






# PREMIUM PLUS

Premium Plus shades have a very versatile and multi-purpose design that suits any need thanks to its diverse guiding options, its operating systems and its installing options. Its minimized design includes an extraslim cover that reduces the gap between brackets and is also visually delicate. Available in two different sizes depending on the shade measurements. A double shade that combines decorative with technical fabrics can be configured.



## AVAILABLE COMPONENT COLORS

|   |                   |   |                   |   |                   |
|---|-------------------|---|-------------------|---|-------------------|
|  | White<br>RAL 9016 |  | Black<br>RAL 9011 |  | Brown<br>RAL 8019 |
|  | Grey<br>RAL 9006  |  | Ivory<br>RAL 1013 |   |                   |

## OPERATING SYSTEMS



Chain



Crank



Motor

### MAXIMUM WIDTH

**4600** x 4600 mm

### MAXIMUM HEIGHT

4600 x **4600** mm (indoor instal.)

4600 x **3000** mm (cable guide outdoor instal.)

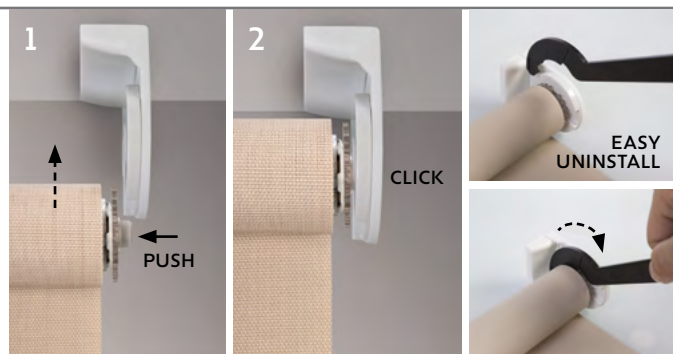
4600 x **4000** mm (aluminum channel outdoor instal.)

📌 Check 'Fabric Limits' in ProArea.

# PREMIUM PLUS

## 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.



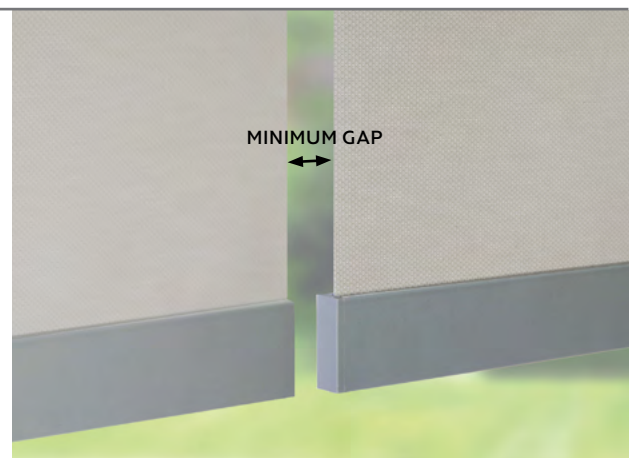
## Double drop (transmission)

Bandalux's new transmission delivers enhanced smoothness enabling two rolling tubes to operate with just one operating system. It also allows aligning both drops. It contains a solid system with high quality bearings that provides a perfect, smooth and silent (motion) rotation.



## 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.



## Optional pelmets and decorative covers

Premium Plus shades can be set with optional pelmets and decorative covers as a distinguishing element to enhance the system aesthetics. The Trazer pelmet and the Q-Box and Q-Style covers will highlight the shade's finishing and also personalizing its design or using one of the designs offered by Bandalux.

Trazer



Trazer Corner piece



Q-Box



Q-Style



## Junction profile for an easier installation

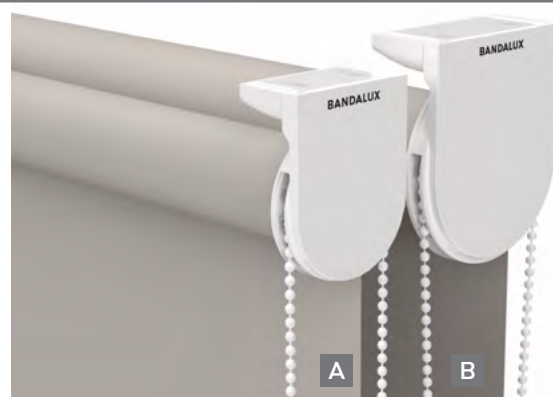
The junction profile compact design makes the system adjust to any kind of surface, facilitating its installation. Only available for Premium Plus I.



## Two sizes

Different measures related to each shade size. A reduced size design and a totally flat cover provide a very light visual effect for the shade even in its larger size.

A : Premium Plus I  
B : Premium Plus II



# PREMIUM PLUS

## 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.



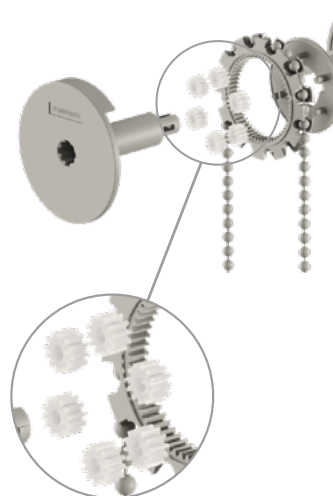
## Maximum comfort and softness of use

### 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.



Planetary



Redux  
mechanism I

Redux  
mechanism II

### Assisted spring

Ideal to reduce the feeling of weight on shades larger than 5m<sup>2</sup> (with limit switch).

Example :

Effort when manoeuvring a 3,6 x 4m shade :

without spring : 4'8kg

with spring : 2'2kg

(with limit switch)



## 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.

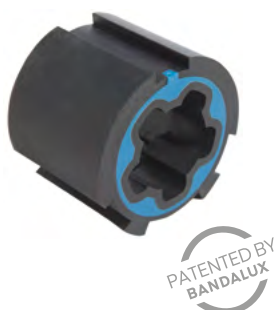
### Safekids, patented by Bandalux

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

## New motorized option with external solar panel



NEW

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

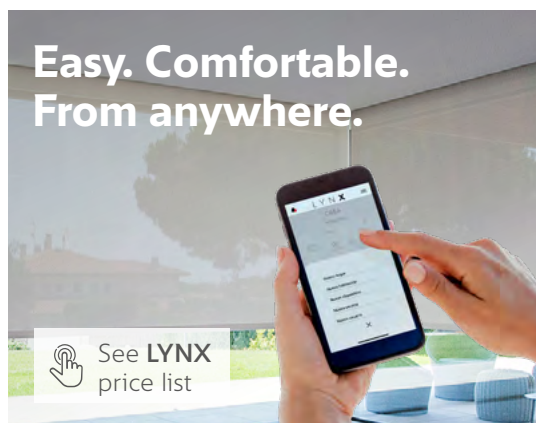
To maximize sunlight capture, the solar panel and battery should be installed outdoors (e.g., on a façade or roof). The motor is built into the blind's tube or rod and connected to the solar panel with wiring.<sup>(1)</sup>

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

# PREMIUM PLUS

## 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...

## Customizable system

### Color variety

Premium Plus shades offer a large range of colors (5 different) to personalize the operating system and its parts such as covers, brackets or chains.



White  
RAL 9016



Black  
RAL 9011



Brown  
RAL 8019



Grey  
RAL 9006

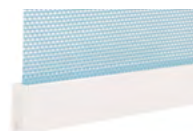


Ivory  
RAL 1013

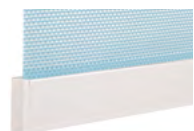
### Different bottom bar options

The bottom bar becomes a distinguishing feature for the shade's finishing :

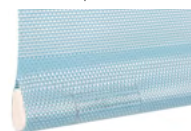
Slim 25



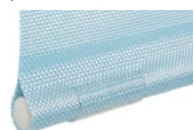
Slim 35



Teardrop



Hidden  
(ø 20 mm, ø 30 mm)



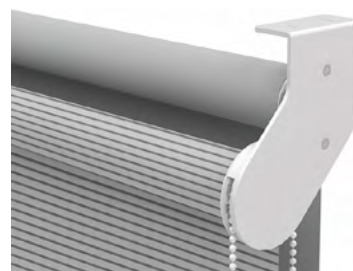
Mini Plain



❗ Exclusively for  
telescopic guide.

### Double shade

Two shades on a single bracket that enables you to combine an opaque and a decorative fabric.





## Optimal fabric fastening

This system offers multiple side guide options for either indoor or outdoor installations. Cable guides and aluminum side channels that improve raising or lowering the fabric efficiently as well contributing to minimize the GAP between the side guide and the fabric –one of Bandalux main priorities. The system is set with different types of side guides specifically developed depending on the operating system :

### Cable guides, U-201 and U-301

Hold the fabric well and allow outdoor installation.



### R2 channel

Ideal for semi-hidden systems. The external channel adapts to wall irregularities while the internal channel adapts to the fabric drop.

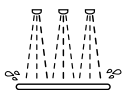
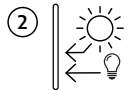
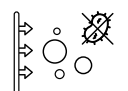


## Air purifying shades

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








# PREMIUM PLUS

## OPTIONS

### Standard configuration

#### Colors

|   |   |   |
|---|---|---|
|  White<br>RAL 9016 |  Black<br>RAL 9011 |  Brown<br>RAL 8019 |
|  Grey<br>RAL 9006  |  Ivory<br>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

#### Long brackets

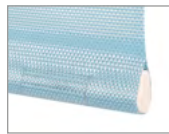


❗ Only for Premium Plus I.

#### Transparent chain



#### Teardrop hidden bottom bar<sup>(1)</sup>



❗ (1) Maximum width : 2500 mm.

#### ø 30 mm hidden bottom bar



#### Slim 25 bottom bar<sup>(1)</sup>

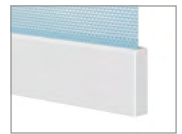


#### Slim 35 bottom bar



#### Mini Plain bottom bar

(exclusive 'R2' channel)



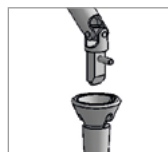
### Operating systems

#### CRANK

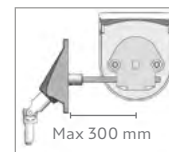
(only available for Premium Plus II)



Fixed



Removable



with crank return

#### MOTOR (includes limit switch programming)

| MOTOR <sup>(1)</sup> |        |      |  | AUTOMATISMS <sup>(2)</sup>        |   |  |
|----------------------|--------|------|--|-----------------------------------|---|--|
|                      |        |      |  | SINGLE-CHANNEL REMOTE             | MULTI-CHANNEL REMOTE                        | OTHER  |
| Hardwired            | 230Vac | PPI  | Bandalux   | VERONA 40 3/30                    |   |  |
|                      |        |      | Somfy®   | MERCURE 40 3/30                   |   |  |
|                      |        |      | ARIES 40 SHORT 4/16                              |                                   |   |  |
|                      |        | PPII | Somfy® Quiet <sup>(3)</sup>                      | SONESSE 40 3/30                   |   |  |
|                      |        |      | Bandalux   | M2 50 6/32, 20/17                 |   |  |
|                      |        |      | ARIANE 50 6/32                                   |                                   |   |  |
| Radio                | 230Vac | PPI  | Somfy®   | ATLAS 50 15/32                    |   |  |
|                      |        |      | MAESTRIA 50 WT 6/17, 10/17, 15/17 <sup>(4)</sup> |                                   |   |  |
|                      |        |      | Somfy® Quiet <sup>(3)</sup>                      | SONESSE 50 6/28, 10/28, 15/17     |   |  |
|                      |        | PPII | Bandalux Radio                                   | R2 40 3/30                        | Elegance 1 White<br>Ref. 06702000A          | Elegance 4 White<br>Ref. 06702100B           |
|                      |        |      | Somfy® RTS                                       | ALTUS 40 3/30                     | Situo 1 RTS Pure<br>Ref. 06700970D          | Situo 5 RTS Pure<br>Ref. 06700881D           |
|                      |        |      | Somfy® RTS Quiet <sup>(3)</sup>                  | SONESSE 40 3/30                   |   |  |
| Radio IO             | 230Vac | PPI  | Bandalux Radio                                   | R2 50 6/32, 20/17                 | Elegance 1 White<br>Ref. 06702000A          | Elegance 4 White<br>Ref. 06702100A           |
|                      |        |      | Somfy® RTS                                       | ALTUS 50 6/32, 15/17              | Situo 1 RTS Pure<br>Ref. 06700970D          | Situo 5 RTS Pure<br>Ref. 06700881D           |
|                      |        |      | Somfy® RTS Quiet <sup>(3)</sup>                  | SONESSE 50 6/28, 10/28, 15/17     |   |  |
|                      |        | PPII | Somfy® IO  | SUNEA SCREEN 40 3/30              |   |  |
|                      |        |      | SUNEA SCREEN 50 6/32, 15/32                      | Situo 1 IO Pure<br>Ref. 06700620B | Situo 5 IO Pure<br>Ref. 06700625B           |  |
|                      |        |      | Somfy® IO Quiet <sup>(3)</sup>                   | SONESSE 40 3/30                   |   |  |
| Battery              | 12Vdc  | PPI  | Bandalux Radio <sup>(3)</sup>                    | RECHARGEABLE BI 35 6/24           | 1 CH Transmitter<br>White<br>Ref. 06701100B | 15 CH Transmitter<br>White<br>Ref. 06701110B |
|                      |        | PPII | Bandalux Radio Quiet <sup>(3)</sup>              | RECHARGEABLE BI 50 11/13          |   |  |
| Radio solar          | 12Vdc  | PPII | Bandalux external panel                          | KIT SOLAR STATION 40 10/12        | 1 CH transmitter<br>Ref. 06700073           | 5 CH transmitter<br>Ref. 06700074            |
|                      |        |      |  | KIT SOLAR STATION 50 20/16        |   |  |

❗ (1) See motor characteristics on page 71. / (2) See other colors and automatisms on Motorization section page 92. / (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 outdoor installation shades. For sizes bigger than 9m², associating this sensor will be essential.





# PREMIUM PLUS

## OPTIONS

### Reduced effort for chain-operated systems



**Redux I mechanism**  
(for Premium Plus I)



**Redux II mechanism**  
(for Premium Plus II)

Bandalux recommends REDUX MECHANISM :  
Mechanism 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.



**Assisted spring**

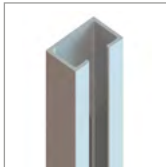
**Recommended from 5m<sup>2</sup>**

Example for a 3,6 x 4m shade :

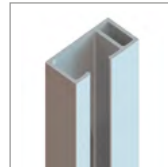
- Without assisted spring = 4,8 kg.
- With assisted spring = 2,2 kg. (with limit switch)

### Side guides

#### ALUMINUM

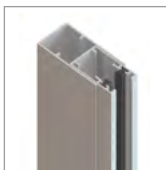


**'U - 201' Low lateral**



**'U - 301' Compact frontal**  
**'U - 301' Compact lateral**

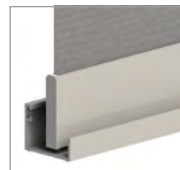
❗ Both compatible with bottom bars : ø 20 and ø 30 mm hidden and Slim 35.



**'R2' Telescopic frontal**  
**'R2' Telescopic lateral**



❗ Only compatible with Mini Plain bottom bar. / Maximum height 3500 mm.



**Sill bottom for R2 Telescopic channel**

#### CABLE

##### Wall fastening



##### Floor fastening



**INDOOR/OUTDOOR**  
**stainless ø 3,5 mm**

|               |    |
|---------------|----|
| Ceiling/Floor | TS |
| Ceiling/Wall  | TP |
| Wall/Floor    | PS |
| Wall/Wall     | PP |

❗ Compatible with bottom bars : ø 20, ø 30 mm hidden and Slim 25/35.

### Junction profile (only for Premium Plus I)



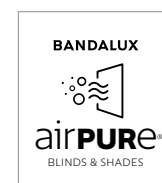
#### Simple installation

##### 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. / Only for chain and motor-operated systems. / Incompatible with side guides.

### Collection Airpure®



#### 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.

# PREMIUM PLUS

## OPTIONS

### Trazer pelmet

☐ Textured white

☐ Anodized aluminum

❗ For more information please check 'A4 Decorative covers' Price List.

#### Trazer 100



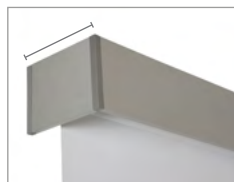
❗ Prices do not include projection section. / Minimum invoice 1 m. / Motor-operated system only compatible with Premium Plus II motors. / Mount plate included in standard sizes.

#### Projection



❗ Check technical data on page 75.

#### Configurable Mount plate



❗ Mount plate size only configurable for ceiling installations. / Check maximum and minimum measurements on page 75.

#### Corner piece 100



❗ Incompatible with existing shades.

### Q-Box



Q-Box 85  
Q-Box 100

❗ To add a decorative cover with your roller shade please check 'A3 Roller shades with decorative cassette' Price List.

### Q-Style



Q-Style 85  
Q-Style 100

❗ To add a decorative cover with your roller shade please check 'A3 Roller shades with decorative cassette' Price List.

### Other options



Double shade  
with 2 operating  
systems

❗ Not available for crank-operated systems.

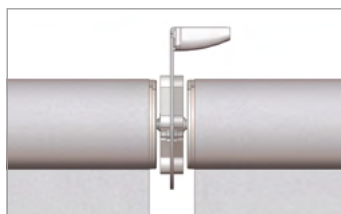


Digital Printing



Safekids  
(child safety system)

PATENTED BY  
BANDALUX



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.



Metallic chain

❗ Chain tensioner not included.

### 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>    |
| CRANK                                       | --                                  | --          | --     | -- | --     | --        | --          | 400                   |
| BANDALUX HARDWIRED                          | VERONA 40 3/30                      | 230         | 40     | 3  | 30     | 90        | 0,39        | 610                   |
|   | MODENA 50 6/32                      | 230         | 50     | 6  | 32     | 120       | 0,52        | 660                   |
|   | BARI 50 20/17                       | 230         | 50     | 20 | 17     | 160       | 0,7         | 710                   |
| BANDALUX RADIO                              | R2 40 3/30                          | 230         | 40     | 3  | 30     | 90        | 0,39        | 610                   |
|   | R2 50 6/32                          | 230         | 50     | 6  | 32     | 120       | 0,52        | 710                   |
|   | R2 50 20/17                         | 230         | 50     | 20 | 17     | 160       | 0,7         | 730                   |
| BANDALUX RADIO BATTERY <sup>(2)</sup>       | BI 35 6/24                          | 12          | 35     | 6  | 24     | 38        | 3,23        | 830                   |
| BANDALUX RADIO BATTERY QUIET <sup>(2)</sup> | BI 50 13/11                         | 12          | 50     | 13 | 11     | 40        | 3,50        | 970                   |
| BANDALUX RADIO SOLAR                        | KIT SOLAR STATION 40 10/12          | 12          | 40     | 10 | 12     | 36        | 3           | 630                   |
|   | KIT SOLAR STATION 50 20/16          | 12          | 50     | 20 | 16     | 72        | 6           | 680                   |
| SOMFY® HARDWIRED                            | MERCURE 40 3/30                     | 230         | 40     | 3  | 30     | 80        | 0,35        | 610                   |
|   | ARIES 40 SHORT 4/16                 | 230         | 40     | 4  | 16     | 65        | 0,28        | 540                   |
|   | ARIANE 50 6/32                      | 230         | 50     | 6  | 32     | 120       | 0,52        | 660                   |
|   | ATLAS 50 15/32                      | 230         | 50     | 15 | 32     | 240       | 1,04        | 740                   |
|   | MAESTRIA 50 WT 6/17 <sup>(3)</sup>  | 230         | 50     | 6  | 17     | 90        | 0,45        | 690                   |
|   | MAESTRIA 50 WT 10/17 <sup>(3)</sup> | 230         | 50     | 10 | 17     | 120       | 0,50        | 690                   |
|   | MAESTRIA 50 WT 15/17 <sup>(3)</sup> | 230         | 50     | 15 | 17     | 140       | 0,65        | 740                   |
| SOMFY® HARDWIRED QUIET <sup>(2)</sup>       | SONESSE 40 3/30                     | 230         | 40     | 3  | 30     | 95        | 0,41        | 610                   |
|   | SONESSE 50 6/28                     | 230         | 50     | 6  | 28     | 146       | 0,63        | 750                   |
|   | SONESSE 50 10/28                    | 230         | 50     | 10 | 28     | 180       | 0,78        | 750                   |
|   | SONESSE 50 15/17                    | 230         | 50     | 15 | 17     | 153       | 0,67        | 750                   |
| SOMFY® RTS                                  | ALTUS 40 3/30                       | 230         | 40     | 3  | 30     | 80        | 0,35        | 640                   |
|   | ALTUS 50 6/32                       | 230         | 50     | 6  | 32     | 90        | 0,39        | 790                   |
|   | ALTUS 50 15/17                      | 230         | 50     | 15 | 17     | 140       | 0,61        | 790                   |
| SOMFY® RTS QUIET <sup>(2)</sup>             | SONESSE 40 3/30                     | 230         | 40     | 3  | 30     | 95        | 0,41        | 650                   |
|   | SONESSE 50 6/28                     | 230         | 50     | 6  | 28     | 146       | 0,63        | 930                   |
|   | SONESSE 50 10/28                    | 230         | 50     | 10 | 28     | 180       | 0,78        | 930                   |
|   | SONESSE 50 15/17                    | 230         | 50     | 15 | 17     | 153       | 0,67        | 930                   |
| SOMFY® IO                                   | SUNEA SCREEN 40 3/30                | 230         | 40     | 3  | 30     | 90        | 0,39        | 640                   |
|   | SUNEA SCREEN 50 6/32                | 230         | 50     | 6  | 32     | 120       | 0,52        | 790                   |
|   | SUNEA SCREEN 50 15/32               | 230         | 50     | 15 | 32     | 240       | 1,04        | 810                   |
| SOMFY® IO QUIET <sup>(2)</sup>              | SONESSE 40 IO 3/30                  | 230         | 40     | 3  | 30     | 95        | 0,91        | 690                   |

❶ (1) For widths between 200 mm and 400 mm, maximum height without side guides will be 1500 mm. Guiding needed for larger heights. / (2) Motor only compatible for indoor installation. / (3) Motor with electronic limit switch. / To guarantee proper functioning, Bandalux will provide the right motor model for the shade size.

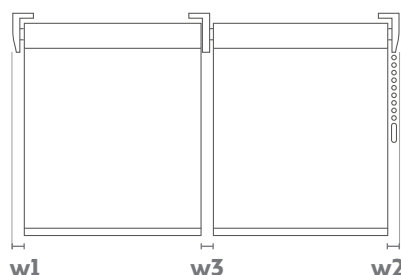
# PREMIUM PLUS

## TECHNICAL DATA

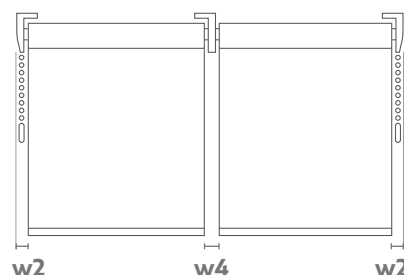
### Space between bracket and fabric (GAP)



One shade with 1 op. system



Two shades with 1 op. system



Two shades with 2 op. systems

**w1** Support side

**w2** Controls side

|                 |                      | without side guides |       |       |       | with cable guides |       |    |    |
|-----------------|----------------------|---------------------|-------|-------|-------|-------------------|-------|----|----|
|                 |                      | w1                  | w2    | w3    | w4    | w1                | w2    | w3 | w4 |
| PREMIUM PLUS I  | CHAIN                | 21 mm               | 20 mm | 32 mm | 33 mm | 21 mm             | 20 mm | -  | -  |
|                 | MOTOR                | 21 mm               | 23 mm | 32 mm | 33 mm | 21 mm             | 23 mm | -  | -  |
| PREMIUM PLUS II | CHAIN                | 21 mm               | 20 mm | 32 mm | 33 mm | 21 mm             | 20 mm | -  | -  |
|                 | CRANK                | 21 mm               | 32 mm | 32 mm | 33 mm | 21 mm             | 32 mm | -  | -  |
|                 | MOTOR <sup>(1)</sup> | 21 mm               | 25 mm | 32 mm | 33 mm | 21 mm             | 25 mm | -  | -  |

<sup>(1)</sup> Add 3 mm on the controls side for Bandalux ø 50 mm motor-operated systems.

### Controls height

#### CHAIN

##### CHAIN-OPERATED WITH CHILD SAFETY SYSTEM

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

##### CHAIN-OPERATED WITHOUT CHILD SAFETY SYSTEM

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



##### Premium Plus I

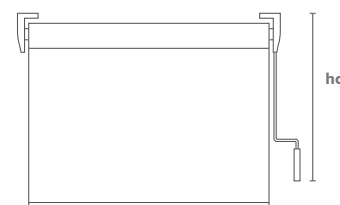
Minimum calculation for hc :  
 $H \times 0,70 + 50 \text{ mm}$

##### Premium Plus II

Minimum calculation for hc :  
 $H \times 0,90 + 50 \text{ mm}$

| Example of calculation |                                     |            |
|------------------------|-------------------------------------|------------|
| Shade height <b>H</b>  | Controls height <b>hc</b> (minimum) |            |
|                        | P. Plus I                           | P. Plus II |
| 1000 mm                | 750 mm                              | 950 mm     |
| 2000 mm                | 1450 mm                             | 1850 mm    |
| 2500 mm                | 1800 mm                             | 2300 mm    |
| 4000 mm                | 2850 mm                             | 3650 mm    |

#### CRANK



##### Recommended crank heights **hc**

1000 mm

1200 mm

1400 mm

1600 mm

1800 mm

2000 mm

2200 mm

2400 mm

2600 mm

2800 mm

3000 mm

<sup>(1)</sup> 1. 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.

2. In single crank control, the controls height is considered with the crank in the operative position. Add 140 mm to obtain the crank extended measurement.

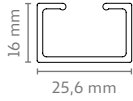
# PREMIUM PLUS

## TECHNICAL DATA

### Side guides sizes

#### ALUMINUM CHANNEL

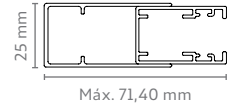
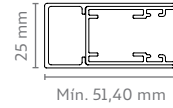
'U - 201'  
Low



'U - 301'  
Compact

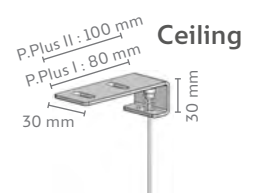
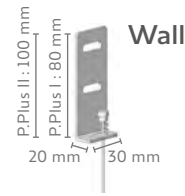
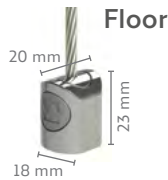


'R2'  
Telescopic

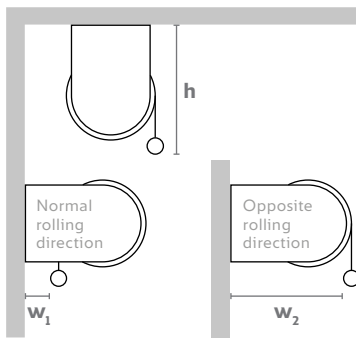


#### CABLE GUIDE

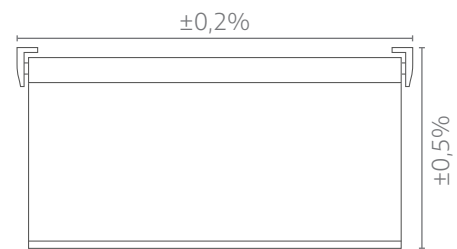
INDOOR/OUTDOOR  
stainless  $\varnothing$  3,5 mm



### Bottom bars and retraction heights (mm)



### Production tolerance

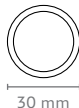


⚠ According to EN13120 European standard.

#### HIDDEN BOTTOM BARS



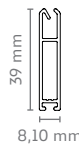
$\varnothing$  20 mm



$\varnothing$  30 mm

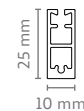


Teardrop

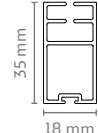


⚠ Only for R2 channel

Mini Plain



Slim 25



Slim35

|                              |       | HIDDEN BOTTOM BARS                       |   |  |  |   |  |  |   |  | VISIBLE BOTTOM BARS                      |   |  |  |   |  |  |   |  |
|------------------------------|-------|--|---|--|--|---|--|--|---|--|--|---|--|--|---|--|--|---|--|
|                              |       | $\varnothing$ 20 mm                      |   |  | $\varnothing$ 30 mm                      |   |  | Teardrop                                 |   |  | Mini Plain                               |   |  | Slim 25                                  |   |  | Slim35                                   |   |  |
|                              |       | Ceiling                                  | Wall                                      |  | Ceiling                                  | Wall                                      |  | Ceiling                                  | Wall                                      |  | Ceiling                                  | Wall                                      |  | Ceiling                                  | Wall                                      |  | Ceiling                                  | Wall                                      |  |
| PREMIUM PLUS I short bracket | h=100 | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  |
|                              |       | w <sub>1</sub> =1<br>w <sub>2</sub> =62  | w <sub>1</sub> =18<br>w <sub>2</sub> =80  |  | w <sub>1</sub> =1<br>w <sub>2</sub> =57  | w <sub>1</sub> =13<br>w <sub>2</sub> =75  |  | w <sub>1</sub> =5<br>w <sub>2</sub> =67  | w <sub>1</sub> =23<br>w <sub>2</sub> =85  |  | w <sub>1</sub> =6<br>w <sub>2</sub> =68  | w <sub>1</sub> =24<br>w <sub>2</sub> =86  |  | w <sub>1</sub> =5<br>w <sub>2</sub> =67  | w <sub>1</sub> =23<br>w <sub>2</sub> =85  |  | w <sub>1</sub> =1<br>w <sub>2</sub> =63  | w <sub>1</sub> =29<br>w <sub>2</sub> =81  |  |
| PREMIUM PLUS I long bracket  | h=128 | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  |
|                              |       | w <sub>1</sub> =28<br>w <sub>2</sub> =90 | w <sub>1</sub> =46<br>w <sub>2</sub> =108 |  | w <sub>1</sub> =23<br>w <sub>2</sub> =85 | w <sub>1</sub> =41<br>w <sub>2</sub> =103 |  | w <sub>1</sub> =33<br>w <sub>2</sub> =95 | w <sub>1</sub> =51<br>w <sub>2</sub> =113 |  | w <sub>1</sub> =34<br>w <sub>2</sub> =96 | w <sub>1</sub> =52<br>w <sub>2</sub> =114 |  | w <sub>1</sub> =33<br>w <sub>2</sub> =95 | w <sub>1</sub> =51<br>w <sub>2</sub> =113 |  | w <sub>1</sub> =29<br>w <sub>2</sub> =91 | w <sub>1</sub> =47<br>w <sub>2</sub> =109 |  |
| PREMIUM PLUS II              | h=120 | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  | Min                                      | Max                                       |  |
|                              |       | w <sub>1</sub> =2<br>w <sub>2</sub> =77  | w <sub>1</sub> =22<br>w <sub>2</sub> =100 |  | w <sub>1</sub> =2<br>w <sub>2</sub> =72  | w <sub>1</sub> =17<br>w <sub>2</sub> =95  |  | w <sub>1</sub> =5<br>w <sub>2</sub> =82  | w <sub>1</sub> =27<br>w <sub>2</sub> =105 |  | w <sub>1</sub> =6<br>w <sub>2</sub> =83  | w <sub>1</sub> =28<br>w <sub>2</sub> =106 |  | w <sub>1</sub> =5<br>w <sub>2</sub> =82  | w <sub>1</sub> =27<br>w <sub>2</sub> =105 |  | w <sub>1</sub> =2<br>w <sub>2</sub> =78  | w <sub>1</sub> =23<br>w <sub>2</sub> =101 |  |

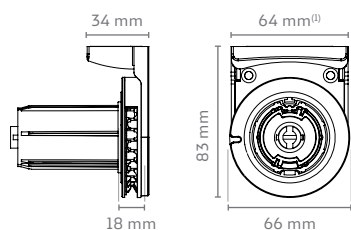
# PREMIUM PLUS

## TECHNICAL DATA

### Bracket sizes with cover and mechanisms

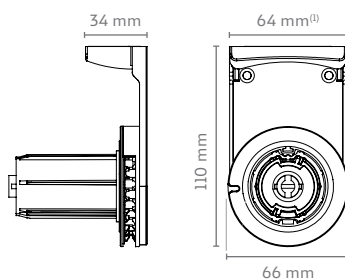
#### PREMIUM PLUS I

##### CHAIN : Short bracket



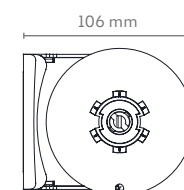
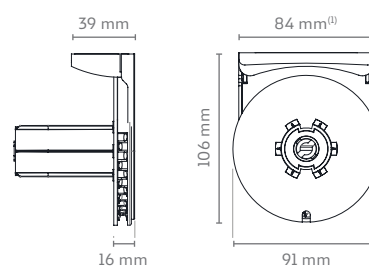
❗ (1) Cable guiding : add 18 mm to bracket width.

##### CHAIN : Long bracket



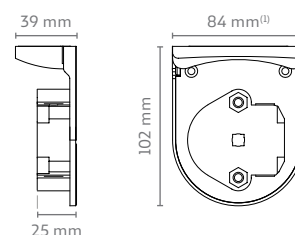
#### PREMIUM PLUS II

##### CHAIN

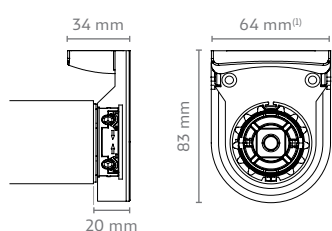


❗ (1) Cable guiding : add 18 mm to bracket width(1)

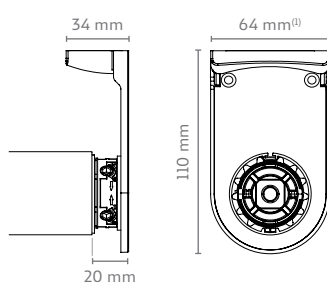
##### CRANK



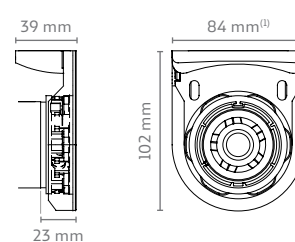
##### MOTOR : Short bracket



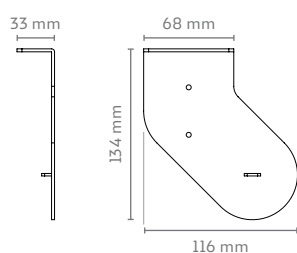
##### MOTOR : Long bracket



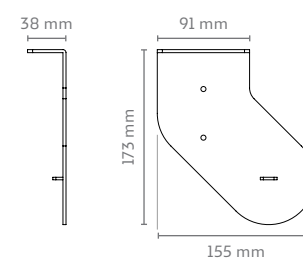
##### MOTOR



##### DOUBLE SHADE



##### DOUBLE SHADE



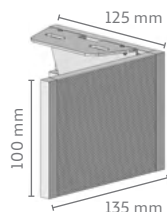


# PREMIUM PLUS

## TECHNICAL DATA

### Trazer technical information

#### CORNER PIECE SIZE



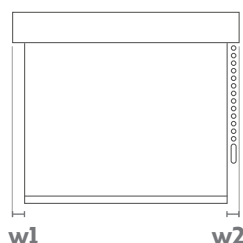
**100 mm  
Corner piece**

#### PROJECTION CUSTOMIZATION

(not available for the corner piece)

|                    | Projection width |
|--------------------|------------------|
| RECOMMENDED        | 125 mm           |
| WITHOUT PROJECTION | 0 mm             |
| MINIMUM            | 50 mm            |
| MAXIMUM            | 150 mm           |

#### SPACE BETWEEN BRACKET AND FABRIC



**w1** Support side

**w2** Controls side

|                                    |              | w1    | w2    |
|------------------------------------|--------------|-------|-------|
| <b>100 mm<br/>TRAZER</b>           | CHAIN        | 29 mm | 28 mm |
|                                    | 230Vac MOTOR | 29 mm | 33 mm |
| <b>100 mm<br/>CORNER<br/>PIECE</b> | CHAIN        | 29 mm | 28 mm |
|                                    | 230Vac MOTOR | 29 mm | 33 mm |

#### MOUNT PLATE CUSTOMIZATION

(not available for the corner piece)

|                        | Mount plate width |
|------------------------|-------------------|
| STANDARD               | 125 mm            |
| WITHOUT MOUNT PLATE    | --                |
| MINIMUM                | 125 mm            |
| MAXIMUM <sup>(1)</sup> | 190 mm            |

**(1)** The mount plate can only be extended in a wall-mounted installation..

### COMPATIBLE MOTORS

| MOTOR TYPE                            | MOTOR NAME                          | Voltage (V) | Ø (mm) | Nm | r.p.m. | Power (W) | Current (A) | Min shade width (mm) |
|---------------------------------------|-------------------------------------|-------------|--------|----|--------|-----------|-------------|----------------------|
| BANDALUX HARWIRED                     | M2 50 6/32                          | 230         | 50     | 6  | 32     | 120       | 0,52        | 660                  |
|                                       | M2 50 20/17                         | 230         | 50     | 20 | 17     | 160       | 0,7         | 710                  |
| BANDALUX RADIO                        | R2 50 6/32                          | 230         | 50     | 6  | 32     | 120       | 0,52        | 710                  |
|                                       | R2 50 20/17                         | 230         | 50     | 20 | 17     | 160       | 0,7         | 730                  |
| BANDALUX BATTERY QUIET <sup>(1)</sup> | RECHARGEABLE BI 50 13/11            | 12          | 50     | 13 | 11     | 40        | 3,50        | 970                  |
| SOMFY® HARWIRED                       | ARIANE 50 6/32                      | 230         | 50     | 6  | 32     | 120       | 0,52        | 660                  |
|                                       | ATLAS 50 15/32                      | 230         | 50     | 15 | 32     | 240       | 1,04        | 740                  |
|                                       | MAESTRIA 50 WT 6/17 <sup>(2)</sup>  | 230         | 50     | 6  | 17     | 90        | 0,45        | 690                  |
|                                       | MAESTRIA 50 WT 10/17 <sup>(2)</sup> | 230         | 50     | 10 | 17     | 120       | 0,50        | 690                  |
|                                       | MAESTRIA 50 WT 15/17 <sup>(2)</sup> | 230         | 50     | 15 | 17     | 140       | 0,65        | 740                  |
| SOMFY® HARWIRED QUIET <sup>(1)</sup>  | SONESSE 50 6/28                     | 230         | 50     | 6  | 28     | 146       | 0,63        | 750                  |
|                                       | SONESSE 50 10/28                    | 230         | 50     | 10 | 28     | 180       | 0,78        | 750                  |
|                                       | SONESSE 50 15/17                    | 230         | 50     | 15 | 17     | 153       | 0,67        | 750                  |
| SOMFY® RTS                            | ALTUS 50 6/32                       | 230         | 50     | 6  | 32     | 90        | 0,39        | 790                  |
|                                       | ALTUS 50 15/17                      | 230         | 50     | 15 | 17     | 140       | 0,61        | 790                  |
| SOMFY® RTS QUIET <sup>(1)</sup>       | SONESSE 50 6/28                     | 230         | 50     | 6  | 28     | 146       | 0,63        | 930                  |
|                                       | SONESSE 50 10/28                    | 230         | 50     | 10 | 28     | 180       | 0,78        | 930                  |
|                                       | SONESSE 50 15/17                    | 230         | 50     | 15 | 17     | 153       | 0,67        | 930                  |
| SOMFY® IO                             | SUNEA SCREEN 50 6/32                | 230         | 50     | 6  | 32     | 120       | 0,52        | 790                  |
|                                       | SUNEA SCREEN 50 15/32               | 230         | 50     | 15 | 32     | 240       | 1,04        | 810                  |

**(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.

# **BANDALUX**