ARION

High quality and resistance system for XXL sizes. An elegant shade ideal for large glass surfaces, either indoors or outdoors. Its components made with stainless steel and aluminum ensure the maximum durability of the system.

AVAILABLE COMPONENT COLORS

White
RAL 9010

Black
RAL 9011

Grey
RAL 9023

OPERATING SYSTEMS

Crank

Motor

MAXIMUM WIDTH

6000 x 3000 mm

MAXIMUM HEIGHT

5200 x **7000** mm (indoor installation)
4750 x **3500** mm (outdoor installation)

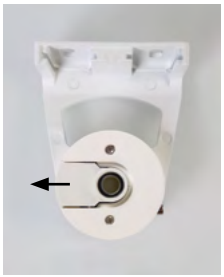
Check 'Fabric Limits' in ProArea.

ARION

New prop side system

Bandalux has developed the clutches making them stronger to deliver benchmark endurance and reliability.

EASY INTALL/
UNINSTALL



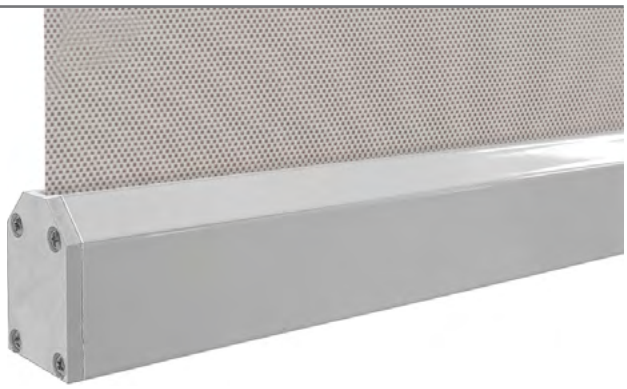
Double drop (transmission)

Bandalux's new transmission delivers enhanced smoothness enabling two rolling tubes to operate with just one operating system.

It also allows aligning both drops. It contains a solid system with high quality bearings that provides a perfect, smooth and silent (motion) rotation.

Maximum firmness fabric

The new Max bottom hembar guarantees the firmness and tension of the fabric on free drop Arion systems.



Side guide systems

Stainless steel rod guide (ø 10 mm).

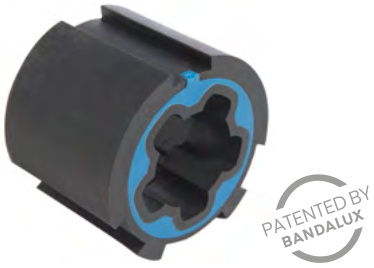
Stainless steel cable guide (ø 5 mm).

Smooth and silent motorization

All Bandalux motorization products include a brand new, hybrid technology driving wheel specificly designed by us to minimize noise and vibration.

BANDALUX 230Vac

SOMFY® 230Vac



Operating system options

This system can be set in two different operating systems : crank and motor. Motorization is supplied by default with visible motor head. However, you can choose a hidden option

Crank

Motor

VISIBLE MOTOR HEAD

Included by default.

HIDDEN MOTOR HEAD

Optional.

New motorized option with external solar panel

NEW

The Bandalux Solar Station Kit offers a motorized, sustainable and self-sufficient Arion 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) Includes a 500 mm cable. Compatible with an optional 3 m extension cable.

ARION

For indoor and outdoor

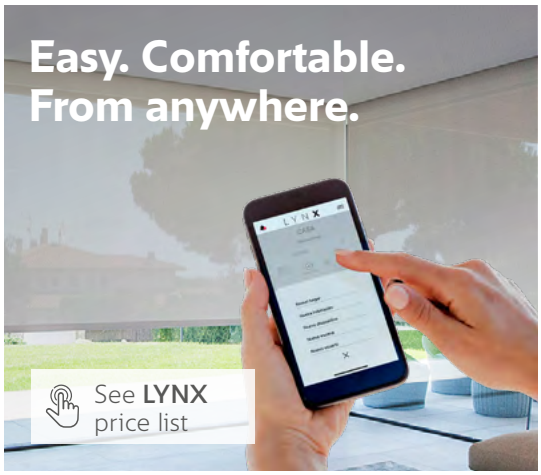
This system is the ideal solution to be placed outside thanks to its anti-rust components and stainless steel screws (INOX – AISI 316).

Indoor and Outdoor Fabrics Collection

Bandalux offers a wide assortment of fabrics for both indoors and outdoors, featuring openness factor options, colors, textures, long lasting and mantaining all its properties on outdoor installations.

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: amazon alexa Google Home

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...

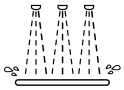
Air purifying shades

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:

1

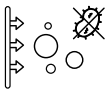


A mixture of oxide minerals is applied to the shade's fabric.

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

ARION
OPTIONS

Standard configuration

Colors

White RAL 9010

Black RAL 9011

Grey RAL 9023

If a different color is not selected on the order form, Bandalux will deliver in color white.

Fabric and brackets

ø 40 mm hidden bottom bar

Optional configuration

Max visible bottom bar

Operating systems

CRANK

Crank height				
Up to 1600 mm	1610-2400 mm	2410-3000 mm	3010-3600 mm	3610-4200 mm

MOTOR (includes limit switch programming)

Visible motor head

Provided by default

Incompatible with side guides.

Hidden motor head

Optional order

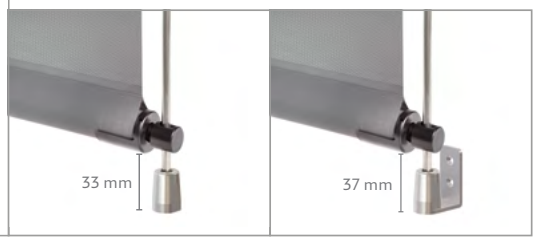
		MOTOR[1]		AUTOMATISMS [2]		
				SINGLE-CHANNEL REMOTE	MULTI-CHANNEL REMOTE	OTHER
Hardwired	230Vac	Bandalux	M2 50 6/32, 20/17	--	--	Somfy® Smoove Uno Ref. 06700610B
		Somfy®	ARIANE ø 50 6/32			
			ATLAS ø 50 15/32			
			MAESTRIA ø 50 WT 6/17, 10/17, 15/17[4]			
		Somfy® Quiet [3]	SONESSE ø 50 6/18, 10/28, 15/17			
Radio	230Vac	Bandalux	R2 50 6/32, 20/17	Elegance 1 White Ref. 06702000A	Elegance 4 White Ref. 06702100A	--
		Somfy® RTS	ALTUS ø 50 6/32, 15/17	Situo 1 RTS Pure Ref. 067006970D	Situo 5 RTS Pure Ref. 06700881D	--
		Somfy® RTS Quiet [3]	SONESSE ø 50 6/28, 10/28, 15/17			
Radio IO	230Vac	Somfy®	SUNEA SCREEN ø 50 6/32, 15/32	Situo 1 IO Pure Ref. 06700620B	Situo 5 IO Pure Ref. 06700625B	--
Radio Solaire	12Vdc	Bandalux external panel	KIT SOLAR STATION 20/16	1 CH White Ref. 06700073	5 CH White Ref. 06700074	--
			KIT SOLAR STATION 50 30/9			

(1) See motor characteristics on page 6. / **(2)** See other colors and automatisms on Motorization section / **(3)** Motor only compatible for indoor installation. / **(4)** Motor with electronic limit switch. / For safety reasons, it is recommended to associate a wind sensor to ourdoor installation shades. For sizes bigger than 9m², associating this sensor will be essential.

: Click on the stamp to see the price of the LYNX motorisation option.

Side guides

ø 10 mm stainless rod guide

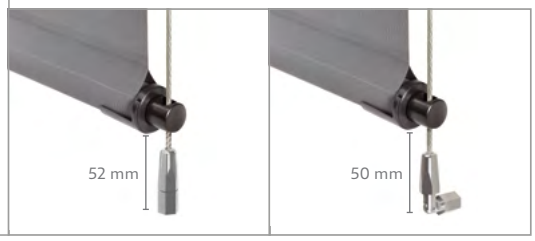


Floor fastening

Wall fastening

Incompatible with Max bottom bar.

ø 5 mm stainless cable guide



Floor fastening

Wall fastening

Incompatible with Max bottom bar.

ø 5 mm reinforced stainless cable guide

This part does not allow to install the shade tight to the wall or columns. Arion roller shades must be ordered 10 mm narrower.

Floor fastening

Other options

Double drop with 2 operating systems (double support)

Double drop with 1 operating system (transmission)

Digital Printing

Collection Airpure®

BANDALUX
airPURE®
BLINDS & SHADES

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.

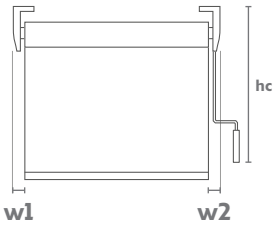
ARION
TECHNICAL DATA

Operating systems and minimum shade width

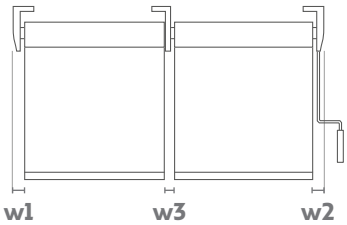
OPERATING SYSTEM	MOTOR NAME	Voltage (V)	Ø (mm)	Nm	r.p.m.	Power (W)	Current (A)	Min shade width (mm)
CRANK	--	--	--	--	--	--	--	800
BANDALUX HARDWIRED (LYNX COMPATIBLE)	M2 50 6/32	230	50	6	32	120	0,52	810
	M2 50 20/17	230	50	20	17	160	0,70	860
BANDALUX RADIO	R2 50 6/32	230	50	6	32	120	0,52	860
	R2 50 20/17	230	50	20	17	160	0,70	880
BANDALUX RADIO SOLAR (NEW)	KIT SOLAR STATION 50 20/16	12	50	20	16	72	6	830
	KIT SOLAR STATION 50 30/9	12	50	30	9	72	6	830
SOMFY® CABLE (LYNX COMPATIBLE)	ARIANE 50 6/32	230	50	6	32	120	0,52	810
	ATLAS 50 15/32	230	50	15	32	240	1,04	900
	MAESTRIA 50 WT 6/17(2)	230	50	6	17	90	0,45	840
	MAESTRIA 50 WT 10/17(2)	230	50	10	17	120	0,50	840
	MAESTRIA 50 WT 15/17(2)	230	50	15	17	140	0.65	890
SOMFY® HARDWIRED QUIET (1) (LYNX COMPATIBLE)	SONESSE 50 6/28	230	50	6	28	146	0,63	900
	SONESSE 50 10/28	230	50	10	28	180	0,78	900
	SONESSE 50 15/17	230	50	15	17	153	0,67	900
SOMFY® RTS	ALTUS 50 6/32	230	50	6	32	90	0,39	940
	ALTUS 50 15/17	230	50	15	17	140	0,61	940
SOMFY® RTS QUIET (1)	SONESSE 50 6/28	230	50	6	28	146	0,63	1080
	SONESSE 50 10/28	230	50	10	28	180	0,78	1080
	SONESSE 50 15/17	230	50	15	17	153	0,67	1080
SOMFY® IO	SUNEA SCREEN 50 6/32	230	50	6	32	120	0,52	940
	SUNEA SCREEN 50 15/32	230	50	15	32	240	1,04	960

(1) Motor only compatible for indoor installation. / **(2)** Motor with electronic limit switch. / To guarantee proper functioning, Bandalux will provide the right motor model for the shade size.

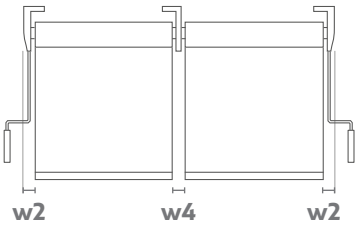
Space between bracket and fabric (GAP) + Controls height



One shade with
1 operating system



Two shades with
1 operating system



Two shades with
2 operating systems

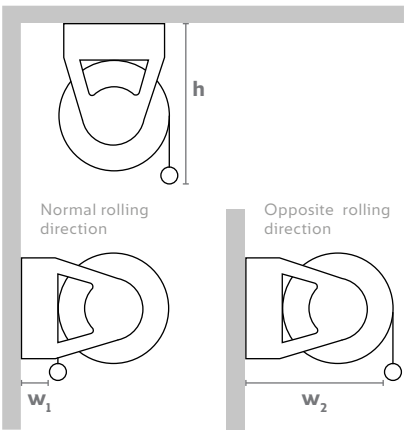
w1 Support side
w2 Controls side

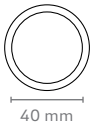
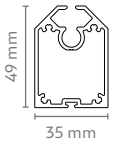
	without side guides				with side guides			
	w1	w2	w3	w4	w1	w2	w3	w4
CRANK	44 mm	43 mm	42 mm	62 mm	49 mm	48 mm	70 mm	83 mm
MOTOR (1) Bracket with visible motor head	44 mm	38 mm	42 mm	62 mm	--	--	--	--
MOTOR (1) Bracket with hidden motor head	44 mm	54 mm	42 mm	62 mm	49 mm	59 mm	70 mm	83 mm

Recommended crank heights **hc** (2)
1000 mm
1200 mm
1400 mm
1600 mm
1800 mm
2000 mm
2200 mm
2400 mm
2600 mm
2800 mm
3000 mm

(1) Add 3 mm on the controls side for Bandalux motor-operated systems.
(2) The controls height will always be measured from the top part of the shade (top of the bracket) to the bottom of the crank in the operative position.

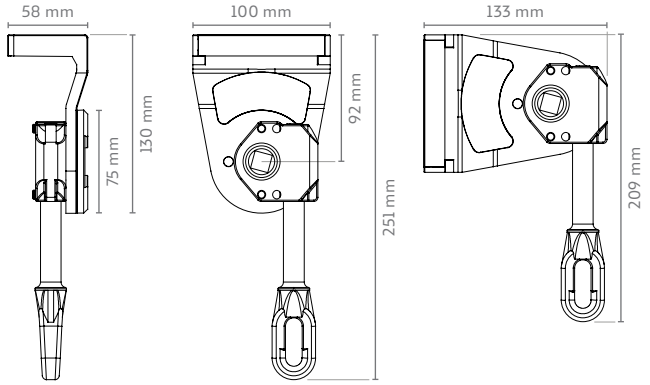
Bottom bars and retraction heights (mm)



HIDDEN BOTTOM BARS			VISIBLE BOTTOM BARS		
 40 mm			 49 mm, 35 mm		
ø 40 mm			**Max**		
Ceiling	Wall		Ceiling	Wall	
	Min	Max		Min	Max
h = 180	w_1 = 7 w_2 = 104	w_1 = 40 w_2 = 137	h = 188	w_1 = 9 w_2 = 106	w_1 = 42 w_2 = 139

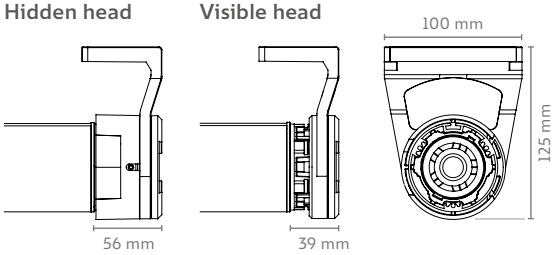
Bracket sizes and mechanisms

CRANK

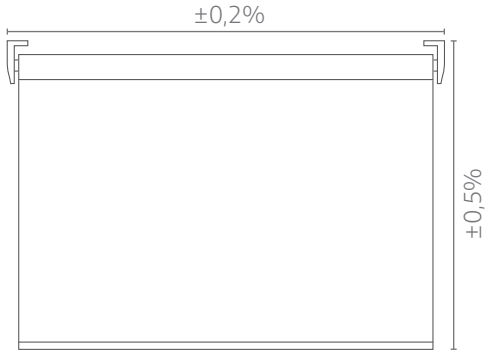


MOTOR

Hidden head **Visible head**



Production tolerance



Accordig to EN13120 European standard.

BANDALUX

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