

Always relax in the right light.
With WAREMA awnings



Cassette awnings
Articulated arm awnings
Patio side screens
Pergola awnings
Patio roofs

Der SonnenLichtManager



A modern, two-story house with a grey facade and a dark brown tiled roof. A large, white, curved patio awning extends from the front of the house, covering a paved patio area. On the balcony above, there is a metal railing and a large window with horizontal slats. The house is surrounded by a green lawn and some trees in the background.

WAREMA patio awnings for individual sun protection

An outdoor feel-good oasis - this is what WAREMA patio awnings create. From articulated arm and cassette awnings through to pergola awnings and patios we offer you pioneering solutions which convince from a technical point of view and are designed for the individual requirements of your home. Improving the energy balance of buildings, the value of your property and your own quality of life.



The leading SunLight Manager 2


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- Patio roofs

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A modern, two-story house with a white facade and large windows covered by dark, horizontal slatted sun shading systems. The house is set against a backdrop of green trees and a blue sky. In the foreground, there is a stone wall, a gravel garden with small green shrubs, and a paved walkway.

The right products for your dream house

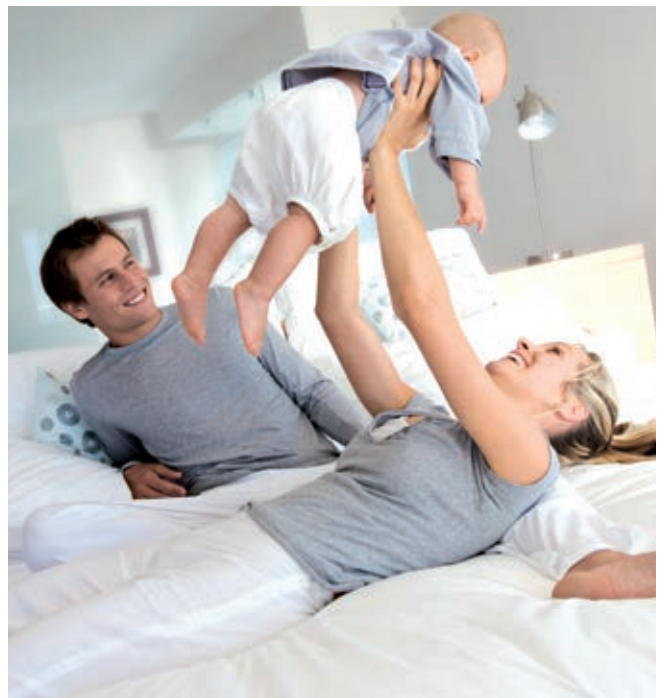
We develop and produce modern and functional sun shading system solutions which enable an active SunLightManagement. We rely very consciously on the strengths of a family-owned company based in Germany. As a full-range provider we deliver expert solutions from a single source the quality of which you can rely on. Our actions and approach are consistently geared towards increasing customer benefit. To this end we now offer a growing range of products and performances tailored to your requirements.



Especially our varied and innovative product developments of experienced experts, our high quality standard, the individually manufactured products and the extensive services are essential for our position as leading SunLight Manager.

The most modern manufacturing technique and handwork are equally important for our manufacturing of the sun shading control systems depending on order, whereas the aspects sustainability and protection of the resources are taken into consideration for all processes. Apart from first-class products we offer a comprehensive range of services our expert partners which supports their daily work.

We offer various possibilities for external heat protection, internal glare control and control systems to contractors – from the choice from our wide range of products through to individual special solutions. We can guarantee complete professional advice and comprehensive information about our products that take into account current energy saving regulations and recent developments in standards for the building sector.



Sun protection from A to Z

Unattractive and boring purpose-built buildings are a thing of the past – continuous glazed facades and special shapes have become a staple of modern architecture. The desire for individual style is constantly growing. This new diversity also demands a similar diversity of sun shading systems. WAREMA offers an individual and perfect solution for every architectural style – both indoors and outdoors.



External venetian blinds

Venetian blind facade systems, venetian blind window systems, front-mounted external venetian blinds, top-mounted external venetian blinds for new buildings, asymmetrical external venetian blinds, metal system venetian blinds, wind-stable external venetian blinds, daylight guiding venetian blinds



Roller shutters

Front-mounted roller shutters, top-mounted roller shutters, top-mounted roller shutters for new buildings, renovation roller shutters, asymmetrical roller shutters, security roller shutters



Large slats

Single-walled slat systems, hollow slat systems, large slat systems



Internal sun shading systems

Venetian blinds, vertical louvre blinds, roller blinds, pleated blinds, panel curtains





Patio awnings

Articulated arm awnings, cassette awnings, conservatory awnings, patio side screens, horizontal awnings

Pergola awnings and patio roofs



Window awnings

Window awnings with ZIP guidance, vertical awnings, facade awnings, drop-arm awnings, markisolettes

Sun sail



Insect screens

Fixed, pivoted sash frames, roller blinds, insect screen pleated blinds, swing doors, light well covers

Black-out blinds

Vertical black-out blinds, horizontal black-out blinds, ZIP black-out blinds

Control systems

Radio systems, central control systems, WAREMA climatronic® 3.0, sensor, KNX technology, LonWorks® technology, BAline

WAREMA OPTI SYSTEM

Room climate intelligently controlled



Optimal sun shading systems and significant energy savings are interesting aspects for any home owner today. The WAREMA OPTI SYSTEM provides the ideal room temperature – pleasantly cool in summer and cosily warm in winter. Fully automatic with maximum comfort. With existing heat protection glazing, the combination of external adjustable sun shading systems, internal glare control and intelligent control saves up to 40 percent of energy costs.

Further information can be found at www.warema.com/optisystem

External sun shading systems

External WAREMA sun shading systems reduce solar incidence of energy. Incidence of light is optimised to allow for sufficient daylight utilisation without glare. The concept is simple: Depending on time of day or year more or less sunlight is allowed in and the system uses more or less of the possible solar energy gain.



Internal sun shading systems

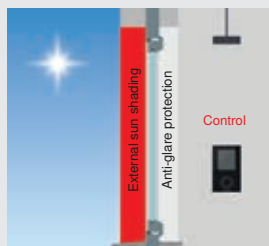
The internal WAREMA product provides additional glare control all year round, providing comfort and a high level of convenience. Visual privacy or view out can be individually adjusted. High-grade materials and a varied colour palette provide each room with an individual style.

Intelligent control system

WAREMA control systems create the ideal room climate with optimum daylight utilisation. They make use of solar energy according to demand and around the clock.

Summer daytime

Solar incidence of energy has to be kept low on a hot summer day. Incidence of light should be high enough to allow for sufficient daylight utilisation without glare. Additional internal glare control can be used where requirements are especially high.



Summer nights

At the end of a hot summer day the building will have heated up. At night the control raises all existing sun shading system components which block the heat flow from the inside to the outside. This supports the building cooling down.

Winter daytime

Solar energy gains should be used on a cold winter day. When the sun is low the requirements for glare control are especially high. Only internal glare control with low transmission is used. Dark colours ensure that a large quantity of solar energy can be used.



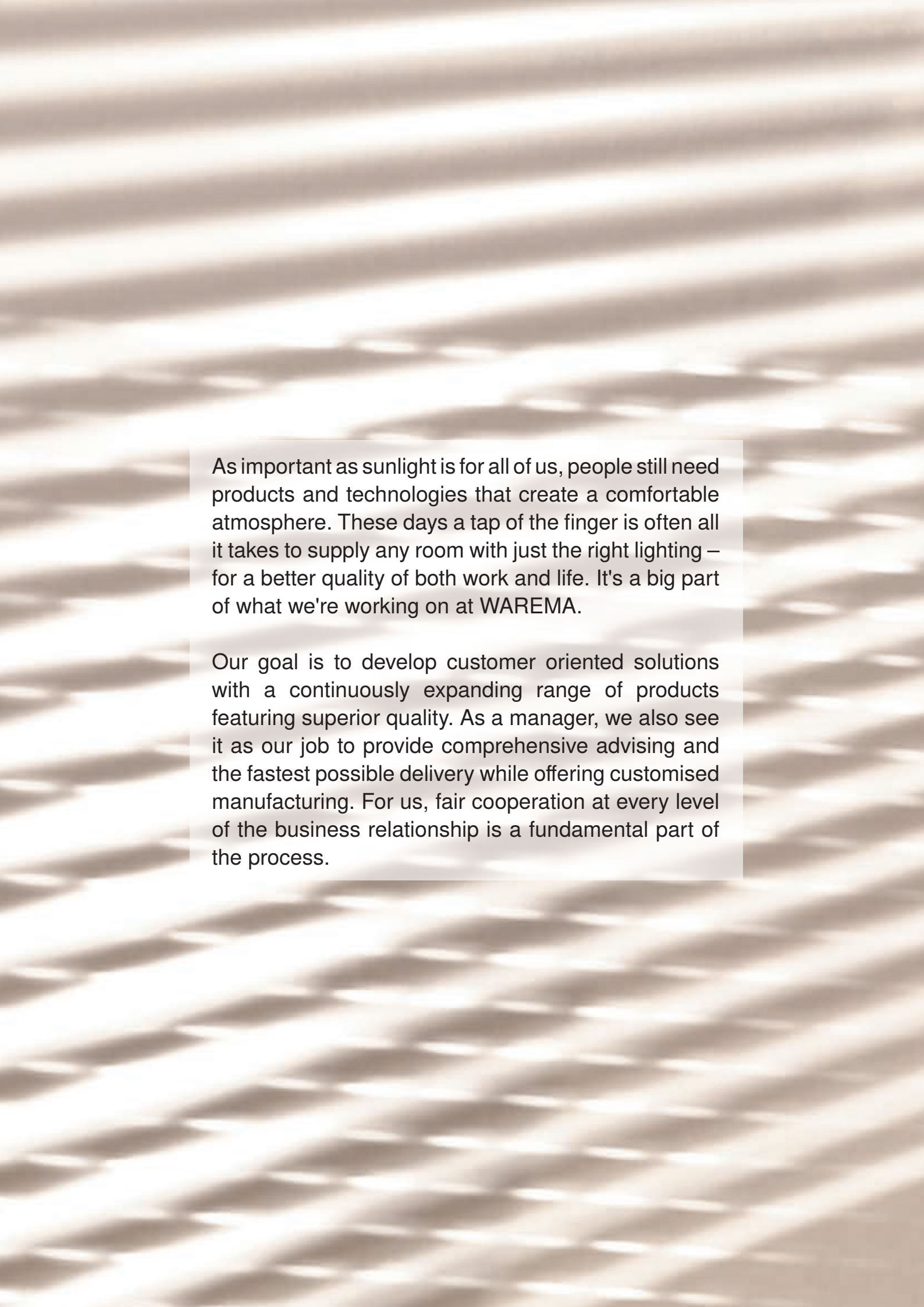
Winter night time

During the cold winter night the building has to be protected from heat loss. This requires all sun shading products to be lowered. The resulting air pockets between the individual components improve heat insulation.

The sun can't be controlled,
but it can be managed.



Der SonnenLichtManager



As important as sunlight is for all of us, people still need products and technologies that create a comfortable atmosphere. These days a tap of the finger is often all it takes to supply any room with just the right lighting – for a better quality of both work and life. It's a big part of what we're working on at WAREMA.

Our goal is to develop customer oriented solutions with a continuously expanding range of products featuring superior quality. As a manager, we also see it as our job to provide comprehensive advising and the fastest possible delivery while offering customised manufacturing. For us, fair cooperation at every level of the business relationship is a fundamental part of the process.

Fields of application

Patio awnings



Cassette awning K70

The individual models of WAREMA patio awnings create pleasant shading, while preserving the nice airy atmosphere. The following pages give an overview of which awnings are suitable for which fields of application – according to our high quality standard: accurately fitted solutions for individual customer demands.



Patio

Available products

- Cassette awnings
- Articulated arm awnings
- Patio side screens
- Patio roofs
- Pergola awnings



Balcony

Available products

- Cassette awnings
- Articulated arm awnings
- Pergola awnings
- Patio side screens



Catering

Available products

- Pergola awnings
- Patio roofs
- Patio side screens

Cassette awnings

Individual comfort



WAREMA cassette awnings offer highly reliable sun protection and leave room for personal creativity. A large selection of fabrics and colours allow individual and harmonious comfort – for the nicest days of the year. Particularly practical and effective: Fabric and articulated arms of the awning are ideally protected by an elegant cassette. With a valance roller blind the awning provides additional shading for low sun while also protecting from prying eyes.



► Your benefits:

- Functionally fully developed technology ensures stylish sun protection
- cassette offers best possible protection for fabric and articulated arms
- Modern design with many design options
- Sturdy fixing brackets for wall, ceiling or rafter mounting ensure secure fixing of the awning



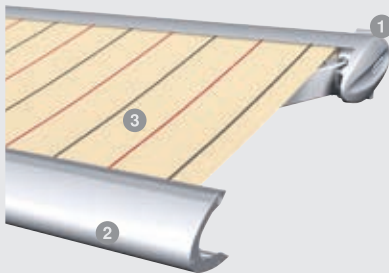
Features

- Construction limit values (depending on type):
 max. width: 7000 mm
 max. projection: 4000 mm
 max. inclination angle: 40°
- Articulated arm: Power transmission through segment, chain, cable or flexband
- Drive: crank, motor, radio motor
- Brilliant accessories (optional, depending on type):
 Integrated LED stripes in front rail and/or in the cassette, halogen or LED light rail, radiant heater, valance or valance roller blind, patio side screen, patio frame

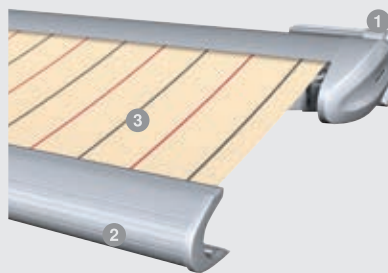
Fields of application and mounting

- Patio and balcony
- Wall and ceiling installation
- Rafter installation
- Mounting in protected and unprotected location (through closed cassette)

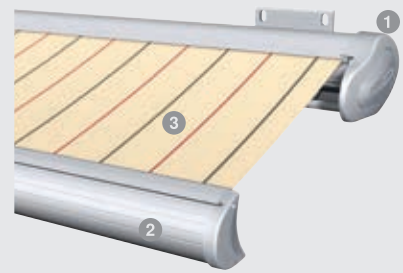
Cassette awning 550



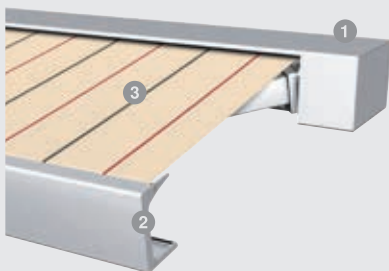
Cassette awning 580



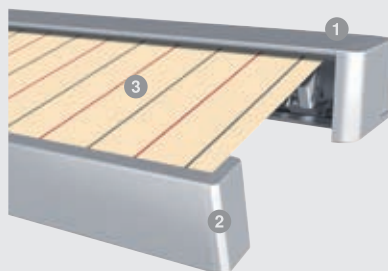
Cassette awning K60



Cassette awning K50



Cassette awning K70



- ① Cassette
- ② Front profile
- ③ Fabric



Articulated arm awning half-closed

Light and airy atmosphere

The half-closed articulated arm awnings by WAREMA bring colour, light, and an airy atmosphere into harmony on patios. The integrated rain shelter perfectly protects fabric and mechanism. Where a big projection, but a small awning width is necessary, the LB model ensures optimal shading. Choose the suitable product from our varied accessories programme for your oasis on the patio: Radiant heaters, lighting and other accessories leave nothing to be desired.



► Your benefits:

- Protection for fabric and articulated arms through the standard rain hood
- Large selection of design options
- Additional fabric protection from below through optional fabric bearing shell
- LB model available for large projection with small awning width



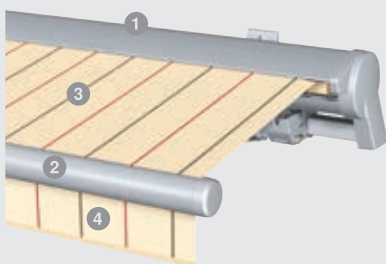
Features

- Construction limit values:
max. width: 7000 mm
max. projection: 4000 mm
max. inclination: 45°
- Articulated arm: Power transmission through segment, chain or cable
- Drive: crank, motor, radio motor
- Brilliant accessories (optional): Integrated LED stripes in front rail, halogen or LED light rail, radiant heater, valance or valance roller blind, patio side screen, patio frame, LB model, turning gear

Fields of application and mounting

- Patio and balcony
- Wall and ceiling installation
- Rafter installation
- Mounting in protected and unprotected location (through rain protection and optional fabric storage case)

Articulated arm awning H60



- ① Rain hood
- ② Front profile
- ③ Fabric
- ④ Valance

Articulated arm awnings open Summer living



As universal shading products with varied uses open WAREMA articulated arm awnings create a comfortable summer climate outdoors. A large inclination angle or a valance roller blind also protect from low evening sun. The large selection of designs satisfies any individual taste. This awning is also available as LB model: for a lot of sun protection in a small space. The awning makes best possible use of space and can therefore disappear completely in the facade and ideally adapt to the facade with the freely customisable cover panel (type 700S).



► Your benefits:

- Universally usable
- Protection against low sun by setting the inclination angle to up to 85°
- Large selection of design options
- LB model available for large projection with small awning width



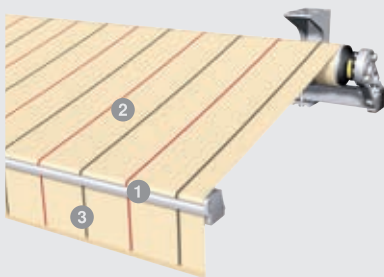
Features

- Construction limit values (depending on type):
max. width: 7000 mm
max. projection: 4000 mm
max. inclination: 85°
- Articulated arm: Power transmission through segment, chain, cable or textile tape
- Drive: crank, motor, radio motor
- Brilliant accessories (optional, depending on type): Integrated LED stripes in front rail, halogen or LED light rail, radiant heater, valance or valance roller blind, patio side screen, patio frame, LB model, turning gear

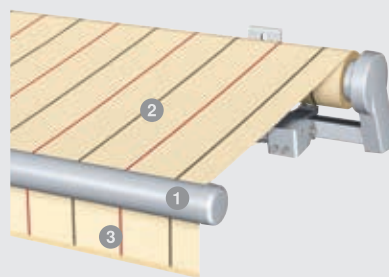
Fields of application and mounting

- Patio and balcony
- Wall and ceiling installation
- Rafter installation
- Invisible shaft mounting (only type 700S)
- Mounting in a protected location

Articulated arm awning 530

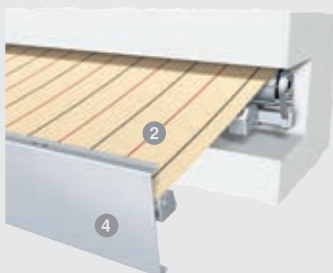


Articulated arm awning G60



- ① Front profile
- ② Fabric
- ③ Valance
- ④ Front cover panel

Articulated arm awning 700S



Patio side screens

Clever triple protection



WAREMA patio side screens protect from low sun, light wind and prying eyes, inviting you to spend time outdoors. The model with sloped fabric harmoniously adapts to the patio awning or patio roof. Practical fabric protection by means of a cassette and the large selection of colours and fabrics are further benefits of this awning.



► Your benefits:

- Lateral protection against wind and sun, visual privacy
- Sloped fabric ideally adapts to the patio awning or patio roof
- Cassette offers perfect protection for the retracted fabric



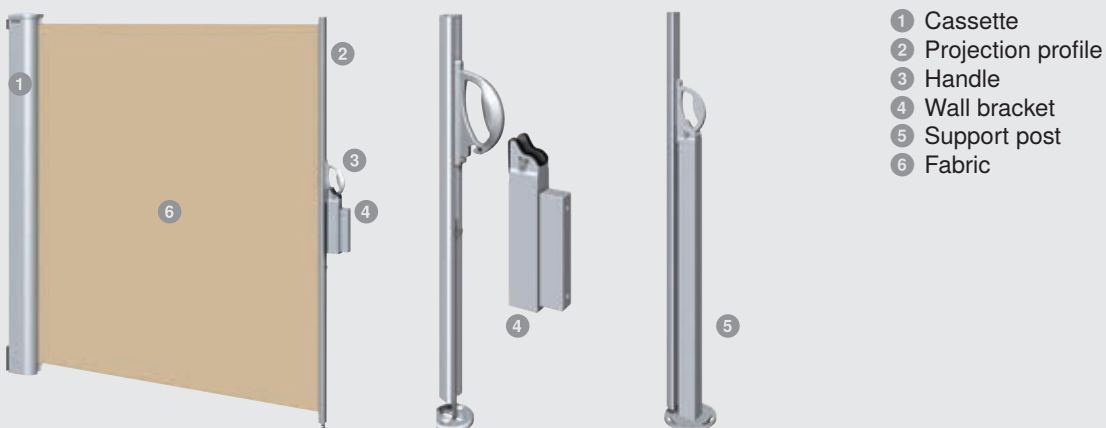
Features

- Construction limit values:
max. height: 2500 mm
max. projection: 5000 mm
max. surface: 10 m²
- Operation: operating handle
- Extras: optionally with viewing field made of PVC plastic film

Fields of application and mounting

- Patio and balcony
- Mounting of the cassette on the wall or in the reveal
- Holder for the handle for fixing with wall bracket or support post (in base plate or screw foundation)

Patio side screen 390



Pergola awnings

Comfortable extension for living spaces



reddot design award
winner 2013

Pergola awning P40

Pergola awnings unite comfort and safety on the highest possible level, combining comfortable operation with high weather resistance. secudrive® – the innovative spring steel strip guide – makes straight as well as curved guide rails possible. The exclusive appearance and the brilliant extras make these shading options an attractive feature on any patio.



► Your benefits:

- Individual use as sun and weather protection
- Extension of patio or commercial area
- Easy dismantling of guide rails and poles in the winter months
- No lateral light gap thanks to the two-dimensional guide secudrive®
- The curved guide rail is an absolute design highlight



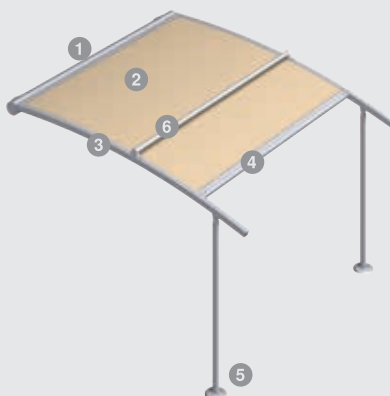
Features

- Model available with straight and curved guiderail
- Construction limit values (depending on type):
 - max. width: 6500 mm
 - max. depth: 7000 mm
 - max. inclination: 45°
- Brilliant accessories (optional): travelling reinforcement profile, lowerable pole for use as rain protection, lighting (LED stripes) integrated into the guide rails, valance roller blind with crank drive

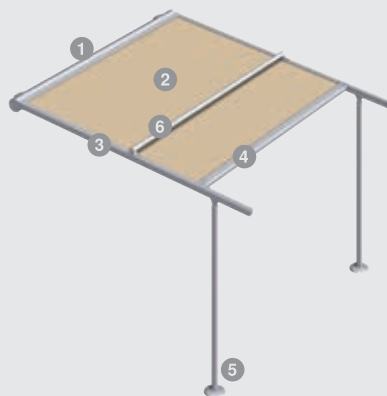
Fields of application and mounting

- Patio and commercially used areas
- Mounting on on-site foundation or screw foundations
- Fixing on the building wall

Pergola awning P40, curved guide rails



Pergola awning P40, straight guide rails



- 1 Cover panel
- 2 Fabric
- 3 Lateral guidance with secudrive®
- 4 Front rail
- 5 Floor connection
- 6 Reinforcement profile

Patio roofs

Stylish weather protection



WAREMA patio roofs create outdoor oases for long summer nights outside: as reliable protection for people and garden furniture, with an awning for additional shade. An integrated drainage is ideal and practical for the plain cold roof construction. Flexible and well thought-out, patio roofs extend living spaces. Sun shading, light and heating elements provide the perfect atmosphere under the patio roof. A package that takes care of everything, for your comfort.



► Your benefits:

- Individual use as sun, rain protection or extension of the patio
- Cold roof construction
- WAREMA conservatory awnings (internal or external) can be added on at any time
- Drainage optional outside on the post using a drop profile or invisibly in the post using the purlin



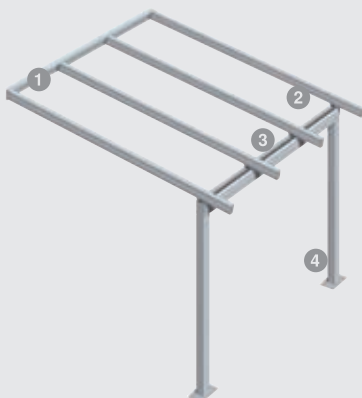
Features

- Construction limit values:
 max. width: 6000 mm
 max. depth: 5000 mm
 max. surface: 30 m²
 max. inclination 20°
- Brilliant accessories (optional): with on-site glazing, extendible with sun shading system, varied accessories

Fields of application and mounting

- Patio
- Posts mounted on on-site foundation
- Fixing on the building wall

Patio roof T1



- ① Cover panel/roof
- ② Rafters
- ③ Purlin
- ④ Pole

Equipment

Comfortable feel-good atmosphere



For patio awnings



Light rails

- LED light rail or halogen light rail



Indirect lighting K70/K50

- LED stripes integrated in front rail and cassette with type K70 or just in the cassette with type K50
- Optionally available with WMS dimmer (LED)



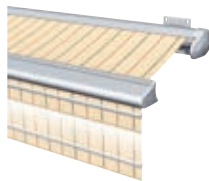
Integrated lighting G60/H60

- LED stripes integrated in front rail
- Optionally available with WMS dimmer (LED)



Turning gear

- The awning can be adapted to the current sun position by simply turning the crank
- Inclination angle continuously adjustable



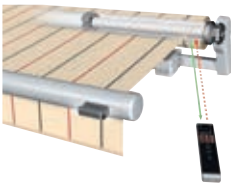
Valance roller blind

- Additional valance roller blind in the front profile, extending vertically
- Drive by means of crank or motor



Valance shapes

- Elegant awning closure available in six shapes from straight to curved
- Accurate edging in different colours



WMS wind sensor

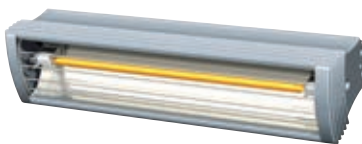
- Integrated wind sensor automatically retracts the awning in case of excessive wind



WMS comfort control

- Fully automatic control for awning and valance roller blind according to wind
- Awning and valance roller blind can be controlled together using a remote control
- Fully integrated into the awning for type K60 and K70

For patio roofs and patio awnings



Radiant heaters

- With infrared quartz technology, 1500 W
- Mounting on awning, patio roof or wall
- Radio control available for radiant heaters



Light rails

- Halogen light rail for direct mounting on rafter
- Integrated lighting in the rafter with LED modules
- Operation possible with switch or radio control



Integrated lighting

- LED stripes in the guide rails available with WMS dimmer (LED)

Valance roller blind

- Valance roller blind in the front profile, lowered vertically (crank drive)

Fabrics

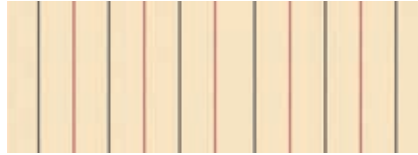
Timeless colour brilliance

The acrylic awning fabrics are the classics among the fabric qualities and impress by experience and constant further development. They consist of 100% brand acrylic fabric for which the fibres of the yarns used are spinning nozzle dyed. Furthermore the innovative Lumera fabrics have an extremely smooth surface which makes colours appear much deeper and increases brilliance for a long time. Acrylic awning fabrics provide reliable protection against harmful UV radiation and they are also extremely tear-resistant.



Acrylic Lumera

- CBA fibre (Clean Brilliant Acrylic)
- Smoother surfaces, rich colours, long lasting luminosity, high tear resistance
- Improved dirt repellency



Acrylic Standard

- 100% brand acrylic fabric
- Spinning nozzle dyed, light-fast, weatherproof and tear-resistant
- Dirt-repellent, rot-proof, air permeable and water-repellent through impregnation



Finish/connecting seams

- Impregnation perfectly protects the fabrics from soiling
- All WAREMA fabrics are tested according to the "Oeko-Tex Standard 100"
- Connecting seams and hems made with the particularly durable PTFE (Teflon) sewing thread such as TENARA® in plain white
- Soltis-92 – seams and hems permanently welded



Acrylic All Weather

- 100% brand acrylic fabric
- Transparent acrylate coating on the outside
- Fabric is virtually 100% waterproof



Perfora Acrylic fabric

- 100% brand acrylic fabric with perforation
- Good view out and transparency
- Reduced heat accumulation and little danger of formation of water pockets on the awning fabric through perforation
- High-grade, elegant fabric look through even perforation



Soltis 92

- Base material made of highly tear-resistant polyester, coated with PVC
- UV and dirt repellent
- Fabric is flame resistant and/or self-extinguishing



PVC film for viewing field

- Plastic film made from 100 % PVC
- Flame resistant according to DIN 4102, B1
- For patio side screens (in combination with Soltis 92 fabric)



Large-scale printing

- Sunprint collection for outdoor advertising, sponsoring, private use
- Large-scale images as digital printing over the complete awning fabric or a specific section
- Printing on white acrylic fabric with special surface treatment guarantees a photorealistic print result

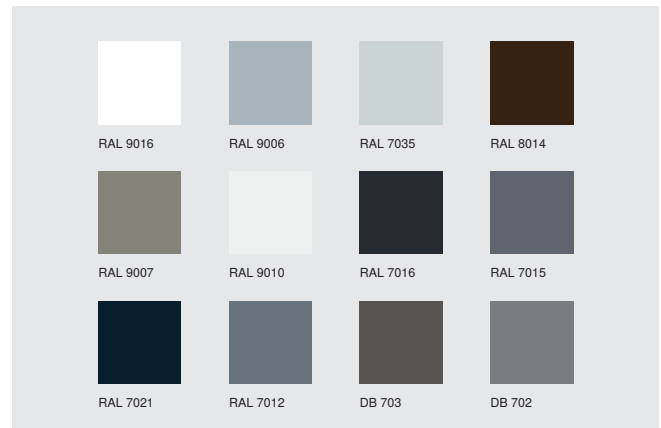
WAREMA Colour World

Maximum colour selection x 5

WAREMA Colour World offers with an extensive selection perfect design possibilities for all powder-coated aluminium parts such as guide rails, cover panels, profiles and boxes. The colours impress by an excellent, durable coating quality and intensive colour brilliance. The powder colours are categorised in Highlight, Variation and Individual. Highlight offers you the constant basis, Variation provides further possibilities and Individual is your advantage when selection the colour.

WAREMA Colour World - Highlight

12 DB and RAL basic colours are the basis of our WAREMA Colour World. We thus offer you selected standard colours which satisfy all current colour requirements. Furthermore select five surfaces in order to perfectly adapt the gloss level and structure to the corresponding structural condition.



WAREMA Colour World - Variation

Use the option of variation with another 50 RAL basic colours and four finishes. This fulfils any of your architectural colour dream!



WAREMA Colour World - Individual

The category "Individual" with more than 180 powder colours is the perfect complement to the WAREMA Colour World. The surface quality available for this category is provided on request.



Surface qualities

Five different surfaces allow for the perfect selection according to your personal requirements. Satin finish is a not completely glossy surface with smooth course and best light and weather resistance. The surface matt is features a flat matt course. Fine structure is provided with efficient effects. The flood-resistant surfaces are characterised by a clearly improved weathering behaviour with regard to gloss retention, weathering, chalking and colour stability. It is available in matt and fine structure.

Control systems

Convenient operation

The combination of a sun shading system and an intelligent control ensures that there is always an optimal feel-good climate on your patio - fully automatic with the press of a button. This is called comfort at the highest level.

EWFS - Standardised WAREMA Radio System

The standardised WAREMA radio system offers you the opportunity to control the individual sun shading drive or light with a minimum amount of installation work. The uniform system allows individual expansion of the control system and leaves room for retrofitting further components at any time. WAREMA supplies the appropriate EWFS solution for the different control requirements of any sun shading product. Awnings for example can be controlled with permanent mode.



WMS - WAREMA Mobile System

Radio systems are particularly beneficial with retrofittings because no additional line routing is required. In the WAREMA Mobile System the only components needed are the transmitter and receiver. Users receive feedback about all move commands of their sun shading systems. Distant units can also be reached by transmitting commands from receiver to receiver (routing function).

WMS WebControl

Simple, comfortable and self-explanatory – the control of your awning via smartphone. Thanks to the intuitive user interface you can use your smartphones, tablets or computers to move your sun shading system with only a few steps into the correct position or to request their current position. Immerse into a completely new form of sun protection automation.



Everything at a glance

		Cassette awnings					Articulated arm awnings			
							Half-closed	Open		
		550	580	K50	K60	K70	H60	530	G60	700S
Features/construction limit values*	max. width (mm)	4500	5500	5000	7000	7000	7000	6000	7000	5960
	max. projection/depth/height (mm)	2500	3000	3000	4000	4000	4000	3000	4000	3000
	Inclination	5-40°	5-40°	5-40°	5-35°	5-35°	5-45°	0-90°	0-85°	5-20°
	Mounting	outside					outside	outside		shaft
	Power transmission/guide	Flexband	Flexband	Flexband	segment, chain, steel cable	segment, chain, steel cable	segment, chain, steel cable	textile tape	segment, chain, steel cable	segment, chain, steel cable
Operation		crank, motor, radio motor	crank, motor, radio motor, solar drive			motor, radio motor	crank, motor, radio motor, solar drive	crank, motor, radio motor, solar drive		motor, radio motor
Fabric according to WAREMA collection	Acrylic Standard/Lumera	●	●	●	●	●	●	●	●	●
	Acrylic All Weather, Acrylic Perfora	○	○	○	○	○	○	○	○	○
	Soltis 92	○	○	○	○	○	○	○	○	○
Standard colours		2	2	2	Colours according to WAREMA Colour World			2	Colours according to WAREMA Colour World	
Equipment optionally	WMS wind sensor	○	○	○	○	○	○	○	○	○
	Valance	○	○	—	○	—	●	●	●	—
	Valance roller blind	—	○	—	○	○	○	—	○	—
	Fabric bearing shell	—	●	●	●	●	○	—	—	●
	Turning gear	—	—	—	—	—	○	—	○	—
	Light rail	○	○	○	○	○	○	○	○	—
	Integrated lighting	—	—	○	—	○	○	—	○	—
	Patio frame	○	○	○	○	○	○	○	○	—
	LB model	—	—	—	—	—	○	○	○	—
Options								rain hood		concealed shaft mounting
Control systems		○	○	○	○	○	○	○	○	○

* depending on fabric, area limitations possible ● standard ○ optionally — not possible

Patio side screens	Pergola awnings	Patio roof
390	P40	T1
2500	6500	6000
5000	7000	5000
—	0-45°	5°-20°
outside	outside	outside
—	secudrive®	—
operating handle	motor, radio motor	—
●	●	—
○	○	—
○	○	—
Colours according to WAREMA Colour World		
—	—	—
—	—	—
—	○	—
—	—	—
—	—	—
—	○	○
—	○	○
—	○	—
—	—	—
diagonal fabric direction, viewing panel possible	lowerable pole, drainage cutouts	on-site glazing possible
—	○	—



¹⁾with height front 2000 mm

