markilux® 8000
The Conservatory Awning with the Proven Design
The markilux® 8000 Conservatory Awning

- the drive belt has extremely high tensile strength
- up to 3 units can be coupled together
  - 2 fields – 1 motor
  - 2 fields – 2 motors *
  - 3 fields – 2 motors *
* can be controlled separately
only one track is required at the coupling point
the cassette is in one piece for units up to 700 cm.
- the markilux® 8000 is supplied as standard with motor drive
- the cover is kept under perfect tension by means of two independently working gas pistons

The markilux® 8000 is available with Perfortex or transolair material, specially developed for conservatory awnings (v. photos on pp. 8000-10 and 8000-11), acrylic awning fabrics or Soltis 92

The retracted cover is completely protected in the cassette

Standard track fixture is very straightforward (with the tracks mounted parallel to each other on the conservatory frame)

Fixture using laterally movable track bracket (necessary if the tracks cannot be fitted parallel to the conservatory frame)
A question of expertise and experience

- robust, self-supporting housing made of extruded aluminium
- cassette brackets can be positioned at will up to 35 cm. from the ends of the cassette
- track brackets can be placed up to 100 cm. from the lower end of the track
- a maximum of 700 cm. of material will fit inside the cassette
- covers at either end of the cassette simplify maintenance
- roller can be removed upwards from the cassette
- the cassette bracket can be rotated to simplify fixture
- unit is pre-assembled, facilitating fixture considerably
- the motor has electronic limit switching and a torque cut-out mechanism so it switches itself off automatically if the awning encounters an obstruction
- an extra seam (doublestitched) every 60 cm. (acrylic, Perforotex or sunsilk), 82 cm (transolair) or 88,5 cm (Soltis 92) increases the stability of the cover
- the belt rollers run on Teflon-coated bushes
- to minimise the droop in profile and cover the extremely sturdy front profile is made of extruded aluminium

Coupled units with single track in the middle

The self-supporting cassette housing

The electronically switched motor is secreted inside the roller

The cassette looks elegant from every angle

Face fixture bracket with adjustable fixing point and wall sealing profile
Beauty born of simplicity and ingenuity

The retracted cover is protected from dust, dirt and extraneous matter by the **brush seals**

- larger awnings (v. p. 8000-7) are fitted with a cover support tube

The droop in the cover, due to its inherent weight, will increase when the cover is wet. Larger awnings are consequently fitted with a cover support tube to help counteract this phenomenon. If any awning is to be installed with very little pitch, we recommend a cover support tube be fitted regardless of the projection.

We reserve the right to make alterations without giving prior notice.
The markilux® 8000
Conservatory Awning
with Curved Front

Curved front unit which covers conservatory suntrap

Detail of the curved track section and the redirection of the cover with - as shown here - a maximum of 3 relieving rollers

- up to 30°: 1 relieving roller
- from 31° to 60°: 2 relieving rollers
- from 61° to 85°: 3 relieving rollers

Flat to vertical shading
Perfotex

the special conservatory awning fabric

● made from a brand name in spundyed acrylic thread, ensuring the highest grades of light and weather fastness
● impregnated with a dirt-inhibiting Teflon coat
● thanks to a special weaving technique the material can still breathe, is translucent and allows water through
● this prevents the formation of puddles, which can affect the performance of both cover and awning
● markilux® 880 - panel widths 120 cm.
markilux® 8000 - panel widths 60 cm.
(the extra seams increase the stability of the cover)
● the range of colours has been chosen very carefully

The pictures are actual size; scale 1:1

If you decide to use standard acrylic material, you must bear in mind that the unit is likely to be susceptible to the effects of wind and shall therefore produce undesirable noises.
If standard acrylic material is nevertheless to be used on the markilux® 8000, it is recommended that eyelets - to allow water to escape from on top of the cover - be inserted into the material approximately 10 cm behind the front profile in the middle of every panel. Please put a cross in the appropriate box on the order form.
Because the cover of the markilux® 8000 is always made from material 60 cm in width, i.e. reduced from 120 cm widths of fabric, there is always a pattern mismatch every second seam in the case of striped fabrics.

For the conservatory awning markilux® 8000 (only flat units), the markilux® 880 and for all window shades we now offer covers made from SOLTIS 92 (the price and delay of SOLTIS 86 will be given on request for window shades only).

This product has proved itself without reservation for the given applications and offers a number of distinct advantages.

Window shades with a drop of more than 170 cm. have a horizontal seam. Conservatory shades have the more customary vertical seams, which run in the direction of the awning’s extension. These seams appear as dark lines when a light source is behind the cover.

For further information and for the available colour range, please refer to the technical specification of the manufacturer.

SOLTIS

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For further information and for the available colour range, please refer to the technical specification of the manufacturer.
Especially created by Schmitz-Werke for use on conservatory awnings and vertical blinds and awnings

- made from a brand name of spundyed acrylic yarns
- achieves the highest standards in UV stability and weather fastness
- the teflon finish inhibits the adhesion of dirt
- uses a special perforation technique to allow sufficient transparency and light, air and wind through
- reduces the formation of water troughs, which can have an adverse effect on the cover and conservatory

- in the case of the markilux® 8000 a special, stabilising cover manufacture technique is used (seams approximately every 82 cm.)

- in the case of the markilux® 880 in panels approx. 120 cm wide and seamless in the following sizes:
  1) up to a fixture width of 259 cm. and an extension of 400 cm. (panel down the awning)
  2) up to a fixture width of 335 cm. and an extension of 237 cm. (panel across the awning)
The Conservatory Awning markilux® 8000

### Dimensions

| Single unit 1 field 1 motor | Approx. extension time in sec. |  
|-----------------------------|-----------------------------|---
| Fixture/order width in cm.  | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | Standard motor |
| Overall width               | 178 | 208 | 238 | 268 | 308 | 358 | 408 | 458 | 508 | 558 | 608 | 658 | single |
| Extension 150 cm.           | 17  | 22  | 37  | 51  | 55  | 59  | 64  | 68  | 64  | 68  | 70  | 72  | 75  |
| Extension 200 cm.           | 28  | 33  | 42  | 51  | 55  | 59  | 64  | 68  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 250 cm.           | 33  | 42  | 51  | 55  | 59  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 300 cm.           | 42  | 51  | 55  | 59  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 350 cm.           | 51  | 55  | 59  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 400 cm.           | 55  | 59  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 450 cm.           | 59  | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 500 cm.           | 64  | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 550 cm.           | 68  | 70  | 72  | 75  | 17 r.p.m. |
| Extension 600 cm.           | 70  | 72  | 75  | 17 r.p.m. |
| Extension 650 cm.           | 72  | 75  | 17 r.p.m. |
| Extension 700 cm.           | 75  | 17 r.p.m. |

### The smallest possible fixture widths (in mm.)

<table>
<thead>
<tr>
<th>Extension</th>
<th>SOLTIS 92</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1500</td>
<td>740</td>
</tr>
<tr>
<td>0-3000</td>
<td>790</td>
</tr>
<tr>
<td>0-5500</td>
<td>1120</td>
</tr>
<tr>
<td>0-7000</td>
<td>1220</td>
</tr>
<tr>
<td>0-4000</td>
<td>1220</td>
</tr>
<tr>
<td>4010-7000</td>
<td>1490</td>
</tr>
</tbody>
</table>

### Motor drive

- with electronic torque reduction when being retracted

- Motor for single units: 782681
- Motor for coupled units: 782681
- Radio-controlled motor for single unit: 783631
- Radio-controlled motor for coupled unit: 783641
- External radio receiver for standard motors: 783681

### Possible dimensional variations: (in mm.)

<table>
<thead>
<tr>
<th>Overall width of the awning</th>
<th>Standard widths</th>
<th>Intermediate widths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolerances in the width</td>
<td>+ 0 / - 20</td>
<td>+ 0 / - 20</td>
</tr>
<tr>
<td>Tolerances in the extension</td>
<td>+ 40 / - 40</td>
<td>+ 40 / - 40</td>
</tr>
</tbody>
</table>

### Awning cover sizes: (in mm.)

<table>
<thead>
<tr>
<th>Motor</th>
<th>Standard widths</th>
<th>Intermediate widths</th>
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</thead>
<tbody>
<tr>
<td>Cover width = (deduct from awning width)</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>Cover length = (add to awning extension)</td>
<td>v. table</td>
<td>v. table</td>
</tr>
</tbody>
</table>

### Awning cover tolerances: (in mm.)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Tolerances</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2000</td>
<td>+ 5 / - 5</td>
</tr>
<tr>
<td>2010</td>
<td>4000</td>
<td>+ 8 / - 8</td>
</tr>
<tr>
<td>4010</td>
<td>6000</td>
<td>+ 12 / - 12</td>
</tr>
<tr>
<td>6010</td>
<td>7000</td>
<td>+ 15 / - 15</td>
</tr>
</tbody>
</table>

### N.B.

- Measure up carefully! We will not take awnings back because of incorrect size. Awnings are made to measure.
- Do not ask about other powder-coated colours in RAL. Availability and lead times on request.
- The motor drives used in single and multiple field awnings run at different r.p.m. Be sure to consult the special notes contained in the general information/markilux® fabric collections.
- We reserve the right to alter our products without giving prior notice.

The order width should be the fixture width of the awning on the conservatory. The overall width of the awning is 80 mm greater than the fixture width (40 mm on each side). The extension of the awning is measured from the back of the cassette to the leading edge of the front profile (the guide tracks protrude a further 70 mm past the front profile). If coupled awnings or blinds are to be fitted into a recess or reveal the overall width of the coupled awning must be 6 cm less than the width of the opening to allow the awnings to be coupled together.

- In the case of coupled units with differing unit sizes it is not possible to guarantee that the covers will wind onto the rollers in a similar fashion.
- Visual anomalies may be apparent which do not affect the functionality of the awning.
- The radio-controlled motor does not have the torque cut-off function of the standard motor. If this is required in conjunction with the radio-controlled operation than an external receiver should be used with a standard motor.

### Available Accessories

- Motor drive
- Wall sealing profile (up to a pitch of 25°)
- Frame powder coated as standard in colour *
- Perfotex fabric (panels 60 cm wide)
- Swela transolair (panels 82 cm wide)
- Soltis 92 (panels 88.5 cm wide)
- Cover made of a brand name of acrylic material or sunsilk (panels 60 cm wide)

- No oversized material

Not available: manual operation, PVC fabrics (ERA, Mehler etc.), screen fabrics

* white RAL 9016, brown RAL 8019

Do ask about other powder-coated colours in RAL.
# The markilux® 8000 Conservatory Awning

## Single unit 2 fields 1 motor (for the maximum field size viz. single units)

| Fixture/order width/cm | 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 | Overall width | 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 | Extension 150 cm. | 26 | Extension 200 cm. | 33 | Extension 250 cm. | 41 | Extension 300 cm. | 48 | Extension 350 cm. | 56 |
|------------------------|-------------------------------------------------|----------------|-------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Approx. extension time in sec. | 1) Standard motor | for single unit | 11 rpm ² |

## Coupled unit 2 fields 2 motors (for the maximum field size viz. single units)

| Fixture/order width/cm | 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 | Overall width | 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 | Extension 150 cm. | 26 | Extension 200 cm. | 33 | Extension 250 cm. | 41 | Extension 300 cm. | 48 |
|------------------------|-------------------------------------------------|----------------|-------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Approx. extension time in sec. | 1) Standard motor | for coupled unit | 11 rpm ² |

## Coupled unit 3 fields 2 motors (motors can be operated separately) (for the maximum field size viz. single units)

| Fixture/order width/cm | 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 | Overall width | 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 | Extension 150 cm. | 26 | Extension 200 cm. | 33 | Extension 250 cm. | 41 | Extension 300 cm. | 48 |
|------------------------|-------------------------------------------------|----------------|-------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Approx. extension time in sec. | 1) Standard motor | for coupled unit | 11 rpm ² |

1) N.B. Motor stops automatically after 3 – 4 minutes use to prevent overheating.
2) Nominal RPM (In the case of contract awnings the same speed of rotation of the motors cannot be guaranteed). This should be taken into consideration in particular where more than two motors are concerned.

An additionally track support is required from an extension of 401 cm.

The cassette requires additional support in the middle from a field width 451 cm.

**N.B.**

- • = 1 cover support tube
- •• = 2 cover support tubes

Whether a cover support tube is required in the case of coupled awnings depends on the individual field size. This table has assumed equal field sizes. If a coupled unit of unequal field size is ordered, for which a cover support tube is required on the larger awning, then – if only for aesthetic reasons – one should also be fitted to the smaller awning.

The cassette of coupled awnings up to 700 cm. wide shall be supplied in one piece. If for reasons of transportation or fixture you require the cassette to be split please make a clear note of this on the order form.
# The markilux® 8000 Conservatory Awning

## Fixtures and accessories

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Order No.</th>
<th>Part</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>face fixture</td>
<td>78117.</td>
<td></td>
<td>track bracket assembly with swivel head 100 mm.</td>
<td>78081.</td>
</tr>
<tr>
<td></td>
<td>bracket assembly lefthand</td>
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<td>track bracket assembly with swivel head 140 mm.</td>
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<tr>
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<td>face fixture</td>
<td>78118.</td>
<td></td>
<td>track bracket assembly with swivel head 100-500 mm.</td>
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<td>bracket assembly righthand</td>
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<td>track bracket assembly with swivel head and foot 200-500 mm.</td>
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<td>face fixture</td>
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<td></td>
<td>coupling track bracket assembly with swivel head 100 mm.</td>
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<td>cassette coupling bracket assembly</td>
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<td></td>
<td>coupling track bracket assembly with swivel head 140 mm</td>
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<td>bottom fixture</td>
<td>78121.</td>
<td></td>
<td>coupling track bracket assembly with swivel head 100-500 mm.</td>
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<td>bracket assembly lefthand</td>
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<td>coupling track bracket assembly with swivel head and foot 200-500 mm.</td>
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<tr>
<td></td>
<td>bottom fixture</td>
<td>78122.</td>
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<td>double track bracket assembly with swivel head 100 mm.</td>
<td>78094.</td>
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<td>bracket assembly righthand</td>
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<td></td>
<td>bottom fixture</td>
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<tr>
<td></td>
<td>cassette coupling bracket assembly</td>
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<td></td>
<td>raised cassette</td>
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<td>bracket assembly lefthand</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>raised cassette</td>
<td>78126.</td>
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<td></td>
<td>bracket assembly righthand</td>
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<tr>
<td></td>
<td>raised cassette</td>
<td>78332.</td>
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<tr>
<td></td>
<td>bracket assembly for coupling point</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

. = insert RAL colour code no.

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The markilux® 8000 Conservatory Awning
Fixtures and accessories

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Order No.</th>
<th>Part</th>
<th>Description</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="double-track-bracket.png" alt="Image" /></td>
<td>double track bracket assembly with swivel head 100-500 mm.</td>
<td>78095.</td>
<td><img src="universal-track-bracket.png" alt="Image" /></td>
<td>universal track bracket assembly 100 mm.</td>
<td>78247.</td>
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<td>coupling track bracket assembly with swivel head and foot 200-500 mm.</td>
<td>78096.</td>
<td><img src="universal-track-bracket.png" alt="Image" /></td>
<td>universal track bracket assembly 140-500 mm.</td>
<td>78251.</td>
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<tr>
<td><img src="track-bracket.png" alt="Image" /></td>
<td>track bracket assembly for track fixture rigid</td>
<td>78113.</td>
<td><img src="track-bracket.png" alt="Image" /></td>
<td>track bracket assembly for transom fixture 100 mm.</td>
<td>78162.</td>
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<td><img src="coupling-track-bracket.png" alt="Image" /></td>
<td>coupling track bracket assembly for track fixture rigid</td>
<td>78115.</td>
<td><img src="track-bracket.png" alt="Image" /></td>
<td>track bracket assembly with adjustable plate</td>
<td>78161.</td>
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<td><img src="rigid-cassette.png" alt="Image" /></td>
<td>rigid cassette coupling bracket assembly for track fixture</td>
<td>78333.</td>
<td><img src="adjustable-plate.png" alt="Image" /></td>
<td>adjustable plate for track bracket assembly</td>
<td>78165.</td>
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<tr>
<td><img src="flat-bracket.png" alt="Image" /></td>
<td>flat bracket assembly for lateral fixture with swivel head</td>
<td>78085.</td>
<td><img src="sensor.png" alt="Image" /></td>
<td>bracket assembly for sun/wind/rain sensor</td>
<td>78171.</td>
</tr>
<tr>
<td><img src="vario-V-bracket.png" alt="Image" /></td>
<td>vario-V bracket assembly for track fixture</td>
<td>78084.</td>
<td><img src="track-profile.png" alt="Image" /></td>
<td>track fixture profile by the metre</td>
<td>78252.</td>
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<tr>
<td><img src="vario-V-bracket.png" alt="Image" /></td>
<td>vario-V bracket assembly for coupling track fixture</td>
<td>78089.</td>
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<tr>
<td><img src="cassette-support.png" alt="Image" /></td>
<td>cassette support assembly</td>
<td>78145.</td>
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</table>

. = insert RAL colour code no.
### Fixture Combinations for the markilux® 8000

All fixture combinations incur a surcharge.

<table>
<thead>
<tr>
<th>Fixture Combination</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 *</td>
<td>only up to an extension of 400 cm. thereafter fixture method 51</td>
</tr>
<tr>
<td>12</td>
<td>An additional cassette support is required from a field width of 451 cm.</td>
</tr>
<tr>
<td>14 *</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>21</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>22</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>31 **</td>
<td>An additional cassette support is required from a field width of 451 cm.</td>
</tr>
<tr>
<td>41 *</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>51 *</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>61 * •</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>71 * •</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>81 * •</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>91 *</td>
<td>only from an extension of 401 cm.</td>
</tr>
<tr>
<td>00</td>
<td><strong>Individual bracket combinations</strong> – v. overleaf. Combine the fixings according to your requirements making sure you note the minimum quantity required for the width and extension you have ordered.</td>
</tr>
</tbody>
</table>

* = 2 fixtures per track from an extension of 401 cm.    • = diagonal tensioners are recommended

** = 3 fixtures per track from an extension of 401 cm.
The Conservatory Awning markilux® 8000 with Curved Front

### Dimensions

<table>
<thead>
<tr>
<th>Fixtur/order width in cm.</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width (mm)</td>
<td>158</td>
<td>208</td>
<td>258</td>
<td>308</td>
<td>358</td>
<td>408</td>
</tr>
<tr>
<td>Extension 150 cm. (mm)</td>
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<tr>
<td>Extension 200 cm. (mm)</td>
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<td>Extension 250 cm. (mm)</td>
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<td>Extension 300 cm. (mm)</td>
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<tr>
<td>Extension 350 cm. (mm)</td>
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<td>Extension 400 cm. (mm)</td>
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<td>Extension 450 cm. (mm)</td>
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<tr>
<td>Extension 500 cm. (mm)</td>
<td>79</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension 550 cm. (mm)</td>
<td>86</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension 600 cm. (mm)</td>
<td>92</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension 650 cm. (mm)</td>
<td>98</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extension 700 cm. (mm)</td>
<td>103</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Motor drive**

- with electronic torque reduction when being retracted

**Wall sealing profile**

- (up to a pitch of 25°)

**Available Accessories**

- Frame polyester powder coated as standard in colour *
- Perfotex fabric
  - (panels 60 cm wide)
- swela transolair
  - (panels 82 cm wide)
- Soltis 92
  - (panels 88.5 cm wide)
- Cover made of a brand name of acrylic material or sunsilk
  - (panels 60 cm wide)

Not available: manual operation, PVC fabrics (ERA, Mehler etc.), screen fabrics

**Available Fabrics**

- Design names of acrylic material or sunsilk
- no oversized material

**Possible dimensional variations:**

<table>
<thead>
<tr>
<th>Overall width of the awning</th>
<th>Standard widths (Motor)</th>
<th>Intermediate widths (Motor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolerances in the width</td>
<td>+0 / -20</td>
<td>+0 / -20</td>
</tr>
<tr>
<td>Tolerances in the extension</td>
<td>+40 / -40</td>
<td>+40 / -40</td>
</tr>
</tbody>
</table>

**Awnings cover sizes:**

| Cover width = (deduct from awning width) | 90 |
| Cover length = (add to awning extension) | v. table |

**Awnings cover tolerances:**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Tolerances</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2000</td>
<td>+5 / -5</td>
</tr>
<tr>
<td>2010</td>
<td>4000</td>
<td>+8 / -8</td>
</tr>
<tr>
<td>4010</td>
<td>6000</td>
<td>+12 / -12</td>
</tr>
<tr>
<td>6010</td>
<td>7000</td>
<td>+15 / -15</td>
</tr>
</tbody>
</table>

**The smallest possible fixture widths**

<table>
<thead>
<tr>
<th>Extension (mm)</th>
<th>0-1500</th>
<th>0-3000</th>
<th>0-5500</th>
<th>0-7000</th>
<th>0-4000</th>
<th>4010-7000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smallest fixt. width (mm)</td>
<td>740</td>
<td>790</td>
<td>1120</td>
<td>1220</td>
<td>1220</td>
<td>1490</td>
</tr>
</tbody>
</table>

**Motor drive**

- with electronic torque reduction when being retracted

**Wall sealing profile**

- (up to a pitch of 25°)

**Available Fabrics**

- Design names of acrylic material or sunsilk
- no oversized material

**Possible dimensional variations:**

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</tr>
<tr>
<td>Tolerances in the extension</td>
<td>+40 / -40</td>
<td>+40 / -40</td>
</tr>
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</table>

**Awnings cover sizes:**

| Cover width = (deduct from awning width) | 90 |
| Cover length = (add to awning extension) | v. table |

**Awnings cover tolerances:**

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</tr>
<tr>
<td>6010</td>
<td>7000</td>
<td>+15 / -15</td>
</tr>
</tbody>
</table>

**N.B.**

- Measure up carefully! We will not take awnings back because of incorrect size. Awnings are made to measure.
- The ordered width should be the fixture width of the awning on the conservatory. The overall width of the awning is 80 mm greater than the fixture width (40 mm on each side). The extension of the awning is measured from the back of the cassette to the leading edge of the front profile (the guide tracks protrude a further 70 mm past the front profile).
- If coupled awnings or blinds are to be fitted into a recess or reveal the overall width of the coupled awning must be 6 cm less than the width of the opening to allow the awnings to be coupled together.
- In the case of coupled units with differing unit sizes it is not possible to guarantee that the covers will wind onto the rollers in a similar fashion. Visual anomalies may be apparent which do not affect the functionality of the awning.
- Visual anomalies may be apparent which do not affect the functionality of the awning.
- N.B. The motor drives used in single and multiple field awnings run at different r.p.m. Bear this in mind when ordering a 3 field/2 motor awning. Make a special note if an awning is to be fitted into a recess/reveal, and note the recess/reveal width separately.
- The operation side should be given as if seen from the outside.

**Radio-controlled motor operation**

- Radio-controlled motor for single units
- Radio-controlled motor for coupled units
- External radio receiver for standard motors

**Awnings cover sizes:**

| Cover width = (deduct from awning width) | 90 |
| Cover length = (add to awning extension) | v. table |

**Awnings cover tolerances:**

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</tr>
<tr>
<td>6010</td>
<td>7000</td>
<td>+15 / -15</td>
</tr>
</tbody>
</table>

**Not available:** manual operation, PVC fabrics (ERA, Mehler etc.), screen fabrics

**Other RAL colours are possible. Availability and lead times on request.**
The Conservatory awning
markilux® 8000 with Curved Front

max. field width 400 cm.; max. extension 700 cm.

N.B. – when ordering please
- use the ordering form for the curved front markilux® 8000 in this catalogue.
- fax us the completed order form – giving the conservatory measurements.
- Only when we have received a signed copy of the production drawing is the order cleared for production. The despatch date is calculated from this point.

<table>
<thead>
<tr>
<th>markilux 8000</th>
<th>1 relieving roller</th>
<th>markilux 8000</th>
<th>2 relieving rollers</th>
<th>markilux 8000</th>
<th>3 relieving rollers</th>
<th>markilux 8000</th>
<th>4 relieving rollers</th>
</tr>
</thead>
<tbody>
<tr>
<td>solar shading</td>
<td>from 1 to 30 degrees</td>
<td>solar shading</td>
<td>from 31 to 60 degrees</td>
<td>vertical shading</td>
<td>from 1 to 30 degrees</td>
<td>solar shading</td>
<td>from 31 to 60 degrees</td>
</tr>
<tr>
<td>vertical shading</td>
<td>from 1 to 30 degrees</td>
<td>vertical shading</td>
<td>from 1 to 30 degrees</td>
<td>vertical shading</td>
<td>from 1 to 30 degrees</td>
<td>vertical shading</td>
<td>from 31 to 60 degrees</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>markilux 8000 order nos. and reference types</th>
<th>1 curve</th>
<th>2 curves</th>
<th>1 curve</th>
<th>2 curves</th>
<th>1 curve</th>
<th>2 curves</th>
<th>1 curve</th>
<th>2 curves</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 relieving roller</td>
<td>8000-1-1-1</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 relieving rollers</td>
<td>8000-1-1-2</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 relieving rollers</td>
<td>8000-1-1-3</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 relieving rollers</td>
<td>8000-1-1-4</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td>8000-1-2-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The reference type is a combination of the basic awning type and the number of curves, fields, motors and relieving rollers.

Example: markilux 8000-1-2-1-2 = order no. 1212

<table>
<thead>
<tr>
<th>Basic model</th>
<th>curves</th>
<th>fields</th>
<th>motors</th>
<th>relieving rollers</th>
</tr>
</thead>
<tbody>
<tr>
<td>markilux 8000</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>
Important measurements for fitting the conservatory awning markilux® 8000

(Measurements may vary slightly.)

Fixture width =
Order width =
Max. 6500 mm.

Awning width less 20 mm.
Important measurements for fitting the conservatory awning markilux® 8000

(Measurements may vary slightly.)

(overall awning width)

fixture width =

order width = max. 6500 mm.

(order width)

max. 6500 mm.

(order width)

max. 6500 mm.

(overall awning width)

single unit

fixture width =

order width = max. 6500 mm.

(overall awning width)

single unit

fixture width =

order width = max. 6500 mm.
Important measurements for fitting the conservatory awning markilux® 8000

(Measurements may vary slightly.)

overall awning width

single unit

fixture width =

order width =

max. 6500 mm.

extension
How to fit the markilux® 8000:

Fixture Method 91, Bottom fixture on torque bars

Bottom Fixture Bracket “L”
Part No. 78121.
Bottom Fixture Bracket “R”
Part No. 78122.

Cross section from A to B

Coupling Track Bracket for
Track Fixture – rigid; Part No. 78115.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Track Bracket for
Track Fixture – rigid; Part No. 78113.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Fixture Method 11, Bottom fixture

Coupling Track Bracket 140 mm. with
swivel top; Part No. 78107.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Track Bracket 140 mm. with
swivel top; Part No. 78105.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Bottom Fixture Bracket “L”
Part No. 78121.
Bottom Fixture Bracket “R”
Part No. 78122.

Torque bars
Part No. 75310.
How to fit the markilux® 8000:

Cross section from A to B

Fixture Method 31, Track Fixture – from a field width of 4501 mm. an additional housing support is required in the middle

Coupling Track Bracket for
Track Fixture – rigid; Part No. 78115.
Projection up to 4000 mm. = 2 per track
from 4001 mm. = 3 per track

Track Bracket for
Frame Fixture – rigid; Part No. 78113.
Projection up to 4000 mm. = 2 per track
from 4001 mm. = 3 per track

Bottom Fixture Coupling Bracket
8000
Part No. 78333.

Track Bracket for Track Fixture
Part No. 78113.
How to fit the markilux® 8000:

Fixture Method 51; Face fixture from an extension of 4001 mm. using vario-V brackets

Fixture Method 12; Face fixture up to an extension of 4000 mm.

Cross section from A to B

Coupling Track Bracket 100 mm. with swivel top – rigid; Part No. 78086.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Track Bracket 100 mm. with swivel top; Part No. 78081.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Fixation of Markilux® 8000:

Face Fixture Bracket “L”
Part No. 78117.
Face Fixture Bracket “R”
Part No. 78118.

Vario-V Bracket for Track Fixture
Part No. 78084.
Vario-V Bracket for Coupling
Track Fixture - Part No. 78089.

Track Bracket 100 mm. with swivel top
Part No. 78081.
Coupling Track Bracket 100 mm. with swivel top - rigid; Part No. 78086.

Fixation Method 51; Face fixture from an extension of 4001 mm. using vario-V brackets
How to fit the markilux® 8000:

Option 1

Option 2

Pitch | Gap
---|---
5° | 22
10° | 22
15° | 32
20° | 36
25° | 40
30° | 43
35° | 45
40° | 48
45° | 47

Face Fixture Bracket “L”
Part No. 78117.
Face Fixture Bracket “R”
Part No. 78118.

Side Fixture Bracket
Part No. 78085.
Extension up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

Fixture Method 22, Face fixture using side fixture brackets
How to fit the markilux® 8000:

Fixture Method 81; Raised bottom fixture for extensions greater than 4000 mm. using vario-V brackets

Cross section from A to B
(overall awning width)

Raised Bottom Fixture Bracket “L”
Part No. 78125.

Raised Bottom Fixture Bracket “R”
Part No. 78126.

Raised Track Bracket with swivel top and bottom
Part No. 78083.
from an extension of 4001 mm.
1 additionally per track

Extension

Track Bracket with swivel top 100 mm.
Part No. 78081.

Cross section from A to B
(overall awning width)

Raised Bottom Fixture Bracket “L”
Part No. 78125.

Raised Bottom Fixture Bracket “R”
Part No. 78126.

Track Bracket with swivel top 100 mm.
Part No. 78081.

Cross section from A to B
(overall awning width)

Fixure Method 81; Raised bottom fixture for extensions greater than 4000 mm. using vario-V brackets
How to fit the markilux® 8000:

Raised Bottom Fixture for Coupled Cassette

Combined Fixture Method

Raised Bottom Fixture Bracket “L”
Part No. 78125.

Raised Bottom Fixture Bracket “R”
Part No. 78126.

Raised Track Bracket
with swivel top and bottom 200-500 mm.
Part No. 78083.
from an extension of 4001 mm.
1 additionally per track

Raised Bracket for Coupled Cassette
Part No. 78332.

Raised Bottom Fixture for Coupled Cassette
How to fit the markilux® 8000:

- Face Fixture Coupling Bracket 8000
  Part No. 78330.
- Face Fixture using a Coupling Bracket
- Awning fixture width
- Conservatory fixture width

Diagonal Tensioning Kit
Part No. 71790.

Diagonal Tensioner Kit
Part No. 71790.

Raised Track Bracket
Part No. 78083.

Diagonal Tensioning for Raised Bottom Fixture
How to fit the markilux® 8000:

Angled Support, 100 mm.

Adjustable Support
How to fit the markilux® 8000:

Wall sealing profile effective up to a pitch of 25°

Face fixture with wall sealing profile
Measurement Form for a Flat-top Conservatory

Orders are to be submitted showing all the conservatory measurements shown in the diagram. Orders will only be passed for production when all technical details have been clarified. You will be asked to confirm the measurements by signing a technical drawing which will be faxed to you.
Measurement Form for a Curved Conservatory

Orders are to be submitted showing all the conservatory measurements shown in the diagram. Orders will only be passed for production when all technical details have been clarified. You will be asked to confirm the measurements by signing a technical drawing which will be faxed to you.
How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.

Fixture Method 61; Raised bottom fixture

Raised Bottom Fixture Bracket “L” Part No. 78125.
Raised Bottom Fixture Bracket “R” Part No. 78126.

Raised Track Bracket with swivel top and bottom, 200 - 500 mm. No. 78083.

Track Bracket with swivel top, 100 mm. Part No. 78081.

Fixture Method 81; Raised bottom fixture

Raised Bottom Fixture Bracket “L” Part No. 78125.
Raised Bottom Fixture Bracket “R” Part No. 78126.

Vario-V Bracket for Track Fixture Part No. 78084.

Track Bracket with swivel top, 140 mm. Part No. 78105.

Track Bracket with swivel top, 100 mm. Part No. 78081.
How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.

**Combined Fixture Method; Bottom fixture**

- **Bottom Fixture Bracket “L”**
  - Part No. 78121.
- **Bottom Fixture Bracket “R”**
  - Part No. 78122.
- **Track Bracket with swivel top, 140 mm.**
  - Part No. 78105.
- **Raised Track Bracket with swivel top and bottom 200-500 mm.**
  - Part No. 78083.

**Suntrap shading from 31 to 60° with vertical shading from 1° to 30°**

**Track Bracket for Frame Fixture - rigid**
- Part No. 78113.

**Track Bracket with swivel top, 140 mm.**
- Part No. 78105.

**Face Fixture Bracket “L”**
- Part No. 78117.
- **Face Fixture Bracket “R”**
  - Part No. 78118.

**Extension**
- Vertical shading from 31 to 61°

**Vario-V Bracket for Track Fixture**
- Part No. 78084.
How to fit your markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.

**Fixture Method 11; Bottom fixture**

Bottom Fixture Bracket "L"
Part No. 78121.
Bottom Fixture Bracket "R"
Part No. 78122.

Suntrap shading from 1° to 30° with vertical shading from 31 to 60°

**Fixture Method 91; Bottom fixture on torque bars**

Bottom Fixture Bracket "L"
Part No. 78121.
Bottom Fixture Bracket "R"
Part No. 78122.

Track Bracket with swivel top,
140 mm.
Part No. 78105.

Suntrap shading from 31 to 60° with vertical shading from 31 to 60°

**Fixture Method 11; Bottom fixture**

Track Bracket with swivel top,
100 mm.
Part No. 78081.
How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.

Track bracket for Frame fixture – rigid; Part No. 78113

Fixture type 31, track fixture possible up to an individual field width of 400 cm.

Face Fixture Bracket “L”  
Part No. 78117.  
Face Fixture Bracket “R”  
Part No. 78118.

Track Bracket with swivel top, 140 mm  
Part No. 78105.

Track Bracket with swivel top, 100 mm  
Part No. 78081.

Fixture type 12; face fixture