SYLVANIA Luminaires

LED MOSAIC™ Flexible Light Kits

Item #	
Type	
Project	
Notes	
Date	

Application

Fun, flexible and versatile, the MOSAIC Flexible Light is limited only by what you can imagine. Ideally used for undercabinets, cove lighting, shelving, TV/entertainment units, back lighting, and dorm/game rooms.

Benefits and Features

— Starter Kit beginning length is 10ft, can connect up to 20ft

— RF technology allows for better range of control; no need to aim the remote directly at the receiver!

— Expansion and connector kit available to support diverse projects

— Up to 85 LPW at 10ft

— 15 colors plus a true white color (6800K)

— CRI >80

— Input power 6.5 watts at 10ft

Electrical

— Dimmable via remote

Rated Life

— 30,000 hours (L_{70})

Warranty

— 3 year

Ambient Operating Range

— -4°F to +113°F (-20°C to +45°C)

Starter Kit

Certifications and Listings

— cETLus

— RoHS

— FCC

Ordering Guide

LED	MOSAIC	FLEX	XXFT	XXKIT	RP
LED	MOSAIC	Flexible Light	Length	Starter Kit	Retail Pack
			10ft	Expansion Kit	
			4ft	Connector Kit	

Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (V)	Typical Lumens (lm)	Dimmable	CRI	Color Temperature (CCT)	Color/Finish
65482	LEDMOSAICFLEX10FTSTARTERKITRP	6.5W at 10ft	120Vᴀᴄ	550 lm at 10ft	Yes	>80	RGB+W; 6800K	White PCB
65483	LEDMOSAICFLEX4FTEXPKITRP	1.44W at 2ft	120Vᴀᴄ	120 lm at 2ft	Yes	>80	RGB+W; 6800K	White PCB
65487	LEDMOSAICFLEXCONNECTKITRP	–	–	–	–	–	–	White

Physical Information

	Length in (mm)	Width in (mm)	Height in (mm)
Per 2ft Strip	24 (605)	0.47 (12)	0.1 (2.5)

## Additional Kits

Expansion Kit

Connector Kit

Installation

1. Once the final mounting position has been determined, clean the surface to assure the self-adhesive backing will adhere properly. It is important that the mounting surface needs to be smooth, dry, and free from oils and waxes, in order for the strips to adhere to the surface correctly. For best results, apply the strip at a room temperature range of 68°-86°F (20°-30°C). The MOSAIC strips can be installed on curved and irregular surfaces, but avoid sharp bends as the light strip could be damaged.

2. Measure the length of the area where the flex strip will be placed. Each flex strip is 2ft long. If the strips end up being too long, shorten the end of the strip by cutting at one of the lines indicated by the scissors icon. Connect all the elements together and apply power to the flex strip to test that the strip is working before mounting the final product.
   NOTE: Once cut, the section of the flex strip can no longer be connected to the other flex strips or the universal connector.
   NOTE: Can only connect a maximum of 10 strips for a length of 20ft.

3. Use a connector when you are wrapping the light strip around any corner. Use of the connector will help prevent crimping or permanent damage of the light strip.

4. Remove the protective layer covering on the back of the flex strip. Carefully place each strip in the final mounting position as the adhesive is permanent and strip cannot easily be moved.

5. Press the flex strip firmly in place and hold it for 5 seconds so that the tape adheres to the mounting surface. Make sure each of the flex strips are tightly connected to each other before continuing to mount.

6. Connect the controller to the flex strip. Make sure that the arrow icon on the controller connector matches with the 12V+ marking on the connecting strip.

7. Connect AC/DC adapter to controller.

8. Plug in the AC/DC adapter into the power outlet.

9. To turn the strips on, remove the clear pull tab from the remote so the battery can make contact. Press the ON button on the remote to light up the strips.
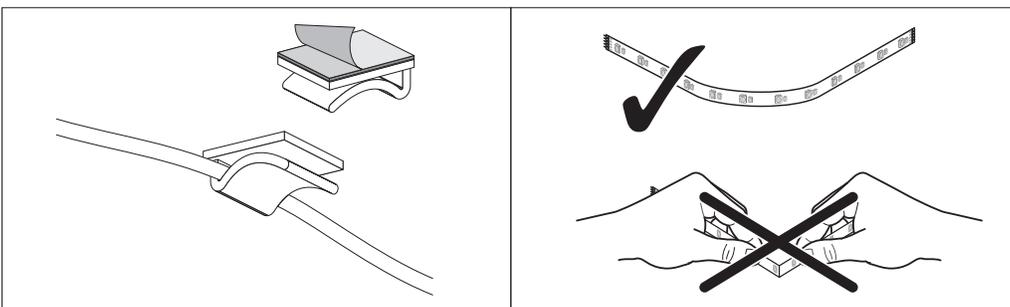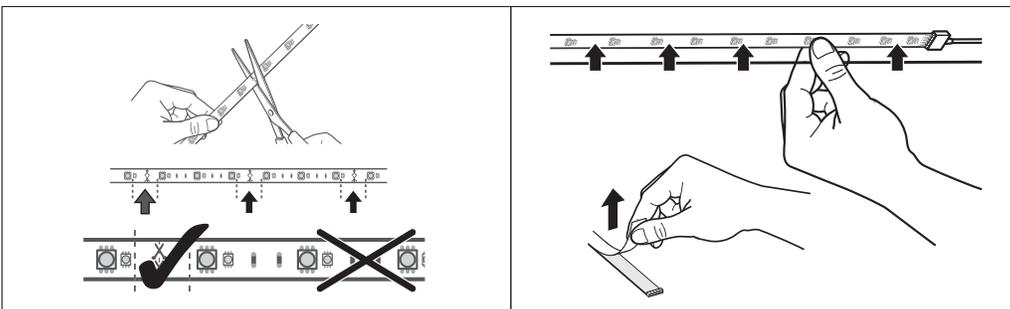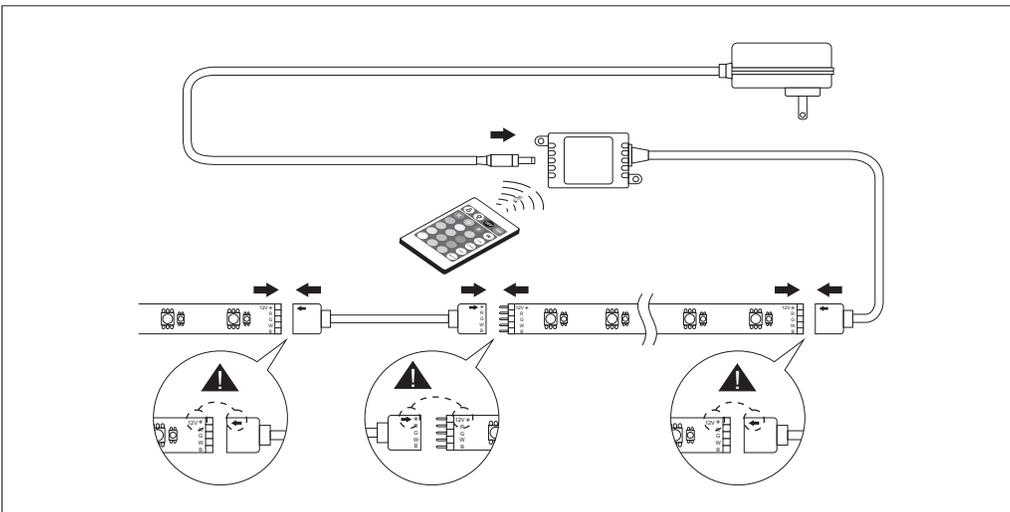
Additional Specifications

— Conforms to the contour and shape of nearly any object

— Connectors allow omnidirectional turns around corners

— Strips may be cut every 3 LEDs (about 4in)

Name:

Email:

Phone:

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