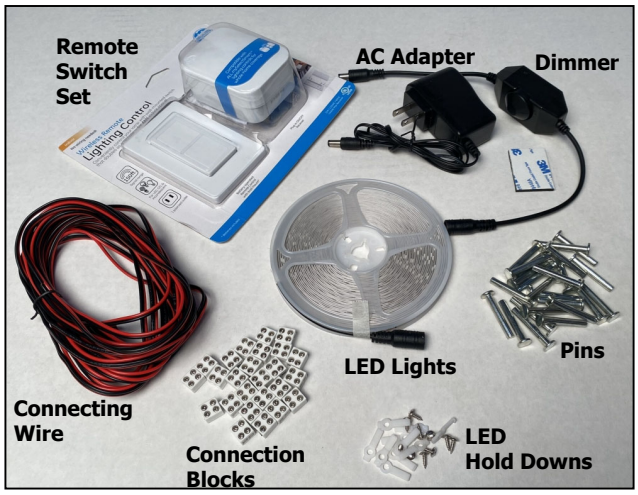
Lighting Installation

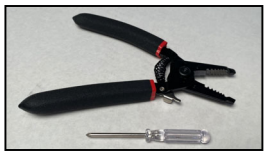


Tools Required:

Scissors, Wire Cutters & Mini Philips Screwdriver

Parts Include:

1 - 32.8' long roll of LED Strip Lighting
1 - AC Power Adapter
1 - Dimmer Switch with adhesive tape for mounting
10 - LED Strip Lighting hold downs (Not required to use)
1 - 25' long roll of 22 gauge red/black connecting wire
25 - Wire connection blocks
1 - GE Remote light switch system
24 - Lundia Steel Pins (Not required to use)
Optional items include: Wire stripper and mini Philips screwdriver



These tools are required:
*Wire Strippers
*Mini Philips Screwdriver
We offer them as an option with our lighting kit.

2 Prong extension cord may be needed, but is NOT included.

Plan Your Installation First

Using the frame example here to the left, you will want to find the nearest outlet location to the start your LED Lighting. Typically, if you are installing lights under several shelves in a frame (like our example) we recommend starting with the lowest shelf first.

Start of LED Light Strips

Outlet location

Test your LED Lights!

Plug the AC adapter into the receptacle to test your lights before installation. Dimmer not required for this test.

Step One (1)

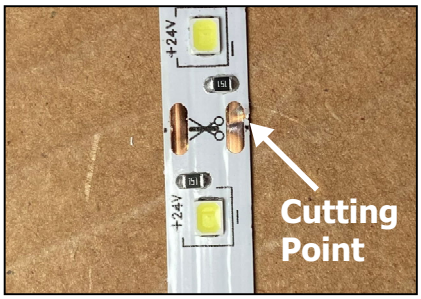
Determine length of LED light for shelf

Measure the full width available under the shelf between the two opposing frame uprights.

Step Two 2

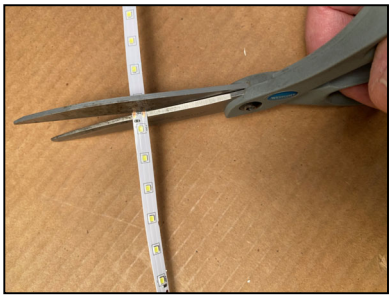
Measure and cut length of LED Lights

Unwind a portion of LED lights



Look for these locations on the LED lights. It will be the copper tabs with an image of scissors. ONLY cut at these locations.

Measure the length closest to any cutting point on the LED strip.

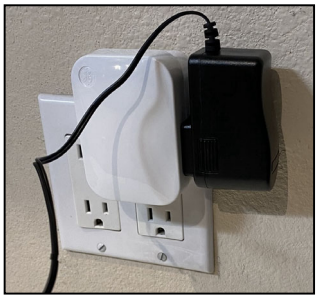


Cut the LED lights to length.

Step Three 3

Connect components from Outlet to first LED light strip

Plug in Remote Base



Connect AC Adapter.
Extension cord may be needed.

You can route wires inside any upright. Included pins can help lock wires in place.

Route Wires

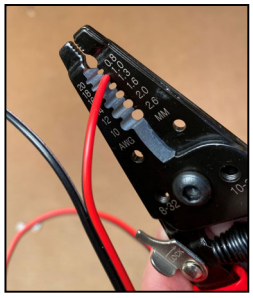
Determine the best location to attach the dimmer and route wires. An extension cord may be needed (Not included).

Connect Dimmer

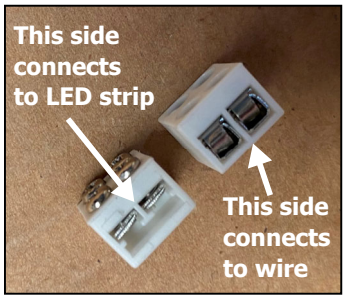
Attach Dimmer

Step Four 4

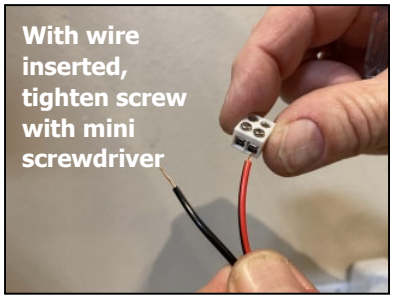
Connecting wires to connection boxes



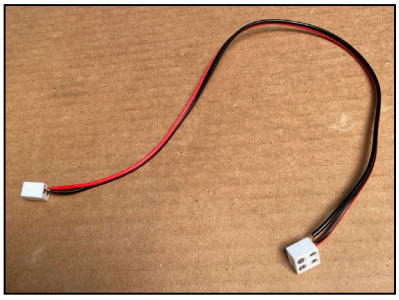
Prepare wire



Prep connection boxes
Loosen screws to insert wires



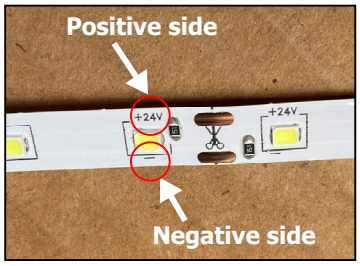
Wire leads to connection box



This is your custom wire harness

IMPORTANT NOTES:
Measure the length of wire you will need to run from one end of lighting strip to the beginning of the next lighting strip. Cut wire to length and then strip the ends of each wire to expose raw wire.

It is imperative that your red wire is always connecting on the same side of the LED Light strip. We recommend making sure the red wire always connects to the positive side. Look closely and you will see a "+" plus sign. Then connect black wires to "-" side. NOTE: This LED lighting is completely safe to touch. It cannot harm you (like an AA battery).



Step Five 5

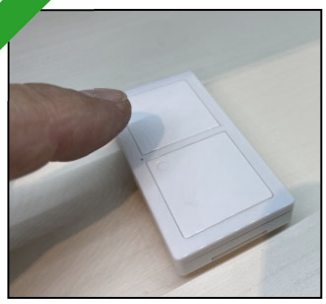
Installing your first run of LED lighting

Peel off the adhesive tape and press in place.

At the end of the run you will connect your wire harness. The other end connects to the start of the next LED run.

Route Wires in Channel

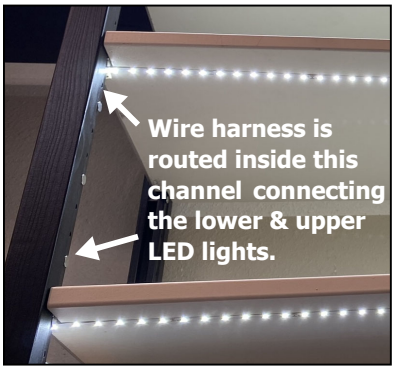
Important: Test each run of lights as you install them. If a run is not working, it's most likely that wires are crossed.



Add battery to switch and press to test first run.

Step Six 6

Finish installing your LED Lights



Once you do your first run, it gets easier and faster to install!

Install as much lighting as you want using the 32' roll. Additional lighting beyond 32' will require another lighting kit.

Optional Display Shelf can be used to conceal lights

Note: The final end of lighting requires no end piece or connector just like the photo above.

Double-sided tape allows you to mount the switch!

Troubleshooting:

Problem or issue:	Solution:
Lights are not working *FYI: These lights have a .0001 failure rate. It is extremely rare to have defective lights.*	*Your wires are crossed, change wires on connection box(es). *Wires are not properly seated inside connection box (reconnect and tighten). *Switch battery is installed incorrectly. *Switch is not synched to remote base (See separate instructions by GE). *LED light strip is cut outside the cutting point (Check all cuts). *Check dimmer to make sure plugs are securely pushed in together. *Check dimmer to make sure it is NOT turned "Off"
Tape is not holding lights securely to shelf	*Use one of the 10 LED Light Strip hold downs if and when a light strip is not staying securely on a shelf.
Lights are too bright or not bright enough	*Control the brightness with the dimmer. Simply rotate the round knob.

Questions? Call us Toll Free in US: (888) 989-1370 Monday - Friday, 8:30 - 5:00 Pacific Standard Time
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