LEGEND

4 Years	4-year warranty	**NA**	Non-Anodized
RoHS ✔	Restriction of Hazardous Substance	**SA**	Silver Anodized
⊓	Recessed	**BK**	Black Anodized
∿	Bendable	**WT**	White
Closet	Closet-Rated	▲	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.

xicato.com

Xicato®

| 4 Years | RoHS | Closet |

See legend on first page

Product Description

• Allows aesthetic assembly with concealed mounting brackets
• Minimum dimensions to obtain a line of light
• Designed to reach an IP67 waterproof rating

Finish

Silver anodized   SA

XCC-L Lenses*

TL BK	UNV CL	UNV FR	EX CL	EX FR
33%	85%	70%	89%	70%

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

XCC-E End Caps*

XCC-E-S16-NA-NC-STD

XCC-M Mountings*

XCC-M-NS-NA-H

Internal Channel Dimensions

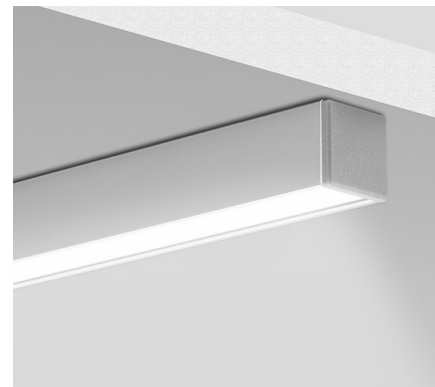Height: 11.3mm
Width for LED: 14mm

Compatible XFL Products

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

Product Image

Technical Drawing

[0.551in] 14mm
[0.630in] 16mm
[0.445in] 11.30mm
[0.512in] 13mm
[0.630in] 16mm

As Installed

*For more detailed information please see Compatible Accessories guide
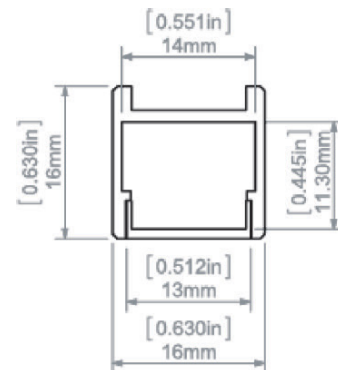
SKU Information

Product	Collection	Name Code	Surface Code	Length
XCC	C	CS16	SA	1
				2
				3

Technical Specification

Application:
• Designed for the construction of lighting fixtures mounted to horizontal surfaces
• Mainly under cabinets,shelves (kitchens, libraries, furniture)
• Clean shape, not distorted by technical detail, such as an external mounting bracket

Mounting:
• With plastic mounting brackets attached to mounting surface with bolts
• Push the profile into the already mounted mounting brackets until you hear a click.

Additional information:
• Can be equipped with transparent and frosted covers, aluminum-colored and metalized
  plastic end caps
• Space for LED strip: 0.55" / 14 mm
• Its distinctive feature is hooks in the outer part of the profile bottom, which together with
  dedicated mounting brackets are used for mounting the profile.
• After mounting, the brackets are concealed due to the shape of the profile cross-section
• Possibility of making a linear fixture with IP67 protection, which means the fixture is
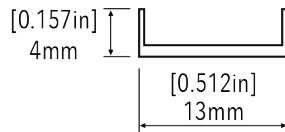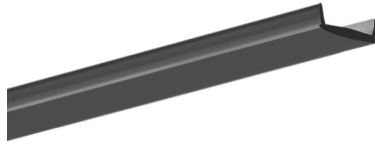 dustproof and waterproof.

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%

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.

[0.157in] 4mm

[0.512in] 13mm

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

XCC-L-UNV-CL
Universal Clear
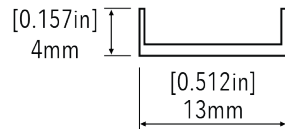
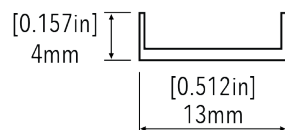**UNV CL**

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

Compatible Lenses (Continued)

XCC-L-EX-CL
Extreme Clear

EX CL

89%
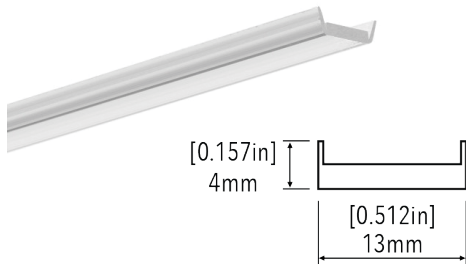
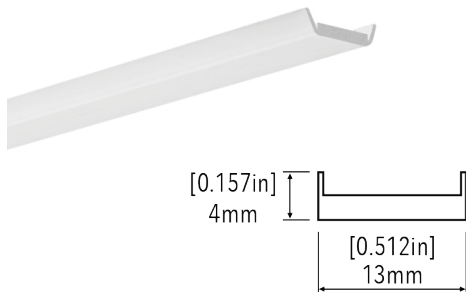**Description**

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

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-S16-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-S16-NA-NC-STD	PP	GREY	NO

Compatible Mountings

XCC-M-NS-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-NS-NA-H	ABS	GRAY

Mounting Instructions
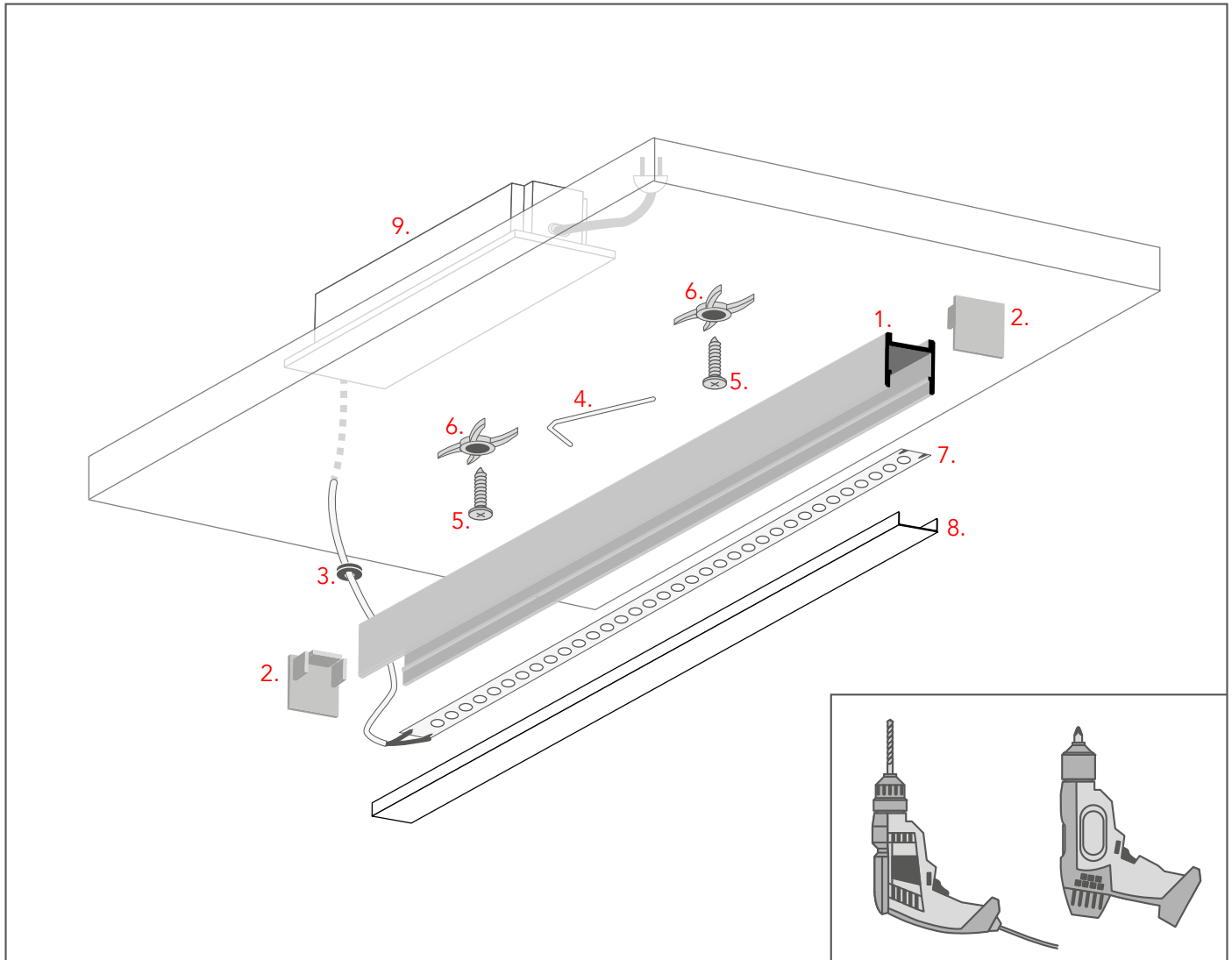
1. XCC-C-CS16: Designer Square Conceal 16
2. End cap *
3. Gland *
4. Block *
5. Screw
6. Mounting bracket *
7. LED strip *
8. Cover *
9. Power supply 24V *

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.
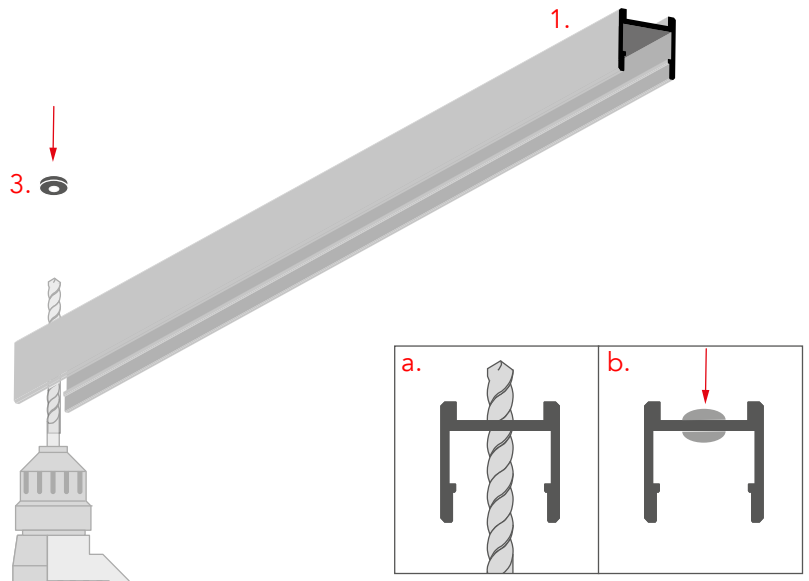
Mounting Instructions (Continued)

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
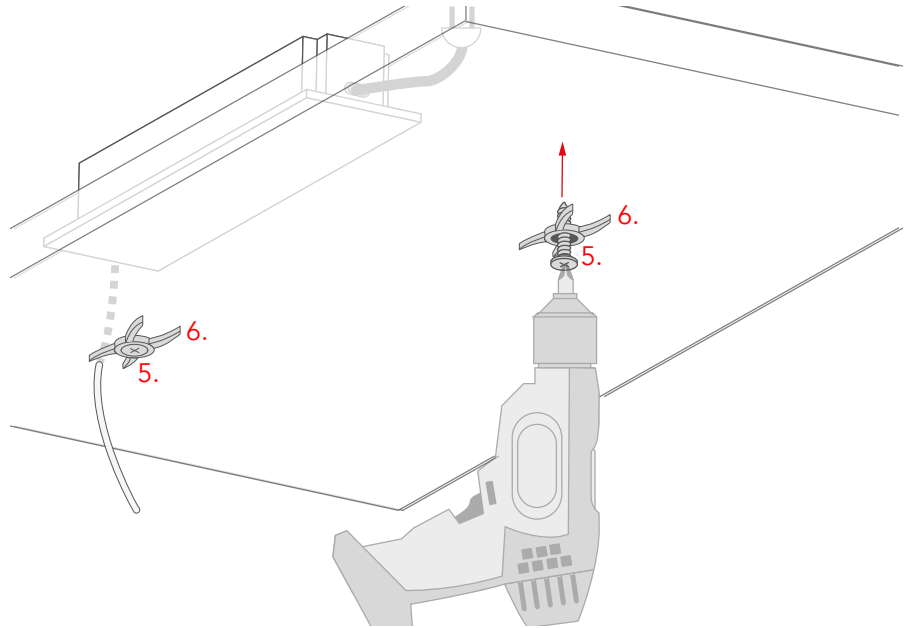
2

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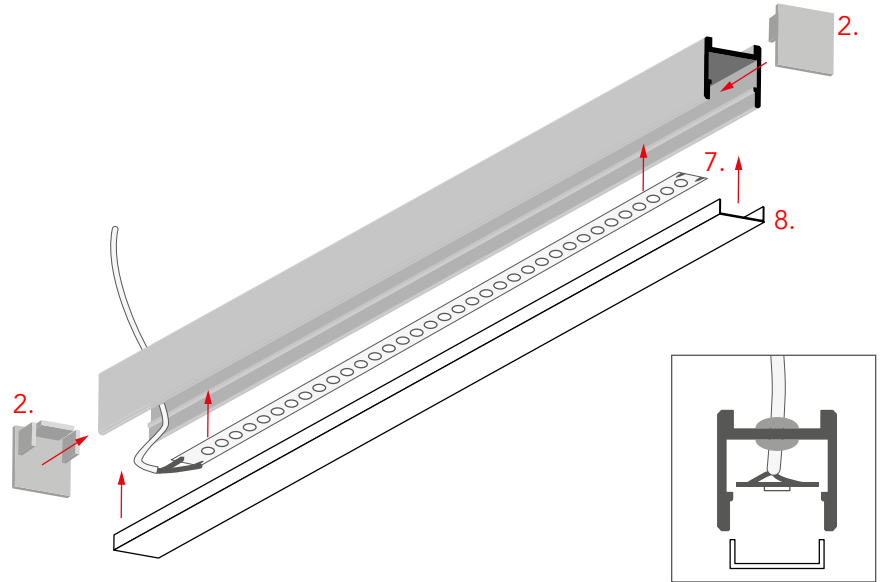
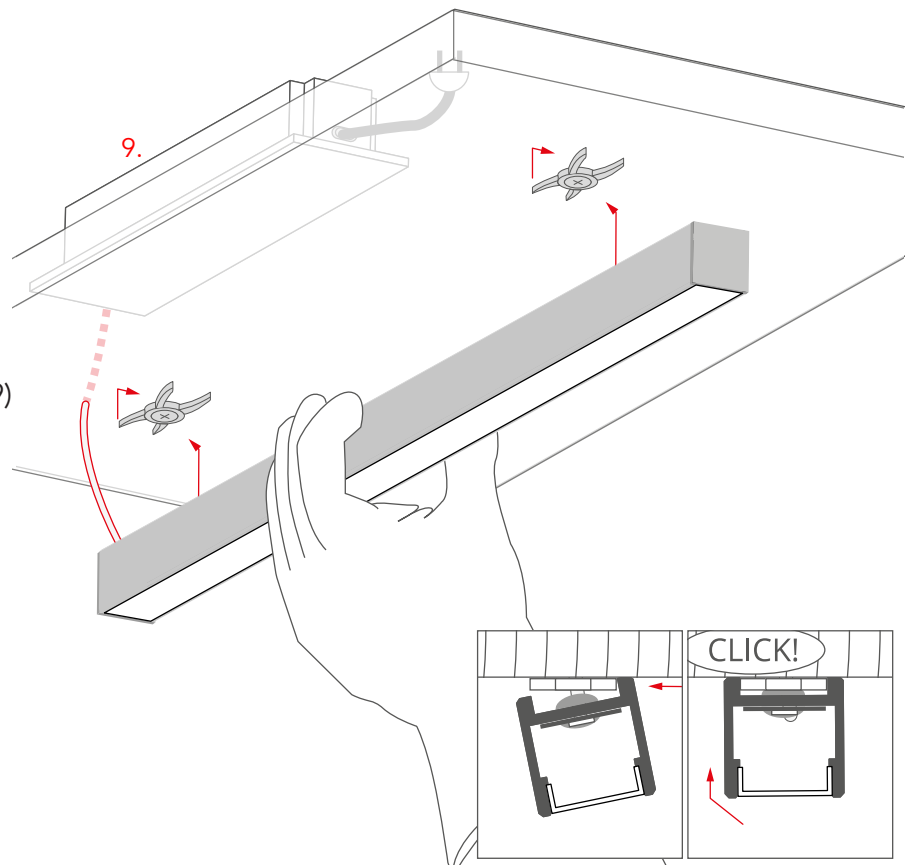- Insert the gland in the hole

Mounting Instructions (Continued)

3

- Adhere the LED strip (7), lead the wire through the gland.
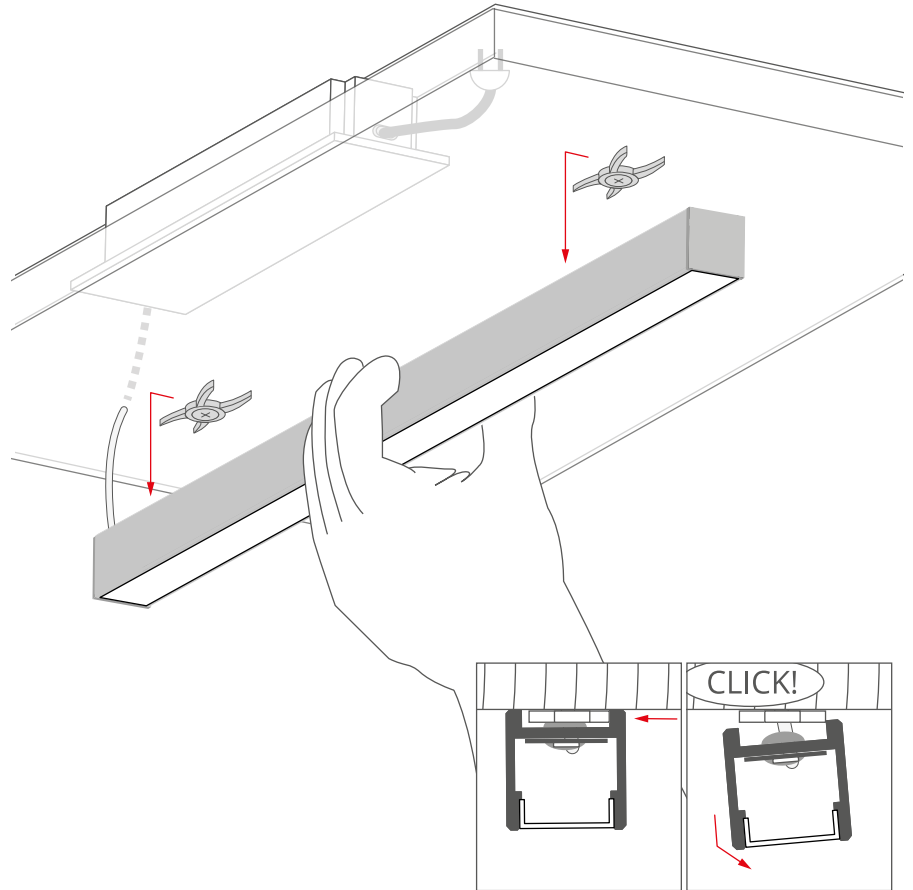
- Mount the end caps (2) and the cover (8).

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.
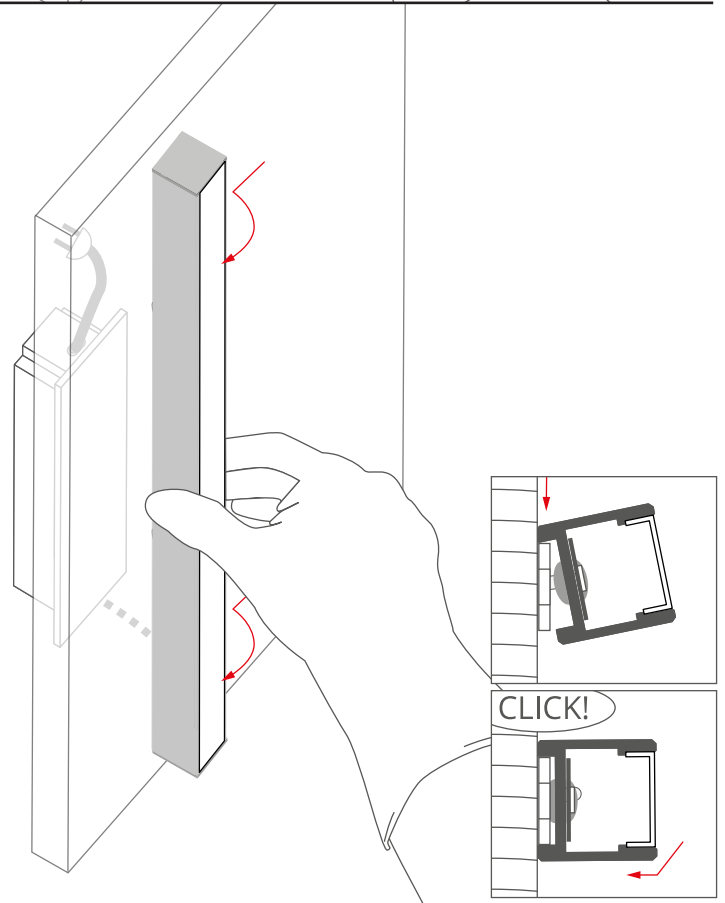
Vertical Mounting Instructions

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
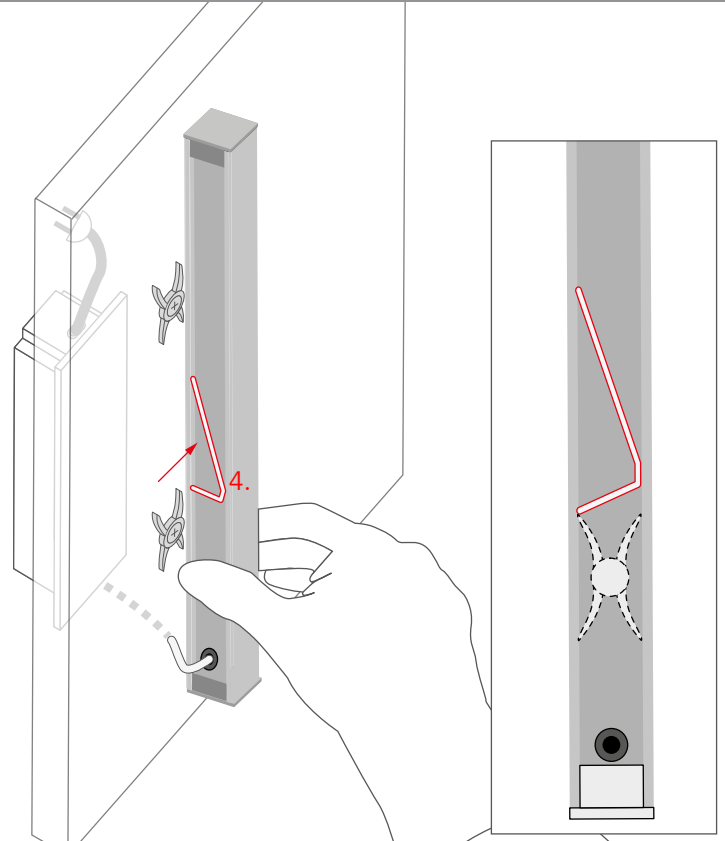
2

- Finally, mount the profile to the surface

CLICK!

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