

**markilux®**



**markilux® 3300**  
**The Folding-arm Cassette Awning**  
with wall-sealing strip and double gutter

# The Folding-arm Box-cassette Awning markilux® 3300

in one-piece compact cassette  
with optional wall sealing strip



The markilux® 3300  
with sturdy compact box cassette



Attractively shaped and elegant profile view,  
retracted, face fixture



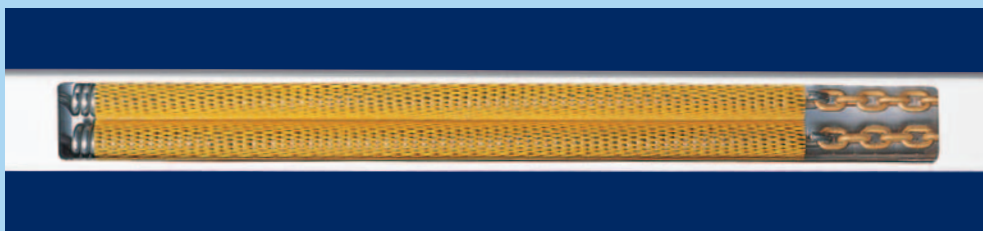
Profile view, retracted, top fixture

## Optional Accessories:

Electric operation and controls by **SOMFY®**  
Face or top fixture profile available  
by the metre  
Aluminium strip with rubber seal  
Top fixture  
Valance

## Maximum safety

- all moving parts are made of **drop-forged** aluminium
- really strong **roller – 85 mm.** in diameter; particularly **easy to service** as it can be removed from the front



- Inside view of a folding arm, showing the springs, nylon sleeves and the direct coupling of the springs to the chain - proven technology resulting in a maximum of arm tension and a taut awning cover (also in the case of the markilux® 1600 and 5005).

## Enduring elegance

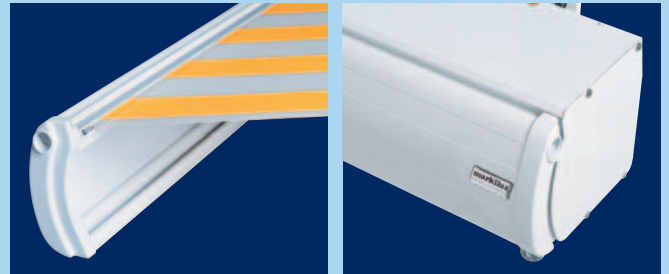
- fixing brackets are made of **extruded** aluminium
- designer input responsible for the attractive arm shape and elegant front profile
- the markilux® winding handle - get to grips with real quality
- also available electrically operated

## Making use of tomorrow's technology today

- easily fitted because it is: **ready to fit!**
- the double gutter drains water from the awning when extended or retracted
- the pitch can be effortlessly changed without requiring adjustment of the front profile
- the front profile closes perfectly thanks to the adjustable buffer on the tilt lock device
- **Teflon-coated** bushes give maintenance-free arm performance
- all screws and components are made of **corrosion-resistant stainless steel**



- The compact **supporting** cassette is **in one piece** and made of extruded aluminium



- Gutter drains the awning in both the extended and retracted position



- Larger units are fitted with a rolltex bearing to give added support to the roller



- Corrosion-resistant and hard-wearing; **twin steel-link chains** at the elbow joints



- Tilt device with windlock mechanism, FGPO\*



- Aluminium profile with rubber sealing strip to ensure a good seal with the back wall (surcharge)



- Arm fixture to the front profile

# The markilux® 3300 Folding-arm Cassette Awning



											Approx. handle revs.	Approx. extension time in sec. <sup>4)</sup>		
Dimensions	Standard widths in cm.	250	300	350	400	450	500	550	600	650	700 <sup>1)</sup>	Gearbox 5:1	Standard motor	Rad.-cont
	Arm length 150 cm.											22	19	19
	Arm length 200 cm.											30	25	25
	Arm length 250 cm.	–										37	30	30
	Arm length 300 cm.	–	–									45	35	35
	Arm length 350 cm. <sup>1)</sup>	–	–	–	<sup>6)</sup>					<sup>3)</sup>		52	41	41
	No. of face fixture brackets	2			4			5		4	6			
No. arms/rolltex bearings	2 / 0			2 / 0			2 / 1 <sup>1)</sup>		3 / 2 <sup>1) 2)</sup>			17 rpm <sup>5)</sup>	17 rpm <sup>5)</sup>	
Available Accessories	Manual operation winding handle: 110, 140, 160, 180, 220 cm	<input checked="" type="checkbox"/>												
	Motor drive switch recommended	<input checked="" type="checkbox"/> fixed position switch												
	Servo-assisted manual operation	<input checked="" type="checkbox"/>												
	Split aluminium with rubber sealing strip	<input checked="" type="checkbox"/>												
	Side blind	<input checked="" type="checkbox"/>												
	Frame polyester powder coated as standard in colour*	<input checked="" type="checkbox"/>												
	Cover made of a brand name of acrylic material or sunsilk	<input checked="" type="checkbox"/>												
	PVC cover	<input checked="" type="checkbox"/> up to a width of 600 cm. and an arm length of 250 cm.												
Not available: pitch adjustment gear, shadeplus														

### 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 timed cut-off when being retracted

	OrderNo.
Standard motor up to 2 folding arms	763141 „R“ * 773131 „L“ *
Standard motor up to 4 folding arms	784821 „R“ * 784811 „L“ *
Standard motor up to 6 folding arms	791821 „R“ * 791811 „L“ *

Radio-controlled motor up to 2 folding arms	763341
Radio-controlled motor up to 4 folding arms	763351
Radio-controlled motor up to 6 folding arms	763411

### Possible dimensional variations:

(in mm.)

Overall width of the awning	Standard widths		Intermediate widths	
	Motor	Gear	Motor	Gear
Tolerances in the width	+5/–5	+5/–5	+5/–5	+5/–5
Tolerances in the extension	+40 / –40		+40 / –40	

### Awning cover sizes:

(in mm.)

	Standard widths		Intermediate widths	
	Motor	Gear	Motor	Gear
Cover = (deduct from awning width)	150		150	
Cover = (add to awning extension)	150		150	

### Awning cover tolerances:

(in mm.)

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

1) not possible with oversized material

2) awnings with 3 or more arms will **only** be supplied with motor

3) **No** intermediate widths possible between **600 cm** and **650 cm** (3 brackets 200 mm and 1 bracket 60 mm wide)

4) **N.B.** Motor stops automatically after 3 – 4 minutes use to prevent over-heating.

5) **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.

6) **N.B.** 2 x 200 mm brackets

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

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## N.B.


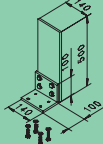
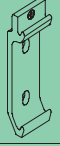
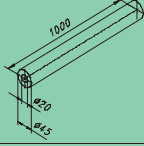
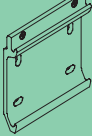

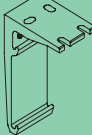
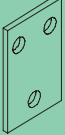
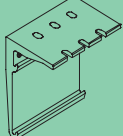

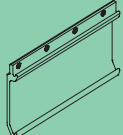

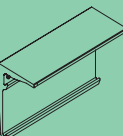
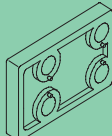
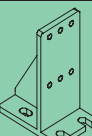

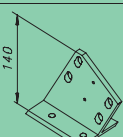

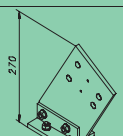
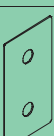
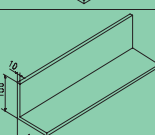
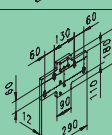
Measure carefully! We will not take awnings back because of incorrect size. Awnings are made to measure. The arm length is measured with the awning at a pitch of 15° from the wall over the cover to the leading edge of the front profile. Coupled awnings can be supplied up to three units wide with a maximum of six arms (only motorised). They can be fitted with jockey rollers except when the arm length is the maximum for the width of each awning. One-piece covers on request. There is a chance of the pattern not matching where jockey rollers are concerned. If coupled awnings are fitted into a recess or between walls, 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. 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 markilux® 3300 Folding-arm Cassette Awning



## Fixtures and Accessories

Part	Description	Part No.	Part	Description	Part No.
	Face fixture bracket assembly 90 mm	75040.		Flat and angled bracket for eaves fixture	764900 machine finish
	Face fixture bracket assembly 60 mm	74462.		Stand-off tube 45 x 12.5 mm <b>N.B.!</b> * 120 mm	701653 light grey
	Face fixture bracket assembly 200 mm for coupled units	79072.		Spacer plate wall 90 x 140 x 18 mm <b>N.B.!</b> * 200 mm	758401
	Top fixture bracket assembly 90 mm	74950.		Spacer plate wall 90 x 140 x 8 mm	730561
	Top fixture bracket assembly 200 mm for coupled units	79069.		Spacer plate wall 45 x 145 x 18 mm <b>N.B.!</b> * 200 mm	730601
	Face fixture bracket assembly available by the metre undrilled	74340.		Spacer plate wall 45 x 145 x 8 mm	730511
	Top fixture bracket assembly available by the metre undrilled	73470.		Spacer plate soffit 140 x 90 x 18 mm <b>N.B.!</b> * 200 mm	730801
	Top/Face fixture bracket assembly 90 mm	79803.		Spacer plate soffit 140 x 90 x 8 mm	730541
	Eaves fixture bracket assembly 140 mm	76400.		Decorative plate for external insulation 130 x 180 x 2 mm	71505.
	Eaves fixture bracket assembly 270 mm	76403.		Decorative plate for external insulation 100 x 180 x 2 mm	71504.
	Angled profile Eaves fixture bracket assembly 100 mm available by the metre undrilled	793800 machine finish 79380.		Fixture plate for face fixture bracket	78195.

. = insert RAL colour code no.

\* **N.B.!**

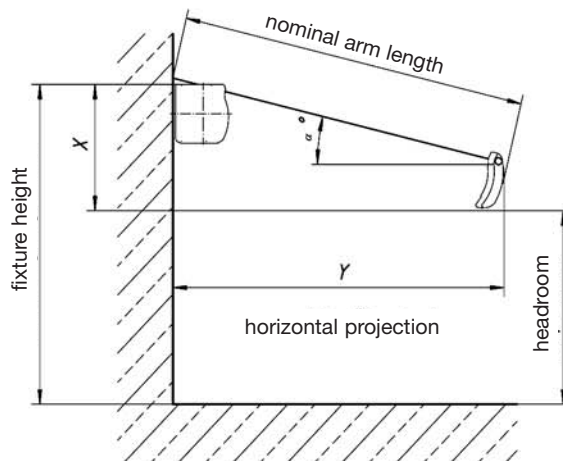
Recommended max. = xxx mm

# Important measurements for fitting the markilux® 3300

Measurements may vary slightly

## Angle of pitch / walk-under height

headroom = fixture height - X

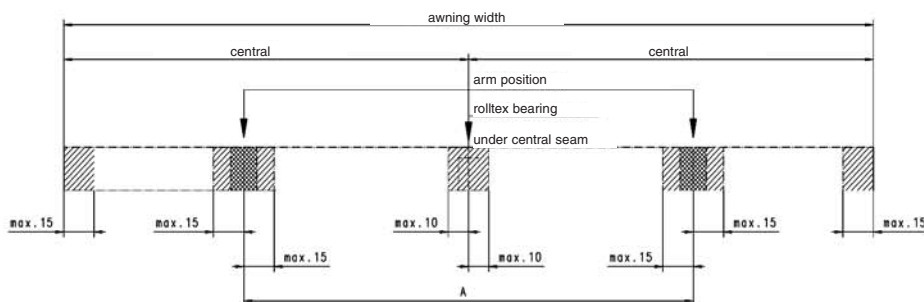


pitch		arm length in cm					
		150	200	250	300	350	
5°	X	28	33	38	42	46	
	Y	149	199	249	299	349	
10°	X	41	50	58	67	75	
	Y	148	197	246	295	345	
15°	X	53	66	78	91	104	
	Y	145	193	242	290	338	
20°	X	64	81	99	115	132	
	Y	141	188	235	282	329	
25°	X	74	96	117	138	159	
	Y	136	181	227	272	317	
30°	X	85	110	135	160	185	
	Y	130	173	217	260	303	
35°	X	94	123	152	180	209	
	Y	123	164	205	246	287	
40°	X	102	135	167	199	231	
	Y	115	153	192	230	268	
45°	X	110	145	180	216	251	
	Y	106	141	177	212	248	

## Bracket positions

(2 arms)

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

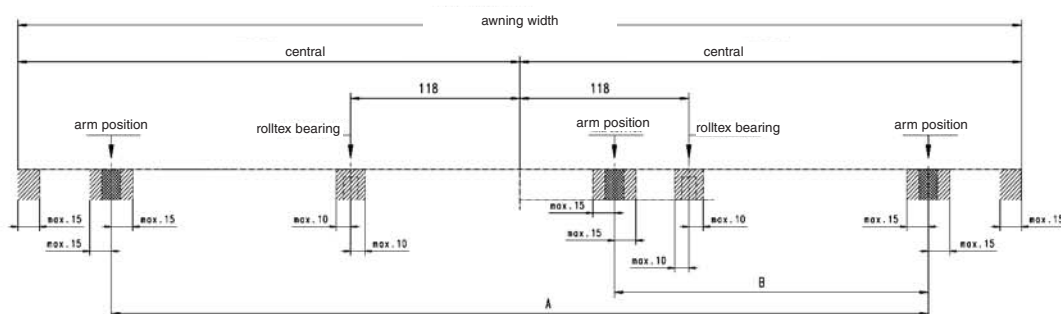


arm length in cm.		measurement A in cm.						brackets
awning width in cm.		150	200	250	300	350		
250		190	225	—	—	—	—	2
251 - 300		230	230	275	—	—	—	2
301 - 350		260	260	275	325	—	—	2
351 - 400		300	300	300	325	375	—	2
401 - 450		340	340	340	340	375	—	2
451 - 500		380	380	380	380	380	—	4
501 - 550 up to an arm length of 300 cm.		410	410	410	410	—	—	4
501 - 550 at an arm length of 350 cm.		—	—	—	—	440	—	5
551 - 600		450	450	450	450	450	—	5
601 - 650		490	490	490	490	—	—	5
minimum width (gearbox and motor)		200	250	300	350	400	—	5

- = range within which brackets should be fixed
- = coupled units cannot be fitted with a jockey roller
- = coupled units can be fitted with a jockey roller where standard sizes are concerned. Please ask in the case of intermediate widths

## Bracket positions

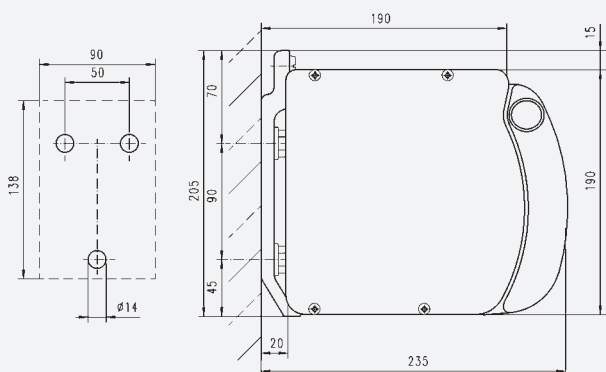
(3 arms)



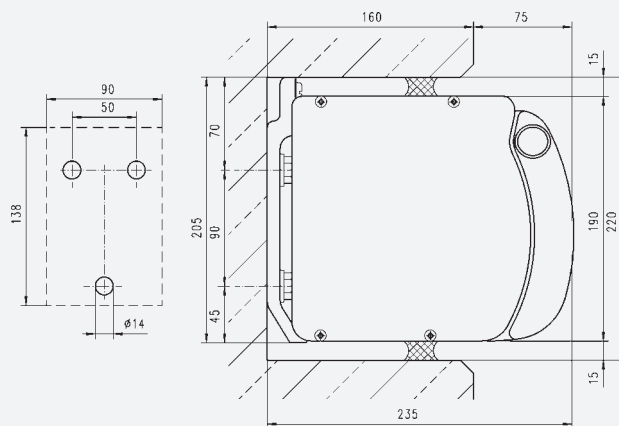
arm length in cm.		measurement A in cm.						measurement B in cm.						brackets
awning width in cm.		150	200	250	300	350		150	200	250	300	350		
650		—	—	—	—	625	—	—	—	—	—	220	—	4
651 - 700		530	540	550	590	630	—	280	250	225	225	225	—	6
minimum width (motor)		450	500	550	600	650	—	—	—	—	—	—	—	

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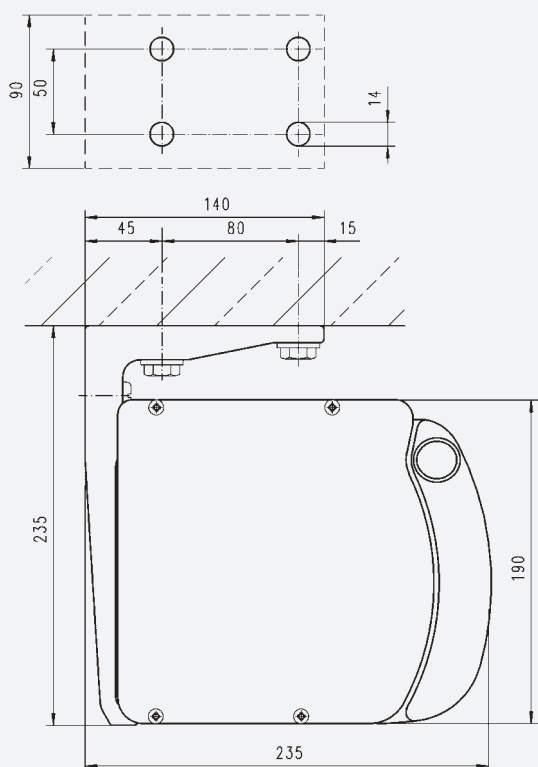
# How to fit the markilux® 3300:



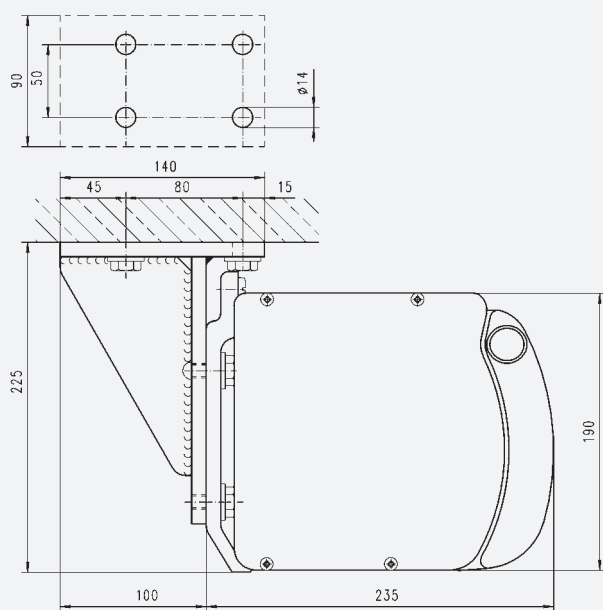
① Face fixture  
Face fixture bracket available by the metre



② Niche fixture



③ Top fixture  
Top fixture bracket available by the metre



④ Top fixture using rear strut

Technical drawing of a face fixture assembly. The drawing shows a rectangular workpiece (235 x 190) mounted on a base. A top plate (120 x 90) is secured with four temporary pinning holes. Dimensions include 150 for the top plate height, 235 for the workpiece width, and 190 for the workpiece height. A 50mm dimension is shown for the pinning holes.

