



Designer awnings for patio and balcony

markilux Optional Accessories

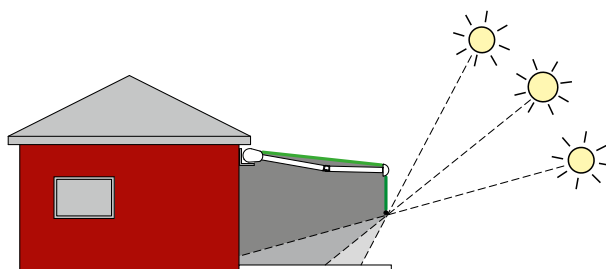
Accessories, Control Mechanisms, Heating and Lighting.

markilux Shadeplus / Drop Valance

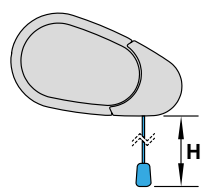
Create new living space in the open air



With a shadeplus – the awning within an “awning” – you can adjust the shade to your liking, regardless of the position of the sun. Without having to change the pitch angle of the awning itself, you can extend the shadeplus to provide just the right amount of shade. The shadeplus fabric cover is weighted down by a bottom profile. This perfect means of protecting yourself from the glare of the sun – and from inquisitive glances – creates a cosy living area outdoors. During the day it excludes the sun and in the evening it keeps the cool air at bay. In contrast to awnings which only give “more shade” by being tilted at a greater angle, those fitted with the markilux shadeplus still provide a maximum of headroom – so giving the immediate impression of realising “more space”.



Shadeplus drop



The Shadeplus drop **H** is measured from the bottom edge of the front profile to the bottom edge of the shadeplus bottom profile. Due to fabric thickness tolerances the actual drop may be shorter than the nominal drop by up to 5 cm. Retract your shadeplus fabric cover immediately if it becomes windy as it is not very stable in windy conditions.

Detailed explanations of the maximum drop, operation type and shadeplus covers can be found in the chapter corresponding to the awning model in question.

N.B!

- For safety reasons the shadeplus must be retracted before the awning is operated.
- Only available in plain seamless fabrics (oversized, fabric width > 120 cm) or in plains with a horizontal joint (fabric width 120 cm)

How a shadeplus cover is manufactured

A shadeplus (the markilux invention otherwise known as a drop valance or vario valance) is ideally manufactured with a seamless cover or with horizontally joined fabric panels (the cover has a horizontal seam or bonded joint) to guarantee the best possible appearance.

- Seamless covers: can be made using sunvas oversized fabric (fabric > 120 cm wide), transolair, series 338.. and vuscreen Alu. Selecting vuscreen Alu may mean that a limited shadeplus height has to be accepted.
- Covers with a horizontal seam are made using plain fabric patterns from the sunsilk, sunvas or visutex collections and transolair, series 339.. as well as from Soltis Perform 92

markilux infrared heater



Always state the type of fixture required when ordering

- Special features
- Soft start function with reduced initial current surge
 - Cooling fins on the back prevent excessive heating of the mounting surface
 - Brackets for wall and top fixture, as well as fixture to markilux awnings, see “Fixture and accessories for markilux infrared heaters, LED Spotline, spotline halogen and E-box”
 - The asymmetrical reflector gives optimum heat distribution
 - The infrared halogen lamp with Ultra Low Glare heating tube technology ensures minimum glare and a pleasant light temperature
 - Minimum installation height 1.8 m
- Standard features
- All infrared heaters include a 1.8 m power supply cable and a Hirschmann coupling plug
 - 2 brackets are required for all fixture methods, except the bracket range for the markilux syncra 72083. and 72084. where only 1 bracket is required

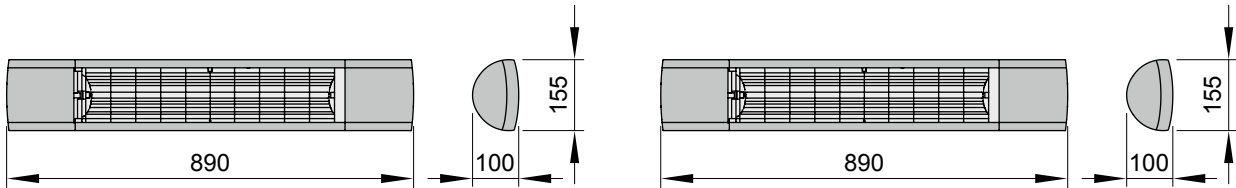
markilux infrared heaters offer an optimum of warmth with pleasant infrared heat – conducive to a comfortable outdoor living experience. The low glare technology converts the power input into a maximum of heat output. Infrared heaters are perfect leisure time companions for the garden, terrace, balcony and under an awning. They are efficient, energy-saving and create a cosy atmosphere at the touch of a button.

Overview of dimensions

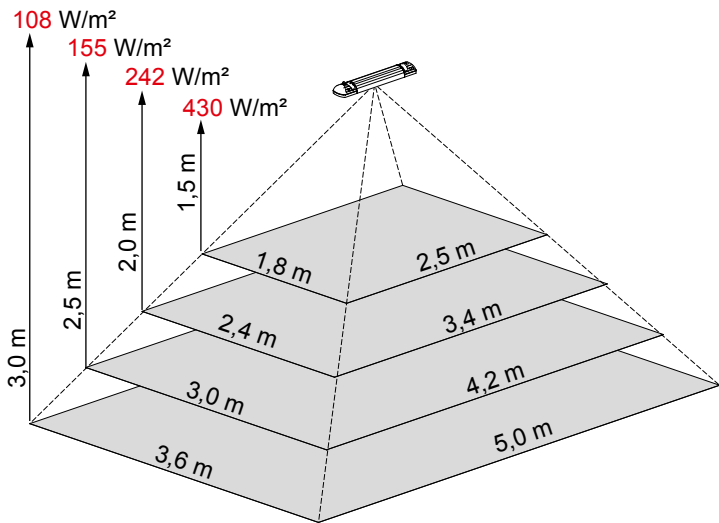
Infrared heater 2500 Watt without radio receiver

Order no. 76977.

Infrared heater 2500 W, can be dimmed in 3 stages, with integrated radio receiver 868 MHz io
Order no. 76978.



Maximum infrared radiation intensity



Radiation core zone (50 % of the central radiation) dimensions in mm

markilux infrared heater

Technical specification

Power supply	230 V, 50 Hz, 16 A slow-burn fuse
Wiring cross section	H05SS-F3G 3 × 1.5 mm ²
Power output (per heater)	2500 Watt
Length × depth × height (2500 Watt)	890 mm × 100 mm × 155 mm

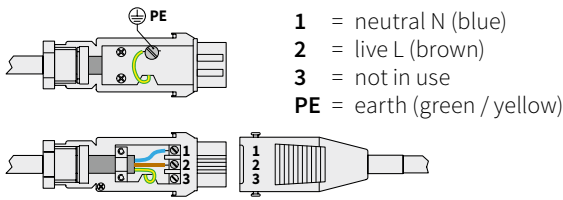
Housing colours

	standard	optional
traffic white RAL 9016	✓	—
metallic aluminium RAL 9006	✓	—
grey brown, similar to RAL 8019	✓	—
off-white textured finish 5233 ¹⁾	✓	—
stone grey metallic, 5215 ¹⁾	✓	—
anthracite metallic, 5204 ¹⁾	✓	—
Havana brown textured finish, 5229 ¹⁾	✓	—
Non-standard colour	—	✓

1) textured finish

Bespoke frame colours incur a surcharge – metallic, finely textured, pearl and matt finishes as well as other colour ranges (DB, Tiger etc.) on request. All frame colours are available at a surcharge with enhanced corrosion protection. Colours may differ slightly from those depicted in both hue and finish.

Power supply connection Hirschmann coupling plug



Optional accessories

For use with the infrared heater 2500 W



External RTS radio receiver with dimming function (3 stage) in 433 MHz technology without hand-held remote control
Order no. 8272227



RTS hand-held radio remote control in 433 MHz technology
Order no. 8272130 (1 channel)
or 8272131 (4 channel)

For use with the infrared heater 2500 W with 3 stage dimmer and integrated io radio-controlled receiver in 868 MHz technology



Hand-held radio remote control markilux io-1 designcontrol (1 channel) in 868 MHz technology
Order no. 8272087



Hand-held radio remote control markilux io-5 designcontrol (5 channel) in 868 MHz technology
Order no. 8272099

markilux floor-mounted infrared heater 1400 Watt



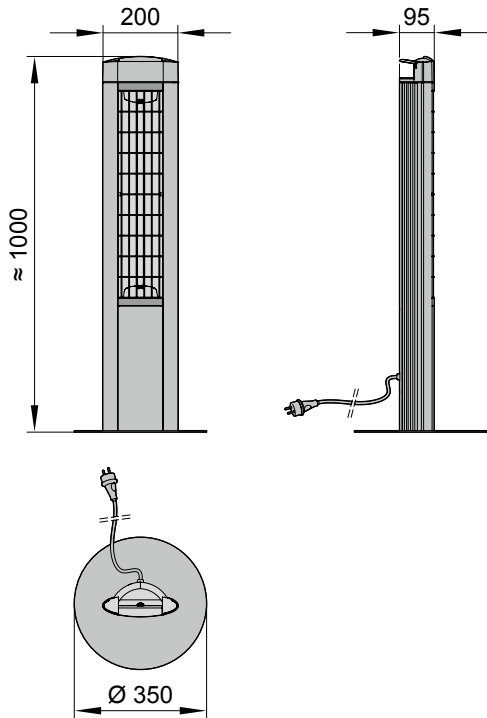
Infrared heater 1400 Watt
without radio-controlled operation

Order no. 77469

Frame colours	Standard Optional	
traffic white, RAL 9016	✓	—
metallic aluminium, RAL 9006	✓	—
grey brown, similar to RAL 8019	✓	—
off-white textured finish 5233 ¹⁾	✓	—
stone grey metallic 5215 ¹⁾	✓	—
anthracite metallic 5204 ¹⁾	✓	—
Havana brown textured finish 5229 ¹⁾	✓	—

1) textured finish

Overview of dimensions



dimensions in mm

Special features

- Soft start function with reduced initial current surge
- Operation via push-button control
- Acoustic operating signal
- Safety power-off if the device tilts
- IP24 protection class
- Infrared halogen lamp with „No Glare“ heating tube technology and pleasant colour temperature
- Stand-alone unit that can be moved and placed on an even surface
- For outdoor use

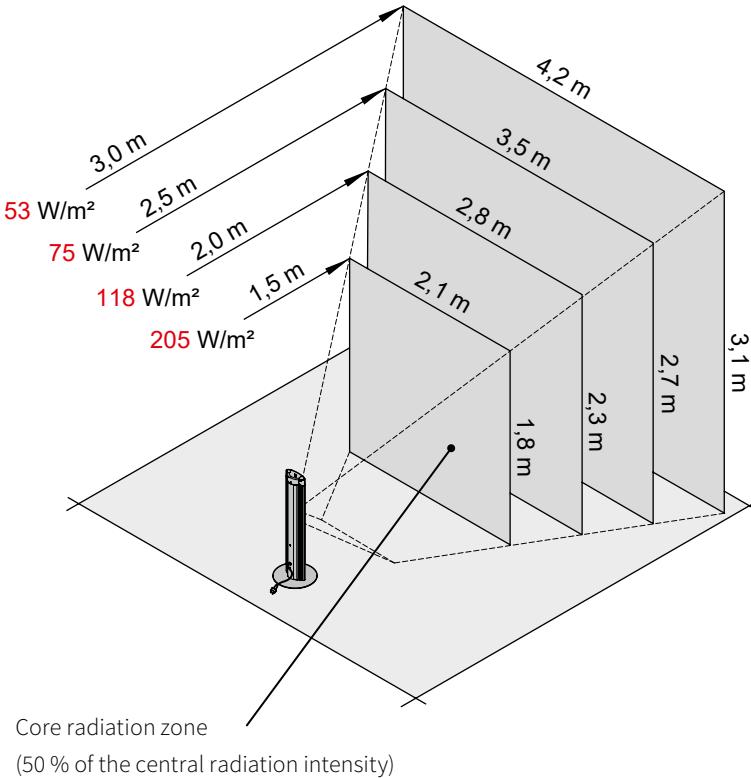
Standard configuration

- Heater including ≈ 2.4 m power supply cable with earthed, two-pin continental
- 230 V AC / 50 Hz power supply, 16 A

markilux heaters offer the benefit of cosy infrared warmth - making your stay outside a pleasant one. While producing a minimum of glare, they turn the energy used into a maximum of warmth.

The heaters are the perfect leisure time companion: on patio, balcony or in the garden. They are efficient, save energy and create a warm atmosphere at the touch of a button.

Maximum infrared radiation intensity

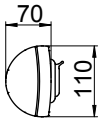


markilux LED Spotline



Always state the type of fixture required when ordering

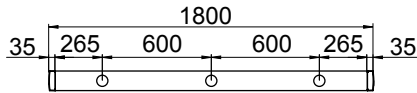
Overview of dimensions



3 LED Spots

2 brackets

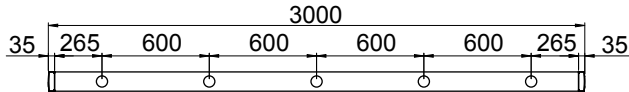
Order no. 71865. without radio receiver
71868. in io radio technology, 868 MHz



5 LED Spots

3 brackets

Order no. 71866. without radio receiver
71869. in io radio technology, 868 MHz



Technical specification of the LED Spots

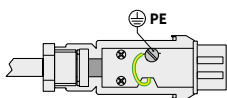
Power supply	230 V, 50 Hz
Power output (per LED-spot)	5 Watts
Wiring cross section	3 × 1.0 mm ²
Energy efficiency class	A
Light intensity range	0–100 %
Colour temperature	3200 Kelvin

Technical data of the hand-held remote control ¹⁾

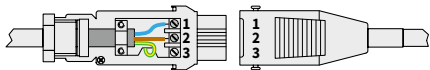
Transmission frequency	868 MHz
Battery	CR 2430, 3 Volt

1) Not compatible with Somfy remote controls

Power supply connection Hirschmann coupling plug



- 1** = neutral N (blue)
2 = live L (brown)
3 = not in use
PE = earth (green / yellow)



Special features

- With pivoting LED Spots in a powder-coated aluminium housing
- Simple, variable fixture to the wall or ceiling using T brackets or optionally via additional brackets to the awning, see “Fixtures and accessories for markilux infrared heaters, LED Spotline, spotline halogen and E-box”
- A radio receiver and a hand-held radio remote control markilux io (optional) provide convenient operation at the push of a button. The hand-held remote control can be used to dim the brightness
- LED lamp life approximately 20,000 hours

Optional accessories



Hand-held radio remote control markilux io-1 designcontrol (1 channel) in 868 MHz technology
Order no. 8272087



Hand-held radio remote control markilux io-5 designcontrol (5 channel) in 868 MHz technology
Order no. 8272099

Housing colours

	standard	optional
traffic white RAL 9016	✓	—
metallic aluminium RAL 9006	✓	—
grey brown· similar to RAL 8019	✓	—
off-white textured finish 5233 ¹⁾	✓	—
stone grey metallic, 5215 ¹⁾	✓	—
anthracite metallic, 5204 ¹⁾	✓	—
Havana brown textured finish, 5229 ¹⁾	✓	—
Non-standard colour	—	✓

1) textured finish

Bespoke frame colours incur a surcharge – metallic, finely textured, pearl and matt finishes as well as other colour ranges (DB, Tiger etc.) on request. All frame colours are available at a surcharge with enhanced corrosion protection. Colours may differ slightly from those depicted in both hue and finish.

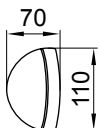
dimensions in mm

markilux E-box

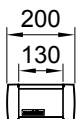


Always state the type of fixture required when ordering

Overview of dimensions

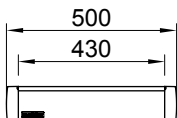


E-box K



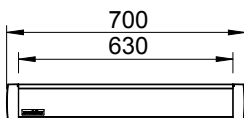
Order no. 71849.
1 bracket

E-box M



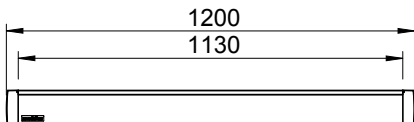
Order no. 71850.
2 brackets

E-box G



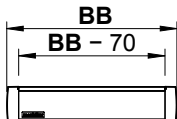
Order no. 71873.
2 brackets

E-box L



Order no. 71874.
2 brackets

E-box I



Order no. 71851.
up to 2010 mm 2 brackets
up to 2010 mm 3 brackets
up to 4010 mm 4 brackets
up to 6010 mm 5 brackets

BB = order width

Special features

Ensures safe and easy electrical installation.

Electrical equipment such as coupling plugs can be installed in a visually attractive way using the markilux E-box. Simple, variable fixture to the wall or soffit using T brackets or optionally via additional brackets to the awning, see "Fixtures and accessories for markilux infrared heaters, LED Spotline, spotline halogen and E-box".

The E-box is available in five models:

• E-box K

can accommodate a single Hirschmann coupling plug.
Width = 200 mm.

• E-box M

can accommodate a coupling plug with external receiver or for the installation of awnings with lighting and an additional connection for a shadeplus. Width = 500 mm

• E-box G

can accommodate coupling plugs and accessories for the markilux pergola, 779 / 779 tracfix and 879 / 879 tracfix. Width = 700 mm.

• E-box L

can accommodate coupling plugs and accessories for the markilux 779 / 779 tracfix. Width = 1200 mm.

• E-box I

in a bespoke width to order.

Housing colours

	standard	optional
traffic white RAL 9016	✓	—
metallic aluminium RAL 9006	✓	—
grey brown· similar to RAL 8019	✓	—
off-white textured finish 5233 ¹⁾	✓	—
stone grey metallic, 5215 ¹⁾	✓	—
anthracite metallic, 5204 ¹⁾	✓	—
Havana brown textured finish, 5229 ¹⁾	✓	—
Non-standard colour	—	✓

1) textured finish

Bespoke frame colours incur a surcharge – metallic, finely textured, pearl and matt finishes as well as other colour ranges (DB, Tiger etc.) on request. All frame colours are available at a surcharge with enhanced corrosion protection. Colours may differ slightly from those depicted in both hue and finish.

01

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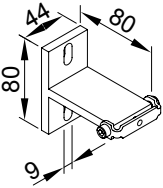
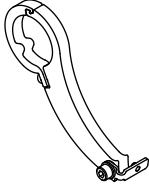
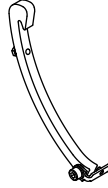
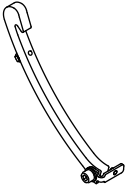
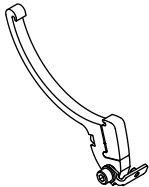

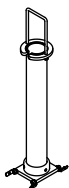
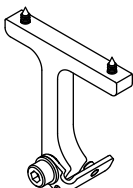
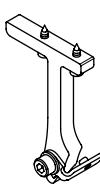
15

16

17

Fixtures, fittings and accessories

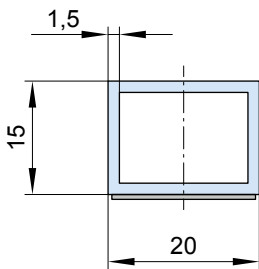
for the markilux infrared heater, LED Spotline, spotline halogen and E-box

 <p>T bracket for fixture to both wall and ceiling</p> <p>71284.</p>	 <p>torque bar fixture round Ø 50 mm</p> <p>markilux 1600 markilux 1650</p> <p>76972.</p>	 <p>cassette bracket</p> <p>markilux 5010</p> <p>76974.</p>
 <p>cassette bracket</p> <p>markilux 6000</p> <p>76975.</p>	 <p>cassette bracket</p> <p>markilux pergola</p> <p>76973.</p>	 <p>cross-beam bracket for 1 infrared heater, LED Spotline, spotline halogen</p> <p>markilux syncra</p> <p>72083.</p>
 <p>cross-beam bracket for 2 infrared heaters, LED Spotline, spotline halogen</p> <p>markilux syncra</p> <p>72084.</p>	 <p>cassette bracket</p> <p>markilux 970</p> <p>71592.</p>	 <p>cassette bracket</p> <p>markilux MX-3</p> <p>75802.</p>

Caution
A valance or fabric cover may never be positioned in front of an infrared heater. Fire hazard!

Cable conduit

Cable conduit as rectangular tube for widespread application



Aluminium profile, powder coated
Available in traffic grey RAL 7043 or traffic white RAL 9016

Maximum length 6000 mm

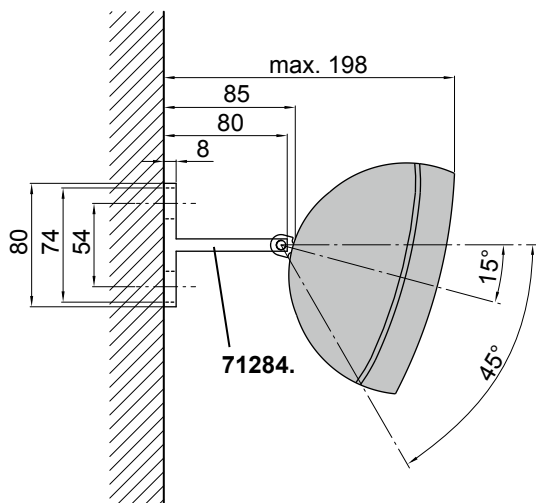
Order no. 71415

dimensions in mm

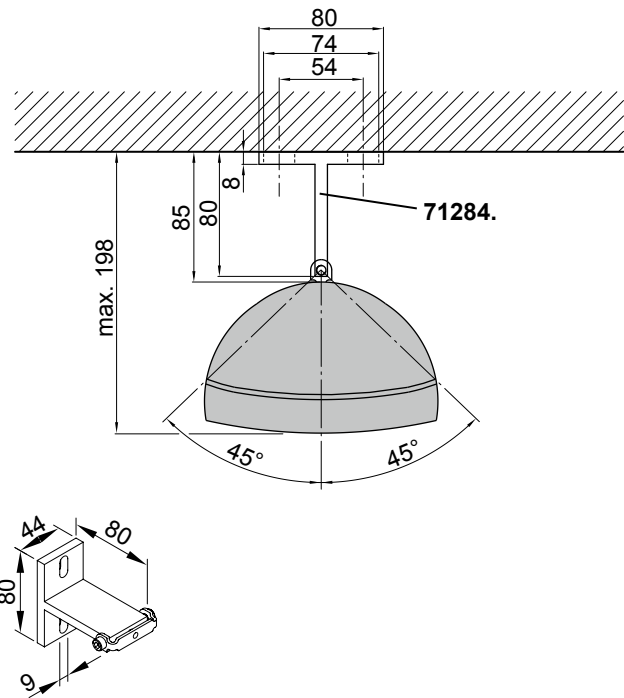
Fixture types

using the markilux infrared heater by way of example

Face fixture



Top fixture

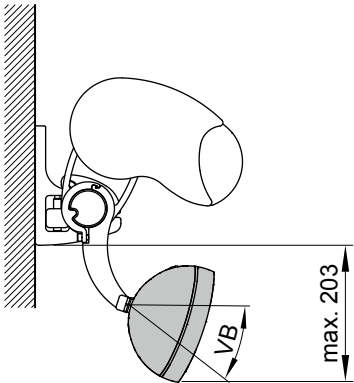


VB = adjustment range

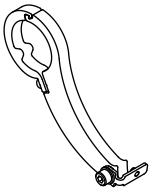
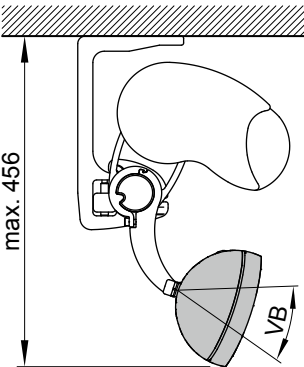
dimensions in mm

Fixture underneath markilux folding-arm awnings

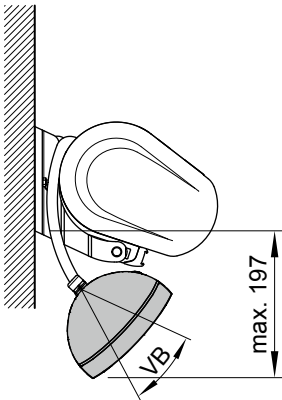
markilux 1600 / 1650 Face fixture



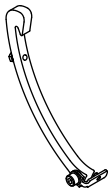
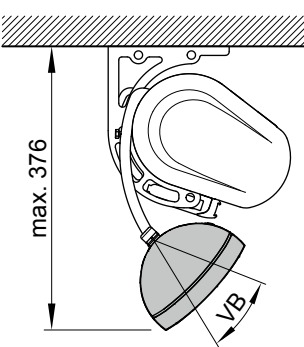
Top fixture



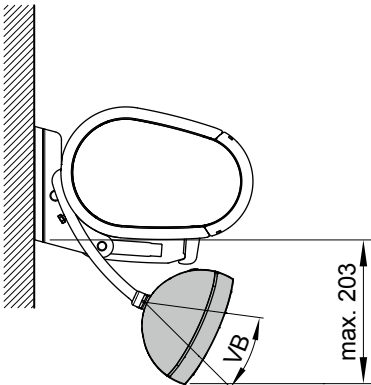
markilux 5010 Face fixture



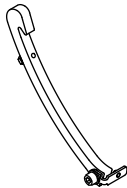
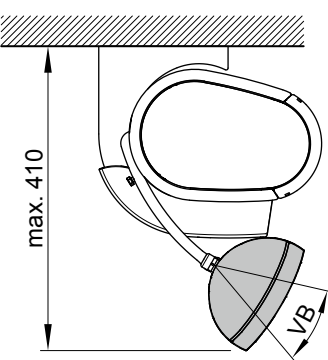
Top fixture



markilux 6000 Face fixture



Top fixture



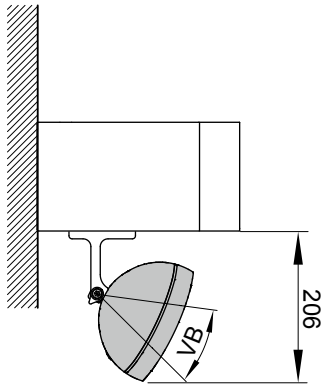
VB = adjustment range

dimensions in mm

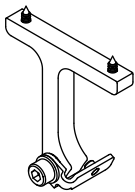
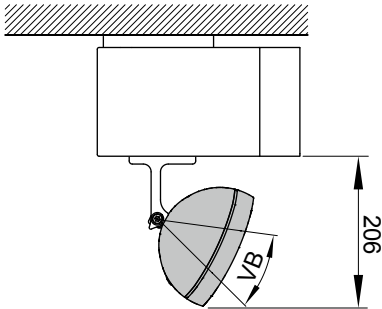
Fixture underneath markilux folding-arm awnings

markilux 970

Face fixture

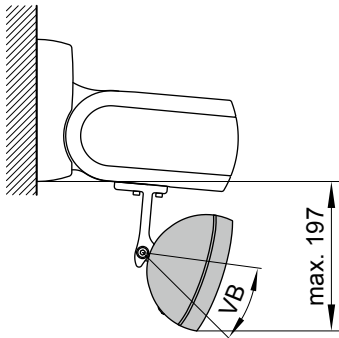


Top fixture

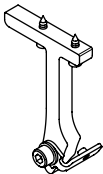
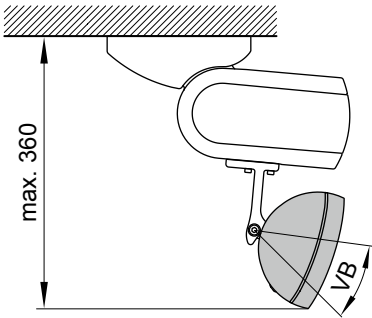


markilux MX-3

Face fixture



Top fixture

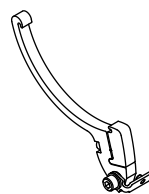
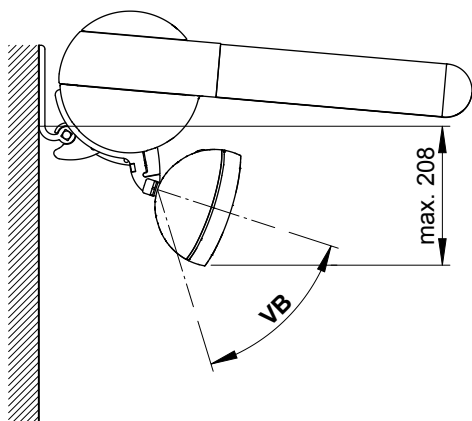


VB = adjustment range

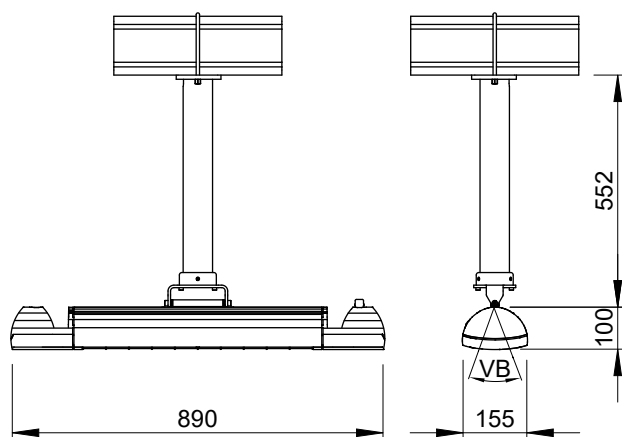
dimensions in mm

Fixture underneath markilux awning systems

Face fixture markilux pergola



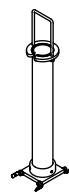
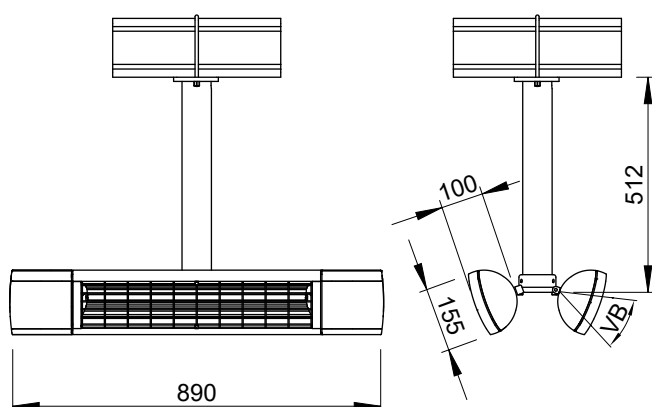
markilux syncra – 1 infrared heater



N.B! The brackets for the markilux LED spotline and spotline halogen vary in number:

- 2 brackets for 3 spots
- 3 brackets for 5 spots

markilux syncra – 2 infrared heaters



N.B! The brackets for the markilux LED spotline and spotline halogen vary in number:

- 2 brackets for 3 spots
- 3 brackets for 5 spots

VB = adjustment range

dimensions in mm

markilux silentec

Innovative and quiet



Add even more comfort to the markilux MX-1 / MX-1 compact, 6000, 5010 and 3300 pur. Thanks to the installation of the special motor with acoustic insulation, the noise produced by the awning's motor is much less than that of a standard, hard-wired or radio control motor. The markilux silentec motor can also be operated via radio control (optional) with an additional external radio receiver RTS plug (order no. 8272148). The Universal Slim Receiver RTS Plug with bare wires protruding should be used for the markilux MX-1 / MX-1 compact (Order no. 8272146).

Only single awnings with two folding arms (please refer to the matrix for the appropriate awning model) can be fitted with this motor technology.

For other specification limitations and possibilities such as "Dimensions and configuration options" please consult the section pertaining to the appropriate markilux model.

The markilux silentec motor cannot be retro-fitted to existing awnings.

io Radio Controls, 868 MHz

Radio remote controls and radio receivers



Programming instructions for equipment using io radio control technology 868 MHz

These can be downloaded from the specialist dealer area in digital format under the document type “What to do if ...?” at markilux.com.

Order no. 7061511



Hand-held radio remote control – markilux io-1 designcontrol (1 channel)

The beautifully designed 1 channel hand-held radio transmitter io-1 designcontrol for convenient operation of an awning, an infrared heater or lighting in 868 MHz radio technology. Features an additional “save” function to program your favourite position or setting.

Order no. 8272087



Hand-held radio remote control – markilux io-5 designcontrol (5 channel)

Universal hand-held radio transmitter with integrated Auto/Manu function for all channels. Lighting and heating radio receivers with dimming function can be conveniently controlled using the scroll wheel. Features an additional “save” function to program your favourite position or setting.

Order no. 8272099



Radio remote control wall switch – Smoove io Pure Shine (1 channel)

The touch-sensitive radio remote control wall switch Smoove io Pure Shine (1 channel) for the purely manual control of an awning. Equipped with an additional “my” function to save your favourite awning position.

Order no. 8272189



Radio remote control wall switch – Smoove A/M io Pure Shine (1 channel)

The touch-sensitive remote control wall switch Smoove A/M io Pure Shine (1 channel) for plain and simple awning operation. Equipped with an additional “my” function to save your favourite awning position. The sliding switch makes it easy to remove an awning from a central control system (group) and manually operate it using the up, down and stop buttons.

Order no. 8272190

io Radio Controls, 868 MHz



Radio remote control wall switch Smoove Uno A/M io Pure Shine (1 channel)

The touch-sensitive radio remote control wall switch Smoove Uno A/M io Pure Shine (1 channel) for plain and simple control of an awning with hard-wired motor. This control unit is intended for retrofitting to hard-wired motors. Equipped with an additional “my” function to save your favourite awning position. The sliding switch makes it easy to remove an awning from the central control system (group) and manually operate it using the up, down and stop buttons.

Order no. 8271178

Radio remote controls and radio receivers



Awning radio receiver – Slim Plug io

With this radio receiver, hard-wired motors can be controlled using io radio technology (can also be used in bi-directional control systems such as the Connexoon or TaHoma.)

Order no. 8271254



Radio lighting receiver – Lighting Receiver Variation io

Enables lighting to be switched on and off and dimmed. It can also be used in conjunction with bi-directional control systems such as the Connexoon or TaHoma, which will indicate the brightness level in symbol form on the display.

Order no. 8272242



External radio receiver – Plug Receiver io, as an in-line socket connection

External radio receiver Plug Receiver io conveniently enables lamps, radios, TVs and other domestic appliances to be switched on and off (not suitable for awning motors)

Order no. 8272195 white

io Radio Controls, 868 MHz

Control box – Somfy io Connexoon Terrace, for controlling io products by App



Offers control of Somfy products and awnings in io technology for a predetermined domain (specified in the appropriate App) using a secure means of access via smartphone or tablet (iOS, Android), including a mobile.

- a maximum of 40 receivers can be controlled
- can be connected to io wind and light sensors
- weather data can be retrieved
- a music player can be integrated
- io-controlled patio lighting can be switched on/off and dimmed
- a maximum of 4 patio scenarios can be programmed using the photo snapshot function
- program products with ease using the programming button, similar to the RTS radio technology from Somfy
- compatible with Philips HUE lighting systems



Somfy control box – io Connexoon Smart Home, for the patio

Order no. 8272277, white

Accessories for the Connexoon Terrace



markilux Vibrabox – Eolis 3D WireFree io

The markilux Vibrabox Eolis 3D WireFree io sensor for dynamic wind loads is sensitive to vibration. This wireless safety feature can be installed on the inside or outside of the front profile (depending on the awning model). The wind threshold value can be adjusted directly on the sensor. Battery powered, so no power supply cable is required.

Order no. 8272239 traffic white (RAL 9016)

Order no. 8272238 traffic grey (RAL 7043)



Radio light sensor – Sunis WireFree II io

Battery operated radio light sensor for awnings with io radio-controlled motor for variable fixture to the façade without unsightly cabling. The Sunis WireFree II io is used with uni-directional io radio remote controls or bi-directional io radio remote controls with status response, such as the TaHoma and Connexoon Terrace io.

Order no. 8272086

io Radio Controls, 868 MHz

io radio control sensors



Radio light sensor – Sunis WireFree II io

Battery operated radio light sensor for awnings with io radio-controlled motor for variable fixture to the façade without unsightly cabling. The Sunis WireFree II io is used with uni-directional io radio remote controls without status response, such as the wall sensor Smoove A/M io or the hand-held remote control markilux io-5 designcontrol, or for bi-directional io radio remote controls with status response, such as the TaHoma and Connexoon Terrace io.

Order no. 8272086



Radio wind sensor – Eolis WireFree io

The battery operated radio wind sensor Eolis WireFree io can be directly mounted on the façade without unsightly cabling. The wind threshold value can be set directly on the sensor.

Order no. 8272193, white



markilux Vibrabox – Eolis 3D WireFree io

The markilux Vibrabox Eolis 3D WireFree io sensor for dynamic wind loads is sensitive to vibration. This wireless safety feature can be installed on the inside or outside of the front profile (depending on the awning model). The wind threshold value can be adjusted directly on the sensor. Battery powered, so no power supply cable is required.

Order no. 8272239 traffic white (RAL 9016)

Order no. 8272238 traffic grey (RAL 7043)



Radio control wind sensor Eolis io 230 V with connection for a rain sensor

Contingent on the ambient wind conditions, a blind or awning will be retracted automatically. The wind force threshold is simply preset on the device. In combination with a suitable rain sensor, (order no. 8272065) the blind or awning will also be retracted if it starts to rain. The Eolis io 230 V uses radio waves to send signals to the motor. Therefore no cabling is required between the sensor and the motor.

Order no. 8272328



Rain sensor – Ondeis 230 V AC. To be used in combination with wireless light and wind sensors with a connection for a rain sensor

- fast and precise sensor reaction as a result of more accurate measurement of precipitation
- integrated, self-regulating heater function
- quick and problem-free installation
- simple installation, delivery includes sensor and power supply cable (power cables are white, 2 strand and UV resistant)

Order no. 8272065

RTS Radio Controls, 433 MHz

Radio remote controls and radio receivers



Programming instructions for equipment using RTS radio technology 433 MHz

These can be downloaded from the specialist dealer area in digital format under the document type “What to do if ...?” at markilux.com.

Order no. 7061444



markilux RTS hand-held radio remote control (1 channel)

The markilux hand-held radio remote control (1 channel) allows you to operate your awning comfortably at the touch of a button. The awning can be controlled using the up/down and stop buttons. The attractive shape and ergonomic design characterise this elegant and easily operated hand-held remote control.

Order no. 8272130



markilux RTS hand-held radio remote control (4 channel)

At the touch of a button, this markilux radio remote control (4 channel) not only allows you to control the awning itself but also the light and wind sensor and the dimmer function on awnings with lighting. One or more awnings can be controlled using the up/down and stop buttons. Individual channels or all channels at the same time can be addressed using the channel selection button.

Order no. 8272131



Radio remote control wall switch – Smoove Pure Shine RTS (1 channel)

The touch-sensitive remote control wall switch Smoove Pure Shine (1 channel) offers simple control of the awning. Equipped with an additional “my” function to save your favourite awning position. Push button operation, including frame.

Order no. 8272235



External radio receiver – Universal Slim Receiver RTS Plug, with in-line (Hirschmann) plug connections

The easy way to automate an awning with a hard-wired motor or provide an automatic radio-controlled option (light, wind, rain sensor) at a later date. Quick and easy installation between the motor and the power supply cable (via Hirschmann coupling plug connections). The following is then possible:

- individual operation, i.e. a single radio remote control operates a single radio receiver
- group operation, i.e. a single radio remote control operates more than one radio receiver
- multiple operation, i.e. more than one radio remote control operate a single radio receiver

Order no. 8272148

RTS Radio Controls, 433 MHz

Radio remote controls and radio receivers



External radio receiver – Heating Mod/Var Receiver RTS for 2500 W infrared heaters

The dimmable, external radio receiver for 2500 Watt infrared heaters.

The power to the connected infrared heater can be dimmed in 3 stages:

33 %, 66 % and 100 %.

Order no. 8272227



External radio receiver – Centralis Indoor RTS, for awnings with lighting

The external lighting receiver for interior installation in a flush-fitted wiring box, with a diameter of 60 mm, without dimmer function.

Order number 8272102

RTS Radio Technology Somfy



Radio control light and wind sensor – Soliris Sensor RTS, for radio-controlled motors

Depending on the prevailing conditions with regard to the wind and sun, a markilux awning will be automatically extended or retracted. The wind speed and lux values required to trigger this are set directly on the sensor. The Soliris Sensor RTS transmits the signals by radio wave. This does away with all the wiring to the central control unit and the motor drive. The automatic light sensor function can be manually activated or deactivated via radio remote control.

Order number 8272089



Radio control light and wind sensor – Soliris Sensor RTS, with connection for a rain sensor

Depending on the prevailing conditions with regard to the wind and sun, a markilux awning will be automatically extended or retracted. The wind speed and lux sensor values required to trigger this are set directly on the central control unit. In combination with a suitable rain sensor (order no. 8272065), the awning will retract if it starts to rain. The Soliris Sensor RTS transmits the signals by radio wave. This does away with all the wiring to the central control unit and the motor drive. The automatic light sensor function can be manually activated or deactivated via radio remote control.

Order number 8272127

RTS Radio Controls, 433 MHz

RTS Radio Technology Somfy



Rain sensor – Ondeis 230 V AC

To be used in combination with wireless light and wind sensors with a connection for a rain sensor

Order no. 8272127

- fast and precise sensor reaction as a result of more accurate measurement of precipitation
- integrated, self-regulating heater function
- quick and problem-free installation
- simple installation, delivery includes sensor and power supply cable
(power cables are white, 2 strand and UV resistant)

Order no. 8272065



Wireless wind sensor – Eolis Sensor RTS

Keeps a constant eye on the wind speed: as soon as the individually pre-set threshold value is exceeded, the sensor retracts the awning. Radio-controlled operation makes wiring to the operating location and the motor drive unnecessary. Only a 230 V power supply cable is required.

Order number 8272090



Radio light sensor – Sunis WireFree RTS

Solar cell-powered light sensor – which can be fitted anywhere on the façade. Intended for awnings with 433 MHz RTS radio-controlled motors, it does not need to be wired into the mains. Built-in solar cells supply the unit with power. Up to three light sensors can be linked to any one radio-controlled motor. But one Sunis light sensor can also operate a number of radio-controlled motors.

Order no. 8272141



markilux Vibrabox RTS

The markilux Vibrabox sensor for dynamic wind loads is sensitive to vibration and protects your awning against damage that could be caused by high winds. This wireless safety accessory can be installed on the inside or outside of the front profile (depending on the awning model). Vibration in the front profile, caused by wind, is identified by the sensor which passes a signal to the drive unit, causing the awning to retract. Different levels of sensitivity can be set. Battery powered so no power supply cable is required.

Order no. 8272140 anthracite

Order no. 8272144 white

Automatic Controls, Switches and Accessories for Hard-wired Motors

Miscellaneous electrical accessories



Somfy universal motor programming and limit setting switch

For programming and setting the limit positions of 230 V motors, for radio-controlled or hard-wired WT motors and also for Becker and Elero motors

Order no. 8271084



Protective box for a (Hirschmann) coupling plug

Protective box to safely tidy away the coupling plug near the awning

Dimensions approx. 45 mm × 35 mm × 175 mm (width × height × length)

Order no. 8271044 white

Order no. 8271043 black

Order no. 8271045 light grey



Dehn voltage surge protector – Cord R 3P 275

Voltage surge protection for solar protection systems according to DIN VDE 0100-443 and 543 with in-line (Hirschmann) plug connections.

In October 2016 it became legally binding in Germany to take measures with regard to the prevention of voltage surges in residential buildings (please check the regulations in your country or region). The supply and control cabling of your awning must therefore be wired through a Dehn surge protection unit before it joins the interior wiring circuits, in order to prevent damage as a result of eventual voltage surges.

Maximum amperage 10 A (max. ~2300 W)

Order no. 8271252

Motor control equipment



Control mechanism for individual motors – Centralis Uno IB, (small group control mechanism)

Can be used to control a group of awnings when simultaneous extension and retraction of several awnings is required. A motor control device Centralis Uno IB is required for every drive unit that is to be controlled. The sliding switch makes it simple to remove an awning from the central control system (group). 2 intermediate positions can be programmed. Warning signals are displayed by LED (e.g. awning retracted because the wind speed is too high). Supplied without a surface fixture box.

Order no. 8272085



Cut-off relay TR4-AP-230

Enables safe parallel switching of up to 4 awnings. If several awnings are connected in parallel without a cut-off relay, reverse current flow can occur when the awnings are being extended and retracted, which may lead to malfunction and damage to the motors.

Surface fixture, for the simultaneous control of up to 4 motor drives with mechanical or electronic limit switching.

Order no. 8272187

Automatic Controls, Switches and Accessories for Hard-wired Motors

Sensors



Light and wind sensor – Soliris Uno

Depending on the prevailing conditions with regard to the wind and sun, a markilux awning will be automatically extended or retracted. The wind speed and lux values required to trigger this are set directly on the sensor. There is a sliding switch which makes it easy to deactivate the sun sensor. The awning can then be controlled manually. Supplied without a surface fixture box.

Order no. 8272081



Light and wind sensor – Soliris IB

Depending on the prevailing conditions with regard to the wind and sun, a markilux awning will be automatically extended or retracted. The wind speed and lux values required to trigger this are set directly on the sensor. There is a sliding switch which makes it easy to deactivate the sun sensor. The Soliris IB is designed to work with a group control unit (each drive unit requires an additional motor control mechanism, Centralis Uno IB), whereby each individual control mechanism is connected to a bus system (installation bus system). Supplied without a surface fixture box.

Order no. 8272082



Rain sensor – Ondeis 230 V AC

To be used in combination with wireless light and wind sensors with a connection for a rain sensor

- fast and precise sensor reaction as a result of more accurate measurement of precipitation
- integrated, self-regulating heater function
- quick and problem-free installation
- simple installation, includes sensor and power supply cable (power cables are white, 2 strand and UV resistant)

The rain sensor should be connected to a pre-installed light / wind sensor Soliris Uno or Soliris IB.

Order no. 8272065