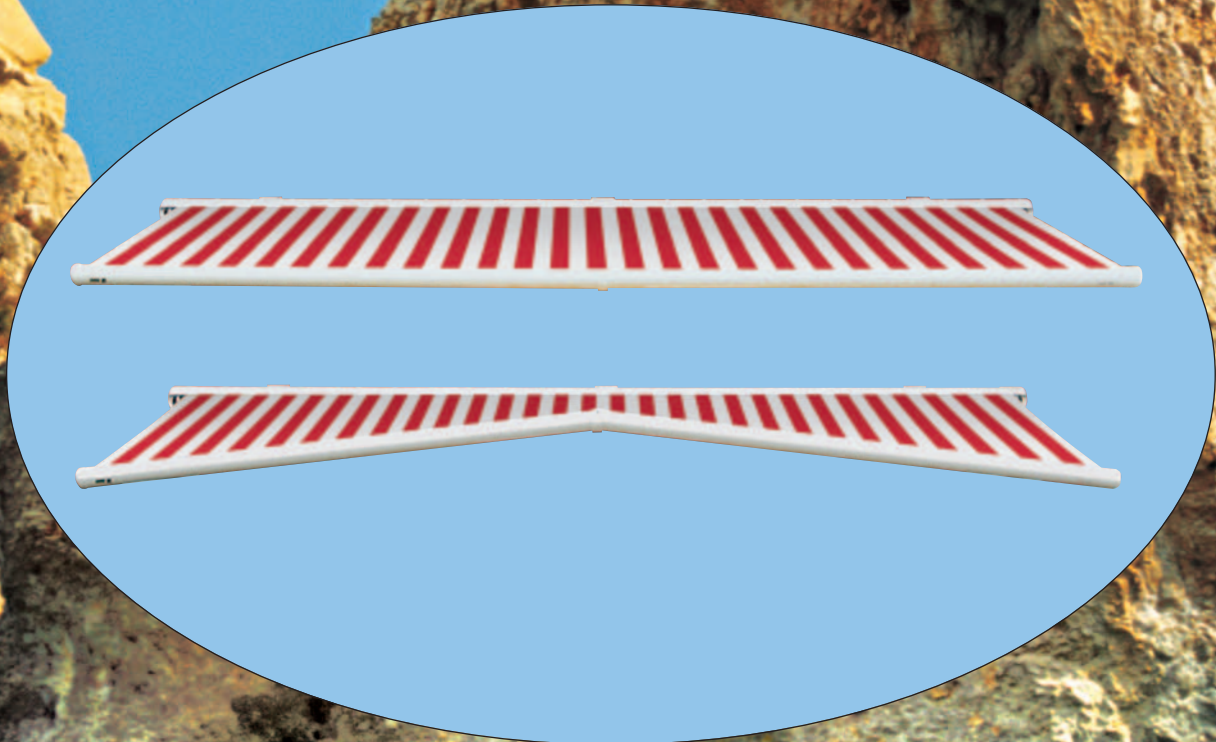


**markilux**<sup>®</sup>



How, quite simply, can awnings be improved?

**markilux**<sup>®</sup> 1600  Pavilion 2

# Folding-arm Awning *markilux*<sup>®</sup> 1600 Pavilion2

With a greater range of applications:

If required the awning can be raised into a gable shape in the middle (patented).

The areas to be shaded are becoming ever larger – but houses are not being built any higher. In such cases the pitch of the awning is often no longer sufficient to allow rainwater to run off. With the gable raised you can be assured that rainwater will run off to the side.

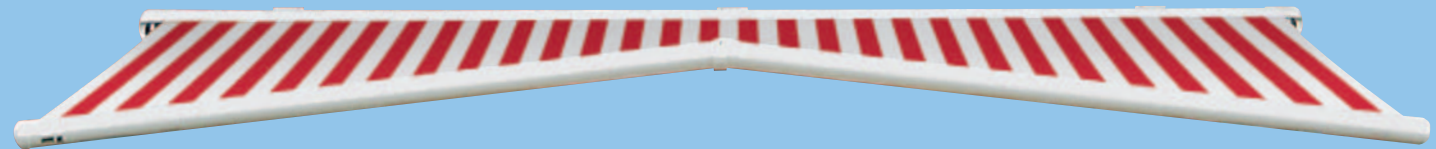
Water can be guaranteed to run off the awning even when it is set at a pitch of 0°.

The new shape of the awning follows the daily course of the sun – giving more shade where and when it is really needed.

The particular advantages of the *markilux*<sup>®</sup> 1600  Pavilion2 are brought to the fore if the awning is fitted at a low height and given the maximum possible extension.



normal use



use e.g. in rain

### **Special accessories:**

- Top fixture
- Wall sealing profile
- Motorised operation
- Automatic controls



The *markilux*<sup>®</sup> 1600  Pavilion2 retracted, with face fixture



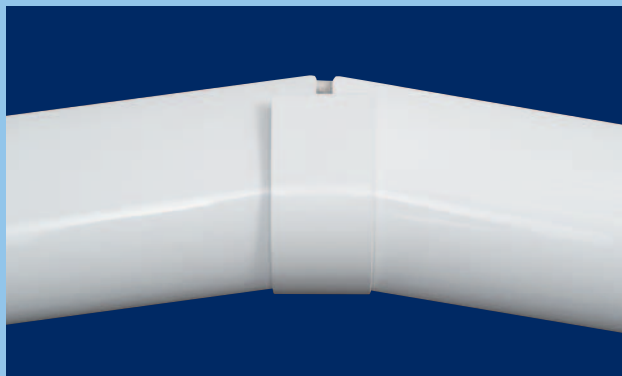
With wall sealing profile (surcharge)



The **markilux** 1600 **Pavilion2** retracted – with its slim, elegant appearance

**new solutions to maximise rain run-off  
- markilux® quality in design and technology**

- incredibly strong round torque bar, 50 mm. in diameter preventing twist and deflection
- attractive, strong folding arms
- the tried and tested 85 mm. roller creates the best possible conditions for the cover to roll up under
- dynamically curved coverboard giving the appearance of a cassette awning
- no gaps or overhang between coverboard and awning since the coverboard and awning pitch are intrinsically linked
- coverboard has an integrated brush which prevents the worst of any debris from being drawn into the awning
- larger awnings are fitted with a rolltex bearing to give support to the roller
- with standard or radio-controlled motor (surcharge) for ease of operation
- the gable can be raised optionally by means of a staff (motorised awning operation) or the winding handle (manual operation)
- a servo-assisted gear increases the comfort factor on manually operated awnings



**markilux** 1600 **Pavilion2** articulated front profile – exterior view



**markilux** 1600 **Pavilion2** gable-shaped front profile – interior view with tensioning springs



**markilux** 1600 **Pavilion2** easy and simple pitch adjustment



Technically proven with twin steel-link chain, corrosion resistant

We reserve the right to make alterations without giving prior notice.



Additional colour combinations can be found in the section about the markilux® 1500/1600

# Folding-arm Awning markilux® 1600 Pavilion 2



Folding arm with twin steel-link chains								Approx. handle revs.	Approx. extension time in sec. <sup>1)</sup>			
<b>Dimensions</b>	Standard widths in cm	360	410	460	510	560	610	660	Getriebe 5 : 1	Standard-motor	Radio-contr. motor	
	Arm length 250 cm								37	30	30	
	Arm length 300 cm								45	35	35	
	Arm length 350 cm	-						-	52	41	41	
	Number of brackets	2		3			5					
	Number of arms/rolltex bearings	2		2 / 1			2 / 1				17 r.p.m. <sup>2)</sup>	17 r.p.m. <sup>2)</sup>

1) **N.B.** The motor will stop automatically after 3 – 4 minutes use to prevent overheating.

2) **Nominal r.p.m.**  
It cannot be guaranteed that a bank of awnings will all run at the same speed. This is due to the tolerances in the r.p.m. of the motors.

<b>Available Accessories</b>	Manual operation winding handle: 110, 140, 160, 180, 220 cm	<input checked="" type="checkbox"/>
	Servo-assisted manual operation	<input checked="" type="checkbox"/>
	Motor drive recommended switch	<input checked="" type="checkbox"/> pressure switch
	Wall sealing profile	<input checked="" type="checkbox"/>
	Frame polyester powder coated as standard in colour*	<input checked="" type="checkbox"/>
	Cover made from acrylic material and sunsilk	<input checked="" type="checkbox"/>

**Manual operation** (gearboxes employed)

universal joint	eye	gear reduction	end-stop with without	worm gear	bevel gear	order number
	<input checked="" type="checkbox"/>	5 : 1	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	72161. "L" * 72162. "R" *

1 = black; 3 = white

**Motor drive** with electronic torque reduction and limit switching when being retracted

	Best.-Nr.
Standard motor for 2 arms	763131 "L" 763141 "R"
Radio-controlled motor for 2 arms	763341

**Not available:** pitch adjustment gear, PVC fabrics (ERA, Mehler etc.), oversized fabrics, side blind, shadeplus

### Possible dimensional variations: (in mm)

Overall width of the awning	Standard widths	Intermediate widths
	Motor	Motor
Tolerances in the width	+ 0 / - 10	+ 0 / - 10
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)	260	260
Cover length = (add to awning extension)	180	180

### 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	6600	+ 15 / - 15

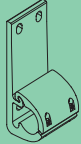
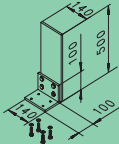
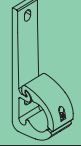

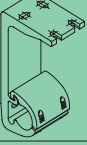

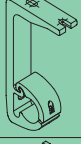

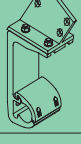

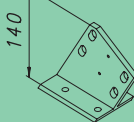
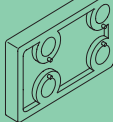
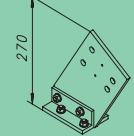

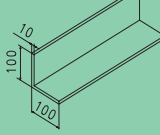
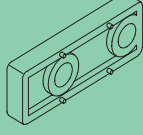
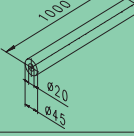
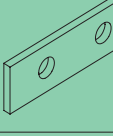
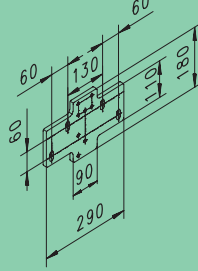


\* White: RAL 9016, brown: RAL 8019, metallic aluminium: RAL 9006, light ivory: RAL 1015. Other powder-coated RAL colours are available. Lead times will be given on request.

**N.B.** Measure up carefully! We will not take awnings back because of incorrect size. Awnings are made to measure. Make a special note if an awning is to be fitted into a reveal, and note the 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.

# Folding-arm Awning markilux® 1600 Pavilion 2



## Fixtures and Accessories

Part	Description	Part No.	Part	Description	Part No.
	Face fixture assembly 90 mm	77556.		Flat plate and angled bracket for eaves fixture	764900 machine finish
	Face fixture assembly 45 mm	77557.		Spacer plate face fixture 90 x 200 x 18 mm <b>N.B.!</b> * 200 mm	730701
	Top fixture assembly 90 mm	77558.		Spacer plate face fixture 90 x 200 x 8 mm	730531
	Top fixture assembly 45 mm	77559.		Spacer plate face fixture 90 x 200 x 18 mm <b>N.B.!</b> * 200 mm	771641
	Eaves fixture assembly, complete 90 mm	77561.		Spacer plate face fixture 45 x 200 x 8 mm	730571
	Eaves fixture 140 mm	76400.		Spacer plate top fixture 140 x 90 x 18 mm <b>N.B.!</b> * 200 mm	730801
	Eaves fixture kit 270 mm	76403.		Spacer plate top fixture 140 x 90 x 8 mm	730541
	Angled profile for eaves fixture available by the metre, not drilled	793800 machine finish 79380.		Spacer plate top fixture 145 x 50 x 18 mm <b>N.B.!</b> * 200 mm	730501
	Spacer tube 45 x 12,5 mm <b>N.B.!</b> * 120 mm	701653 light grey		Spacer plate top fixture 145 x 50 x 8 mm	730521
	Spreader plate for face fixture bracket	78195.		Cover plate for exterior insulation 85 x 240 x 2 mm	71501.
				Cover plate for exterior insulation 130 x 240 x 2 mm	71502.

. = add the correct RAL colour code

\* **N.B.!**

Recommended max. = xxx mm

# Important measurements for fitting the folding-arm awning

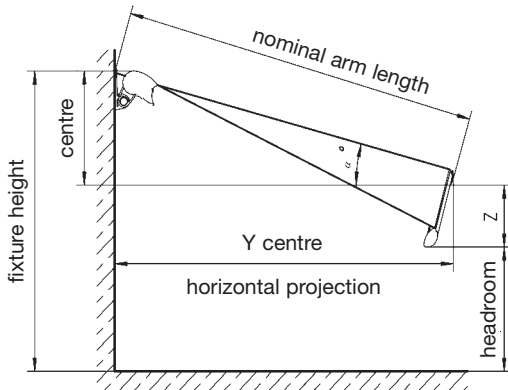
## markilux® 1600 Pavilion2

Dimensions may vary slightly

### Angle of pitch / walk-under height

Headroom in the centre = Fixture height - X

Headroom at the side = Fixture height - (X+Z)



N.B.

Dimensions may vary!

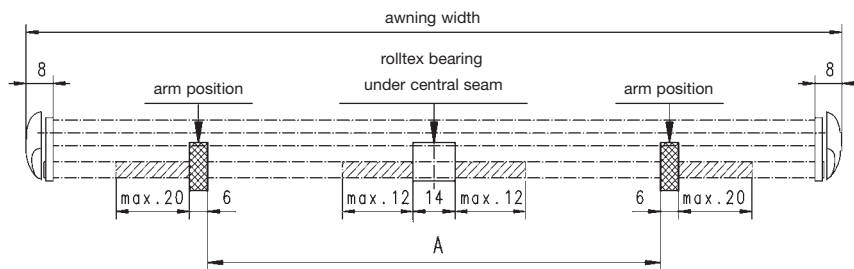
pitch α		arm length in cm		
		250	300	350
0°	X	16	16	16
	Y	246	296	346
5°	X	36	40	45
	Y	246	296	346
10°	X	56	65	73
	Y	243	293	343

awning width in cm	360	410	460	510	560	610	660
Z	23	27	31	35	38	42	46

### Bracket positions

If the brackets cannot be positioned in accordance with this table, make sure the actual bracket positions are noted on the order form!

### Bracket positions 2/3 brackets



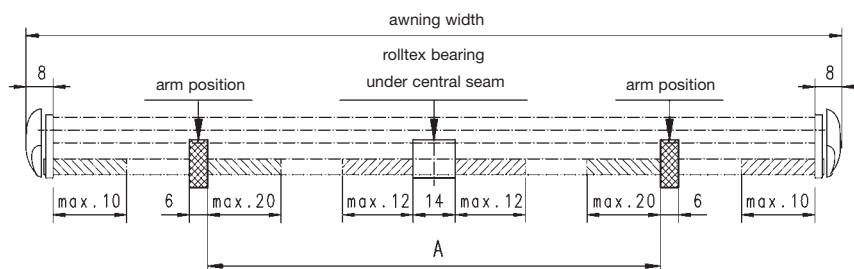
awning width in cm.	measurement A in cm.			brackets
	250	300	350	
350 - 360	277*	—	—	2
361 - 410	285	327*	—	2
411 - 460	320	335	377*	3
461 - 510	355	355	385	3
511 - 560	390	390	390	3
minimum width	350	400	450	

= range within which brackets should be fixed

N.B.  
Dimensions may vary!

\* it is particularly important that the measurements are adhered to in the case of these awning sizes!

### Bracket positions 5 brackets



awning width in cm.	measurement A in cm.			brackets
	arm length (cm)			
	250	300	350	
561 - 610	425	425	425	5
611 - 660	460	460	—	5

= range within which brackets should be fixed

N.B.  
Dimensions may vary!

# How to fit the *markilux*® 1600 Pavilion2

