



Triangular blind

## **markilux 893**

The ideal sunshading system for unusual windows.

01 **Product characteristics**

Wind resistance class 2

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

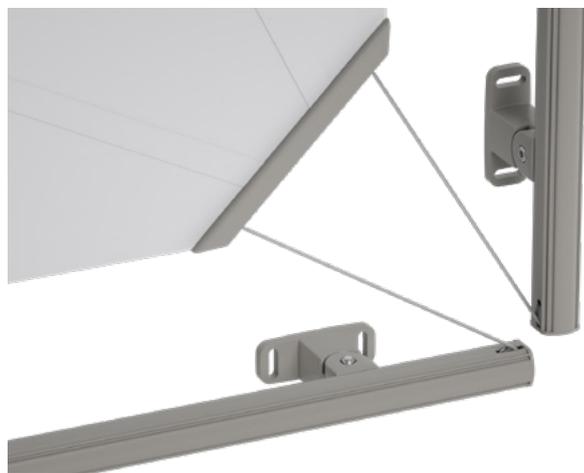
02 side view, fixture brackets with patented clip-on system



closed, cassette with integrated brush seal



03 high tensile tensioning cords in the guide tracks



cassette with integrated brush seal, protection against dirt ingress



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## 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

### Blind 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

### Side caps

- the cassette end caps are made of high-quality plastic, powder coated
- the guide track 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 attached to the top of the 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)

01 **Frame colours**

02 markilux frame colours without surcharge

03 traffic white RAL 9016

04 metallic aluminium RAL 9006

05 grey brown, similar to RAL 8019

09 off-white textured finish, 5233 <sup>1)</sup>10 stone grey metallic, 5215 <sup>1)</sup>11 anthracite metallic, 5204 <sup>1)</sup>15 Havana brown textured finish, 5229 <sup>1)</sup>17 **13**

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**Non-standard powder-coated finish**

Bespoke frame colours at a surcharge – matt, metallic 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.

**1)** textured finish

Colours may differ slightly from those depicted in both hue and finish.

# Dimensions and configuration options

Single unit

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

H = extension

dimensions in cm

 = 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, operation from inside the building	—	—
hard-wired motor	✓	—
radio-controlled motor io, 868 MHz	—	✓
radio-controlled motor RTS, 433 MHz	—	✓

Coupled Blind
not available

Blind cover	fabric range no.	standard	optional
sunvas uni	301.. / 309..-311..	✓	—
sunsilk uni	324.. / 325..	✓	—
perfortex	331.. / 332..	—	—
transolair	338..	—	✓
transolair (120 cm)	339..	—	✓
vuscreen Alu	317..	—	—
Soltis Perform 92	92-20..	—	✓
glass fibre screen	272..	—	—
perla	370 ..	—	—
perla FR	374.. / 375..	—	—

Optional accessories
automatic controls (light, wind, rain)

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

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

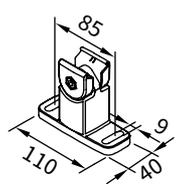
Made-up covers may have an angle tolerance of + / - 0.5°.

01 **Fixtures, fittings and accessories**

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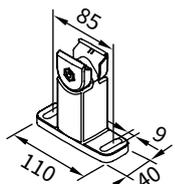
04



track bracket with adjustable head

80 mm

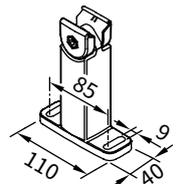
**73624.**



track bracket with adjustable head

100 mm

**76046.**



track bracket with adjustable head

140 mm

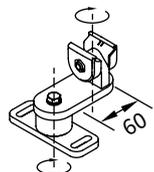
**76048.**

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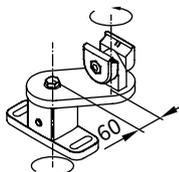
08



universal track bracket

80 mm

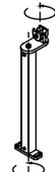
**73629.**



universal track bracket

100 mm

**76054.**



universal track bracket

length can be shortened by cutting the aluminium profile

140-500 mm

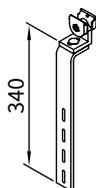
**76053.**

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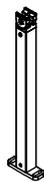
12



Fixture type 30

flat bracket for lateral fixing of guide tracks with adjustable head

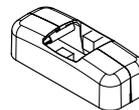
**76049.**



track bracket with adjustable head

140-500 mm

**76047.**



decorative cap for square track bracket

standard accessory for bracket

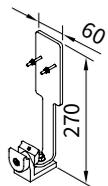
**2 × 76718.**

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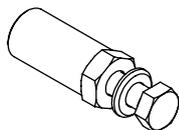
15

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bracket assembly for light/wind/rain sensor

**76050.**



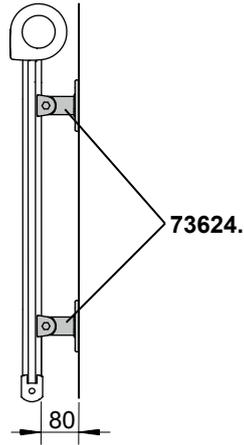
bolt reduction assembly M 10 → M 6 / SW 13

pack 10 pcs

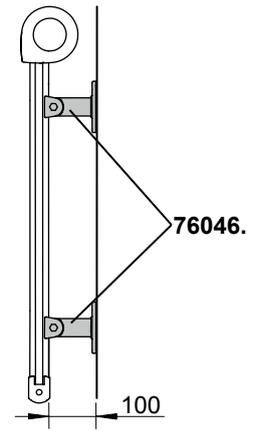
**753211**

Fixture types

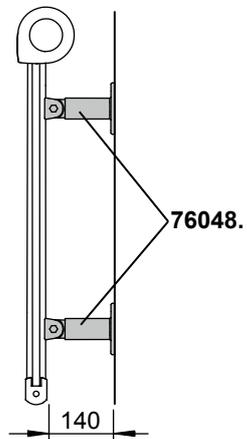
**20**  
clearance 80 mm



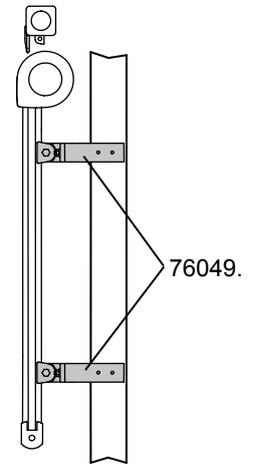
**21**  
clearance 100 mm



**22**  
clearance 140 mm



**30**  
flat track bracket



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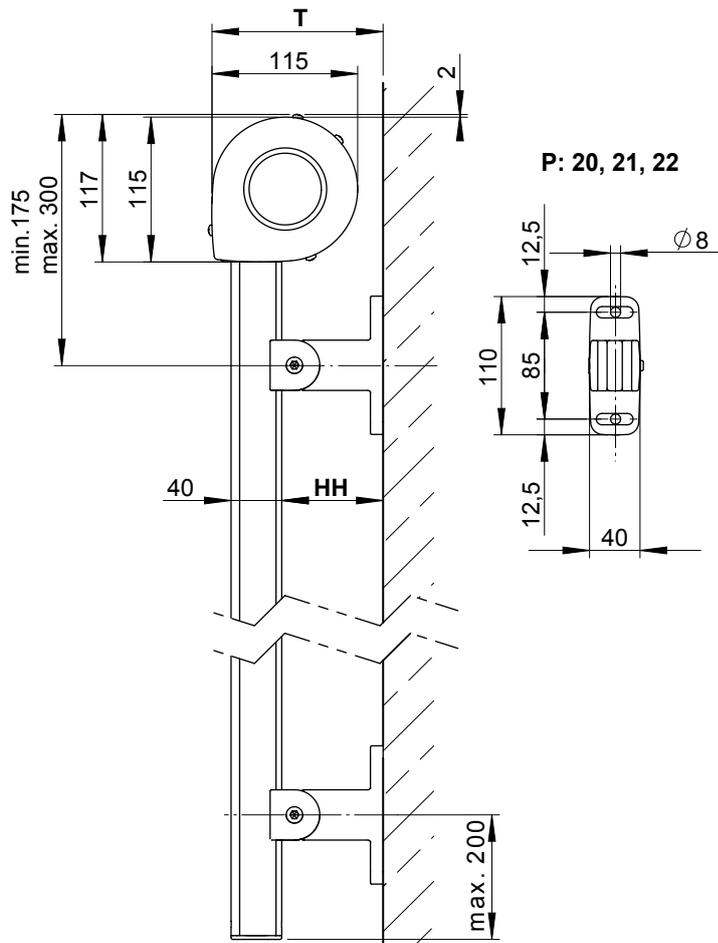
Individual bracket combinations:

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

dimensions in mm

# Fixture types

## Dimension overview

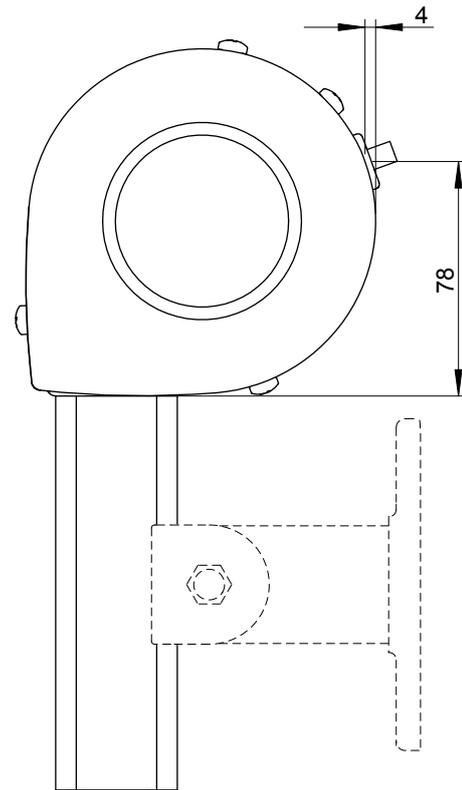
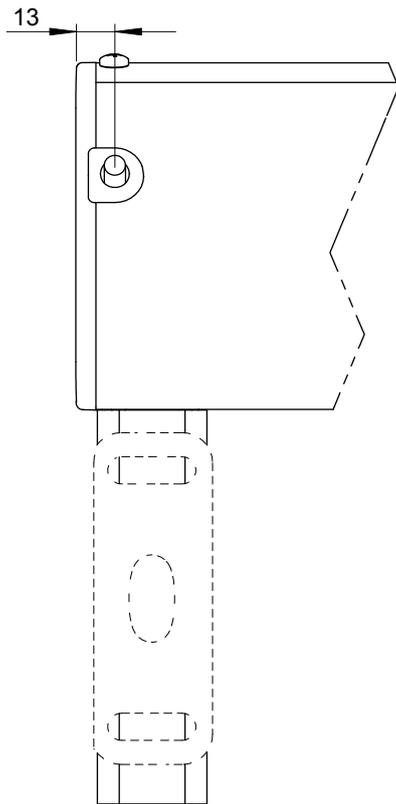


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		Fixture type 20	Fixture type 21	Fixture type 22
<b>HT</b>	= bracket	<b>73624.</b>	<b>76046.</b>	<b>76048.</b>
<b>HH</b>	= bracket height	80	100	140
<b>T</b>	= overall height	130	150	190
<b>MA</b>	= blind width / fixture width			
<b>P</b>	= fixture type			
<b>*</b>	= height of cassette including front profile, retracted			

dimensions in mm

### Motor cable exit point

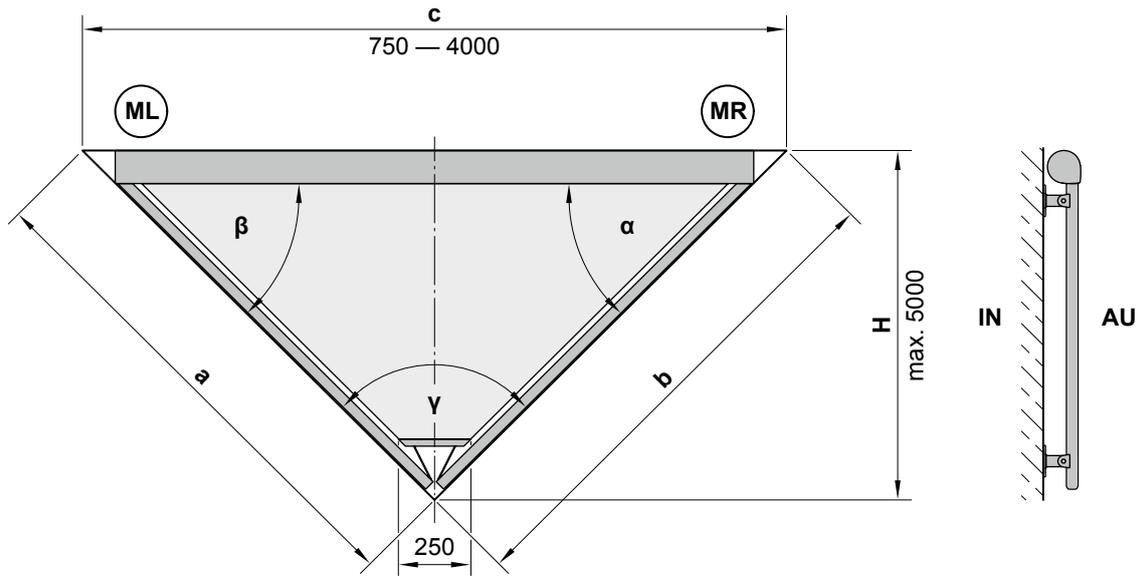


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dimensions in mm

# Dimensions for taking measurements

## Symmetrical unit



## Dimensions required for placing an order

### Variant 1:

length of all 3 sides

a = \_\_\_\_\_

b = \_\_\_\_\_

c = \_\_\_\_\_

### Variant 2:

length of any 2 sides lengths

a = \_\_\_\_\_

b = \_\_\_\_\_

c = \_\_\_\_\_

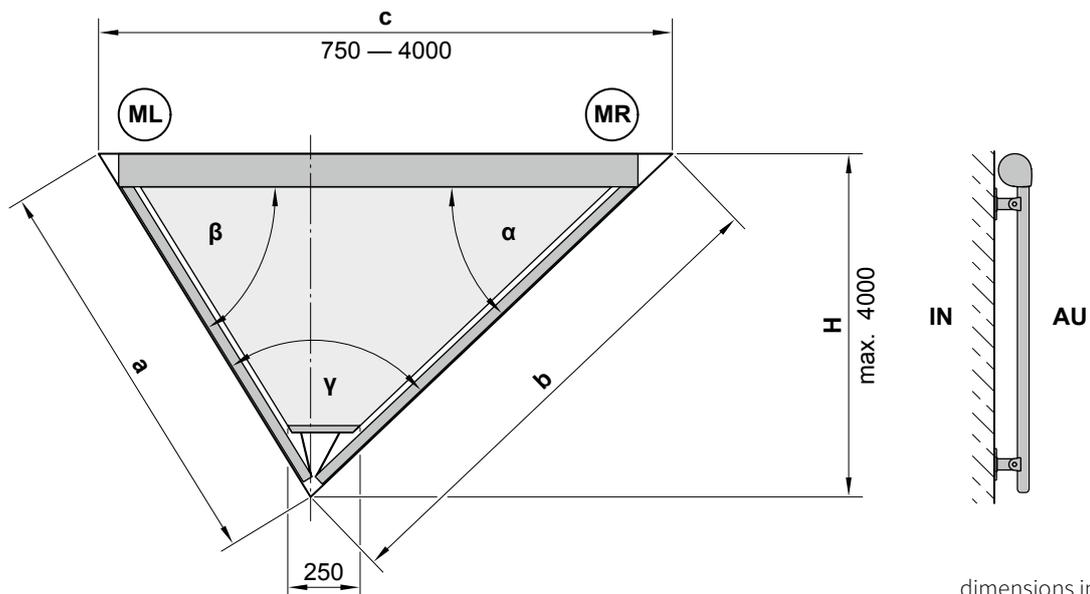
and the size of any 1 angle

alpha = \_\_\_\_\_ (45°-75°)

beta = \_\_\_\_\_ (45°-75°)

gamma = \_\_\_\_\_ (30°-90°)

## Asymmetrical unit



dimensions in mm

- a = length of side a
- b = length of side b
- c = length of side c

- alpha = angle opposite side a
- beta = angle opposite side b
- gamma = angle opposite side c

- AU = exterior
- H = unit height
- IN = interior
- ML = motor on the left
- MR = motor on the right