



























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

- Directs light at a 45° angle, primarily for inside cabinets, shelving and more
- Smooth sides create an uniform 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-S45-NA-NC-STD

XCC-M Mountings*

XCC-M-DFH-NA-H1

Internal Channel Dimensions

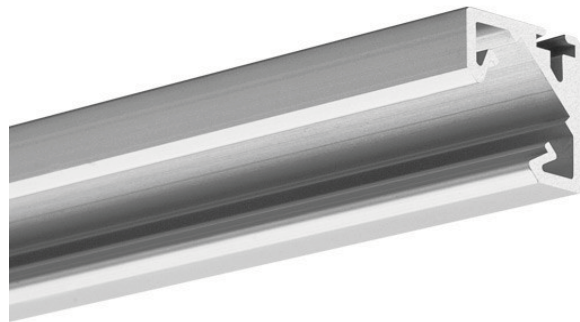
Height: 10.8mm

Width for LED: 9.16mm

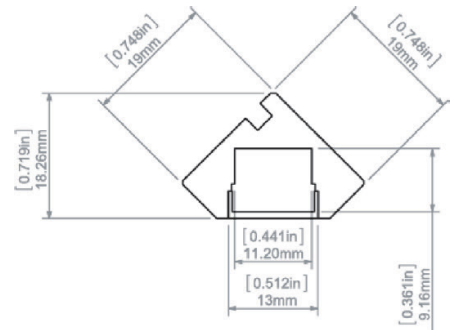
Compatible XFL Products

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

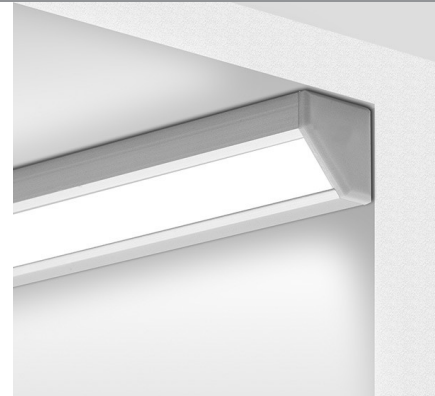
Product Image



Technical Drawing



As Installed



SKU Information

Product	Collection	Name Code	Surface Code	Length
XCC	C	S45	SA	1
				2

Technical Specification

Application:

- For construction of directional lighting fixtures
- For mounting on surfaces and in internal 90° corners

Mounting:

- On surfaces, with surface springs
- On surfaces, with professional double-sided adhesive tape

Additional information:

- Possible to make a light fixture with a concealed source of light
- This extrusion directs the light beam at an angle of 45° so you can achieve the effect of a mild accent illumination and avoid glare
- In the sealed version, it can be used to illuminate the external architectural elements, e.g. facades of buildings, gardens
- The extrusion is made of high-quality aluminum with smooth surfaces
- The source of light is a LED tape - max. 10.8 mm (0.42") wide
- If you apply densely distributed LEDs and frosted HS cover (min. 140LED/m; 44/F) or (min. 120LED/m; 38/F), you can obtain a single line of light.

Note:

- Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof.

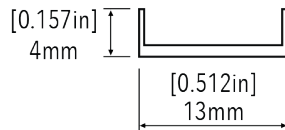
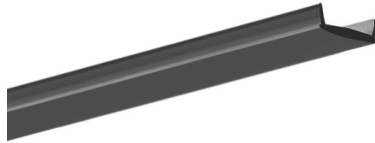
Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

Compatible Lenses

XCC-L-TL-BK Black Transition Lens



33%



Description

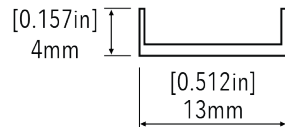
Matte black surface that turns white when the light is turned on with 33% light transmission. The cover is made of UV-resistant PC measuring 13mm wide and 4mm in height. When the LEDs are off, the cover is black. The best visual effect is obtained in profiles that are black inside.

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

XCC-L-UNV-CL Universal Clear



85%



Description

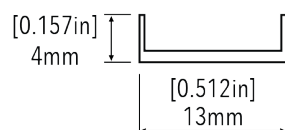
Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 85% light.

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

XCC-L-UNV-FR Universal Frosted



70%



Description

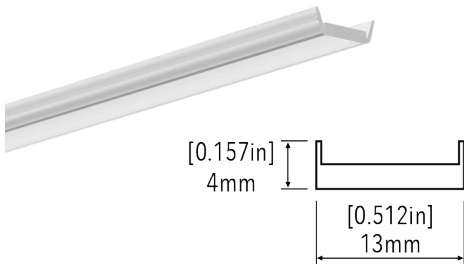
Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 70% light.

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

Compatible Lenses (Continued)

XCC-L-EX-CL Extreme Clear

**EX
CL**
89%



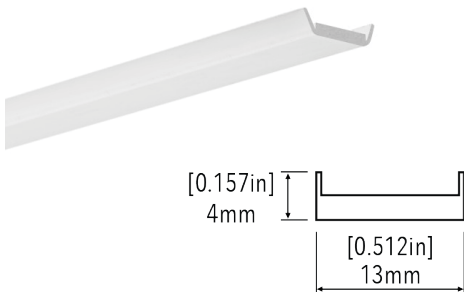
Description

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.

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.

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

Compatible End Caps

XCC-E-S45-NA-NC-STD



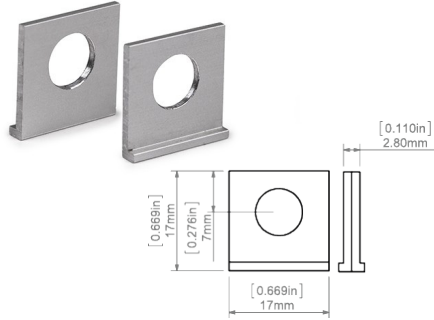
Description

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

SKU			
Product Number	Material	Color	UV Resistant
XCC-E-S45-NA-NC-STD	PP	GREY	NO

Compatible Mountings

XCC-M-DFH-NA-H1



Description

The hanger consists of two pieces with holes. Both parts should be inserted into the guide (small lock) of the selected extrusion. After insertion, they form a hanger that can be used to suspend the lighting fixture, by pulling e.g. a steel cable through it.

SKU			
Product Number	Thickness	Material	Color
XCC-M-DFH-NA-H1	2.8mm	STEEL	STEEL GREY

Required Parts



Extrusion (A)



End cap (B)



Cover (C)



LED strip (D)



Spring (E)

Required Tools

- Drill
- Screwdriver

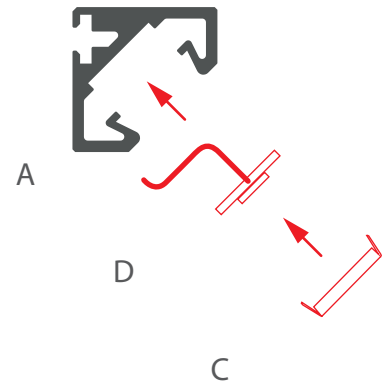
Important

- 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

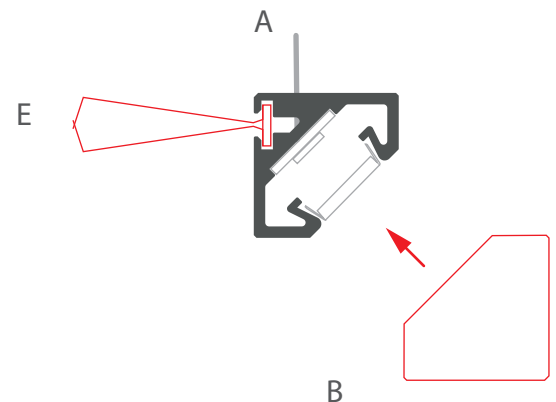
1

Mount the LED strip (D) and insert the cover (C).



2

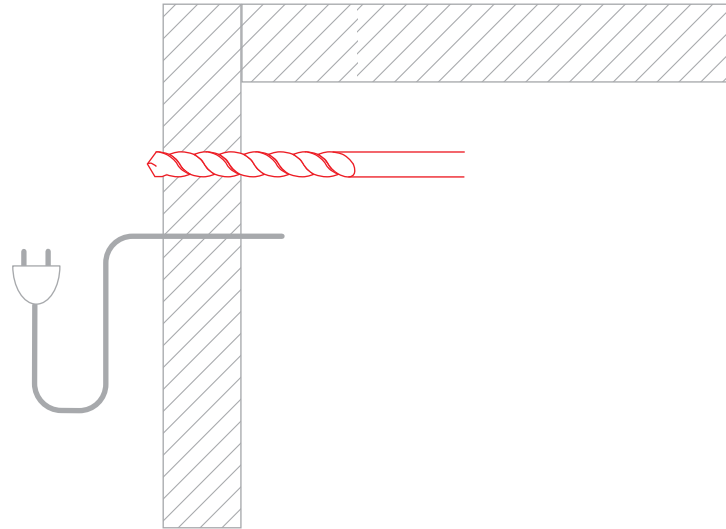
Slide the spring (E) into the extrusion, and then insert the end cap (B).



Mounting Instructions (Continued)

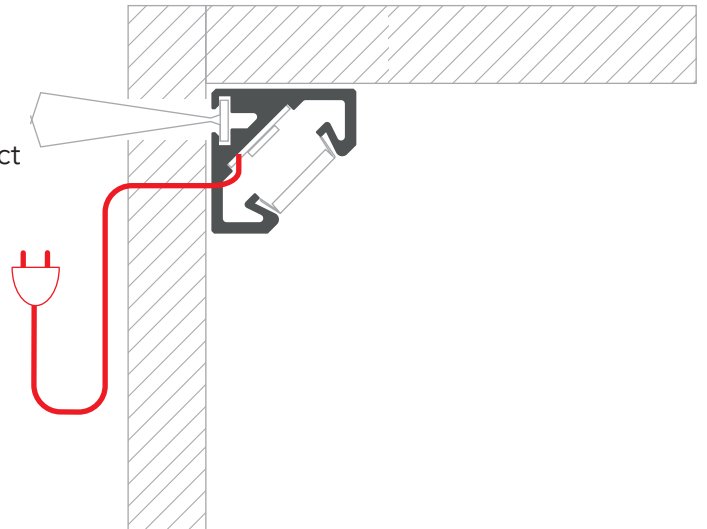
3

Drill $\varnothing 10$ mm holes for the springs (A) and to lead out the power cable.



4

Mount the extrusion (A) in the drilled holes, and connect power.





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

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