





# PREMIUM

The indoor shade that welcomes Bandalux innovative solar protection solutions. A light and functional look on a system that packs high accuracy technology for a smoother performance. Its fine design and visual lightness grant high capability to suit many different decorative styles.



## AVAILABLE COMPONENT COLORS

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

## OPERATING SYSTEMS



Chain



Motor

### MAXIMUM WIDTH

**2400** x 2200 mm

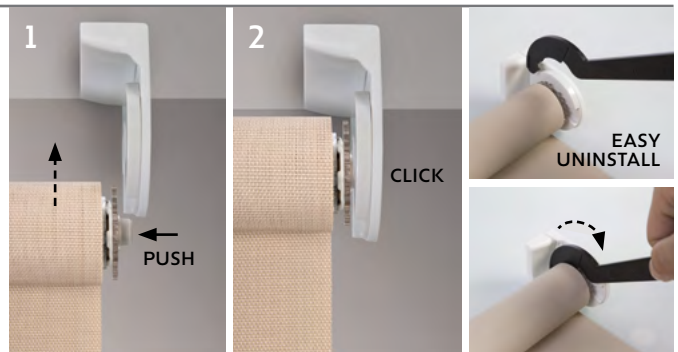
### MAXIMUM HEIGHT

2000 x **2600** mm

🔊 Check 'Fabric Limits' in ProArea.

## New prop side system

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.



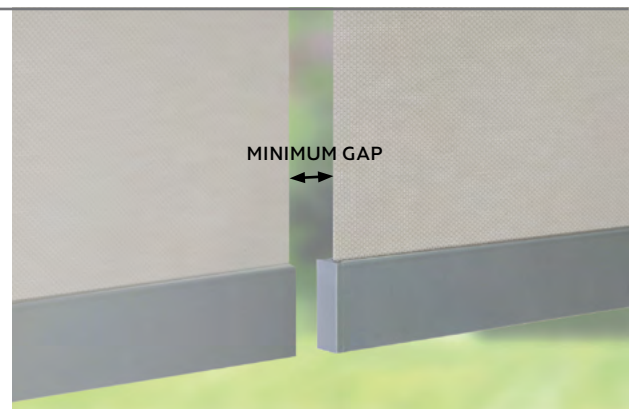
## Double drop (transmission)

Bandalux's new transmission delivers enhanced smoothness enabling two rolling tubes to operate with just one operating system. It also allows aligning both drops.



## Minimum space between fabric and bracket

This light system design has been renewed to minimize the space between fabrics and, this way, reducing the GAP and the possible incoming light.



## Trazer pelmet

Praise your shade aesthetics with this elegant decorative accessory; able to be set on roller shades, vertical blinds, traditional curtains and sliding panels.



## Junction profile for an easier installation

The junction profile compact design makes the system adjust to any kind of surface, facilitating its installation.



## 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.



## Maximum comfort and softness of use

### Redux mechanism

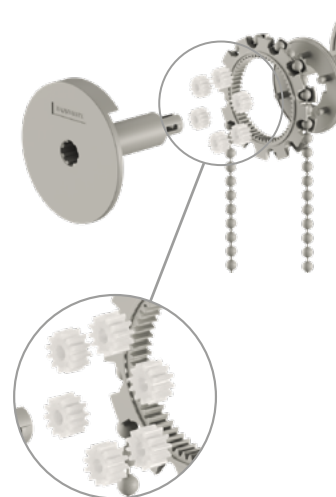
The REDUX mechanism has an internal planetary gear system that reduces drive effort by up to 30%.

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.



Redux  
mechanism



Planetary

## Child safety

Bandalux prioritizes security and therefore supplies by default a child safety system that holds the chain tight to the wall to prevent children from getting entangled in it.

### Child Safety

Standard security device in the market that is served by default.

### Safekids, patented by Bandalux

Highly efficient security device that ensures the attachment of the chain to the wall. The shade can only be operated if the device is installed.

Child Safety



Safekids



## 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.



BANDALUX



230Vac



Rechargeable battery

SOMFY®



230Vac



Rechargeable battery

## New motorized option with external solar panel



The Bandalux Solar Station Kit offers a motorized, sustainable and self-sufficient Premium 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.

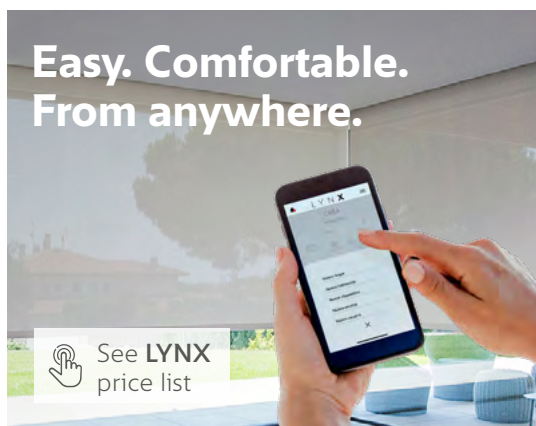
To maximize sunlight capture, the solar panel and battery should be installed outdoors (e.g., on a façade or roof). The motor is built into the blind's tube or rod and connected to the solar panel with wiring.<sup>(1)</sup>

<sup>(1)</sup> Includes a 500 mm cable. Compatible with an optional 3 m extension cable.



## 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

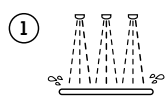
In addition to blinds, LYNX allows you to connect other elements such as music, lamps, fans...

## Air purifying shades

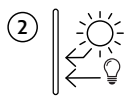
As a result of Bandalux' ongoing technological innovation and its commitment to sustainability, it has launched a new shade able to purify the air in any room.

### Application of a nanocoating on the technical fabric

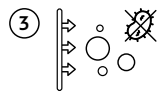
The shade is treated as follows:



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).

### 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








More info.  
**AIRPURE®**

# PREMIUM OPTIONS

## Standard configuration

### Colors

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

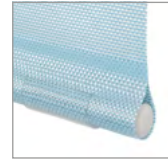
❗ The components color will be paired with the chosen fabric according to Bandalux criteria.

### Chain operated



❗ (1) Fabrics incompatible with hidden bottom bar will be served with Slim 25 bottom bar by default.

### ø 20 mm hidden bottom bar<sup>(1)</sup>



### Child Safety chain retainer



❗ Optional : Safekids device.

## Optional configuration (no additional charge)

### Long brackets

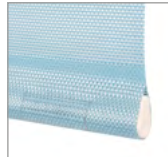


❗ For more information please check page 50.

### Transparent chain



### Teardrop bottom bar (hidden)



### Slim 25 bottom bar



### Slim 35 bottom bar



## Operating systems

### MOTOR (includes limit switch programming)

MOTOR <sup>(1)</sup>			AUTOMATISMS <sup>(2)</sup>		
			SINGLE-CHANNEL REMOTE	MULTI-CHANNEL REMOTE	OTHER
Hardwired	24Vdc	Somfy®	ROLL UP 28 WT 0.8/30 Transformer required	--	Power 1.1 DC Up Transformer Ref. 05499640
		Bandalux	VERONA 40 3/30	--	Inverter 24 Vdc Ref. 02464010
	230Vac	Somfy®	MERCURE 40 3/30	--	Somfy® Smoove Uno Ref. 06700610B
		Somfy® Quiet	ARIES 40 SHORT 4/16 SONESSE 40 3/30	--	
Radio	24Vdc	Bandalux Radio Quiet	BI 28 2/28 Integrated transformer	1 CH transmitter White Ref. 06701100B	15 CH transmitter White Ref. 06701110B
		Bandalux Radio	VERONA RADIO 40 3/30	Elegance 1 White Ref. 06702000A	Elegance 4 White Ref. 06702100A
	230Vac	Somfy® RTS	ALTUS 40 3/30	Situo 1 RTS Pure Ref. 06700970C	Situo 5 RTS Pure Ref. 06700881C
		Somfy® RTS Quiet	SONESSE 40 3/30	--	--
Radio IO	230Vac	Somfy® IO	SUNEA SCREEN 40 3/30	Situo 1 IO Pure Ref. 06700620B	Situo 5 IO Pure Ref. 06700625B
		Somfy® IO Quiet	SONESSE 40 IO 3/30	--	--
Battery	12Vdc	Bandalux Radio Quiet	RECHARGEABLE BI 28 2/28	1 CH transmitter White Ref. 06701100B	15 CH transmitter White Ref. 06701110B
		Somfy® RTS Quiet	SONESSE 28 LI-ION RTS 1,1/28 SONESSE 30 LI-ION ULTRA RTS 2/28	Situo 1 RTS Pure Ref. 06700970C	Situo 5 RTS Pure Ref. 06700881C
Radio solar	12Vdc	Bandalux external panel	KIT STATION SOLAIRE 40 10/12	1 CH transmitter Ref. 06700073	5 CH transmitter Ref. 06700074

❗ (1) See motor characteristics on page 49. / (2) See other colors and automatisms on Motorization section page 92.



## Side guides

Cable guide  $\varnothing$  1,5 mm  
26 €/shade



Floor  
fastening



Wall  
fastening

❗ Only compatible  
with normal rolling  
direction.

## Reduced effort for chain-operated systems



### Redux mechanism

Bandalux recommends REDUX MECHANISM:  
System that **eases the drive and reduces the  
feeling of weight by 30%**.

❗ Redux mechanism does not include a limit switch / The chain  
loop length is three times the shade length.

## Junction profile



### Easier installation

#### Colors



❗ During the installation, the fastening bracket  
must be placed as close as possible to the edge  
on the controls side. / Install a bracket every  
500 mm. / Incompatible with side guides.

## Collection Airpure®



### Airpure® Shades:

· Collection Polyscreen® 550 Airpure® in the  
following colors: Ash, Pearl, White, White Linen  
and White Pearl.

## Trazer pelmet

☐ Textured white

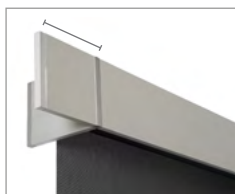
■ Anodized aluminum

### Trazer 73



❗ Prices do not include projection section.  
/ Minimum invoice 1 m. / Mount plate  
included in standard sizes.

### Projection



❗ Check technical data on page 51.

### Configurable Mount plate



❗ Mount plate size only configurable  
for ceiling installations. / Check  
maximum and minimum  
measurements on page 51.

### Corner piece 73



❗ Incompatible with existing  
shades.

## Other options



### Digital Printing



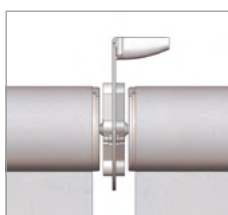
### Safekids (child safety system)

PATENTED BY  
BANDALUX



### Metallic chain

❗ Chain tensioner  
not included.



### Double drop with 2 operating systems (double support)



### Double drop with 1 operating system (transmission)

❗ The sum of the double drop shall not exceed 4,6 m. Each drop may not exceed  
the maximum shade size indicated according to the fabrication limits. See the  
book 'Fabric limits - Fabrics Collection' in AreaPro. For the non-driven drop, the  
fabrication limits for chain-driven (no motor, no crank) will be taken into account.



### No ending chain ring

❗ For measurements  
from 304 cm, only  
available in white  
and black color.

# PREMIUM

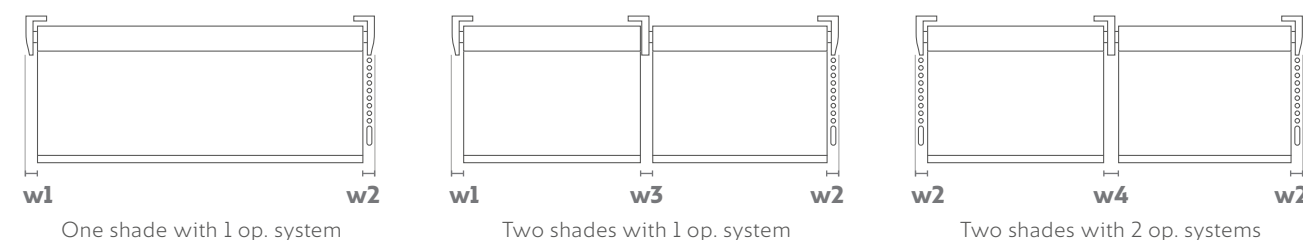
## TECHNICAL DATA

### Operating systems and minimum shade width

OPERATING SYSTEM	MOTOR NAME	Voltage (V)	Ø (mm)	Nm	r.p.m.	Power (W)	Current (A)	Min. shade width (mm)
CHAIN	--	--	--	--	--	--	--	200 <sup>(1)</sup>
BANDALUX HARDWIRED	VERONA 40 3/30	230	40	3	30	90	0,39	590
BANDALUX RADIO	R2 40 3/30	230	40	3	30	90	0,39	590
BANDALUX RADIO QUIET	BI 28 2/28	24	28	2	28	18	0,75	780
BANDALUX RADIO BATTERY QUIET	BI 28 2/28	12	28	2	28	13	1,08	780
BANDALUX RADIO SOLAR	KIT SOLAR STATION 40 10/12	12	40	10	12	36	3	610
SOMFY® HARDWIRED	MERCURE 40 3/30	230	40	3	30	80	0,35	590
	ARIES 40 SHORT 4/16	230	40	4	16	65	0,28	520
	ROLL UP 28 WT 0.8/30	24	28	0,8	30	9,6	1	400
SOMFY® HARDWIRED QUIET	SONESSE 40 3/30	230	40	3	30	95	0,41	620
SOMFY® RTS	ALTUS 40 3/30	230	40	3	30	80	0,35	610
SOMFY® RTS BATTERY	SONESSE 28 LI-ION 1,1/28	12	28	1,1	28	9,6	0,8	660
	SONESSE 30 LI-ION ULTRA 2/28	12	30	2	28	18	1,5	770
SOMFY® RTS QUIET	SONESSE 40 3/30	230	40	3	30	95	0,41	620
SOMFY® IO	SUNEA SCREEN 40 3/30	230	40	3	30	90	0,39	610
SOMFY® IO QUIET	SONESSE 40 IO 3/30	230	40	3	30	95	0,41	670

❶ (A) For widths between 200 mm and 400 mm, maximum height without side guides will be 1500 mm. Guiding needed for larger heights.

### Space between bracket and fabric (GAP)



w1 Support side

w2 Controls side

	without side guides				with cable guides			
	w1	w2	w3	w4	w1	w2	w3	w4
CHAIN <sup>(1)</sup>	21 mm	20 mm	32 mm	33 mm	21 mm	20 mm	--	--
MOTOR 230Vac <sup>(2)</sup>	21 mm	23 mm	32 mm	33 mm	21 mm	23 mm	--	--
BATTERY MOTOR <sup>(3)</sup>	21 mm	22 mm	32 mm	33 mm	21 mm	22 mm	--	--

❶ (1) Measurements taken taking into account the ø 20 mm or Teardrop hidden bottom bars. (2) Add 1 mm on the controls side for Bandalux motor-operated systems. (3) Information for battery-operated Somfy® motors.

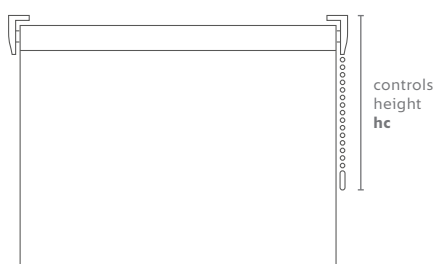
### Controls height

CHAIN-OPERATED WITH CHILD SAFETY SYSTEM

The **Child Safety/Safekids** device must be positioned at minimum 1,5m from the floor. To calculate the controls height (hc), see page 107.

CHAIN-OPERATED WITHOUT CHILD SAFETY SYSTEM

Minimum calculation for hc : Shade height (H) x 0,70 + 50 mm



❶ The controls height will always be measured from the top part of the shade (top of the bracket) to the bottom of the chain tensioner. Due to the mechanism development, the controls height can never be lower than the calculation result.

Example of calculation	
Shade height H	Controls height hc (minimum)
1000 mm	750 mm
2000 mm	1450 mm
2500 mm	1800 mm

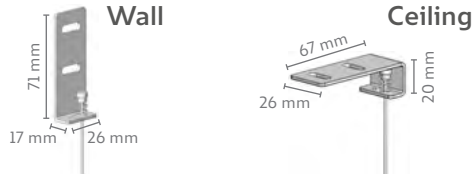


# PREMIUM

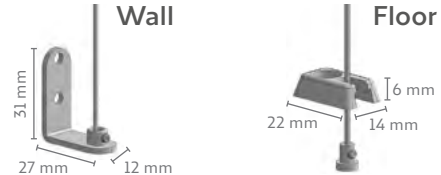
## TECHNICAL DATA

### Side guides sizes





#### SIDE GUIDES TOP PART



#### BOTTOM CABLE FASTENING



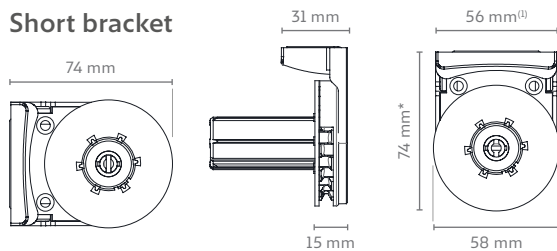
### Bottom bars and retraction heights (mm)

	HIDDEN BOTTOM BARS						VISIBLE BOTTOM BARS					
	 ø 20 mm			 Teardrop			 Slim 25			 Slim 35		
	Ceiling	Wall Min	Wall Max	Ceiling	Wall Min	Wall Max	Ceiling	Wall Min	Wall Max	Ceiling	Wall Min	Wall Max
PREMIUM SHORT BRACKET	h = 90	w <sub>1</sub> = 1 w <sub>2</sub> = 51	w <sub>1</sub> = 19 w <sub>2</sub> = 69	h = 90	w <sub>1</sub> = 6 w <sub>2</sub> = 56	w <sub>1</sub> = 24 w <sub>2</sub> = 74	h = 95	w <sub>1</sub> = 6 w <sub>2</sub> = 56	w <sub>1</sub> = 24 w <sub>2</sub> = 74	h = 105	w <sub>1</sub> = 2 w <sub>2</sub> = 52	w <sub>1</sub> = 20 w <sub>2</sub> = 90
PREMIUM LONG BRACKET	h = 110	w <sub>1</sub> = 21 w <sub>2</sub> = 71	w <sub>1</sub> = 39 w <sub>2</sub> = 89	h = 110	w <sub>1</sub> = 26 w <sub>2</sub> = 76	w <sub>1</sub> = 44 w <sub>2</sub> = 94	h = 115	w <sub>1</sub> = 26 w <sub>2</sub> = 76	w <sub>1</sub> = 44 w <sub>2</sub> = 94	h = 125	w <sub>1</sub> = 22 w <sub>2</sub> = 72	w <sub>1</sub> = 40 w <sub>2</sub> = 90

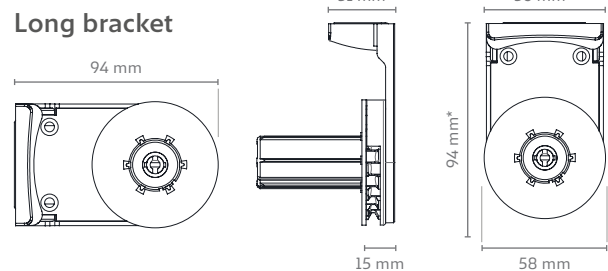
### Bracket sizes with cover and mechanisms

#### CHAIN

##### Short bracket



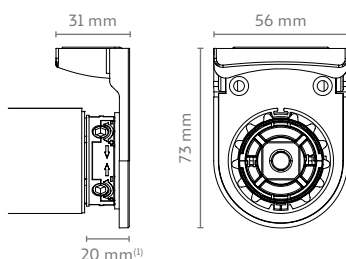
##### Long bracket



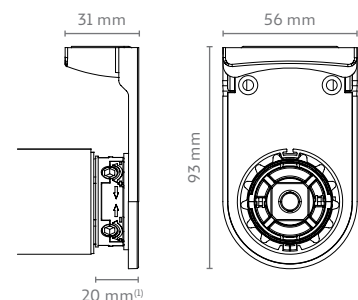
(1) Cable guiding : Add 18 mm to the width of the bracket and 2 mm to the height.

#### MOTOR

##### Short bracket



##### Long bracket



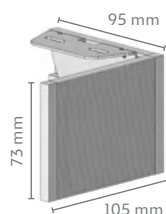
(1) On battery-operated motor, the distance is 19 mm.

# PREMIUM

## TECHNICAL DATA

### Trazer technical information

#### CORNER PIECE SIZE



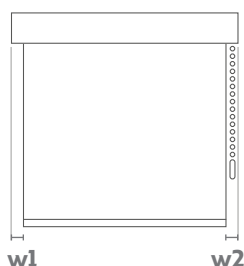
**73 mm**  
Corner piece

#### PROJECTION CUSTOMIZATION

(not available for the corner piece)

	Projection width
RECOMMENDED	95 mm
WITHOUT PROJECTION	0 mm
MINIMUM	50 mm
MAXIMUM	150 mm

#### SPACE BETWEEN BRACKET AND FABRIC



**w1**

**w2**

**w1** Support side

**w2** Controls side

		w1	w2
<b>73 mm</b> <b>TRAZER</b>	CHAIN	29 mm	28 mm
	230Vac MOTOR	29 mm	31 mm
	24Vdc BATTERY MOTOR	29 mm	30 mm
<b>73 mm</b> <b>CORNER</b> <b>PIECE</b>	CHAIN	29 mm	28 mm
	230Vac MOTOR	29 mm	31 mm
	24Vdc BATTERY MOTOR	29 mm	30 mm

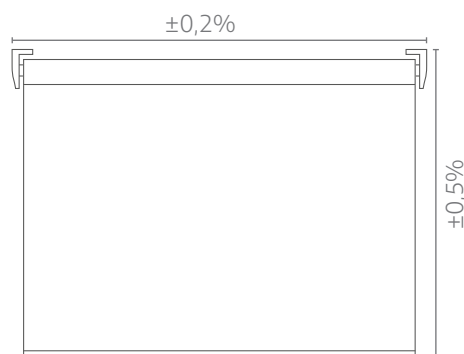
#### MOUNT PLATE CUSTOMIZATION

(not available for the corner piece)

	Mount plate width
STANDARD	95 mm
WITHOUT MOUNT PLATE	--
MINIMUM	95 mm
MAXIMUM*	190 mm

**i** \*The mount plate can only be extended in a ceiling-mounted installation..

### Production tolerance



**i** Accordig to EN13120 European standard.

# **BANDALUX**