



























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

- Designed for mounting on surfaces with internal 90° corners that directs light at 45° angle
- Ability to create a line of light
- Designed to reach an IP67 waterproof rating
- For construction of directional lighting fixture
- Good heat dissipation

Finish

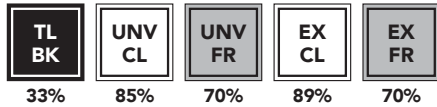
Silver anodized
Black anodized



White



XCC-L Lenses*



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-D45-NA-NC-STD

XCC-E-D45-BK-NC-STD

XCC-E-D45-NA-NC-HOLE

XCC-M Mountings*

XCC-M-D45-SA-H

Internal Channel Dimensions

Height: 10mm

Width for LED: 11.2mm

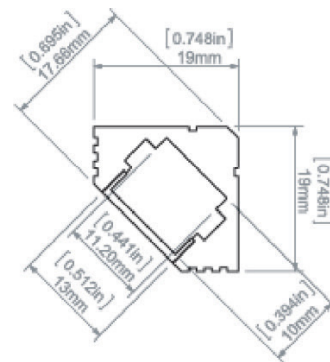
Compatible XFL Products



Product Image



Technical Drawing



As Installed



SKU Information

Product	Collection	Name Code	Surface Code	Length
XCC	C	D45	SA	1
				2
				3
			BK	1
				2
				3
			WT	2
				3
				3

Technical Specification

Application:

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

Mounting:

- On surfaces, with the corresponding mounting brackets
- On surfaces, with professional double-sided adhesive tapes and mounting glue

Additional information:

- Possible to make a lighting fixture with a concealed source of light
- 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:

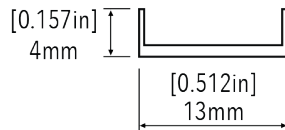
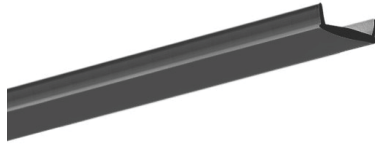
Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

Compatible Lenses

XCC-L-TL-BK Black Transition Lens



33%



Description

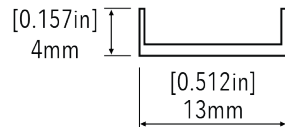
Matte black surface that turns white when the light is turned on with 33% light transmission. The cover is made of UV-resistant PC measuring 13mm wide and 4mm in height. When the LEDs are off, the cover is black. The best visual effect is obtained in profiles that are black inside.

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

XCC-L-UNV-CL Universal Clear



85%



Description

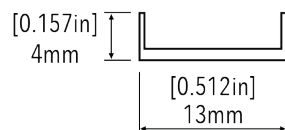
Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 85% light.

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

XCC-L-UNV-FR Universal Frosted



70%



Description

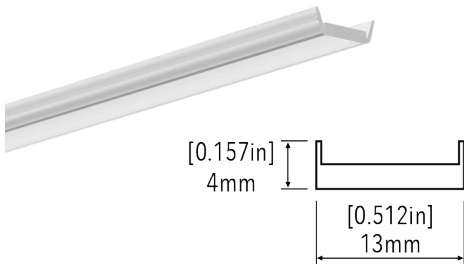
Basic 13mm wide and 4mm in height lens that is compatible with most of Xicato's channels, not UV resistant so best for indoor applications. Transmits 70% light.

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%



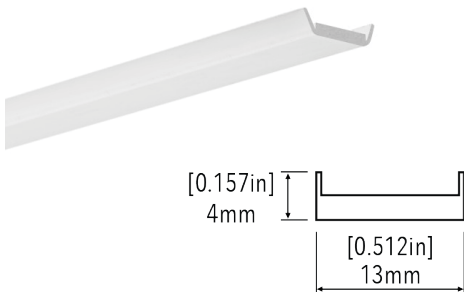
Description

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-D45-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-D45-NA-NC-STD	PP	GREY	NO

Compatible End Caps (Continued)

XCC-E-D45-BK-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-D45-BK-NC-STD	PP	BLACK	NO

XCC-E-D45-NA-NC-HOLE



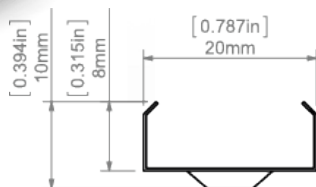
Description

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-D45-NA-NC-HOLE	PP	GREY	NO

Compatible Mountings

XCC-M-D45-SA-H

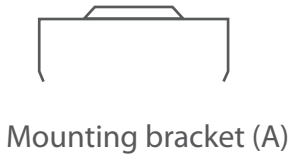


Description

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

SKU			
Product Number	Width	Material	Color
XCC-M-D45-SA-H	20mm	STEEL	STEEL GREY

Required Parts



Required Tools

- Drill
- Screwdriver

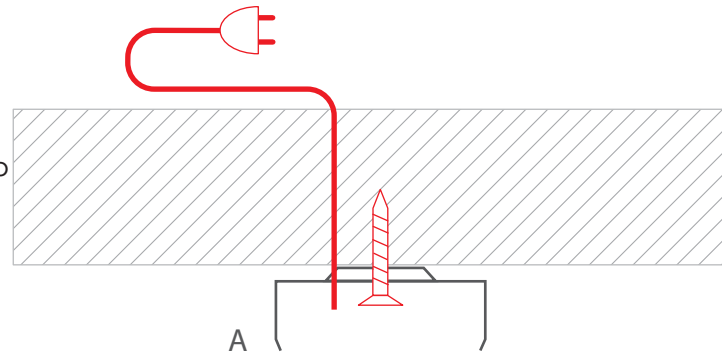
Important

- 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

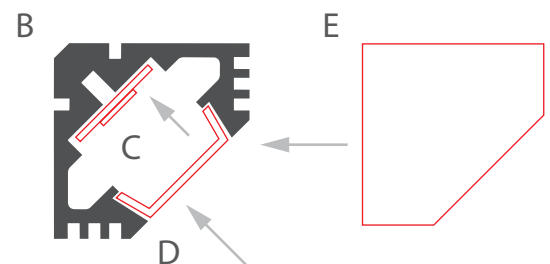
1

Feed the power cable. Attach the mounting bracket (A) to the surface with screws.



2

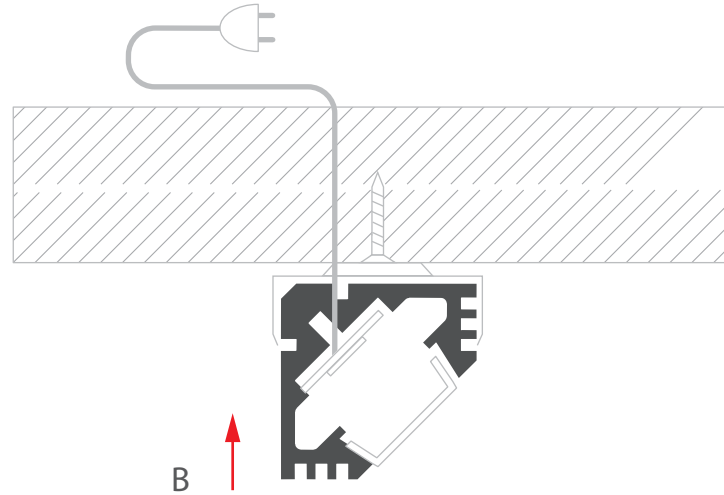
Mount the LED strip (C) in the extrusion (B), insert the cover (D) and the end cap (E).



Mounting Instructions (Continued)

3

Connect power to the LED strip and mount the extrusion (B) in the mounting bracket.





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