



Range of Box Roller Shades

## O-Box

Roller shade with cassette

Smart design with durable,  
high-precision materials.

### COLORS:

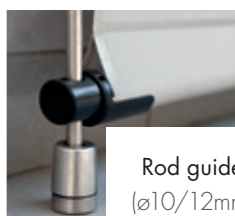
- White RAL 9016
- Black RAL 9011
- Metallic grey
- Acier Grata

Cassette sizes	95mm	130mm
Chain indoor use	✓	X
Crank requires channels outdoors	✓	✓
230 V Motor requires channels outdoors	✓	✓
Self-supporting	✓	✓
Cable guide	✓	✓
Rod guide	✓	✓
U channel	✓	✓
Wind profiles	✓	✓



## Exclusive design and durability

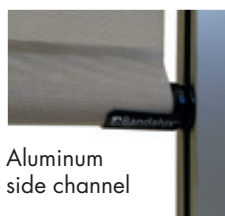
The shade with the rounded cassette, **ideal for outdoor use**.



Rod guide  
(ø10/12mm)



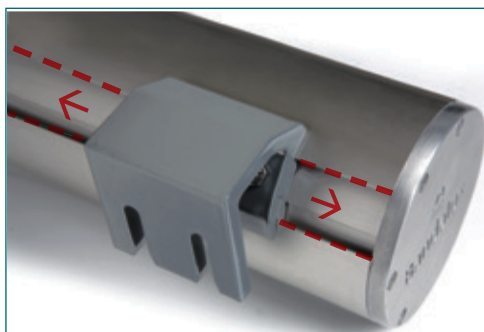
Cable guide  
(ø5mm)



Aluminum  
side channel

## Side channel options

Different solutions and **specially designed pieces** for each type of side channel.



## Smart brackets

The only box roller shade that allows you to **select the location of the bracket** at the time of installation.

WALL-MOUNT  
BRACKET



CEILING-MOUNT  
BRACKET



## Level by levels installation

Two O-Box can be installed at **different heights with only one support** with stainless steel rod.



## 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



## Child Safety

Bandalux prioritizes security and therefore supplies by default a child safety system that holds the cord or 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.



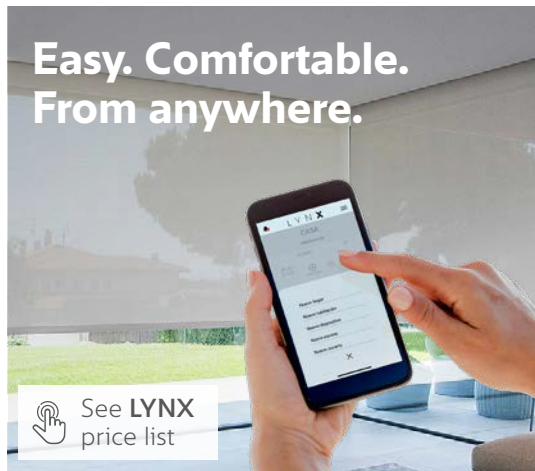
**SafeKids**, patented by Bandalux  
Highly efficient security device that ensures the attachment of the cord or the chain to the wall. The shade can only be operated if the device is installed.

# LYNX, smart blinds

Available for  
Android and iOS.  
Compatible with:



The app that allows you to control all Bandalux window coverings solutions, wherever you are.



## Contactless comfort

Manage your blinds from your Smartphone or via voice control.

## Atmospheres personalization

Program and automate as many scenes as you want and confirm the position of your blinds at any time.

## Peace of mind

Enable presence simulation scenes when you are away from home.

## Efficiency and savings

Take advantage of sunlight cycles, react to the climatic conditions and, as a consequence, save on your electricity bill.

## Connected environment

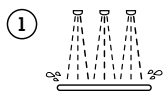
In addition to blinds, LYNX allows you to connect other elements such as music, lamps, fans...

# Air purifying shades

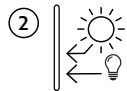
As a result of Bandalux' ongoing technological innovation and its commitment to sustainability, it has launched a new shade able to purify the air in any room.

## Application of a nanocoating on the technical fabric

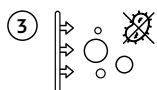
The shade is treated as follows:



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



This mixture is naturally activated by sunlight or artificial lighting.



When it is activated, any contaminant particles in the air are removed (viruses, bacteria, fungi, contamination, and volatile organic compounds).

## Great versatility

- Applicable to all Roller Shades systems, Box range, Fit Box, Skylight and Sliding Panel.
- Available in the Polyscreen® 550 and Mega BO fabrics, in a range of colors.

### POLYSCREEN® 550 AIRPURE®



Ash

Pearl

White

White Linen

White Pearl

### MEGA BO AIRPURE®



Alabaster

Black

Dark Grey

White





# O-BOX 95

## OPTIONS

### 1 STANDARD CONFIGURATION

#### CHAIN OPERATED



#### HIDDEN BOTTOM RAILS ø30



❗ Fabrics incompatible with hidden bottom bar will be served with Slim 25 bottom bar by default.

#### CHILD SAFETY (CHILD SAFETY SYSTEM)



❗ OPTIONAL: Safekids device.

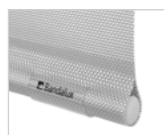
#### COLORS

	White RAL 9016		Black RAL 9011
	Gray METAL		Acier anodized

❗ By default, Bandalux will provide the profiles and components in white. If you prefer a different color, please specify it on the order form.

### 2 OTHER BOTTOM RAILS (no additional charge)

#### HIDDEN ø40



❗ Only for Polyscreen® fabrics and opaque fabrics except: Polyscreen® 314 / 473 / 473 Metal / 475 / Silken; Bimini BO; Face to Face BO.

#### IN VIEW



#### SLIM 25



#### SLIM 35



❗ Free drop only.  
Max. width  
2500mm.

❗ For further information, please check the technical data on page 9.

### 3 OPERATING SYSTEMS

#### Crank

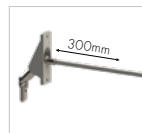


FIXED



REMOVABLE

+



WITH CRANK RETURN

#### Motor

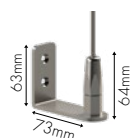
MOTOR <sup>(1)</sup>			AUTOMATISMS		
			SINGLE-CHANNEL REMOTE CONTROL	MULTI-CHANNEL REMOTE CONTROL	OTHER
Cable	230Vac	Bandalux	--	--	SOMFY SMOOVE UNO Ref. 06700610B
		Somfy®			
		VERONA 40 3/30			
		M2 50 6/17, 20/17			
		MERCURE 40 3/30			
		ARIANE 50 6/32			
		ATLAS 50 15/32			
Radio	230Vac	Somfy®	--	--	SOMFY SMOOVE UNO Ref. 06700610B
		ARIES 40 SHORT 4/16			
		MAESTRIA 50 6/17, 10/17, 15/17			
		SONESSE 40 3/30			
		SONESSE 50 6/28, 10/28, 15/17			
		Somfy® RTS			
		ALTUS 40 RTS 3/30			
Radio IO	230Vac	Somfy® RTS	SITUO 1 RTS PURE Ref. 06700970D	SITUO 5 RTS PURE Ref. 06700881D	--
		ALTUS 50 RTS 6/32, 15/17			
		Somfy® RTS			
		SONESSE 40 3/30			
		SONESSE 50 6/28, 10/28, 15/17			
		Somfy® IO			
		SUNEA SCREEN IO 40 3/30			
Battery	12Vdc	Somfy® IO	SITUO 1 IO PURE Ref. 06700620B	SITUO 5 IO PURE Ref. 06700625B	--
		SUNEA SCREEN IO 50 6/32, 15/32			
		SONESSE IO 40 3/30			
Battery	12Vdc	Bandalux <sup>(2)</sup>	1 CHANNEL TRANSMITTER Ref. 06701100B	15 CHANNEL TRANSMITTER Ref. 06701100B	CHARGER AC Ref. 06701215 CABLE USB TYPE C Ref. 06701275
		Bandalux Silent <sup>(2)</sup>			

❗ 1. For further information, consult page 7. / 2. Motor only compatible for indoor installation / For safety reasons, it is recommended to use a wind sensor with outdoor shades. For sizes larger than 9 m<sup>2</sup> it is essential to install a sensor.

### 4 SIDE CHANNEL OPTIONS

#### Guidage cable

(indoor/outdoor)



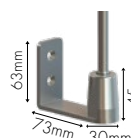
STAINLESS STEEL  
CABLE GUIDE ø5 mm

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



#### Rod guide

(indoor/outdoor)



STAINLESS STEEL  
ROD GUIDE ø10 mm

Ceiling/Floor	VTS
Ceiling/Wall	VTP
Wall/Floor	VPS
Face/Face	VPP



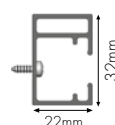
- 1. Maximum height 3000 mm.
- 2. With HIDDEN bottom rail only.

#### U channel

(indoor/outdoor)



U-302  
COMPACT LONG



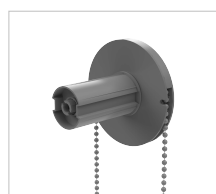
U-402  
LONG CLIP



- 1. Lateral installation only.

- 1. Frontal installation. Requires spacer support. Indoor installation only.

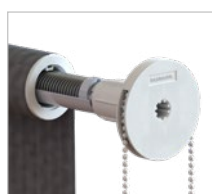
### 5 REDUCED EFFORT



#### MECHANISM I SYSTEM

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

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



#### ASSISTED SPRING

Recommended from 5 m<sup>2</sup>  
Example for a shade measuring 3600x4000 mm:

- Without spring assistance = 4,8 kg
- With spring assistance = 2,2 kg (WITH limit switch)

### 6 OTHER OPTIONS



SAFEKIDS  
(CHILD SAFETY SYSTEM)

PATENTED BY  
BANDALUX



METALLIC CHAIN



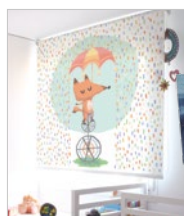
TRANSPARENT CHAIN

- 1. Chain tensioner not included.



#### WIND PROFILES

- 1. Only compatible with U-402 and U-302.
- 2. Maximum width 2500 mm.
- 3. For further information, consult page 92.



#### PERSONALIZATION

- 1. Only available for indoor installation.

### 7 COLLECTION AIRPURE®

BANDALUX



#### AIRPURE® SHADES

- Collection Polyscreen® 550 Airpure® in the following colors: Ash, Pearl, White, White Linen and White Pearl.

### 8 ADDITIONAL BRACKETS



SHORT BRACKET, WALL



LONG BRACKET, WALL



CEILING BRACKET



CHANNEL SPACER BRACKET

- 1. For more information on additional brackets, please consult page 89.

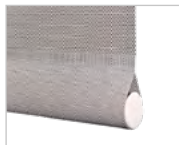
- 1. Only compatible with the U-402 channel.

# O-BOX 130

## OPTIONS

### 1 STANDARD CONFIGURATION

#### HIDDEN BOTTOM RAILS ø30



ⓘ Fabrics not compatible with HIDDEN will be supplied by default with IN VIEW Slim 35.

#### COLORS



White  
RAL 9016



Black  
RAL 9011



Gray  
METAL

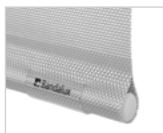


Acier  
anodized

ⓘ By default, Bandalux will provide the profiles and components in white. If you prefer a different color, please specify it on the order form.

### 2 OTHER BOTTOM RAILS (no additional charge)

#### HIDDEN



ø40

ⓘ Only for Polyscreen® fabrics and opaque fabrics except: Polyscreen® 314 / 473 / 473 Metal / 475 / Silken; Bimini BO; Face to Face BO.

#### IN VIEW



SLIM 35

ⓘ For further information, please check the technical data on page 89.

### 3 OPERATING SYSTEMS

#### Crank

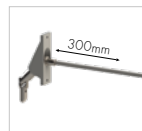


FIXED



REMOVABLE

+



WITH CRANK RETURN

#### Motor

MOTOR <sup>(1)</sup>				AUTOMATISMS <sup>(2)</sup>		
				SINGLE-CHANNEL REMOTE CONTROL	MULTI-CHANNEL REMOTE CONTROL	OTHER
Cable	230Vac	Bandalux	M2 50 6/32, 20/17	--	--	SOMFY SMOOVE UNO Ref. 06700610B
		Somfy®	ARIANE 50 6/32			
			ATLAS 50 15/32			
			MAESTRIA 50 6/17, 10/17, 15/17			
		Somfy® silent <sup>(2)</sup>	SONESSE 50 6/28, 10/28, 15/17			
Radio	230Vac	Bandalux	M2 50 6/32, 20/17	ELEGANCE 1 WHITE Ref. 06702000A	ELEGANCE 4 WHITE Ref. 06702100A	--
		Somfy® RTS	ALTUS 50 RTS 6/32, 15/17	SITUO 1 RTS PURE Ref. 06700970D	SITUO 5 RTS PURE Ref. 06700881D	--
			Somfy® RTS silent <sup>(2)</sup>			
		Radio IO	230Vac	Somfy® IO	SUNEA SCREEN 50 6/32, 15/32	SITUO 1 IO PURE Ref. 06700620B
SONESSE 40 3/30						
Battery	12Vdc	Bandalux silent <sup>(2)</sup>	RECHARGEABLE BI 50 13/11	1 CHANNEL TRANSMITTER Ref. 06701100B	15 CHANNEL TRANSMITTER Ref. 06701110B	CHARGER AC Ref. 06701215
						CABLE USB TYPE C Ref. 06701275

ⓘ 1. For further information, consult page 7. / 2. Motor only compatible for indoor installation. / For safety reasons, it is recommended to use a wind sensor with outdoor shades. For sizes larger than 9 m² it is essential to install a sensor.

### 4 SIDE CHANNEL OPTIONS

#### Guidage cable

(indoor/outdoor)



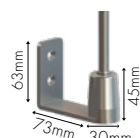
STAINLESS STEEL  
CABLE GUIDE  $\varnothing 5$  mm



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

#### Rod guide

(indoor/outdoor)



STAINLESS STEEL  
ROD GUIDE  $\varnothing 10$  mm



Ceiling/Floor	VTS
Ceiling/Wall	VTP
Wall/Floor	VPS
Face/Face	VPP

- 1. Maximum height 3000 mm.
- 2. With HIDDEN bar only.



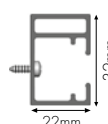
STAINLESS STEEL  
FASTENING AND  
ROD GUIDE  $\varnothing 12$  mm



Ceiling/Floor	RTS
Ceiling/Wall	RTP
Wall/Floor	RPS
Face/Face	RPP

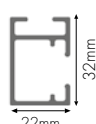
- 1. Minimum purchase 1 m.
- 2. With  $\varnothing 40$  HIDDEN bar only.

#### U channel (indoor/outdoor)



U-302  
COMPACT LONG

- 1. Lateral installation only.



U-402  
LONG CLIP

- 1. Frontal installation. Requires spacer support. Indoor installation only.



#### Special configuration:

There is also an available fastening option of an adjustable  $\varnothing 12$  mm rod with cable guide or without channels.

### 6 OTHER OPTIONS

#### WIND PROFILES



- 1. Only compatible with U-402 and U-302.
- 2. Maximum width 2500 mm.

#### SAFEKIDS (CHILD SAFETY SYSTEM)



#### PERSONALIZATION



- 1. Only available for indoor installation.

### 7 ADDITIONAL BRACKETS



SHORT BRACKET,  
WALL



LONG  
BRACKET, WALL



CEILING  
BRACKET



CHANNEL  
SPACER  
BRACKET

- 1. For further information, consult page 8.

- 1. Only compatible with the U-402 channel.



# Box range shade

## TECHNICAL DATA

### 1 OPERATING SYSTEMS AND MINIMUM SHADE WIDTH

Manceuvre	Type motor	Volt (V)	Ø mm	Nm	tr/min	Puissance (W)	Ampères (A)	Largeur min. Store (mm)
CHAIN								400
CRANK								400
MOTOR BANDALUX CABLE	VERONA 40 3/30	230	40	3	30	90	0,39	580
	M2 50 6/32	230	50	6	32	120	0,52	640
	M2 50 20/17	230	50	20	17	160	0,70	640
MOTOR BANDALUX RADIO	R2 40 3/30	230	40	3	30	90	0,39	620
	R2 50 6/32	230	50	6	32	120	0,52	670
	R2 50 20/17	230	50	20	17	160	0,70	770
MOTOR BANDALUX BATTERY SILENT <sup>(2)</sup>	RECARGABLE BI 35 6/24	12	35	6	24	38	3,23	830
	RECARGABLE BI 50 13/11	12	50	13	11	40	3,50	970
MOTOR SOMFY® CABLE	MERCURE 40 3/30	230	40	3	30	80	0,35	560
	ARIES 40 SHORT 4/16	230	40	4	16	65	0,28	510
	ARIANE 50 6/32	230	50	6	32	120	0,52	620
	ATLAS 50 15/32	230	50	15	32	240	1,04	700
	MAESTRIA 50 6/17	230	50	6	17	90	0,45	720
	MAESTRIA 50 10/17	230	50	10	17	120	0,50	770
	MAESTRIA 50 15/17	230	50	15	17	140	0,65	770
MOTOR SOMFY® CABLE SILENT <sup>(2)</sup>	SONESSE 40 3/30	230	40	3	30	95	0,41	560
	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
MOTOR SOMFY® RTS	ALTUS 40 3/30	230	40	3	30	80	0,35	610
	ALTUS 50 6/32	230	50	6	32	90	0,39	720
	ALTUS 50 15/17	230	50	15	17	140	0,61	750
MOTOR SOMFY® RTS SILENT <sup>(2)</sup>	SONESSE 30 LI-ION ULTRA 2/28	12	30	2	28	18	1,5	770
	SONESSE 40 3/30	230	40	3	30	95	0,41	640
	SONESSE 50 6/28	230	50	6	28	146	0,63	800
	SONESSE 50 10/28	230	50	10	28	180	0,78	800
	SONESSE 50 15/17	230	50	15	17	153	0,67	850
MOTOR SOMFY® IO	SUNEA SCREEN 40 3/30	230	40	3	30	90	0,39	660
	SUNEA SCREEN 50 6/32	230	50	6	32	120	0,52	750
	SUNEA SCREEN 50 15/32	230	50	15	32	240	1,04	770

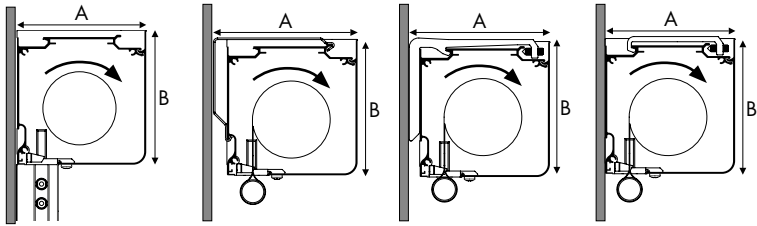
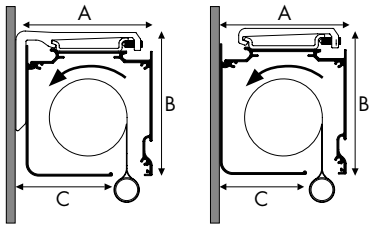
① 1. For widths between 200 mm and 400 mm, the maximum height is 1 500 mm, without side channels. For heights exceeding this measurement, channels are required. / 2. Motor only compatible for indoor installation. / 3. Motor only compatible for outdoor installation. / This information is approximate and may vary depending on the fabric.

# Box range shade

## TECHNICAL DATA

### 2 CASSETTE SIZES (mm)

#### B-BOX

INDOOR POSITION									INSTALLATION IN OPPOSITE DIRECTION					
														
SELF-SUPPORTING		INDOOR WALL/ CEILING BRACKET		REINFORCED WALL BRACKET		REINFORCED CEILING BRACKET		REINFORCED WALL BRACKET			REINFORCED CEILING BRACKET			
A	B	A	B	A	B	A	B	A	B	C**	A	B	C**	
Q-55	58	59	64	60	--	--	--	--	--	--	--	--	--	
B-65	67	69	78	73	76	73	67	73	76	79	41	67	78	32
B-85	86	90	97	92	95	92	86	92	95	100	58	86	99	49
B-100	100	104	111	107	109	107	100	107	109	115	73	100	114	65
B-136	136	136	--	--	147	147	136	147	--	--	--	--	--	--
B-DUO	136	136	--	--	147	147	136	147	--	--	--	--	--	--

\*Installation in opposite direction: Not available with chain-operated system. Box CANNOT be opened.

\*\*Worst case (Hidden bottom rail ø30).

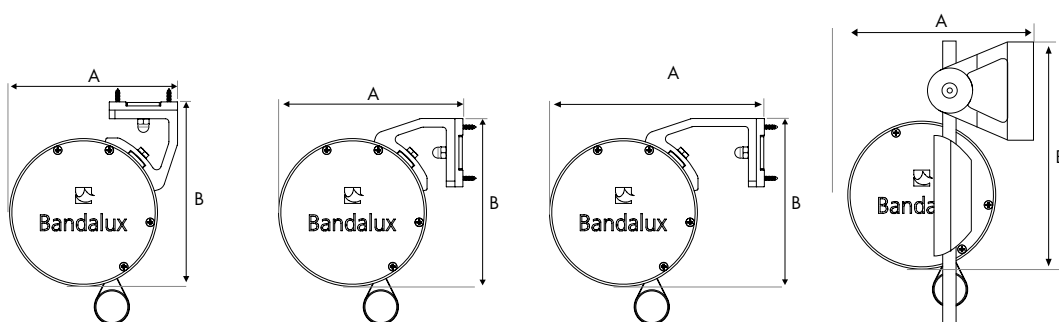
#### O-BOX

CEILING BRACKET

SHORT WALL BRACKET

LONG WALL BRACKET

FASTENING SYSTEM FOR  
ADJUSTABLE ROD



	A	B	A	B	A	B	A	B
O-BOX 95	112	127	127	110	164	110	--	--
O-BOX 130	148	162	162	147	189	147	163	199

### 3 NUMBER OF BRACKETS, ACCORDING TO SHADE WIDTH

Shade width Q-BOX	Shade width B-BOX	N° of brackets
$W \leq 1470$ mm	$W \leq 1500$ mm	2
$1470 \text{ mm} < W \leq 1950$ mm	$1500 \text{ mm} < W \leq 2500$ mm	3
$1950 \text{ mm} < W \leq 2200$ mm	$2500 \text{ mm} < W \leq 3500$ mm	4
--	$3500 \text{ mm} < W \leq 4500$ mm	5
--	$4500 \text{ mm} < W$	6

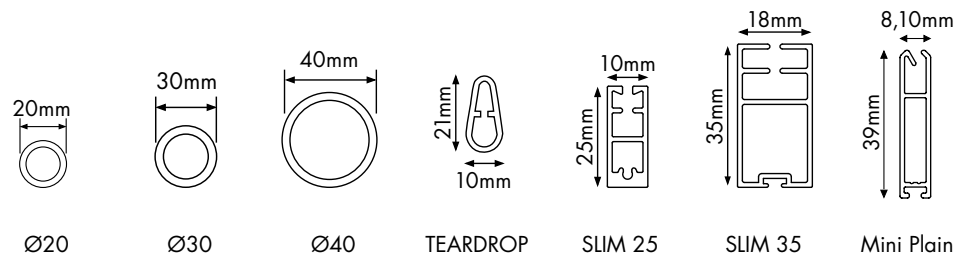
\* O-BOX only requires 2 brackets per shade.

# Box range shade

## TECHNICAL DATA



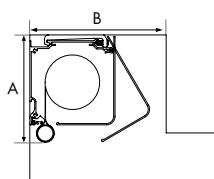
### 4 BOTTOM RAILS



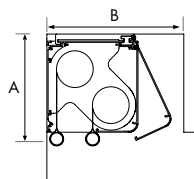
	Ø20	Ø30	Ø40	TEARDROP	SLIM 25	SLIM 35	Mini Plain
<b>B-BOX</b>							
WITHOUT SIDE CHANNEL	✓	✓	✗	✓	✓	✓	✗
CABLE GUIDE	✓	✓	✗	✓	✓	✓	✗
'U' CHANNEL ALUM.	✓	✓	✗	✗	✗	✓	✗
BLACKOUT CHANNEL	✗	✗	✗	✗	✗	✗	✓
<b>O-BOX</b>							
WITHOUT SIDE CHANNEL	✗	✓	✓	✗	✗	✓	✗
CABLE GUIDE	✗	✓	✓	✗	✗	✓	✗
ROD GUIDE 10 mm	✗	✓	✓	✗	✗	✗	✗
ROD GUIDE 12 mm	✗	✗	✓	✗	✗	✗	✗
'U' CHANNEL ALUM.	✗	✓	✓	✗	✗	✓	✗
<b>LIMIT</b>	--	--	--	2500 mm	2500 mm	--	--

### 5 INSTALLATION ON CURTAIN ROD AND STACKING HEIGHT (mm)

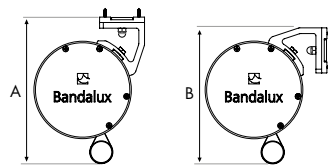
B-BOX



B-BOX DUO



O-BOX



mm	Ø20		Ø30		Ø40		TEARDROP		SLIM 25		SLIM 35		MINI PLAIN		Channel fastening Adjustable rod Ø12mm
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
<b>Q-BOX 55</b>	80	100	--	--	--	--	81	100	85	100	96	100	98	80	--
<b>B-BOX 65*</b>	93	120	103	120	--	--	94	120	98	120	109	120	110	110	--
<b>B-BOX 85*</b>	112	140	122	140	--	--	--	--	117	140	128	140	130	130	--
<b>B-BOX 100*</b>	127	160	137	160	--	--	--	--	--	--	143	160	145	150	--
<b>B-BOX 136*</b> <b>B-BOX DUO</b>	167	205	177	205	--	--	--	--	--	--	183	205	177	195	--
<b>O-BOX 95*</b>	--	--	163	149	173	159	--	--	--	--	173	159	--	--	--
<b>O-BOX 130*</b>	--	--	196	181	206	191	--	--	--	--	206	191	--	--	243

① Information for reinforced ceiling bracket.

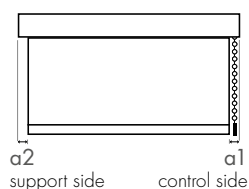
# Box range shade

## TECHNICAL DATA



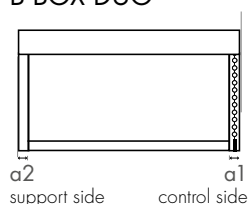
### 6 WIDTH OF SPACE BETWEEN THE BRACKET AND THE FABRIC (GAP)

#### B-BOX



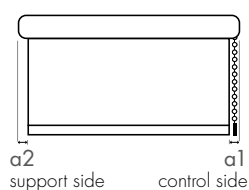
		WITHOUT SIDE CHANNEL	CABLE GUIDE	ALUMINUM CHANNEL U-SMALL	ALUMINUM CHANNEL U-LONG
CHAIN	a1	19mm <sup>(1)</sup>	20mm	24mm <sup>(6)</sup>	29mm <sup>(6)</sup>
	a2	19mm <sup>(2)</sup>	20mm <sup>(5)</sup>	24mm <sup>(6)</sup>	29mm <sup>(6)</sup>
CRANK	a1	31mm <sup>(3)</sup>	31mm <sup>(3)</sup>	31mm <sup>(3)</sup>	31mm
	a2	19mm	20mm <sup>(4/5)</sup>	24mm <sup>(4/5)</sup>	29mm <sup>(6)</sup>
MOTOR Ø25	a1	19mm	--	--	--
	a2	19mm <sup>(2)</sup>	--	--	--
MOTOR Ø40	a1	21mm	21mm	24mm <sup>(6)</sup>	29mm <sup>(6)</sup>
	a2	19mm	20mm <sup>(5)</sup>	24mm <sup>(6)</sup>	29mm <sup>(6)</sup>
MOTOR Ø50	a1	24mm	24mm	24mm	29mm <sup>(6)</sup>
	a2	19mm	20mm <sup>(5)</sup>	24mm <sup>(6)</sup>	29mm <sup>(6)</sup>

#### B-BOX DUO



		WITHOUT SIDE CHANNEL	BLACKOUT CHANNEL
CHAIN	a1	22mm	23mm <sup>(6)</sup>
	a2	19mm	23mm <sup>(6)</sup>
MOTOR Ø50	a1	24mm	24mm <sup>(6)</sup>
	a2	19mm	23mm <sup>(6)</sup>

#### O-BOX



		WITHOUT SIDE CHANNEL	CABLE GUIDE	GUIDAGE ALUMINIUM U-LONG	ROD GUIDE	ROD FASTENER	ROD-GUIDE FASTENER
CHAIN	a1	31mm	38mm	39mm	38mm	--	--
	a2	24mm	38mm	39mm	38mm	--	--
CRANK	a1	32mm	38mm	39mm	38mm	67mm	75mm
	a2	24mm	38mm	39mm	38mm	59mm	75mm
MOTOR Ø40	a1	36mm	38mm	39mm	38mm	71mm	75mm
	a2	24mm	38mm	39mm	38mm	59mm	75mm
MOTOR Ø50	a1	42mm	42mm	42mm	42mm	75mm	75mm
	a2	24mm	38mm	39mm	38mm	59mm	75mm

1. Q-BOX 55 = 18 mm / 2. Q-BOX 55 = 14 mm / 3. B-BOX 65 25mm gap on the crank control side / 4. B-BOX 65 GAP 25mm gap on the chain control side / 5. B-BOX 136 = 19 mm / 6. Information for Slim 35 bottom rail. For the hidden bottom rail, subtract 3mm.

# Box range shade

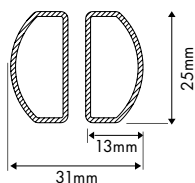
## TECHNICAL DATA



### 7 WIND PROFILES AND SPACER BRACKETS

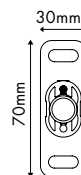
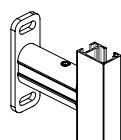
#### WIND PROFILE SIZES

The wind profile option includes 2 profiles for shade heights under 2m, and 4 profiles for shade heights of 2m and higher. Half of the profiles will be installed on each side of the shade.



- ❶ 1. Only compatible with U-402 and U-302.
- ❷ 2. Maximum width 2500 mm.
- ❸ 3. Not compatible with chain-operated system.

#### SPACER BRACKET



Height of shade H	N. of brackets per channel
$H \leq 1500$ mm	2
$1500 \text{ mm} < H \leq 2500$ mm	3
$2500 \text{ mm} < H \leq 3000$ mm	4
$3000 \text{ mm} < H \leq 4000$ mm	5

### 8 OPERATING SYSTEMS

#### CHAIN

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

The **Child Safety piece** must be positioned at a minimum height of 1.5m from the ground. To calculate the height of the controls, please see page 109.

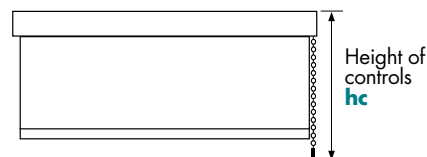
##### CHAIN-OPERATED SYSTEM WITHOUT CHILD SAFETY

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

FOR Q-BOX 55, B-BOX 65, B-BOX 85, B-BOX 100, B-BOX DUO and O-BOX 95

Minimum calculation for hc:  $H \times 0,70$  FOR B-BOX 136

Minimum calculation for hc:  $H \times 0,90$

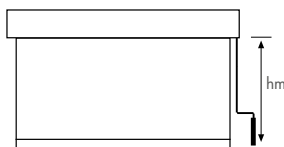


Example of calculation		
Height of shade H	Height of controls hc (minimum)	
	Q-55, B-65, B-85, B-100, B-DUO O-95	B-136
1000 mm	700 mm	900 mm
2000 mm	1400 mm	1800 mm
4000 mm	2800 mm	3600 mm

- ❶ 1. The height of the controls will always be measured from the uppermost section of the shade (upper end of the support), to the lower part of the chain tensioner.
- ❷ 2. By default, Bandalux will provide the B-Box Duo with a metallic chain. If you prefer the plastic chain, please indicate so on the order form.

#### CRANK

##### HEIGHT OF CONTROLS



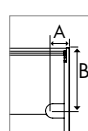
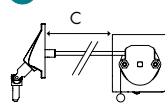
- ❶ In the single crank control, the height of the control is interpreted with the crank in the operative position. To find out the measurement with the crank extended, add 140 mm.

##### Recommended crank heights hc

1000 mm	2200 mm
1200 mm	2400 mm
1400 mm	2600 mm
1600 mm	2800 mm
1800 mm	3000 mm
2000 mm	

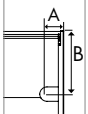
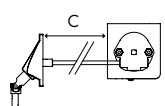
##### VARIATIONS OF CRANK RETURN

###### I.1 90 ° UPPER



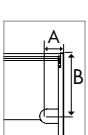
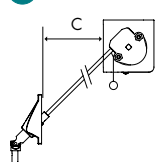
mm	Q-55	B-65	B-85	B-100	B-136	O-95	O-130
A	X	13	16	16	16	18,5	18,5
B	X	22	30	37	51	30	48
Cmax	X	265	260	250	230	196	178

###### I.2 90 ° LOWER



mm	Q-55	B-65	B-85	B-100	B-136	O-95	O-130
A	12	13	16	16	16	18,5	18,5
B	44	49	64	71	85	65	82
Cmax	270	265	260	250	230	196	178

###### I.3 45°



mm	Q-55	B-65	B-85	B-100	B-136	O-95	O-130
A	X	X	16	16	16	18,5	18,5
B	X	X	64	76	111	67	97
Cmax	X	X	180	170	150	115	100





### 9 DOUBLE DROP B-BOX

#### B-BOX

##### DOUBLE DROP WITH ONE OPERATING SYSTEM (a single tube)

This may include a midway support that will allow for widths that exceed the maximum of a given shade, with a limit of 6 m.



ⓘ For the chain-operated system, the maximum width for the double drop system cannot exceed the maximum width of a single shade. / Not available for Solar Motor Kit

##### DOUBLE DROP WITH Two operating systems SYSTEMS (double support)

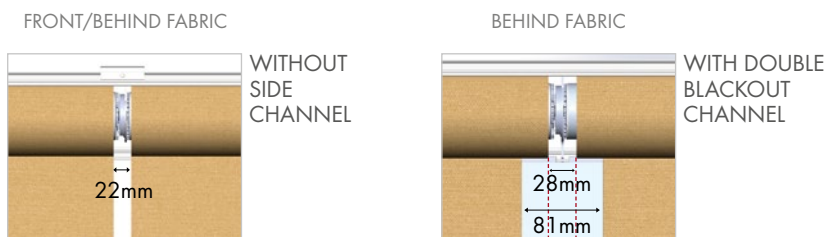


ⓘ Not available for Solar Motor Kit

#### B-BOX DUO

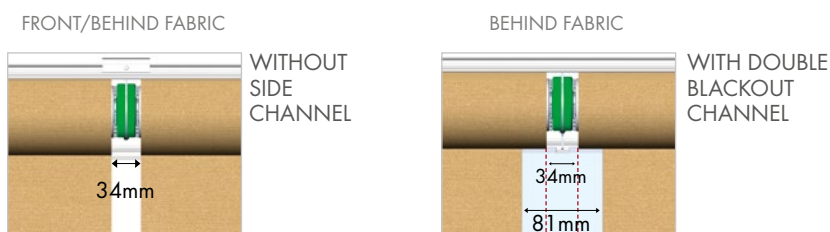
##### DOUBLE DROP WITH ONE OPERATING MECHANISM (a single tube)

This may include a midway support that will allow for widths that exceed the maximum of a given shade, with a limit of 6 m.



- ⓘ 1. For chain operation, the maximum width of the blind with DOUBLE DROP shall be equal to the maximum width of a blind with single drop.
- 2. The front blind shall have a minimum separation of 22 mm.

##### DOUBLE DROP WITH 2 OPERATION MECHANISMS (double support)



ⓘ The front shade should have a minimum separation of 34 mm.

[contract.bandalux.com](https://contract.bandalux.com)

[bandalux.com](https://bandalux.com)