

# SOLAR PANEL SOLUTIONS

The new Solar B-BOX, the blind that runs completely on renewable energy.

As a result of ongoing technological innovation and its commitment to sustainability, Bandalux has launched its new Solar B-Box. It is an outdoor blind that has a built-in solar panel, a battery, and a motor that runs completely on renewable energy from the Sun.

The solar-powered B-BOX does not need electrical wiring. The solar panel captures the sunlight and turns it into electric power to load the motor's battery, which makes the blind 100% autonomous.



## PROFILE COLORS AVAILABLE



White  
RAL 9016



Black  
RAL 9011



Brown  
RAL 8019



Grey  
RAL 9006



Ivory  
RAL 1013



Anthracite  
RAL 7016

## OPERATING SYSTEMS



Motor

## MAXIMUM WIDTH

**5400 mm x 2400 mm**

## MAXIMUM HEIGHT

**5000 mm x 4000 mm**

# SOLAR B-BOX

## NEW ROLLER WITH BOX AND SOLAR PANEL

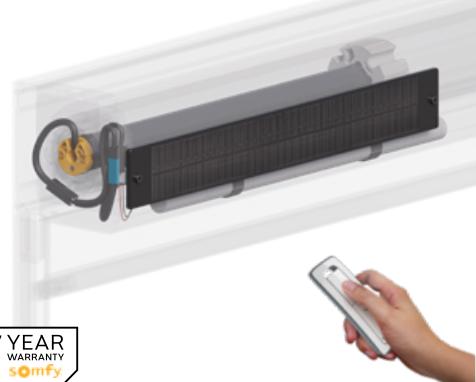
### Autonomous motorized blind

No electrical installation required.

It includes a solar panel, a battery and a motor that runs on renewable solar energy.

The motor works with Somfy RTS technology, controlled by a remote control.

Bandalux will deliver the blind with a fully charged battery.



### Accessible box

The rechargeable battery is located inside the box for easy access during replacement and maintenance.



### Optimal cable retraction

The box is equipped with a cable retracting support developed specially by Bandalux to position and arrange connected cables.



### Outdoor installation

The Solar B-Box must be installed outdoors and shady façades avoided, as they hinder the battery from being properly recharged. The solar cells must be kept free of any elements in front of them at all times.

### Endurance and reliability

Bandalux has developed stronger idle ends to deliver benchmark endurance and reliability.

It can be easily set up by a simple one hand move thanks to its internal compression spring.

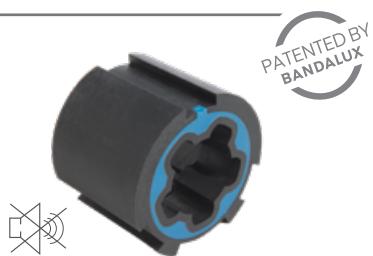


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## NEW ROLLER WITH BOX AND SOLAR PANEL

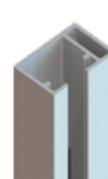
### Smooth and silent motorization

All Bandalux motorization products include a brand new, hybrid technology driving wheel specifically designed by us to minimize noise and vibration.



### Channels adapted to each individual need

A wide variety of cable guides and aluminum channels, designed for any type of installation, to reduce gaps to the bare minimum.



U-302  
COMPACT  
LONG



STAINLESS STEEL  
CABLE GUIDE  
Ø5mm



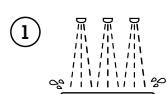
U-402  
LONG

### Air purifying shades

As a result of Bandalux' ongoing technological innovation and its commitment to sustainability, it has launched a new shade able to purify the air in any room.

#### Application of a nanocoating on the technical fabric

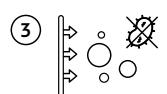
The shade is treated as follows:



A mixture of oxide minerals is applied to the shade's fabric.



This mixture is naturally activated by sunlight or artificial lighting.



When it is activated, any contaminant particles in the air are removed (viruses, bacteria, fungi, contamination, and volatile organic compounds).

#### Great versatility

- Applicable to all Roller Shades systems, Box range, Fit Box, Skylight and Sliding Panel.
- Available in the Polyscreen® 550 and Mega BO fabrics, in a range of colors.

#### POLYSCREEN® 550 AIRPURE®



Ash

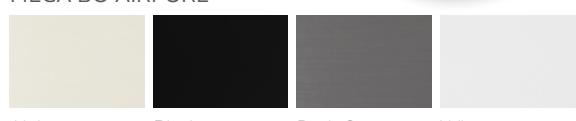
Pearl

White

White Linen

White Pearl

#### MEGA BO AIRPURE®



Alabaster

Black

Dark Grey

White

Colors and pictures shown are for illustration purposes only and cannot be used for future claims.

# B-BOX SOLAR

## OPTIONS AND TECHNICAL INFORMATION

### STANDARD CONFIGURATION (INCLUDED IN THE PRICE)

MANEUVER WITH SOLAR PANEL MOTOR	Ø20MM HIDDEN BOTTOM BAR	COLORS
		<input type="checkbox"/> White RAL 9016 <input type="checkbox"/> Grey RAL 9006 <input type="checkbox"/> Brown RAL 8019 <input type="checkbox"/> Black RAL 9011 <input type="checkbox"/> Ivory RAL 1013 <input type="checkbox"/> Anthracite RAL 7016
		<p>● By default, Bandalux will provide the profiles and components in white. If you prefer a different color, please specify it on the order form.</p>
MOTOR	MOTOR NAME	Voltage (V)
SOLAR MOTOR KIT RTS	SUNEA 40 6/18	12
	SUNEA 40 10/12	12
		40
		6
		10
		18
		24
		2,00
		700
		32
		2,67
		700

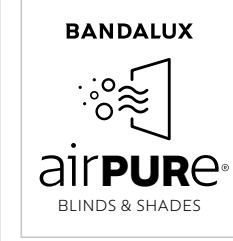
● To guarantee proper functioning, Bandalux will provide the right motor model for the shade size.

**AUTOMATISMS**

SINGLE-CHANNEL REMOTE	MULTI-CHANNEL REMOTE
SITUO 1 RTS PURE ref.06700970C	SITUO 5 RTS PURE ref.06700881C

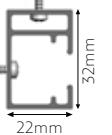
● See other colors and automatisms on Motorization section page 16.

### OTHER BOTTOM RAILS

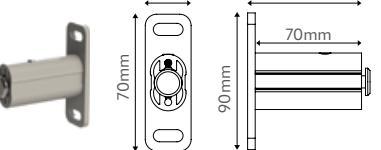
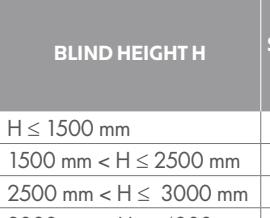
HIDDEN Ø30	SLIM 35	COLLECTION AIRPURE®
		 <p><b>Airpure® Shades:</b></p> <ul style="list-style-type: none"> <li>Collection Polyscreen® 550 Airpure® in the following colors: Ash, Pearl, White, White Linen and White Pearl.</li> <li>Collection Mega BO Airpure® in the following colors: Alabaster, Black, Dark Grey and White.</li> </ul>

● For further information, please check the technical data on page 13.

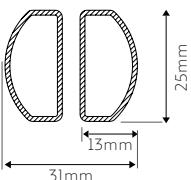
### SIDE CHANNEL OPTIONS<sup>(1)</sup>

CABLE GUIDE	FASTENING WALL	FASTENING FLOOR	U CHANNEL	U-302 COMPACT LONG	U-402 LONG
CABLE GUIDE INOX Ø5mm					
<p>● It's mandatory to select a side channel system for correct installation of the Solar B-Box.</p>					

### ADDITIONAL BRACKETS

REINFORCED CEILING	REINFORCED WALL	CHANNEL SPACER SUPPORT	BLIND HEIGHT H	Nº OF SUPPORTS PER SLIDE								
												
			<p>● Incompatible with frontally installed aluminium channels.</p>									
			<p>● Only with U-402 long U channel.</p>									
			<table border="1"> <tr> <td>H ≤ 1500 mm</td> <td>2</td> </tr> <tr> <td>1500 mm &lt; H ≤ 2500 mm</td> <td>3</td> </tr> <tr> <td>2500 mm &lt; H ≤ 3000 mm</td> <td>4</td> </tr> <tr> <td>3000 mm &lt; H ≤ 4000 mm</td> <td>5</td> </tr> </table>	H ≤ 1500 mm	2	1500 mm < H ≤ 2500 mm	3	2500 mm < H ≤ 3000 mm	4	3000 mm < H ≤ 4000 mm	5	
H ≤ 1500 mm	2											
1500 mm < H ≤ 2500 mm	3											
2500 mm < H ≤ 3000 mm	4											
3000 mm < H ≤ 4000 mm	5											

## INTERMEDIATE PROFILES

 <p>WIND PROFILES</p>	
<p>The wind profile option includes 2 profiles for shade heights under 2m, and 4 profiles for shade heights of 2m and higher. Half of the profiles will be installed on each side of the shade.</p> <p><small>① Maximum width 2500 mm.</small></p>	

## PERSONALIZATION

### CHECK 'DIGITAL PRINTING' RATE



## CASSETTE SIZES (mm)

SELF-SUPPORTING		REINFORCED WALL BRACKET		REINFORCED CEILING BRACKET		
A	B	A	B	A	B	
B-Box 136	136	136	147	147	136	147

## WIDTH OF SPACE BETWEEN THE BRACKET AND THE FABRIC (GAP)

MOTOR ø40	CABLE GUIDE		GUIDAGE ALUMINIUM U-LONG	
	a1	31 mm	31 mm	28 mm <sup>①</sup>
	a2	23 mm		
<small>① Information for Slim 35 bottom rail. With hidden bottom rail, subtract 2 mm.</small>				

## BOTTOM RAILS AND STACKING HEIGHT (mm)

B-BOX 136*	HIDDEN BOTTOM RAILS		VIEW BOTTOM RAIL	
	A	B	A	B
B-BOX 136*	167	205	177	205
<small>① Information for reinforced ceiling bracket.</small>				

# BANDALUX