



Zi-Box

Blackout Systems

The new system patented by Bandalux that brings together the advantages of the B-Box and the Z-Box in the same product.

COLORS:

<input type="checkbox"/> White RAL 9016	<input type="checkbox"/> Grey RAL 9006
<input type="checkbox"/> Black RAL 9011	<input type="checkbox"/> Ivory RAL 1013
<input type="checkbox"/> Brown RAL 8019	<input type="checkbox"/> Anthracite RAL 7016

Operating systems

Chain, motor

Double drop

With 1 and 2 operating systems

Options

Safekids, Digital Printing

Maximum blackout effect Thanks to the Easy Zip system



Hiding from inside

The new channeling **Easy Zip** ensures that the fabric does not get out of the channels. Combined with a Blackout fabric, **block sunlight**.

Maximum resistance

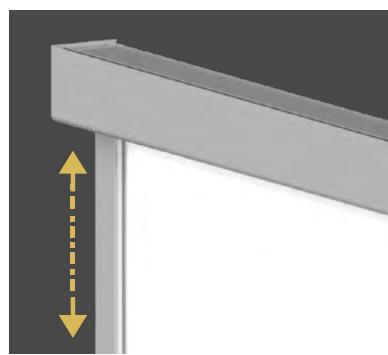
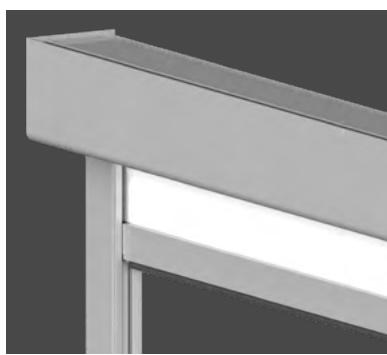
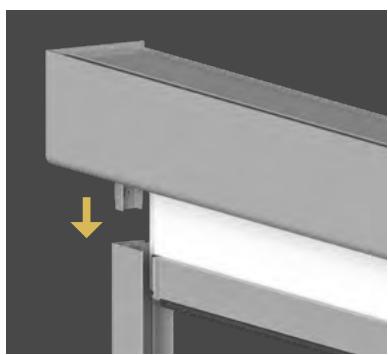
The Bandulux - developed end pieces are equipped with more robust spindles.

The support includes high-precision rollers with bearings that deliver quieter, **smoother movement** and perfectly concentric rotation.



Ease of assembly

The **integration of the exclusive channeling rack to the telescopic channels** allows the installation in irregular surfaces facilitating the firmness of the fabric at all times. The channels are supplied completely assembled and thanks to the self-supporting cassette the installation is very simple.



1 Installation of the carrier channels and assembly of the cassette in the self-supporting channel.

2 Assembly of the complete mobile channels inside the carrier channels.

3 Operating system of the shade, placement of the mobile channels in their correct position and final fixation with rivets.

Three cassette sizes

Different cassette sizes to join capacity and aesthetics.

136 mm
100 mm
85 mm



Child safety



Child Safety

This is the standard safety device on the market, supplied by default with your blind order.



SafeKids, a new option patented by Bandalux,

Is highly effective because it can't be taken apart or tampered with, ensuring that the chain stays attached to the wall.

Sensor motor with safety features

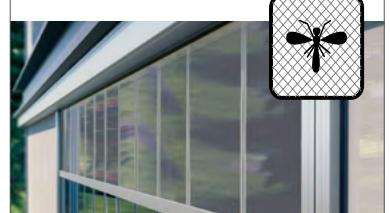
This radio frequency motor is equipped with safety features to stop the blind from moving if it detects an obstacle, preventing potential damage to people and objects.



When an obstacle is detected, the motor pauses and then tries to complete the command three times. The motor will then stop if it continues to detect the obstruction after the third attempt.

Insect screen

The Zi-Box is also available with insect screen fabric.



Quieter motor

All motors incorporate a **new multi-material technology** blind drive that has been designed by Bandalux to reduce the noise and vibrations that the motor makes.

*PATENTED BY
BANDALUX*

BANDALUX

230V



Rechargeable battery



BANDALUX SENSOR

230V



SOMFY®

230V



Maximum blackout effect Thanks to the Easy Zip system

Improved chain operating: rugged, smooth and durable

Smooth and silent drive, thanks to the use of materials that allow a high precision geometry.

The springs, of German technology and manufacture, calibrated and heat-treated, provide greater resistance to the system.

All elements susceptible to wear and tear are made of steel, thus ensuring the durability of the entire mechanism.



Redux mechanism integrated

The REDUX mechanism has an internal planetary gear system that reduces drive effort by up to 30%.

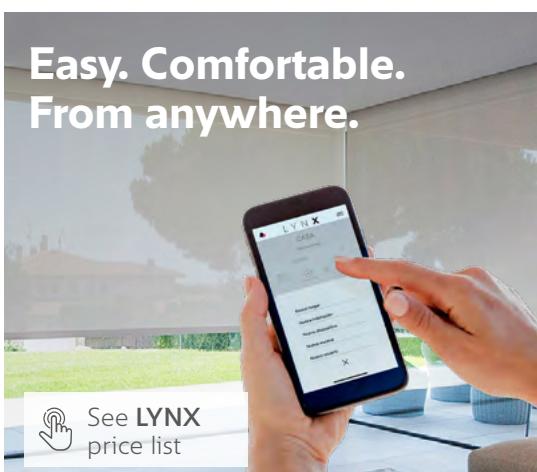
The planetary system requires a chain displacement higher than the height of the shade, so this system does not have mechanical stops to fix the end of the stroke at the top and at the bottom.

Note: Since the system has no limit switch, users need to be careful when operating the blind to keep the fabric from unrolling/rolling up too far.



LYNX, smart blinds

The app that allows you to control all Bandalux window coverings solutions, wherever you are.



Available for
Android and iOS.
Compatible with:



Contactless comfort

Manage your blinds from your Smartphone or via voice control.

Atmospheres personalization

Program and automate as many scenes as you want and confirm the position of your blinds at any time.

Peace of mind

Enable presence simulation scenes when you are away from home.

Efficiency and savings

Take advantage of sunlight cycles, react to the climatic conditions and, as a consequence, save on your electricity bill.

Connected environment

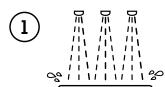
In addition to blinds, LYNX allows you to connect other elements such as music, lamps, fans...

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

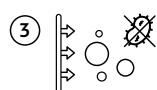
The shade is treated as follows:



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).



BANDALUX

airPURE®
BLINDS & SHADES

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

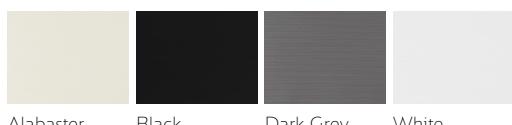
Pearl

White

White Linen

White Pearl

MEGA BO AIRPURE®



Alabaster

Black

Dark Grey

White

New motorized option with external solar panel



NEW

The Bandalux Solar Station Kit offers a motorized, sustainable and self-sufficient Zi-Box solution powered by sunlight; no electrical installation required.

The kit includes a solar panel, a rechargeable battery and a motor, making it an eco-friendly and efficient choice that eliminates the need for electrical wiring.

To maximize sunlight capture, the solar panel and battery should be installed outdoors (e.g., on a façade or roof). The motor is built into the blind's tube or rod and connected to the solar panel with wiring.⁽¹⁾

⁽¹⁾ (1) Includes a 500 cm cable. Compatible with an optional 3 m extension cable.

SERVED BY DEFAULT

CHAIN OPERATED	ASSISTED SPRING	EASY ZIP CHANNELS	SLIM 45MM BOTTOM BAR	CHILD SAFETY CHAIN RETAINER
				
				
COLORS	<input type="checkbox"/> White RAL 9016	<input checked="" type="checkbox"/> Grey RAL 9006	<input checked="" type="checkbox"/> Brown RAL 8019	<input checked="" type="checkbox"/> Black RAL 9011
				<input type="checkbox"/> Ivory RAL 1013
				<input type="checkbox"/> Anthracite RAL 7016

① By default, Bandalux will provide the products in white, unless a different color is specified on the order form.

COLLECTION AIRPURE®

BANDALUX  airPURE® BLINDS & SHADES	AIRPURE® SHADES:
<ul style="list-style-type: none"> • Collection Polyscreen® 550 Airpure® in the following colors: Ash, Pearl, White, White Linen and White Pearl. 	
<ul style="list-style-type: none"> • Collection Mega BO Airpure® in the following colors: Alabaster, Black, Dark Grey and White. 	

MOTORIZED OPTIONS

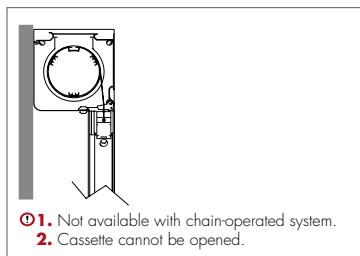
		MOTOR ⁽¹⁾	AUTOMATISMS			
			SINGLE-CHANNEL REMOTE CONTROL	MULTI-CHANNEL REMOTE CONTROL	OTHER	
Hardwired 230Vac	Bandalux	PARMA 40 9/16			SOMFY® SMOOVE UNO Ref. 06700610B	
		M2 50 6/32, 20/17				
		M2 50 40/17 ⁽²⁾				
		SENSOR 40 9/14				
		SENSOR 50 30/17				
	Somfy®	ARIANE 50 6/32				
		MARS 40 9/14				
		ATLAS 50 15/32				
		ARIES 40 SHORT 4/16				
		MARINER 50 40/17 ⁽²⁾				
Radio 230Vac	Somfy®	MAESTRIA 50 6/17, 10/17, 15/17 ⁽⁴⁾				
		MAESTRIA 50 25/17 ⁽²⁾⁽⁴⁾				
		SONESSE 40 9/12				
		SONESSE 50 6/28, 10/28, 15/17				
	Bandalux	R2 40 9/16	ELEGANCE 1 Ref. 06702000B	ELEGANCE 4 Ref. 06702100B	--	
		R2 50 6/32, 20/17				
		R2 50 40/17 ⁽¹⁾				
		SENSOR RADIO 40 9/14		5 CHANNEL SENSOR TRANSMITTER Ref. 06700074		
		SENSOR RADIO 50 30/17				
IO 230Vac	Somfy® RTS	ALTUS 40 9/16	SITUO 1 RTS PURE Ref. 06700970C	SITUO 5 RTS PURE Ref. 06700881C	--	
		ALTUS 40 6/32, 15/17				
		ALTUS 50 40/17 ⁽²⁾				
		SONESSE 40 9/12				
		SONESSE 50 6/28, 10/28, 15/17				
	Somfy® IO Silent ⁽³⁾	SUNEA SCREEN 40 9/16	SITUO 1 IO PURE Ref. 06700620B	SITUO 5 IO PURE Ref. 06700625B	--	
		SUNEA SCREEN 50 6/32, 15/32				
		SONESSE 50 40/17 ⁽²⁾				
		SONESSE 40 6/20				
		RECHARGEABLE BI 40 10/9				
Battery 12Vdc	Bandalux Silent ⁽³⁾	RECHARGEABLE BI 50 13/11	1 CHANNEL TRANSMITTER Ref. 06701100B	15 CHANNEL TRANSMITTER Ref. 06701110B	CHARGER FOR AC Ref. 06701215 CABLE USB TYPE C Ref. 06701275	
		KIT SOLAR STATION 40 10/12				
		KIT SOLAR STATION 50 20/16				
		KIT SOLAR STATION 50 30/9				
	Radio solar external panel	1 CHANNEL TRANSMITTER Ref. 06700073		5 CHANNEL TRANSMITTER Ref. 06700074		

①. See motor specifications on page 5. / ②. Mandatory for dimensions greater than 3000 mm wide. / ③. Motor only compatible for indoor installation. / ④. Motor with electronic limit switch.

OPTIONAL BRACKETS

CEILING	85	100	136
			
WALL (Incompatible with frontally installed channels)	85	100	136
			

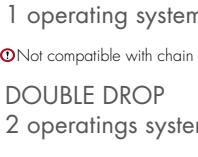
INST. OPPOSITE DIRECTION



EASY ZIP BOTTOM PROFILE



DOUBLES TOMBÉES

	DOUBLE DROP 1 operating system
	DOUBLE DROP 2 operating systems

① Not compatible with chain operating system.

OTHER OPTIONS

PERSONALIZATION 	SAFEKIDS (CHILD SAFETY SYSTEM) 	METALLIC CHAIN 	TRANSPARENT CHAIN 
			① Chain tensioner not included.

OPERATING SYSTEMS AND MINIMUM SHADE WIDTH

Operating system		Voltage (V)	Ø mm	Nm	r.p.m	Power (W)	Amperage (A)	Minimum shade width
CHAIN			--	--	--	--	--	350 mm ⁽¹⁾
MOTORS BANDALUX HARDWIRED	PARMA 40 9/16	230	40	9	16	110	0,48	650 mm
	M2 50 6/32	230	50	6	32	120	0,52	660 mm
	M2 50 20/17	230	50	20	17	160	0,70	710 mm
	M2 50 40/17	230	50	40	17	240	1,04	710 mm
	SENSOR 40 9/14	230	40	9	14	120	0,52	740 mm
	SENSOR 50 30/17	230	50	30	17	253	1,10	740 mm
MOTORS BANDALUX RADIO	PARMA 40 9/16	230	40	9	16	110	0,48	650 mm
	R2 50 6/32	230	50	6	32	120	0,52	710 mm
	R2 50 20/17	230	50	20	17	160	0,70	730 mm
	R2 50 40/17	230	50	40	17	240	1,04	770 mm
	SENSOR 40 9/14	230	40	9	14	120	0,52	740 mm
	SENSOR 50 30/17	230	50	30	17	253	1,10	740 mm
BANDALUX MOTORS RECHARGEABLE BATTERY ⁽²⁾	RECHARGEABLE BI 40 10/9	12	40	10	9	21	1,75	810 mm
	RECHARGEABLE BI 50 13/11	12	50	13	11	40	3,5	990 mm
MOTORS SOMFY® HARDWIRED	MARS 40 9/16	230	40	9	16	100	0,43	600 mm
	ARIES SHORT 40 4/16	230	40	4	16	65	0,28	550 mm
	ARIANE 50 6/32	230	50	6	32	120	0,52	670 mm
	ATLAS 50 15/32	230	50	15	32	240	1,04	750 mm
	MARINER 50 40/17	230	50	40	17	270	1,17	810 mm
	MAESTRIA 50 6/17 ⁽³⁾	230	50	6	17	90	0,45	710 mm
	MAESTRIA 50 10/17 ⁽³⁾	230	50	10	17	120	0,5	710 mm
	MAESTRIA 50 15/17 ⁽³⁾	230	50	15	17	140	0,65	760 mm
	MAESTRIA 50 25/17 ⁽³⁾	230	50	25	17	170	0,8	760 mm
	SONESSE 40 9/12	230	40	6	16	100	0,43	650 mm
MOTORS SOMFY® RADIO	SONESSE 50 6/28	230	50	6	32	90	0,39	750 mm
	SONESSE 50 10/28	230	50	15	17	140	0,61	750 mm
	SONESSE 50 15/17	230	50	40	17	270	1,17	750 mm
	ALTUS 40 9/16	230	40	9	12	120	0,52	650 mm
MOTORS SOMFY® SILENT HARDWIRED ⁽²⁾	ALTUS 50 6/32	230	50	6	28	146	0,63	800 mm
	ALTUS 50 15/17	230	50	10	28	180	0,78	810 mm
	ALTUS 50 40/17	230	50	15	17	153	0,67	900 mm
	SONESSE 40 9/12	230	40	9	12	120	0,52	690 mm
MOTORS SOMFY® SILENT RADIO ⁽²⁾	SONESSE 50 6/28	230	50	6	28	146	0,63	950 mm
	SONESSE 50 10/28	230	50	10	28	180	0,78	940 mm
	SONESSE 50 15/17	230	50	15	17	153	0,67	940 mm
	SUNEA SCREEN 40 9/16	230	50	6	32	120	0,52	810 mm
MOTORS SOMFY® IO	SUNEA SCREEN 50 6/32	230	50	15	32	240	1,04	820 mm
	SUNEA SCREEN 50 15/32	230	50	40	17	270	1,17	890 mm
	SUNILUS 50 40/17	230	50	40	17	270	1,17	890 mm
MOTOR SOMFY® IO SILENT	SONESSE 40 6/20	230	40	6	20	120	0,52	700 mm
BANDALUX RADIO SOLAR	KIT SOLAR STATION 40 10/12	12	40	10	12	36	3	640 mm
	KIT SOLAR STATION 50 20/16	12	50	20	16	72	6	690 mm
	KIT SOLAR STATION 50 30/9	12	50	30	9	72	6	690 mm

! 1. Shades with chain operating system and a width of less than 1500mm may require a higher operation power than shades with a width greater than 1500mm since they do not incorporate the assisted spring. / **2.** Motor only compatible for indoor installation. / **3.** Motor with electronic limit switch.



CONTROLS HEIGHT

CHAIN WITH CHILD SAFETY SYSTEM

The **Child Safety/Safekids** piece must be positioned at a minimum height of 1,5m from the floor.

CHAIN WITHOUT CHILD SAFETY SYSTEM

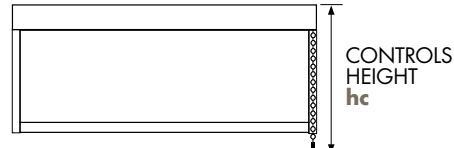
If the Child Safety/Safekids feature is declined, the controls height will be:

FOR Zi-BOX 85, Zi-BOX 100

Minimum calculation for hc: H x 0,70

FOR Zi-BOX 136

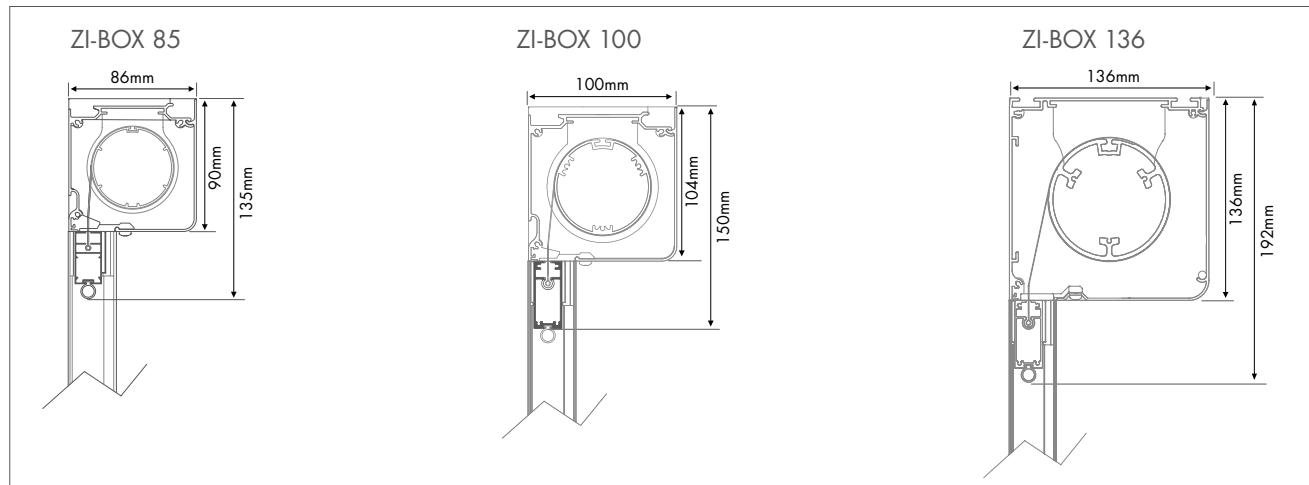
Minimum calculation for hc: H x 0,90



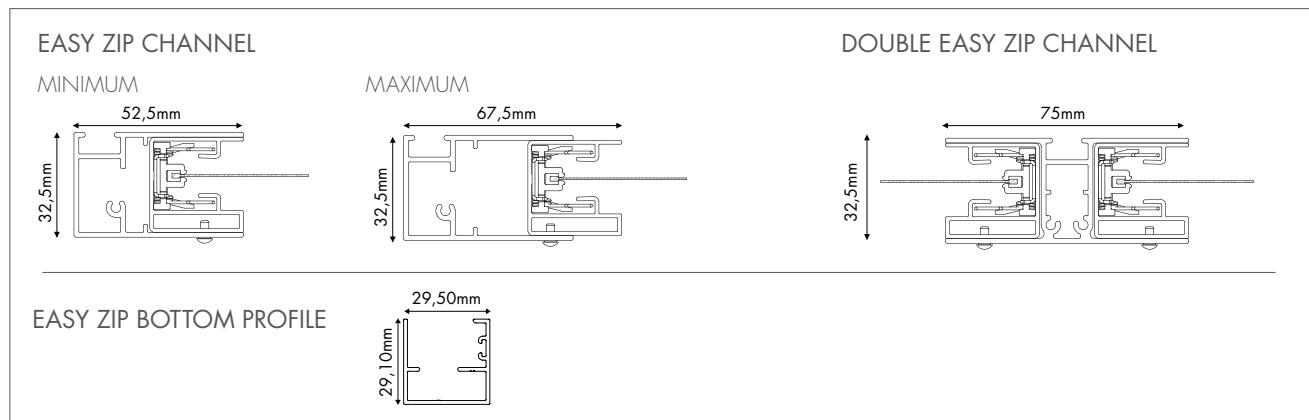
Example of calculation		
Shade height H	Controls Height hc (minimum)	
	Zi-85, Zi-100	Zi-BOX-136
1000mm	700mm	900mm
2000mm	1400mm	1800mm
4000mm	2800mm	3600mm

! The controls height will always be measured from the uppermost section of the shade (upper end of the bracket), to the lower part of the chain tensioner.

RETRACTION HEIGHT (mm)



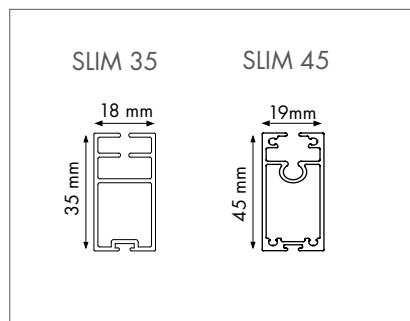
SIDE GUIDES DIMENSIONS



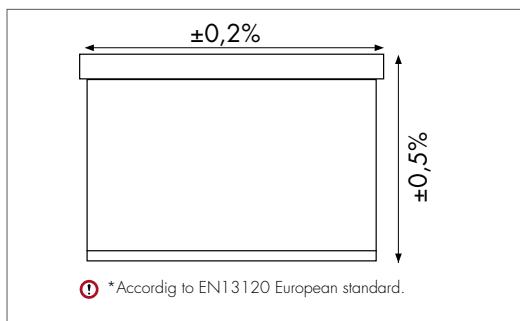
DOUBLE DROP



BOTTOM BARS



PRODUCTION TOLERANCE



① *According to EN13120 European standard.

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