

markilux® 8000

The Conservatory Awning with the Proven Design

The markilux® 8000 Conservatory Awning



The markilux® 8000 is available with Perfotex 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

- 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



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)



Coupled units with single track in the middle

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, Perfotex 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



The self-supporting cassette housing



The electronically switched motor is secreted inside the roller

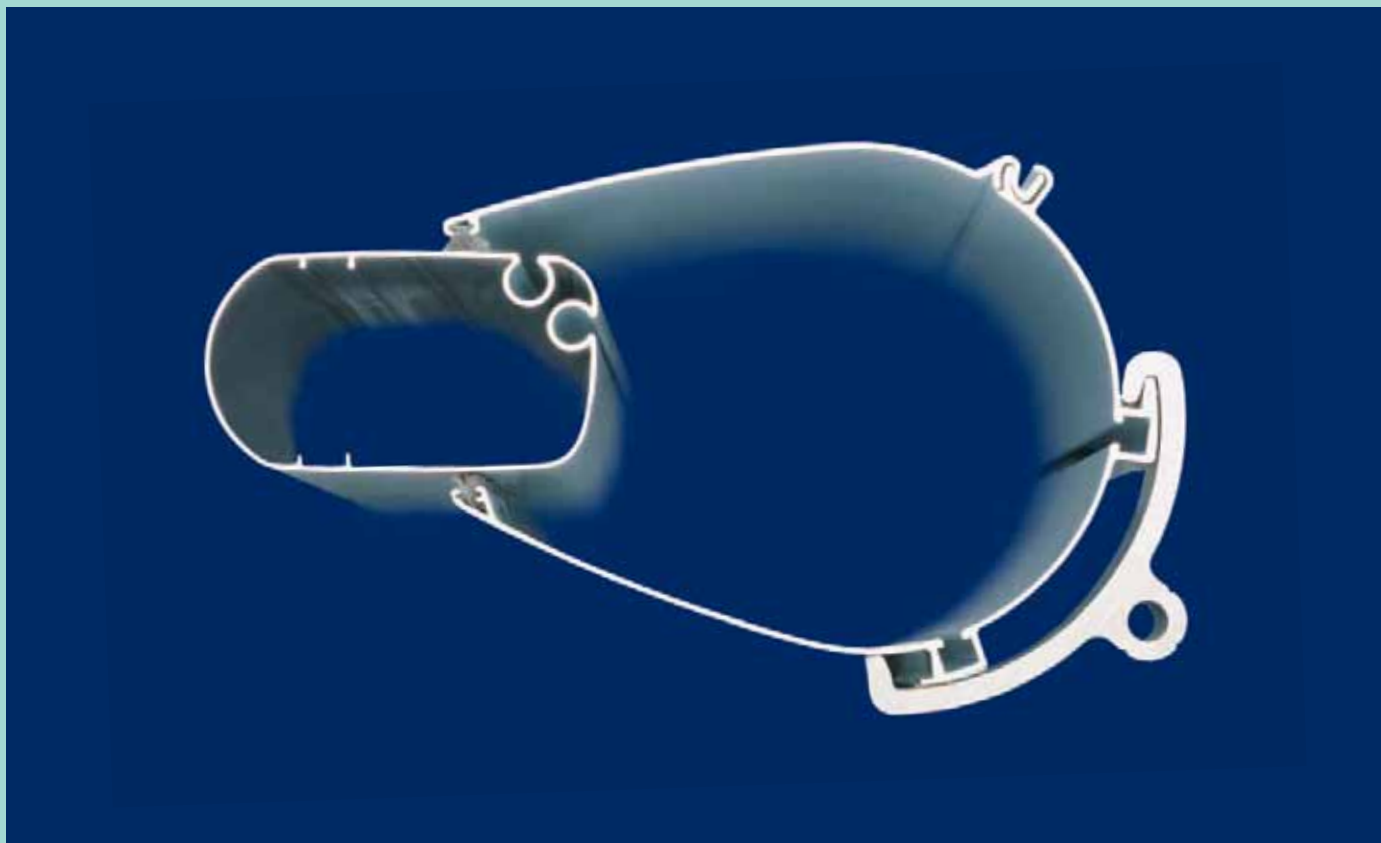


The cassette looks elegant from every angle



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



Flat to vertical shading



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

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



33 309



33 320



33 311



33 318

SOLTIS

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.

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.



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)



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33 909



33 918



33 911



33 941



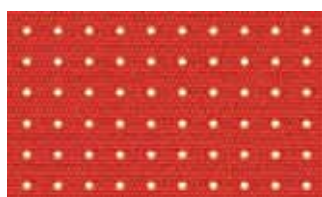
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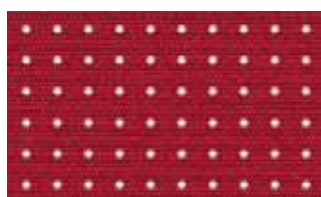
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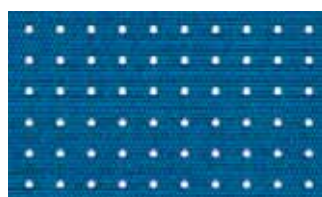
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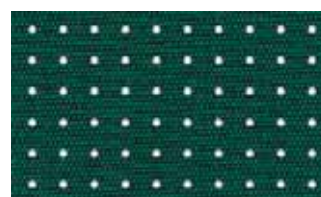
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33 956



33 925



33 913



The Conservatory Awning markilux® 8000



Single unit 1 field 1 motor													Approx. extension time in sec. 1)
Dimensions	Fixture/order width in cm.	150	200	250	300	350	400	450	500	550	600	650	Standard motor
	Overall width	158	208	258	308	358	408	458	508	558	608	658	single
	Extension 150 cm.												17
	Extension 200 cm.												22
	Extension 250 cm.												28
	Extension 300 cm.												33
	Extension 350 cm.											*	37
	Extension 400 cm.	*	*	*	*	*	*	*	*	*	*	*	42
	Extension 450 cm.	*	*	*	*	*	*	*	*	*	**	**	47
	Extension 500 cm.	*	*	*	*	*	*	*	*	**	**	**	51
	Extension 550 cm.	*	*	*	*	*	*	*	**	**	**	-	55
	Extension 600 cm.	*	*	*	*	*	*	**	**	**	**	-	59
	Extension 650 cm.	*	*	*	*	*	*	**	**	**	-	-	64
	Extension 700 cm.	**	**	**	**	**	**	**	**	-	-	-	68
													17 r.p.m. 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)

An additional track support is required from an extension of 401 cm
The cassette requires additional support in the middle from a width of 451 cm.

N.B.

• = 1 cover support tube

** = 2 cover support tubes

Available Accessories

Motor drive	<input checked="" type="checkbox"/>
Wall sealing profile (up to a pitch of 25°)	<input checked="" type="checkbox"/>
Frame powder coated as standard in colour *	<input checked="" type="checkbox"/>
Perfotex fabric (panels 60 cm wide)	<input checked="" type="checkbox"/>
swela transolair (panels 82 cm wide)	<input checked="" type="checkbox"/>
Soltis 92 (panels 88.5 cm wide)	<input checked="" type="checkbox"/>
Cover made of a brand name of acrylic material or sunsilk (panels 60 cm wide)	<input checked="" type="checkbox"/> 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.

Availability and lead times on request.

The smallest possible fixture widths (in mm.)

Extension	0-1500	0-3000	0-5500	0-7000	0-4000	4010-7000
Smallest fixt. width	740	790	1120	1220	1220	1490

Motor drive

with electronic torque reduction when being retracted

Motor for single units	782681
Motor for coupled units	782691

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.)

Overall width of the awning	Standard widths	Intermediate widths
	Motor	Motor
Tolerances in the width	+ 0 / - 20	+ 0 / - 20
Tolerances in the extension	+ 40 / - 40	+ 40 / - 40

Awning cover sizes: (in mm.)

	Standard widths	Intermediate widths
	Motor	Motor
Cover width = (deduct from awning width)	90	90
Cover length = (add to awning extension)	v. table	v. table

Awning cover tolerances: (in mm.)

(Tolerances in the width and length of the cover)	From	To	Tolerances
	0	2000	+ 5 / - 5
	2010	4000	+ 8 / - 8
	4010	6000	+ 12 / - 12
	6010	7000	+ 15 / - 15

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. 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. 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. 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.** Please 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 markilux® 8000 Conservatory Awning



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

Single unit 2 fields 1 motor (for the maximum field size viz. single units)																			Approx. extension time in sec. ¹⁾
Fixture/order width in cm	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	Standard motor
Overall width	458	508	558	608	658	708	758	808	858	908	958	1008	1058	1108	1158	1208	1258	1308	for single unit
Extension 150 cm.																			26
Extension 200 cm.																			33
Extension 250 cm.																			41
Extension 300 cm.																			48
Extension 350 cm.																	*	*	56
Extension 400 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	64
Extension 450 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	71
Extension 500 cm.	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	79
Extension 550 cm.	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	-	-	86
Extension 600 cm.	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	-	-	92
Extension 650 cm.	*	*	*	*	*	*	*	*	**	**	**	**	**	**	-	-	-	-	98
Extension 700 cm.	**	**	**	**	**	**	**	**	**	**	**	**	-	-	-	-	-	-	103
																			11 rpm ²⁾

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

Coupled unit 2 fields 2 motors (for the maximum field size viz. single units)																		Approx. extension time in sec. ¹⁾	
Fixture/order width in cm	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	Standard motor
Overall width	458	508	558	608	658	708	758	808	858	908	958	1008	1058	1108	1158	1208	1258	1308	for coupled unit
Extension 150 cm.																			26
Extension 200 cm.																			33
Extension 250 cm.																			41
Extension 300 cm.																			48
Extension 350 cm.																	*	*	56
Extension 400 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	64
Extension 450 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	71
Extension 500 cm.	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	79
Extension 550 cm.	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	-	-	86
Extension 600 cm.	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	-	-	92
Extension 650 cm.	*	*	*	*	*	*	*	*	**	**	**	**	**	**	-	-	-	-	98
Extension 700 cm.	**	**	**	**	**	**	**	**	**	**	**	**	-	-	-	-	-	-	103
																			11 rpm ²⁾

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

Coupled unit 3 fields 2 motors (motors can be operated seperately) (for the maximum field size viz. single units)																													Approx. extension time in sec. ¹⁾		
Fixture/order width in cm	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	Standard motor		
Overall width	608	658	708	758	808	858	908	958	1008	1058	1108	1158	1208	1258	1308	1358	1408	1458	1508	1558	1608	1658	1708	1758	1808	1858	1908	1958	for coupled unit		
Extension 150 cm.																													26		
Extension 200 cm.																													33		
Extension 250 cm.																													41		
Extension 300 cm.																													48		
Extension 350 cm.																											*	*	*	56	
Extension 400 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	64	
Extension 450 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	71	
Extension 500 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	**	**	79	
Extension 550 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	**	**	**	-	-	-	86
Extension 600 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	**	**	**	**	**	**	-	-	-	92
Extension 650 cm.	*	*	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	**	**	-	-	-	-	-	-	98	
Extension 700 cm.	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	-	-	-	-	-	-	-	-	-	-	103	
																													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

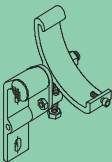
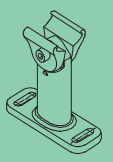
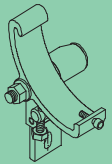
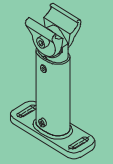
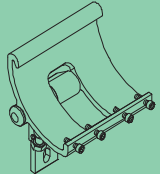
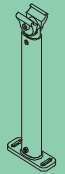

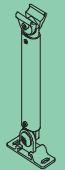
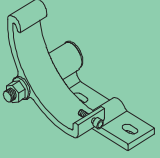
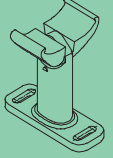

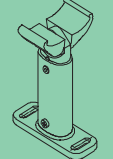



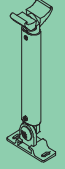

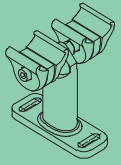
Whether a cover support tube is required in the case of coupled awnings depends on the individual field size. This table has assumed equal field sizes. If a coupled unit of unequal field size is ordered, for which a cover support tube is required on the larger awning, then – if only for aesthetic reasons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



Part	Description	Order No.	Part	Description	Order No.
	face fixture bracket assembly lefthand	78117.		track bracket assembly with swivel head 100 mm.	78081.
	face fixture bracket assembly righthand	78118.		track bracket assembly with swivel head 140 mm.	78105.
	face fixture cassette coupling bracket assembly	78330.		track bracket assembly with swivel head 100-500 mm.	78082.
	bottom fixture bracket assembly lefthand	78121.		track bracket assembly with swivel head and foot 200-500 mm.	78083.
	bottom fixture bracket assembly righthand	78122.		coupling track bracket assembly with swivel head 100 mm.	78086.
	bottom fixture cassette coupling bracket assembly	78329.		coupling track bracket assembly with swivel head 140 mm	78107.
	raised cassette bracket assembly lefthand	78125.		coupling track bracket assembly with swivel head 100-500 mm	78087.
	raised cassette bracket assembly righthand	78126.		coupling track bracket assembly with swivel head and foot 200-500 mm.	78088.
	raised cassette bracket assembly for coupling point	78332.		double track bracket assembly with swivel head 100 mm.	78094.

. = insert RAL colour code no.

The markilux® 8000 Conservatory Awning

Fixtures and accessories





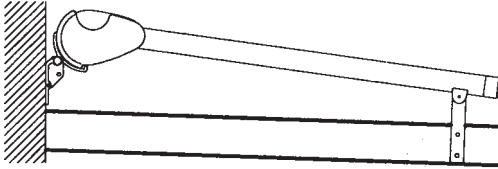

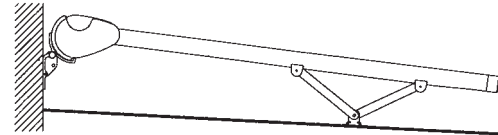
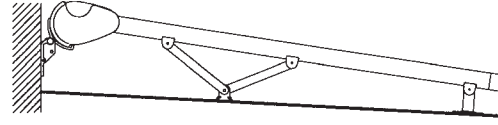
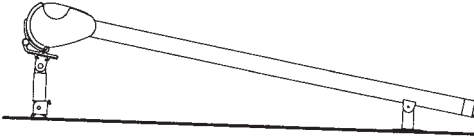

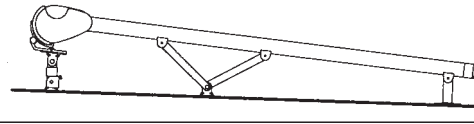



Part	Description	Order No.	Part	Description	Order No.
	double track bracket assembly with swivel head 100-500 mm.	78095.		universal track bracket assembly 100 mm.	78247.
	coupling track bracket assembly with swivel head and foot 200-500 mm.	78096.		universal track bracket assembly 140-500 mm.	78251.
	track bracket assembly for track fixture rigid	78113.		track bracket assembly for transom fixture 100 mm.	78162.
	coupling track bracket assembly for track fixture rigid	78115.		track bracket assembly with adjustable plate	78161.
	rigid cassette coupling bracket assembly for track fixture	78333.		adjustable plate for track bracket assembly	78165.
	flat bracket assembly for lateral fixture with swivel head	78085.		bracket assembly for sun/wind/rain sensor	78171.
	vario-V bracket assembly for track fixture	78084.		78252.	track fixture profile by the metre
	vario-V bracket assembly for coupling track fixture	78089.			
	cassette support assembly	78145.			

. = insert RAL colour code no.

Fixture Combinations for the markilux® 8000

All fixture combinations incur a surcharge.

11	*		
12			only up to an extension of 400 cm. thereafter fixture method 51
14	*		
21	*		
22	*		
31	** *		An additional cassette support is required from a field width of 451 cm.
41	*		
51	*		only from an extension of 401 cm.
61	* •		
71	* •		
81	* •		only from an extension of 401 cm.
91	*		
00		Individual bracket combinations – 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.	

* = 2 fixtures per track from an extension of 401 cm.

** = 3 fixtures per track from an extension of 401 cm.

• = diagonal tensioners are recommended

The Conservatory Awning markilux® 8000 with Curved Front



Single unit 1 field 1 motor							Approx. extension time in sec. ¹⁾
Fixture/order width in cm.	150	200	250	300	350	400	Standard motor
Overall width	158	208	258	308	358	408	single
Extension 150 cm.							26
Extension 200 cm.							33
Extension 250 cm.							41
Extension 300 cm.							48
Extension 350 cm.							56
Extension 400 cm.							64
Extension 450 cm.							71
Extension 500 cm.							79
Extension 550 cm.							86
Extension 600 cm.							92
Extension 650 cm.							98
Extension 700 cm.							103
							11 r.p.m. ²⁾

Dimensions

- 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)

Available Accessories	Motor drive	<input checked="" type="checkbox"/>	The smallest possible fixture widths (in mm.)				SOLTIS 92		
			Extension	0-1500	0-3000	0-5500	0-7000	0-4000	4010-7000
			Smallest fixt. width	740	790	1120	1220	1220	1490
	Wall sealing profile (up to a pitch of 25°)	<input checked="" type="checkbox"/>	Motor drive						
			with electronic torque reduction when being retracted						
			Best.-Nr.						
			Motor for single units						
		Motor for coupled units							
	Frame polyester powder coated as standard in colour *	<input checked="" type="checkbox"/>	Radio-controlled motor operation						
	Perfortex fabric (panels 60 cm wide)	<input checked="" type="checkbox"/>	Radio-controlled motor for single unit						
			783641						
			Radio-controlled motor for coupled unit						
			783651						
			External radio receiver for standard motors						
			783681						
	swela transolair (panels 82 cm wide)	<input checked="" type="checkbox"/>	Possible dimensional variations: (in mm.)						
			Overall width of the awning	Standard widths		Intermediate widths			
				Motor		Motor			
			Tolerances in the width	+0 / -20		+0 / -20			
			Tolerances in the extension	+40 / -40		+40 / -40			
	Soltis 92 (panels 88.5 cm wide)	<input checked="" type="checkbox"/>	Awning cover sizes: (in mm.)						
				Standard widths		Intermediate widths			
				Motor		Motor			
			Cover width = (deduct from awning width)	90		90			
			Cover length = (add to awning extension)	v. table		v. table			
	Cover made of a brand name of acrylic material or sunsilk (panels 60 cm wide)	<input checked="" type="checkbox"/>	Awning cover tolerances: (in mm.)						
			(Tolerances in the width and length of the cover)	From	To	Tolerances			
				0	2000	+5 / -5			
				2010	4000	+8 / -8			
				4010	6000	+12 / -12			
				6010	7000	+15 / -15			
	Not available: manual operation, PVC fabrics (ERA, Mehler etc.), screen fabrics								
	* white RAL 9016, brown RAL 8019 Other RAL colours are possible. Availability and lead times on request.								

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. 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.** Please consult the special notes contained in the general information/markilux® fabric collections. We reserve the right to make alterations without giving prior notice.

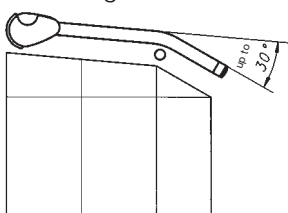
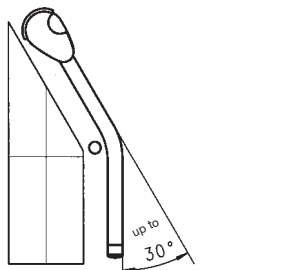
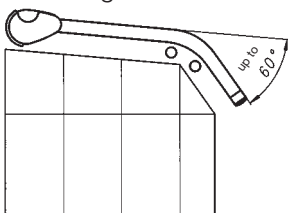
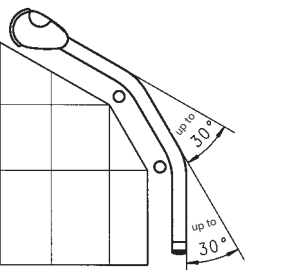
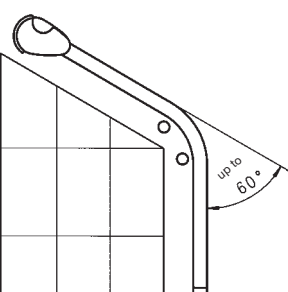
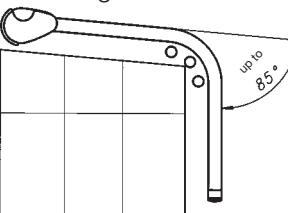
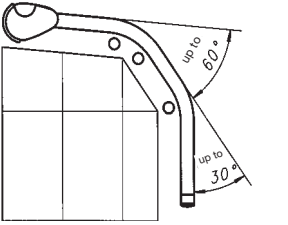
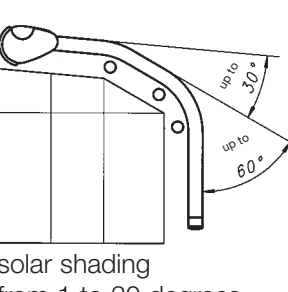
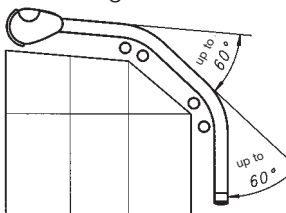
The Conservatory awning markilux® 8000 with Curved Front



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.
- We shall make a production drawing on the basis of your order form and fax it back to you.
- 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.

markilux 8000 1 relieving roller  solar shading from 1 to 30 degrees 1 curve  vertical shading from 1 to 30 degrees 1 curve	markilux 8000 2 relieving rollers  solar shading from 31 to 60 degrees 1 curve  solar shading from 1 to 30 degrees vertical shading from 1 to 30 degrees 2 curves  vertical shading from 31 to 60 degrees 1 curve	markilux 8000 3 relieving rollers  vertical shading from 61 to 85 degrees 1 curve  solar shading from 31 to 60 degrees vertical shading from 1 to 30 degrees 2 curves  solar shading from 1 to 30 degrees vertical shading from 31 to 60 degrees 2 curves	markilux 8000 4 relieving rollers  solar shading from 31 to 60 degrees vertical shading from 31 to 60 degrees 2 curves
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

markilux 8000 order nos. and reference types	1 curve 1 field 1 motor	2 curves 1 field 1 motor	1 curve 2 fields 1 motor	2 curves 2 fields 1 motor	1 curve 2 fields 2 motors	2 curves 2 fields 2 motors	1 curve 3 fields 2 motors	2 curves 3 fields 2 motors
1 relieving roller	8000-1-1-1-1		8000-1-2-1-1		8000-1-2-2-1		8000-1-3-2-1	
2 relieving rollers	8000-1-1-1-2	8000-2-1-1-2	8000-1-2-1-2	8000-2-2-1-2	8000-1-2-2-2	8000-2-2-2-2	8000-1-3-2-2	8000-2-3-2-2
3 relieving rollers	8000-1-1-1-3	8000-2-1-1-3	8000-1-2-1-3	8000-2-2-1-3	8000-1-2-2-3	8000-2-2-2-3	8000-1-3-2-3	8000-2-3-2-3
4 relieving rollers		8000-2-1-1-4		8000-2-2-1-4		8000-2-2-2-4		8000-2-3-2-4

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**

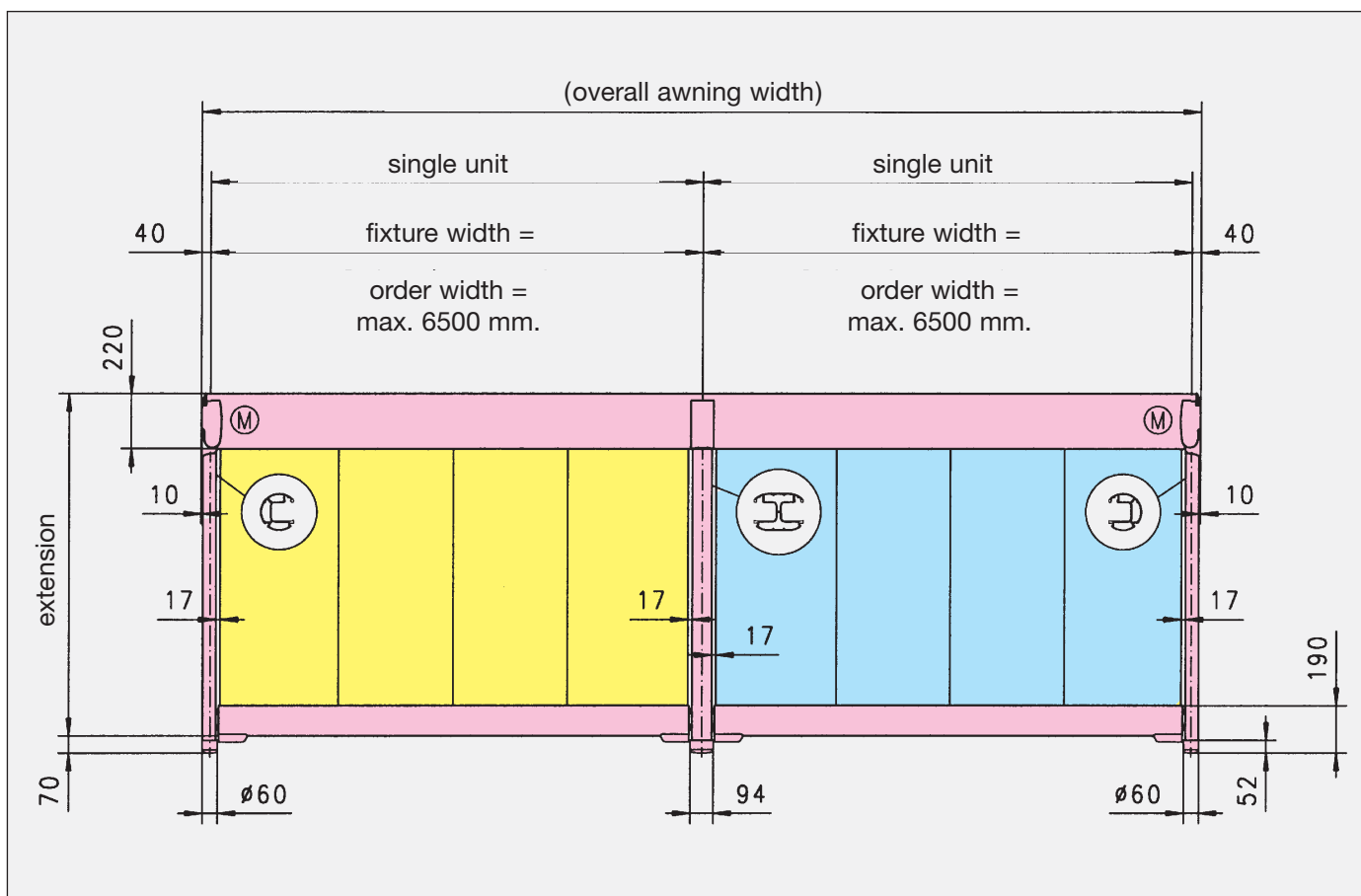
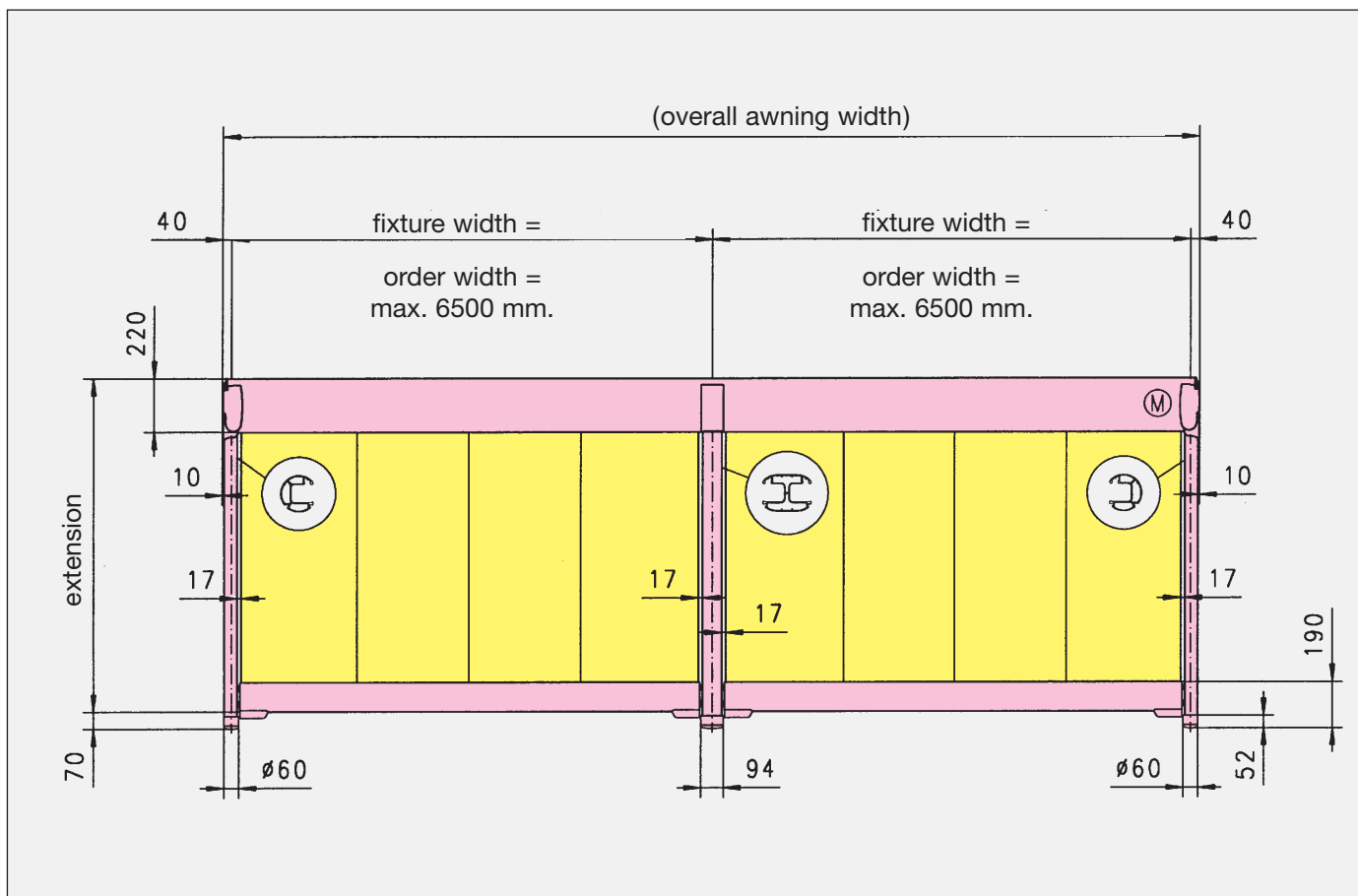
Basic model	curves	field(s)	motor(s)	relieving roller(s)
markilux 8000	1	2	1	2

(Measurements may vary slightly.)

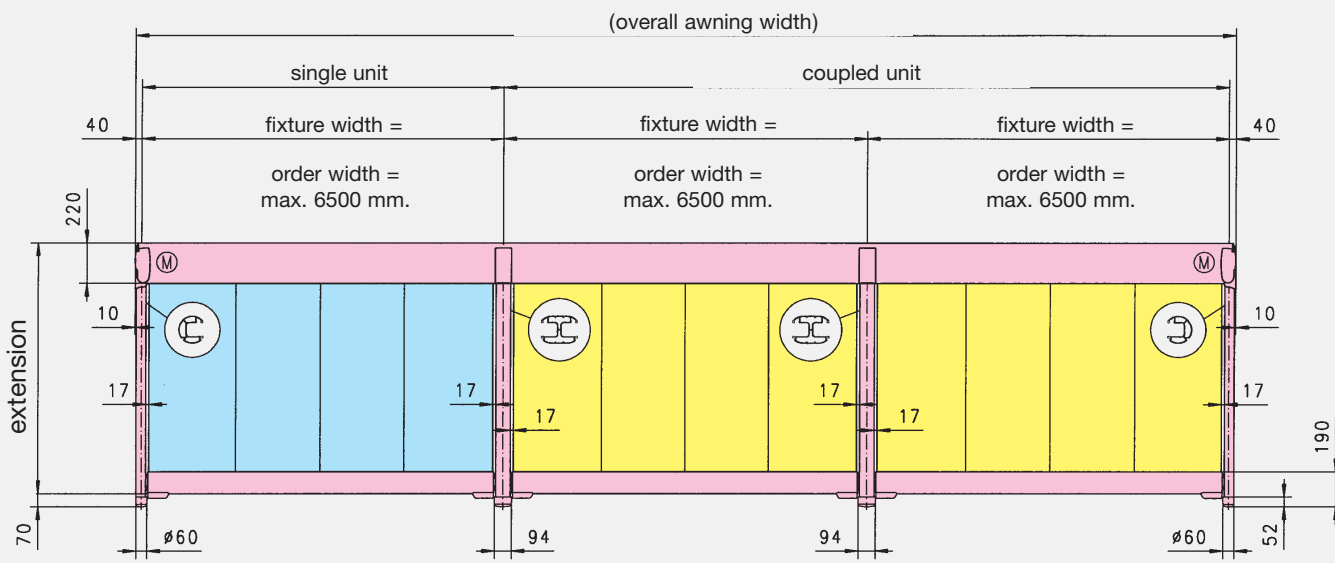


Important measurements for fitting the conservatory awning markilux® 8000

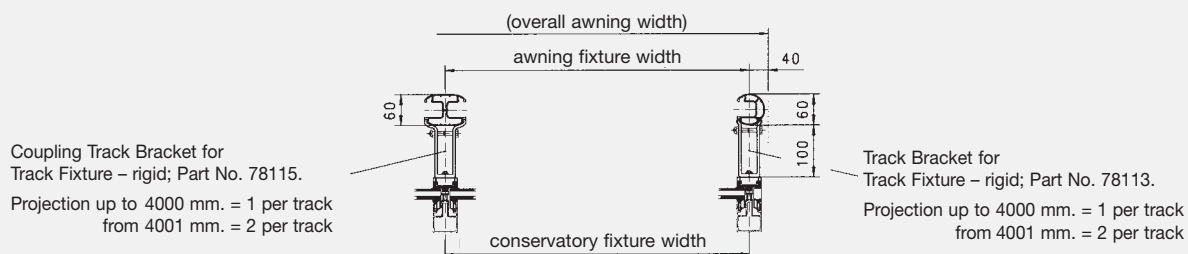
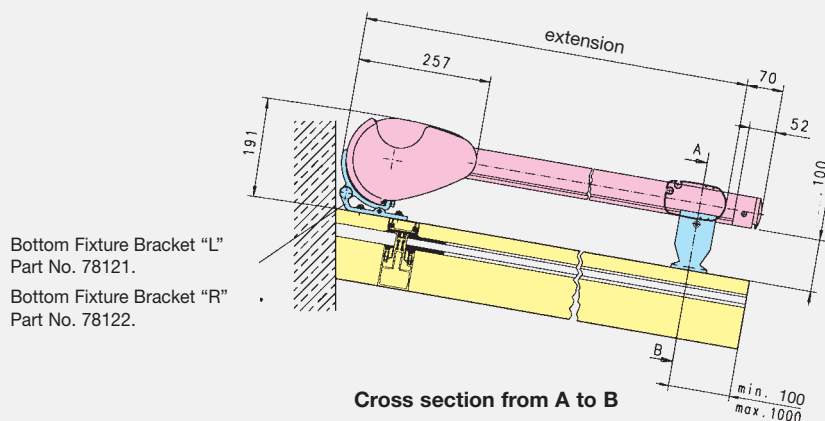
(Measurements may vary slightly.)



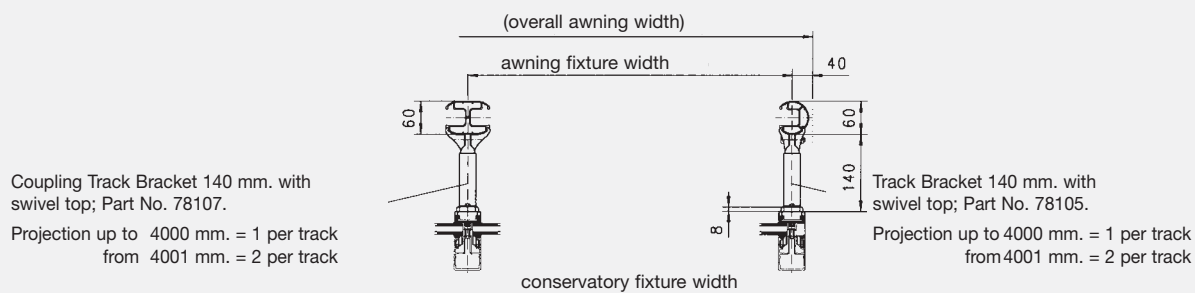
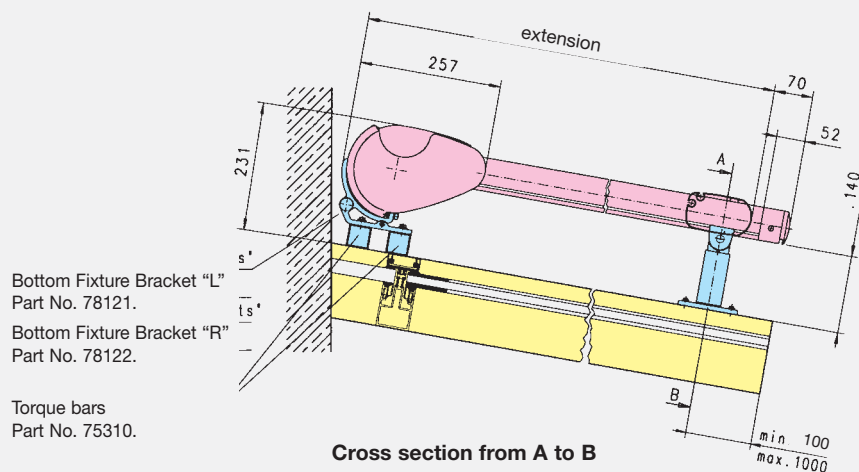
(Measurements may vary slightly.)



How to fit the markilux® 8000:

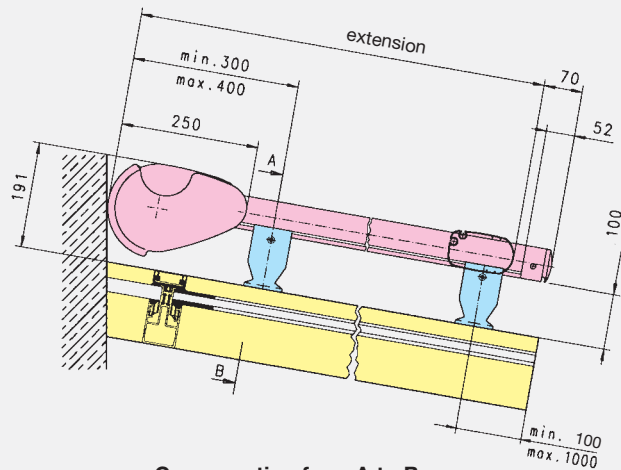


Fixture Method 11, Bottom fixture



Fixture Method 91, Bottom fixture on torque bars

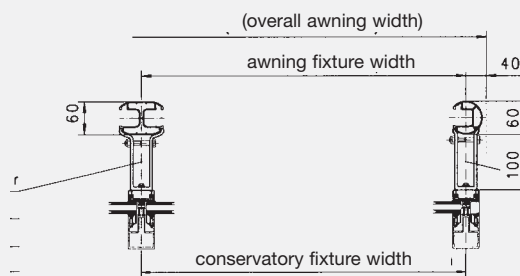
How to fit the markilux® 8000:



Cross section from A to B

Coupling Track Bracket for
Track Fixture – rigid; Part No. 78115.

Projection up to 4000 mm. = 2 per track
from 4001 mm. = 3 per track

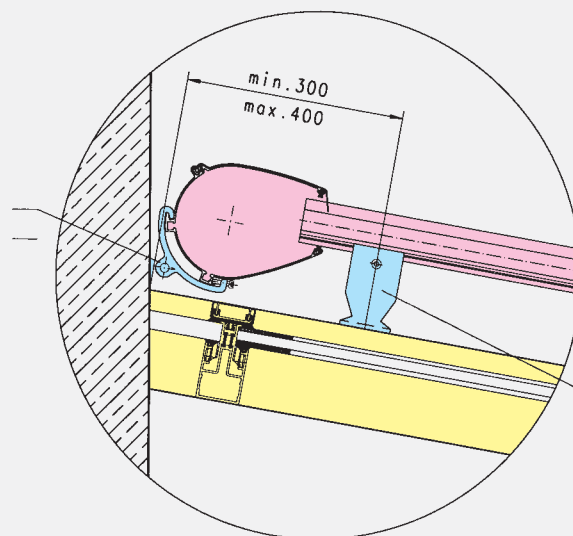


Track Bracket for
Frame Fixture – rigid; Part No. 78113.

Projection up to 4000 mm. = 2 per track
from 4001 mm. = 3 per track

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

Bottom Fixture Coupling Bracket
8000
Part No. 78333.



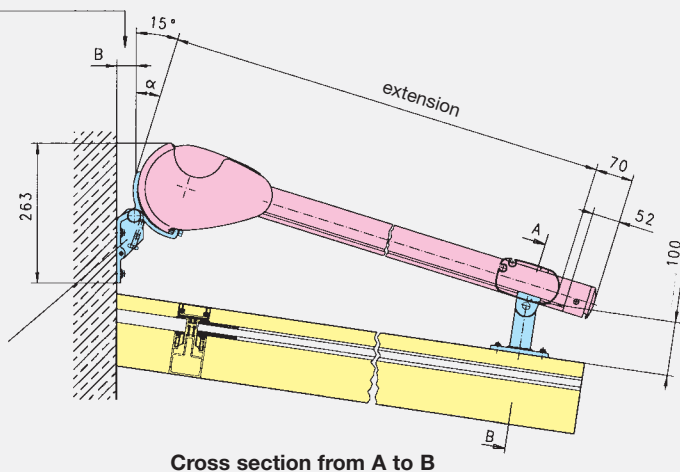
Track Bracket for Track Fixture
Part No. 78113.

Track Fixture for 2 Fields with Coupling Bracket

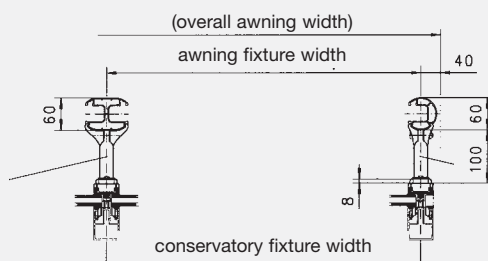
How to fit the markilux® 8000:

Pitch α	Gap B
5°	22
10°	22
15°	32
20°	36
25°	40
30°	43
35°	45
40°	46
45°	47

Face Fixture Bracket "L"
Part No. 78117.
Face Fixture Bracket "R"
Part No. 78118.



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

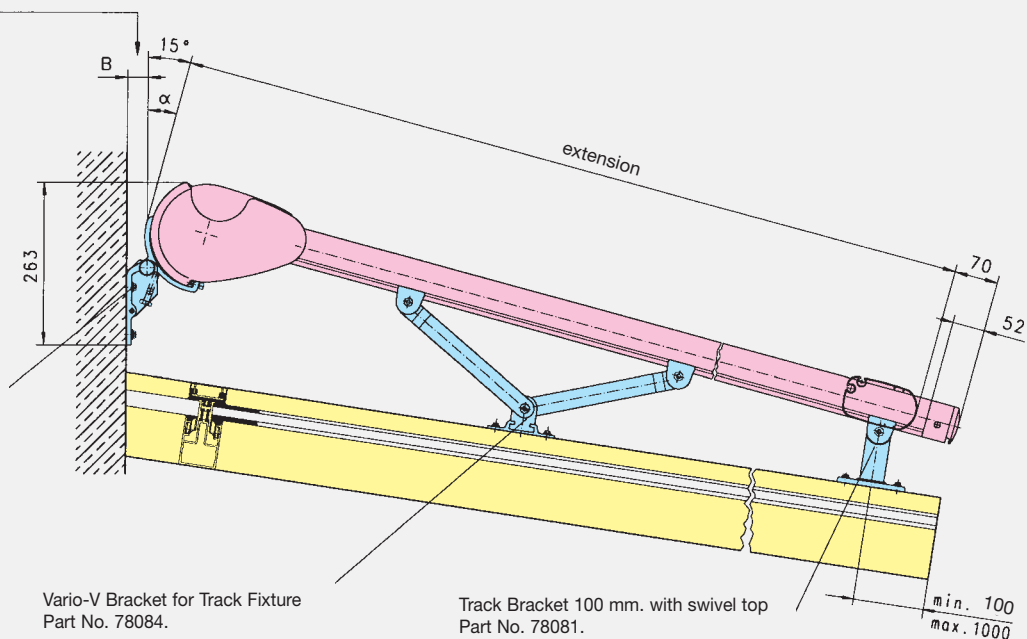


Track Bracket 100 mm. with
swivel top; Part No. 78081.
Projection up to 4000 mm. = 1 per track
from 4001 mm. = 2 per track

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

Pitch α	Gap B
5°	22
10°	22
15°	32
20°	36
25°	40
30°	43
35°	45
40°	46
45°	47

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.

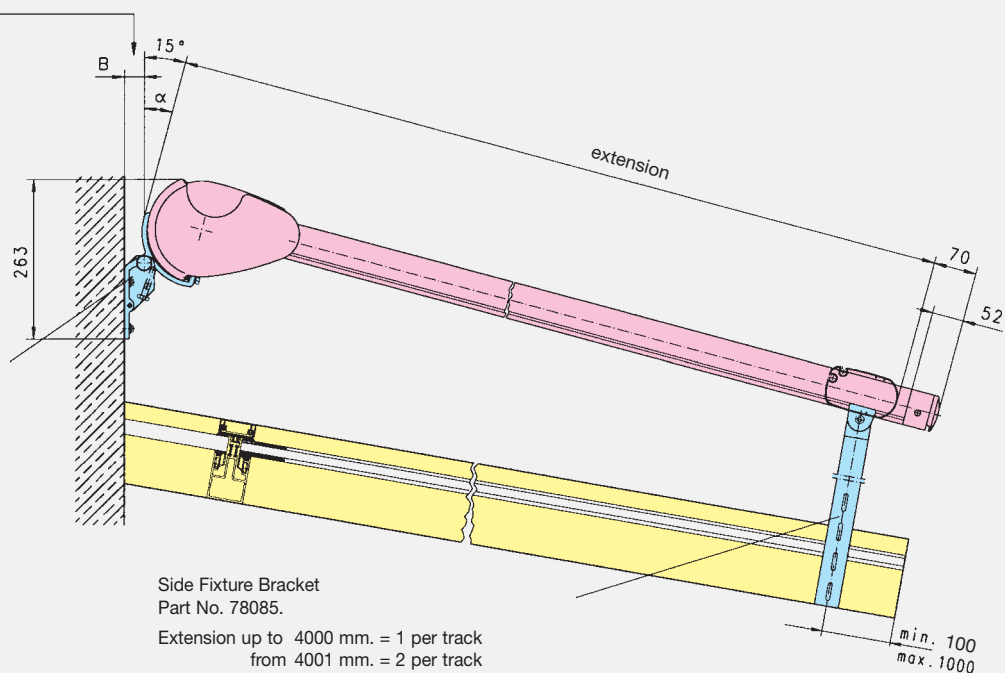
Fixture Method 51; Face fixture from an extension of 4001 mm. using vario-V brackets

How to fit the markilux® 8000:

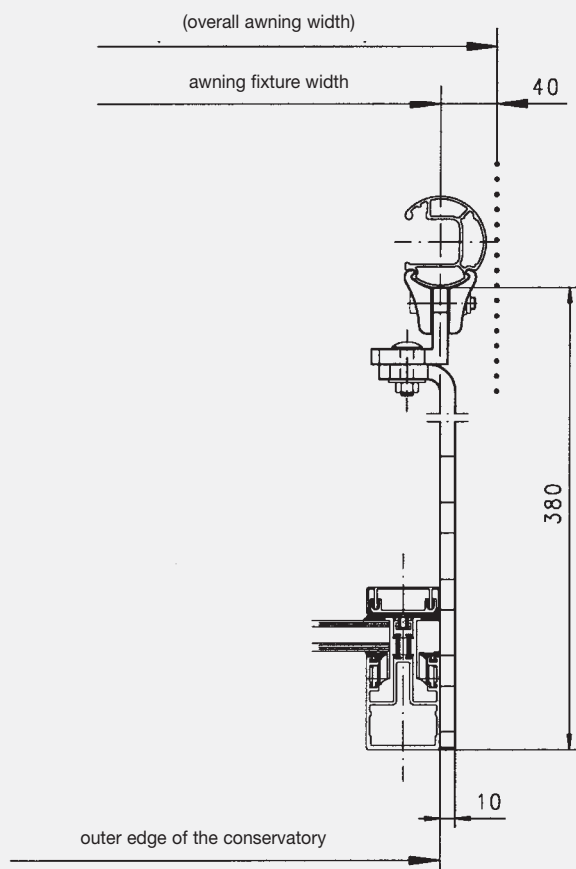
Pitch α	Gap B
5°	22
10°	22
15°	32
20°	36
25°	40
30°	43
35°	45
40°	46
45°	47

Face Fixture Bracket "L"
Part No. 78117.

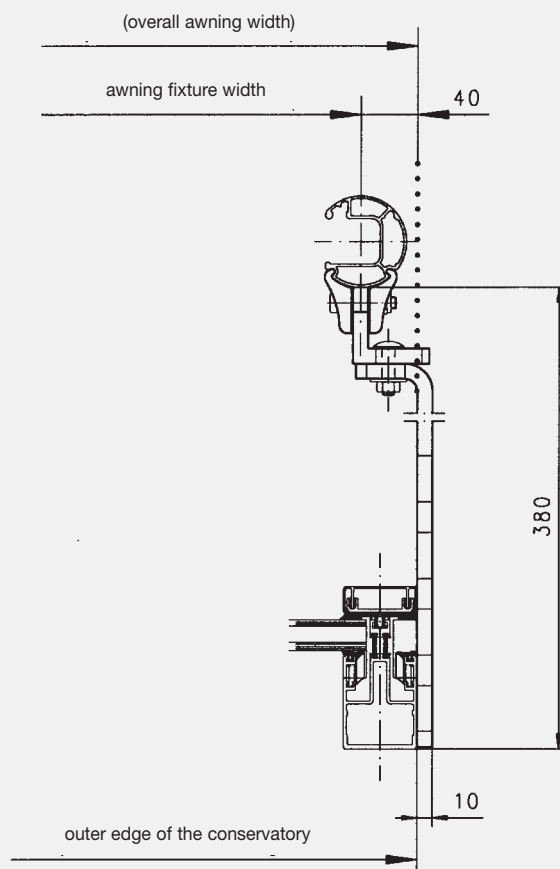
Face Fixture Bracket "R"
Part No. 78118.



Option 1



Option 2



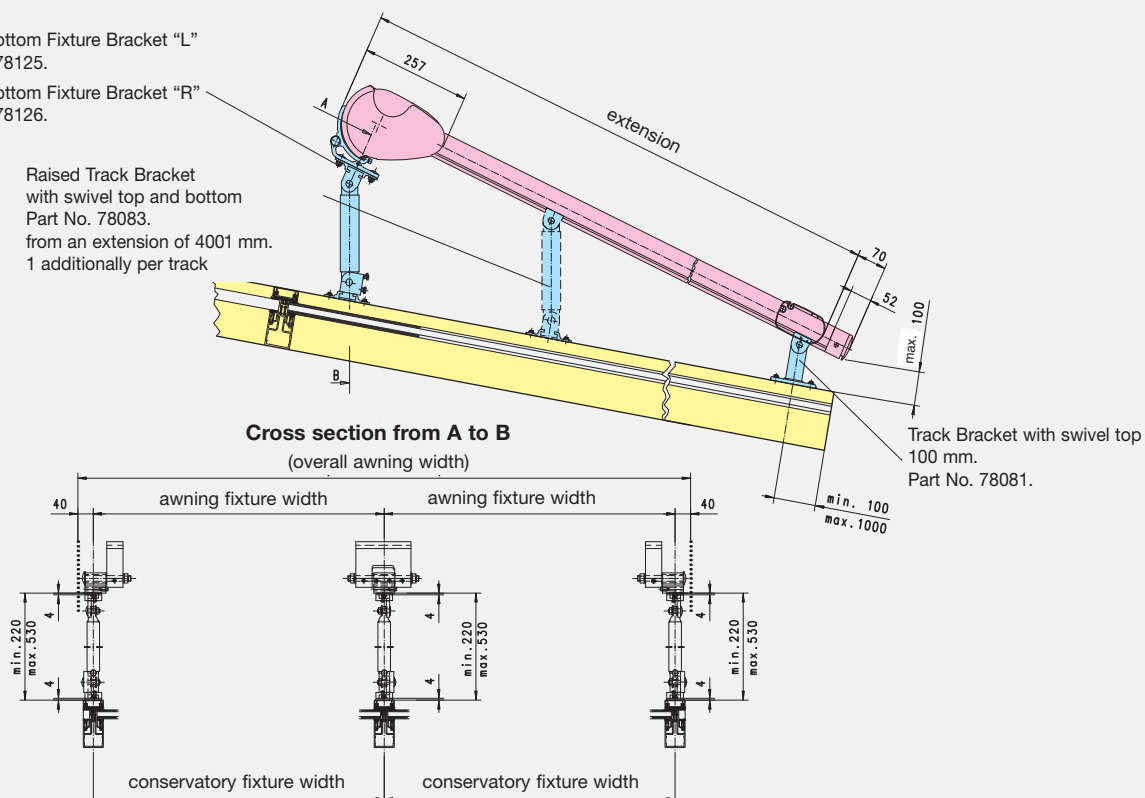
Fixture Method 22, Face fixture using side fixture brackets

How to fit the markilux® 8000:

Raised Bottom Fixture Bracket "L"
Part No. 78125.

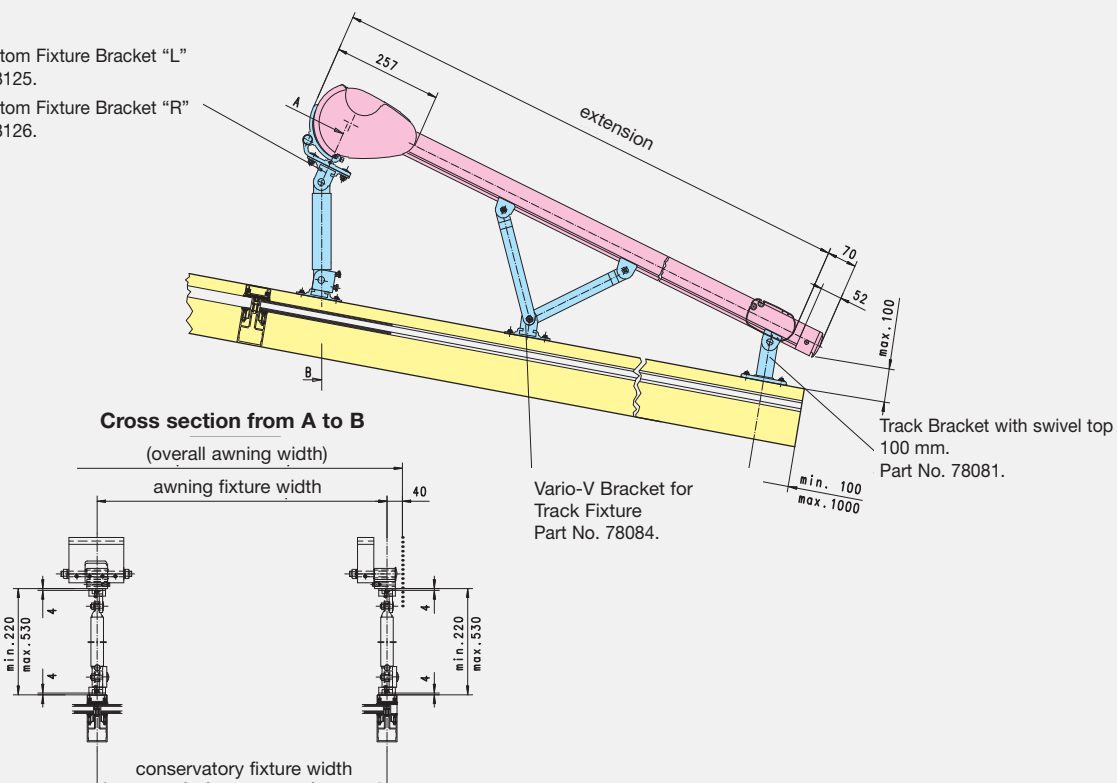
Raised Bottom Fixture Bracket "R"
Part No. 78126.

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



Raised Bottom Fixture Bracket "L"
Part No. 78125.

Raised Bottom Fixture Bracket "R"
Part No. 78126.



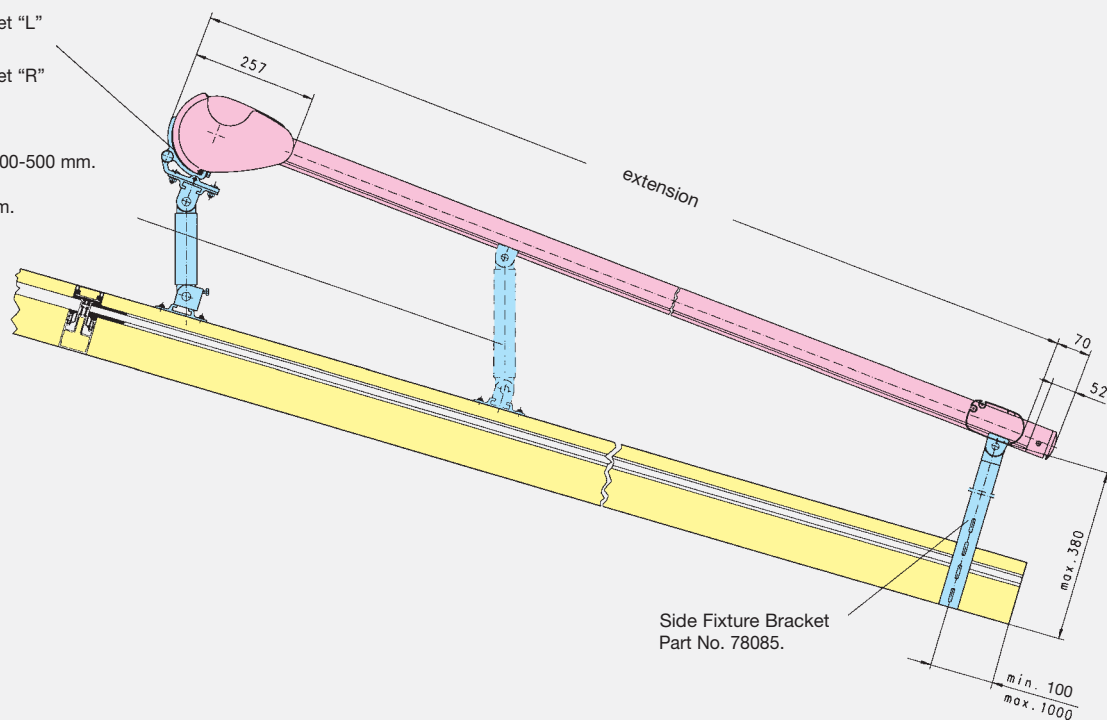
Fixture Method 81; Raised bottom fixture for extensions greater than 4000 mm. using vario-V brackets

How to fit the markilux® 8000:

Raised Bottom Fixture Bracket "L"
Part No. 78125.

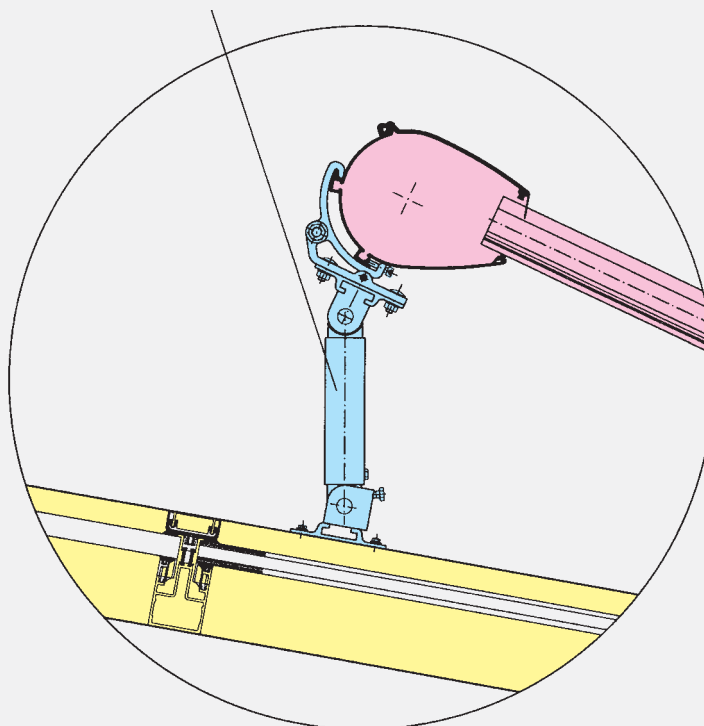
Raised Bottom Fixture Bracket "R"
Part No. 78126.

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



Combined Fixture Method

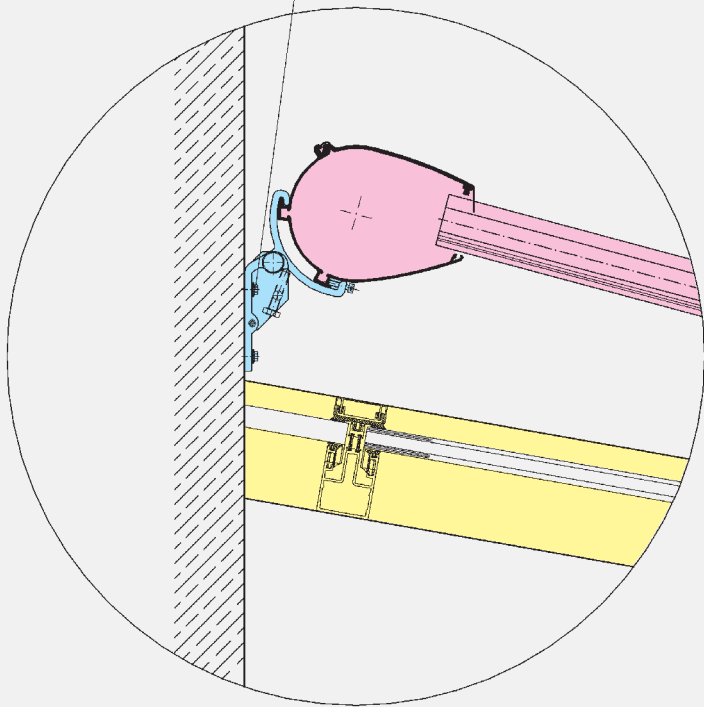
Raised Bracket for Coupled Cassette
Part No. 78332.



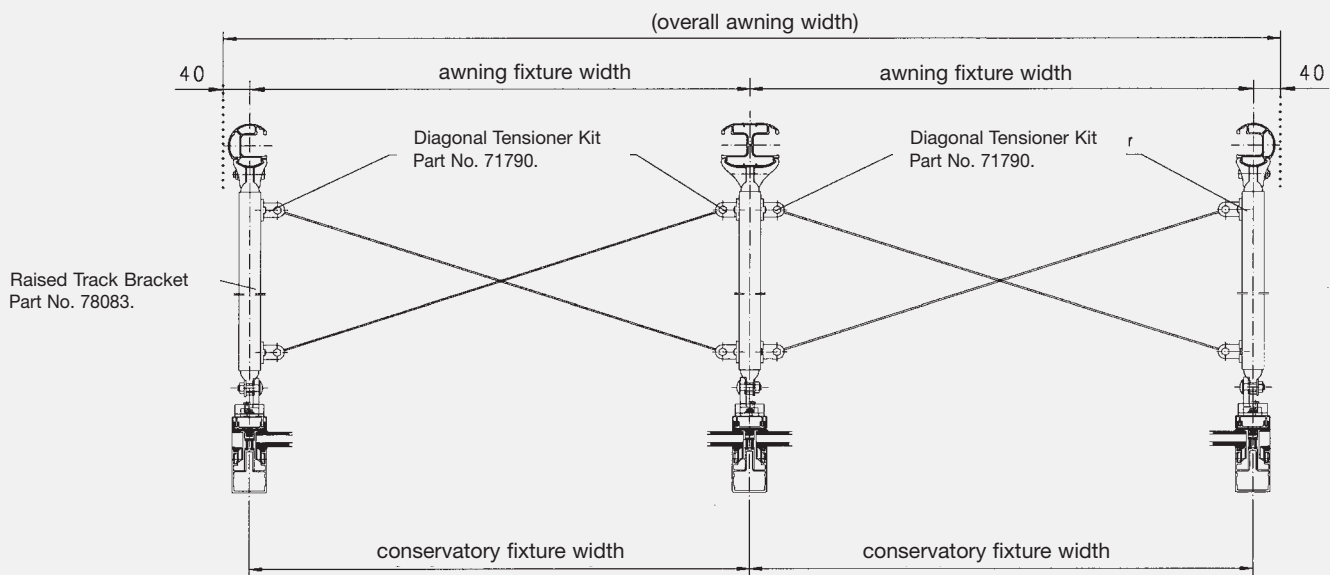
Raised Bottom Fixture for Coupled Cassette

How to fit the markilux® 8000:

Face Fixture Coupling Bracket 8000
Part No. 78330.



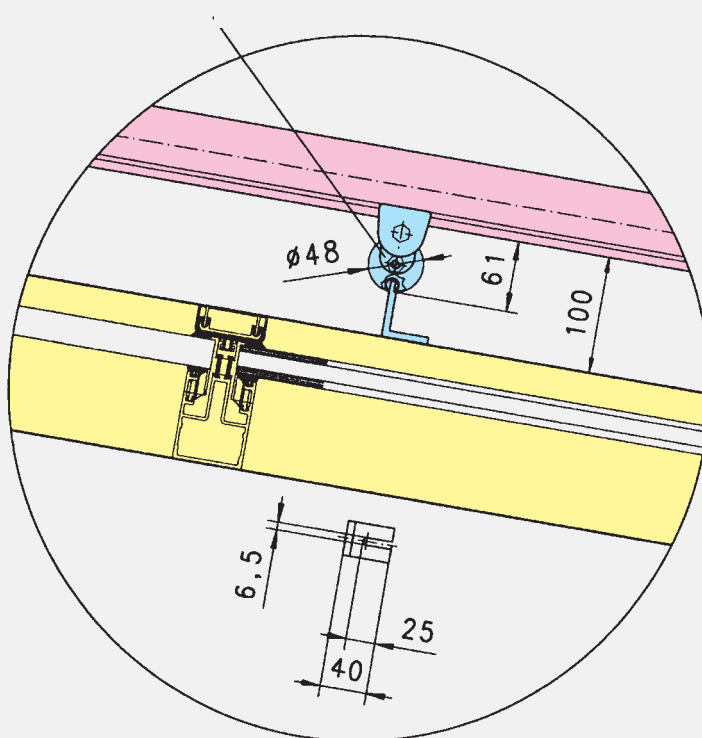
Face Fixture using a Coupling Bracket



Diagonal Tensioning for Raised Bottom Fixture

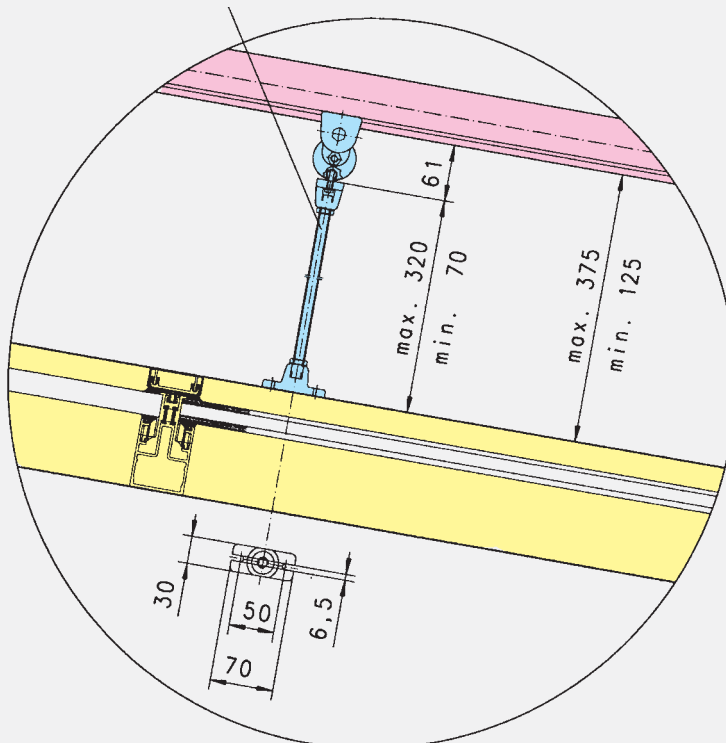
How to fit the markilux® 8000:

Cover Support Tube 8000 100 mm.
Part No. 78128.



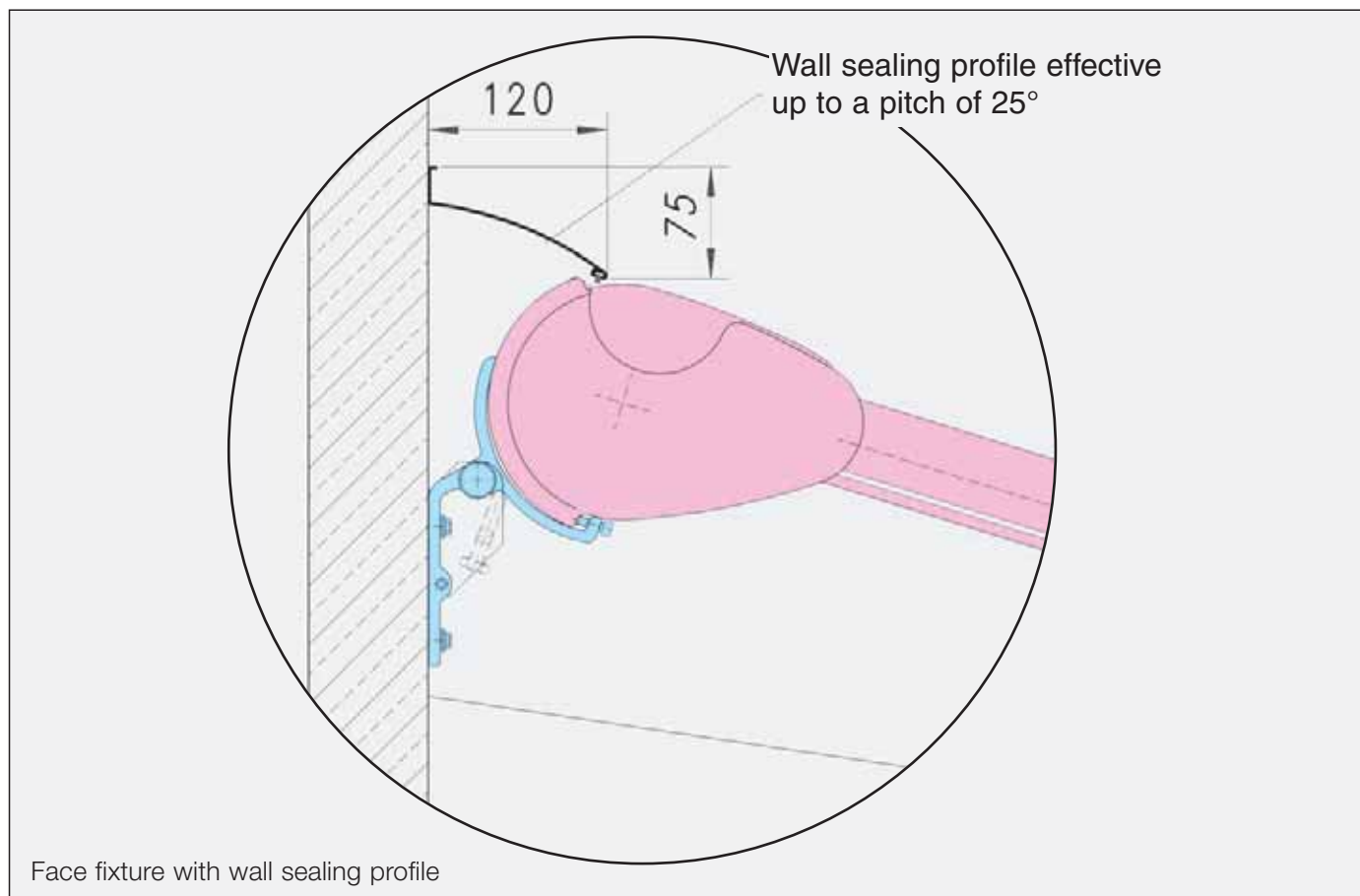
Angled Support, 100 mm.

Adjustable Support 8000
Part No. 71780.



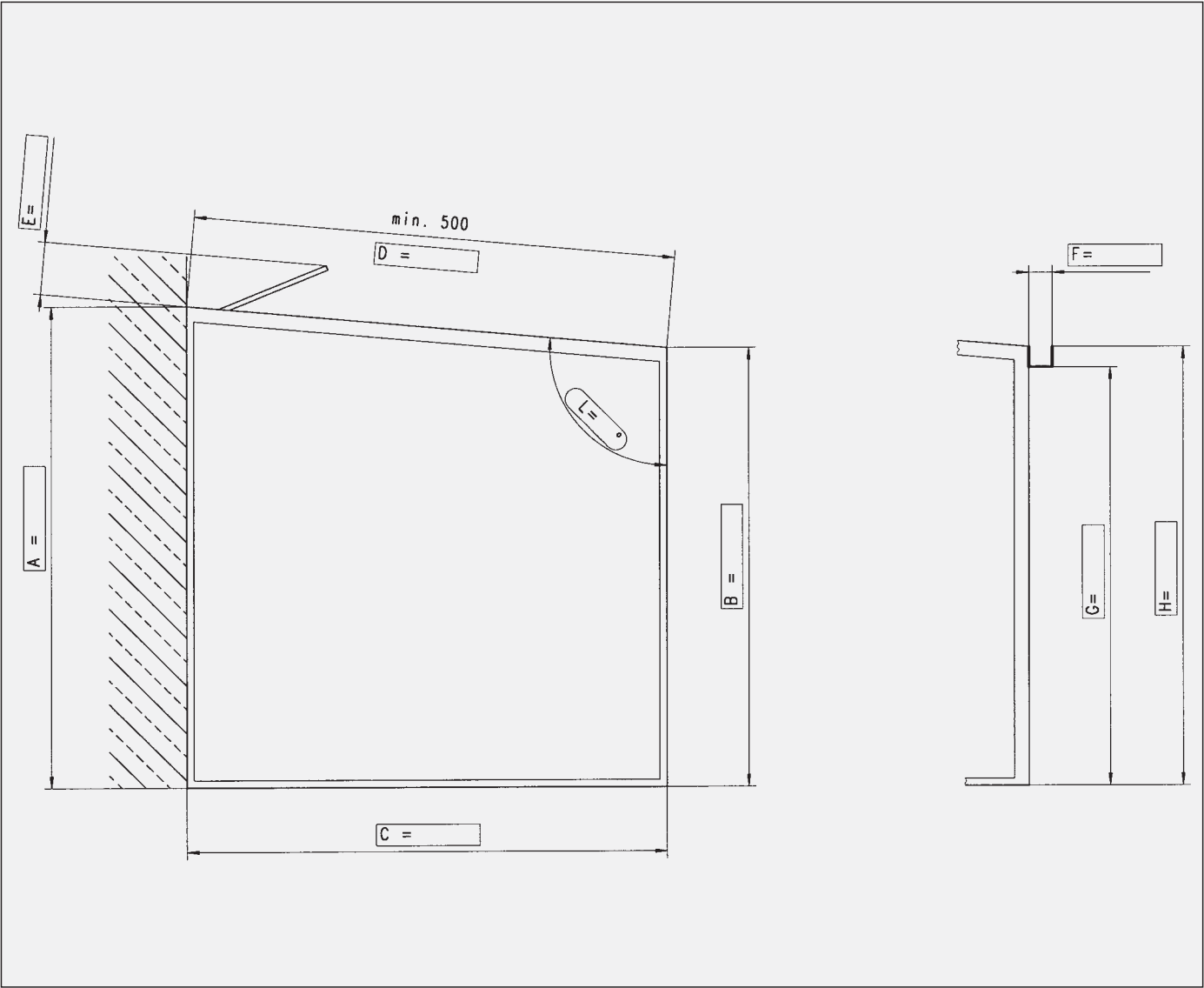
Adjustable Support

How to fit the markilux® 8000:



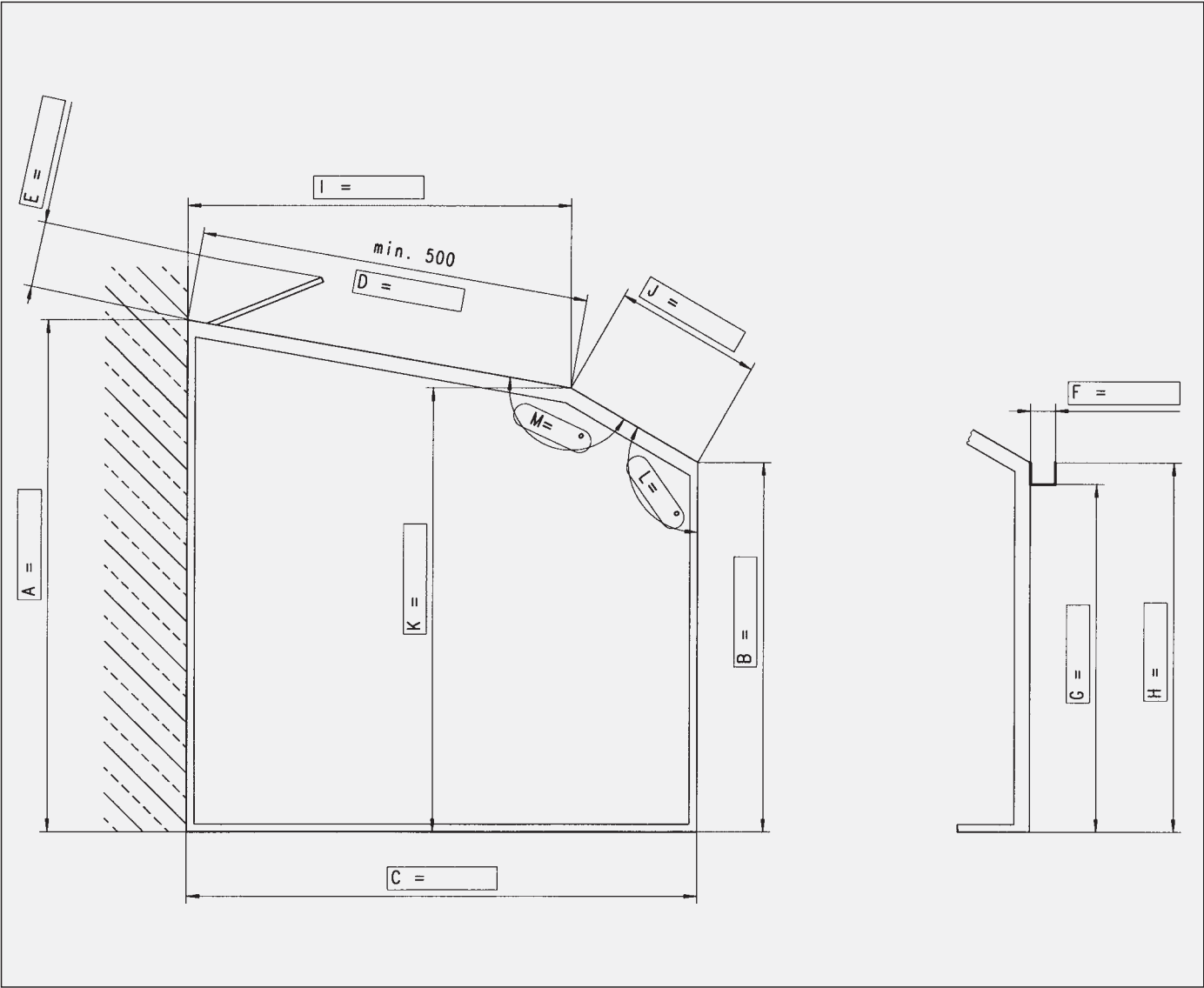
Measurement Form for a Flat-top Conservatory

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.



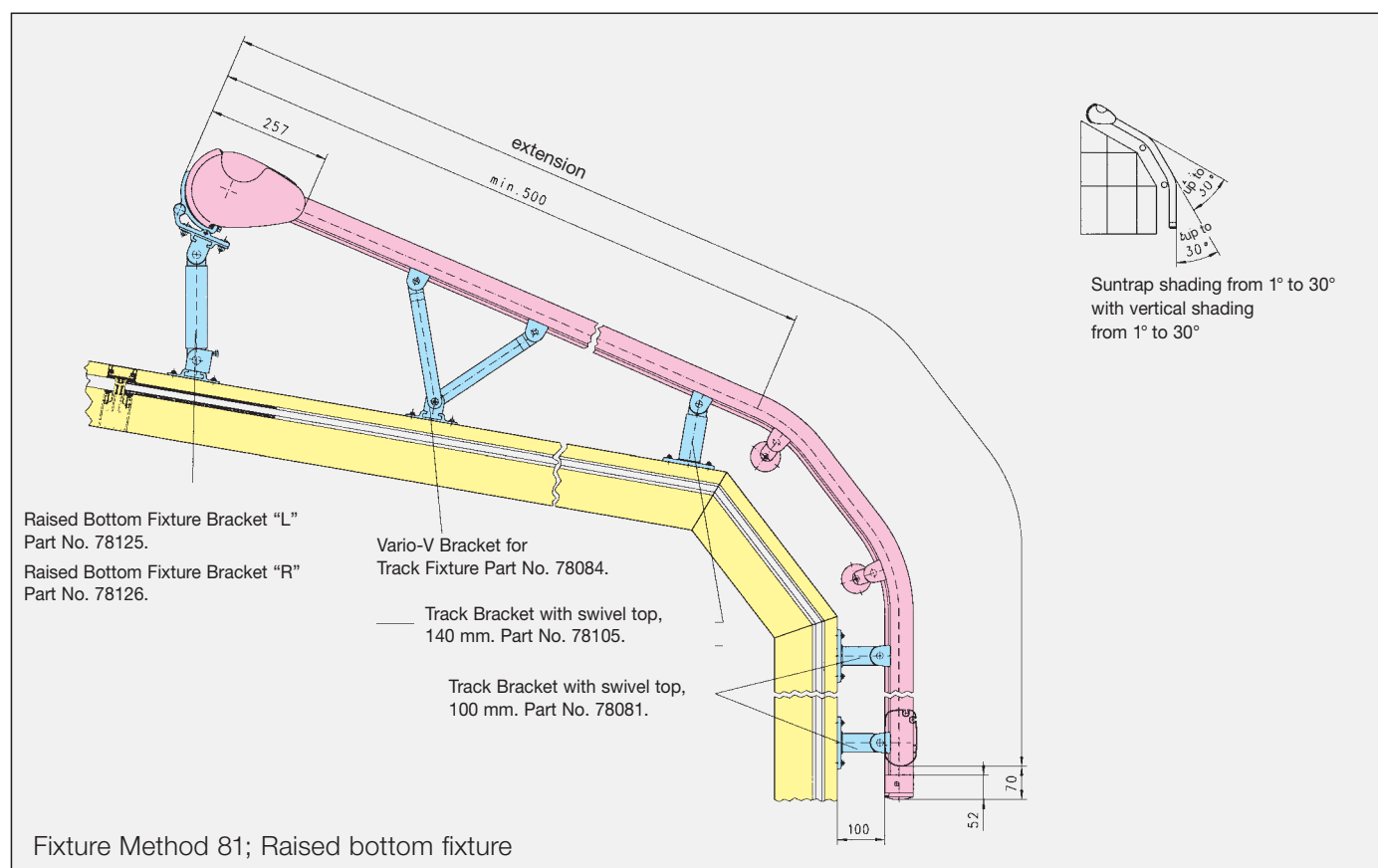
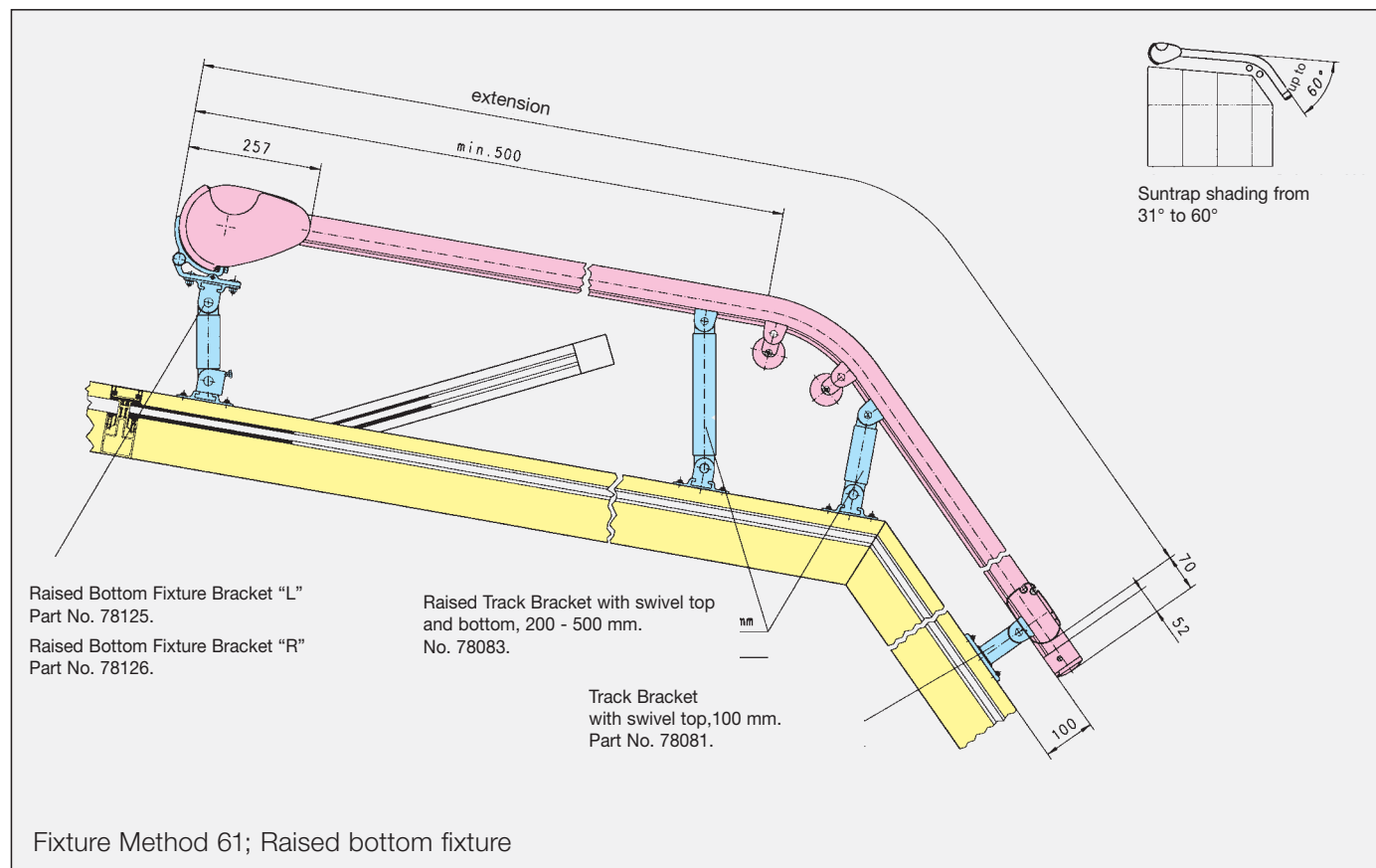
Measurement Form for a Curved Conservatory

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.



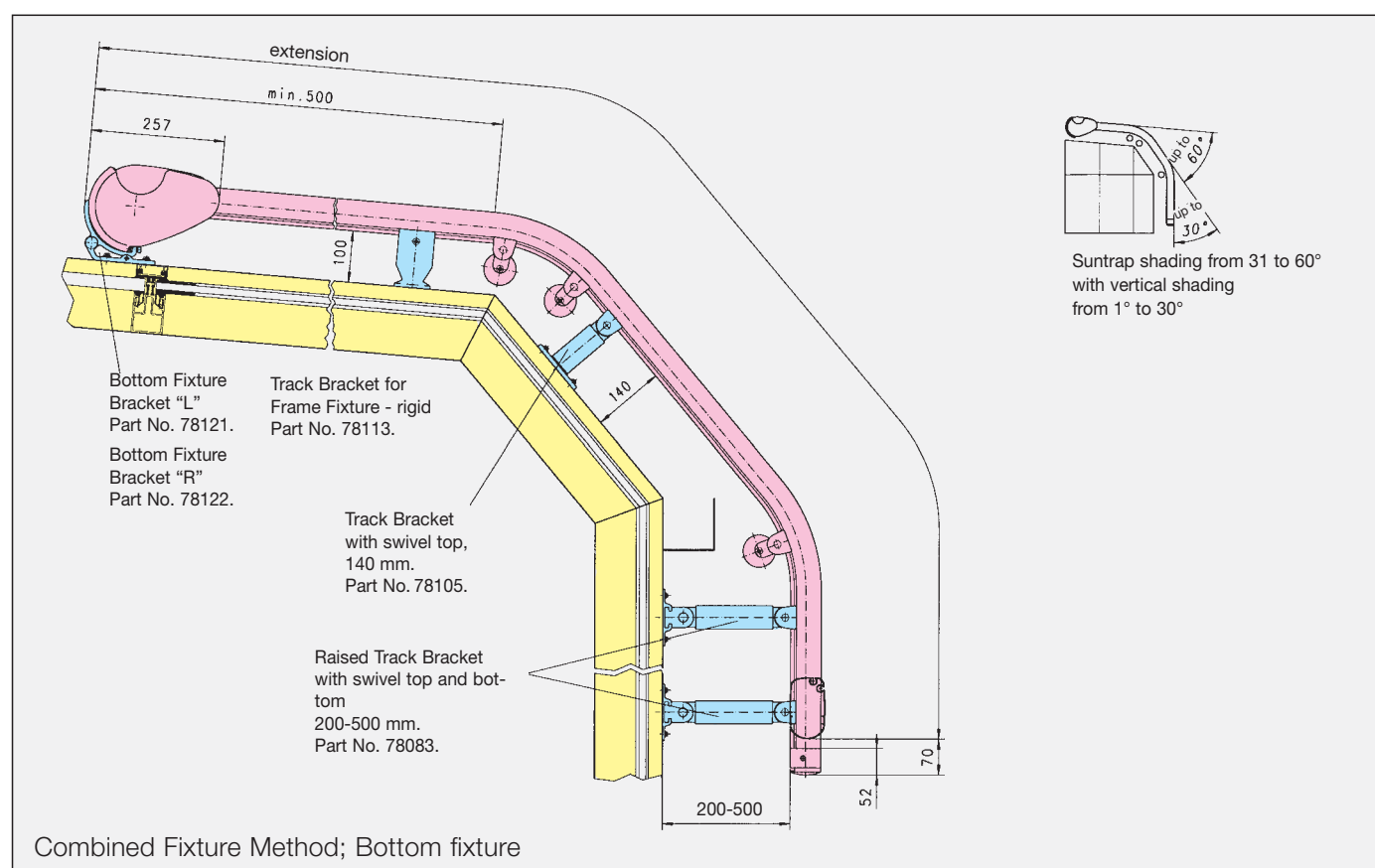
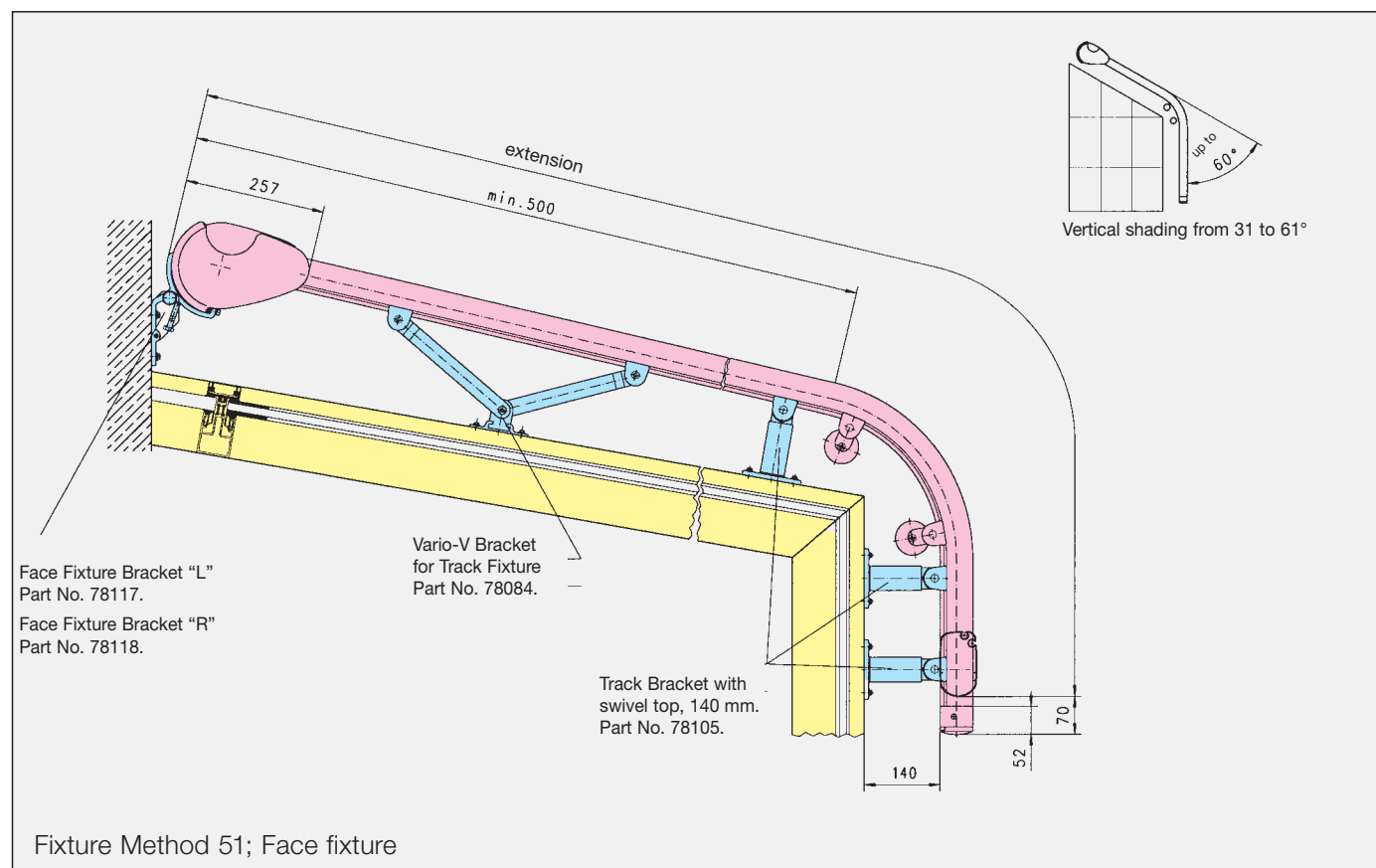
How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.



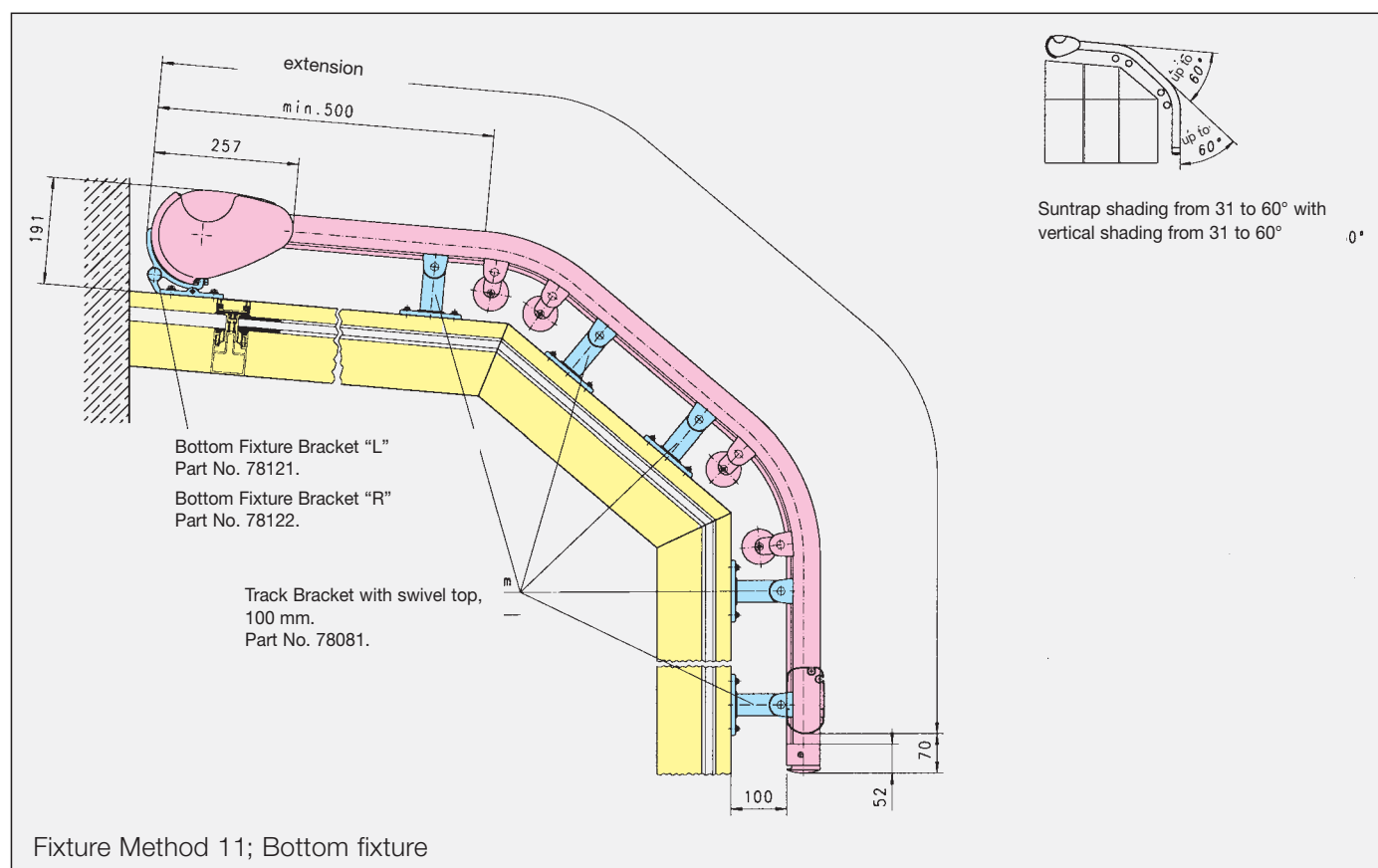
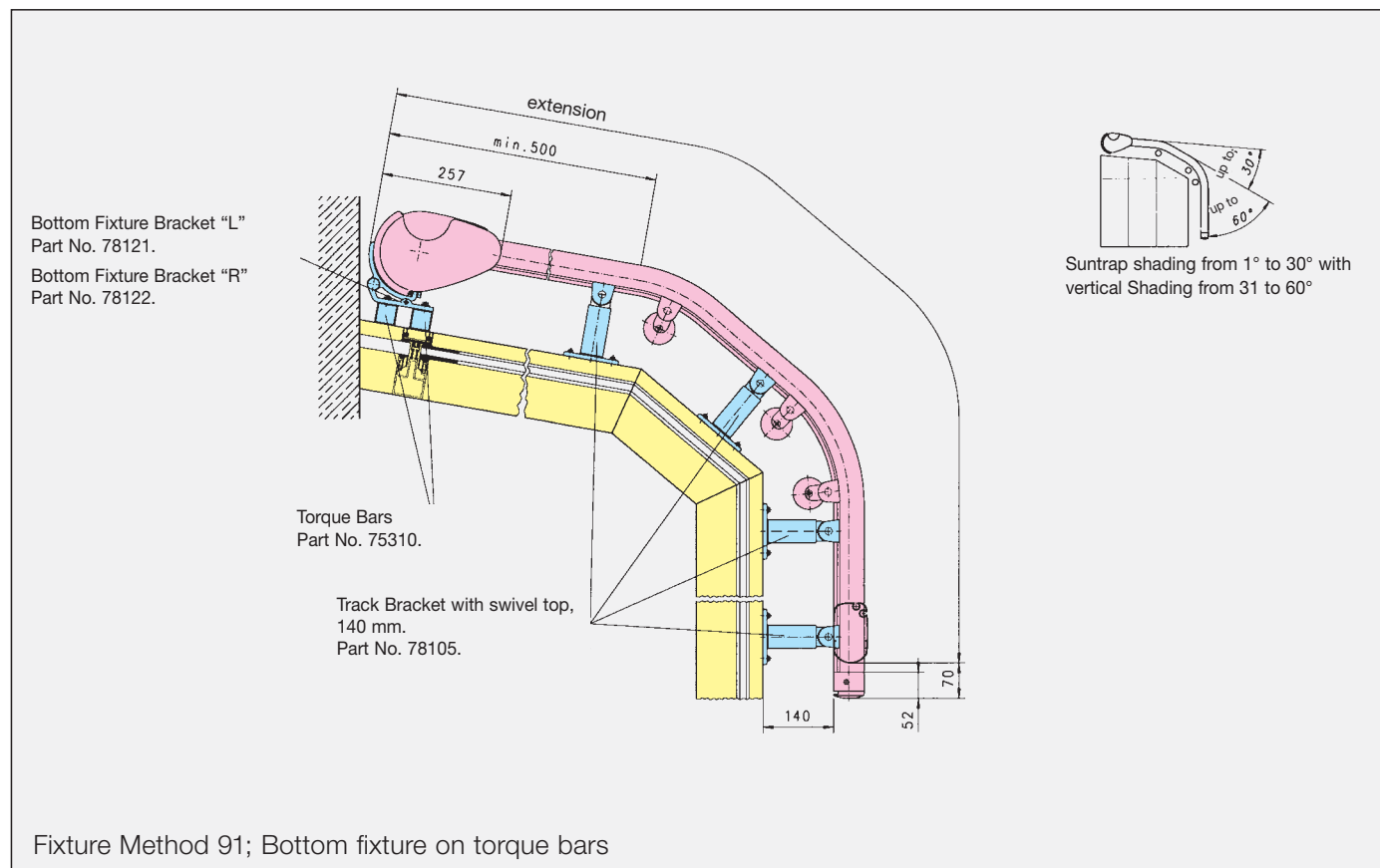
How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.



How to fit your markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.



How to fit the markilux® 8000 with curved front:

The fixture methods depicted are examples of the many available.

