

www.markilux.com

safe · timeless · beautiful



markilux Patio and Balcony Awnings

Living in comfort, in style and with that personal touch.
Quality that meets the highest demands. Discover the ideal model for you.

Enjoy the summer in style with markilux awnings.



 made in germany

markilux products

Experience and knowledge from tradition - ideas and creativity for the future

Design

markilux products are designed to be timeless. Trendy and classic lines united in the perfect products for your home. Reputable designers have created beauty in both the technological and the textile.

Innovation

markilux awnings did not come into being by chance. In each of our products you will find technical innovations crafted for a particular application. We try to anticipate the requirements of tomorrow and satisfy them today.

Dynamics

markilux developments are dynamic. We think long term as markilux customers should be able to enjoy their products for years to come. Many of the ideas we have can be retro-fitted to already existing products. This makes our products very long lasting indeed.



safe · timeless · beautiful



Functionality

markilux technology is designed to last for a small eternity. The materials used meet the highest standards to ensure problem-free operation for many years.

Safety

Certified quality from a certified company; independent bodies audit us and document our commitment to quality. The inimitability of our manufacturing, textile production and awning construction within one single company leads to the creation of products that do not leave anything to be desired.

Service

markilux, dedicated to craftsmanship. Our partners near you are craftsmen when it comes down to the sale and fixture of awnings. We support these businesses with training and the transfer of know how.

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markilux 5010

markilux Cassette Awnings

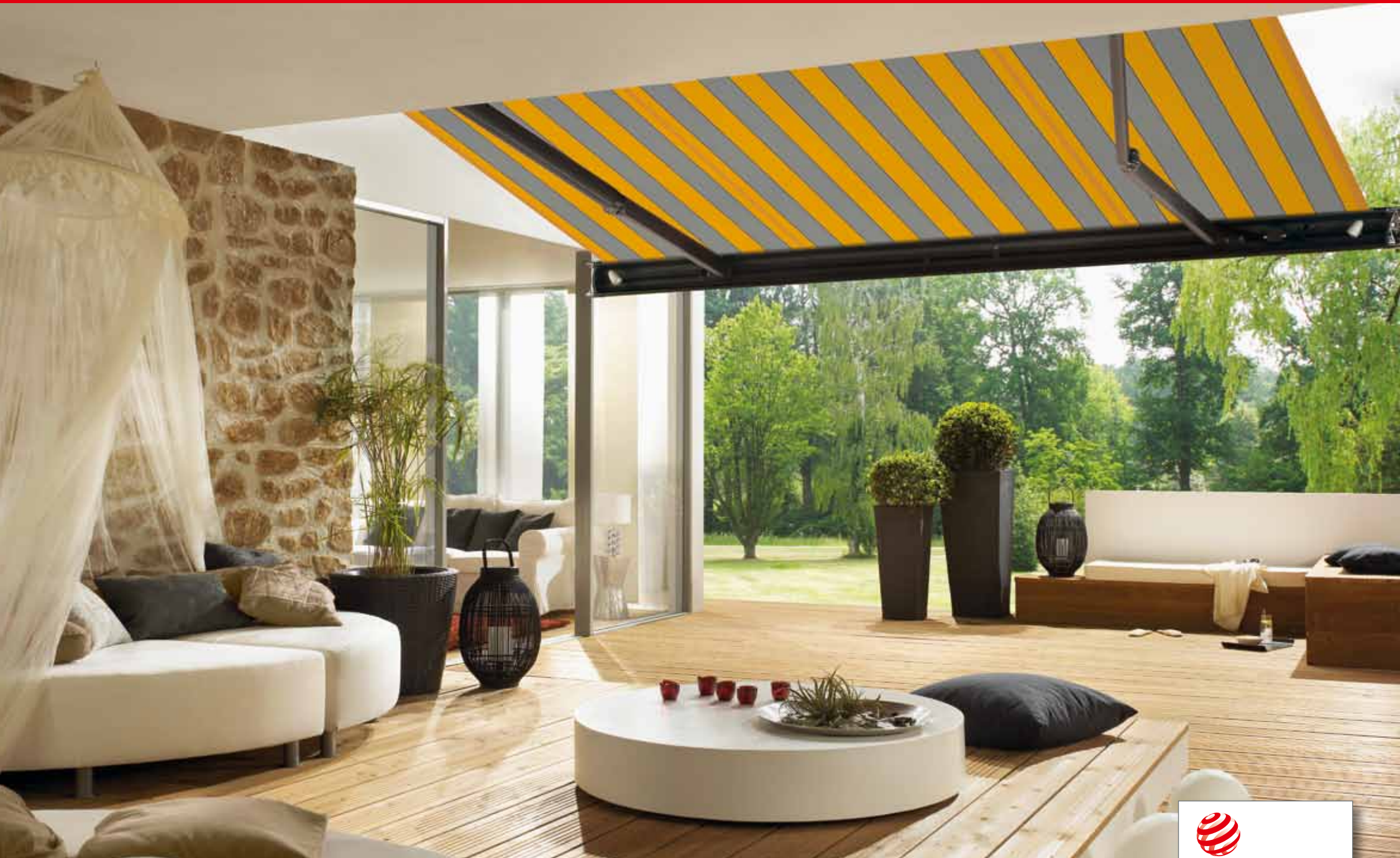
In a cassette awning the cover and the complete arm mechanism (except for markilux ES-1 and 1200 with cover cassette) are in a fully enclosed cassette when retracted. Therefore wind, weather and dirt do not effect your markilux. It remains as attractive as on its very first day.

A cassette awning is the right choice, especially if you require maximum protection for your cherished awning - needless to mention the modern design - like our markilux 6000. With its three style lines - Club, Studio and Lounge - it can be adapted perfectly to different types of houses. Thanks to its outstanding product design it received the reddot design award.

However, even our other models do not leave any wishes unfulfilled: The look of the cover cassette awning markilux 1200 is a great success and the stretch model is also suited for deep balconies. Compact, small and functional - the markilux 990 abounds in self-assurance with its ultra modern shape. As does the elegant and particularly robust markilux 5010.

A popular awning for commercial applications is the robust markilux 3300. Our masterpiece made from brushed marine grade stainless steel is the markilux ES-1. It stands out by virtue of the fine material used in its construction and its elegant lines and contours.





markilux 6000



reddot design award

markilux 6000 // The markilux in the three style lines: Club, Studio and Lounge.

Design and technology

The markilux 6000 is the markilux of innovation, with many good ideas and new technologies. Simply the best from markilux.

The markilux 6000 is a cassette awning with futuristic connection technology at the elbow joints of the awning arms - the so-called bionic tendon.

The innovative bionic tendon, developed by markilux and drawing inspiration from nature to create a friction-free and virtually noiseless folding of the arms. This makes the technology

in your markilux even more robust and even more durable (achieving at least 50,000 cycles during tests by the Fraunhofer Institute).

Beside the unique and individual customisation possibilities, the markilux 6000 Lounge offers another unique feature. In the Lounge style line the frame colours off-white textured finish, stone grey metallic and anthracite metallic are available.

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. Optionally a shadeplus (also motor-driven) is available.

Dimensions

The markilux 6000 is available up to a maximum width of 700 cm. The maximum projection at that width is 400 cm.

Operation

Manual operation by means of a stainless steel winding handle, optionally with a hard-wired electric motor or a radio-controlled motor with markilux remote control.

Optional accessories, frame colours and technical details from page 48 onwards.



markilux infra-red heater:
Cosy warmth when it starts to get cooler. Feel the pleasant warmth immediately and savour the evening for longer



optimum power transference viaa bionic tendon made of high-tech fibres



stylish markilux spots from the design studio, in an aluminium housing, anodised silver in colour. The halogen spotlights in the front profile are directionally adjustable



the three style lines Club, Studio and Lounge offer individual design possibilities
Overview of possible colour and finish combinations: Please turn over



Shadeplus: The awning within an awning. Simply block out blinding sunlight or inquisitive glances



markilux 6000 Club

traffic white (RAL 9016)



Frame colour	
	traffic white RAL 9016
End cap trim colours	
	traffic white RAL 9016
	signal blue RAL 5005
	signal yellow RAL 1003
	ruby red RAL 3003
End cap insert colour	
	traffic white RAL 9016



markilux 6000 Studio

white aluminium (RAL 9006)



Frame colour	
	metallic aluminium RAL 9006
End cap trim colour	
	polished chrome
	metallic aluminium RAL 9006
End cap insert colours	
	light green
	light blue
	orange
	red
	metallic aluminium RAL 9006



markilux 6000 Lounge

anthracite metallic



Frame colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204

end cap trim colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	polished chrome
	black chrome

End cap insert colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	wood effect
	stainless steel mesh

anthracite metallic



stone grey metallic



off-white textured finish





markilux ES-1



reddot design award

markilux ES-1 // The design awning made of stainless steel.

Design and technology

The elegant, strong gas piston-tensioned arms ensure particularly good cover tautness - even when the awning is only partially extended. Despite its delicate appearance, the fabric roller has a diameter of 95 mm and the front profile and torque bar are extremely resistant to twist. The ES-1 is a cover cassette awning; a stainless steel cassette protects both the cover and the fabric roller.

The fine material and the elegant lines leave you fascinated. The attractively shaped end caps can be ordered in stainless steel, copper or brass. The valance is supplied as standard. The arms and joint components, all screws and other parts are completely made of marine grade stainless steel: This material is highly resistant to aggressive environmental influences.

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available.

Dimensions

The markilux ES-1 is available up to a maximum width of 650 cm at a projection of 300 cm. The maximum projection of 350 cm can be achieved up to a width of 600 cm.

Operation

It comes as standard with a radio-controlled motor and markilux remote control operation.

Optional accessories, frame colours and technical details from page 48 onwards.



convincing model design, optionally with end cap design features in stainless steel, copper or brass



highly resistant to aggressive environmental influences thanks to manufacture from brushed marine grade stainless steel





markilux 990

markilux 990 // The perfect accessory for your house.

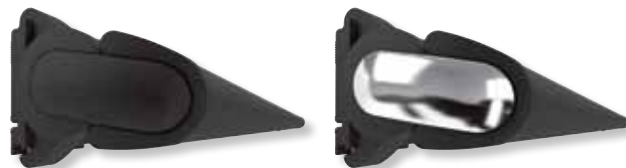
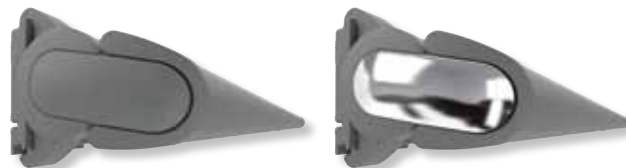
Design and technology

The compact, torque bar-free and slim full cassette awning has been given a dynamic face-lift that was created in conjunction with an experienced design studio. The u-shaped front profile encompasses elegantly both folding arms and roller tube lending the awning a completely new look.

With an overall height of just less than 13 cm this awning can be offered whenever there is little room for installation and a designer awning is called for. The construction without torque bar saves space and weight.

The markilux 990 Lounge

The markilux 990 is available in the powder coating colours off-white textured finish, stone grey metallic and anthracite metallic in the Lounge style line. The end caps of the cassette in polished chrome - along with the timeless, exclusive appearance of the Lounge frame colours - lend the awning a unique touch.



Optionally available at a surcharge - markilux bionic tendon made of high-tech fibres for optimum power transference

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. A valance is optional.

Dimensions

The markilux 990 is available up to a maximum width of 500 cm. The maximum projection is 300 cm.

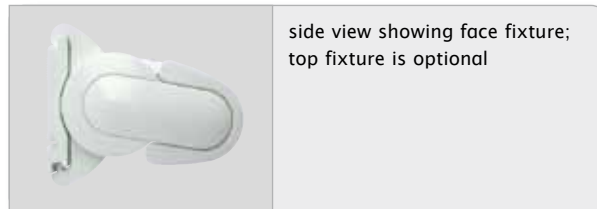
Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



side view during projection: markilux 990 Lounge in the combination anthracite metallic with end caps in polished chrome



side view showing face fixture; top fixture is optional



pitch range in the case of face fixture 5° to 35°, in the case of top or eaves fixture 5° to 70°



folding arm with round, steel-link chain



markilux 5010

markilux 5010 // The cassette awning - slim, strong and simply stylish.

Design and technology

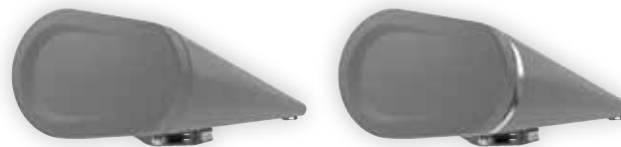
The new design has shown itself to be modern and exclusive - from the cassette right through to the fixture brackets. The shape of the cassette is clear, classically modern and without superfluous decoration and it is assimilated harmoniously into the equally new appearance of the fixture brackets.

The strong folding arms with different upper and lower arm lengths give the awning great stability and the cover superb tautness when the awning is fully extended. All screws and basic components are made of corrosion-resistant stainless steel.



The markilux 5010 Lounge

The markilux 5010 is available in the powder coating colours off-white textured finish, stone grey metallic and anthracite metallic in the Lounge style line. The end caps of the cassette in polished chrome - along with the timeless, exclusive appearance of the Lounge frame colours - lend the awning a unique touch.



Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. Optionally a shadeplus is available.

Dimensions

The markilux 5010 is available up to a maximum width of 700 cm. The maximum projection is 400 cm.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.





markilux 3300 / markilux 3300 pur

markilux 3300 // The markilux with a tight fit to the wall.

Design and technology

The robust cassette design and the tight seal to the wall make the markilux 3300 a popular awning for commercial applications. The double gutter allows water to run off to the side both when the awning is open and when it is closed.

The awning is delivered pre-assembled. All screws and assembly components are made of corrosion-resistant stainless steel, the arms run in Teflon-coated bushes. The fabric roller has a diameter of 85 mm and can be removed easily to the front for easy maintenance.

markilux 3300 pur

The alternative with smooth front profile.



side view with awning closed, face fixture



water spout in a modern design



tilt device with wind safety mechanism

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. A valance is optional.

Dimensions

The markilux 3300 is available up to a maximum width of 700 cm. The maximum projection is 350 cm.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



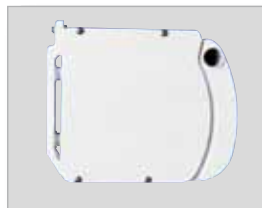
to protect them from corrosion the strong double steel-link chains are recessed into the elbow joints of the folding arms



larger units are fitted with a rolltex bearing to prevent deflection of the roller tube



the windlock mechanism prevents the awning from lifting up at the front in windy conditions



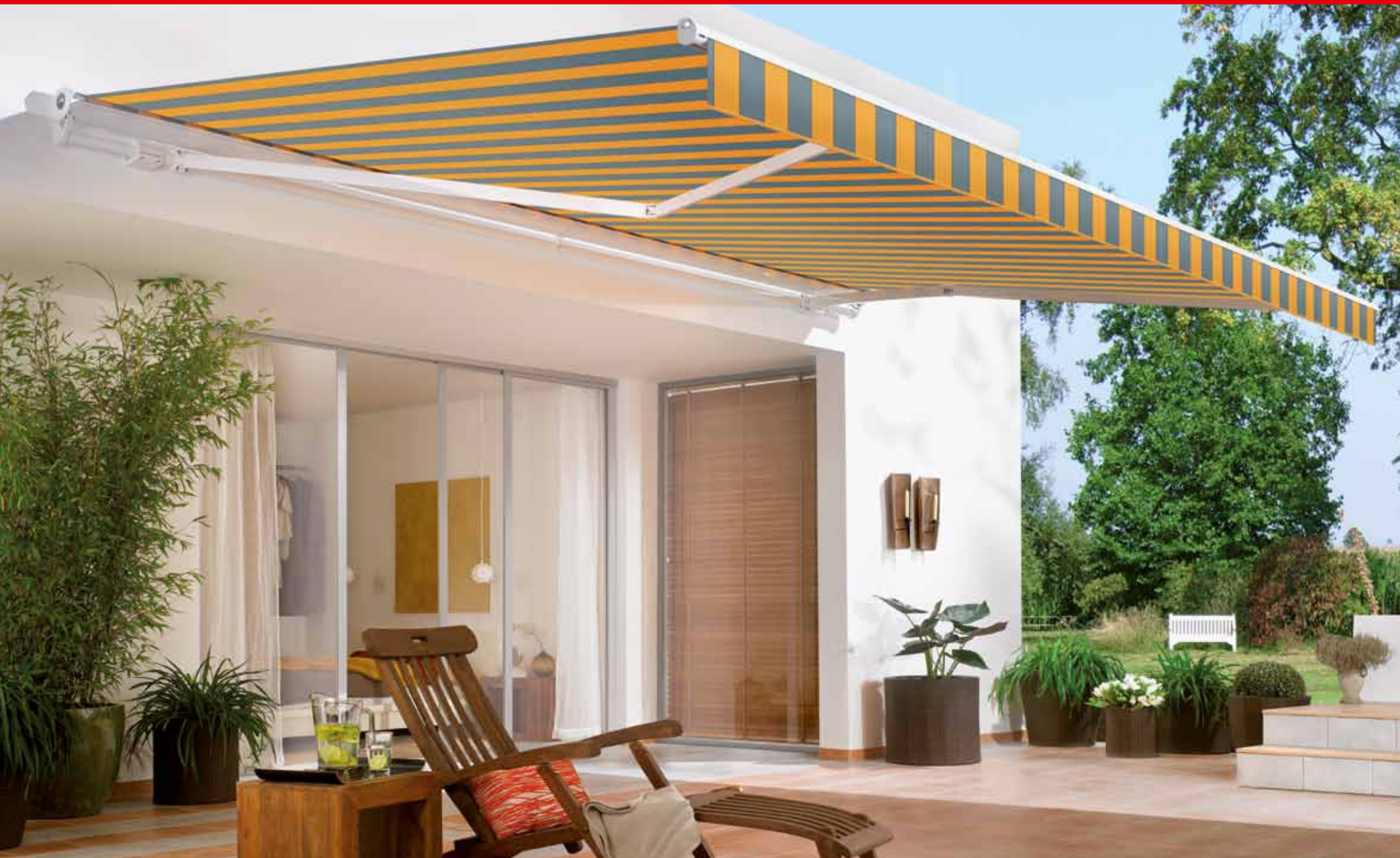
side view, face fixture



side view, top fixture



all round awning protection when closed



markilux 1200 / markilux 1200 stretch

markilux 1200 // Delicate in appearance, big on performance.

Design and technology

The slim, yet sturdy cover cassette gives the markilux 1200 its fine look; sturdy folding arms ensure a taut cover. Suitable for all fixture types - face fixture, top or eaves fixture.

All arm joint components are drop-forged and can therefore withstand particularly high loads. To protect it from corrosion the strong round steel-link chain sits recessed in the central arm joint.



side view, face fixture



side view, top fixture

markilux 1200 stretch

Greater projection than width: the perfect solution for narrow patios, niches and balconies.



side view with awning closed, face fixture



tiered folding arm fitted to the robust secondary torque bar



arms cross above one another during extension and retraction



arm connection to the front profile



folding arm with round steel-link chain

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. The detachable valance is included.

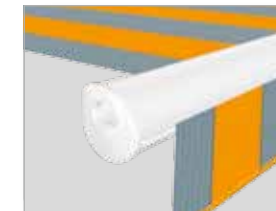
Dimensions

The markilux 1200 is available up to a maximum width of 700 cm (stretch 350 cm). The maximum projection is 350 cm for both awning models.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



attractive front profile and gutter



simple pitch adjustment from 5° to 25°



markilux 1650

markilux Semi-cassette Awnings

Semi-cassette awnings, developed by markilux, are a recognised feather in markilux's cap. The cassette is open underneath and therefore suitable for installations that do not require the all round protection of a cassette.

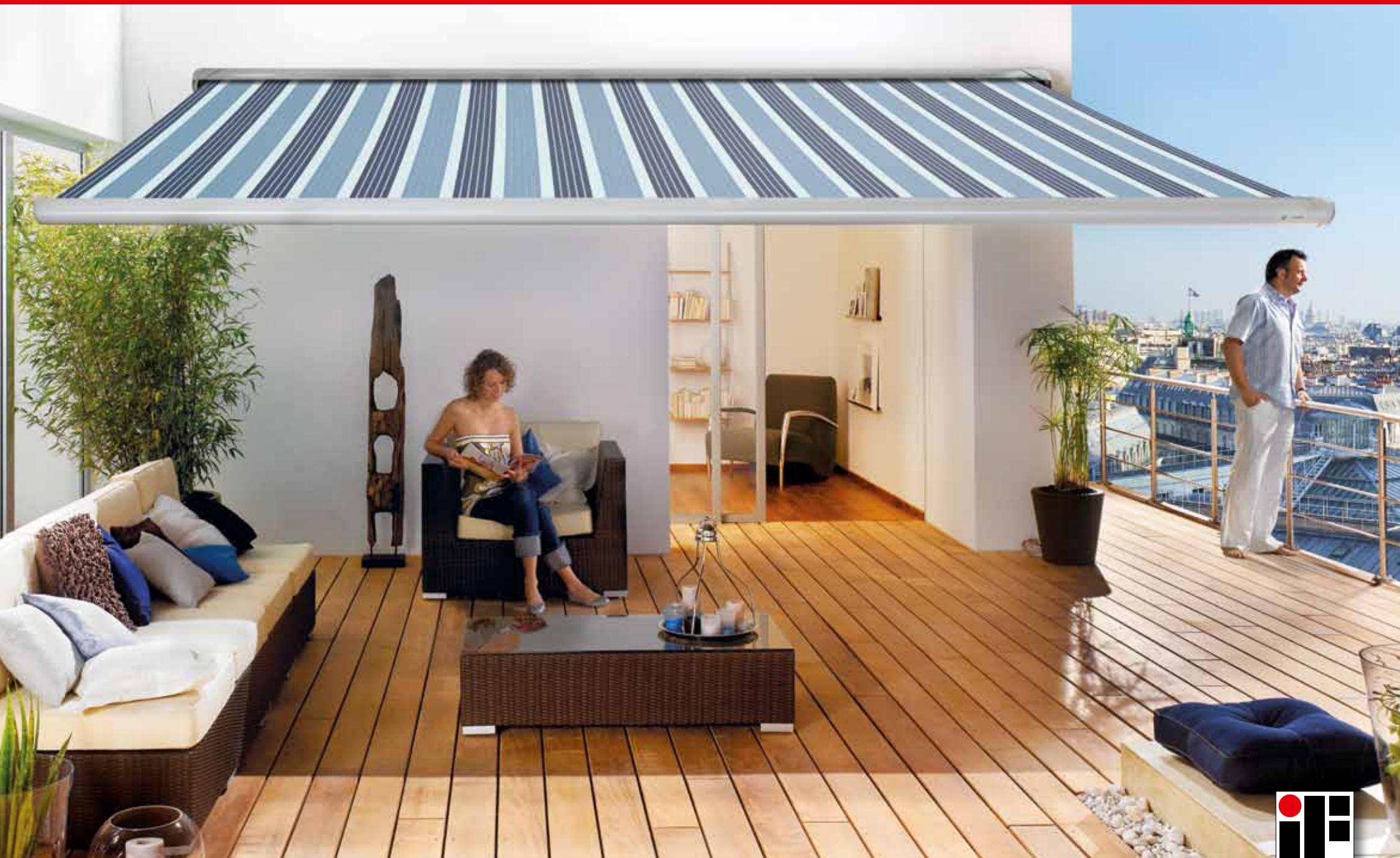
Smart details give this awning type stylish touches, like end caps in different colours or the modern colour and material combinations of the Lounge style line. These polished chrome components are available for all markilux semi-cassette models.

Integrated halogen illumination for the markilux 1650 or the stretch version of the markilux 1600 for narrow patios, alcoves and balconies are an indication of the many well thought out, practical uses on offer.

The markilux 1600 pavilion will make your favourite outdoor spot rainproof. Simply raise the centre into an apex and watch the water run off.



markilux



markilux 1500



markilux 1500 // Certainly special - and not just technically speaking - semi-cassette with gas pistons.

Design and technology

The ovoid gas piston-tensioned arms give particularly good cover tautness. The round 50 mm torque bar is extremely resistant to twist and deflection, the roller tube is 85 mm in diameter for the same reasons.

The successful shape of the markilux 1500 led it to winning the **iF Product Design Award**.

The coverboard is fitted with a brush which removes the worst dirt and debris as the awning is being retracted. The coverboard adapts itself to the pitch of the awning automatically thanks to a unique and patented mechanism so that there is no gap between coverboard and front profile. A wall sealing profile is an optional extra (v. diagram of the markilux pavilion 2).

Lounge colours for semi-cassette awnings

The noble combinations of colour and material in the Lounge style line lend this semi-cassette awning its own individual touch. All markilux semi-cassette awnings are available in the powder-coated finishes of the Lounge style line. *An overview of the colour and material combinations in the Lounge style line for the models markilux 1500, 1600, 1650 and pavilion 2 can be found on page 31.*



Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. If required a valance and/or a shadeplus (manual or electric) can be fitted.

Dimensions

The markilux 1500 is available up to a maximum width of 660 cm at a projection of 300 cm. The maximum projection of 350 cm can be achieved up to a width of 610 cm. Units with larger widths are fitted with an additional rolltex bearing to prevent the cover sagging.

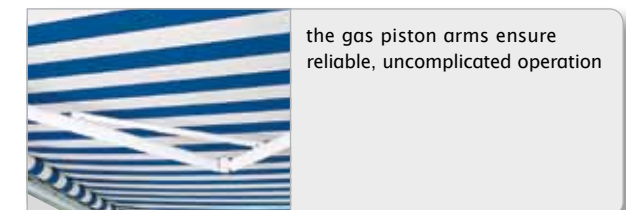
Operation

Manual operation by means of a stainless steel winding handle, optionally with a hard-wired electric motor or a radio-controlled motor with markilux remote control.

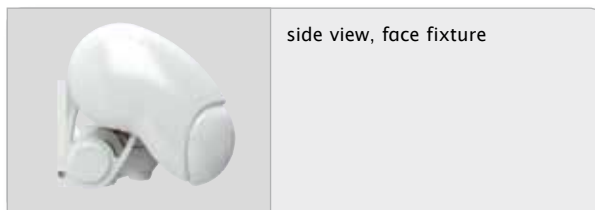
Optional accessories, frame colours and technical details from page 48 onwards.



simple pitch adjustment



the gas piston arms ensure reliable, uncomplicated operation



side view, face fixture



side view, top fixture



markilux 1650

markilux 1650 // Enjoy more of the evening - with integrated halogen spot lights.

Design and technology

The markilux 1650 corresponds to the markilux 1600 (folding arms with double steel-link chains). This particular model, however, features integrated halogen spot lights in the front profile.



Front profile with integrated halogen light sources
- adjustable vertically through 90°

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available.

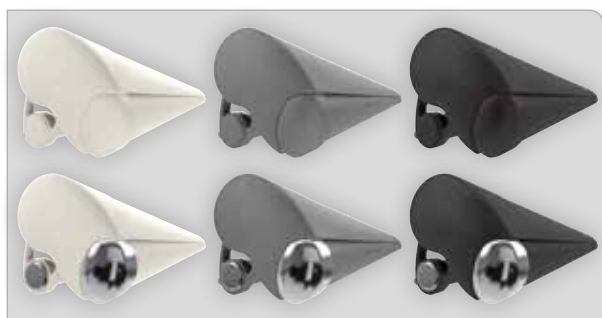
Dimensions

The markilux 1650 is available at a maximum width of 660 cm and a maximum extension of 400 cm. Units with larger width are fitted with an additional rolltex bearing to prevent deflection of the roller tube.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours
and technical details from page 48 onwards.



The noble combinations of colour and material in the Lounge style line lend this semi-cassette awning its own individual touch. An overview of colour and material combination can be found on page 31.



All markilux semi-cassette awnings are available in various colour combinations of end caps and frame colours. An overview of colour combinations can be found on page 31.





markilux 1600 / markilux 1600 stretch



markilux 1600 // The markilux semi-cassette awning with up to 400 cm projection. Excellent design and well-thought-out mechanics.

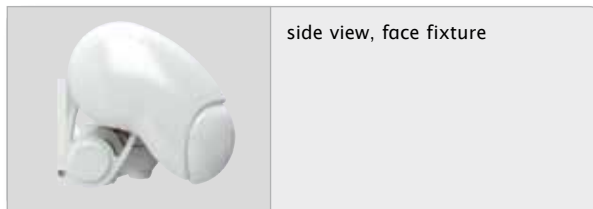
Design and technology

The powerful arms ensure a taut cover. The round 50 mm torque bar is extremely resistant to twist and deflection, the roller tube is 85 mm in diameter. The markilux 1600 has a double steel-link chain. If required a wall-sealing profile can be fitted. (v. illustration of the markilux pavilion 2)

The successful shape of the markilux 1600 led to it winning the **iF Product Design Award**.

The elegant aluminium front profile closes harmoniously into the attractive, strikingly shaped coverboard of this semi-cassette awning.

The coverboard is fitted with a brush which removes the worst dirt and debris as the awning is being retracted. The coverboard adapts itself to the pitch of the awning automatically thanks to a unique and patented mechanism so that there is no gap between coverboard and front profile.



side view, face fixture



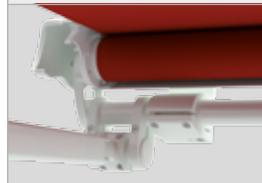
side view, top fixture
(version with shadeplus)

markilux 1600 stretch

Greater projection than width: the perfect solution for narrow patios, niches and balconies.



side view with awning closed,
face fixture



tiered folding arm fitted to the
robust secondary torque bar



arm fixture to the
front profile left



arm fixture to the
front profile right



arm fixture
to the torque bar

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. If required a valance (included with stretch) and/or shadeplus (manual or electric) can be fitted.

Dimensions

The markilux 1600 is available up to a maximum width of 710 cm (stretch: 410 cm). The maximum projection is 400 cm in each case. Larger units are fitted with a rolltex bearing to prevent deflection of the roller tube.

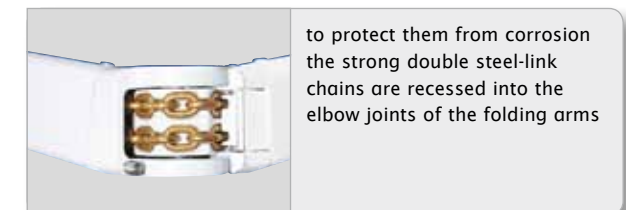
Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



simple pitch adjustment



to protect them from corrosion
the strong double steel-link
chains are recessed into the
elbow joints of the folding arms



markilux pavilion 2

markilux 1600 pavilion 2 // The rainproof markilux. The first awning that allows the centre to be raised into an apex.

Design and technology

This unique product in the awning market is - apart from the central raising mechanism - the same as the markilux 1600 from the point of view of its design.

The front profile of the markilux 1600 pavilion 2 is fitted with a hinge mechanism that enables it to be raised into an apex position with ease: a perfect solution that provides flexible shading from the sun and perfect water drainage - even if the pitch of the awning is set at 0°.

As the pavilion 2 offers more headroom in the centre when raised, it is a viable alternative when the fitting height is limited or when a big projection is required.



the ideal solution providing flexible shading from the sun and perfect water drainage

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available.

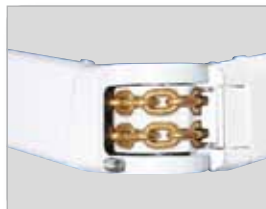
Dimensions

The markilux 1600 pavilion 2 is available up to a maximum width of 660 cm at a maximum projection of 300 cm. Up to a width of 610 cm the maximum projection is 350 cm. The minimum projection is 250 cm at all widths. Units with large widths are fitted with an additional rolltex bearing to prevent deflection of the roller tube.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



to protect them from corrosion the strong double steel-link chains are recessed into the elbow joints of the folding arms



simple pitch adjustment



optionally a wall sealing profile can be added



The noble combinations of colour and material in the Lounge style line lend this semi-cassette awning its own individual touch.
An overview of colour combinations can be found on page 31.

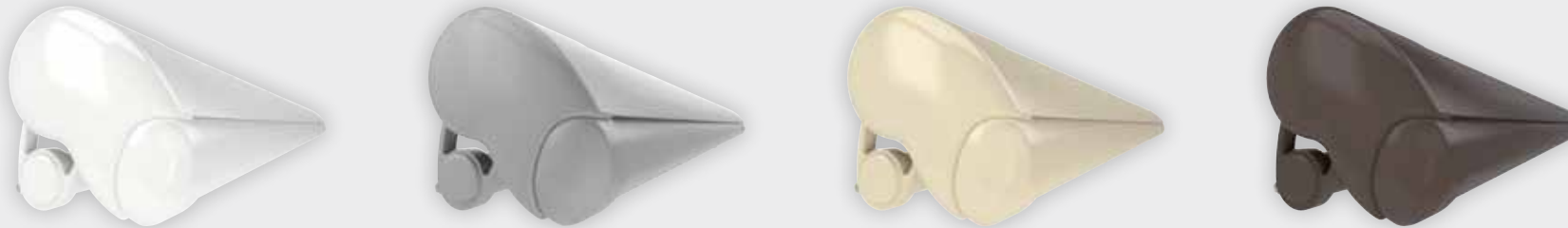






markilux 1600

markilux Semi-cassette Awnings - Lounge and Frame Colours

the markilux frame colours for semi-cassette awnings

All markilux semi-cassette awnings are available in various colour combinations of both end caps and frame colours, which are depicted here by way of example.










Frame and end cap colours	
	traffic white RAL 9016
	metallic aluminium RAL 9006
	light ivory RAL 1015
	grey brown RAL 8019

the markilux Lounge colours for semi-cassette awnings // **material and colour - what a pair they make!**

The noble combinations of colour and material in the Lounge style line lend the semi-cassette awnings markilux 1500, 1600, 1650 and pavilion 2 their own highly individual touch.



Frame colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204

End cap colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	polished chrome colour combination 15



markilux 930 swing

markilux Open Awning Systems

An open style awning does entirely without a cassette. The mechanics and roller tube are perfectly visible. Therefore, this awning type is particularly suited for installations such as reveals or large roof overhangs, which assist in protecting the awning.

The current, colourful and easily cared for generation of fabrics as well as the use of high-class materials means that all round protection by e.g. a cassette is no longer mandatory. The markilux 930 swing and the markilux 1000 especially,

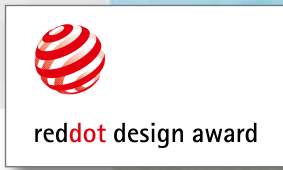
with their modern and functional designs, bring verve and style to your balcony or patio.

On demand all markilux open style awnings can be combined with a graceful and elegant coverboard, the markilux system coverboard. Many additional versions and accessories - amongst others, for example, the two stretch versions which give the option of greater projection than width - make open style awnings an ideal shading solution which can be tailored to any requirements and any budget.





markilux 930 swing



markilux 930 swing // The designer awning with unique pivoting mechanism.

Design and technology

It is small, elegant and thanks to its torque bar-free construction extremely delicate in appearance. An awning that lends style and atmosphere.

The markilux 930 swing is above all suited for installation under overhanging roofs, where additional protection of the cover and mechanics is not required. An intelligent pivoting mechanism lends it a particularly compact and unobtrusive appearance when closed.

During the extension process the awning remains horizontal at first and then pivots into the pre-set pitch. The adjustment screws in the arm bearers

can be used to change the pitch from 5° to 80°. The windlock mechanism prevents the awning from lifting at the front in windy conditions. The upper arm joints lock the arm profiles in place and release them again only on retraction.

The tubular, closed front profile ensures sufficient stability and a smooth appearance. Folding arms with improved power transference ensure good cover tension. The awning is suited both for top and face fixture. In the case of face fixture it might be combined with an additional coverboard, for example with the new markilux system coverboard.

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. A valance is supplied as standard.

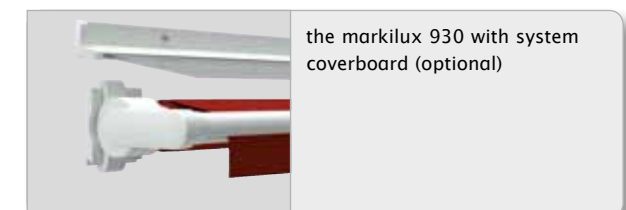
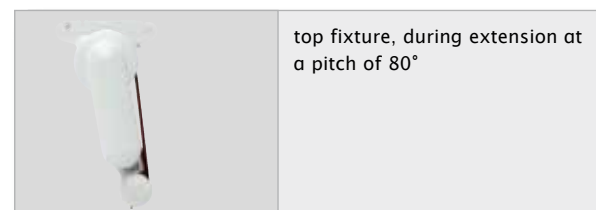
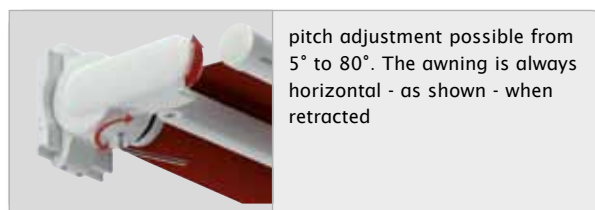
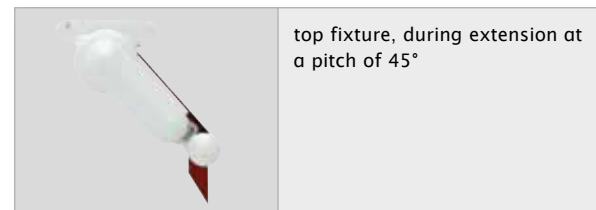
Dimensions

The markilux 930 swing is available at a maximum width of 500 cm. The maximum projection is 300 cm.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.





markilux 1000 / markilux 1000 stretch

markilux 1000 // Perfectly round, as if made in one piece. New open awning system.

Design and technology

As if made from a single piece, torque bar and roller tube are harmoniously joined to one another, as if the torque bar had been turned back on itself.

This original design is strikingly different from traditional awnings. The round shape of the curve alone is a real eye-catcher. This is further emphasised by the two-tone colour scheme. The slim, central decorative stripe lends a delicate touch of colour, which can be in either the awning frame colour or alternatively in a stainless steel look or in ruby red.

The markilux 1000 is an attractive alternative to the closed awning. Especially in combination with the markilux system coverboard.

The transparency of the coverboard and the smooth curves of the awning combine to form a new and appealing lightness.

Folding arms with optimum power transference ensure the highest awning stability and good cover tension. The awning can be set at any pitch between 5° and 50° by means of the proven technology incorporated in the brackets.

markilux 1000 stretch

Greater projection than width: the perfect solution for narrow patios, niches and balconies.



arms cross above one another during extension and retraction, arm fixture to the torque bar and the front profile

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. If required a valance and/or a shadeplus can be fitted.

Dimensions

The markilux 1000 is available up to a maximum width of 700 cm. The maximum projection is 400 cm.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 48 onwards.



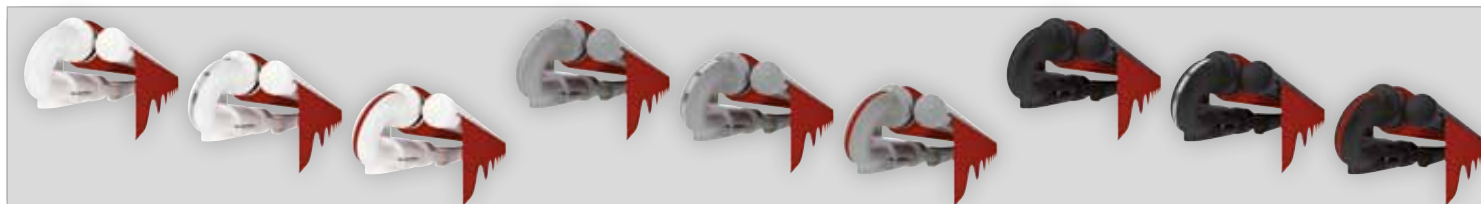
the optionally available system coverboard protects the markilux 1000. Visually attractive: An LED light rope that can be integrated into the profile is available as an optional extra



pitch adjustment via the fixture brackets



optional shadeplus (manual or electric) during extension



the markilux 1000 can be ordered in various colour combinations, which are depicted by way of example in the illustrations shown. the frame colours traffic white, metallic aluminium and anthracite metallic are available. The attractive decorative stripe is available in the frame colour, stainless steel look or in ruby red



markilux 1300 / markilux 1300 stretch

markilux 1300 // the markilux with a multitude of possibilities.

Design and technology

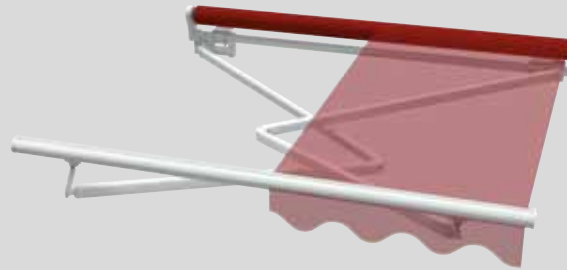
The robust, distinctively shaped arms ensure a taut cover. The strong 40 x 40 mm torque bar is extremely resistant to twist and deflection, the roller tube is made of steel and has a diameter of 85 mm for the same reason. The front profile is ergonomically shaped and very robust; a valance is included with the delivery. The pivot bolts are made from corrosion-proof stainless steel, the arms run in Teflon-coated bushes.

Pitch adjustment gear mechanism - the changing angle that affords added protection: The sun marches across the sky - your awning marches with it. With the pitch adjustment gear mechanism you can change the (actually fixed) pitch from 4° to 85° - just use a winding handle.

Without doubt to be recommended for loggias!

markilux 1300 stretch

Greater projection than width: the perfect solution for narrow patios, niches and balconies.



arms cross above one another during extension and retraction, arm fixture to the torque bar and the front profile



side view, face fixture



side view, top fixture



markilux 1300 stretch with shadeplus

Choice of fabrics

All fabrics made from acrylic fabric and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. Optionally a shadeplus is available.

Dimensions

The markilux 1300 is available up to a maximum width of 700 cm. The maximum projection is 400 cm. Thanks to the use of special folding arm technology it can also be manufactured in a stretch version with larger projection than width.

Operation

As standard, manual operation by means of a stainless steel winding handle is offered. On request a hard-wired electric motor or a radio-controlled motor with remote control operation can be fitted.

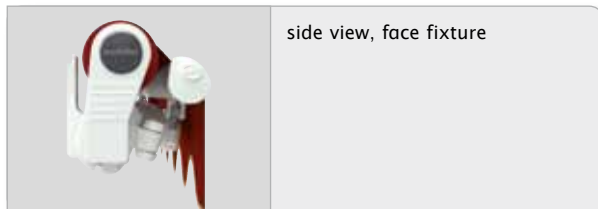
Optional accessories, frame colours and technical details from page 48 onwards.



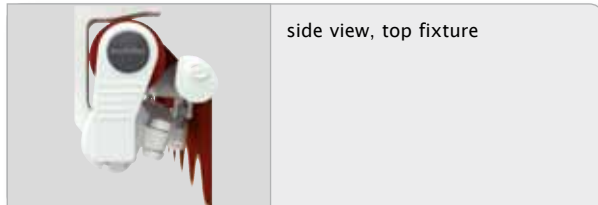
optionally available with aluminium coverboard



simple pitch adjustment



side view, face fixture



side view, top fixture



markilux 790

markilux Side Screens

There are very few spots in the garden that are really protected from the sun, the wind and inquisitive neighbours on all sides. This makes a markilux side screen a must if you want to fully enjoy the summer on your balcony or patio.

The markilux 790 is particularly suited for patios; the markilux 75 is our innovative space-saver designed especially for balconies.

Both models can be quickly and easily fitted and win you over with their sturdy and robust construction in combination with their impeccable ease of operation.

With more than 200 fabrics in the current markilux collection you can add whatever touch of colour takes your fancy and create a dreamlike atmosphere for your outdoor living area.





markilux 790

| 42

markilux 790 // Ideal, lateral protection against low-lying sun.

Design and technology

The roller tube of the markilux 790 is hidden inside an unobtrusive, compact cassette, which is fitted vertically to the wall and protects the cover - when retracted - from dust and dirt.

When required, the side screen is extended by pulling the handle and attaching it to a docking post or an opposing wall bracket. The powerful internal spring ensures that the cover stays taut.

The cassette can be fitted easily and without problem by virtue of the universal fixing points. The docking post can either be attached to a ground sleeve or a footplate. If the side screen is to be fixed between two walls, there is also a wall docking assembly to which the handle can be hooked. The markilux mobilfix can also be used for increased flexibility: this is a fixture post mounted on a mobile granite footplate.

Choice of fabrics

Widely woven fabrics from the markilux collection are available (fabric series 349xx, plain acrylic fabrics or 339xx, transolair). All fabrics made from acrylic and sunsilk snc in the current markilux collection, including the exclusive fabric series, are available up to an extension of 350 cm if joined using vertical seams.

Dimensions

The compact cassette is optionally available at a height of 173 cm, 213 cm and 250 cm. Covers made from panels (120 cm wide) have a maximum extension of 350 cm, seamless covers will even go up to 450 cm. The maximum extension at a cassette height of 173 cm is 450 cm otherwise it is 400 cm.

Optional accessories, frame colours and technical details from page 48 onwards.



markilux 790 with Angled Top Edge for folding-arm awnings

The side screen markilux 790 with angled top edge is the perfect accessory for your markilux folding-arm awning. The diagonally running top edge of the cover visually matches the pitch of the awning and so visually creates an harmonious picture on the patio.

The side screen with diagonally cut top edge is available in heights of 173 cm, 213 cm and 250 cm. The maximum extension is 400 cm.

markilux 790

markilux 75 // The hinged side screen with patented technology.

Design and technology

The markilux 75 side blind can be fitted quickly. The hinged fixture plate that is attached to the wall enables fast and easy locking and unlocking of the cassette with its internal blind. The blind can be extended the exact amount required to provide ideal protection from prying eyes. When not needed the cassette can simply be folded away making it very inconspicuous. The locked-in-place mechanism provides excellent security.

The markilux 75 side blind is completely pre-assembled and therefore particularly easy and quick to install.

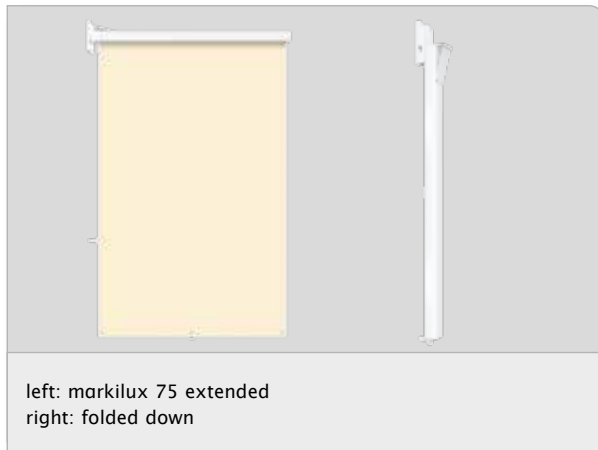
Choice of fabrics

Especially good value for money: transolair plain, light yellow (fabric no. 33911) and solid plain, flecked eggshell (fabric no. 34918). Otherwise all fabrics in acrylic and sunsilk snc in the current markilux collection, including the exclusive signature fabric series, are available. Only seamless covers made from acrylic (fabric series 349xx) or transolair (fabric series 339xx) are available at a width of 170 cm.

Dimensions

The cassette is available in widths of 128 cm or 170 cm, the fabric can be extended to a maximum drop of 200 cm.

Optional accessories, frame colours and technical details from page 48 onwards.



markilux 75



markilux Awning Covers



acrylic covers

Awning covers made from spun-dyed acrylic material in proven quality.

Harmony in shape and colour creating flowing transitions. This is the modern approach to home design - both inside and out. Furniture and fittings, conservatory and patio are today matched to one another with the greatest of care.

As the light under an awning influences the perceived atmosphere in any of the adjoining rooms. The ingenious colour schemes and patterns of the current markilux fabric collection are intended to reflect stylistic elements of today's home furnishing trends resulting in a coordinated overall effect in adjoining living areas.

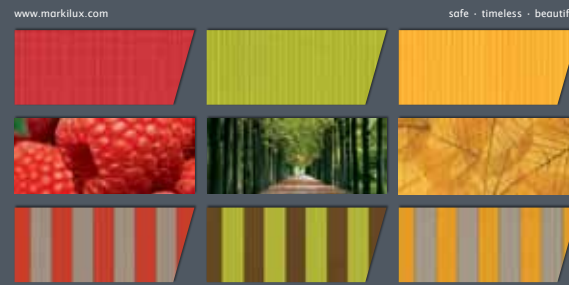
Our awning fabrics made from acrylic fibres have been created especially for outdoor use.

They are extremely tear-resistant, ultra colour fast, weather resistant and impervious to decay.

Thanks to the high quality SFC coating (Teflon) they repel dirt, grease, oil and water while remaining permeable to air.

markilux Awning Covers

An interaction of light and colour. Full of luminosity and harmony. Discover the many possibilities available to you.



markilux Awning Covers

An interaction of light and colour. Full of luminosity and harmony.
Pleasant shade with natural colours. Elegant designs, stylish and modern.
Enjoy the summer in style with markilux awnings.

markilux

Effective protection against UV radiation

Due to the increased strength of UV radiation, healthcare during our leisure time is gaining in importance. Dark colours in the markilux range offer 100% protection against UV radiation. The lighter colours (right through to plain white) stop up to 97%. All fabrics achieve the highest possible sun protection factor for textiles (UPF 50+).

200 brightly coloured covers

Acrylic covers or sunsilk snc - no matter which you prefer: the choice is yours. Your markilux dealer will make the whole markilux collection available to you.

Detailed information with regard to the markilux collection can be found in the current markilux brochure "markilux Awning Covers"



sunsilk snc

The innovative sunsilk snc covers with high colour brilliance, luminosity and self-cleaning effect

It is an incomparable experience when the innovative **sunsilk snc designs** with their outstanding colour brilliance bathe your terrace or the adjacent rooms in a warm, soothing light and a luminous shade. This is the result of years of research. We have managed to guarantee **high resistance to the effects of ultraviolet light** for finely dyed fabrics. Until now this characteristic has been attributed only to traditional acrylic fabrics. sunsilk snc fabrics are thinner, smoother and lighter than their acrylic counterparts.

The highly dirt-repellent finish guarantees years of radiant colours. sunsilk snc, the first awning fabric with a self-cleaning effect in rain (a minimum 14° awning pitch is required to

ensure water run-off), tried, tested, and certified with the test symbol "selfcleaning - inspired by nature" awarded by the internationally renowned Institute for Textile Technology and Process Engineering - ITV, Deckendorf.



signature

Exclusivity at no extra cost // **The signature series made of sunsilk snc**

The stylists at markilux - together with internal and external designers - have developed the signature collection to cater specifically for highbrow tastes.

Our natural and architectural environment was the inspiration for the design of these unusually elegant fabrics. The colour concept was taken from photos with an extremely high pixel resolution.

Five themes (life, architecture, nature, the elements and texture) ensure faster orientation. Experience the uniqueness of the signature patterns.

Only at markilux

markilux visutex
markilux visutex with uniquely textured appearance. Plains and stripes have been re-invented and offer ideal opportunity for matching the awning cover to that of the drop valance.

life



36 944 sunsilk snc visutex



36 945 sunsilk snc visutex



36 943 sunsilk snc



36 950 sunsilk snc

architecture



36 984 sunsilk snc visutex



36 988 sunsilk snc visutex



36 935 sunsilk snc



36 942 sunsilk snc

nature



36 986 sunsilk snc visutex



36 916 sunsilk snc visutex



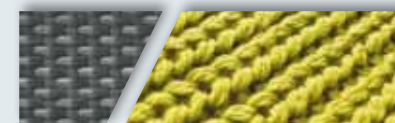
36 989 sunsilk snc



36 963 sunsilk snc

the elements

texture



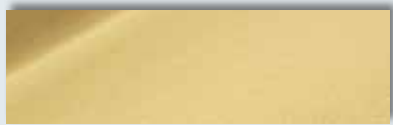
36 952 sunsilk snc *visutex*

36 991 sunsilk snc *visutex*

36 990 sunsilk snc *visutex*

36 995 sunsilk snc *visutex*

36 996 sunsilk snc *visutex*



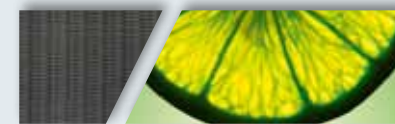
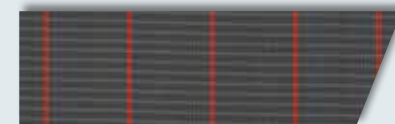
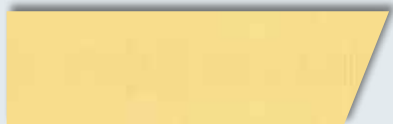
36 969 sunsilk snc *visutex*

36 919 sunsilk snc *visutex*

36 917 sunsilk snc *visutex*

36 993 sunsilk snc *visutex*

36 994 sunsilk snc *visutex*



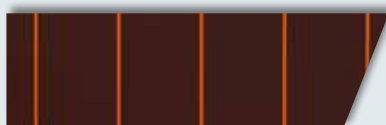
36 925 sunsilk snc

36 992 sunsilk snc *visutex*

36 977 sunsilk snc *visutex*

36 975 sunsilk snc *visutex*

36 978 sunsilk snc *visutex*



36 949 sunsilk snc

36 921 sunsilk snc *visutex*

36 920 sunsilk snc *visutex*





For your assistance you can find below the most important points with regard to the technical specification and the functionality of your awning. The best advice will be provided by your specialised markilux dealer, who has excellent knowledge of the markilux range of products and can steer you competently towards the right one for you - so that you get the markilux that is perfect for you!

Arm bearings are essential components of every awning: at the points where the arms pivot they ensure friction-free, noiseless power transference and lateral stability e.g. in strong winds. Teflon-coated bronze bushes - as used in many markilux models - are the best guarantee of durability and easy, problem-free operation.

Definition of projection: The nominal projection is measured with the awning extended at a pitch of approx. 15° from the back of the brackets over the cover to the leading edge of the front profile. The tolerance in the projection is +40 mm / -40 mm.

The front profile is that part of your markilux that extends outwards. It shuts snugly against the cassette when the awning is closed.

The front lath is the same as the front profile but is round in shape and is found on open style awnings. The cover is connected to the front lath. When extended, it stabilises the awning and has a keyway to which a valance can be fitted.

Fixture: Nearly all models can be fixed on request either to the wall or soffit. In most cases different brackets are required to do this.

Width: Overall width of the awning

markilux Quality // The Difference is in the Detail

Folding arm mechanisms: The folding arms of your markilux are moved either by the bionic tendon, with gas pistons or with strong steel-link chains. The latter is available as a single or as an even more robust twin chain, corrosion resistant. Gas piston-tensioned arms are an economic alternative. The bionic tendon is a markilux innovation. This is a power transference system developed by markilux using nature for inspiration. It guarantees frictionless and virtually noiseless flexing of the folding arms. This improves the power transference to the front profile and extends the life expectancy. All mechanisms ensure high operating comfort and a taut cover - even if your markilux is not completely extended.

Pivot joint components are made of aluminium at markilux - and in the case of some models even of steel. But regardless of the material, they are made exclusively using the superior drop-forging process and not cast. Both the aluminium and steel types ensure smooth operation and excellent durability.

Structural components such as cassette profiles, coverboards etc. are all made of extruded aluminium - this reduces the weight of the awning and increases safety. But above all, this material is extremely durable, is all but indestructible and looks good and presentable after many years.

Pitch: The pitch of your markilux is set individually by the professionals during installation. If you wish to set the pitch yourself, you require the pitch adjustment gear mechanism that is available as optional extra with the markilux 1300.

RAL colours and power coating: Beside the standard and Lounge frame colours, markilux awnings are also available in many other RAL colours at a surcharge (colours similar to the RAL colour range); Colours may differ slightly from those depicted in both hue and finish. markilux folding-arm awnings are polyester powder coated using the standard process as outlined by the GISCs (German Industrial Standard for Component Surfaces). This powder coating standard has proven itself admirably over the past 30 years in the climate of central Europe.

Shedding of water: There will invariably be a time when your awning becomes wet. However, so that water can run off effectively during retraction there are - depending on the awning model - various mechanisms to ensure this happens in the case of rainwater and residual water in the cassette (a minimum pitch of 14° is required to ensure that the awning sheds rain water). If the awning is retracted when wet it should be extended again at the earliest opportunity to allow it to dry.

Rolltex bearing: In the case of very wide awning systems the roller tube may sag slightly in the centre. So that the cover does not come into contact with the internal mechanics during projection and retraction a rolltex bearing is used to support the roller tube.

Torque bar: The arms are fitted to the torque bar on open, semi-cassette and cover cassette awning systems. For this reason this component is made of high-grade steel.

The roller tube is the tube on which the cover is rolled up. The larger the diameter of the roller tube the less the cover will sag. markilux roller tubes - depending on the awning model - are fitted with a roller tube with a diameter of 85 mm or even 95 mm.



Ultrasonic bonding: The individual panels of the awning fabrics are not stitched but bonded together by means of a holohedral overlap bond. It is particularly weather-resistant and durable as the bonding offers a surface less prone to wear and tear and the influence of the elements. Furthermore the bonding of the panels ensures a more attractive, homogeneous appearance without annoying seams.

Valances are suspended as additional decoration from the front profile. On request they are available in varying heights and shapes.





markilux Optional Accessories

markilux Optional Accessories // A markilux can do more. A lot more.



Light and wind sensors

The intelligent automatic weather station: You can lean back - your markilux reacts to any changes in the weather. The automatic sensors will send the awning out when the sun shines and retract it if the wind picks up too much. A practical aid which prevents the inside of the house from heating up too much and protects your furnishings from fading.



Shadeplus

The awning within an awning. Simply block out blinding sunlight or inquisitive glances. An awning fabric can be dropped vertically from the front profile - depending on the model up to 210 cm in drop and also available with motor. This ensures not only perfect protection from prying eyes, cold and heat, but also creates a wonderfully shaded, additional room outdoors.



Lighting

Lighting conjures up the ideal atmosphere for those balmy summer evenings. Depending on the awning model, it is available as either spot lighting in the front profile or as markilux spotline, a light bar suspended below the awning.



Radio-controlled motors and remote operation

An electric motor is a convenience, that will make your markilux react at the press of a button. The ideal addition to this is the new markilux handheld remote control - elegant and ergonomically shaped.



markilux infra-red heater

Cosy warmth when it starts to get cool. Feel the warmth immediately and enjoy more of the evening.

- caressing warmth with no heating up phase and a pleasing lighting effect at the same time
- an attractive, unobtrusive housing design in aluminium, powder coated to match the colour of your markilux awning
- the housing is weather and splash proof (IP 24) - the heater can stay in place all year round
- save as much as 30% on energy costs in comparison with gas or quartz radiating heaters
- available with remote control
- average lamp life approximately 5,000 hours
- power output optionally in 1400 W or 2000 W
- environmentally friendly: no CO₂ emissions



Sunis - solar cell operated light sensor

The sensor Sunis RTS will protect you from the sun and is flexible enough to be fitted to any façade. It sends extension and retraction signals to any blind or awning fitted with a radio-controlled motor without needing to be wired to the mains supply. It draws its power from the sun via a built-in solar cell. If the markilux folding-arm awning is also to be protected against damage through excessive wind, it will be necessary to fit the markilux Vibrabox as well.



Vibrabox - sensor for dynamic wind loads

Oscillation and inertia sensor based on radio-controlled technology

for the wireless transmission of wind signals. Battery powered so no power supply or cabling required. Fixture is to the inside or outside of the front profile. You can choose from 9 different levels of sensitivity. Compatible with all RTS receivers capable of receiving wind signals.



markilux System coverboard

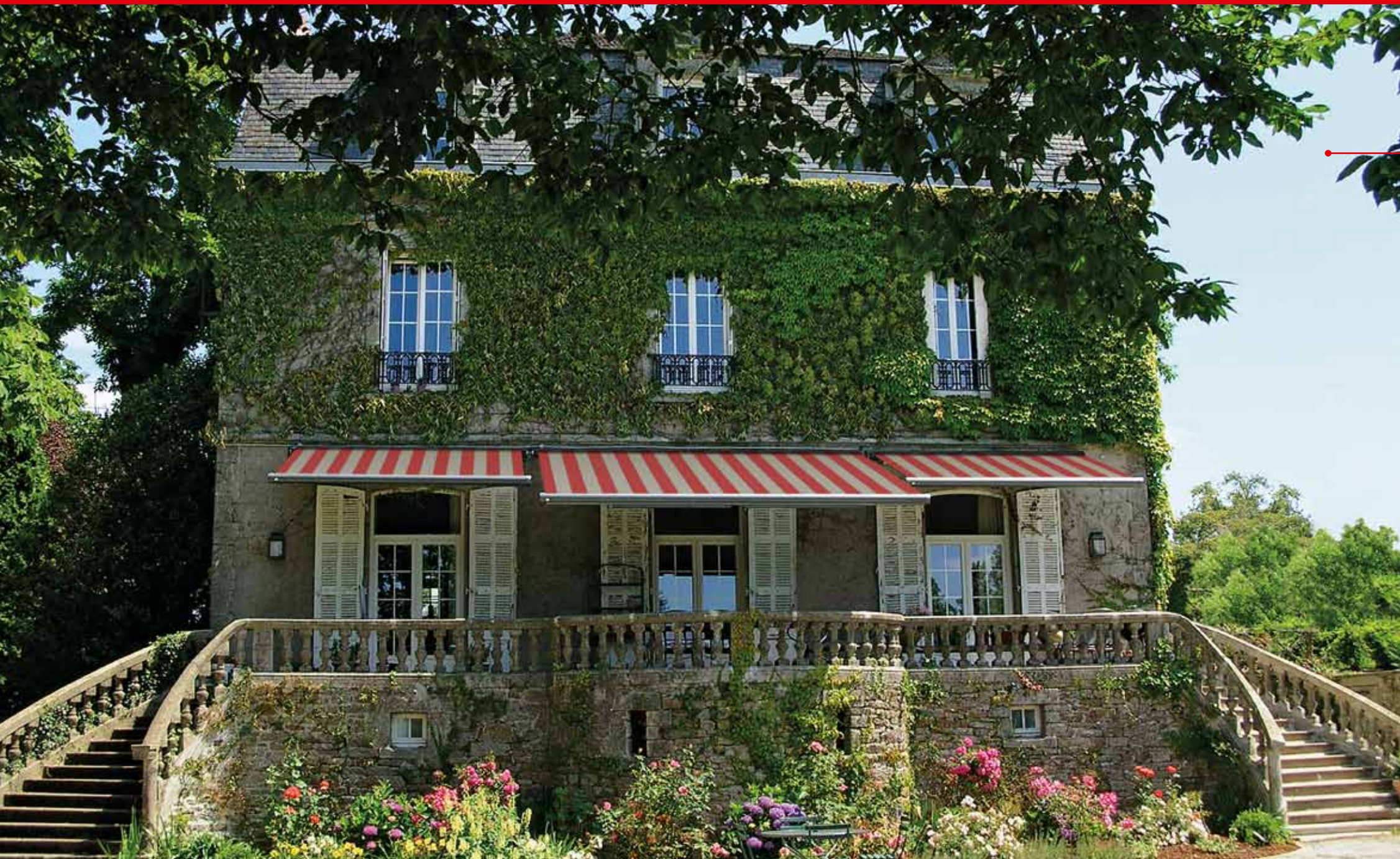
The new, elegant, transparent system coverboard from markilux is a protective but at the same time visually appealing

accessory to e.g. the new, open style awning models: the markilux 1000 and the 930 swing. An LED light rope, that can be integrated into the profile, is available as an optional extra. In the evening it provides a pleasant and extremely energy-saving lighting effect. So that the awning and the coverboard harmonise better with one another, the aluminium profile will be in the same colour as the awning frame. The system coverboard can be made to suit any awning width.















Safety

So that you can enjoy the use of your favourite spot in the shade without a care in the world markilux awnings have been tested in line with the European Standard EN 13561 at wind speeds up to and including Beaufort 5. The CE mark endorses compliance with this safety and quality standard.



markilux at a glance

In this overview you will find all markilux patio and balcony awnings. A large range of models that vary considerably from one another but which have one thing in common: the proverbial markilux quality in design, function and technology which makes something special of every markilux. **Discover the markilux for you!**


	Cassette Awnings						Semi-cassette Awnings			Open Awnings		
	6000	ES-1	990	5010	3300 3300 pur	1200 1200 stretch	1500	1600 / 1650 1600 stretch	1600 pavilion 2	930 swing	1000	1300 1300 stretch
												
Dimensions / Single Units*												
Maximum width	700 cm	650 cm	500 cm	700 cm	700 cm	700 cm stretch: 350 cm	660 cm	710 cm stretch: 410 cm	660 cm	500 cm	700 cm stretch: 400 cm	700 cm stretch: 350 cm
Maximum projection	400 cm	350 cm	300 cm	400 cm	350 cm	350 cm	350 cm	400 cm	350 cm	300 cm	400 cm	400 cm stretch: 350 cm
Mechanics												
Twin steel-link chain	—	—	—	●	●	—	—	●	●	—	—	—
Single steel-link chain	—	—	●	—	—	●	—	—	—	●	●	●
Gas pistons	—	●	—	—	—	—	●	—	—	—	—	—
Bionic tendon	●	—	○	○	—	—	—	—	—	—	—	—
Fixture to:												
Wall/Soffit	□	□	□	□	□	□	□	□	□	□	□	□
Eaves fixture	□	□	□	□	□	□	□	□	□	—	□	□
Valance												
Included with the delivery	—	●	—	—	—	●	—	—	—	●	●	●
Optional	○	—	○	○	○	—	○*	○*	—	—	—	—
Special Technical Features												
Arm joint components made from drop-forged aluminium or steel	●	●	●	●	●	●	●	●	●	●	●	●
Corrosion-resistant screws	●	●	●	●	●	●	●	●	●	●	●	●
Bonded cover seams	●	●	●	●	●	●	●	●	●	●	●	●

● standard specification / ○ optionally available at a surcharge / □ available / — not available

* a valance is standard on the 1600 stretch, it is not available on the markilux 1650

Optional Accessories and Frame Colours

	Cassette Awnings								Semi-cassette Awnings
	6000	ES-1	990	5010	3300	3300 pur	1200	1200 stretch	1500
									

Standard Colours									
white - RAL 9016	●	—	●	●	●	●	●	●	●
metallic aluminium - RAL 9006	●	—	●	●	●	●	●	●	●
grey brown - similar to RAL 8019	●	—	●	●	●	●	●	●	●
light ivory - RAL 1015	○	—	○	●	○	○	○	○	●
off-white textured finish - 5233	●	—	●	●	●	●	○	○	●
stone grey metallic - 5215	●	—	●	●	●	●	○	○	●
anthracite metallic - 5204	●	—	●	●	●	●	○	○	●
marine grade stainless steel	—		—	—	—	—	—	—	—

Optional Accessories									
motor or radio-controlled motor with remote control	○	●	○	○	○	○	○	○	○
light and wind sensor*	○	○	○	○	○	○	○	○	○
Vibrabox sensor for dynamic wind loads*	○	○	○	○	○	○	○	○	○
Sunis light sensor*	○	○	○	○	○	○	○	○	○
infra-red heater	○	○	○	○	○	○	○	○	○
Shadeplus (manual or with motor drive - depending on the model)	○	—	—	○	—	—	—	—	○
lighting	○	—	—	—	—	—	—	—	—
manual gearbox drive	●	—	●	●	●	●	●	●	●

Colours similar to the RAL chart - these may differ slightly from those depicted in both hue and finish.

*only available for models with motor drive

Optional Accessories and Frame Colours

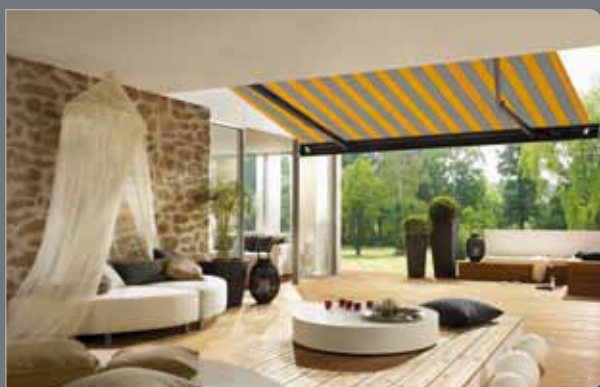
Special RAL colours are possible for all markilux model except for the ES-1.

Semi-cassette Awnings				Open Awnings			Side Screens		
1600	1650	1600 stretch	1600 pavilion 2	930 swing	1000	1300 1300 stretch	790	75	
									
									Standard Colours
●	●	●	●	●	●	●	●	●	white - RAL 9016
○	○	○	○	○	○	○	○	○	metallic aluminium - RAL 9006
●	●	●	●	●	●	●	●	○	grey brown - similar to RAL 8019
●	●	●	●	○	○	●	○	○	light ivory - RAL 1015
●	●	●	●	●	●	○	●	○	off-white textured finish - 5233
○	○	○	○	○	○	○	○	○	stone grey metallic - 5215
○	○	○	○	○	○	○	○	○	anthracite metallic - 5204
—	—	—	—	—	—	—	—	—	marine grade stainless steel
									Optional Accessories
○	○	○	○	○	○	○	—	—	motor or radio-controlled motor with remote control
○	○	○	○	○	○	○	—	—	light and wind sensor*
○	○	○	○	○	○	○	—	—	Vibrabox sensor for dynamic wind loads*
○	○	○	○	○	○	○	—	—	Sunis light sensor*
○	○	○	○	○	○	○	—	—	infra-red heater
○	—	○	—	—	○	○	—	—	Shadeplus (manual or with motor drive - depending on the model)
—	●	—	—	—	—	—	—	—	lighting
●	●	●	●	●	●	●	—	—	manual gearbox drive

● standard specification / ○ optionally available at a surcharge / — not available


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11/11 - We reserve the right to make technical modifications without giving prior notice.

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markilux awnings are quality products from  schmitz

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