BANDALUX

B-BOX® & B-BOX® DUO

Elegance and contemporary design are what define the B-Box® from Bandalux. Made of durable, highly resistant materials with a premium finish that make our B-Box® suitable for indoor or outdoor applications. B-Box® is available in single or dual shade configurations to reduce heat and add beauty.

AVAILABLE COMPONENT COLORS

Anodized

Black

Dark Brown

White

OPERATING SYSTEM

Chain

Motor

❶ Only indoor installation.

MAXIMUM WIDTH

212" x 64"

MAXIMUM HEIGHT

76" x **275"**

❶ Check 'Fabric Limits' in ProArea.

BOX SYSTEMS - **B-BOX®**

Strong and simple mounting

Bandalux has developed stronger idle ends to deliver benchmark endurance and reliability. It contains a solid system with high quality bearings that provides a perfect, smooth and silent (motion) rotation. It can be easily set up by a simple one hand move thanks to its internal compression spring.

CLICK

PUSH
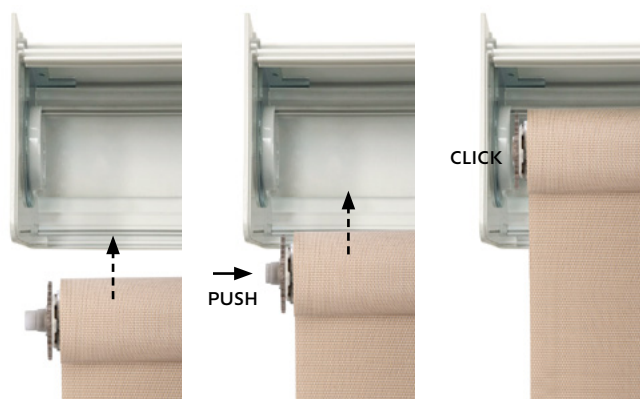
Smoother and silent motorization

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

Two shades, one operating system

Bandalux's new transmission delivers enhanced smoothness enabling two rolling tubes to operate with just one operating system. New bearings have been added to the mechanism to provide silent and perfect, concentric movement.

Height deviations may appear. These deviations are established according to EN13120 standard: ±3% for each fabric. Maximum height deviation between two fabrics being ±6%.

Easy installation

Both for ceiling and wall, the systems have been engineered to ensure a secure yet simple installation for indoor and outdoor aplications. Both the Click-On brackets and the reinforced outdoor Slide-On brackets can be used for mounting on conditions that require either ceiling or front-wall installation. All while maintaining its aesthetic design.

Simple maintenance

The roller shade is protected from the dirt thanks to the box system design. The fabric roll can be accessed without the need complex tools, making maintenance easy and avoid having to dissassemble the device.

A system that combines aesthetics, durability, and efficiency for both indoor and outdoor installations.

Perimeter closure with a sill channel

For fully concealed systems, a profile is integrated to the base where the fabric lays to ensure a perimeter closure of the entire system in which the shade is integrated, reducing light leakage.
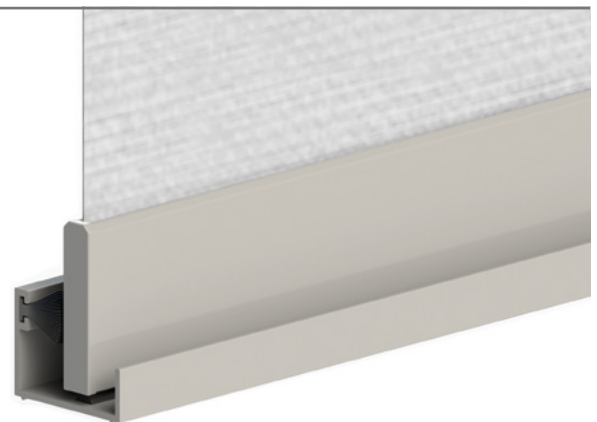
Optimal guide systems

Bandalux offers a wide range of guiding options in both indoor and outdoor solutions that ease fabric movement, responding to Bandalux priority of light control between channel and fabrics.
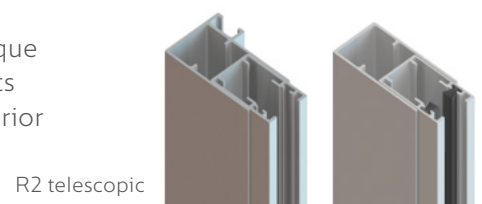
Cable lateral guides

Holds the fabric and allows its outdoor installation.

bottom floor   bottom wall

Aluminum side channels

Engineered to work with semi-opaque systems. The external channel adapts to uneven wall surfaces and the interior channel adapts to the fabric.

R2 telescopic

High energy-saving when installed outside

B-Box® provides provable energy savings on air conditioning when configured with efficient fabrics that offer thermal properties and a high degree of reflection.

Smooth and silent

The chain runs on a support equipped with radiated funnels that provide a smooth drive and reduce the noise when operated.

Safety protection for children

In compliance with the updated child safety standard (ANSI/WCMA A100.1-2022), Bandalux supplies an improved Chain/Cord Tension Device by default.

This device is designed to eliminate free hanging cords and connectors in order to be fully tensioned and fixed to the wall with the aim of preventing children from getting entangled in it.

Features of the new Child Safety Device:

- Easy device assembly.
- Quick installation.
- Smooth and reliable performance.


Maximum comfort, smooth operation

Bandalux has developed a brand new system to reduce the effort and weight sensation when operating your shades.

Redux® system

The system reduces up to 35% of its weight in any size (it does not include a limit stop (endless chain)).

Spring assist

Minimize weight sensation in shades larger than 6 sq yds (it includes a limit stop (endless chain)).

142" x 157" shade example:

Effort without spring assist = 10.6 lbs
Effort with spring assist = 4.9 lbs
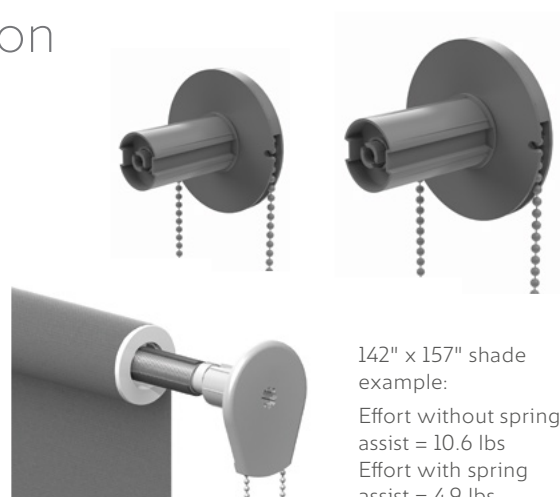
B-Box® Duo:
two solutions in one system

Our B-Box® Duo is the perfect solution when you want both complete blackout and light filtering or decorative options. Using our side channels prevents virtually any light leakage. Perfect for bedrooms when you want blackout sometimes, privacy with sunlight others.

Even the smallest details are considered

Component color combination

Bandalux combines its style with all the system components to deliver best in class products.

Anodized   Black   Dark Brown   White

Bottom hembar wide assortment

Bottom hembars become a differential element:

Mini Plain (included by default)

Slim 35

Euroslim

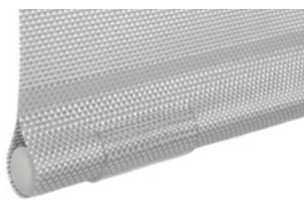Mini Plain fabric wrap

Round fabric wrap (ø¾", ø1³/₁₆")

BOX SYSTEMS - **B-BOX® 2.5**
OPTIONS

Standard configuration

Colors

Anodized

Black

Dark brown
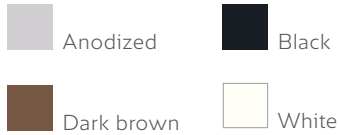
White

❶ By default, Bandalux will provide the B-Box® 2.5 in white unless a different color is indicated on the order form or eBa.

Chain operated
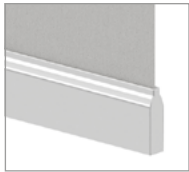
Mini Plain bottom hembar
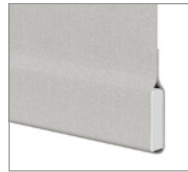
Chain Tension Device

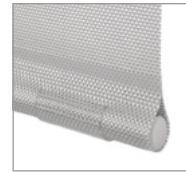## Optional configuration

BOTTOM HEMBARS

Slim 35

Euroslim

Mini Plain fabric wrap

ø¾" and ø1³⁄₁₆" Round fabric wrap

❶ Only available for free drop.

Optional configuration

Metallic chain

White

Silver

Profile special color
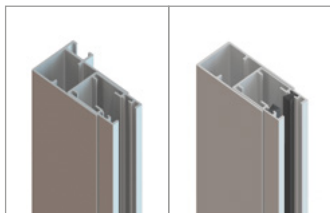
❶ Customized hardware colors available upon request. RAL number must be indicated.
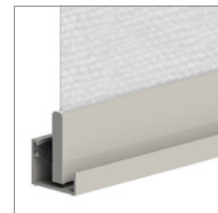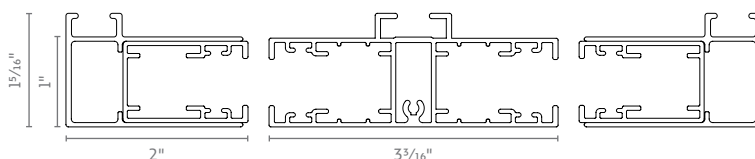
Aluminum side channels (indoor installation)

R2 Telescopic front
R2 Telescopic lateral

❶ Only compatible with Mini Plain and Euroslim bottom hembars. / Maximum height: 137".
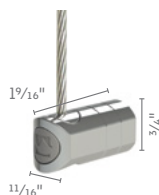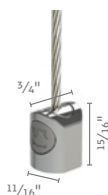
Sill bottom for R2 Telescopic channel

15⁄16"
1"

2"

3³⁄₁₆"

R2 double channels Kit

❶ Maximum height: 137".

Cable guides (indoor/outdoor installation)

Wall fixing

1⁹⁄₁₆"
¾"
¹¹⁄₁₆"

Floor fixing

¾"
¹⁵⁄₁₆"
¹¹⁄₁₆"

ø⅛" Stainless cable guide

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

❶ Only compatible with ø3/4" Round fabric wrap, ø13/16" Round fabric wrap, and Slim 35 bottom hembars.

Operating system options

	MOTOR [1]			ACCESSORIES					
				Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	Somfy® RTS [5]	SONESSE 40 4/36	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
RADIO	Vertilux	QUIET 40 6/33	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	VTi Smart Hub Ref. 12132001
RADIO	Vertilux	ULTRA QUIET 50 6/28	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	VTi Smart Hub Ref. 12132001
LOW VOLTAGE RADIO	Bandalux [4]	RADIO BI 25 1.1/40 [3] Built-in transformer	24Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	--	--	--
LOW VOLTAGE RADIO	Bandalux [4]	RADIO BI 28 2/28 Built-in transformer	24Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	--	--	--
LOW VOLTAGE RADIO	Somfy® RTS [5]	R28 [3] Battery pack	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
LOW VOLTAGE RADIO	Somfy® RTS [5]	SONESSE 30 2/28 [5] Transformer included	24Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Somfy® RTS [5]	SONESSE 30 RECHARGEABLE 2/28 WF	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Somfy® RTS [5]	SONESSE 40 RECHARGEABLE 3/28 WF	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Somfy® RTS [5]	RECHARGEABLE R28 WF [3]	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Rollease Automate [5]	LI-ION 25 1.1 [3]	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Rollease Automate [5]	LI-ION 28 2.0	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Rollease Automate [5]	LI-ION 40 3.0 Not quiet	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Bandalux [4]	RECHARGEABLE BI 25 1.1/40 [3]	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Bandalux [4]	RECHARGEABLE BI 28 2/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Bandalux [4]	RECHARGEABLE BI 40 3/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Vertilux	RECHARGEABLE 38 1.2/30 [3]	7.4Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499411	--	VTi Smart Hub Ref. 12132001
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Vertilux	RECHARGEABLE 38 1.8/30	7.4Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499411	--	VTi Smart Hub Ref. 12132001
LOW VOLTAGE RECHARGEABLE BATTERY [2]	Vertilux	RECHARGEABLE 40 6/18	12Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499412	--	VTi Smart Hub Ref. 12132001

❶ (1) To guarantee a proper functionality Bandalux will provide the appropiate motor model according to the shade size. / (2) Price for RECHARGEABLE battery motors includes 1 charger and 1 cable extender per order. / (3) Only for width less than 31". / (4) Please refer to your sales representative for Bandalux motor delivery deadlines. / (5) Motor only compatible for indoor installation.

BOX SYSTEMS - **B-BOX® 2.5**
OPTIONS

Additional brackets

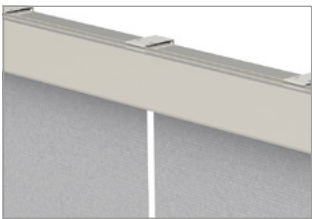Wall/Ceiling indoor installation

Ceiling reinforced bracket

Wall reinforced bracket

❶ Not compatible with front-installed aluminum side channels.
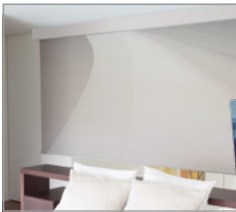
Two shades

Two shades with 2 operating systems

❶ The maximum width for each shade will be the same as the one stablished in FABRIC LIMITS book (maximum combined width: 236").
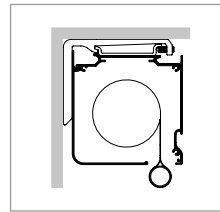
Two shades with 1 operating system (transmission)

❶ Chain-operated: the maximum width for both shades cannot exceed the maximum width of a single shade according to FABRIC LIMITS book (maximum combined width: 236").
Motor-operated: the maximum width for the controls side shade cannot exceed the maximum width of a single motor-operated shade according to FABRIC LIMITS book; the maximum width for opposite side shade cannot exceed the maximum width of a single chain-operated shade according to FABRIC LIMITS book; (maximum combined width: 236").

Other options

Fabric customization
Check 'Digital Printing' rate

Opposite rolling direction installation

❶ Not available for chain-operated system.
For more information, please check technical data.

Standard configuration

Colors

 Anodized

 Black

 Dark brown

 White

❶ By default, Bandalux will provide the B-Box® 3 in white unless a different color is indicated on the order form or eBa.

Chain operated
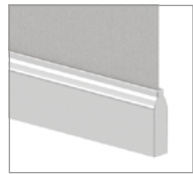
Mini Plain bottom hembar

Chain Tension Device
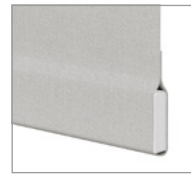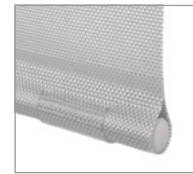
Optional configuration

BOTTOM HEMBARS

Slim 35

Euroslim

Mini Plain fabric wrap

ø³/₄" and ø1³/₁₆" Round fabric wrap

❶ Only available for free drop.

Optional configuration

Metallic chain

Silver

White

Profile special color

❶ Customized hardware colors available upon request. RAL number must be indicated.

Reduced effort for chain-operated systems

Redux® system

Bandalux recomends REDUX® SYSTEM:

Chain clutch mechanism that **reduces up to 35% of the shade's weight**.

❶ Redux® systems do not include a limit stop (endless chain). / The chain route length is three times the shade height.

Spring assist

Recommended for shades larger than 6 sq yds:
142" x 157" shade example:
• Effort without spring assist = 10.6 lbs
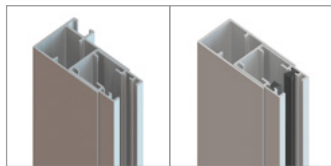• Effort without spring assist = 4.9 lbs

Operating system options

	MOTOR(1)			ACCESSORIES					
				Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	Somfy® RTS	SONESSE 40 4/36 (5)	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
		SONESSE 50 6/32 (5)	120Vac						
		ULTRA QUIET 50 6/24	120Vac						
	Vertilux	QUIET 40 6/33	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	VTi Smart Hub Ref. 12132001
		ULTRA QUIET 50 6/28	120Vac						
LOW VOLTAGE RADIO	Bandalux(4)(5)	RADIO BI 25 1.1/40 (3) Built-in transformer	24Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	--	--	--
		RADIO BI 28 2/28 Built-in transformer	24Vdc						
	Somfy® RTS(5)	R28 (3) Battery pack	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
		SONESSE 30 2/28 (5) Transformer included	24Vdc						
LOW VOLTAGE RECHARGEABLE BATTERY(2)	Somfy® RTS(5)	SONESSE 30 RECHARGEABLE 2/28 WF (5)	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
		SONESSE 40 RECHARGEABLE 3/28 WF (5)	12Vdc						
		RECHARGEABLE R28 WF	12Vdc						
	Rollease Automate(5)	LI-ION 25 1.1 (3)	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
		LI-ION 28 2.0	12Vdc						
		LI-ION 40 3.0 Not quiet	12Vdc						
	Bandalux(4)(5)	RECHARGEABLE BI 25 1.1/40 (3)	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
		RECHARGEABLE BI 28 2/28	12Vdc						
		RECHARGEABLE BI 40 3/28	12Vdc						
		RECHARGEABLE BI 50 3/28	12Vdc						
		RECHARGEABLE BI 50 10/9	12Vdc						
	Vertilux(5)	RECHARGEABLE 38 1,2/30 (3)	7.4Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499411	--	VTi Smart Hub Ref. 12132001
		RECHARGEABLE 38 1,8/30	7.4Vdc						
		RECHARGEABLE 40 6/18	12Vdc				Charger Ref. 05499412		

(1) To guarantee a proper functionality Bandalux will provide the appropiate motor model according to the shade size. / **(2)** Price for RECHARGEABLE battery motors includes 1 charger and 1 cable extender per order. / **(3)** Only for width less than 31". / **(4)** Please refer to your sales representative for Bandalux motor delivery deadlines. / **(5)** Motor only compatible for indoor installation.
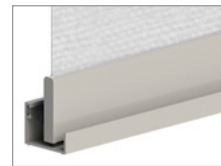
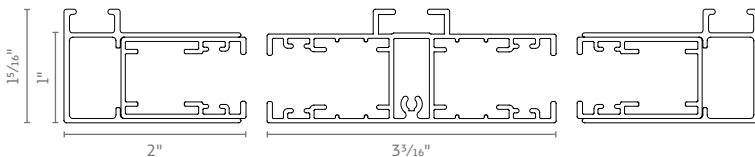## Aluminum side channels (indoor installation)

**R2 Telescopic front
R2 Telescopic lateral**

Only compatible with Mini Plain and Euroslim bottom hembars. / Maximum height: 137".
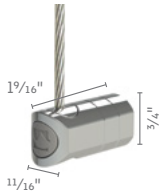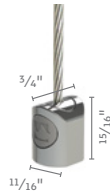

Sill bottom for R2 Telescopic channel

1⁵/₁₆"
1"
2"
3³/₁₆"

R2 double channels Kit

Maximum height: 137".

Cable guides (indoor/outdoor installation)

Wall
fixing

1⁹/₁₆" 3/4" 11/₁₆"

Floor
fixing

3/4" 15/₁₆" 11/₁₆"

ø³/₃₂" Cable guide (indoor)

ø¹/₈" Stainless cable guide* (indoor/outdoor)

❶ *Only compatible with ø3/4" Round fabric wrap, ø13/16" Round fabric wrap, and Slim 35 bottom hembars.

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

Additional brackets

Wall/Ceiling indoor installation

Ceiling reinforced bracket

Wall reinforced bracket

❶ Not compatible with front-installed aluminum side channels.

Two shades

Two shades with 2 operating systems

❶ The maximum width for each shade will be the same as the one stablished in FABRIC LIMITS book (maximum combined width: 236").

Two shades with 1 operating system (transmission)

❶ Chain-operated: the maximum width for both shades cannot exceed the maximum width of a single shade according to FABRIC LIMITS book (maximum combined width: 236").
Motor-operated: the maximum width for the controls side shade cannot exceed the maximum width of a single motor-operated shade according to FABRIC LIMITS book; the maximum width for opposite side shade cannot exceed the maximum width of a single chain-operated shade according to FABRIC LIMITS book; (maximum combined width: 236").

Other options

Fabric customization
Check 'Digital Printing' rate
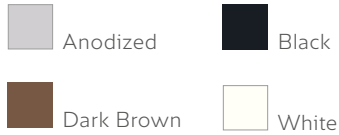
Opposite rolling direction installation

❶ Not available for chain-operated system. / For more information, please check technical data.

BOX SYSTEMS - **B-BOX® 4**
OPTIONS

Standard configuration

Colors

■ Anodized   ■ Black
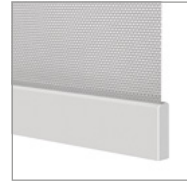
■ Dark Brown   ☐ White

❶ By default, Bandalux will provide the B-Box® 4 in white unless a different color is indicated on the order form or eBa.
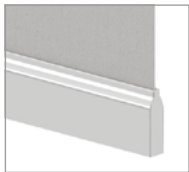
Chain operated

Mini Plain bottom hembar

■ ■ ☐ ■ ☐

Chain Tension Device

Optional configuration

BOTTOM HEMBARS

Slim 35

■ ■ ☐ ■ ☐

Euroslim

■ ■ ☐ ■ ☐

Mini Plain fabric wrap

❶ Only available for free drop.

ø³/₄" and ø1³/₁₆" Round fabric wrap

Optional configuration

Metallic chain

■ Silver   ☐ White

Profile special color

❶ Customized hardware colors available upon request. RAL number must be indicated.

Reduced effort for chain-operated systems

Redux® system

Bandalux recomends REDUX® SYSTEM:

Chain clutch mechanism that **reduces up to 35% of the shade's weight**.

❶ Redux® systems do not include a limit stop (endless chain). / The chain route length is three times the shade height.

Spring assist

Recommended for shades larger than 6 sq yds:
142" x 157" shade example:
• Effort without spring assist = 10.6 lbs
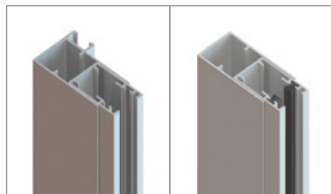• Effort without spring assist = 4.9 lbs

Operating system options

MOTOR

MOTOR [1]			ACCESSORIES					
			Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO Somfy® RTS	SONESSE 40 4/36 [4]	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
	SONESSE 50 6/32 [4]	120Vac						
	SONESSE 50 10/32 [4]	120Vac						
	ULTRA QUIET 50 6/24	120Vac						
Vertilux	QUIET 40 6/33	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	VTi Smart Hub Ref. 12132001
	ULTRA QUIET 50 6/28	120Vac						
LOW VOLTAGE RECHARGEABLE BATTERY [2] Somfy® RTS	SONESSE 40 RECHARGEABLE 3/28 WF [4]	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
Rollease Automate [4]	LI-ION 40 3.0 Not quiet	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
	LI-ION 50 3.0	12Vdc						
	LI-ION 50 10.0	12Vdc						
Bandalux [3][4]	RECHARGEABLE BI 40 3/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
	RECHARGEABLE BI 50 3/28	12Vdc						
	RECHARGEABLE BI 50 10/9	12Vdc						
Vertilux [4]	RECHARGEABLE 40 6/18	12Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499412	--	VTi Smart Hub Ref. 12132001

❶ **(1)** To guarantee a proper functionality Bandalux will provide the appropiate motor model according to the shade size. / **(2)** Price for rechargeable battery motors includes 1 charger and 1 cable extender per order. / **(3)** Please refer to your sales representative for Bandalux motor delivery deadlines. / **(4)** Motor only compatible for indoor installation.
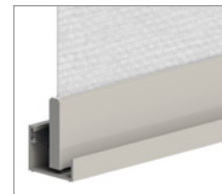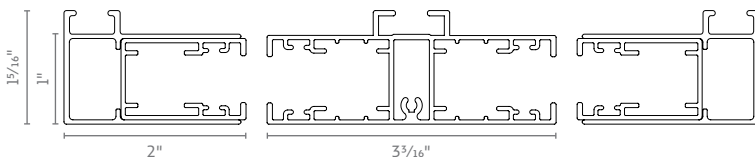
Aluminum side channels (indoor installation)

R2 Telescopic front
R2 Telescopic lateral

❶ Only compatible with Mini Plain and Euroslim bottom hembars./ Maximum height: 137".

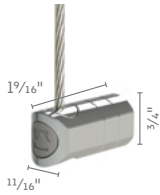**Sill bottom for R2 Telescopic channel**

R2 double channels Kit

❶ Special order. Delivery time: 6-8 weeks. / Maximum height: 137".

BOX SYSTEMS - **B-BOX® 4**
OPTIONS

Cable guides (indoor/outdoor installation)

Wall
fixing

1⁹⁄₁₆"
³⁄₄"
¹¹⁄₁₆"

Floor
fixing

³⁄₄"
1⁵⁄₁₆"
¹¹⁄₁₆"

ø³⁄₃₂" Cable guide (indoor)

ø¹⁄₈" Stainless cable guide* (indoor/outdoor)

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

❶ *Only compatible with ø³⁄₄" Round fabric wrap, ø1³⁄₁₆" Round fabric wrap, and Slim 35 bottom hembars.

Additional brackets

Wall/Ceiling
indoor
installation

Ceiling
reinforced
bracket

Wall
reinforced
bracket

❶ Not compatible with front-installed aluminum side channels.

Two shades

Two shades with
2 operating systems

Two shades with 1 operating
system (transmission)

❶ The maximum width for each shade will be the same as the one stablished in FABRIC LIMITS book (maximum combined width: 236").

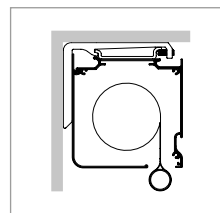❶ Chain-operated: the maximum width for both shades cannot exceed the maximum width of a single shade according to FABRIC LIMITS book (maximum combined width: 236").
Motor-operated: the maximum width for the controls side shade cannot exceed the maximum width of a single motor-operated shade according to FABRIC LIMITS book; the maximum width for opposite side shade cannot exceed the maximum width of a single chain-operated shade according to FABRIC LIMITS book; (maximum combined width: 236").
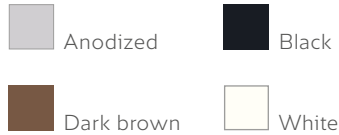
Other options

Fabric customization

Opposite rolling
direction installation

❶ Not available for chain-operated system. / For more information, please check technical data.

Standard configuration

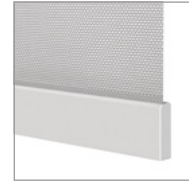### Colors

 Anodized

 Black

 Dark brown

 White

❶ By default, Bandalux will provide the B-Box® 5 in white unless a different color is indicated on the order form or eBa.

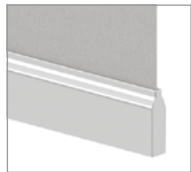**Chain operated**

Mini Plain bottom hembar

Chain Tension Device

Optional configuration

BOTTOM HEMBARS

Slim 35

Euroslim

Mini Plain fabric wrap

ø³⁄₄" and ø1³⁄₁₆" Round fabric wrap

❶ Only available for free drop.

Optional configuration

Metallic chain

☐ White ☐ Silver

Profile special color

❶ Customized hardware colors available upon request. RAL number must be indicated.

Reduced effort for chain-operated systems

Redux® system

Bandalux recomends REDUX® SYSTEM:

Chain clutch mechanism that **reduces up to 35% of the shade's weight**.

❶ Redux® systems do not include a limit stop (endless chain). / The chain route length is three times the shade height.

Spring assist

Recommended for shades larger than 6 sq yds:

142" x 157" shade example:
- Effort without spring assist = 10.6 lbs
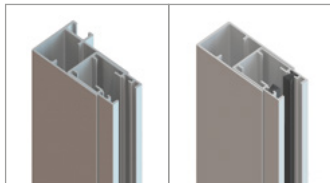- Effort without spring assist = 4.9 lbs

Operating system options

MOTOR

	MOTOR[1]		ACCESSORIES					
			Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	Somfy® RTS	SONESSE 50 6/32 [4] — 120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
		SONESSE 50 10/32 [4] — 120Vac						
		ULTRA QUIET 50 6/24 — 120Vac						
LOW VOLTAGE RECHARGEABLE BATTERY[2]	Rollease Automate[4]	LI-ION 50 3.0 — 12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
		LI-ION 50 10.0 — 12Vdc						
	Bandalux[3][4]	RECHARGEABLE BI 50 3/28 — 12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
		RECHARGEABLE BI 50 10/9 — 12Vdc						

❶ **(1)** To guarantee a proper functionality Bandalux will provide the appropiate motor model according to the shade size. / **(2)** Price for rechargeable battery motors includes 1 charger and 1 cable extender per order. / **(3)** Please refer to your sales representative for Bandalux motor delivery deadlines. / **(4)** Motor only compatible for indoor installation.
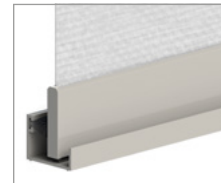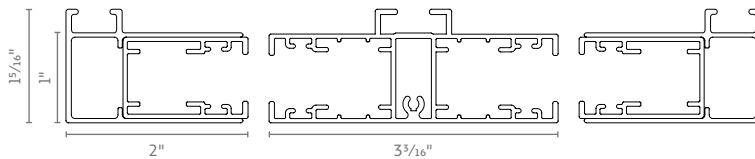
Aluminum side channels (indoor installation)

R2 Telescopic front
R2 Telescopic lateral

❶ Only compatible with Mini Plain and Euroslim bottom hembars. / Maximum height: 137".
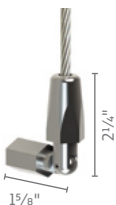

Sill bottom for R2 Telescopic channel

R2 double channels Kit

❶ Special order. Delivery time: 6-8 weeks. / Maximum height: 137".

Cable guides (indoor/outdoor installation)

Wall fixing

Floor fixing

ø³⁄₁₆" Stainless Cable guide

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

❶ Only compatible with ø13/16" Round fabric wrap and Slim 35 bottom hembars.

Additional brackets

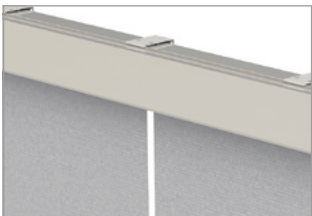### Ceiling reinforced bracket

❶ Cotter included.

Wall reinforced bracket

❶ Not compatible with front-installed aluminum side channels. / Cotter included.

Two shades

Two shades with 2 operating systems

❶ The maximum width for each shade will be the same as the one stablished in FABRIC LIMITS book (maximum combined width: 236").

Two shades with 1 operating system (transmission)

❶ Chain-operated: the maximum width for both shades cannot exceed the maximum width of a single shade according to FABRIC LIMITS book (maximum combined width: 236").
Motor: the maximum width for the controls side shade cannot exceed the maximum width of a single motor-operated shade according to FABRIC LIMITS book; the maximum width for opposite side shade cannot exceed the maximum width of a single chain-operated shade according to FABRIC LIMITS book; (maximum combined width: 236").

Other options

Fabric customization
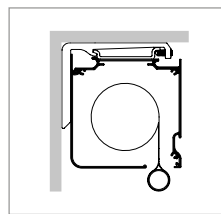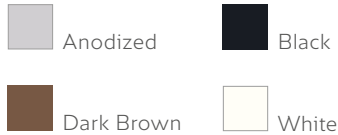
Opposite rolling direction installation

❶ Only available with aluminum side channels. / Not available for chain-operated system. / For more information, please check technical data.

BOX SYSTEMS - **B-BOX® DUO**
OPTIONS

Standard configuration

Colors

 Anodized

 Black

 Dark Brown

 White

❶ By default, Bandalux will provide the B-Box® Duo in white unless a different color is indicated on the order form or eBa.

Metallic chain operated

Spring assist

❶ Included for shades over 59" wide.

Mini Plain bottom hembar

Chain Tension Device

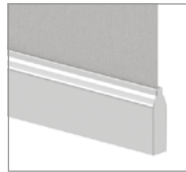## Optional configuration

Plastic chain

BOTTOM HEMBARS

Slim 35

Euroslim

Mini Plain fabric wrap

ø¾" and ø1³⁄₁₆" Round fabric wrap

❶ Only available for free drop.

Optional configuration

Profile special color

❶ Customized hardware colors available upon request. RAL number must be indicated.

Reduced effort for chain-operated systems

Redux® system

Bandalux recomends REDUX® SYSTEM:

Chain clutch mechanism that **reduces up to 35% of the shade's weight**.

❶ Redux® systems do not include a limit stop (endless chain). / The chain route length is three times the shade height.

Spring assist

Recommended for shades larger than 6 sq yds:
142" x 157" shade example:
• Effort without spring assist = 10.6 lbs
• Effort without spring assist = 4.9 lbs

Operating system options

❶ To estimate the full B-Box® Duo shade price you will need to add the two corresponding base price for each one of the selected fabrics. If you desire a motor-operated system, add the corresponding price. Both operating systems must always be on the same side.
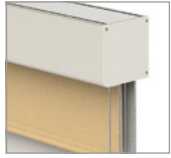
Chain
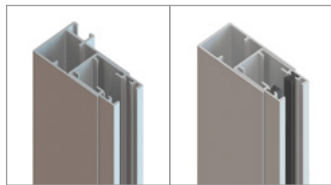**Chain**

❶ Metallic chain served by default.

Motor
Motor

Chain (front shade)
Motor (rear shade)

	MOTOR [1]			**ACCESSORIES**					
				Single channel remote control	Multi channel remote control	Wirefree wall switch	Charger for battery motors	Battery motor cable extender	Wifi RTS interface
RADIO	**Somfy® RTS**	SONESSE 40 4/36 [4]	120Vac	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	--	--	MyLink Ref. 06700949
		SONESSE 50 6/32 [4]	120Vac						
		SONESSE 50 10/32 [4]	120Vac						
		ULTRA QUIET 50 6/24	120Vac						
	Vertilux	QUIET 40 6/33	120Vac	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	--	--	MyLink Ref. 06700949
		ULTRA QUIET 50 6/28	120Vac						
LOW VOLTAGE RECHARGEABLE BATTERY [2]	**Somfy® RTS**	SONESSE 40 RECHARGEABLE 3/28 WF [4]	12Vdc	Situo 1 Ref. 06700604C	Situo 5 Ref. 06700606C	RTS 5 CH Ref. 06705020	Charger Ref. 05499582	Cable ext. 96" Ref. 05499583	MyLink Ref. 06700949
	Rollease Automate	LI-ION 40 3.0 Not quiet	12Vdc	1 CH Ref. 05499930	15 CH Ref. 05499935	5 CH Ref. 05499990	Charger Ref. 05499920	Cable ext. 96" Ref. 05499921	Pulse Hub Ref. 05499971
		LI-ION 50 3.0	12Vdc						
	Bandalux [3]	RECHARGEABLE BI 40 3/28	12Vdc	1 CH Ref. 06701100B	15 CH Ref. 06701110B	15 CH Ref. 06701180B	Charger Ref. 06701210	Cable ext. 8FT Ref. 06701250	--
		RECHARGEABLE BI 50 3/28	12Vdc						
		RECHARGEABLE BI 50 10/9	12Vdc						
	Vertilux	RECHARGEABLE 40 6/18	12Vdc	1 CH Ref. 18510110B	6 CH Ref. 18510120B	6 CH Ref. 18500150	Charger Ref. 05499412	--	VTi Smart Hub Ref. 12132001

❶ **(1)** To guarantee a proper functionality Bandalux will provide the appropiate motor model according to the shade size. / **(2)** Price for rechargeable battery motors includes 1 charger and 1 cable extender per order. / **(3)** Please refer to your sales representative for Bandalux motor delivery deadlines. / **(4)** Motor only compatible for indoor installation.
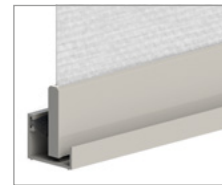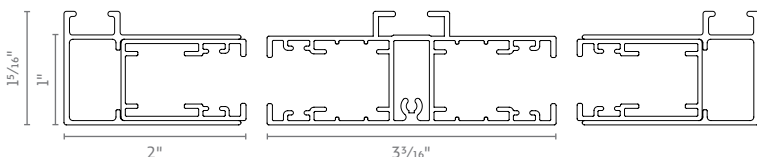
Aluminum side channels (indoor installation)

R2 Telescopic front
R2 Telescopic lateral

❶ Only compatible with Mini Plain and Euroslim bottom hembars. / Maximum height: 137".

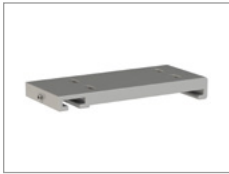**Sill bottom for R2 Telescopic channel**

R2 double channels Kit

❶ Special order. Delivery time: 6-8 weeks. / Maximum height: 137".

BOX SYSTEMS - **B-BOX® DUO**
OPTIONS

Additional brackets
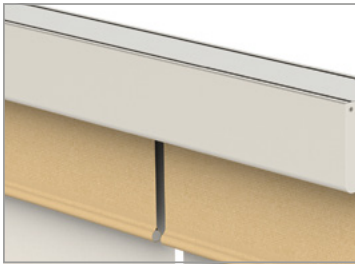
Ceiling reinforced bracket

❶ Cotter included.

Wall reinforced bracket

❶ Not compatible with front-installed aluminum side channels. / Cotter included.

Two shades

Two shades with 4 operating systems

❶ The maximum width for each shade will be the same as the one stablished in FABRIC LIMITS book (maximum combined width: 236").

Two shades with 2 operating systems (transmission)

❶ Chain-operated: the maximum width for both shades cannot exceed the maximum width of a single shade according to FABRIC LIMITS book (maximum combined width: 236").
Motor-operated: the maximum width for the controls side shade cannot exceed the maximum width of a single motor-operated shade according to FABRIC LIMITS book; the maximum width for opposite side shade cannot exceed the maximum width of a single chain-operated shade according to FABRIC LIMITS book; (maximum combined width: 236").

Other options

Fabric customization

Operating systems and minimum shade width

OPERA-TING SYSTEM	MOTOR NAME	Sound Level (dBa)	Ø (mm)	Nm	r.p.m.	IP	Requires charger/transformer	Motor Vdc/Vac	Minimum shade width				
									B-BOX® 2.5	B-BOX® 3	B-BOX® 4	B-Box® 5	B-BOX® DUO
CHAIN	--	--	--	--	--	--	--	--	8"	8"	8''	8''	8"
SOMFY®	R28	48-56	25	1.1	28	20	No	12 Vdc	19"	19"	--	--	--
	RECHARGEABLE R28 WF	N/I/A	25	1.1	28	20	Yes	12 Vdc	28"	28"	--	--	--
	SONESSE 30 2/28 (4)	44	30	2	6/28	30	No	24 Vdc	21"	21"	--	--	--
	SONESSE 30 RECHARGEABLE 2/28 WF (4)	44	30	2	10/28	20	Yes	12 Vdc	28"	28"			
	SONESSE 40 4/36 (4)	42	40	4	36	44	No	120 Vac	25"	25"	25"	--	25"
	SONESSE 40 RECHARGEABLE 3/28 WF(4)	44	40	3	10/28	30	Yes	12 Vdc	30"	30"	30"	--	30"
	SONESSE 50 6/32 (4)	≤44	50	6	32	31	No	120 Vac	--	31"	31"	31"	31"
	SONESSE 50 10/32 (4)	≤45	50	10	32	44	No	120 Vac	--	--	31"	31"	31"
	ULTRA QUIET 50 6/24	≤38	50	6	24	31	No	120 Vac	--	37"	37"	37"	37"
ROLLEASE AUTOMATE	LI-ION 25 1.1	46	25	1.1	40/30/20	44	Yes	12 Vdc	25"	25"	--	--	--
	LI-ION 28 2.0	44	30	2	28/24/20	44	Yes	12 Vdc	30"	30"	--	--	--
	LI-ION 40 3.0	53	35	3	28/24/20	44	Yes	12 Vdc	38"	38"	38"	--	38"
	LI-ION 50 3.0	40	45	3	28/24/20	44	Yes	12 Vdc	--	--	37"	37"	37"
	LI-ION 50 10.0	42	45	10	9/8/6	44	Yes	12 Vdc	--	--	37"	37"	--
BANDALUX	RADIO BI 25 1.1/40	46	25	1.1	40/30/20	44	No	24 Vdc	24"	24"	--	--	--
	RADIO BI 28 2/28	44	28	2	28/24/20	44	No	24 Vdc	32"	32"	--	--	--
	RECHARGEABLE BI 25 1.1/40	46	25	1.1	40/30/20	44	Yes	12 Vdc	27"	27"	--	--	--
	RECHARGEABLE BI 28 2/28	44	28	2	28/24/20	44	Yes	12 Vdc	32"	32"	--	--	--
	RECHARGEABLE BI 40 3/28	53	40	3	28/24/20	44	Yes	12 Vdc	32"	32"	32"	--	32"
	RECHARGEABLE BI 50 3/28	40	50	3	28/24/20	44	Yes	12 Vdc	--	36"	36"	36"	36"
	RECHARGEABLE BI 50 10/9	42	50	10	9/8/6	44	Yes	12 Vdc	--	36"	36"	36"	36"
VERTILUX	RECHARGEABLE 38 1.2/30	N/I/A	38	1.2	30	N/I/A	Yes	7.4 Vdc	22"	22"	--	--	--
	RECHARGEABLE 38 1.8/30	N/I/A	38	1.8	30	N/I/A	Yes	7.4 Vdc	27"	27"	--	--	--
	RECHARGEABLE 40 6/18	N/I/A	35	6	18	N/I/A	Yes	12 Vdc	35"	35"	35"	--	35"
	QUIET 40 6/33	N/I/A	40	6	33	44	No	120 Vac	29"	29"	--	--	29"
	ULTRA QUIET 50 6/28	N/I/A	50	6	28	N/I/A	No	120 Vac	32"	32"	32"	--	32"

❶ For measurements 7⅞"-15¾" wide, maximum height 59¹/₁₆" without guiding. Side guides needed for larger heights. / To guarantee proper functioning, Bandalux will provide the appropiate motor model according to the shade size. / N/I/A: No info available.
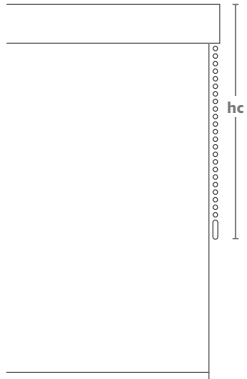**(4)** Motor only compatible for indoor installation.

BOX SYSTEMS - **B-BOX®**
TECHNICAL DATA

Controls height

CHAIN

Minimum calculation for hc:
H x 0.90

Estimate example	
Shade height **H**	Controls height **hc**
40"	36"
80"	72"
160"	144"

hc

❶ The controls height will always be mesured from the highest part of the shade (bracket upper part) to the lowest part of the operating system.

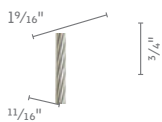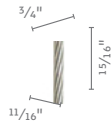### Side guide sizes

CABLE GUIDE

ø³/₃₂" Cable guide (indoor installation)
ø¹/₈" Stainless cable guide (indoor/outdoor)

Wall fixing

1⁹/₁₆"
¾"
¹¹/₁₆"

Floor fixing

¾"
1⁵/₁₆"
¹¹/₁₆"

ø³/₁₆" Stainless cable guide (indoor/outdoor)

Wall fixing

2¼"
1⁵/₈"

Floor fixing

2⁵/₈"
¾"
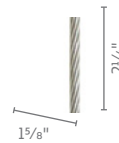
ALUMINUM SIDE CHANNEL (indoor installation)

R2 Telescopic front

1¼"
1¼"
Min. 2¹/₁₆"
Max. 2¹³/₁₆"

R2 Telescopic lateral

1⁵/₁₆"
1⁵/₁₆"
Min. 2¹/₁₆"
Max. 2¹³/₁₆"

R2 double channels Kit

1⁵/₁₆"
1"
2"
3³/₁₆"
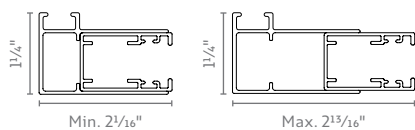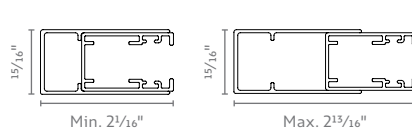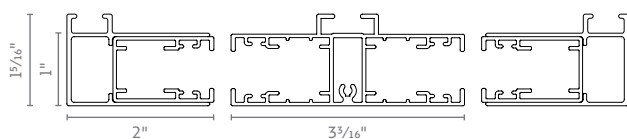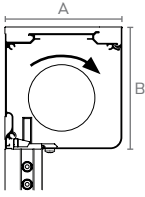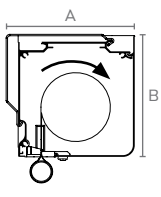
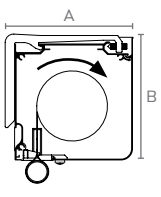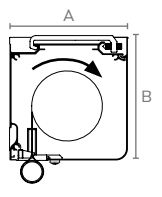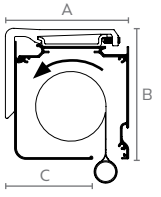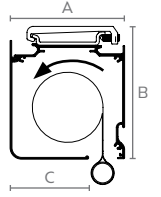#### SILL BOTTOM FOR R2 TELESCOPIC CHANNEL

For B-Box® 2.5/3/4/6/Duo

1"
½"
1⁵/₁₆"
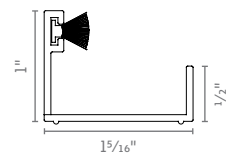
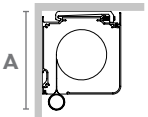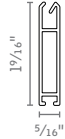## Box system sizes
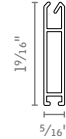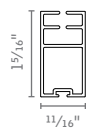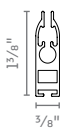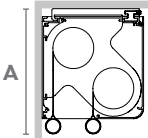
	NORMAL ROLLING DIRECTION								OPPOSITE ROLLING DIRECTION					
	Self-supporting		Wall / Ceiling indoor bracket		Wall reinforced bracket		Ceiling reinforced bracket		Wall reinforced bracket			Ceiling reinforced bracket		
	A	B	A	B	A	B	A	B	A	B	C*	A	B	C*
B-BOX® 2.5	2¹¹/₁₆"	2¾"	3⅛"	2⅞"	3"	2⅞"	2¹¹/₁₆"	2⅞"	3"	3⅛"	2⅝"	2¹¹/₁₆"	3⅛"	1⁵/₁₆"
B-BOX® 3	3⁷/₁₆"	3⁹/₁₆"	3¹³/₁₆"	3⅝"	3¾"	3⅝"	3⁷/₁₆"	3⅝"	3¾"	4"	2⁵/₁₆"	3⁷/₁₆"	3¹⁵/₁₆"	1¹⁵/₁₆"
B-BOX® 4	4"	4⅛"	4⅜"	4¼"	4⁵/₁₆"	4¼"	4"	4¼"	4⁵/₁₆"	4⁹/₁₆"	2⅞"	4"	4½"	2⁹/₁₆"
B-BOX® 5	5⅜"	5⅜"	--	--	5¹³/₁₆"	5¹³/₁₆"	5⅜"	5¹³/₁₆"	--	--	--	--	--	--
B-BOX® DUO	5⅜"	5⅜"	--	--	5¹³/₁₆"	5¹³/₁₆"	5⅜"	5¹³/₁₆"	--	--	--	--	--	--

❶ Opposite rolling direction: NON registrable box system. Not available for chain-operated system. *Worst case scenario (ø13/16" Round fabric wrap bottom hembar).

BOX SYSTEMS - **B-BOX®**
## TECHNICAL DATA

Bottom hembars and retraction heights

B-BOX® 2.5-5

B-BOX® DUO

	HIDDEN BOTTOM HEMBARS			VISIBLE BOTTOM HEMBARS		
	ø¾" Round fabric wrap	ø1³/₁₆" Round fabric wrap	Mini Plain fabric wrap	Mini Plain	Slim 35	Euroslim
	A	A	A	A	A	A
B-BOX® 2.5 **(1)**	3¹¹/₁₆"	4¹/₁₆"	4⁷/₁₆"	4⁷/₁₆"	4¼"	4¼"
B-BOX® 3 **(1)**	4⁷/₁₆"	4¹³/₁₆"	5³/₁₆"	5³/₁₆"	5¹/₁₆"	5¹/₁₆"
B-BOX® 4 **(1)**	5"	5⁷/₁₆"	5⅞"	5⅞"	5⅝"	5⅝"
B-BOX® 5 **(1)**	6⅝"	7"	7⅜"	7⅜"	7³/₁₆"	7³/₁₆"
B-BOX® DUO **(2)**	6³/₁₆"	6⅝"	6¹⁵/₁₆"	6¹⁵/₁₆"	6¹³/₁₆"	6¹³/₁₆"
WITHOUT SIDE GUIDES	✔	✔	✔	✖	✔	✔
WITH CABLE GUIDE	✔	✔	✖	✖	✔	✖
WITH R2 TELESCOPIC CHANNEL **(3)**	✖	✖	✖	✔	✖	✖

❗ **(1)** Data for ceiling reinforced bracket. / **(2)** Data for self-supporting installation. Add 3/8" for ceiling or wall bracket. / **(3)** In B-Box® Duo system, R2 Telescopic channel only available for rear shade.
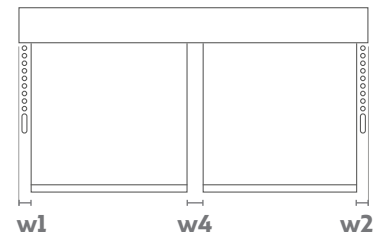
Space between bracket and fabric (GAP)
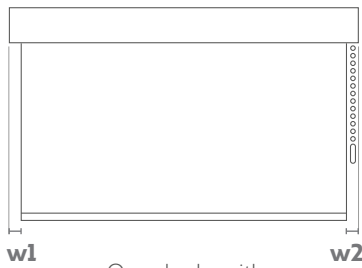
w1   w2
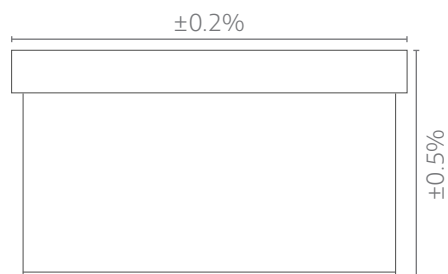
One shade with
1 operating system

w1   w3   w2

Two shades with
1 operating system

w1   w4   w2
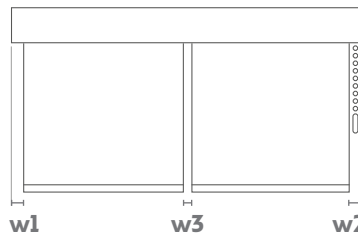
Two shades with
2 operating systems

		without side guides				with cable guides	
		w1	w2	w3	w4	w1	w2
B-BOX® 2	CHAIN	$7/8$"	$11/16$"	$1 1/8$"	$1 9/16$"	--	--
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 1/8$"	$1 9/16$"	--	--
	24Vdc MOTOR	$7/8$"	$3/4$"	$1 1/8$"	$1 9/16$"	--	--
B-BOX® 2.5	CHAIN	$7/8$"	$13/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	24Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	120Vac MOTOR	$7/8$"	$15/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	1"
B-BOX® 3	CHAIN	$7/8$"	$13/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	24Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	120Vac MOTOR	$7/8$"	$15/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	1"
B-BOX® 4	CHAIN	$7/8$"	$13/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	120Vac MOTOR	$7/8$"	$15/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	1"
B-Box® 5	CHAIN	$7/8$"	$13/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	$7/8$"	$7/8$"
	120Vac MOTOR	$7/8$"	$15/16$"	$1 3/16$"	$1 5/16$"	$7/8$"	1"
B-BOX® DUO	CHAIN	$7/8$"	$13/16$"	$1 3/16$"	$1 5/16$"	--	--
	12Vdc MOTOR	$7/8$"	$3/4$"	$1 3/16$"	$1 5/16$"	--	--
	120Vac MOTOR	$7/8$"	$15/16$"	$1 3/16$"	$1 5/16$"	--	--

Production tolerance

±0.2%

±0.5%

BANDALUX