LEGEND

4 Years	4-year warranty	NA	Non-Anodized
RoHS	Restriction of Hazardous Substance	SA	Silver Anodized
Recessed icon	Recessed	BK	Black Anodized
Bendable icon	Bendable	WT	White
Closet	Closet-Rated	Focusing Lens icon	Focusing Lens with 100% light transmission
22	IP22	PRO CL	Universal Clear Pro with 91% light transmission
SW	Static White	PRO FR	Universal Frosted Pro with 80% light transmission
HD	High Density	UNV CL	Universal Clear with 85% light transmission
FS	Full Spectrum	UNV FR	Universal Frosted with 70% light transmission
SE	Side Emitting	EX CL	Extreme Clear with 89% light transmission
US	Ultra Slim	EX FR	Extreme Frosted with 70% light transmission
DW	Dim to Warm	IG GRND	In-Ground Frosted with 58% light transmission
TW	Tunable White	US FR	Ultra Slim Frosted with 70% light transmission

*Most Xicato Channels are IP65 ready with proper sealant applied around the end caps to completely seal the XFL inside the channel.

Xicato designs and delivers one of the broadest portfolio spot and linear light sources and electronics that enable architects, designers and building managers to create beautiful, smart spaces in which people love to live and work. With thousands of installations around the globe, Xicato continues to be a leading supplier of high quality lighting solutions. Xicato is defining the future of intelligent light sources by integrating electronics, software and connectivity. Founded in 2007, Xicato has offices in China, Europe and the U.S., with it's headquarters based in Silicon Valley.

4 Years

RoHS ✔

See legend on first page

Product Description

- Designed to reach an IP67 waterproof rating
- Clean design of the lighting fixture
- Easy snap-in assembly and disassembly
- Small size with concealed mounting bracket

Finish

Silver anodized **SA**

XCC-L Lenses*

TL BK	PRO CL	PRO FR	UNV CL	UNV FR	EX CL	EX FR
33%	91%	80%	85%	70%	89%	70%

XCC-L-TL-BK
XCC-L-PRO-CL
XCC-L-PRO-FR
XCC-L-UNV-CL
XCC-L-UNV-FR
XCC-L-EX-CL
XCC-L-EX-FR

XCC-E End Caps*

XCC-E-MSQ-NA-NC-STD

XCC-M Mountings*

XCC-M-TYPA-NA-H

Internal Channel Dimensions

Height: 4mm
Width for LED: 11.2mm

Compatible XFL Products

22 → **SW** **HD** **FS** **US** **DW** **TW**

Product Image

Technical Drawing

0.34" / 8.7mm
0.44" / 11.2mm
0.16" / 4mm
0.51" / 13mm
0.63" / 16mm
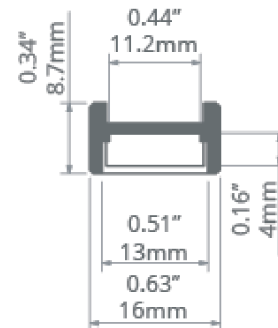
As Installed
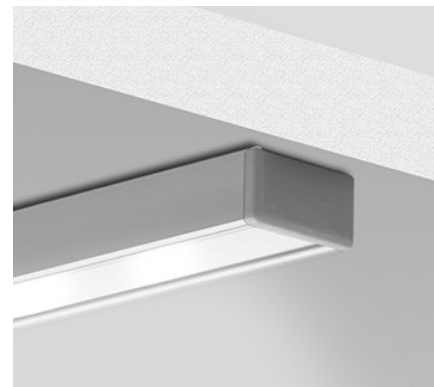
SKU Information

Product	Collection	Name Code	Surface Code	Length
XCC	C	MSQ	SA	1
				2

*For more detailed information please see Compatible Accessories guide

Technical Specification

Application:
• This extrusion is intended for the construction of small-size, linear lighting fixtures, mounted to surfaces using a mounting bracket, which is concealed after the fixture has been mounted

Mounting:
• Snapped onto a mounting bracket.
• The mounting bracket is then attached with a screw suitable for the surface

Additional information:
• Space for LED strip: 0.44" / 11.2 mm
• Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof

Note:

Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

Compatible Lenses

XCC-L-TL-BK
Black Transition Lens

TL BK

33%

[0.157in]
4mm

[0.512in]
13mm
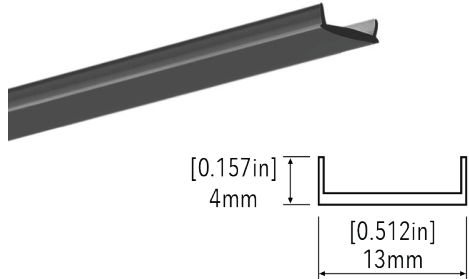
Description

Matte black surface that turns white when the light is turned on with 33% light transmission. The cover is made of UV-resistant PC measuring 13mm wide and 4mm in height. When the LEDs are off, the cover is black. The best visual effect is obtained in profiles that are black inside.

SKU				
Product	**Collection**	**Name Code**	**Surface Code**	**Length**
XCC	L	TL	BK	
				1
				2

XCC-L-PRO-CL
Universal Clear - Pro

PRO CL

91%

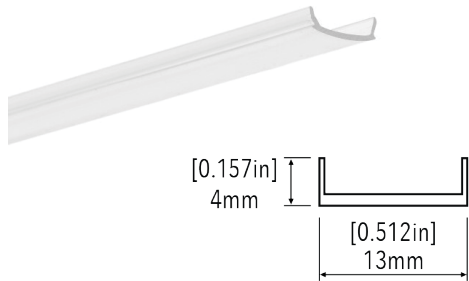[0.157in]
4mm

[0.512in]
13mm

Description

Easy snap-in lens allows for simplified field installation measuring 13mm wide and 4mm in height with increased UV resistance. Transmits 91% light.

SKU				
Product	**Collection**	**Name Code**	**Surface Code**	**Length**
XCC	L	PRO	CL	
				1
				2

XCC-L-PRO-FR
Universal Frosted - Pro

PRO FR

80%

[0.157in]
4mm

[0.512in]
13mm

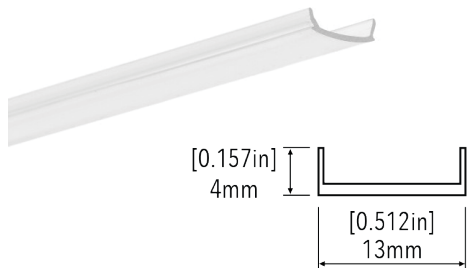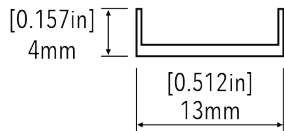**Description**

Easy snap-in lens allows for simplified field installation measuring 13mm wide and 4mm in height. Increased UV resistance with 80% light transmission in the frosted version.

SKU				
Product	**Collection**	**Name Code**	**Surface Code**	**Length**
XCC	L	PRO	FR	
				1
				2

Compatible Lenses (Continued)

XCC-L-UNV-CL
Universal Clear

| UNV |
| CL |

85%

Description

Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 85% light.

[0.157in]
4mm

[0.512in]
13mm

SKU				
Product	Collection	Name Code	Surface Code	Length
XCC	L	UNV	CL	
				1
				2

XCC-L-UNV-FR
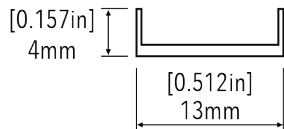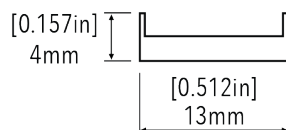Universal Frosted

| UNV |
| FR |

70%

Description

Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 70% light.

[0.157in]
4mm

[0.512in]
13mm

SKU				
Product	Collection	Name Code	Surface Code	Length
XCC	L	UNV	FR	
				1
				2

XCC-L-EX-CL
Extreme Clear

| EX |
| CL |

89%

Description

13mm wide and 4mm in height, these rigid covers are durable under extreme climate condition. Double-sided UV protection withstanding temperatures of up to 248°F with 89% light transmission.

[0.157in]
4mm

[0.512in]
13mm

SKU				
Product	Collection	Name Code	Surface Code	Length
XCC	L	EX	CL	
				1
				2
				3

Compatible Lenses (Continued)

XCC-L-EX-FR
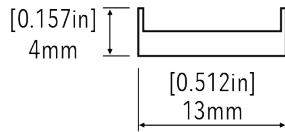Extreme Frosted

EX
FR

70%

Description

13mm wide and 4mm in height, these rigid covers are durable under extreme climate condition. Double-sided UV protection withstanding temperatures of up to 248°F with 70% light transmission in the frosted version.

[0.157in]
4mm

[0.512in]
13mm

SKU				
Product	Collection	Name Code	Surface Code	Length
XCC	L	EX	FR	
				1
				2
				3

Compatible End Caps

XCC-E-MSQ-NA-NC-STD

Description

Basic PP end cap in gray. High resistance to damage. Will not corrode. Simple assembly. Aesthetically finishes the extrusion.

SKU			
Product Number	Material	Color	UV Resistant
XCC-E-MSQ-NA-NC-STD	PP	GREY	NO

## Compatible Mountings

XCC-M-TYPA-NA-H

Description

A small plastic component used for mounting corresponding extrusions to a surface. It has a screwhole and four arms that clamp in the guide on the back of the extrusion. The clip screwed to the surface enables mounting of dedicated extrusions (without visible mounting parts) in a visually appealing way.

SKU		
Product Number	Material	Color
XCC-M-TYPA-NA-H	ABS	GRAY

Mounting Instructions
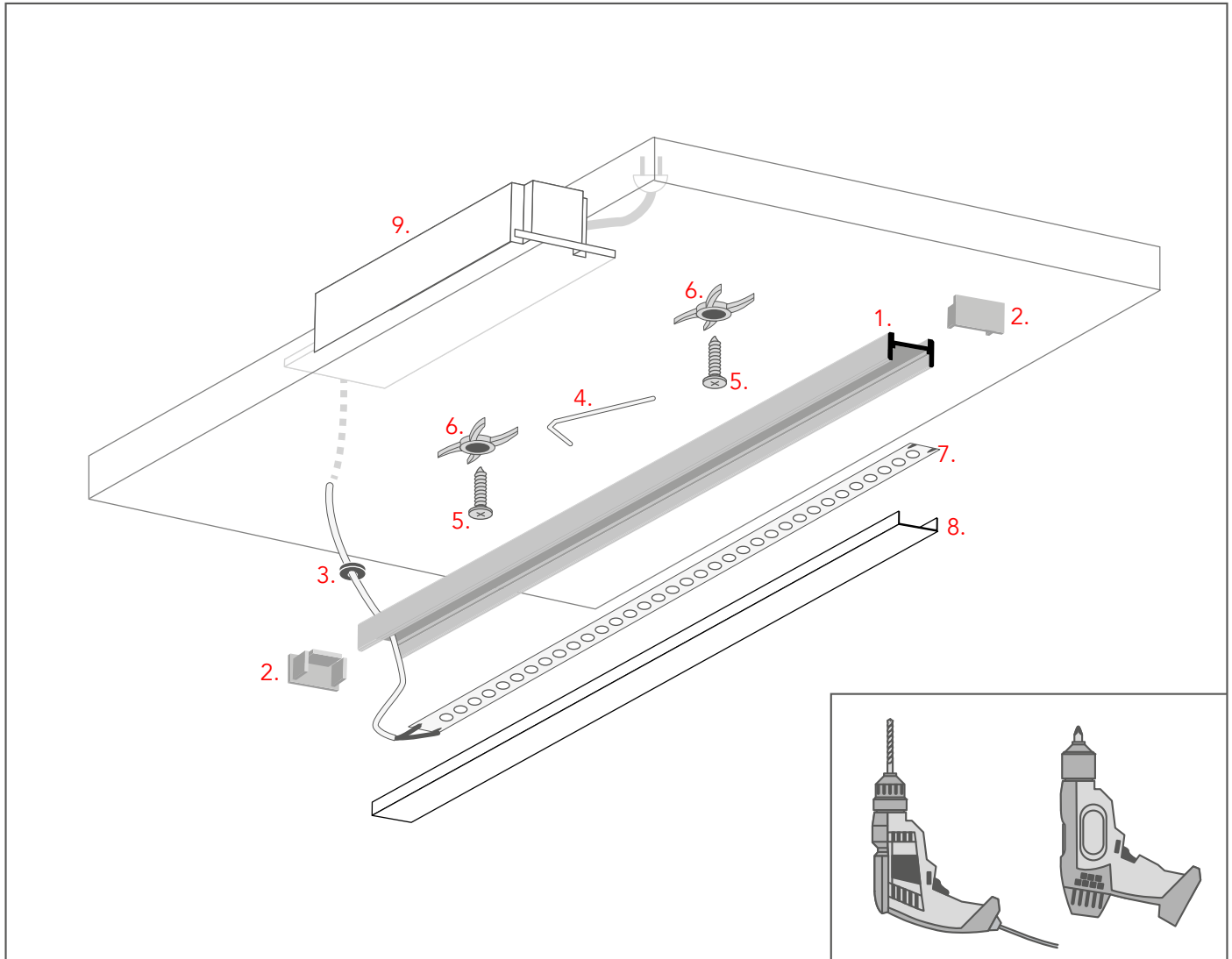
1. XCC-C-MSQ: Standard Micro Square
2. End cap *
3. Gland *
4. Block *
5. Screw
6. Mounting bracket *
7. LED strip *
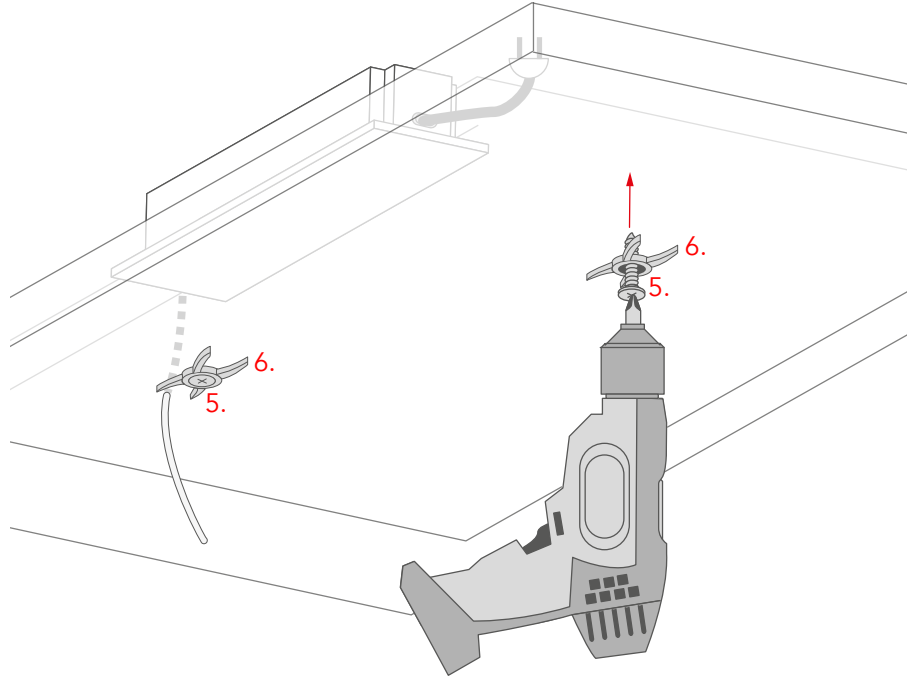8. Cover *
9. Power supply 24V *

NOTE:

- All LED tapes must be connected to a 24 V power supply.
- Not all possible mounting procedures are presented here.
- Drawings of extrusions and accessories in these instructions are simplified and only approximate the actual shapes.
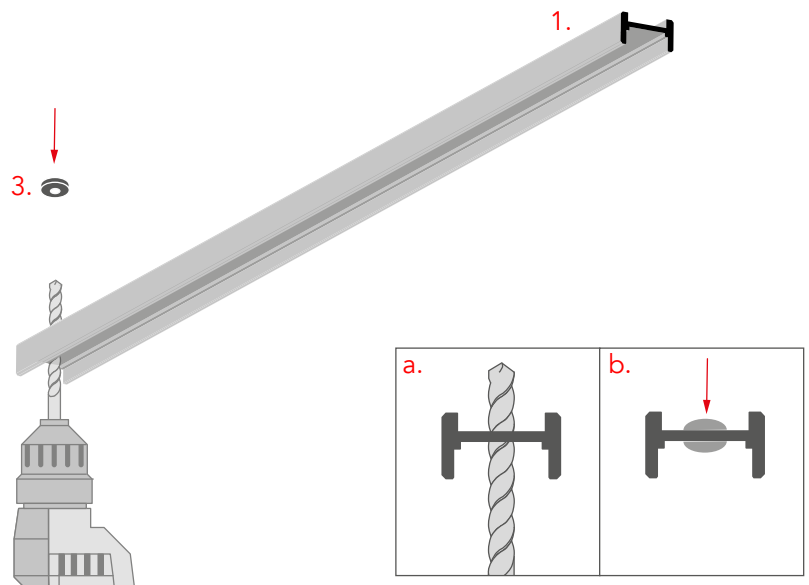
Mounting Instructions (Continued)

1

- Screw the mounting brackets (6) to the surface, using appropriate screws (5)

- It is recommended to use the following amounts of brackets:

  2 pcs for 1m of the profile
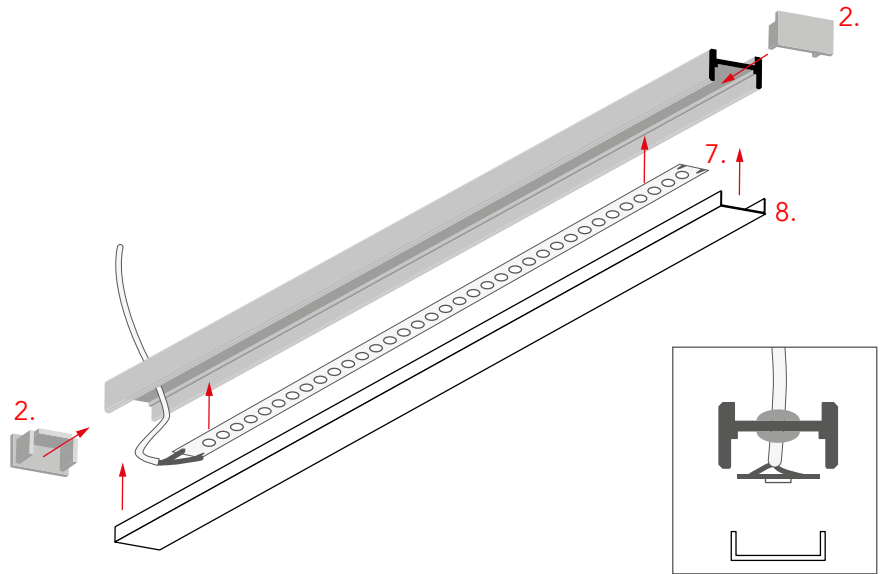 4 pcs for 2m of the profile
  5 pcs for 3m of the profile

2

- Drill a hole in the profile (1) with a diameter adapted to the gland (3) used

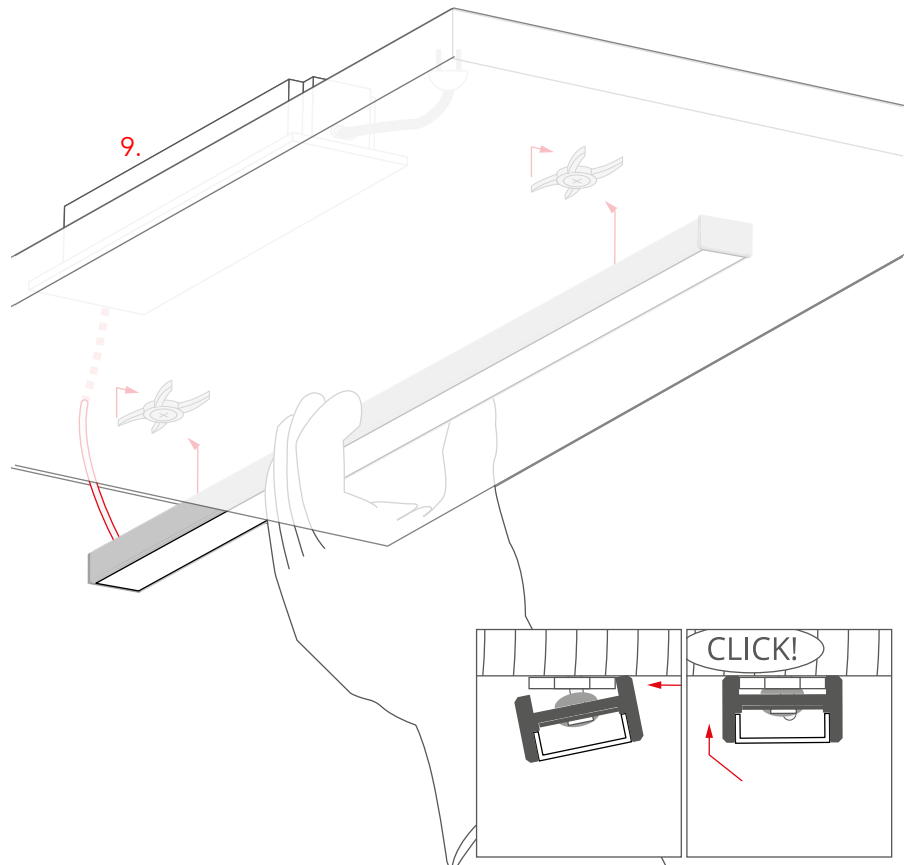- Insert the gland in the hole

Mounting Instructions (Continued)

3

- Adhere the LED strip (7), lead the wire through the gland

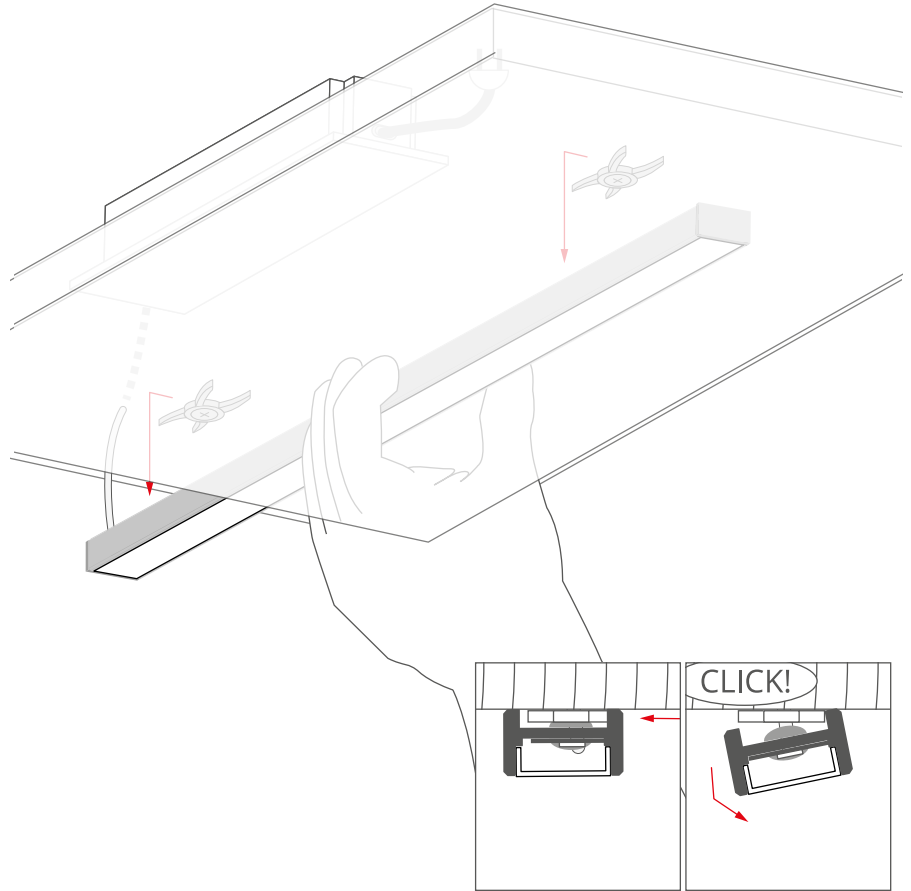- Mount the end caps (2) and the cover (8)

4

Connect the cable to the power supply (9) and mount the profile on the mounting brackets as shown on the drawing

CLICK!

Disassembly Instructions

1

In order to disassemble the profile, move it perpendicularly to its axis and gently bend it away from the surface as shown on the drawing.
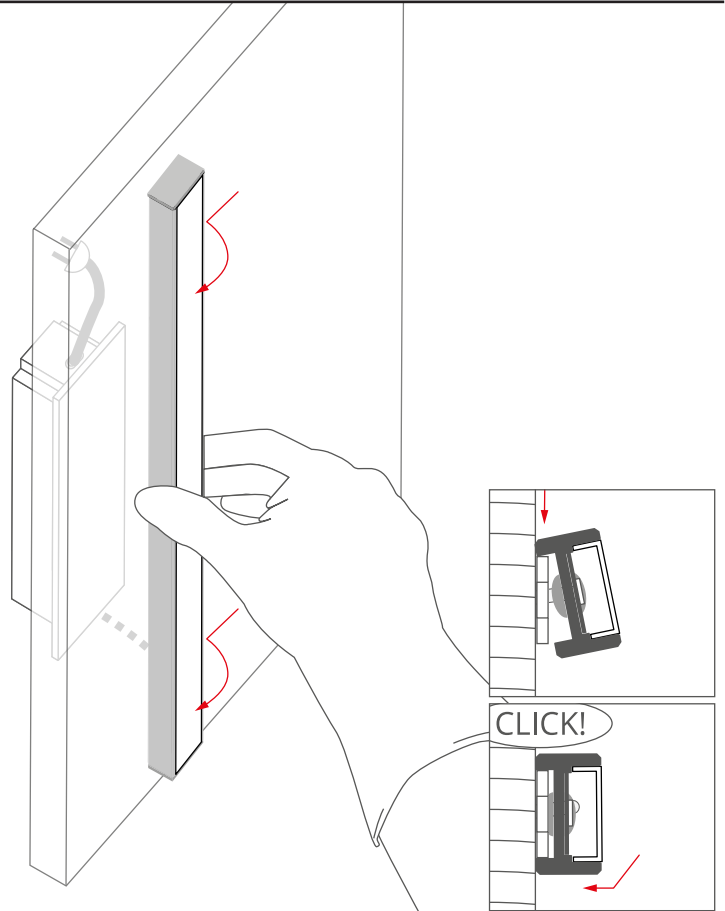

CLICK!

Vertical Mounting Instructions

1

- Before the final installation place the assembled fixture next to the mounting brackets, so it is at its desired level

- Place the block (4) right over the mounting bracket. This will prevent the fixture from sliding down

4.
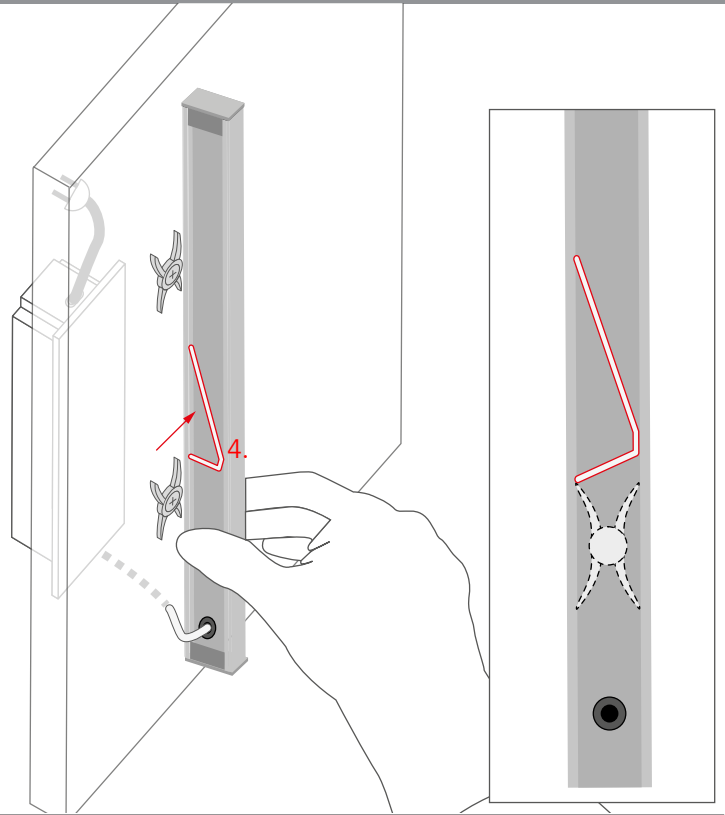
2

- Finally, mount the profile to the surface

CLICK!

Xicato Global Headquarters

102 Cooper Court,
Los Gatos, CA 95032

Contact Us

Tel: +1 866 223 8395
info@xicato.com
www.xicato.com

XICATO®

For the most up-to-date data sheet, please visit xicato.com/support.