




markilux *Patio & Balcony Awnings*

Living in comfort. In comfort with a personal touch.
Quality that meets the highest demands. Discover the ideal model for you.

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 made in germany

markilux Products

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

Design Features

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 get to where they are 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 well ahead as markilux clients should be able to enjoy our products for many 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



Function

markilux technology is designed to last for a small eternity. The materials used meet the highest standards so ensuring 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 facility, textile production and awning construction within one single company leads to the creation of products that leave nothing to be desired.

Service

markilux, dedicated to craftsmanship. markilux Specialist Dealers are experts when it comes to the sale and installation of awnings. We support these businesses with training and the transfer of know how.

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markilux Cassette Awnings

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

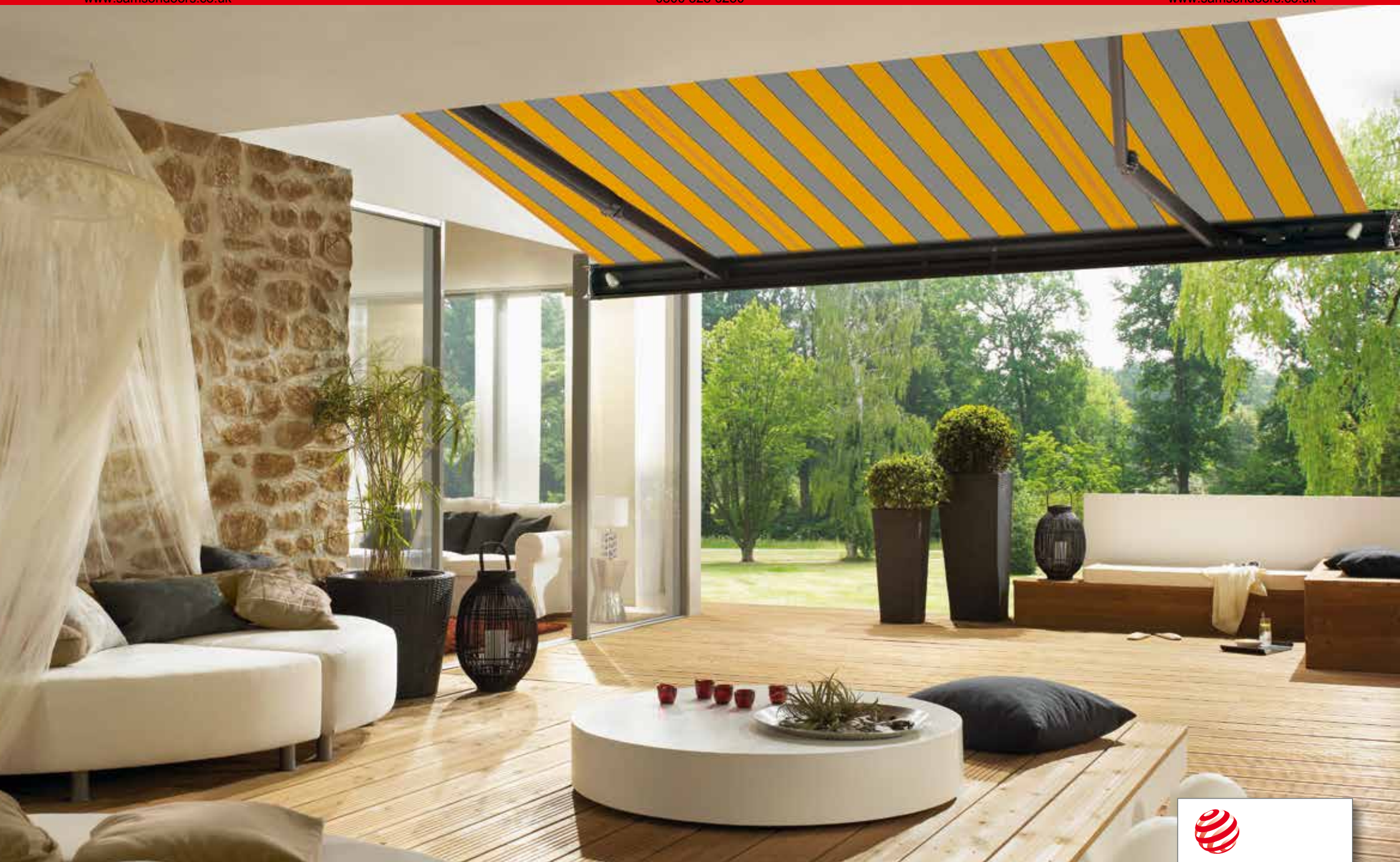
A cassette awning is the right choice, especially if you require maximum protection for your cherished awning - needless to mention the modern design - such as that of our markilux 6000. With its three design variations Club, Studio and Lounge it is perfectly adapted to different styles of house. Thanks to its outstanding product design it received the reddot Design Award.

However our other models also leave nothing to be desired: compact, small and functional, the markilux 990 impresses with its modern design. In fact as much so as the elegant and especially 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 impresses with its fine choice of materials and its elegant lines and contours.



markilux



markilux 6000



reddot design award

markilux 6000 // The cassette awning with excellent design characteristics - innovative, stunning and with a wealth of options

Design and technology

The markilux 6000 is the markilux of innovation, with many good ideas and new technologies. Simply the most versatile horse from the markilux stables.

The markilux 6000 is a cassette awning with futuristic connection technology at the elbow joints of the awning's folding 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). Optionally a shadeplus / drop valance (also motor-driven) is available.

Amongst the endless range of possibilities to personalise the markilux 6000, the Lounge style line frame colours off-white textured finish, stone grey metallic, anthracite metallic and Havana brown textured finish are also available.

Dimensions

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

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.

Operation / drive unit

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 42 onwards



markilux infra-red heater: cosy warmth when it starts to get cooler; feel the pleasant warmth in an instant and enjoy the evening longer



optimum power transference by way of the markilux bionic tendon made of high-tech fibres



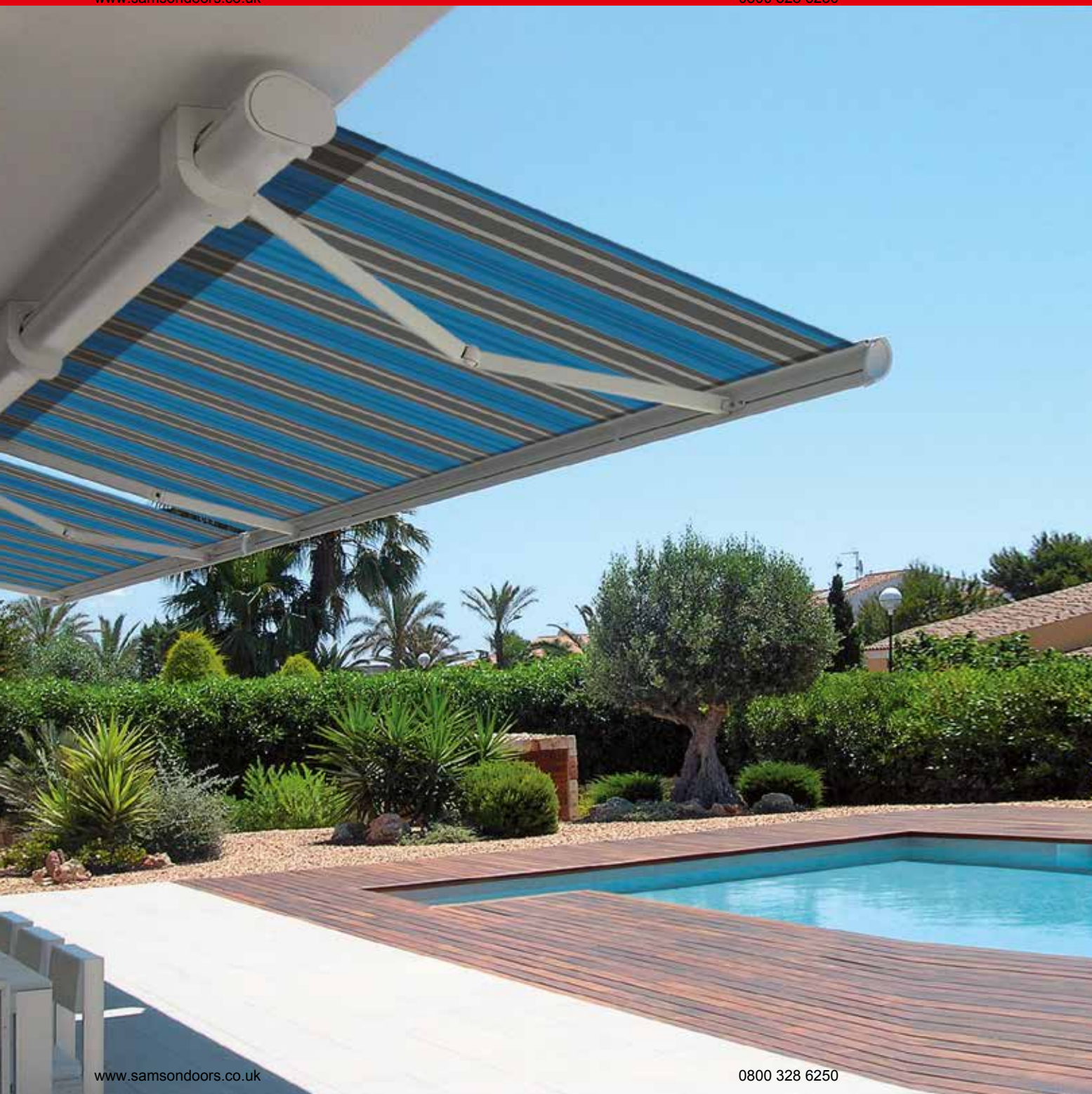
stylish markilux spots from the design studio, in an aluminium housing, anodised silver in colour the halogen spotlights in the front profile are directionally adjustable
















the markilux 6000 offers numerous possibilities to personalise your awning
For an overview of the possible combinations of colour and finishes, please turn over.










Shadeplus / drop valance: The awning within an awning. Simply block out the low-lying sun or inquisitive glances.



Frame colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	Havana brown textured finish 5229
	traffic white RAL 9016
	metallic aluminium RAL 9006

End cap trim colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	Havana brown textured finish 5229
	polished chrome
	traffic white RAL 9016
	metallic aluminium RAL 9006

End cap insert colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	Havana brown textured finish 5229
	stainless steel mesh
	traffic white RAL 9016
	metallic aluminium RAL 9006

markilux Lounge Colours

anthracite metallic



Havana brown textured finish



stone grey metallic



off-white textured finish

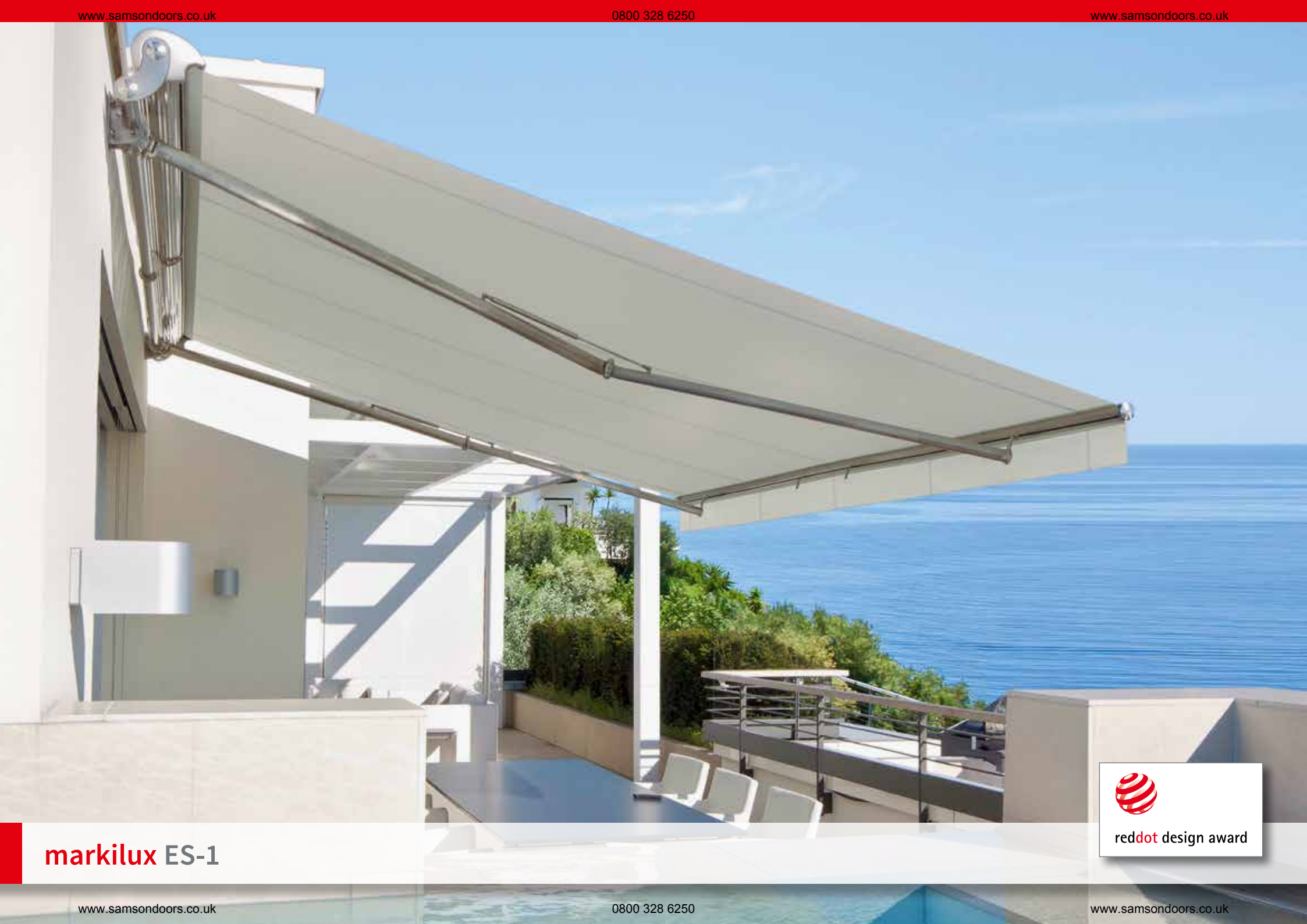
**markilux** Standard Colours

traffic white



metallic aluminium





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 roller tube is an impressive 95 mm in diameter 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 take your breath away. The attractively shaped end caps can be ordered in stainless steel, copper or brass. A valance is supplied as standard. The arms and hinged joints, all screws and design elements are completely made of marine grade stainless steel: This material is largely resistant to aggressive environmental influences.

Dimensions

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

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.

Operation / drive unit

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

Optional accessories, frame colours and technical details from page 42 onwards



sublime in its design, optionally with end cap design features in stainless steel, copper or brass



largely resistant to aggressive environmental influences thanks to its manufacture in brushed, marine grade stainless steel





markilux 990

markilux 990 // The perfect accessory for your house

Design and technology

This compact, torque bar-free and slim full cassette awning has been given a dynamic face-lift that was realised in conjunction with a renowned design studio. The u-shaped front profile encompasses the folding arms elegantly and closes neatly against the cassette 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. Its torque bar-free construction saves both space and weight.

markilux 990 Lounge

The markilux 990 is available in all the Lounge colours: off-white textured finish, stone grey metallic, Havana brown textured finish and anthracite metallic. The end caps of the cassette in polished chrome - along with the timeless, exclusive appearance of the Lounge frame colours - give the awning a unique look.



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

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.

Dimensions

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

Operation / drive unit

Manual operation by means of a stainless steel winding handle. On request a hard-wired electric motor or a radio-controlled motor with markilux remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 42 onwards



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



side view showing face fixture; top fixture is also available



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 at the elbow joints



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 powerful folding arms give stability and provide optimum cover tension. All screws and basic components are made of corrosion-resistant stainless steel.



side view showing face fixture; top fixture is also available



optionally a wall sealing profile can be added



corrosion-resistant and technically proven; twin steel-link chains at the elbow joints

The markilux 5010 Lounge

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



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

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.

Dimensions

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

Operation / drive unit

Manual operation by means of a stainless steel winding handle. On request a hard-wired electric motor or a radio-controlled motor with markilux remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 42 onwards



shadeplus / drop valance (optional) during extension



pitch adjustment via the fixture brackets



markilux 3300 / 3300 pur

markilux 3300 / 3300 pur // 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.

All screws and basic components are made of corrosion-resistant stainless steel and the arms run in Teflon-coated bushes. The roller tube has an impressive diameter of 85 mm.

Unique arm technology with power transference via the high tensile strength bionic tendon made from high-tech fibres which achieved at least 50,000 cycles during tests by the Fraunhofer Institute.

markilux 3300 pur

The alternative with smooth front profile



side view with awning closed, face fixture



gutter with lateral water spouts



tilt device with wind safety mechanism

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.

Dimensions

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

Operation / drive unit

Manual operation by means of a stainless steel winding handle. On request a hard-wired electric motor or a radio-controlled motor with markilux remote control operation can be fitted.



optimum power transference by way of the markilux bionic tendon made of high-tech fibres



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 1710 / 1710 stretch

markilux 1710 / 1710 stretch // Chic, modern, enclosed – the flawlessly designed cover cassette awning

Design and technology

The elegant, teardrop-shaped cassette made of extruded aluminium encompasses the roller tube even when the awning is extended and thus ensures an harmonious appearance. Homogeneous transition from the round torque bar to the round roller tube. When retracted the cover is completely protected from the vagaries of the weather. The 85 mm strong roller tube ensures the highest stiffness and the best possible cover winding characteristics even at the largest widths. Unique arm technology with power transference via the high tensile strength bionic tendon made from high-tech fibres achieved at least 50,000 cycles during tests by the Fraunhofer Institute. The attractive front profile with integrated gutter ensures water drains away to the sides.

Dimensions

The markilux 1710 is available up to a maximum width of 700 cm. The maximum projection is 350 cm.



side view, face fixture



attractive front profile made of extruded aluminium with integrated gutter and water drainage spouts



markilux bionic tendon made from high-tech fibres for optimum power transference - as standard

Choice of fabrics

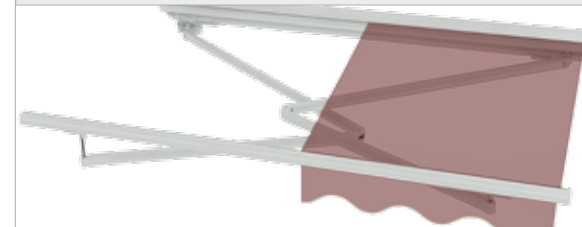
All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range. A removable valance is supplied as standard.

Operation / drive unit

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

markilux 1710 stretch

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



arms cross above one another during extension



tiered folding arm fitted to the sturdy, secondary section of torque bar



markilux Semi-cassette Awnings

markilux Semi-cassette Awnings

Semi-cassette awnings are an award-winning development by markilux. 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.

The integrated halogen lighting in 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.



markilux



markilux 1500



markilux 1500 // Certainly special - and not just technically speaking - the semi-cassette awning with gas piston arms

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 a full 85 mm in diameter.

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 optionally available.

Frame Colours for Semi-cassette Awnings

The stylish colour and material combinations of the Lounge style line give semi-cassette awnings their own individual touch. All markilux semi-cassette awnings are available in the Lounge colours at no extra charge.

An overview of the colour and material combinations available can be found on page 29.



Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range. If required a valance and / or a manual shadeplus (drop valance) can be fitted.

Dimensions

The markilux 1500 is available up to a maximum width of 660 cm at a projection of 300 cm and up to a width of 610 cm at its maximum projection of 350 cm. Units with larger widths are fitted with an additional rolltex bearing to prevent deflection of the roller tube.

Operation / drive unit

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 42 onwards



side view, face fixture



side view, top fixture



the gas piston-tensioned arms ensure reliable and simple operation



markilux 1600 / 1600 stretch



markilux 1600 / 1600 stretch // The semi cassette with a projection of 400 cm. Excellent design and well-thought-through mechanics.

Design and technology

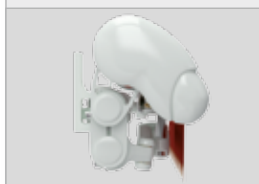
The powerful arms provide optimum cover tension. The round 50 mm torque bar is extremely resistant to twist and deflection, the roller tube is a full 85 mm in diameter. The markilux 1600 is fitted with a double steel-link chain as standard. A wall sealing profile is optionally available.

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.

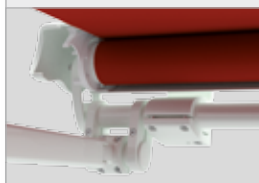
The coverboard is fitted with a brush which removes the worst dirt and debris as the awning is being retracted. The coverboard adapts itself to the pitch of the awning automatically thanks to a unique and patented mechanism so that there is no gap between coverboard and front profile.

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 sturdy, secondary section of torque bar



arm fixture to the front profile, right



arm fixture to the front profile, left



arm fixture to the torque bar

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range. If required a valance (included with the 1600 stretch) and / or shadeplus / drop valance (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 / drive unit

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



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



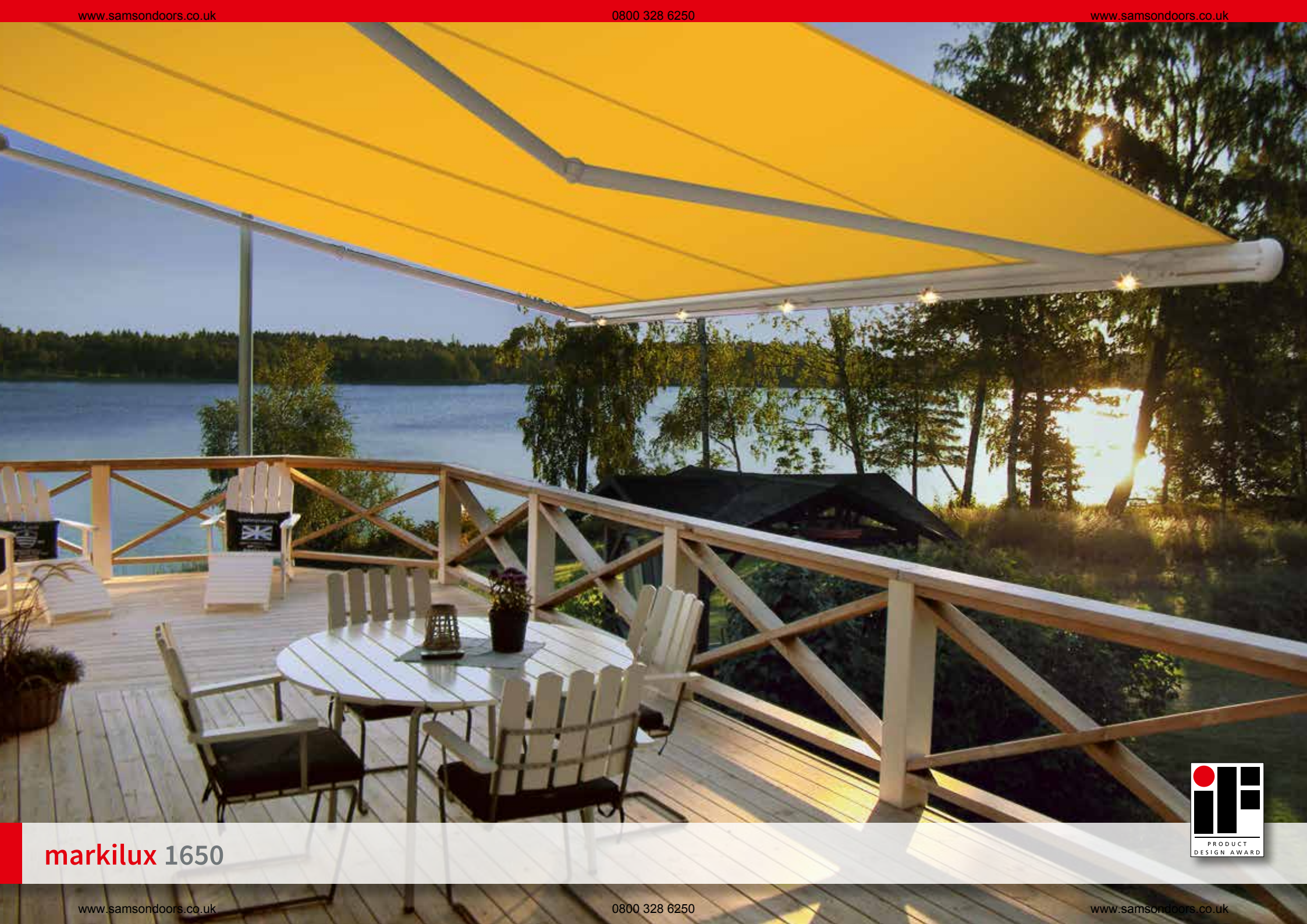
to protect them from corrosion the strong double steel-link chains are recessed into the elbow joints of the folding arms



side view, face fixture



side view, top fixture



markilux 1650



markilux 1650 // Enjoy more of the evening - with integrated halogen spotlights

Design and technology

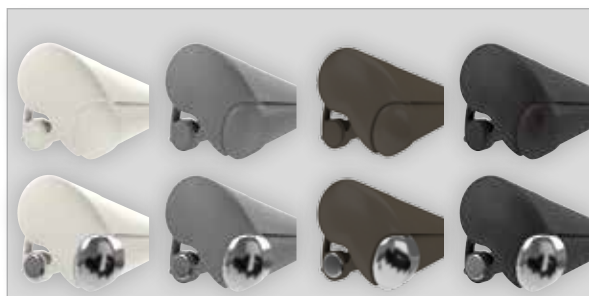
The markilux 1650 corresponds to the markilux 1600 (folding arms with double steel-link chains). This model, however, has integrated halogen spotlights in the front profile.

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range.



front profile with integrated halogen light source - adjustable vertically through 90°



The stylish colour and material combinations of the Lounge style line give this semi-cassette awning its own individual touch. An overview of the colour and material combinations available can be found on page 29.

Dimensions

The 1650 is available with a maximum width of 710 cm and a maximum projection of 400 cm. Units with larger widths are fitted with an additional rolltex bearing to prevent deflection of the roller tube.

Operation / drive unit

Manual operation by means of a stainless steel winding handle. On request a hard-wired electric motor or a radio-controlled motor with markilux remote control operation can be fitted.

Optional accessories, frame colours and technical details from page 42 onwards



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



All markilux semi-cassette awnings are available in various combinations of end cap and frame colour. An overview of the colour and material combinations available can be found on page 29.





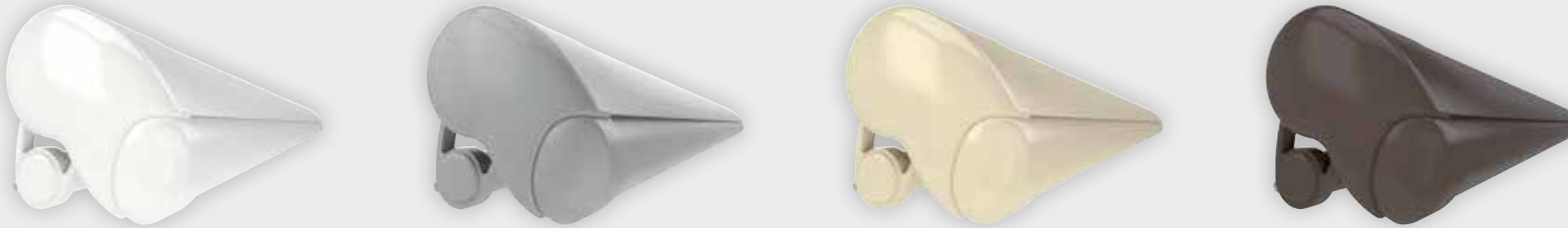
markilux 1600





markilux Semi-cassette Awnings - Lounge and Frame Colours

Frame Colours for Semi-cassette Awnings

Frame colours for markilux semi-cassette awnings

All markilux semi-cassette awnings are available in various combinations of both end cap and frame colour, some of 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

Lounge colours for markilux 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, and 1650 their own highly individual touch.



Frame colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	Havana brown textured finish 5229

End cap colours	
	off-white textured finish 5233
	stone grey metallic 5215
	anthracite metallic 5204
	polished chrome colour combination 15
	Havana brown textured finish 5229



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 means of a cassette is no longer mandatory. The markilux 930 swing in particular with its modern and functional design, brings 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 models and accessories - amongst others, for example, the stretch model markilux 1700, which gives the option of greater projection than width - make open style awnings an ideal shading solution which can be tailored to most requirements and any budget.



markilux



markilux 930 swing



reddot design award

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

Design and technology

It is small, elegant and extremely delicate thanks to its torque bar-free construction. An awning creating more 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 flat appearance when closed.

When the awning is extended it initially remains in the horizontal plain but then pivots down into the preset pitch. Bolts in the brackets allow the pitch to be adjusted infinitely from 5° to 80°. A windlock

mechanism prevents the awning from lifting up when extended: The shoulder joints slot into the side cheeks and only become free to move when the awning starts to retract.

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 could be combined with an additional coverboard, for example with the new markilux system coverboard.

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. A valance is supplied as standard.

Dimensions

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

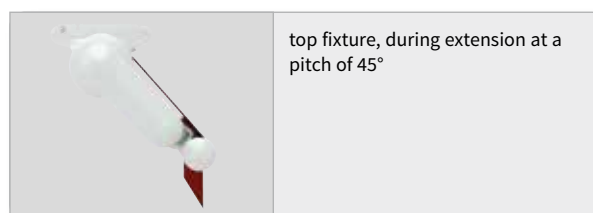
Operation / drive unit

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 42 onwards



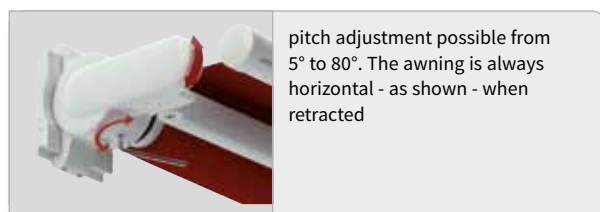
side view, face fixture



top fixture, during extension at a pitch of 45°



folding arm with round steel-link chain at the elbow joints



pitch adjustment possible from 5° to 80°. The awning is always horizontal - as shown - when retracted



top fixture, during extension at a pitch of 80°



the markilux 930 with system coverboard (optional)



markilux 1700 / 1700 stretch



German
Design Award
NOMINEE 2014



reddot design award

markilux 1700 / 1700 stretch // **Elegant design, trusted technology – the open awning with an elegant appearance**

Design and technology

The classic shape of an open patio awning with elegant appearance. Torque bar and roller tube meld together like drops of water giving an harmonious and delicate appearance.

Excellent design

The successful design of the markilux 1700 was acknowledged by its winning the reddot Design Award. The attractive front profile with integrated gutter ensures water drains away to the sides. The especially sturdy construction of the awning allows even large areas to be shaded safely.

Unique arm technology with power transference via the high tensile strength bionic tendon made from high-tech fibres achieved at least 50,000 cycles during tests by the Fraunhofer Institute.

Dimensions

The markilux 1700 is available in a maximum width of 700 cm. The maximum extension is 400 cm.

Operation / drive unit

Manual operation by means of a stainless steel winding handle. On request a hard-wired electric motor or a radio-controlled motor with markilux remote control operation can be fitted.

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available. Furthermore the coated, waterproof fabrics sunvas perla and sunsilk perla FR are available at a surcharge. If fire regulations have to be observed, we recommend the heavily flame retardant fabrics in the sunsilk perla FR range. A removable valance is supplied as standard.



side view, top fixture



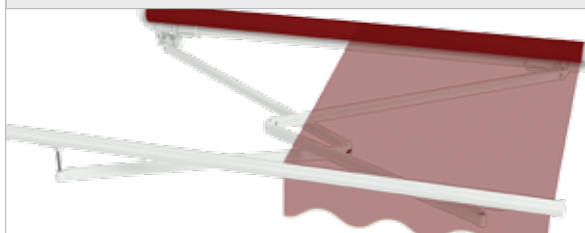
attractive front profile made of extruded aluminium with integrated gutter and water drainage spouts



markilux bionic tendon made from high-tech fibres for optimum power transference - as standard

markilux 1700 stretch

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



arms cross above one another during extension



tiered folding arm fitted to the sturdy, secondary section of torque bar





markilux 790

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 strong internal spring ensures optimum cover tension.

The markilux mobilfix can also be used for increased flexibility - a docking post mounted on a mobile granite footplate.

The cassette can be fitted easily and without problem thanks to the universal fixing points. The docking post can either be inserted into a ground sleeve or comes with a footplate welded to it. If the side awning is to be fixed between two walls, there is also a wall connector onto which the handle can be hooked.

Choice of fabrics

All fabrics from the current markilux collection made from sunvas snc and sunsilk snc including the exclusive fabric series visutex are available.

Dimensions

The compact cassette is available in the standard heights of 173 cm, 213 cm and 250 cm. Covers made from bonded panels (120 cm wide) have a maximum extension of 400 cm; with seamless covers the maximum extension is 450 cm.



Optional accessories, frame colours and technical details from page 42 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 matches the pitch of the awning and so visually creates a sense of harmony on the patio.

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



markilux Quality

The most important points with regard to the technical specification and the functionality of your awning can be found below. However, 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 choice of product - 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 to the front profile 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.

Projection: The nominal projection is measured with the awning extended at a pitch of approximately 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 the profile 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: The overall width of the awning

markilux Quality // The Difference is in the Detail

Folding arm technology: The folding arms of your markilux awning are moved either by the markilux bionic tendon, by gas pistons or by strong round steel-link chains. The latter are available as single or in an even more robust version as twin chains and are corrosion resistant. Gas piston-tensioned arms are an economical alternative. The bionic tendon is a markilux innovation. This is a power transference system developed by markilux using nature as its inspiration. It provides frictionless and virtually noiseless bending of the arm. 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 die-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 still looks good and very presentable after many years.

Pitch: The pitch of your markilux is set individually by the professional fitters during installation.

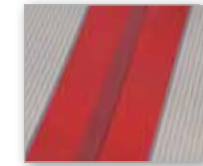
RAL colours and power coating: Beside the standard and Lounge frame colours, markilux awnings are also available in many other RAL colours at a surcharge (colours similar to the RAL colour range); Colours may differ slightly from those depicted in both hue and finish. markilux folding-arm awnings are 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.

Water drainage: 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 extension and retraction a rolltex bearing is used to support the roller tube.

Torque bar: The arms are fitted to the torque bar in 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 95 mm. As roller tubes in this diameter hardly deflect at all they ensure that the cover remains taut even on wider awnings.



The ultrasonic bonding process:

The individual panels of awning fabric are not stitched together, but bonded together by means of a holohedral overlap bond. It is particularly weather resistant and durable as bonding results in a smooth surface which is less prone to degradation. 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. They come as standard with open style, cover cassette and stretch awnings. A valance is not available with the markilux 1650.



markilux Function plus

markilux Function plus // A markilux can do more. A lot more!



markilux silentec

The acoustic decoupling of the motor from the roller tube and cassette makes the motor astonishingly quiet, ensuring that awnings to which it is fitted operate with very little noise.

This innovative motor technology is now available in the following awning models:

- markilux 6000 (single units with two arms)
- markilux 5010 (single units with two arms)
- markilux 3300 / markilux 3300 pur (single units with two arms)
- conservatory awning markilux 8800 (single units and in coupled units with one motor per field)
- markilux pergola 110 and markilux pergola 210 (single units and coupled units with one motor per field)



markilux concertronic

The sound system for the markilux 6000. Stereo music pleasure without a single loudspeaker.

- music relayed wirelessly via



- improved sound quality thanks to a new, improved amplifier system
- the power supply is integrated into the amplifier
- energy efficient, powerful output unit

markilux silentec and markilux concertronic cannot be retrofitted to an existing markilux 6000.

markilux revento

Function plus – aluminium telescopic support poles



markilux revento consists of two telescopic aluminium poles attached to the front profile of folding-arm awnings which add extra stability when the awning is extended. The aluminium supports of the markilux revento reduce the effect of light wind on the awning. This allows you to relax completely under your awning even in gusty wind conditions.

The markilux revento is adjustable in height from 151 cm to 270 cm and can be used for the following awnings:

- markilux 6000 / 6000 with shadeplus
- markilux 5010 (without shadeplus)
- markilux 990
- markilux 1500 / 1600 / 1600 stretch (all without shadeplus)

The support poles are attached to the valance slot in the front profile. Accordingly, valances are not available in combination with the markilux revento.



markilux Optional Accessories

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



Light and wind sensor

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 to prevent indoor rooms from heating up excessively.



Shadeplus / drop valance

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



Lighting

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



Radio-controlled motors and remote control 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 hand-held remote control - elegant and ergonomically shaped.



markilux infrared heater

Cosy warmth when it starts to get cool. Feel the pleasant warmth in an instant and enjoy the evening for even longer.

- caressing warmth with no heating up phase and a pleasant 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. Built-in solar cells ensure the power-supply. If your 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 without the need for a power supply cable. You can select from 3 levels of sensitivity. Compatible with all RTS receivers capable of receiving wind signals.

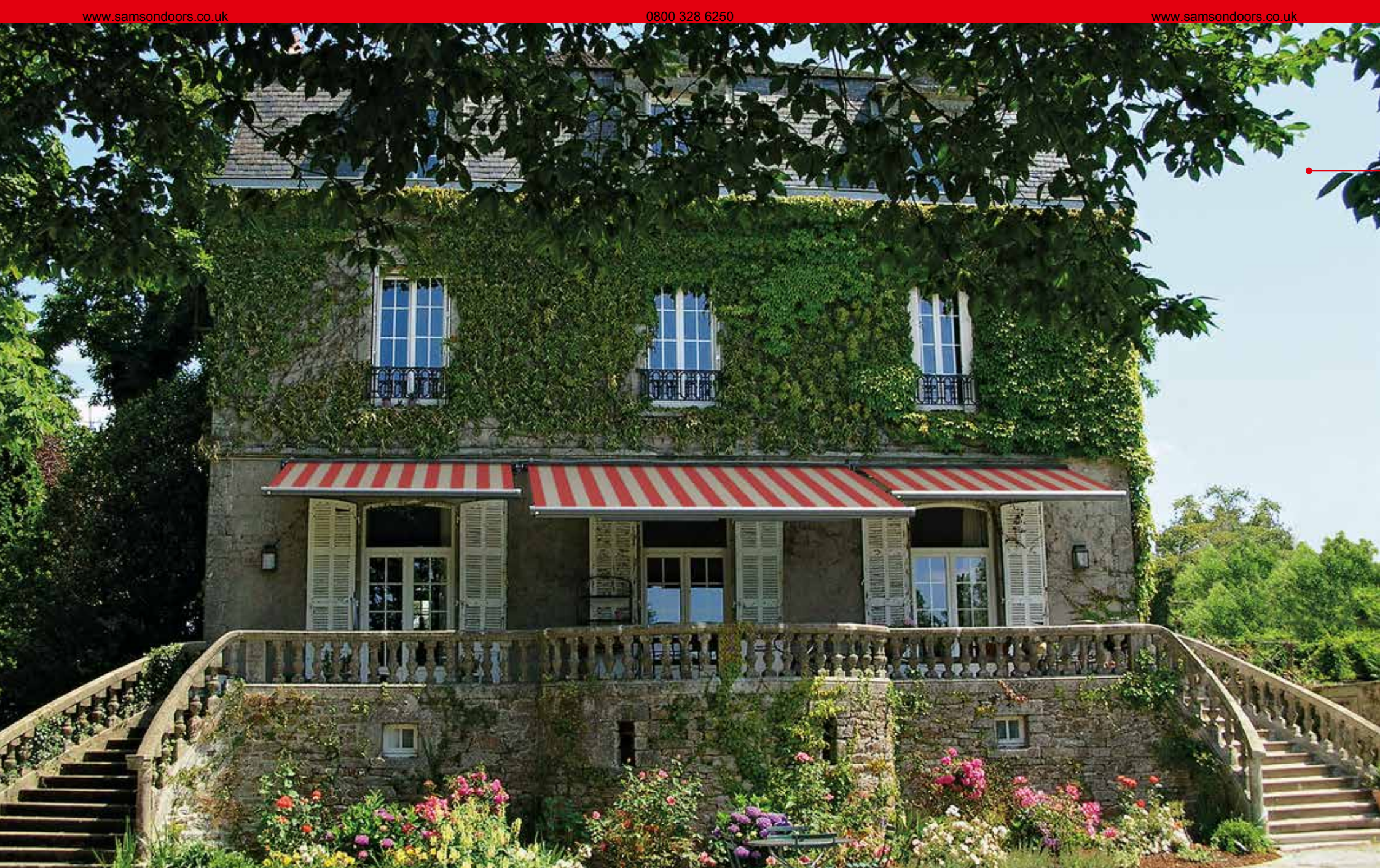


markilux system coverboard

The new, elegant, transparent system coverboard from markilux is a protective but at the same time visually appealing accessory to e.g. the open style awning model markilux 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, energy-saving lighting effect. So that the awning and the coverboard harmonise better with one another, the aluminium profile is in the same frame colour as the awning. The system coverboard can be made to suit any awning width.

CE - 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 section you will find an overview of 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 Awning Systems	
	6000	ES-1	990	5010	3300 3300 pur	1500	1600 / 1650 1600 stretch	1710 / 1710 stretch	930 swing	1700 / 1700 stretch
										
Dimensions / Single Units										
maximum width	700 cm	650 cm	500 cm	700 cm	700 cm	660 cm	710 cm stretch: 410 cm	700 cm stretch: 400 cm	500 cm	700 cm stretch: 400 cm
maximum projection	400 cm	350 cm (max. width 600 cm)	300 cm	400 cm	350 cm	350 cm (max. width 610 cm)	400 cm	350 cm	300 cm	400 cm
Mechanics										
twin steel-link chain	—	—	—	●	—	—	●	—	—	—
single steel-link chain	—	—	●	—	—	—	—	—	●	—
gas pistons	—	●	—	—	—	●	—	—	—	—
bionic tendon	●	—	○	○	●	—	○	●	—	●
Fixture:										
face / soffit fixture	□	□	□	□	□	□	□	□	□	□
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,
www.samsondoors.co.uk

Optional Accessories and Frame Colours







Optional Accessories and Frame Colours

	Cassette Awnings						Semi-cassette Awnings		
	6000	ES-1	990	5010	3300	3300 pur	1500	1600	1650
									

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	●	—	●	●	●	●	●	●	●
Havana brown textured finish - 5229	●	—	●	●	●	●	●	●	●
marine grade stainless steel	—		—	—	—	—	—	—	—

Optional accessories									
hard-wired motor or radio-controlled motor with remote control	○	●	○	○	○	○	○	○	○
light and wind sensor*	○	○	○	○	○	○	○	○	○
Vibrabox sensor for dynamic wind loads*	○	○	○	○	○	○	○	○	○
Sunis light sensor*	○	○	○	○	○	○	○	○	○
infrared heater	○	○	○	○	○	○	○	○	○
shadeplus / drop valance (manual or with motor drive - depending on the model)	○	—	—	○	—	—	○	○	—
lighting	○	—	—	—	—	—	—	—	●
manual gearbox operation	●	—	●	●	●	●	●	●	●

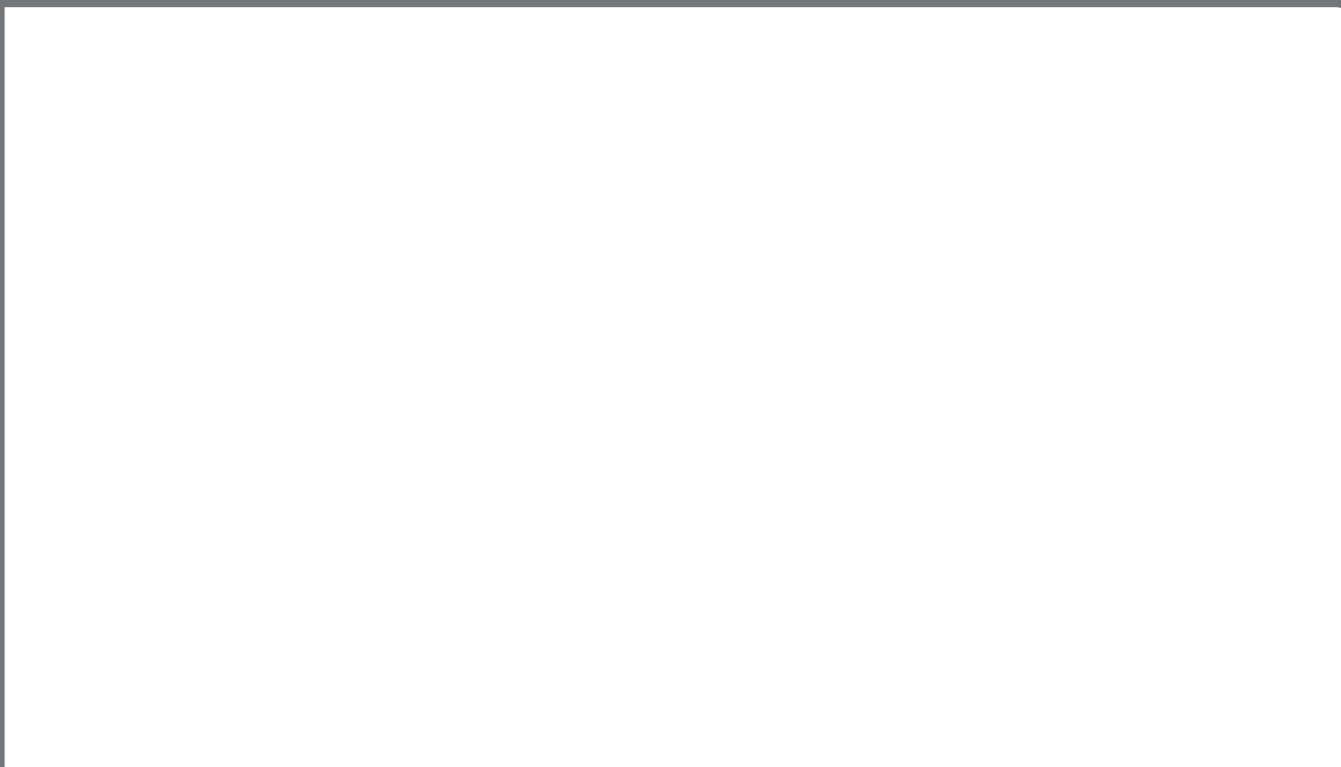
Optional Accessories and Frame Colours

Semi-cassette Awnings			Open Awning Systems			Side awnings	
1600 stretch	1710	1710 stretch	930 swing	1700	1700 stretch	790	
							Non-standard RAL colours are available for all markilux models except the ES-1.
							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
●	●	●	○	○	○	○	Havana brown textured finish - 5229
—	—	—	—	—	—	—	marine grade stainless steel
							Optional accessories
○	○	○	○	○	○	—	hard-wired motor or radio-controlled motor with remote control
○	○	○	○	○	○	—	light and wind sensor*
○	○	○	○	○	○	—	Vibrabox - sensor for dynamic wind loads*
○	○	○	○	○	○	—	radio controlled light sensor Sunis Wirefree*
○	○	○	○	○	○	—	infrared heater
○	—	—	—	—	—	—	shadeplus / drop valance (manual or with motor drive - depending on the model)
—	—	—	—	—	—	—	lighting
●	●	●	●	●	●	—	manual gearbox operation

● standard specification / ○ optionally available at a surcharge / — not available; Colours similar to those in the RAL range; colours may differ slightly from those depicted in both hue and finish.

www.markilux.com

safe · timeless · beautiful



7609470 05/14 • We reserve the right to make technical modifications without giving prior notice.

markilux