markilux collection

Specifi-cation

markilux 1700

markilux 1700 stretch

markilux 1710

markilux 1710 stretch

markilux 8800 / 8800 zip

markilux 8850

markilux 889 / 889 zip

markilux 869 / 869 zip

markilux pergola 110

markilux pergola 210

markilux syncra 2 fix / uno fix with folding-arm Awnings

markilux syncra 2 fix / uno fix with pergola 110 / 210

Optional Accessories

Technical Information

Order Forms

markilux 8850

The designer conservatory awning with indented guide tracks for bevel-edged conservatories.

CE
HÖCHSTE SICHERHEIT
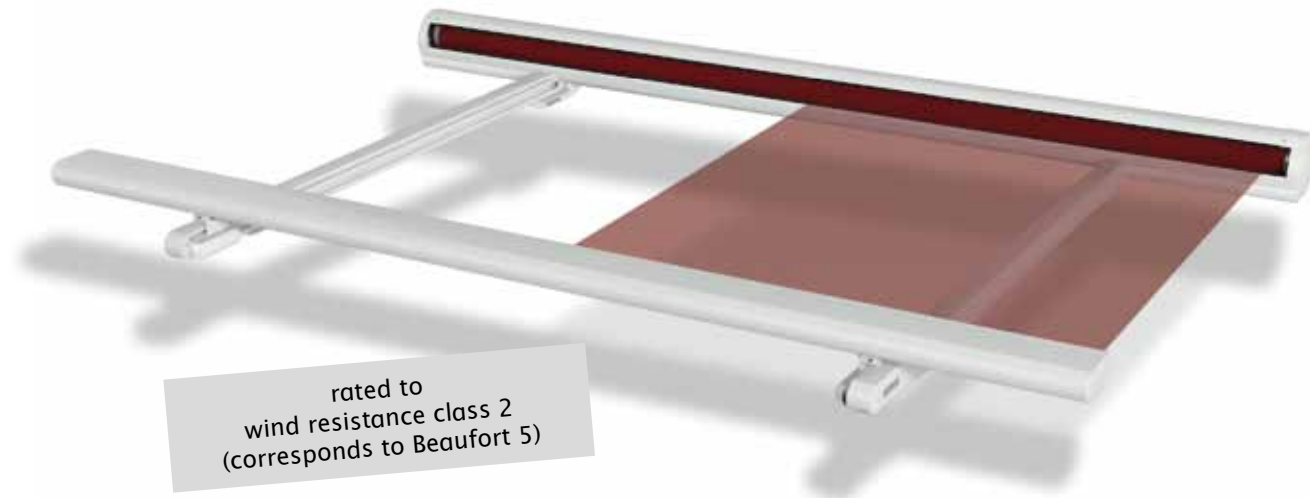*markilux*

markilux

125

rated to
wind resistance class 2
(corresponds to Beaufort 5)

markilux 8850

The designer conservatory awning with indented guide tracks for bevel-edged conservatories.
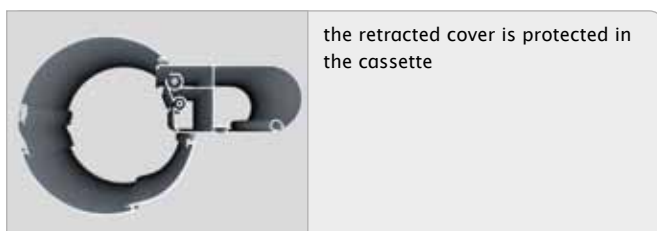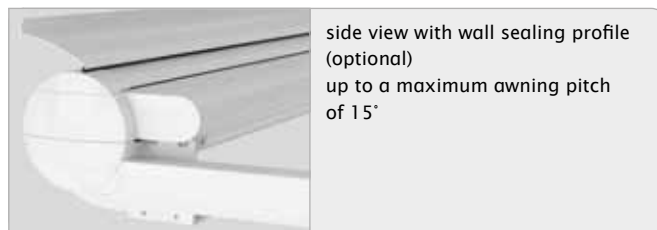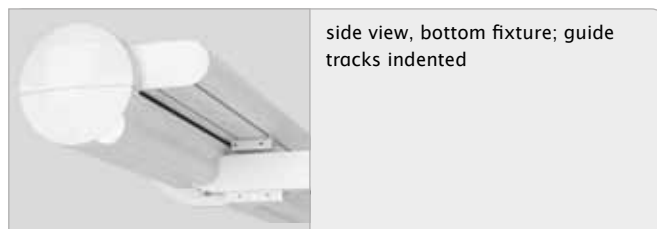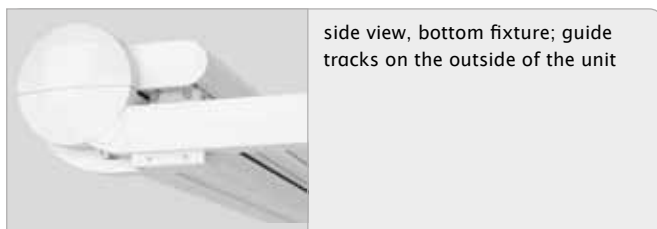
Design features Design

· the round cassette and angular guide tracks harmonise perfectly with one another and with the shapes found in contemporary conservatory design.

· when fully extended the rounded front profile sits flush with the end of the guide tracks, giving the system a completely closed appearance

· when retracted the cover is protected from the weather by the cassette, which encloses it completely

· for long-lasting attractiveness the awning has been powder coated

Technical highlights

· awning completely pre-assembled and tested in the factory

· indented guide tracks – for use on bevel-edged conservatories

· guide tracks can be indented up to 100 cm – if the system is asymmetrical the difference may not exceed 40 cm

· guide tracks can overhang the outermost bracket by up to 100 cm giving even greater from the sun

· permanently high cover tension is achieved by way of two special gas-piston mechanisms operating independently of one another

· brackets with patented clip-on mechanism for simple, problem free installation

Additional features

· radio-controlled motor with remote control for comfortable operation, markilux remote control with ergonomic design

· an easily installed, radio control light and wind sensor guarantees comfort and a degree of safety even in your absence

· wall sealing profile to cover the gap between awning and wall

· to simplify fixture, a broad selection of brackets is available

· awning available in non-standard RAL colours

side view, bottom fixture; guide tracks on the outside of the unit

side view, bottom fixture; guide tracks indented

face fixture, side view; guide tracks indented

side view with wall sealing profile (optional)
up to a maximum awning pitch of 15°

the retracted cover is protected in the cassette

maintenance hatch built into the cassette for quick installation

conservatory with bevel-edged roof

Standard specification
motor
sunsilk snc fabric
sunsilk snc signature fabric
acrylic fabric 34
perfotex fabric

Standard frame colours	
traffic white - RAL 9016	
metallic aluminium - RAL 9006	
grey brown - similar to RAL 8019	
anthracite metallic - 5204	

Optional accessories
radio-controlled motor with remote control
wall sealing profile
sun sensor and wind sensor
sunvas fabric
non-standard powder-coated finish

www.markilux.com

markilux collection

Specifi-cation

markilux 1700

markilux 1700 stretch

markilux 1710

markilux 1710 stretch

markilux 8800 / 8800 zip

markilux 8850

markilux 889 / 889 zip

markilux 869 / 869 zip

markilux pergola 110

markilux pergola 210

markilux syncra 2 fix / uno fix with folding-arm Awnings

markilux syncra 2 fix / uno fix with pergola 110 / 210

Optional Accessories

Technical Information

Order Forms

Dimensions and configuration options

		overall width											minimum width, hard-wired motor	minimum width radio motor
		150	200	250	300	350	400	450	500	550	600	650		
		80 – 150	151 – 200	201 – 250	251 – 300	301 – 350	351 – 400	401 – 450	451 – 500	501 – 550	551 – 600	601 – 650		
extension*	150													
	200													
	250												80	80
	300													
	350													
	400													
	450													
	500													

* = additional guide track overhang of 80 mm

dimensions in cm

= available

Type of shading	
exterior	●
interior	–
Operation	
motor	●
radio-controlled motor	○*
manual operation with stainless steel winding handle	–
cord pulley system	–
operating rod	–
Covers	
sunsilk snc (fabric series 324xx/329xx)	●
sunsilk snc signature (fabric series 369xx)	●
acrylic 34 (fabric series 341xx-347xx)	●
sunvas (fabric series 315xx)	○
widely woven acrylic (fabric series 349xx)	–
sunsilk perla FR (fabric series 374xx/379xx)	○
perfotex (fabric series 333xx)	●
transolair (fabric series 339xx)	–
Trevira CS	–
Soltis 92	○
PVC fabric	–
Miscellaneous	
wall sealing profile	○[1]
frame system markilux RS 8000	–
zip system	–
cover profiles for gap between side rails and cover	–
sun sensor and wind sensor	○
sundrive	–
Coupled units	
coupled unit, 2 fields	–
coupled unit, 3 fields	–

- ● = standard specification
- ○ = optional accessories
- – = not available
- ○* = radio-controlled motor using 433 MHz technology
- ○[1] = wall sealing profile effective up to a maximum awning pitch of 15˚

Housing tolerances / Awning cover dimensions	width	extension
housing tolerance	+5 / -5	
awning cover width = fixture width less	60 for units with guide tracks on the outside	
= awning width less	160 for units with indented guide tracks	
awning cover length		on request

measurements in mm

The width of the awning cover is always **less** than the width of the awning.

Definition of fixture/order width: The order width is a combination of the fixture width i.e. the measurement from fixture point to fixture point on the conservatory and the overhang on either side. The overhang on the left and on the right may be between 10 cm and 100 cm (see the L and R measurements in the diagram). The fixture width must be greater than the larger of the two overhangs (L and R). In the case of asymmetrical units the difference between the overhang on the left (L measurement) and the overhang on the right (R measurement) may not exceed 40 cm. The fixture width tolerance is + 5 mm / - 10 mm.

Definition of extension: the nominal extension is measured with the awning extended from the back of the cassette to the leading edge of the front profile (the guide tracks will extend 90 mm past this point). The tolerance in the projection is + 40 mm / - 40 mm.

Definition of operating side: the operating side is always given as if seen from the outside (right or left).

Face fixtured awnings can be pitched between 5˚ and 45˚. * Awnings mounted to a frame system can be pitched up to 90˚.

Units where the cover extends upwards from the cassette are not available.

N.B.! If the motor is used continuously it will stop automatically after 3 to 4 minutes **to prevent overheating.**

N.B.! **In contrast to standard motors**, radio-controlled motors have **no safety cut-out mechanism** if the front profile is obstructed. If this function is required in combination with radio-controlled operation, order the hard-wired motor with an external radio receiver and an appropriate transmitter.

In the case of a **bank of awnings operating simultaneously,** the same speed of rotation of the motors cannot be guaranteed because of the internal tolerances of the motors.

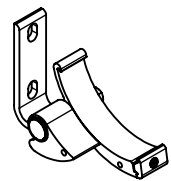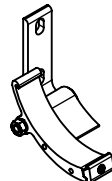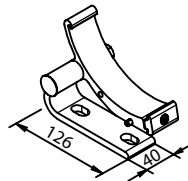The extension rate of a single unit with **hard-wired motor** takes approx. **18 seconds per metre**.
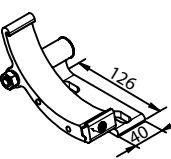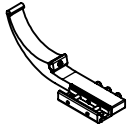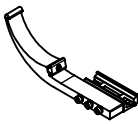
N.B.: From an extension of 351 cm the cover may sag during extension and retraction of the awning. In windy or wet weather and with cover areas larger than 16 m[2] the cover may come into contact with the conservatory roof.

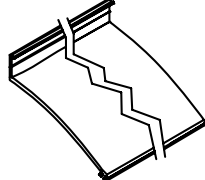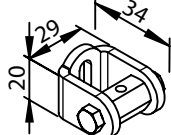| Frame colours		
traffic white - RAL 9016		●
metallic aluminium - RAL 9006		●
grey brown - similar to RAL 8019		●
anthracite metallic - 5204		●
non-standard powder-coated finish		○

* Colours similar to the RAL chart - these may differ slightly from those depicted in both hue and finish.

Fixtures, fittings and accessories

Brackets for cassette

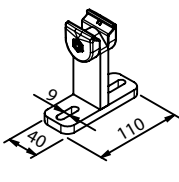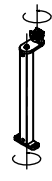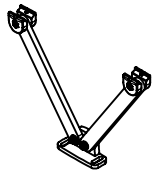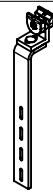|		
Face fixture bracket assembly, pitch adjustment range 5 to 45˚ left **76063.**	Face fixture bracket assembly, pitch adjustment range 5 to 45˚ right **76064.**	Bottom fixture bracket assembly for mounting onto a frame left **76061.**
Bottom fixture bracket assembly for mounting onto a frame right **76062.**	Raised cassette fixture bracket assembly 220 - 530 mm left **76071.**	Raised cassette fixture bracket assembly 220 - 530 mm right **76072.**
track connector bracket assembly left, included with the delivery **76175.**	track connector bracket assembly right, included with the delivery **76176.**	
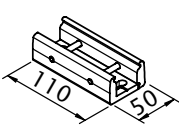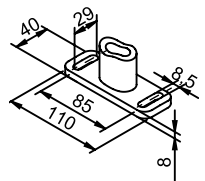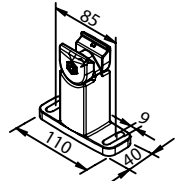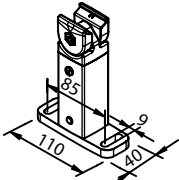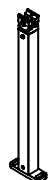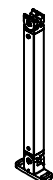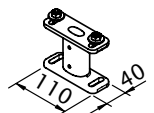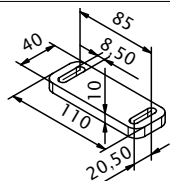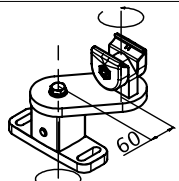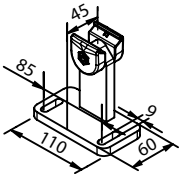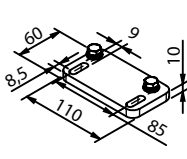
Accessories

Wall sealing profile available by the metre assembly example: see face fixture with wall sealing profile **77780.**	Diagonal tensioning kit (2 wire tensioner, 1 support wire) **71790.**

. = Please insert the RAL No. (please refer to the section on "Coatings")

Fixtures, fittings and accessories
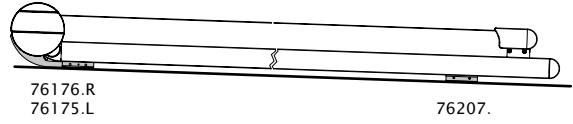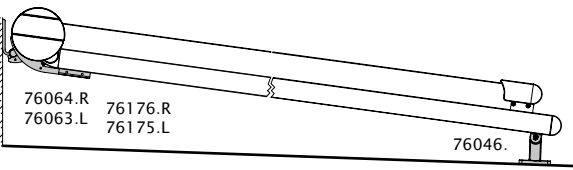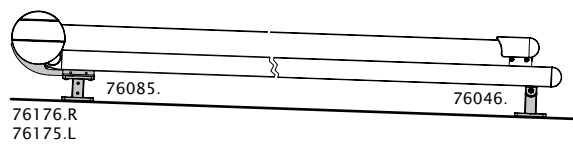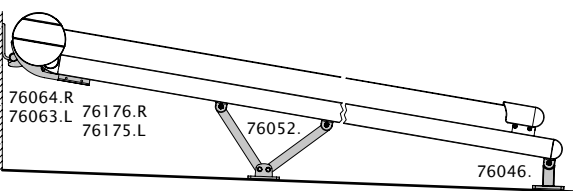
Track bracket
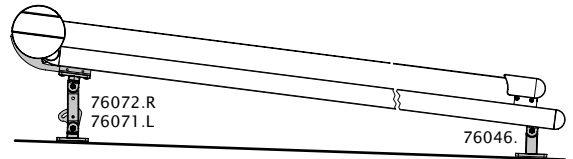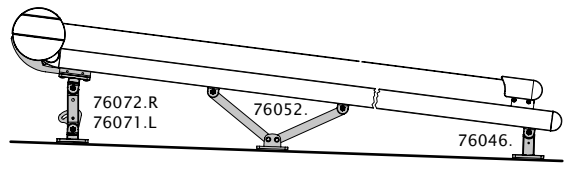
76207.	Flat track bracket assembly	Fixture dimensions of the foot of track brackets with adjustable head
	76046.	Track bracket assembly with adjustable head height 100 mm please see "Installation dimensions"
76048.	Track bracket assembly with adjustable head height 140 mm please see "Installation dimensions"	Track bracket assembly with adjustable head height 100 - 500 mm please see "Installation dimensions" 76047.
	76045.	Track bracket assembly with adjustable head and foot height 200 - 500 mm see assembly example Installation dimensions
76085.	Track bracket assembly fixture type 32	Spacer plate for track bracket 110 x 40 x 10 mm 78570.
	76054.	Universal track bracket assembly height 100 mm please see "Installation dimensions"
76199.	Track bracket assembly with adjustable foot plate height 100 mm please see "Installation dimensions"	Adjustable foot plate for track bracket assembly 78165.
	76046 (transom)	Track bracket assembly for transom fixture height 100 mm please see "Installation dimensions"
76053.	Universal track bracket assembly height 140 - 500 mm please see "Installation dimensions"	Vario-V bracket assembly for track fixture please see "Installation dimensions" 76052.
	76049.	Flat bracket assembly for lateral track fixture with adjustable head

. = Please insert the RAL No. (please refer to the section on "Coatings")

Fixture combinations

All brackets incur a surcharge

Fixture type

11	76176.R 76175.L 76207.	· from an extension of 401 cm an additional bracket 76207. per guide track is required
12	76064.R 76063.L 76176.R 76175.L 76046.	· from an extension of 401 cm fixture combination 51
32	76085. 76046. 76176.R 76175.L	· from an extension of 401 cm an additional bracket 76046. per guide track is required
51	76064.R 76063.L 76176.R 76175.L 76052. 76046.	· up to an extension of 400 cm, fixture type 12
61	76072.R 76071.L 76046.	· from an extension of 401 cm, fixture type 81 · diagonal tensioners are recommended
81	76072.R 76071.L 76052. 76046.	· up to an extension of 400 cm, fixture type 61 · diagonal tensioners are recommended

Individual bracket combinations – see "Fixtures, fittings and accessories".
Make sure you note the minimum quantity required for the width and unit height you have ordered!

Installation dimensions

Dimensions single unit
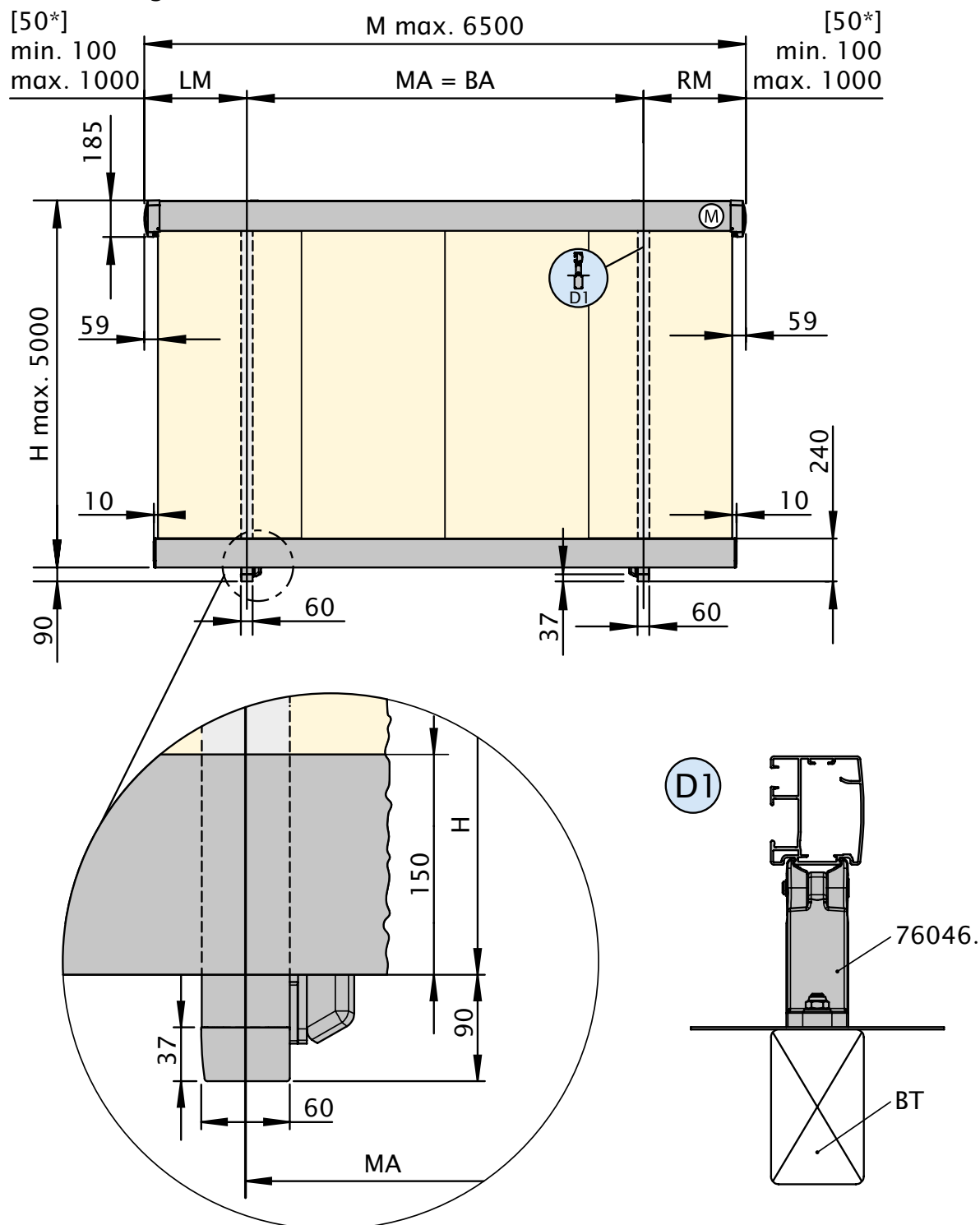
*	= dimensions for units with guide tracks on the outside
Ⓜ	= motor
H	= extension
M	= overall awning width
MA	= fixture width = awning width between fixture points
LM	= L dimension
RM	= R dimension
BA	= width between fixing points
D1	= detail of the single guide track
BT	= component/fixture substrate
76046.	= track bracket with adjustable head

measurements in mm

N.B.! The awning fixture width must be greater than the L or the R measurements.
The difference between the L dimension and R dimension may not exceed 400 mm.

Installation dimensions

Fixture type 11, bottom fixture

188
223
H
90
37
76175.
76176.
170
A
A
20
min. 100
max. 1000

S A-A

M
LM   MA   RM
76207.
70 20
BA

measurements in mm

Fixture type 12, face fixture

W	AX
5°	26
10°	32
15°	37
20°	43
25°	47
30°	50
35°	52
40°	53
45°	53

AX
W
H
135
90
37
76063.
76064.
76175.
76176.
105
A
170

S A-A

M
LM   MA   RM
71
10
105
76046.
BA

measurements in mm

H   = extension
M   = overall awning width
MA   = fixture width = awning width between fixture points
LM   = L dimension
RM   = R dimension
BA   = width between fixing points
W   = pitch
AX   = distance from cassette to wall
S   = cross section
76046. = track bracket with adjustable head, up to an extension of 4000 mm, 1 per track, from an extension of 4001 mm, 2 per track
76063. = face fixture cassette bracket, left
76064. = face fixture cassette bracket, right
76175. = housing fixture bracket, left
76176. = housing fixture bracket, right
76207. = flat track bracket, up to an extension of 4000 mm, 1 per track, from an extension of 4001 mm, 2 per track

markilux collection

Specifi-cation

markilux 1700

markilux 1700 stretch

markilux 1710

markilux 1710 stretch

markilux 8800 / 8800 zip

markilux 8850

markilux 889 / 889 zip

markilux 869 / 869 zip

markilux pergola 110

markilux pergola 210

markilux syncra 2 fix / uno fix with folding-arm Awnings

markilux syncra 2 fix / uno fix with pergola 110 / 210

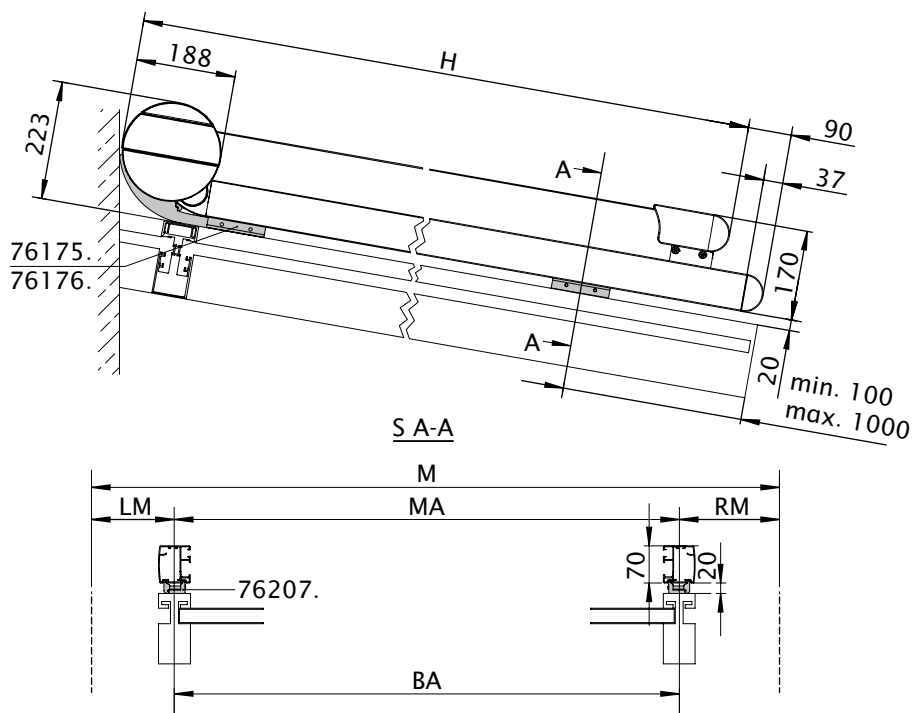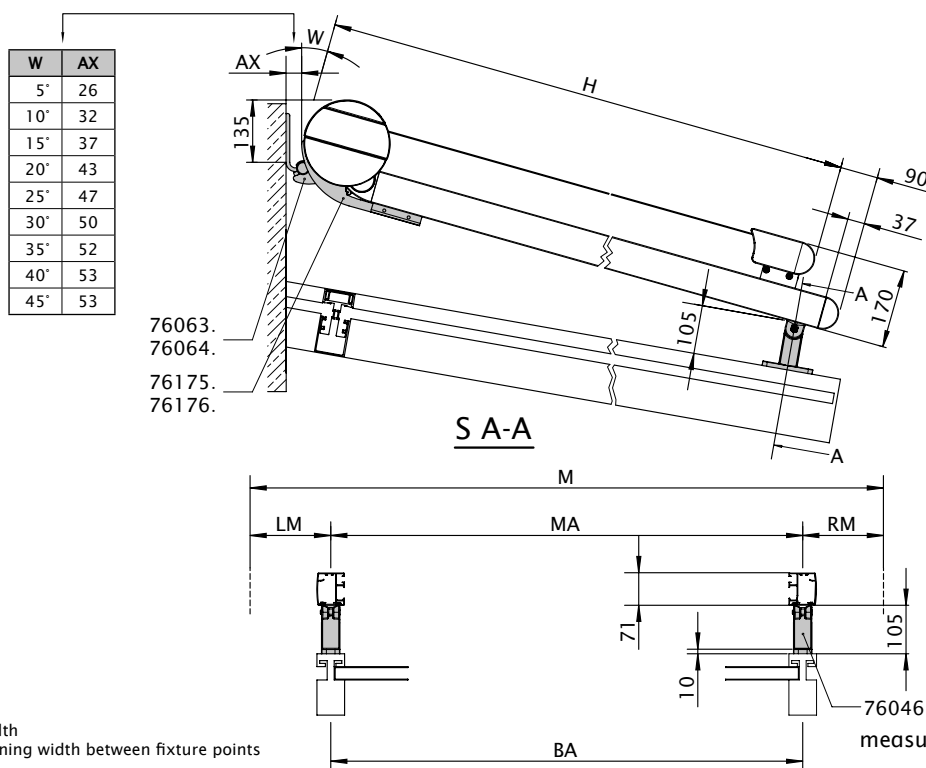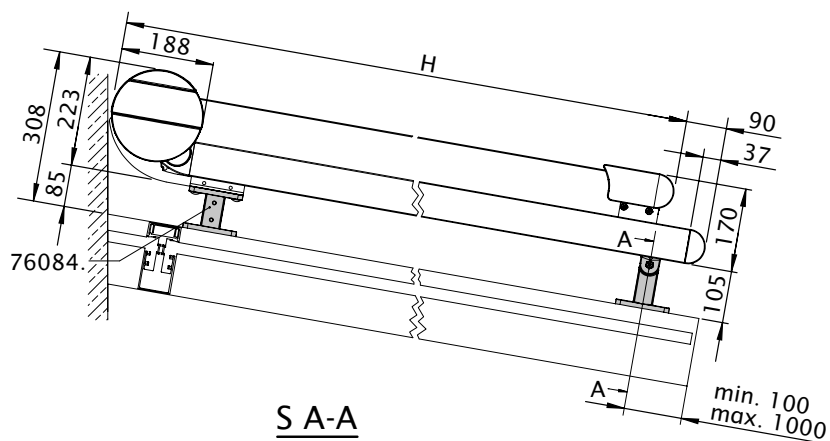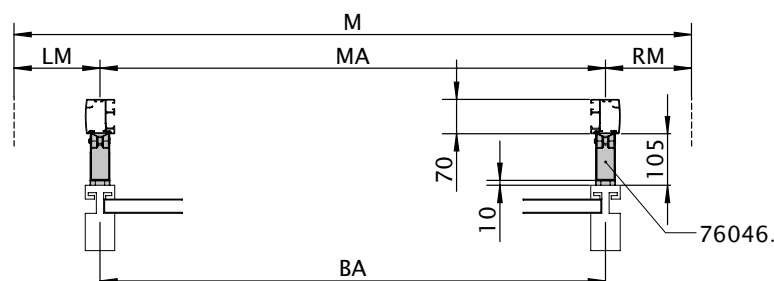Optional Accessories

Technical Information

Order Forms

Installation dimensions

Fixture type 32, track fixture

S A-A

measurements in mm

### Fixture type 51, face fixture for extensions greater than 4000 mm
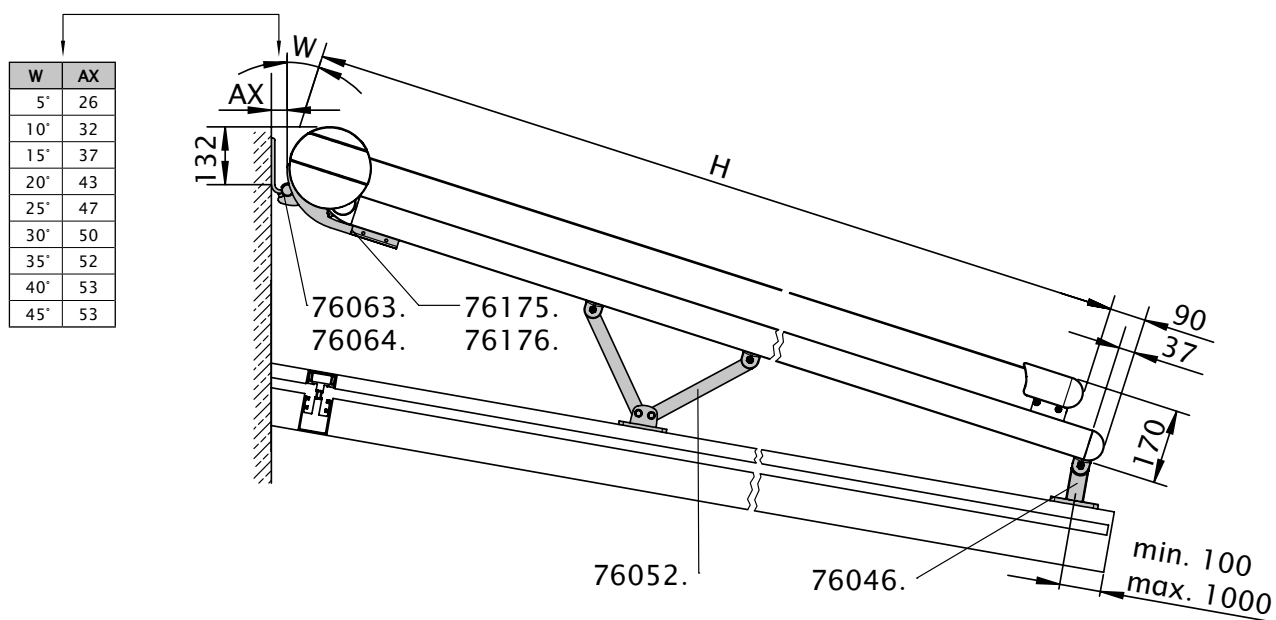
W	AX
5°	26
10°	32
15°	37
20°	43
25°	47
30°	50
35°	52
40°	53
45°	53

measurements in mm

H	=	extension
M	=	overall awning width
MA	=	fixture width = awning width between fixture points
LM	=	L dimension
RM	=	R dimension
BA	=	width between fixing points
W	=	pitch
AX	=	distance from cassette to wall
S	=	cross section
76046.	=	track bracket with adjustable head
76052.	=	vario-V bracket
76063.	=	face fixture cassette bracket, left
76064.	=	face fixture cassette bracket, right
76084.	=	raised cassette fixture bracket
76175.	=	cassette fixture bracket, left
76176.	=	cassette fixture bracket, right

Installation dimensions

Fixture type 61, raised bottom fixture

188

A

H

76071.
76072.

90

37

76046.

170

B

min. 100
max. 1000

max. 105
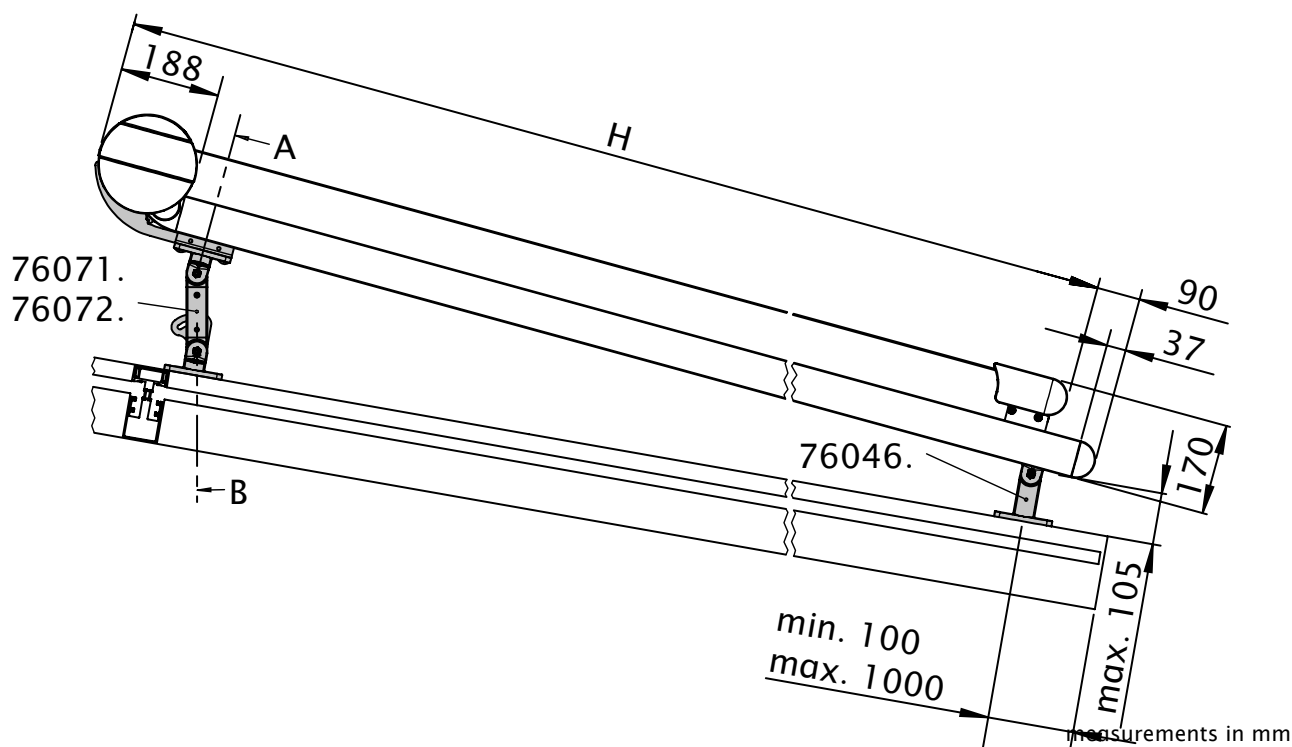
measurements in mm

Cross section A-B fixture types 61 and 81
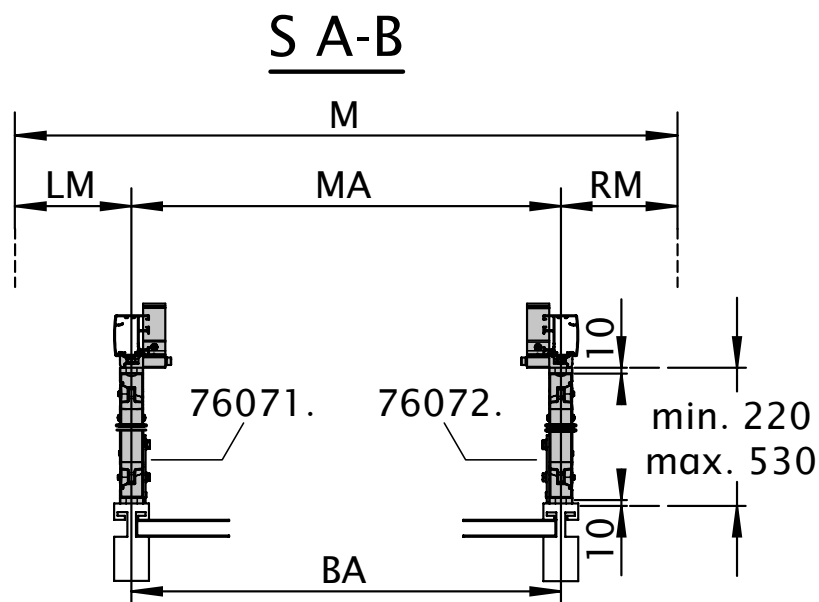
S A-B

M

LM   MA   RM

76071.   76072.

10

min. 220
max. 530

10

BA

measurements in mm

H	= extension
M	= overall awning width
MA	= fixture width = awning width between fixture points
LM	= L dimension
RM	= R dimension
BA	= width between fixing points
S	= cross section
76071.	= raised cassette bracket, left
76072.	= raised cassette bracket, right
76045.	= track bracket with adjustable head and foot
76046.	= track bracket with adjustable head

markilux collection

Specifi-
cation

markilux
1700

markilux
1700
stretch

markilux
1710

markilux
1710
stretch

markilux
8800 /
8800 zip

markilux
8850

markilux
889 /
889 zip

markilux
869 /
869 zip

markilux
pergola 110

markilux
pergola 210

markilux
syncra 2 fix
/ uno fix
with
folding-arm
Awnings

markilux
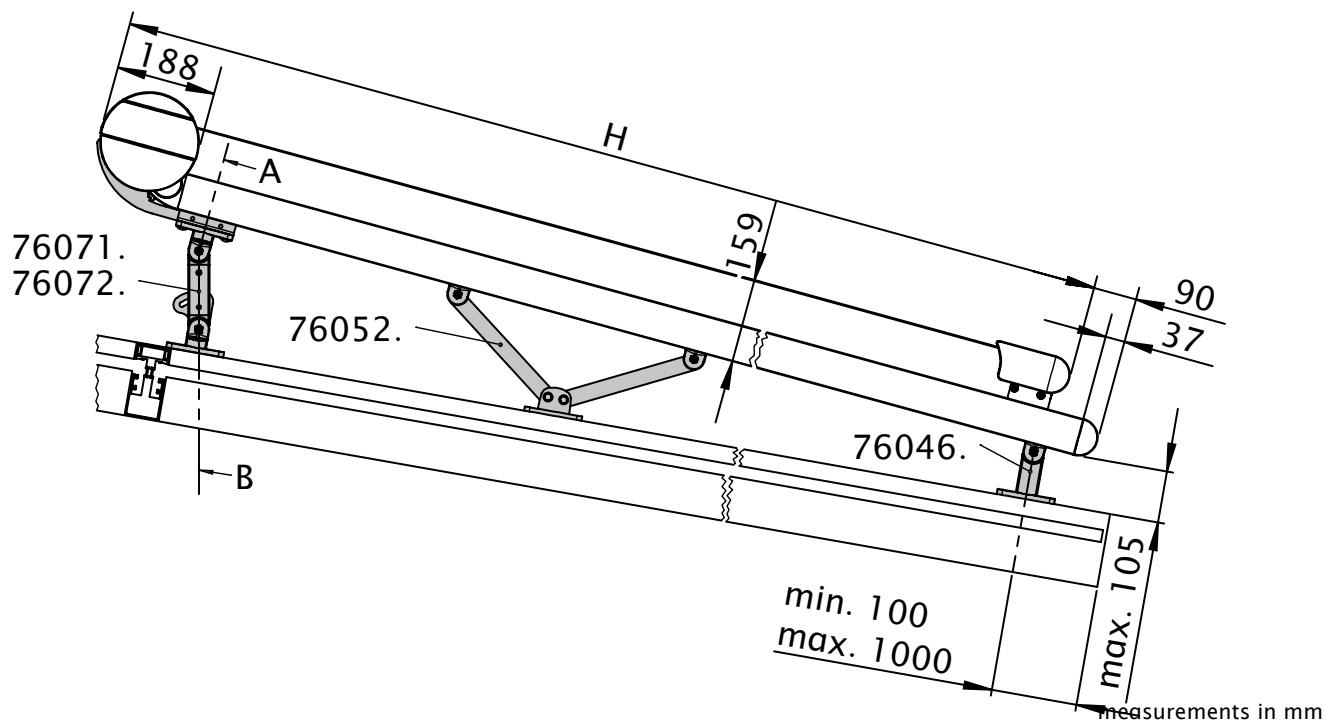syncra 2 fix
/ uno fix
with
pergola
110 / 210

Optional
Accessories
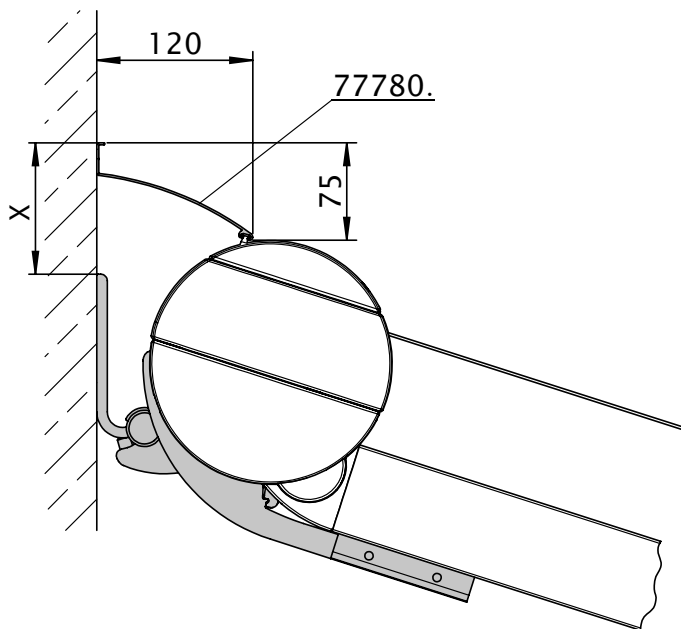
Technical
Information

Order Forms

Installation dimensions

Fixture type 81, raised bottom fixture using vario-V brackets

188

H

A

159

76071.
76072.

76052.

90

37

76046.

B

min. 100
max. 1000

max. 105

measurements in mm

Face fixture with wall sealing profile

120

77780.

75

X

W	X
5°	122
10°	114
15°	105
20°	—
25°	—
30°	—
35°	—
40°	—
45°	—

measurements in mm

W   = pitch
X   = distance between upper edge face fixture bracket and upper edge wall sealing profile
76071.   = raised cassette bracket, left
76072.   = raised cassette bracket, right
76046.   = track bracket with adjustable head
76052.   = vario-V bracket
77780.   = wall sealing profile effective up to a maximum awning pitch of 15°
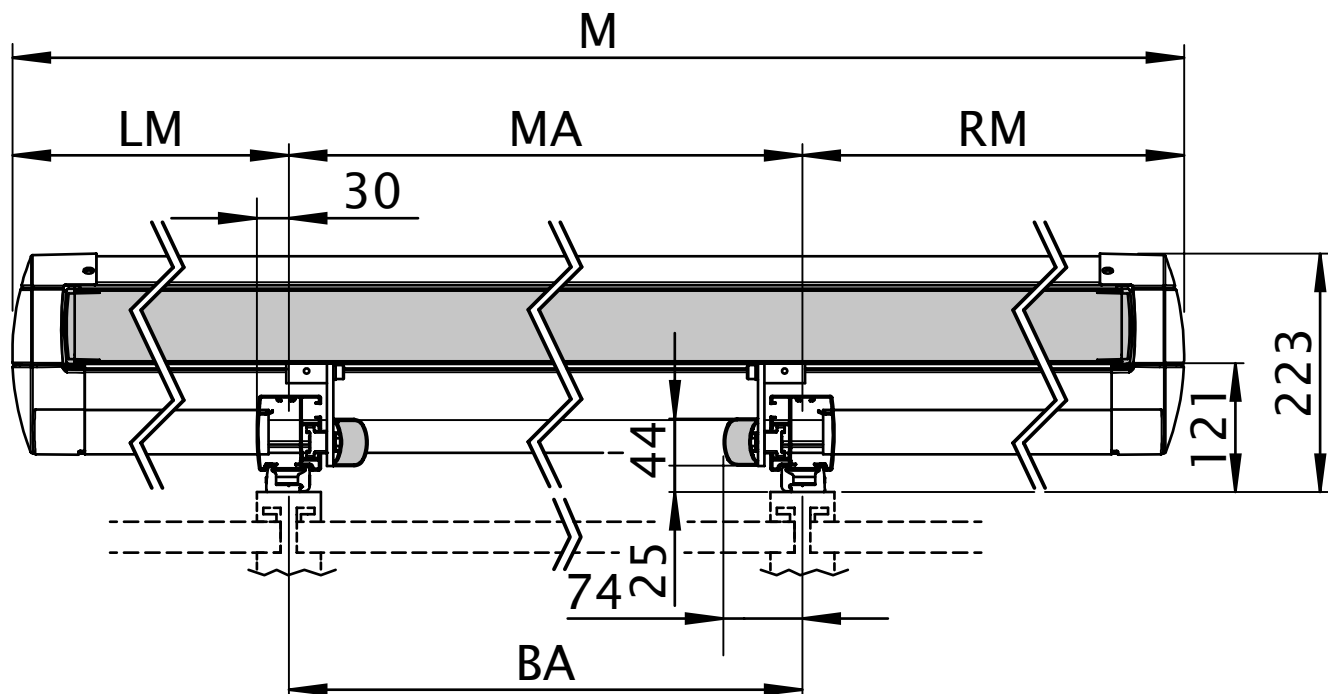
Installation dimensions

Bracket position, face fixture, fixture types 12 and 51

LM < 300   RM < 300

AU   IN   IN   AU

min. 70   min. 70

max. 250   max. 250

LM   MA   RM

M
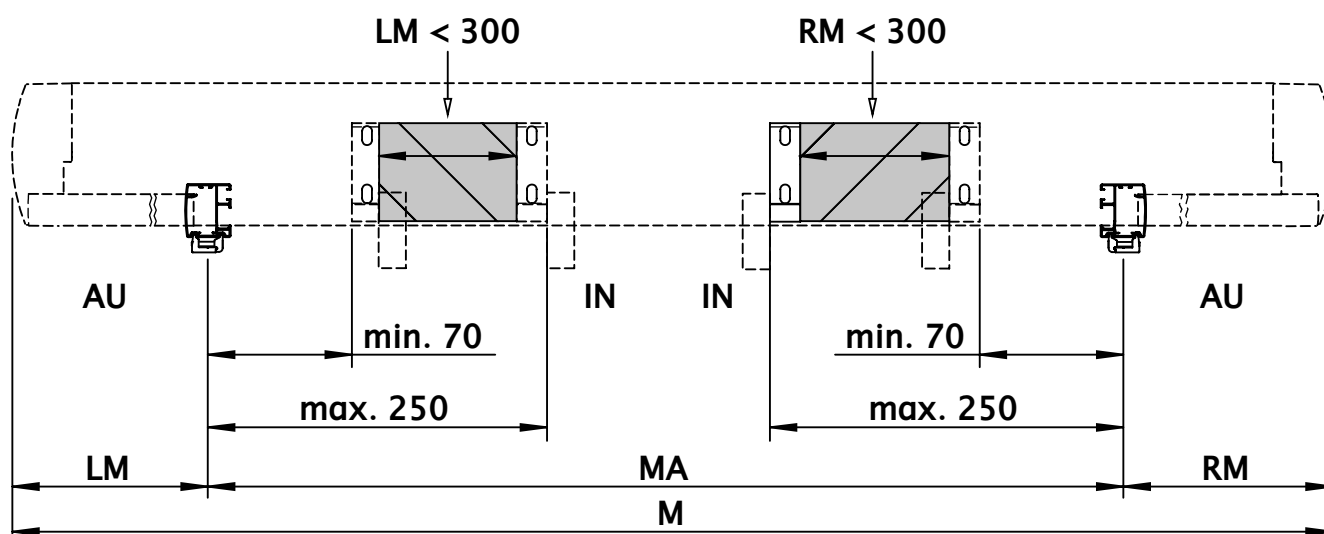
measurements in mm

Cross section through the guide track with view of the bogey and the cassette housing

M

LM   MA   RM

30

223

121

44

74   25

BA

measurements in mm

M   = overall awning width
MA   = fixture width = awning width between fixture points
LM   = L dimension
RM   = R dimension
BA   = width between fixing points
AU   = exterior
IN   = interior

137