture.

Helping to strike the perfect balance between occupant comfort and climate conditions.

Each individual's needs for warmth and ventilation can be better met by making the most of the sun's rays and the natural circulation of air.

Pergola with retractable canopy

Bio PM 18	3 -	21
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Pergolas with adjustable slats

Bio 120 22 - 25

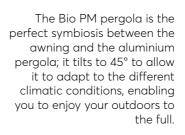
Bio **230**26 - 29

Bio **One**30 - 33

Pergola with retractable slats

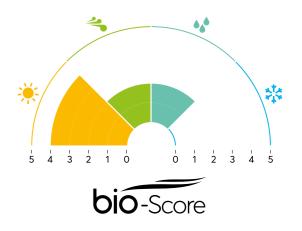










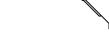


Guaranteeing comfort and well-being, the Bio PM pergola will protect you from the sun, thanks to its function that tilts it to 45°. Fully retractable, the Biossun pergola with canopy has a hard wearing aluminium structure.

Easy to customise and accessorise, it can be adapted to any style of home, inviting you to make the most of your outdoors for longer.



Fully motorised fabrics pergola



Can be tilted to 45° (for better sun protection)



With a wide range of units available



Different canopy colours available



Optional pelmet and lighting



Innovative design



Retracts automatically in the event of bad weather (with rain sensor option)

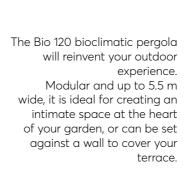


Find the accessories for our pergolas on pages 60-61

Bio Pergola with adjustable slats

Create a haven of peace, untouched by the weather, and redefine your space with the Bio 120 pergola.









A true haven of peace, the Bio 120 pergola has two installation options: an island at the heart of your garden to ensure your privacy, or against a wall to shelter your terrace and add a touch of style to your home.

Both the structure and slats are available in 350 colours. The LED lighting is integrated to give you the option to choose your ambient lighting.



Island or installation against a wall



Activated by remote-control or smartphone



Automatic closing (with rain sensor option)



LED strip lighting and/or spotlights



350 colours and finishes. 50 architectural colours available.



Double bay possible



Innovative design

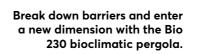


Flush-mounted socket



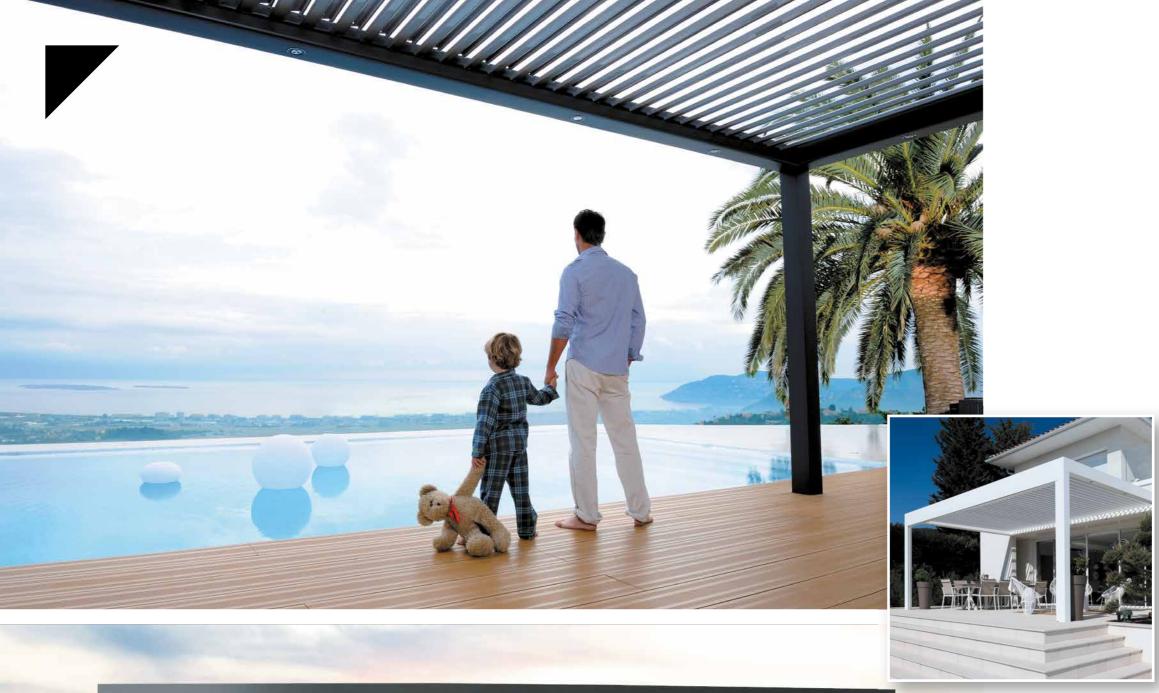


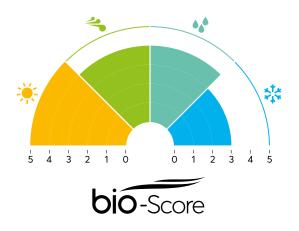




The Bio 230 bioclimatic pergola gives free reign to your imagination.
With a maximum width of 7 metres, it fits in with the rhythm of your life perfectly, bringing a unique dimension to your terrace.







The Bio 230 bioclimatic pergola is ideal for all projects covering a terrace up to 31,5 m² in a single bay installation. The fully integrated lighting (spotlights and/or LED strips) creates the perfect ambient lighting, whether you are socialising or relaxing.

You can also customise the Bio 230 bioclimatic pergola as you see fit and in keeping with the spirit of your home, with 350 colours and finishes and 50 architectural shades to choose from.



Double bay possible



Up to 31.5 m² in a single bay installation



Activated by remote-control or smartphone



350 colours and finishes. 50 architectural colours available



Island or installation against a wall



LED strip lighting and/or spotlights

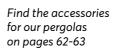




Innovative

design

Automatic closing (with rain sensor option)



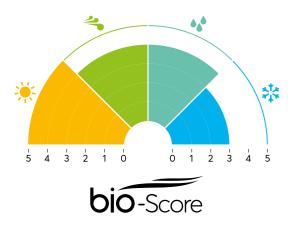




Bio Pergola with adjustable slats



The Bio One bioclimatic pergola brings a unique elegance to your terrace. Available in widths up to 6 m, it allows you to create a bubble of peace and to imagine a new art of outdoor living.



With the Bio One bioclimatic pergola, you can customise your sunlight or shade whatever its position on the terrace. Using a unique, patented process, each slat can be angled to the precise degree, either individually or by area.

A genuine terrace 2.0, it is plugged in directly to all your sun and fresh air needs: you can control and configure it from your smartphone or tablet.

The BIO One bioclimatic pergola has two installation options: at the heart of your garden to protect your privacy or against a wall to cover your terrace and add style to your home.



Slats can be oriented either individually or by zone.



Closes automatically in adverse weather conditions. (with rain sensor option)



design



Activated by remote-control or smartphone



Unique patent



LED strip lighting and/or spotlights



350 colours and finishes. 50 architectural colours available.



Island or installation against a wall



Flush-mounted socket

Find the accessories for our pergolas on pages 62-63

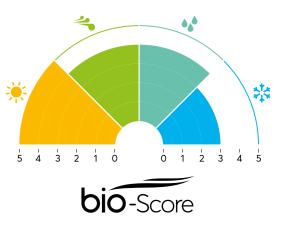




E- E- Pergola with retractable slats

35





Thanks to its retractable slats, the E-Motion pergola gives you an opening onto the sky of over 87% with the slats fully retracted.

Its unique patented process allows you to angle each slat independently to the precise degree, either individually or in zones, from your smartphone or tablet.



Island or installation against a wall



Slats can be individually retracted and angled



Closes automatically in adverse weather conditions (with rain sensor option)



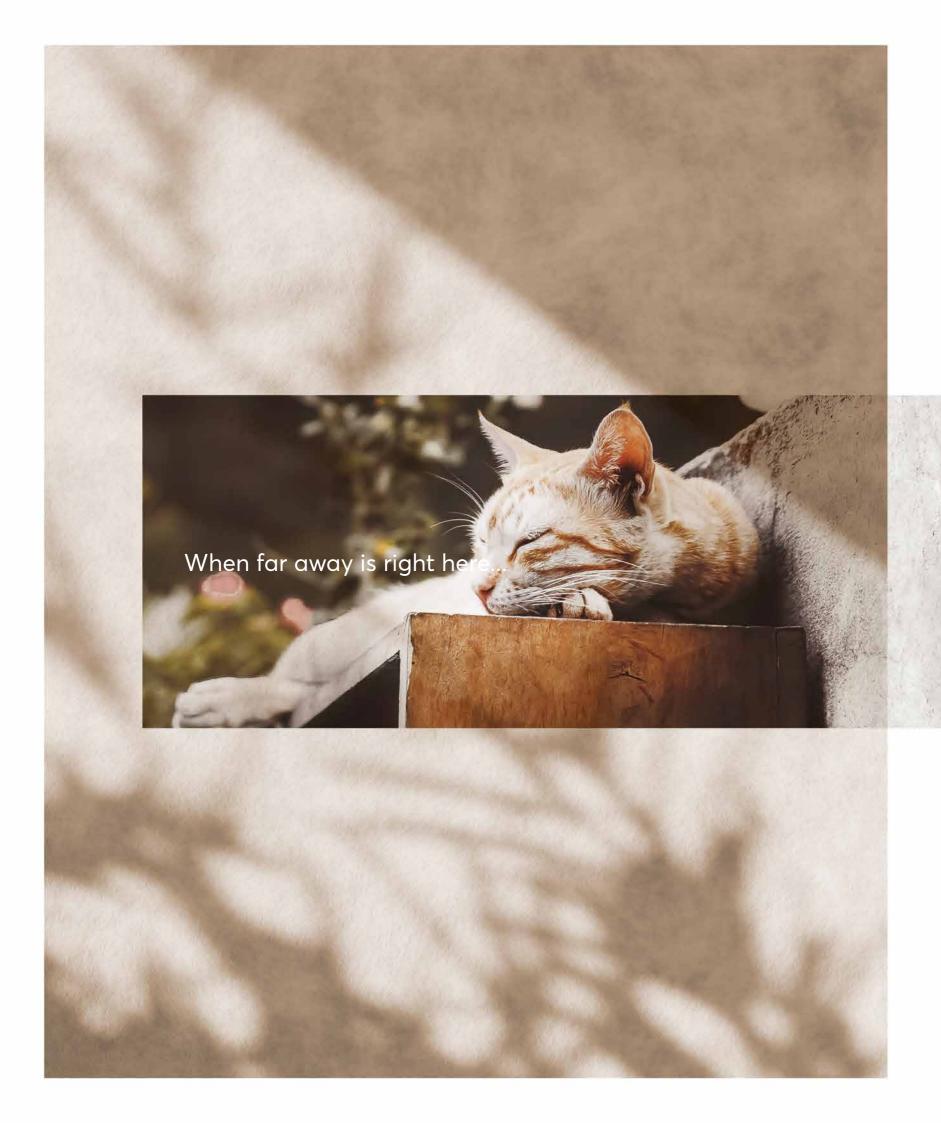
350 colours and finishes.50 architectural colours available.



Activated by remote-control or smartphone



LED strip lighting and/or spotlights



Stores

Offering comprehensive sun protection, Biossun screens will ensure you never want to leave your terrace.

Thanks to the unrivalled technology used in these retractable canopies, you can adapt the shading of your outside area at any time of the day whilst enjoying perfect natural ventilation.

The flexibility of this concept and its wide range of accessories are a real benefit, making it a high quality option for sun protection.

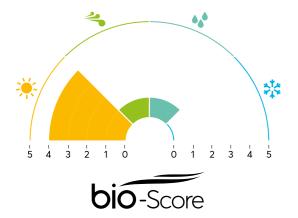
Awning

Bio KD	10 - 43
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Screen with vertical drop

Zipsun	 44 - 47





Thanks to its great flexibility, the BIO KD awning can be adapted for use in the most intimate of spaces or across very large areas. With a robust structure, the awning is the perfect solution to make the most of your terrace, offering optimal comfort.

With many options to customise and accessorise, it can be adapted to suit your desires.



With a wide range of units available



Fully motorised awning



Optional pelmet and lighting



Different canopy colours available



Retracts automatically in the event of bad weather (with rain sensor option)



Innovative design

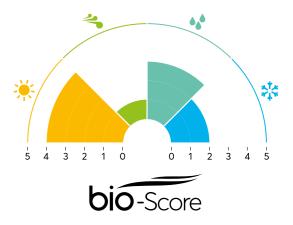




Screen with vertical drop

Protect yourself from the sun's rays and from being overlooked.





Available in a range of colours, Zipsun protects your terrace from bad weather and the setting sun while still letting the light in.

The screen is opened and closed by means of a Biossun remote-control.



Fully motorized vertical descent screen



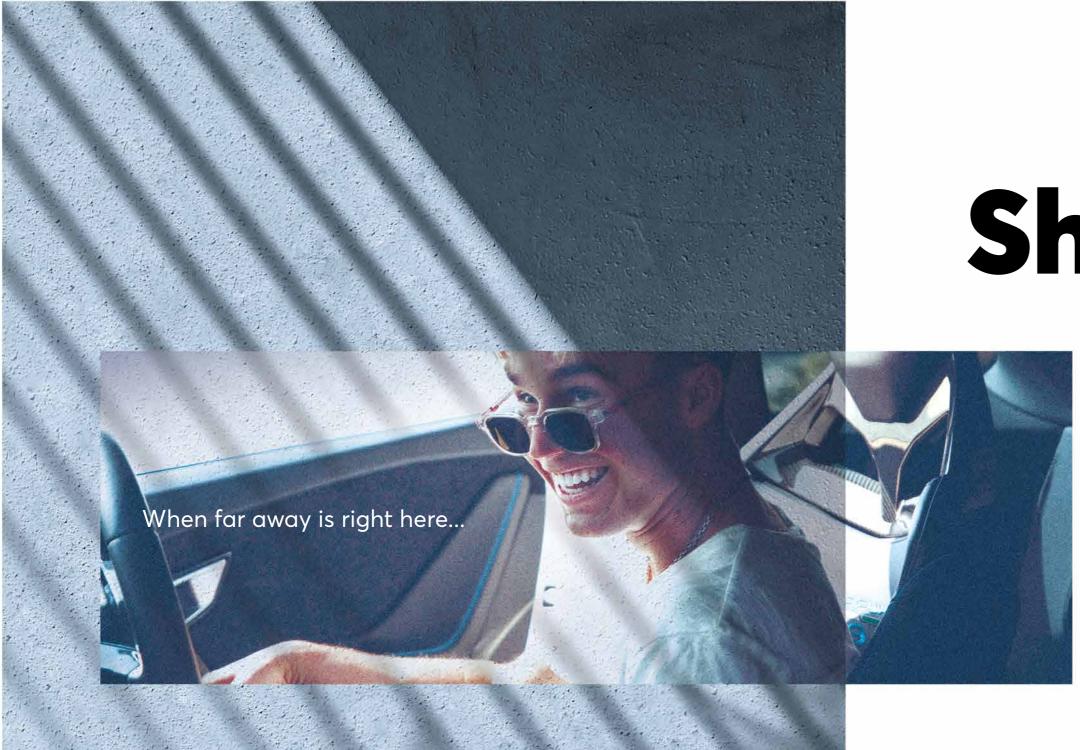
Different canopy colours available



Innovative design



Activated by remote-control



Shelters

Deep, clean lines, a resilient and robust structure, Biossun shelters protect against the sun and bad weather with style, whilst enhancing the architectural harmony of your home.

Car	
	50 - 5
Living space	
Living space	54 - 5

Enter a new dimension and forget the weather with the carport.

No need to de-ice your windscreen on very cold days or to worry about the car standing in the sun too long.
A new generation space which can also be transformed into a multi-use shelter.







The Biossun carport protects your vehicle from rain, frost, sun and heavy snowfall (fixed roof that can bear a weight of up to 195 kg $/m^2$). Either single or double bay, as a standalone structure or installed against a wall, with or without offset posts, manoeuvring your vehicle is absolute child's play.

The Biossun aluminium carport is available in 400 colours both for the structure and for the slats. The optional white LED strip lighting, managed remotely by a remote-control or via the motion detector, will ensure your safe arrival. An optional socket flush-mounted on the post allows you to connect your gardening or DIY power tools.



Single or double bay installation



Lighting with motion detector and remote-control



Stand-alone structure or installed against a wall



350 colours and finishes 50 architectural colours available



Fixed slats, 300 mm wide, that can withstand snowfall of 195 kg/m²



Flush-mounted socket











Relax, enjoy a cocktail, or take some well-deserved me-time in your Biossun living space...

With a range of accessories available, this multifunction shelter with a fixed roof can be transformed into a gym, leisure area, or even an office.

Equipped with optional LED lighting, with custom dimensions and colours, the Biossun living space can be designed to match the architecture of your home.



Single or double bay installation



LED strip lighting



Stand-alone structure or installed against a wall



350 colours and finishes 50 architectural colours available



Innovativ

Innovative design

Find the accessories for our shelters on pages 66-67





Your comfort is essential and the equipment for your Biossun bioclimatic solution is no afterthought: lighting, closing, attachment and control solutions to orient one, several or all of the slats based on the weather conditions or your needs...

With all these custom options, you can choose to upgrade your equipment over time as your plans for your outdoor space change.

Pergola

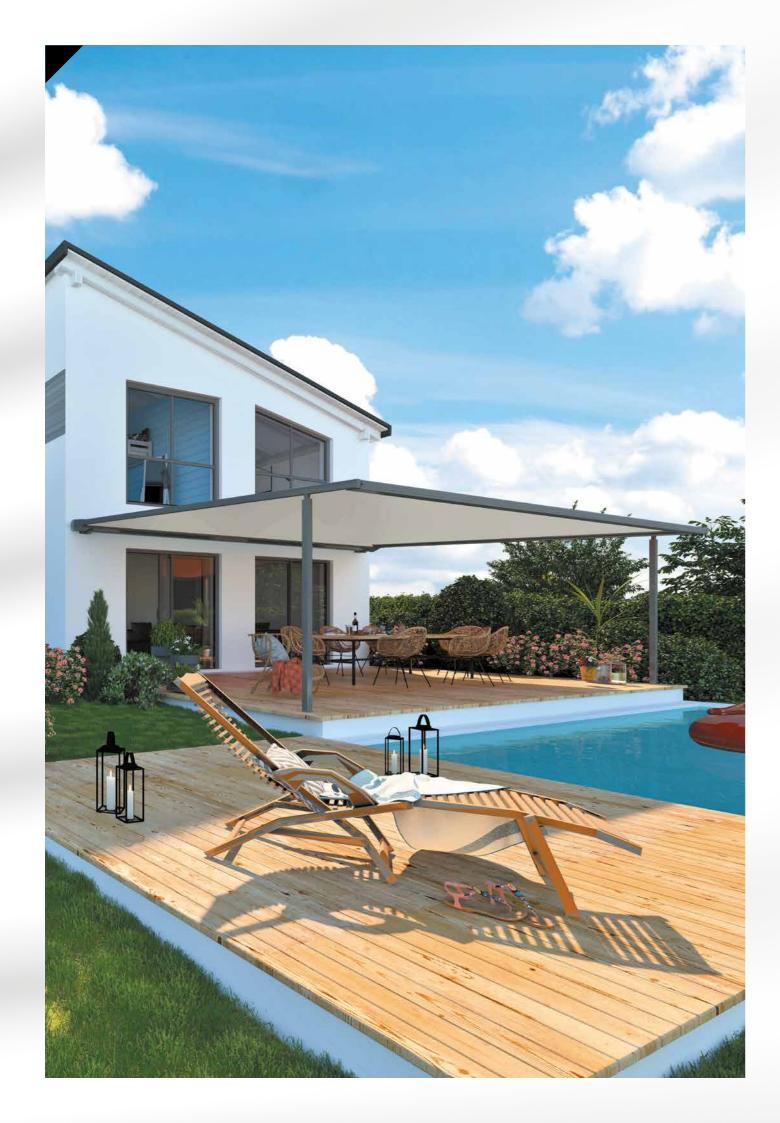
WI	th	retr	actab	le canopy
				60 - 6′

Pergolas

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Shelters 66 -	6
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Sun protection solution



Pelmet

The pergola with canopy can be equipped with a pelmet to offer greater privacy and boost the sun protection.

Control solution



Remote-control

Control the extension and retraction of your pergola and canopy with ease, along with the lighting, using the Somfy remote-control

Lighting solution



LED lightingSpend delightful evenings on your terrace thanks to the optional LED ambient lighting, integrated into the guide rails and/or under the box section.

Fabrics





Elegant, modern and resistant, Biossun offers a wide range of fabrics that perfectly fit your needs in terms of color, design and quality and will give a special atmosphere to your terrace. The canopies from Biossun are made from highly-technical fabric which is ultra-resistant to UV rays.

Closing solutions



Zipsun screen

Zipsun screens with vertical drop protect your terrace from bad weather and the setting sun while still letting the light in. The screen is opened and closed by means of a Biossun remote-control.



S-shaped or flat bioclimatic slats

Available as choice of S-shaped or flat slats, for a custom appearance, without any compromise in protection against the weather and access to natural ventilation.



Sliding glass door

Adapt your outdoor space while protecting your terrace from rain or wind with a sliding glass door fully integrated into the structure to offer you a 360° view of your surroundings.

Control solutions



Anemometer and rain sensor

In the event of unexpected rain, the slats on your pergola will respond to a sensor and close automatically. The Biossun wind sensor (anemometer) allows the slats to be opened, after setting, once the wind exceeds 50 km/h.



Biossun remote-control

The motorised slats in the bioclimatic pergolas can be opened and closed with the Biossun remote-control.

Depending on the equipment selected, the remote-control can also be used to control the lighting and the raising/lowering of the screens.

Lighting solutions



Spot lighting

Control the ambient lighting to suit your evening plans thanks to lighting rails with 3 or 4 LED spotlights, based on the configuration of your bioclimatic pergola.



LED strip lighting

Highlight the detail of your pergola's lines with the 8-colour RGB LED strips.

Attachment solution



Planter fixings

If it is not possible to fix your Biossun bioclimatic pergola into the ground (e.g. roof terrace), planter fixings in a matching of your structure can be used to stabilize it.

Electrical solution



Post socket

A flush-mounted socket in one of the posts gives the option to have a 230 V connection underneath your pergola to power a range of appliances: mobile phones, audiovisual equipment, speakers, barbecue, etc.

Connected solutions



Bio One & e-Motion app

To angle the slats on e-Motion and Bio One bioclimatic pergolas individually, install the "Bio'Motion Pergola" app on your smartphone and tablet. Ergonomic and smart, the app will give you the option to control the e-Motion or Bio One bioclimatic pergola, at your fingertips, remotely or from your lounge.



My Biossun® local app

The My Biossun app is available on IOS and ANDROID devices. Linked to a control unit, it allows you to control the pergola remotely. The app is mainly available for the Bio 120 and Bio 230 models with the following options: choices for the orientation of slats, LED and RGB lights, and opening/closing of the screens and slats.



Sun protection solution



Pelmet

The awning can be equipped with a pelmet to offer greater privacy and boost the sun protection.

Control solution



Remote-control

Control the extension and retraction of your awning with ease, along with the lighting, using the Somfy remote-control.

Lighting solution



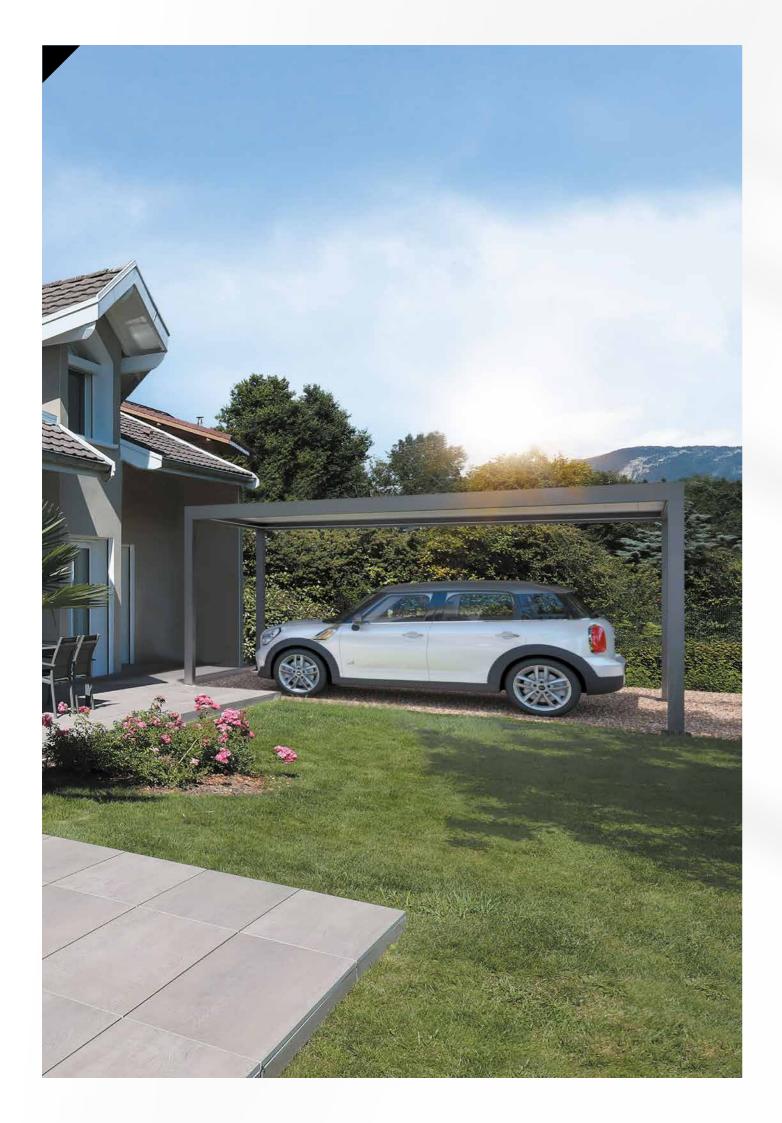
LED lightingSpend delightful evenings on your terrace thanks to the optional LED ambient lighting, integrated under the box section.

Fabrics





Elegant, modern and resistant, Biossun offers a wide range of fabrics that perfectly fit your needs in terms of color, design and quality and will give a special atmosphere to your terrace. The canopies from Biossun are made from highly-technical fabric which is ultra-resistant to UV rays.



Lighting solution



LED lighting

Optionnal, the lighting activited via le motion sensor ou via the remote control, ensure you a safe arrival.

Attachment solution



Planter fixing

Planter fixings, coloured to match the Biossun shelter, can be used to stabilise it.

Electrical solution

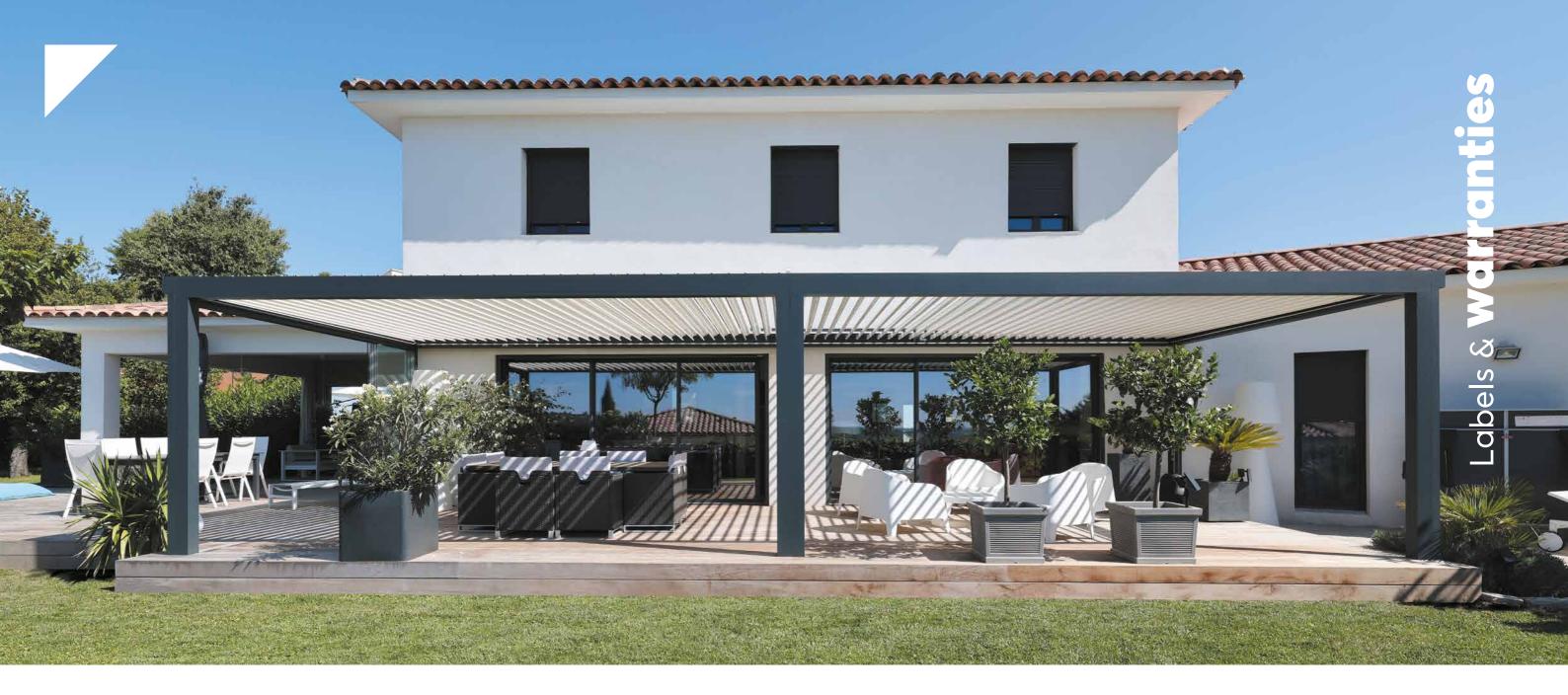


Post socket

A flush-mounted socket in one of the posts gives the option to have a 230 V connection underneath your carport to power a range of appliances: mower, vacuum, electric vehicle charger, etc.

Technical specifications

	Bio 120	Bio 230	Bio ONE	E-Motion	Bio PM	Bio KD	Zipsun	Shelters
Tilt-adjustable	Simultaneous tilting of slats	Simultaneous tilting of slats	Tilting of single slats + Simultaneous tilting of slats	Tilting of single slats + Simultaneous tilting of slats	No	No	No	No
Retractable	No	No	No	Yes	Yes	Yes	-	-
Types of slat	160 mm S-shaped or flat slats	160 mm S-shaped or flat slats	200 mm S-shaped slats	200 mm S-shaped slats	-	-	-	Fixed slats 300 mm wide Resistance to snow: 195 kg per m²
Type of fabrics	-	-	-	-	Acrylic or polyester fabric for the roof Fiberglass fabric with PVC coating for the pelmet	Acrylic or polyester fabric for the roof Fiberglass fabric with PVC coating for the pelmet	Fabrics made of glass fibers with PVC coating, natural atmosphere thanks to the smoothed structure.	-
Dimensions	Recommended installation height: 2,7 m Maximum width: 5.5 m Maximum depth: 4 m (depending on the slat type)	Recommended installation height : 2,7m Maximum width: 7 m Maximum depth: 4.5 m (depending on the slat type)	Recommended installation height : 2,7m Maximum width: 6 m Maximum depth: 4 m	Recommended installation height: 2,7m Maximum width: 6 m Maximum depth: 4 m	Max width: 6.5 m Max overhang: 4.5 m (5 m for the max width of 6 m) Up to 60 m² of coverage possible (double PM)	Max width: 7 m Max overhang: 4 m If with pelmet: Max width: 6.5 m Max overhang: 3.25 m Up to 49 m² of coverage possible (double PM)	Max width: up to 6000 mm Max height: up to 3000 mm	Max. installation height: 2.7 m Single carport: 5185 x 2990 mm with optional offset post(s) Single carport: 5185 x 3300 mm without offset post(s) Double carport: 5485 x 5980 mm without offset post(s)
Design	Unique beam design Beam height: 190 mm Square posts measuring 120 mm x 120 mm including 1 technical post	Unique beam design Beam height: 230 mm Square posts measuring 150 mm x 150 mm including 1 technical post	Unique beam design Beam height: 230 mm Square posts measuring 150 mm x 150 mm	Unique beam design Beam height: 340 mm Square posts measuring 150 mm x 150 mm	Minimum inclination for rain protection: 15°	Canopy can be tilted to 35°	Narrow, aesthetic slide	Simple carport Beam height : 190 mm Square posts : 120 x 120 mm Double carport Beam height : 230 mm Square posts : 150 x 150 mm
Control	Multifunction remote control, rain sensor wind sensor, My Biossun app	Multifunction remote control, rain sensor wind sensor, My Biossun app	Android or iOS app, dedicated mini-site, rain sensor, wind sensor	Android or iOS app, dedicated mini-site, rain sensor, wind sensor	Somfy remote control	Somfy remote control	Multifunctional remote control, obstacle detector	-
Colour palettes	350 colours and finishes and 50 architectural shades	350 colours and finishes and 50 architectural shades	350 colours and finishes and 50 architectural shades	350 colours and finishes and 50 architectural shades	Different fabrics colours and structures possible	Different fabrics colours and structures possible	Different fabrics colours and structures possible	350 colours and finishes and 50 architectural shades
Possible locations	Single bay Island or against a wall	Single or double bay Island or against a wall	Single bay Island or against a wall	Single bay Island or against a wall	Attached to the wall or underneath the ceiling	Attached to the wall or underneath the ceiling	In tunnel or in facade integrated under a pergola with adjustable slats	Single or double bay Island or against a wall
	Lighting: Comfort: Strip of spotlights Ambient: White or RGB strip LED	Lighting: Comfort: White LED spotlights integrated into the structure Ambient: White or RGB strip LED	Lighting: Comfort: White LED spotlights integrated into the structure Ambient: White or RGB strip LED	Lighting: Comfort: White LED spotlights integrated into the structure Ambient: White or RGB strip LED	Pelmet: polyester, different colour options available, max height 1.60 m	Pelmet: polyester, different colour options available, max height 1.60 m		Planter fixing
Optional equipment	Island kit - Zipsun Screen sliding glass door Wind sensor - Rain sensor planter fixing Smartphone connection (My Biossun)	Island kit - Zipsun Screen Adjustable spotlights - sliding glass door planter fixing Wind sensor - Rain sensor Smartphone connection (My Biossun)	Island kit - Zipsun Screen Adjustable spotlights - sliding glass door planter fixing Wind sensor - Rain sensor Smartphone connection (My Biossun)	Island kit - Zipsun Screen Adjustable spotlights - sliding glass door planter fixing Wind sensor - Rain sensor Smartphone connection (My Biossun)	White LED lighting underneath the box unit. 2 lighting positions possible: 50 or 100%. Wind sensor	White LED lighting underneath the box unit. 2 lighting positions possible: 50 or 100% Wind sensor	Crystal window, wide slide rail	Lighting: white LED strips incorporated into the structure for safe arrival/ Lighting activated by presence detector or remote controlled. Electricity: socket embedded in the post
	Electricity: socket embedded in the post	Electricity: socket embedded in the post	Electricity: socket embedded in the post	Electricity: socket embedded in the post	Rain sensor	Rain sensor		69



More than 40,000 customers have placed their trust in us to enhance the look of their terraces, and improve their day-to-day comfort. And because each project is unique and tailored to meet a need or fulfil a dream, we will always be there to guide you through the process...



Bureau Veritas Certification has evaluated Biossun's bioclimatic pergolas manufacturing activities, and certifies that its products have demonstrated compliance with the requirements of the reference standard: GUARANTEED OF FRENCH ORIGIN. Certification number 6028275.



All components of our pergolas benefit from continuous aluminium thermal coating controls in order to guarantee a high-quality finish and protection.



To check their resistance, Biossun has tested its pergolas in both normal daily and extreme climate conditions. This means an ability to withstand wind speeds of almost 200 km/h, evacuation of rain water at intensities categorised as high (130 mm/h) to very severe (170 mm/h), and the impact from dust or sand storms have all been tested by the C.S.T.B (Scientific and Technical Centre for Building). Certification references EN-CAPE 12.208 / EN-CAPE 12.209 & EN-CAPE 13.131 C-V0.



- 5 YEARS WARRANTY* Electronics
- 5 YEARS WARRANTY* Motorization Bio 120 and Bio 230.
- 5 YEARS WARRANTY* Bio PM, Retractable Pergola and Bio KD, Awning
- 2 YEARS WARRANTY E-Motion and Bio One motorization
- 2 YEARS WARRANTY Lighting, Remote Control, Rain Sensor and Anemometer

^{* 3-}year warranty - to benefit from the 5-year warranty (2 years offered by Biossun) go to your biossun.com customer area to activate your warranty extension.















www.biossun.com