



Z-BOX SOLAR®

TECHNICAL DATA

- New Z-Box Solar®, the motorized roller shade with a wind-resistant and weatherproof cassette, thanks to its zipper system and its manufacture with materials designed to withstand outdoor conditions (aluminum cassette, side channels and covers, stainless steel screws and highly durable plastic caps).
- It comes with a kit comprising a solar panel, a battery, and a motor that operates 100% on renewable solar energy, eliminating the need for electrical installation.

Z-BOX SOLAR®

ROLLER SHADE WITH CASSETTE AND BUILT-IN SOLAR PANEL



No electrical installation

No electrical installation required. The **solar panel** captures the sun's rays and transforms them into electrical energy to charge the motor's battery, making it a **100% autonomous** shade.

Saving time and money thanks to its quick installation, without the need of electrical channels.



100% sustainable renewable energy

Includes a kit consisting of a solar panel, a rechargeable battery, and a motor powered by **renewable energy from the sun**.

Outdoor shade

Optimize battery recharging by avoiding shaded areas near the solar panel. Keep the **photovoltaic cells** clear of obstructions, there should be no element in front.

OUTDOOR
INSTALLATION 



Autonomous motorized shades

The available **motors** are **rechargeable** and operate **with radio frequency technology**.

In the initial delivery of the Z-Box Solar®, Bandalux will offer the battery of the motor fully charged (later it must be recharged).

Optimal cable management

Bandalux has developed a solution that allows for the optimal management of **cables inside the cassette**. This way, connected cables are properly positioned and organized.



Rechargeable battery housed inside the drawer

The shade's **cassette** is **accessible** and contains the rechargeable battery to facilitate its **replacement** or maintenance.

Resistance and reliability

The end caps developed by Bandalux feature highly robust axles.

The bracket incorporates high-precision bearings, providing the system with **silent, smooth movement and a perfectly concentric rotation**.



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Wind-resistant shade

Its **Zip system** ensures a perfect grip of the fabric, guaranteeing great wind resistance.

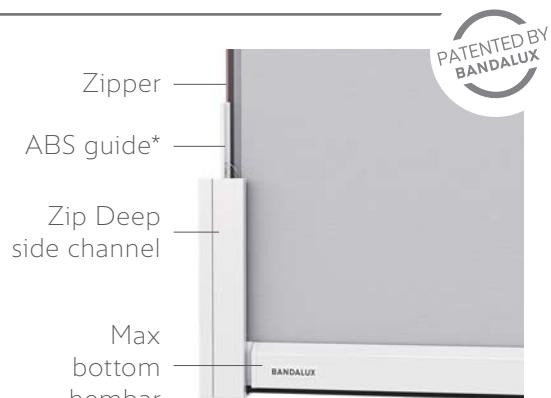
The Z-Box Solar® shade has been certified across its full dimensional range with the highest score, Class 6, according to EN13561 regulations by an external and independent laboratory. Z-Box Solar® has gone further, **withstanding wind speeds of up to three times Class 6 (265 km/h)** in test conditions on a 200 x 200 cm shade.

Zipper system with Zip Deep side channel and Max bottom hembar

The Zip Deep side channel allows the zipper to be concealed, optimizing light blockage with blackout fabrics.

Bandalux's patented stainless steel spring system **ensures the fabric's firmness and absorbs wind force**.

The new Max bottom hembar improves fabric drape, consistency, and tension, optimizing its performance even in narrow shades.



Self-supporting system

The **Zip Deep side channel** installed either frontally or laterally allow the cassette not to require installation bracket, as it rests on the side guide (which supports its weight).

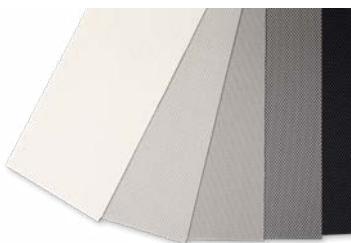
EcoAttitude for a Better Future

We design and manufacture our products with the **planet's well-being** as our top priority.

We add value with innovative solutions for the environment, utilizing **renewable energy**, conscientiously manufactured, and with the primary focus on building a **sustainable future** for the new generations.



BANDALUX
SUSTAINABLE
PRODUCTS



Available fabrics

- Polyscreen® 351* and Polyscreen® 550*.
- Mega BO and Trend Light.
- Insect screen.

! * Check available colors.

Maximum opacity

As it is a guided shade with a zipper closure, there is no gap* between the fabric and the side guide, making it the system that offers the highest opacity when combined with Bandalux's **blackout range fabrics**.

! * Clearance space between side guide and fabric.



Maximum visibility

Also available with insect screen fabric, which features a **wide degree of openness**, offering **great visibility** in the installed area. Additionally, you can effectively keep insects out of your home.



Z-BOX SOLAR®

OPTIONS AND TECHNICAL DATA



OUTDOOR INSTALLATION

MAXIMUM WIDTH
220"

MAXIMUM HEIGHT
118"

MAXIMUM SURFACE
20 yd²

Profile colors available



White



Anodized



Dark
Brown



Black

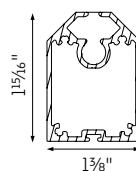
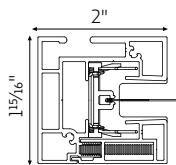
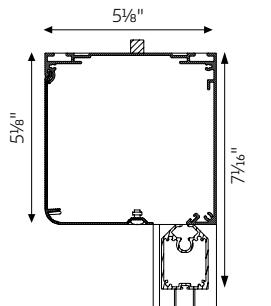
● By default, Bandalux will provide the products in white, unless a different color is specified on the order form or eBa.

Operating systems



Solar Motor

Cassette, side guides, bottom hembar and retraction heights dimensions



Max
bottom hembar

Operating system options

Operating System	Motor	Volt (V)	Ø (mm)	Nm	r.p.m.	Power (W)	Intensity (A)	Min. shade width
BANDALUX RADIO	Kit Solar Radio 40 6/16	12	40	6	16	36	3,00	27 1/16"
	Kit Solar Radio 40 10/12	12	40	10	12	36	3,00	27 1/16"
	Kit Solar Radio 50 20/16 ⁽¹⁾	12	50	20	16	72	6,00	27 1/16"
SOMFY® RTS ⁽²⁾	Solar Kit Sunea 40 RTS 6/18	12	40	6	18	24	2,00	27 1/16"
	Solar Kit Sunea 40 RTS 10/12	12	40	10	12	32	2,67	27 1/16"

● (1) Required for measurements exceeding 126" in width. / (2) Only for widths less than 126". / To guarantee a proper functionality Bandalux will provide the appropriate motor model according to the shade size. / For safety reasons, it is recommended to associate a wind sensor for shades installed outdoors. For measurements exceeding 10,76 yd², it is essential to associate this sensor.

Accessories

Operating System	Single channel remote control	Multi channel remote control
BANDALUX RADIO SOLAR MOTOR KIT	1 CH Ref. 06700073U	5 CH Ref. 06700074U
SOMFY® RTS SOLAR MOTOR KIT	Situo 1 Ref. 06700970C	Situo 5 Ref. 06700881C

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OPTIONS AND TECHNICAL DATA

Spare parts

- 1** 06704010 Somfy® RTS motor solar panel
- 06704450 Bandalux 6/16 - 10/12 motor solar panel
- 06704460 Bandalux 20/16 motor solar panel
- 2** 06704011 Somfy® RTS motor battery
- 06704410 Bandalux 6/16 - 10/12 motor battery
- 06704420 Bandalux 20/16 motor battery
- 3** 06704012 Battery holder
- 4** 06704200 Z-Box Solar cable separator



Profile special color

Flat rate 1-25 units

Box + bottom hembar

Side channels (pair)

● Customized hardware colors available upon request. RAL number must be indicated.

Reinforced brackets (optional)



Ceiling reinforced bracket



Wall reinforced bracket



Compensating wedges Kit

● Brackets are visible and include cotter.

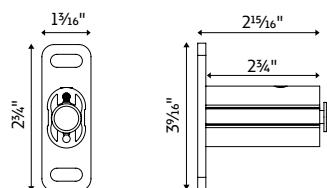
● Brackets are visible and include cotter. / Not compatible with front-installed aluminum side channels.

● Bandalux will provide 3 units by default.

Channel spacers



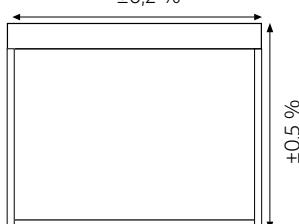
Channel spacer bracket



Shade height H	No. brackets per guide
H ≤ 59"	2
59" < H ≤ 98"	3
98" < H ≤ 118"	4

Production tolerance

±0,2 %



BANDALUX

