



# Q-Box Plus

A roller shade with cassette and side channels that darken the room, when combined with the blackout fabric.

Compact cassette in 100% aluminum.

## Q-BOX PLUS

	55	85	100
<b>Maximum width</b>	2200 mm	3200 mm	4800 mm
<b>Maximum height</b>	2800 mm	3500 mm	3500 mm
<b>Maximum surface area</b>	3,96 m <sup>2</sup>	11,2 m <sup>2</sup>	16,8 m <sup>2</sup>
<b>Tube diameters</b>	26 mm AL 28 mm AL 32 mm AL	32 mm AL 38 mm AL 44 mm AL	44 mm AL 55 mm AL 60 mm FE 65 mm AL
<b>Operations</b>	Chain, Motor, Crank		
<b>Installation</b>	Self-supporting		
<b>Profile color</b> RAL colors with 30% gloss	<input type="checkbox"/> White (RAL 9016), <input checked="" type="checkbox"/> Black (RAL 9011), <input checked="" type="checkbox"/> Brown (RAL 8019), <input type="checkbox"/> Anodized aluminum <input type="checkbox"/> Grey (RAL 9006), <input type="checkbox"/> Light ivory (RAL 1013)		
<b>Bottom rails</b>	Mini Plain		
<b>Side channel</b>	Adjustable R2		
<b>Double drop</b>	-		
<b>Options</b>	Personalization	Spring assistance, Redux system, Personalization	

# Q-Box Plus



## Cassette with blackout channels

When combined with a blackout fabric, the Q-Box® Plus roller shade darkens the room and prevents the rays of sunlight from filtering in, for maximum comfort.

Compact cassette in 100 % aluminum.



## Precision channels

The R2 Extension channel is made up of two channels that adapt perfectly to the window and afford easy and convenient operation.

## Easy installation

The cassette with self-supporting covers makes it possible to forego installation supports.



## Blackout fabrics

The Bandalux collection includes an extensive range of blackout fabrics in solid colors and prints, with different texture and color options that meet the most decorative or technical needs.



## 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...

## 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

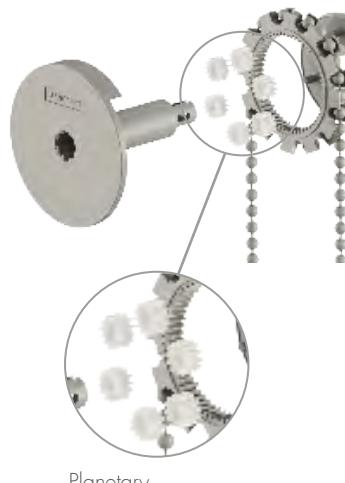
The REDUX mechanism has an internal planetary gear system that reduces drive effort by up to 30%.

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.

Mechanism  
Redux I



Planetary

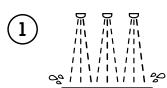
# Q-Box Plus

## 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

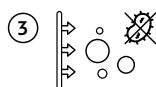
The shade is treated as follows:



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).



More info.  
**airPURE®**

### 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 B-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.<sup>(1)</sup>

**!** (1) Includes a 50 cm cable. Compatible with an optional 3 m extension cable..

### STANDARD MANUFACTURE



CHAIN



CHILD SAFETY  
(SECURITY CHILD SYSTEM)  
OPTIONAL:  
Safekids device.



VISIBLE BOTTOM  
RAIL MINI PLAIN



ADJUSTABLE  
R2 CHANNEL

COLORS

White (RAL 9016)

Black (RAL 9011)

Brown (RAL 8019)

Grey (RAL 9006)

Ivory (RAL 1013)

Anodized aluminum

① 1. By default, Bandalux will provide the Q-Box in White and the Q-Style in anodized aluminum, unless a different color is indicated on the order form. / 2. RAL colors with 30% gloss.

### REINFORCED BRACKETS



100



130



160

### CRANK



FIXED



REMOVABLE

### 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.

### REDUCED EFFORT



REDUX I MECHANISM  
(for sizes that do not include it by default)

Planetary gear mechanism that ensures smooth operation, by reducing the weight by 30%.



ASSISTED SPRING

Recommended from 5 m<sup>2</sup>  
Example for a shade measuring 3600x4000 mm:  
• Without spring assistance = 4,8 kg  
• With spring assistance = 2,2 kg (WITH limit switch)

① 1. The Redux mechanism does not include a limit switch.  
② The movement length of the chain is three times the height of the shade.

### OTHER OPTIONS



BASE PROFILE



SAFEKIDS  
(SECURITY CHILD SYSTEM)  
PATENTED BY  
BANDALUX



PERSONALIZATION



METALLIC CHAIN



TRANSPARENT CHAIN

① By default, Bandalux will provide the metallic chain with the Q-Style.  
/ Not available for Q-Box 55. / Chain tensioner not included.

# Q-Box Plus

## TECHNICAL DATA

### MOTORS

Operation	Motor name	Volt (V)	Ø mm	Nm	tr/min	Power (W)	Intensity (A)	Minimum shade width (mm)			
								Q-Box 55 Q-Box Plus 55	Q-Box 85 Q-Style 85	Q-Box 100 Q-Box Plus 100	
CHAIN		-	-	-	-	-	-	350	400	400	
CRANK		-	-	-	-	-	-	400	400	400	
Motor BANDALUX	HARDWIRED 	VERONA 40 3/30	230	40	3	30	90	0,39	-	600	600
		M2 50 6/32	230	50	6	32	120	0,52	-	640	640
		M2 50 20/17	230	50	20	17	160	0,70	-	690	690
	RADIO	BI 25 1,1/40	24	25	1,1	40	11	0,46	610	-	-
		VERONA 40 3/30	230	40	3	30	90	0,39	-	640	640
		R2 50 6/32	230	50	6	62	120	0,52	-	-	690
		R2 50 20/17	230	50	20	17	160	0,70	-	-	690
RADIO SILENT	BI 28 2/28	24	28	2	28	18	0,75	-	790	-	-
Motor SOMFY®	BATTERY 	RECARGABLE BI 25 1,1/40	12	25	1,1	40	8	0,94	610	-	-
		RECARGABLE BI 40 6/24	12	35	6	24	38	3,23	-	-	830
	BATTERY SILENT 	RECARGABLE BI 28 2/28	12	28	2	28	13	1,08	-	790	-
		RECARGABLE BI 50 13/11	12	50	13	11	40	3,50	-	-	970
RADIO SOLAR EXTERNAL PANEL 	KIT SOLAR STATION 40 10/12	12	40	10	12	36	3	-	620	620	
		KIT SOLAR STATION 50 20/6	12	50	20	16	72	6	-	670	670
Motor SOMFY®	HARDWIRED 	ROLL UP 28 0,8/30	24	28	0,8	30	9,6	1,00	410	410	-
		MERCURE 40 3/30	230	40	3	30	80	0,35	-	600	600
		ARIES 40 SHORT 4/16	230	40	4	16	65	0,28	-	530	530
		ARIANE 50 6/32	230	50	6	32	120	0,52	-	-	650
		ATLAS 50 15/32	230	50	15	32	240	1,04	-	-	730
		MAESTRIA 50 6/17 <sup>(3)</sup>	230	50	6	17	90	0,45	-	-	680
		MAESTRIA 50 10/17 <sup>(3)</sup>	230	50	10	17	120	0,50	-	-	680
HARDWIRED SILENT	SONESSE 40 3/30	230	40	3	30	95	0,41	-	590	590	
	SONESSE 50 6/28	230	50	6	28	146	0,63	-	-	730	
	SONESSE 50 10/28	230	50	10	28	180	0,78	-	-	730	
RTS	ALTUS 40 3/30	230	40	3	30	80	0,35	-	630	630	
	ALTUS 50 6/32	230	50	6	32	90	0,39	-	-	780	
	ALTUS 50 15/17	230	50	15	17	140	0,61	-	-	780	
RTS SILENT	SONESSE 40 3/30	230	40	3	30	95	0,41	-	640	640	
	SONESSE 50 6/28	230	50	6	28	146	0,63	-	-	920	
	SONESSE 50 10/28	230	50	10	28	180	0,78	-	-	920	
IO	SUNEA SCREEN 40 3/30	230	40	3	30	90	0,39	-	630	630	
	SUNEA SCREEN 50 6/32	230	50	6	32	120	0,52	-	-	780	
	SUNEA SCREEN 50 15/32	230	50	15	32	240	1,04	-	-	800	
BATTERY RTS SILENT	SONESSE 28 LI-ION RTS 1,1/28	12	28	1,1	28	9,6	0,8	670	670	-	
	SONESSE 30 LI-ION ULTRA RTS 2/28	12	30	2	28	18	1,5	-	770	770	

① 1. This information is approximate and may vary depending on the fabric.  
 2. To guarantee proper operation, Bandalux will provide a motor model that is appropriate for the size of the shade.  
 3. Motor with electronic limit switch.

## OPERATING SYSTEMS

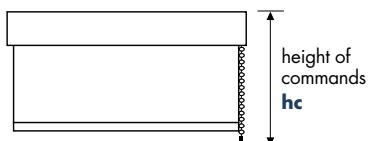
## CHAIN-OPERATED SYSTEM WITH CHILD SAFETY

The Child Safety piece must be positioned at a minimum height of 1500 mm from the floor.

## CHAIN-OPERATED SYSTEM WITHOUT CHILD SAFETY

In case the Child Safety feature is declined, the height of the controls will be:

Minimum calculation for  $hc$ :  $H \times 0,70$

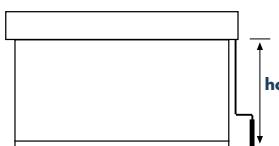


## Example of calculation

Shade height <b>H</b>	Height of commands <b>hm</b> (minimum)
1000 mm	700 mm
2000 mm	1400 mm
3000 mm	2100 mm

① The height of the controls will always be measured from the uppermost section of the shade (upper end of the support), to the lower part of the chain tensioner.

## CRANK OPERATED



Recommended crank heights <b>hc</b>
1000 mm
1200 mm
1400 mm
1600 mm
1800 mm
2000 mm
2200 mm
2400 mm
2600 mm
2800 mm
3000 mm

① In the single crank control, the height of the control is interpreted with the crank in the operative position. To find out the measurement with the crank extended, add 140 mm.

NUMBER OF BRACKETS,  
ACCORDING TO SHADE WIDTH

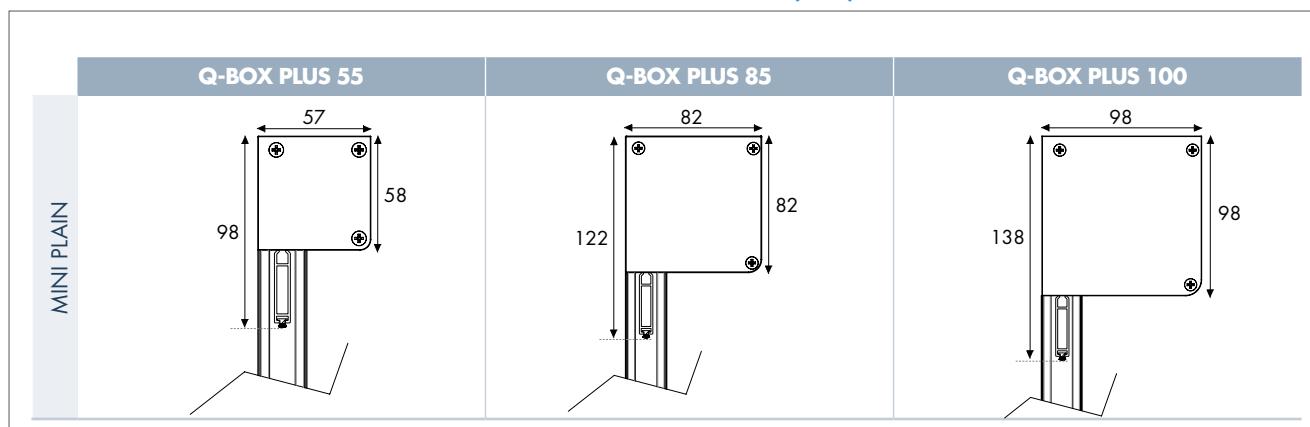
Shade width	Number of brackets
$W < 1470$ mm	2
$1470$ mm $\leq W \leq 1950$ mm	3
$1950$ mm $< W \leq 2600$ mm	4
$2600$ mm $< W \leq 3300$ mm	5
$3300$ mm $< W \leq 4000$ mm	6
$4000$ mm $< W \leq 4700$ mm	7
$4700$ mm $< W \leq 5000$ mm	8

① Lateral support for recess installation: Only available for shades with widths of up to 1500 mm.

NUMBER OF HOLES  
IN Q-BOX PLUS CHANNELS

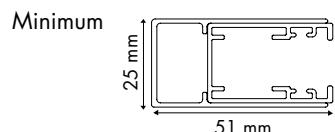
Shade height	Holes and rivets
$H \leq 1500$ mm	2
$1500$ mm $< H \leq 2500$ mm	3
$2500$ mm $< H \leq 3000$ mm	4
$3000$ mm $< H \leq 4000$ mm	5
$4000$ mm $< H \leq 5000$ mm	6
$5000$ mm $< H \leq 6000$ mm	7

## SIZES OF CASSETTES, BOTTOM RAILS AND STACKING HEIGHTS (mm)

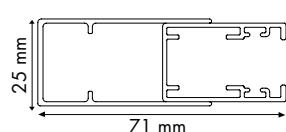


## SIZES OF Q-BOX PLUS CHANNELS

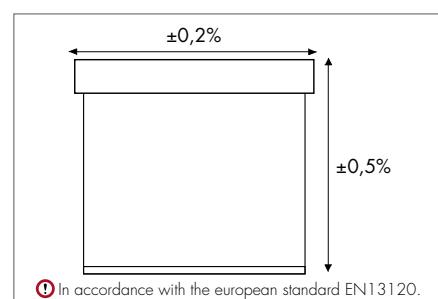
## ADJUSTABLE "R2"



## Maximum



## MANUFACTURING TOLERANCE



① In accordance with the european standard EN13120.

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