

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

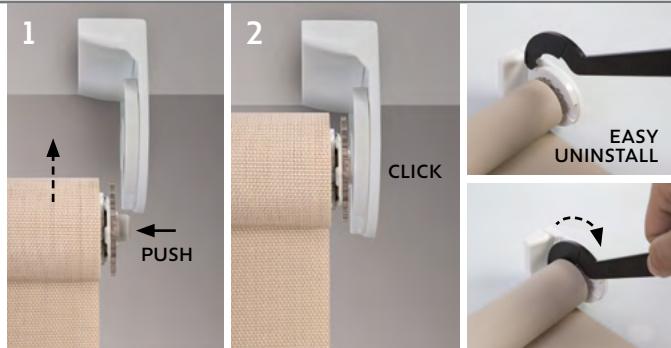
2000 x **2600** mm

● Check 'Fabric Limits' in ProArea.

PREMIUM

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.



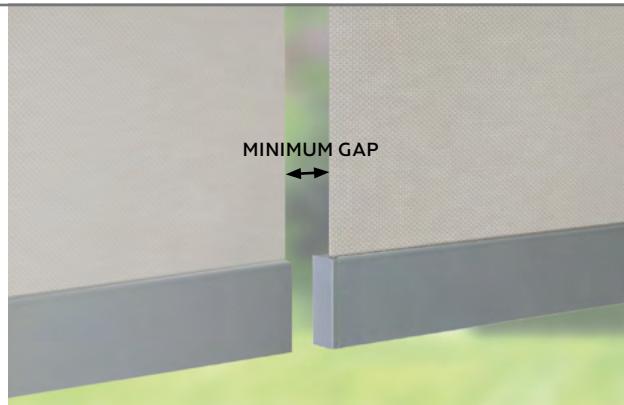
Double drop (transmission)

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

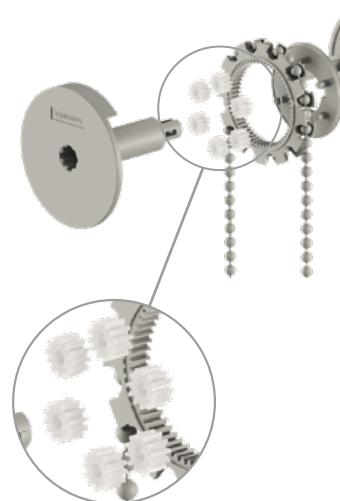
The REDUX mechanism has an internal planetary gear system that reduces drive effort by up to 30%.

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

PREMIUM

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.



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.⁽¹⁾

(1) (1) 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

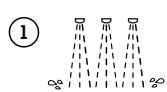
In addition to blinds, LYNX allows you to connect other elements such as music, lamps, fans...

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

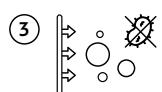
The shade is treated as follows:



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



BANDALUX



airPURE®
BLINDS & SHADES

PREMIUM OPTIONS

Standard configuration

Colors



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

Chain operated



Ø 20 mm hidden bottom bar⁽¹⁾



Child Safety chain retainer



Optional : Safekids device.

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

Optional configuration (no additional charge)

Long brackets



Transparent chain



Teardrop bottom bar (hidden)



Slim 25 bottom bar



Slim 35 bottom bar



For more information please check page 50.

Operating systems

MOTOR (includes limit switch programming)

MOTOR ⁽¹⁾			AUTOMATISMS ⁽²⁾		
			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
			ARIES 40 SHORT 4/16	--	
Radio	24Vdc	Somfy® Quiet	SONESSE 40 3/30	--	--
		Bandalux Radio Quiet	BI 28 2/28 Integrated transformer	1 CH transmitter White Ref. 06701100B	15 CH transmitter White Ref. 06701110B
	230Vac	Bandalux Radio	VERONA RADIO 40 3/30	Elegance 1 White Ref. 06702000A	Elegance 4 White Ref. 06702100A
		Somfy® RTS	ALTUS 40 3/30	Situo 1 RTS Pure Ref. 06700970C	Situo 5 RTS Pure Ref. 06700881C
Radio IO	230Vac	Somfy® RTS Quiet	SONESSE 40 3/30	Situo 1 IO Pure Ref. 06700620B	Situo 5 IO Pure Ref. 06700625B
		Somfy® IO	SUNEA SCREEN 40 3/30		
Battery	12Vdc	Somfy® IO Quiet	SONESSE 40 IO 3/30	Situo 1 IO Pure Ref. 06700620B	Situo 5 IO Pure Ref. 06700625B
		Bandalux Radio Quiet	RECHARGEABLE BI 28 2/28		
	Somfy® RTS Quiet	SONESSE 28 LI-ION RTS 1,1/28	1 CH transmitter White Ref. 06701100B	15 CH transmitter White Ref. 06701110B	Charger AC Rechargeable battery Ref. 06701215 + USB Wire Type C Ref. 06701275
		SONESSE 30 LI-ION ULTRA RTS 2/28	Situo 1 RTS Pure Ref. 06700970C	Situo 5 RTS Pure Ref. 06700881C	Charger LI-ION Rechargeable battery Ref. 06916225
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 ø 1,5 mm
26 €/shade



Floor
fastening



Wall
fastening

⚠ Only compatible
with normal rolling
direction.

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.

Trazer pelmet

Trazer 73



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

Textured white

Anodized aluminum

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



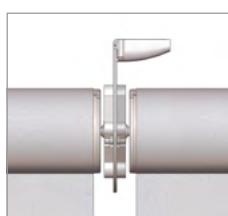
Safekids (child safety system)

PATENTED BY
BANDALUX



Metallic chain

⚠ Chain tensioner
not included.



Double drop with 2 operating systems (double support)



Double drop with 1 operating system (transmission)



No ending chain ring

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

⚠ 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.

PREMIUM

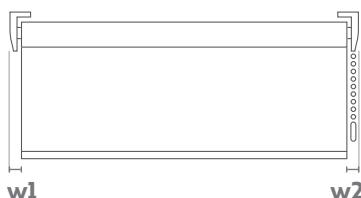
TECHNICAL DATA

Operating systems and minimum shade width

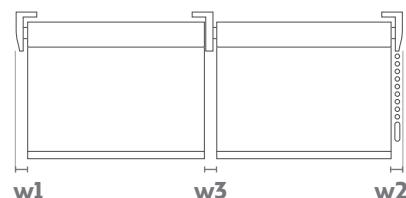
OPERATING SYSTEM	MOTOR NAME	Voltage (V)	Ø (mm)	Nm	r.p.m.	Power (W)	Current (A)	Min. shade width (mm)
CHAIN	--	--	--	--	--	--	--	200 ⁽¹⁾
BANDALUX HARDWIRED	VERONA 40 3/30	230	40	3	30	90	0,39	590
BANDALUX RADIO	R2 40 3/30	230	40	3	30	90	0,39	590
BANDALUX RADIO QUIET	BI 28 2/28	24	28	2	28	18	0,75	780
BANDALUX RADIO BATTERY QUIET	BI 28 2/28	12	28	2	28	13	1,08	780
NEW BANDALUX RADIO SOLAR	KIT SOLAR STATION 40 10/12	12	40	10	12	36	3	610
	MERCURE 40 3/30	230	40	3	30	80	0,35	590
SOMFY® HARDWIRED	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
	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

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

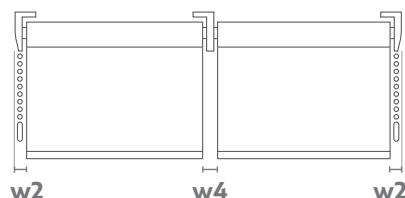
Space between bracket and fabric (GAP)



One shade with 1 op. system



Two shades with 1 op. system



Two shades with 2 op. systems

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

(1) (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.

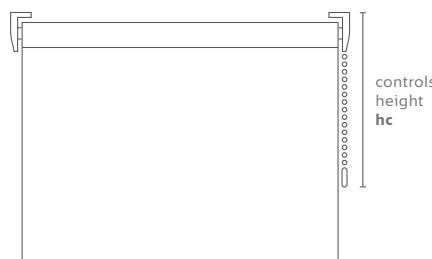
Controls height

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



Example of calculation

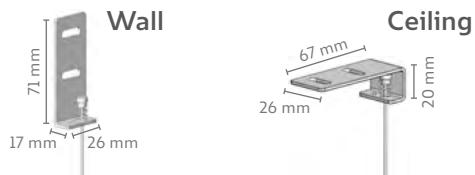
Shade height H	Controls height hc (minimum)
1000 mm	750 mm
2000 mm	1450 mm
2500 mm	1800 mm

(2) 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.

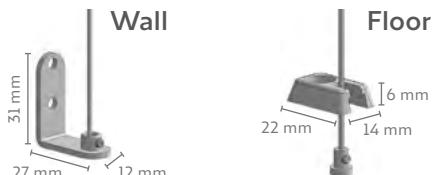
PREMIUM TECHNICAL DATA

Side guides sizes

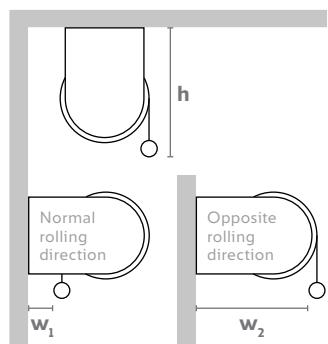
SIDE GUIDES TOP PART



BOTTOM CABLE FASTENING



Bottom bars and retraction heights (mm)



HIDDEN BOTTOM BARS

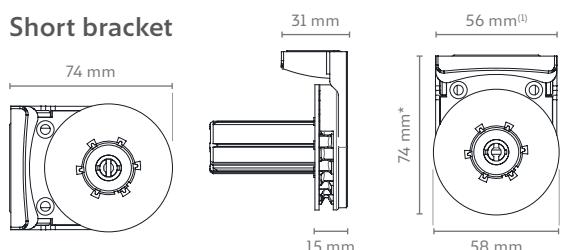
VISIBLE BOTTOM BARS

	HIDDEN BOTTOM BARS						VISIBLE BOTTOM BARS										
																	
	ø 20 mm		Teardrop		Slim 25		Slim 35		Ceiling	Wall	Ceiling	Wall	Ceiling	Wall	Ceiling	Wall	
	Min	Max	Min	Max	Min	Max	Min	Max									
PREMIUM SHORT BRACKET	$h = 90$	$w_1 = 1$ $w_2 = 51$	$w_1 = 19$ $w_2 = 69$	$h = 90$	$w_1 = 6$ $w_2 = 56$	$w_1 = 24$ $w_2 = 74$	$h = 95$	$w_1 = 6$ $w_2 = 56$	$w_1 = 24$ $w_2 = 74$	$h = 105$	$w_1 = 2$ $w_2 = 52$	$w_1 = 20$ $w_2 = 70$					
PREMIUM LONG BRACKET	$h = 110$	$w_1 = 21$ $w_2 = 71$	$w_1 = 39$ $w_2 = 89$	$h = 110$	$w_1 = 26$ $w_2 = 76$	$w_1 = 44$ $w_2 = 94$	$h = 115$	$w_1 = 26$ $w_2 = 76$	$w_1 = 44$ $w_2 = 94$	$h = 125$	$w_1 = 22$ $w_2 = 72$	$w_1 = 40$ $w_2 = 90$					

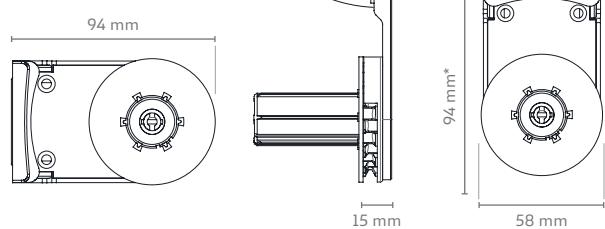
Bracket sizes with cover and mechanisms

CHAIN

Short bracket



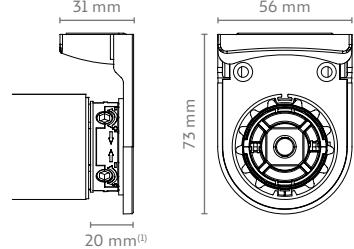
Long bracket



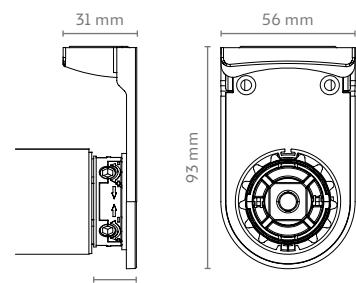
! (1) Cable guiding : Add 18 mm to the width of the bracket and 2 mm to the height.

MOTOR

Short bracket



Long bracket



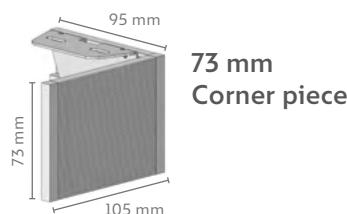
! (1) On battery-operated motor, the distance is 19 mm.

PREMIUM

TECHNICAL DATA

Trazer technical information

CORNER PIECE SIZE

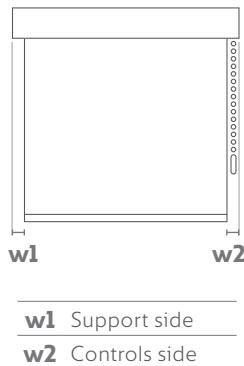


PROJECTION CUSTOMIZATION

(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
73 mm TRAZER	CHAIN	29 mm
	230Vac MOTOR	31 mm
	24Vdc BATTERY MOTOR	30 mm
73 mm CORNER PIECE	CHAIN	28 mm
	230Vac MOTOR	31 mm
	24Vdc BATTERY MOTOR	30 mm

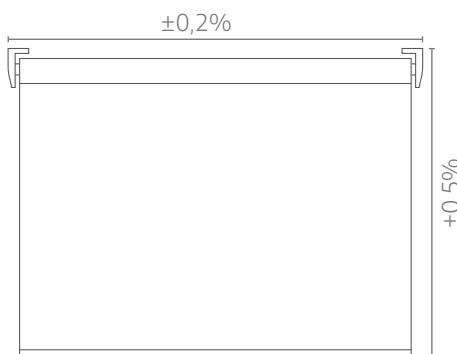
MOUNT PLATE CUSTOMIZATION

(not available for the corner piece)

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

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

Production tolerance



! According to EN13120 European standard.

BANDALUX