

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



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.



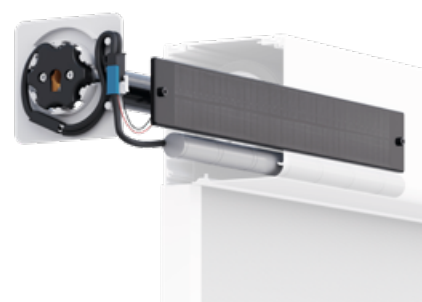
Accessible box

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.

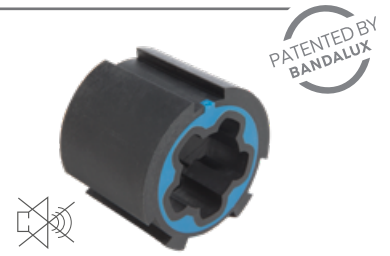
It can be easily set up by a simple one hand move thanks to its internal compression spring.



NEW ROLLER WITH BOX AND SOLAR PANEL

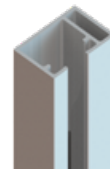
Smooth and silent motorization

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

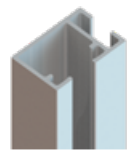
A wide variety of cable guides and aluminum channels, designed for any type of installation, to reduce gaps to the bare minimum.



U-302
COMPACT
LONG



STAINLESS STEEL
CABLE GUIDE
ø5mm



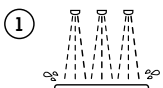
U-402
LONG

Air purifying shades

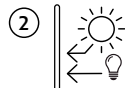
As a result of Bandalux' ongoing technological innovation and its commitment to sustainability, it has launched a new shade able to purify the air in any room.

Application of a nanocoating on the technical fabric

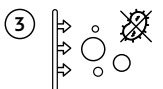
The shade is treated as follows:



① A mixture of oxide minerals is applied to the shade's fabric.



② This mixture is naturally activated by sunlight or artificial lighting.



③ 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

 White RAL 9016	 Grey RAL 9006	 Brown RAL 8019
 Black RAL 9011	 Ivory RAL 1013	 Anthracite RAL 7016

ⓘ By default, Bandalux will provide the profiles and components in white. If you prefer a different color, please specify it on the order form.

MOTOR	MOTOR NAME	Voltage (V)	Ø mm	Nm	r.p.m.	Power (W)	Current (A)	Min. shade width (mm)
SOLAR MOTOR	SUNEA 40 6/18	12	40	6	18	24	2,00	700
KIT RTS	SUNEA 40 10/12	12	40	10	12	32	2,67	700

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

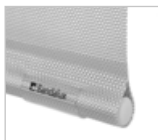
AUTOMATISMS

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

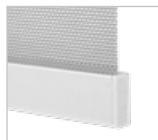
ⓘ See other colors and automatisms on Motorization section page 16.

OTHER BOTTOM RAILS

HIDDEN Ø30



SLIM 35



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

COLLECTION AIRPURE®



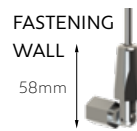
Airpure® Shades:

- Collection Polyscreen® 550 Airpure® in the following colors: Ash, Pearl, White, White Linen and White Pearl.
- Collection Mega BO Airpure® in the following colors: Alabaster, Black, Dark Grey and White.

SIDE CHANNEL OPTIONS⁽¹⁾

CABLE GUIDE

CABLE GUIDE
INOX Ø5mm



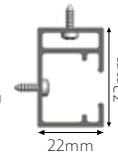
FASTENING WALL
58mm



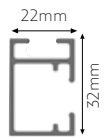
FASTENING FLOOR
60mm

U CHANNEL

U-302
COMPACT LONG



U-402 LONG



ⓘ ⁽¹⁾ It's mandatory to select a side channel system for correct installation of the Solar B-Box.

ⓘ Only with channel spacer support.

ADDITIONAL BRACKETS

REINFORCED CEILING

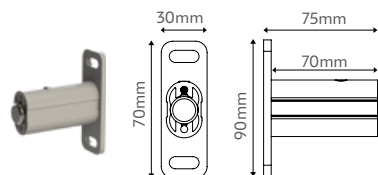


REINFORCED WALL



ⓘ Incompatible with frontally installed aluminium channels.

CHANNEL SPACER SUPPORT



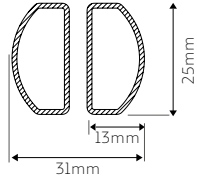
ⓘ Only with U-402 long U channel.

BLIND HEIGHT H	N° OF SUPPORTS PER SLIDE
H ≤ 1500 mm	2
1500 mm < H ≤ 2500 mm	3
2500 mm < H ≤ 3000 mm	4
3000 mm < H ≤ 4000 mm	5

INTERMEDIATE PROFILES



WIND PROFILES



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.

ⓘ Maximum width 2500 mm.

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 $\varnothing 40$		CABLE GUIDE	GUIDAGE ALUMINIUM U-LONG
		a1	31 mm
a2	23 mm	28 mm ⁽¹⁾	

ⓘ ⁽¹⁾ Information for Slim 35 bottom rail. With hidden bottom rail, subtract 2 mm.

BOTTOM RAILS AND STACKING HEIGHT (mm)

	HIDDEN BOTTOM RAILS				VIEW BOTTOM RAIL	
	A	B	A	B	A	B
B-BOX 136*	167	205	177	205	183	205

ⓘ *Information for reinforced ceiling bracket.

BANDALUX