



Triangular blind

## **markilux 893**

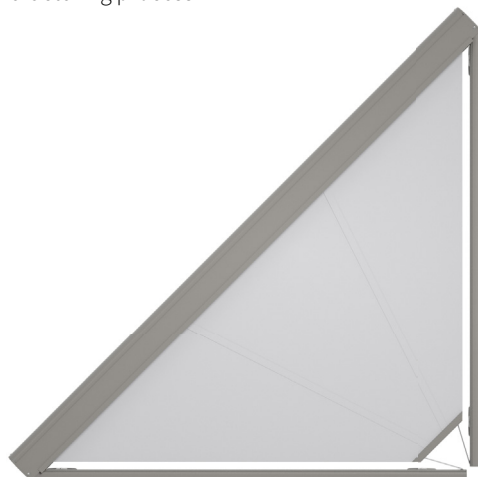
The ideal sunshading system for unusual windows.

## Product Characteristics

Wind resistance class 2

Beaufort 5 → 7.5–10.4 m/s → 28–37 km/h → 17–23 mph

the awning cover is made to measure using a unique manufacturing process



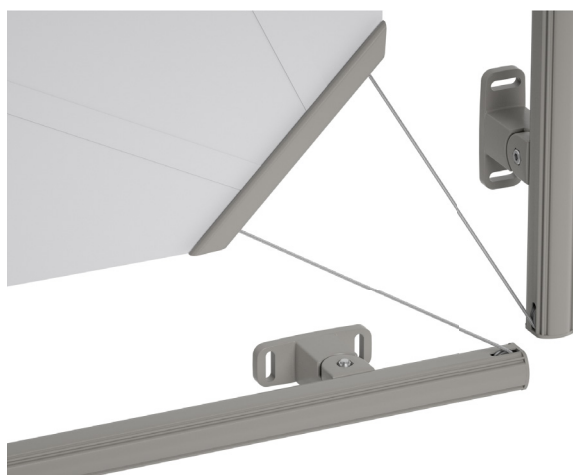
side view, fixture brackets with patented clip-on system



closed, cassette with integrated brush seal



high tensile tensioning cords in the guide tracks



1) Optional accessories

## Product Characteristics

### Description

- window blind with round cassette and tensioning system, made to fit triangular areas of glass
- the ingenious blind design allows installation in any plane – with an extension of up to 500 mm

### Special features

- fully encompassing cassette that protects the cover perfectly
- cassette with integrated brush seal at the cover exit point, removes extraneous debris, branches, leaves etc.
- tried and tested tensioning system with high tensile, non-stretching drive cords and integrated gas pistons – delivers optimum cover tension in any phase of extension
- supplied as standard with a hard-wired motor
- the broad range of brackets with patented clip-on system offers individual fixture solutions
- cover made using a unique manufacturing process in plain colours only
- production commences after the client has signed off the production drawing

### Dimensions

- single unit: 68 cm – 400 cm in width, maximum extension 500 cm (depending on the triangular shape)
- manufacture depends on the size of the angles next to the cassette (minimum 45°, maximum 75°)

### Roller tube and lateral bearings

- round roller tube Ø 63 mm with keyway, galvanised steel
- the roller tube bearing is made of stainless steel

### Awning profiles

- extruded aluminium, in façade quality, powder coated
- cassette profile in two pieces, round, Ø 115 mm
- guide tracks angular, rounded edges, width × height 34 mm × 40 mm
- front profile width 250 mm × height 25 mm × depth 20 mm

### End caps

- the cassette end caps are made of high-quality plastic, powder coated
- the front profile end caps are made of high-quality plastic, powder coated
- the front profile end caps are made of high-quality plastic, powder coated

### Fixture brackets

- self-supporting cassette on guide tracks
- brackets for the guide tracks: stand-off brackets, flat track brackets for side fixture
- standard bracket heights: 80 mm / 100 mm / 140 mm (bespoke heights can be ordered)

## Frame colours

### markilux frame colours without surcharge

traffic white, RAL 9016



metallic aluminium, RAL 9006



grey brown, similar to RAL 8019



off-white textured finish, 5233 <sup>1)</sup>



stone grey metallic, 5215 <sup>1)</sup>



anthracite metallic, 5204 <sup>1)</sup>



havana brown textured finish, 5229 <sup>1)</sup>



### Non-standard powder-coated finish

Bespoke frame colours incur a surcharge – matt, metallic, finely textured and pearl 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.

<sup>1)</sup> textured finish

## Dimensions and configuration options

### Single unit

Order dimensions		Awning width						Minimum blind width	
		150	200	250	300	350	400	Hard-wired motor	Radio-controlled motor
		75 150	151 200	201 250	251 300	301 350	351 400		
H	100							68	75
	150								
	200								
	250								
	300								
	350								
	400								
	450								
	500								

dimensions in cm

H = extension

 = 2 brackets per guide track

 = 3 brackets per guide track

### Important note with regard to the ordering of this product

Please always fill in the markilux 893 dimension sheet when ordering. markilux will make a production drawing on the basis of the dimensions provided by you and ask you to countersign this before manufacture begins.

#### Operation

	standard	optional
crank handle	—	—
crank handle, operation from the rear	—	—
Crank handle, internal operation	—	—
hard-wired motor	✓	—
radio-controlled motor io, 868 MHz	—	✓
radio-controlled motor RTS, 433 MHz	—	✓

#### Coupled awnings

not available

#### Optional accessories

automatic controls (light, wind, rain)

N.B. Important background information can be found in the chapter "Optional Accessories"

#### Awning cover

	fabric pattern no.	standard	optional
sunvas uni	309..-311.. / 314..	✓	—
sunsilk uni	324..	✓	—
sunbow uni <sup>1)</sup>	411.. / 414.. / 421.. / 424..	✓	—
transolair	338..	—	✓
transolair (120 cm) <sup>1)</sup>	339..	—	✓
Soltis Perform 92	92-..	—	✓

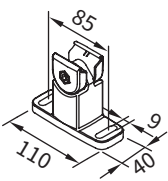
<sup>1)</sup> up to max. 450 cm projection available

#### Cover features

Because of the varying orientations of the sections of cover, they may have a dissimilar visual appearance.

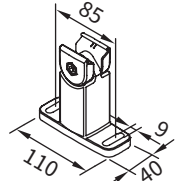
Made-up covers may have an angle tolerance of  $\pm 0,5^\circ$ .

Fixtures, fittings and accessories



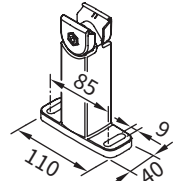
track bracket, with adjustable head  
80 mm  
fixture type 20

73624.



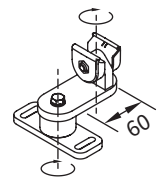
track bracket, with adjustable head  
100 mm

76046.



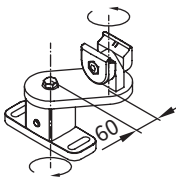
track bracket, with adjustable head  
140 mm

76048.



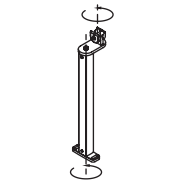
windmill track bracket  
80 mm

73629.



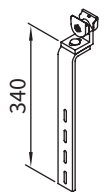
windmill track bracket  
100 mm

76054.



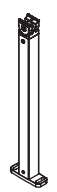
universal track bracket with adjustable head  
140–500 mm

76053.



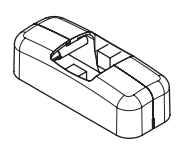
flat track bracket with adjustable head  
for lateral guide track fixture

76049.



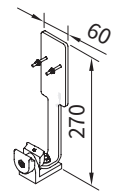
track bracket, with adjustable head  
140–500 mm

76047.



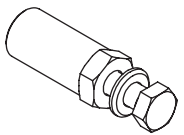
covering cap for square track bracket  
standard accessory for bracket

2 × 76718.



fixture bracket for light and / or wind and/or rain sensor

76050.



reduction bolt  
M 10 → M 6 / SW 13  
pack 10 pcs

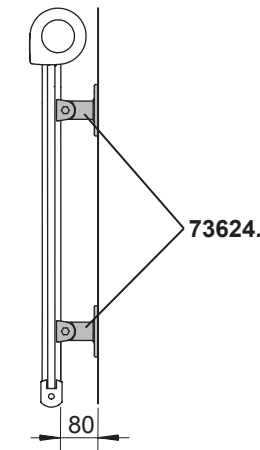
753211

Fixture types

Overview of dimensions

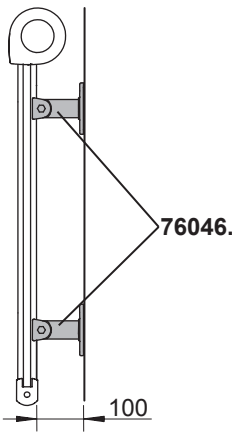
20

clearance 80 mm



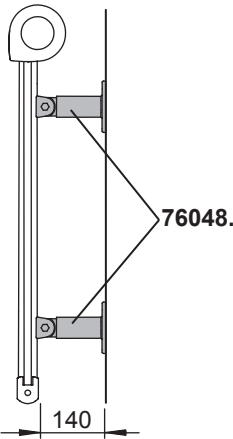
21

clearance 100 mm



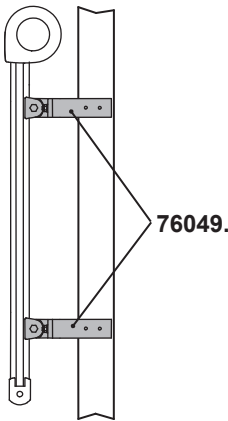
22

clearance 140 mm



30

Flat track bracket



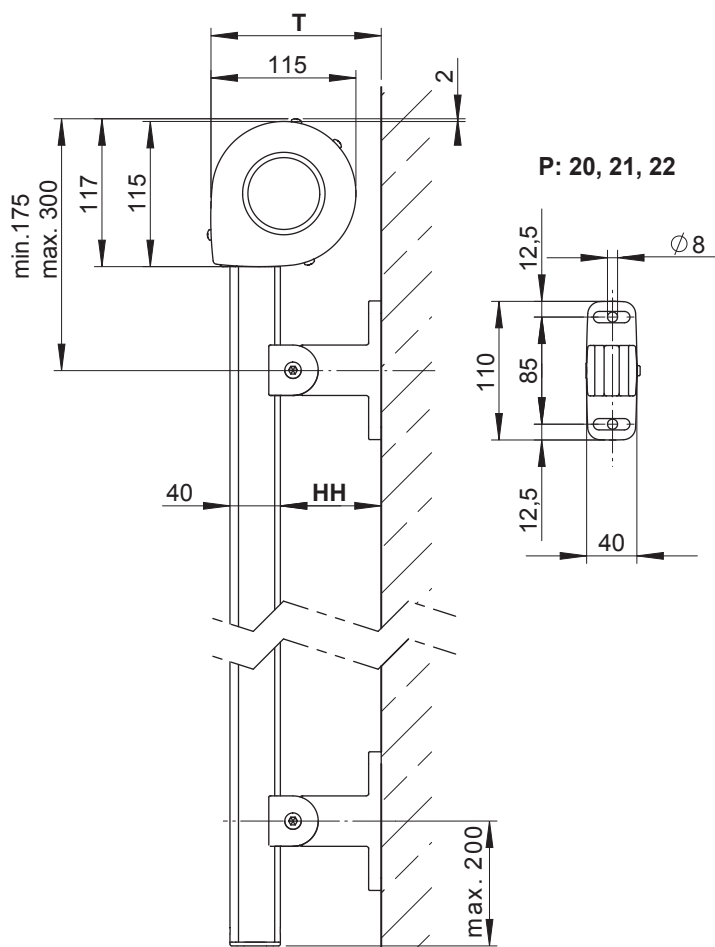
Individual bracket selection:

See "Fixtures, fittings and accessories". Awning extension > 250 cm, always 3 brackets per guide track.

dimensions in mm

## Fixture types

## Overview of dimensions



		Fixture type 20	Fixture type 21	Fixture type 22
<b>HT</b>	= bracket	73624.	76046.	76048.
<b>HH</b>	= bracket height	80	100	140
<b>T</b>	= overall height	130	150	190

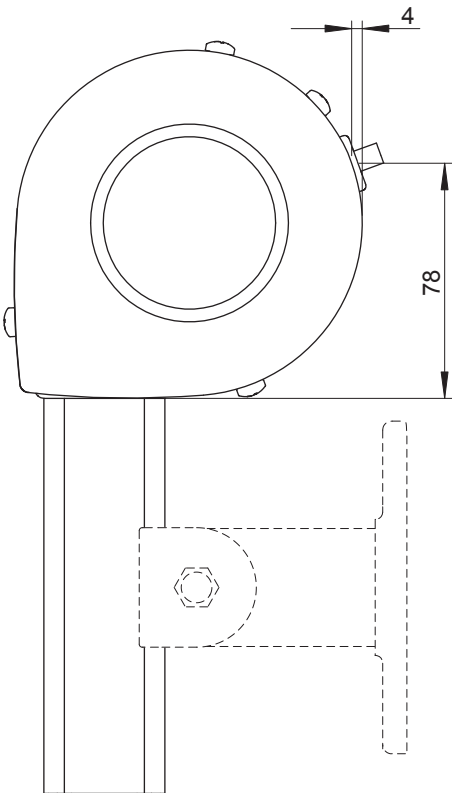
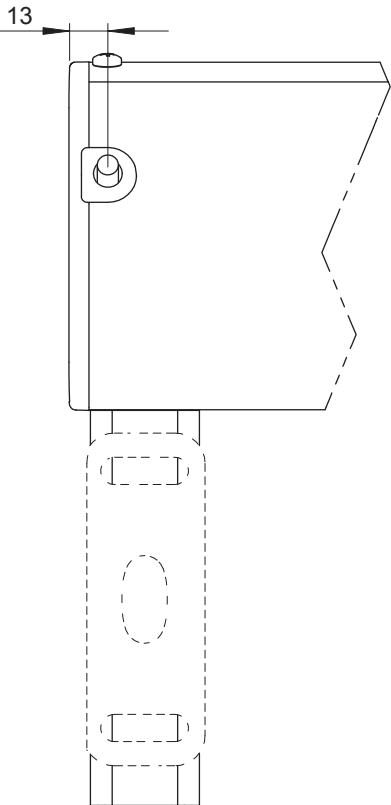
$$\mathbf{MA} = \text{blind width} / \text{fixture width}$$

**P** = fixture type

\* = extension when retracted

dimensions in mm

Motor cable exit point

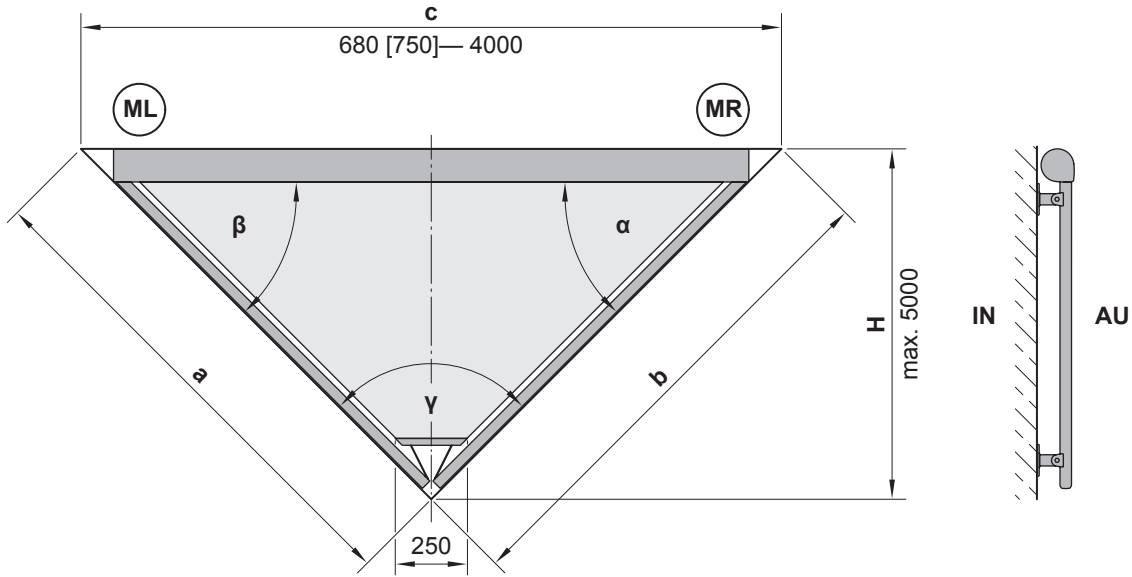


- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11**
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

dimensions in mm

# Dimensions for taking measurements

## Symmetrical unit



## Dimensions required for placing an order

### Option 1:

length of all 3 sides

a =	
b =	
c =	

### Option 2:

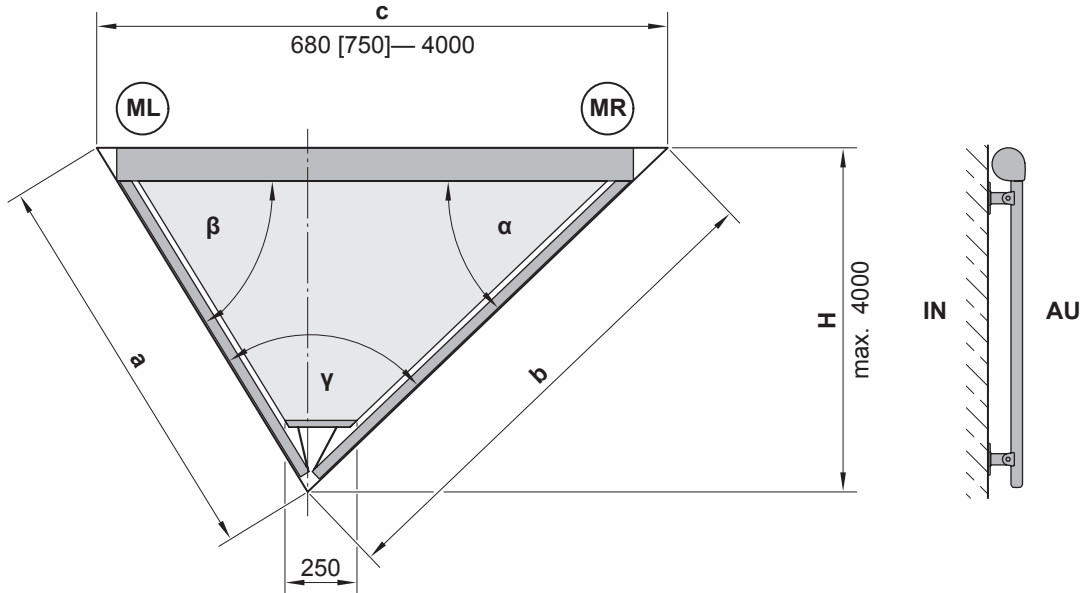
length of any 2 sides lengths

a =	
b =	
c =	

and the size of any 1 angle

α =	(45°—75°)
β =	(45°—75°)
γ =	(30°—90°)

## Asymmetrical unit



- a = length of side a
- b = length of side b
- c = length of side c
- α = angle opposite side a
- β = angle opposite side b
- γ = angle opposite side c

- AU = exterior
- H = unit height
- IN = interior
- ML = motor on the left
- MR = motor on the right
- [] = dimensions radio-controlled motor

dimensions in mm