



























LEGEND

	4-year warranty		Non-Anodized
	Restriction of Hazardous Substance		Silver Anodized
	Recessed		Black Anodized
	Bendable		White
	Closet-Rated		Focusing Lens with 100% light transmission
	IP22		Universal Clear Pro with 91% light transmission
	Static White		Universal Frosted Pro with 80% light transmission
	High Density		Universal Clear with 85% light transmission
	Full Spectrum		Universal Frosted with 70% light transmission
	Side Emitting		Extreme Clear with 89% light transmission
	Ultra Slim		Extreme Frosted with 70% light transmission
	Dim to Warm		In-Ground Frosted with 58% light transmission
	Tunable White		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.



See legend on first page

Product Description

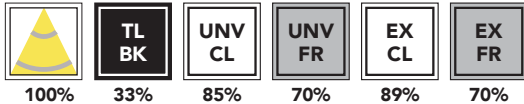
- A movable insert for LEDs enabling five different lighting angles
- Adjustment enables 10, 30, 45, 60 and 90 degree beam angles
- Designed to reach an IP67 waterproof rating

Finish

Silver anodized

SA

XCC-L Lenses*



- XCC-L-SPF-CL
- 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-SPF-NA-NC-STD
- XCC-E-SPF-NA-NC-HOLE
- XCC-E-S12-NA-EC-STD

XCC-M Mountings*

- XCC-M-TYPA-BK-H
- XCC-M-TYPA-NA-H
- XCC-M-TYPA-WT-H
- XCC-M-SLM-NA-H
- XCC-M-SLM-NA-V
- XCC-M-ADJ-NA-A

Internal Channel Dimensions

Height: 2.1mm
Width for LED: 11.2mm

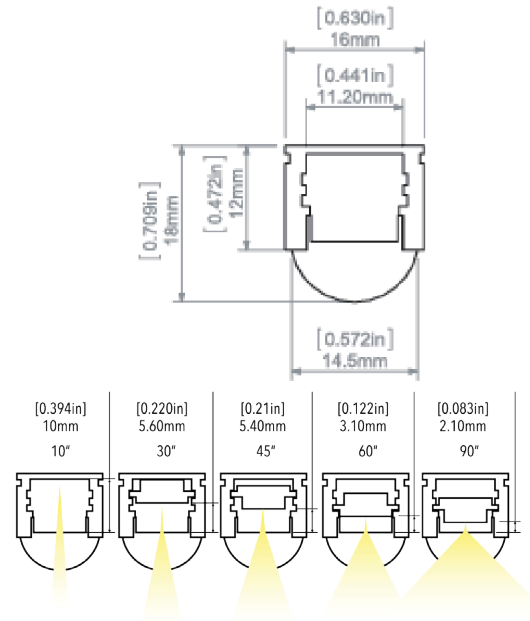
Compatible XFL Products



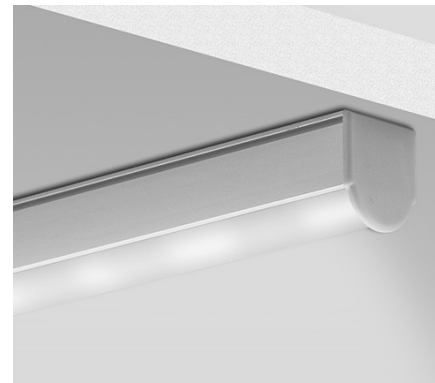
Product Image



Technical Drawing



As Installed



SKU Information

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

Technical Specification

Application:

- Extrusion for construction of surface mounted fixtures with a focused beam of light

Mounting:

- With screws appropriately selected for the surface
- With mounting brackets
- With suspension accessories
- With mounting adhesives

Additional information:

- The insert setting adjustment enables 10, 30, 45, 60 and 90 degree beam angles
- Eliminates obstacles related to LED light strip mounting
- Extrusion acts as the connector between the light source and the application area and provides a stylish and finished look
- Lighting or illumination of certain areas (stream of light may vary depending on the power of applied LEDs)
- Extrusion can be made waterproof (IP67) and be used as an outdoor lighting for elevations or architectural elements of gardens
- Space for LED strip: 0.44" / 11.2 mm

Extrusion Bending

Minimum Internal Radius	Minimum External Radius
150mm / 5.9"	250mm / 9.8"

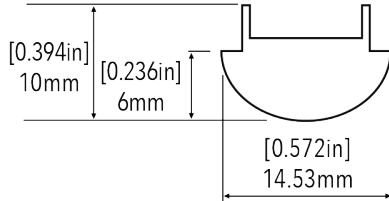
- Minimum radius – bending radius which when exceeded causes destruction (deformation, bending or lack of compatibility with other accessories, e.g. covers, end caps, etc.) of the profile
- Internal radius – refers to the extrusion bent so that the cover is facing the inside of the arch
- External radius - refers to the extrusion bent so that the cover is facing the outside of the arch
- Irregular curves are possible after consultation and individual quotation
- When bending anodized extrusions, one should be aware of cracking of the anode coating (which may be more or less visible depending on the radius)
- Possibility of making a linear fixture with IP65 protection, which means the fixture is dust proof and waterproof
- Achieving IP67 is possible with the appropriate covers

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-SPF-CL Focusing Lens

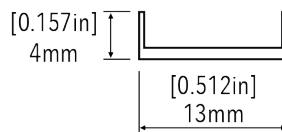
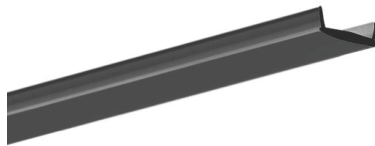


Description

Semi-transparent satin lens offers homogeneous line of light for focused lighting applications. Benefits include high transparency, quality and uniform cross-section. 14.53mm wide by 6mm in height. Transmits 100% light.

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

XCC-L-TL-BK Black Transition Lens

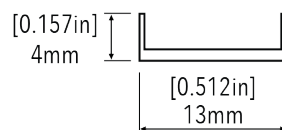


Description

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-UNV-CL Universal Clear



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.

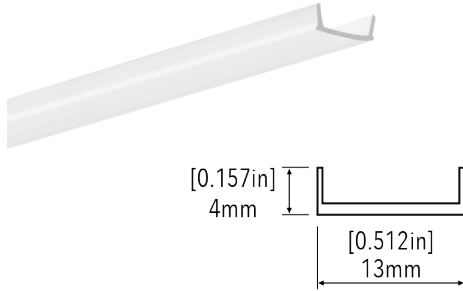
SKU				
Product	Collection	Name Code	Surface Code	Length
XCC	L	UNV	CL	1
				2

Compatible Lenses (Continued)

XCC-L-UNV-FR Universal Frosted



70%



Description

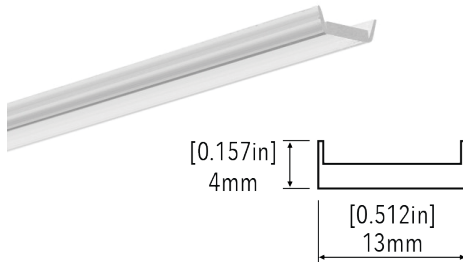
Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 70% light.

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

XCC-L-EX-CL Extreme Clear



89%



Description

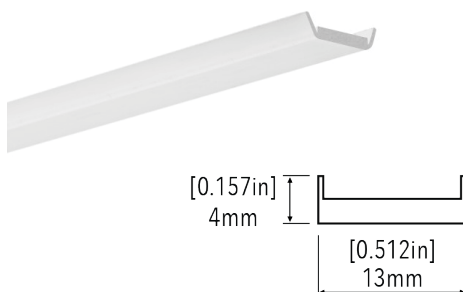
13mm wide and 4mm in height, these rigid covers are durable under extreme climate condition. Double-sided UV protection withstanding temperatures of up to 248°F with 89% light transmission.

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

XCC-L-EX-FR Extreme Frosted



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.

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

Compatible End Caps

XCC-E-SPF-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-SPF-NA-NC-STD	PP	GREY	NO

XCC-E-SPF-NA-NC-HOLE



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-SPF-NA-NC-HOLE	PP	GREY	NO

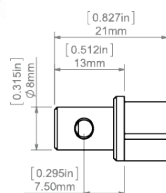
XCC-E-S12-NA-EC-STD



Description

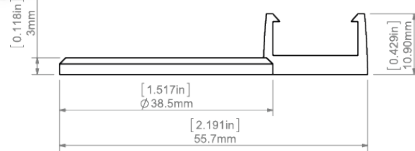
Electricity conductive end caps enable regulation of light beam towards the mounting elements (such as: hanging wires).

SKU			
Product Number	Material	Color	UV Resistant
XCC-E-S12-NA-EC-STD	ABS, METAL	GRAY	NO



Compatible Mountings

XCC-M-SLM-NA-H

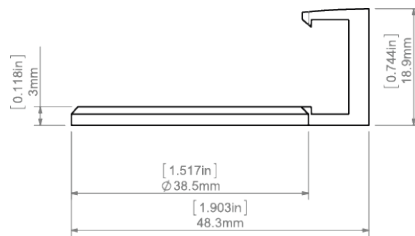


Description

The mounting bracket is designed for embedding an extrusion in finished architectural niches. The extrusion is snapped into the mounting bracket in a plane parallel to the surface. The mounting bracket has a round base that can be adhered with glue or a suitable screw.

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

XCC-M-SLM-NA-V

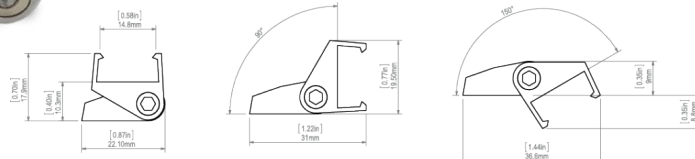


Description

The mounting bracket is designed for embedding an extrusion in finished architectural niches. The extrusion is snapped into the mounting bracket, in a plane perpendicular to the surface. The mounting bracket has a round base that can be mounted to the surface using screws or glue that matches the mounting surface.

SKU		
Product Number	Material	Color
XCC-M-SLM-NA-V	ABS	GRAY

XCC-M-ADJ-NA-A



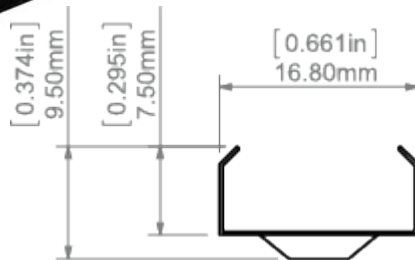
Description

A mounting bracket used for mounting extrusions to the surface which also enables light angle adjustment of the lighting fixture. It has a screw hole in the base, concealed under a removable cover. The extrusion is snapped into a movable holder.

SKU		
Product Number	Material	Color
XCC-M-ADJ-NA-A	ABS	GRAY

Compatible Mountings (Continued)

XCC-M-TYPA-BK-H

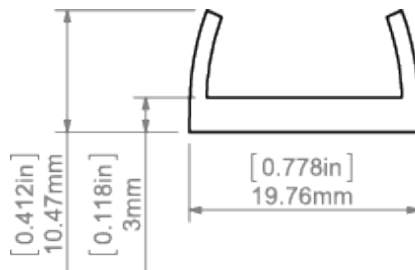


Description

A component for easy mounting of a lightweight lighting fixture to the surface. It is made of stainless steel and has a screw hole as well as flexible "wings" acting as a holder for the fixture.

SKU		
Product Number	Material	Color
XCC-M-TYPA-BK-H	STAINLESS STEEL	BLACK

XCC-M-TYPA-NA-H

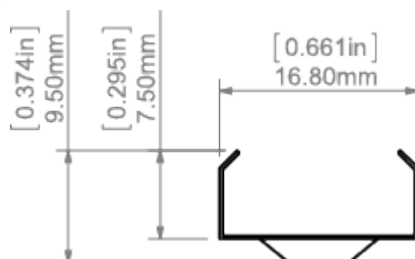


Description

A component for easy mounting of a lightweight lighting fixture to the surface. It is made of plastic and has a screw hole as well as flexible "wings" acting as a holder for the fixture. It is compatible with most standard extrusions.

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

XCC-M-TYPA-WT-H

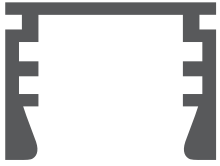


Description

A component for easy mounting of a lightweight lighting fixture to the surface. It is made of stainless steel and has a screw hole as well as flexible "wings" acting as a holder for the fixture.

SKU		
Product Number	Material	Color
XCC-M-TYPA-WT-H	STAINLESS STEEL	WHITE

Required Parts



Extrusion (A)



LED insert (B)



End caps (C)



Cover (D)



LED strip (E)

Required Tools

- Double sided tape

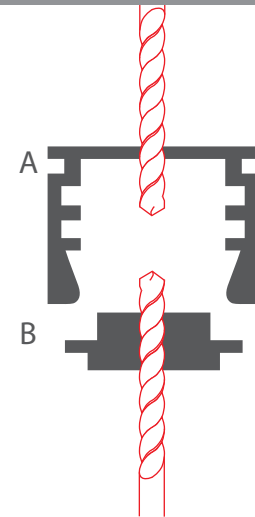
Important

- All LED strips should be connected to a 24 V power supply
- The mounting instructions present the basic form of assembly. More methods and related accessories can be found at www.Xicato.com

Mounting Instructions

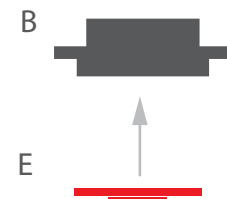
1

Drill holes in the extrusion (A) and the LED. Insert (B) to run the power cables



2

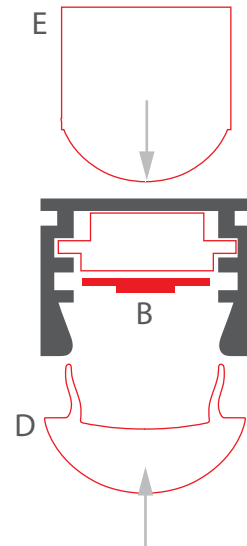
Put the LED strip (E) on the insert (B)



Mounting Instructions (Continued)

3

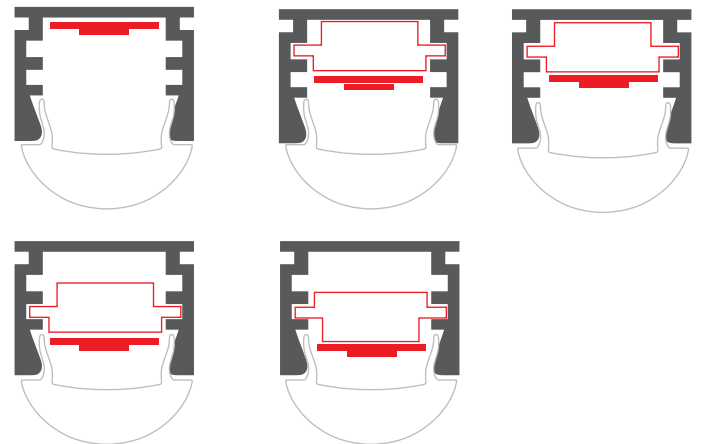
Slide the LED insert (B) into a selected channel, insert the cover (D) and end caps (E).



4

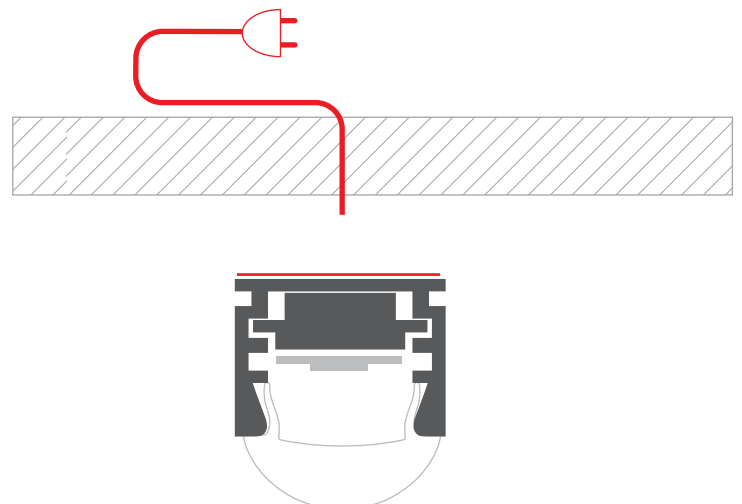
NOTE! The LED insert can be mounted in five different positions.

- It is also possible to attach the LED strip directly to the bottom of the extrusion.
- The smaller the distance between the LED strip and the cover, the wider the light angle.



5

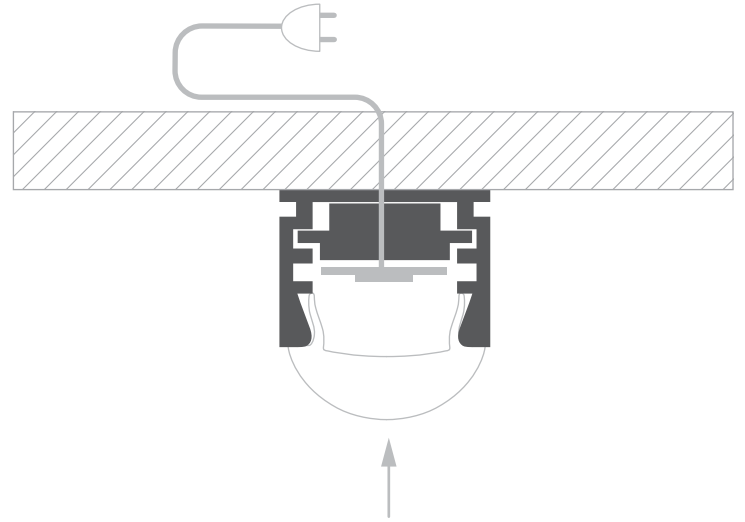
Apply double-sided tape to the back of the extrusion (A), and lead out the power cable.



Mounting Instructions (Continued)

6

Attach the extrusion (A) to the surface.





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