

GM Lighting

LEDTASK™ LIGHTING KIT

COMMERCIAL QUALITY 16.4 FT. TAPE LIGHT KIT

CAUTION: DISCONNECT POWER SUPPLY FROM OUTLET WHEN CUTTING OR CONNECTING TAPE SECTIONS, OR CONNECTING POWER SUPPLY AND CONTROL, OR WHILE MOUNTING TAPE. CONNECT POWER ONLY AFTER ALL CONNECTIONS HAVE BEEN MADE. DISCONNECT POWER AGAIN IF ANY ADJUSTMENTS ARE TO BE MADE.

INSTALLATION INSTRUCTIONS

Congratulations! Your new LEDTask Lighting Kit contains everything needed for an architectural quality linear light installation that will capture and illuminate

- *Counters and cabinets*
- *Stairs and banisters*
- *Coves and concealments* - anywhere that a hidden and well installed strip of LED tape can provide high quality lighting.

READ BEFORE INSTALLING

The following safety tips and alerts will insure a safe installation, and are made in accordance with relevant and acceptable guidelines for electrical installations.

- Read all installation instructions before beginning; if not qualified, do not attempt installation. Contact a qualified electrician.
- Inspect the product for damage or imperfections. **DO NOT USE** if damaged. Return it to place of purchase for a replacement kit.
- Installing this product with disregard to the instructions herein can be dangerous and void warranty.
- LEDTask is not meant to be covered unless with a certified GM Lighting channel with lens. See our website for more information.
- Do not apply power to LED strip while it is still wound on reel.
- LEDTask tape is for **INDOOR USE ONLY**. Do not use tape outdoors, adjacent to liquids or where condensation may form, or in bathrooms close to showers and sinks.
- Do not submerge in liquid or get wet.
- Do not route the cord or tape light through walls, ceilings, doors, windows, or any similar part of the building structure.
- Secure tape light using only the attached double-stick adhesive strip.
- Do not install tape where it can be easily damaged.

WARNING: Possible shock or fire hazard if these parts are improperly installed. Products should be installed in accordance with these instructions along with current electrical requirements for local codes and the National Electric Code (NEC).



SCAN ME



- Do not secure this product or its cord with staples, nails, or like means that may damage the outer jacket or cord insulation.
- Inspect product and installation periodically.
- **DO NOT SWAP OUT POWER SUPPLIES - USE ONLY POWER SUPPLY PROVIDED IN THIS KIT** - Includes a 24V DC plug-in power supply that is cULus listed.

INCLUDED IN YOUR KIT

Familiarize yourself with all components, and you'll find installation easy and error-free.

- 16.4 feet (5 meters) of LEDTASK™ Flexible LED TAPE
- In-line RF Receiver / Controller
- Handheld RF Remote Control
- 24VDC Plug-In 24W Power Supply
- (3) Tape to Tape Connectors w/wire, 6 inch long
- (3) Tape to Wire Connectors w/ 6 inch wire
- (2) Tape to Wire Connectors, no wire
- 15 feet (4.5 meters) of 20AWG 300V Red/Black Wire
- DC Jack with EZ Tape Connector, 6 inch long (Tape power input)

PROCEED TO NEXT PAGE FOR STEP BY STEP INSTRUCTIONS AND SOME DESIGN TIPS!

⚠ WARNING ⚠

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can incur if ingested.
- A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.
- Keep new and used batteries **OUT OF REACH OF CHILDREN**
- **SEEK IMMEDIATE MEDICAL ATTENTION** if a battery is suspected to be swallowed or inserted part of the body.



Contains a replaceable battery

Compatible Battery Type: CR2025 • Battery Chemistry: Lithium • Nominal Voltage: 3V

Immediately dispose of used batteries and keep away from children. Do NOT dispose of batteries in household trash. Even used batteries may cause severe injury or death.

Call a local poison control center for treatment information (800) 222-1222.

Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

Ensure the batteries are installed correctly according to polarity (+ and -).

Remove and immediately discard batteries from equipment not used for an extended period of time.

Non-rechargeable batteries are not to be recharged.

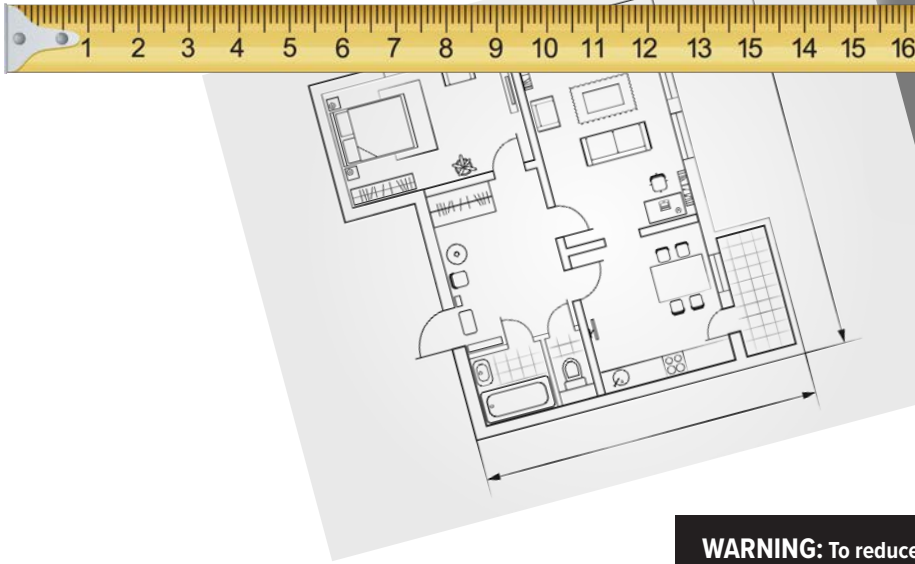
Do not force discharge, recharge, disassemble, heat above (131°F/55°C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

GM Lighting®

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START YOUR LAYOUT

Ask most interior and lighting designers how they start a lighting plan - whether it's for a kitchen, hallway, office, bedroom or anywhere...and you'll probably get a simple answer: "with paper and pencil!" Take out a tape measure and measure out where you want to install your LEDTASK LED TAPE. Make sure that the power supply is close to the start of your tape. Confirm that you have enough tape to satisfy your 'run', and clear the area of any items that may hamper your installation.



WARNING: To reduce the risk of fire, electric shock or injury, make sure to disconnect the electrical power to the system before installation or any servicing.

LOCATE POWER SOURCE

Determine the outlet being used. Location should be in an area where plug-in power supply will not be disturbed once plugged into outlet. Avoid using outlets on a circuit with high power appliances to reduce possible performance or reliability issues. Connect the optional In-line RF Controller to Power Supply (**FIG 1**).

Before mounting or connecting components, lay out the complete run (**FIG. 1**). This will give you a good idea of spacing and insure that you have adequate connectors and tape.

Next page: Connecting, mounting and controlling your LEDTASK™ LIGHTING application.

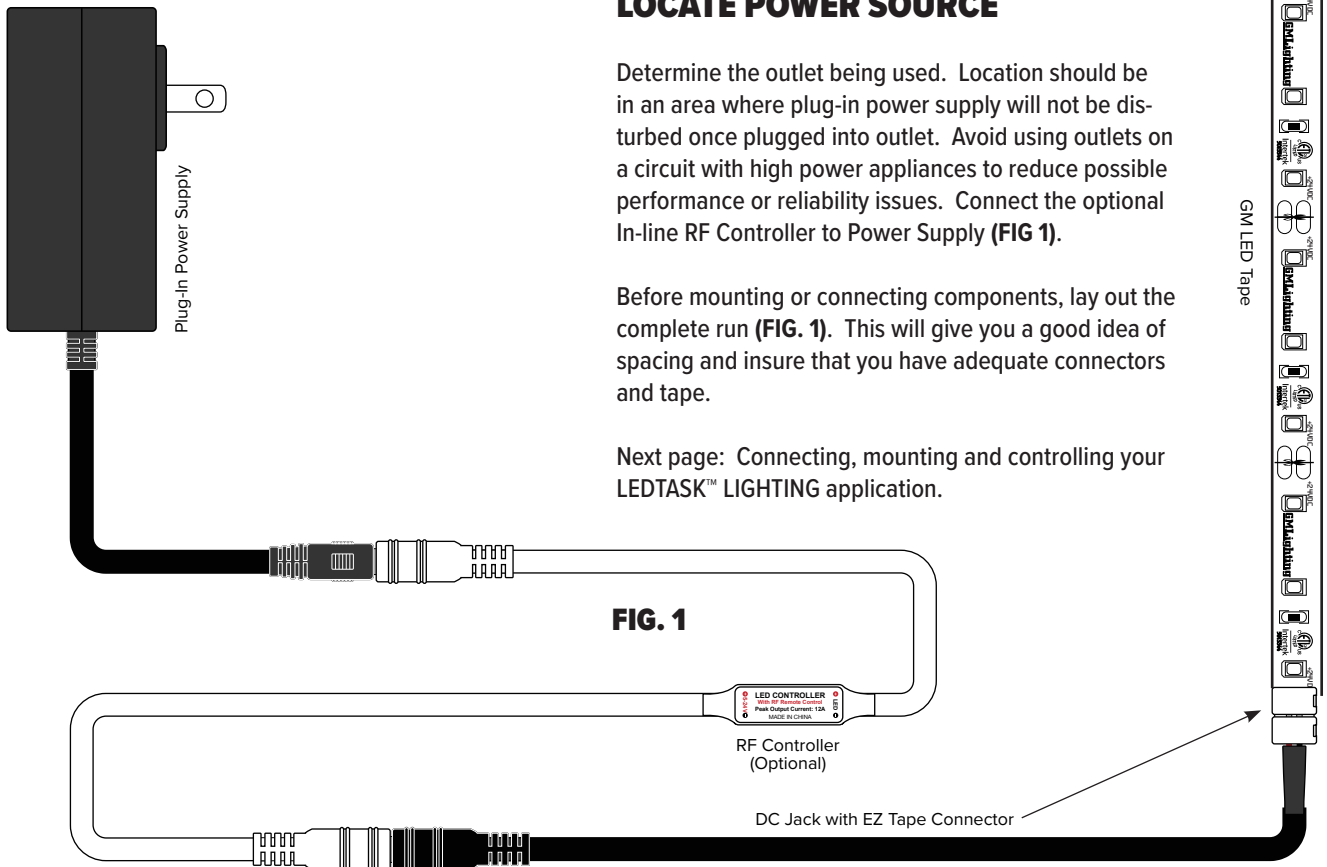


FIG. 1

RF Controller (Optional)

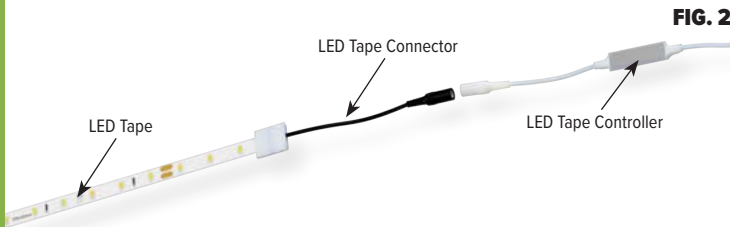
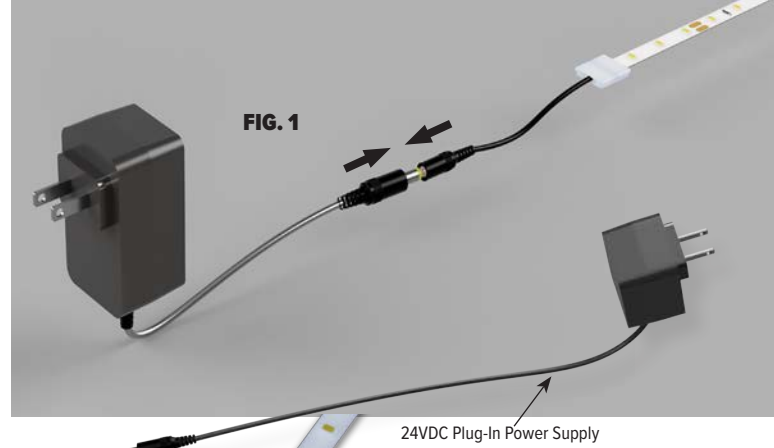
DC Jack with EZ Tape Connector

GM LED Tape

CONNECT TAPE TO POWER SUPPLY

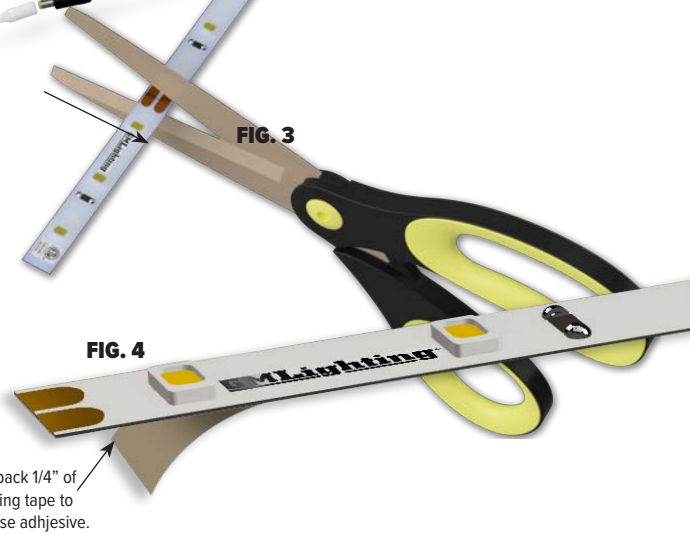
Unspool tape from reel. Before installation, make sure that tape is working properly. Connect tape directly to 24VDC power supply using the barrel connector that is pre-affixed to tape (**FIG. 1**) Tape should illuminate with all diodes working. Disconnect from power supply and connect tape to LED controller, and then LED controller to 24VDC power supply. Consult schematic on page 2 and (**FIG. 2**).

Test Controller: Before MOUNTING, take a few moments to put the controller through its paces. Consult page 4 to see **Key to Features**. You're ready to make your custom installation!



WHERE TO CUT

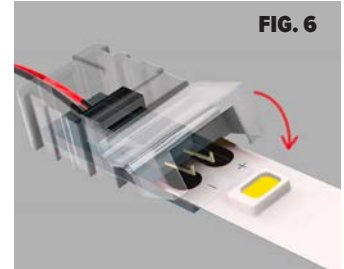
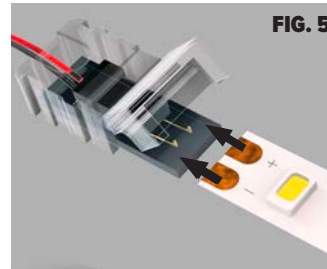
After determining your layout, you may need to make a cut in order to add a connector. Connector's are used to bridge areas where you do not want any light. We made it easy for you to find exactly the right place to cut your tape. Make sure that cuts are made perpendicular to the tape, and right on the vertical cut mark (**FIG. 3**).



USING CONNECTORS

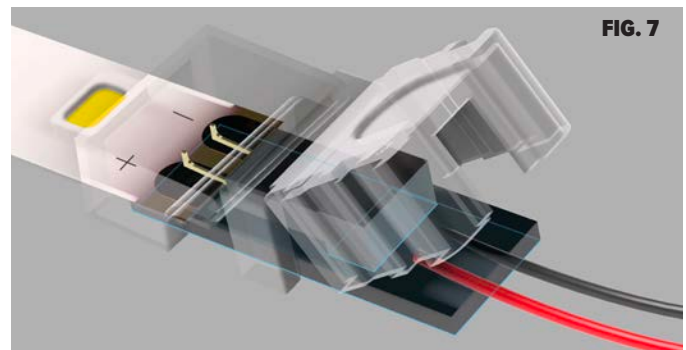
In your kit you will find a variety of connectors and wire. Like you did in Step 2, trim off a quarter inch section of the backing adhesive tape to expose the bare metal back of the tape (**FIG. 4**). **KEEP CONNECTOR OPEN UNTIL SURE THAT TAPE IS IN PROPER POSITION.** Align the Red/+ to Red/+ and Black/- to Black/- on each connector to the LED tape. Once connector is closed, it is secure and will not open easily. Insert trimmed end of tape until it stops against connector. The copper pad conductors on the tape should be aligned to metal contacts of the connector. Push tape into connector so that contacts hold tape firmly. Close connector latch until you hear it snap close.

(**FIG 5, 6**).



For Tape to Wire

Align the Red/+ to Red/+ and Black/- to Black/- on each connector to the LED tape. Insert ends of wire into the connector (**FIG. 7**). Push down on cover to snap latches closed. Attach tape to other side as in previous step. If needed, use pliers to squeeze the connector onto the wire until latched.



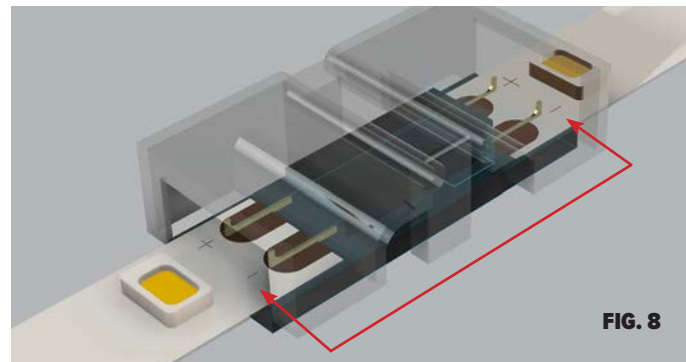
For Tape to Tape

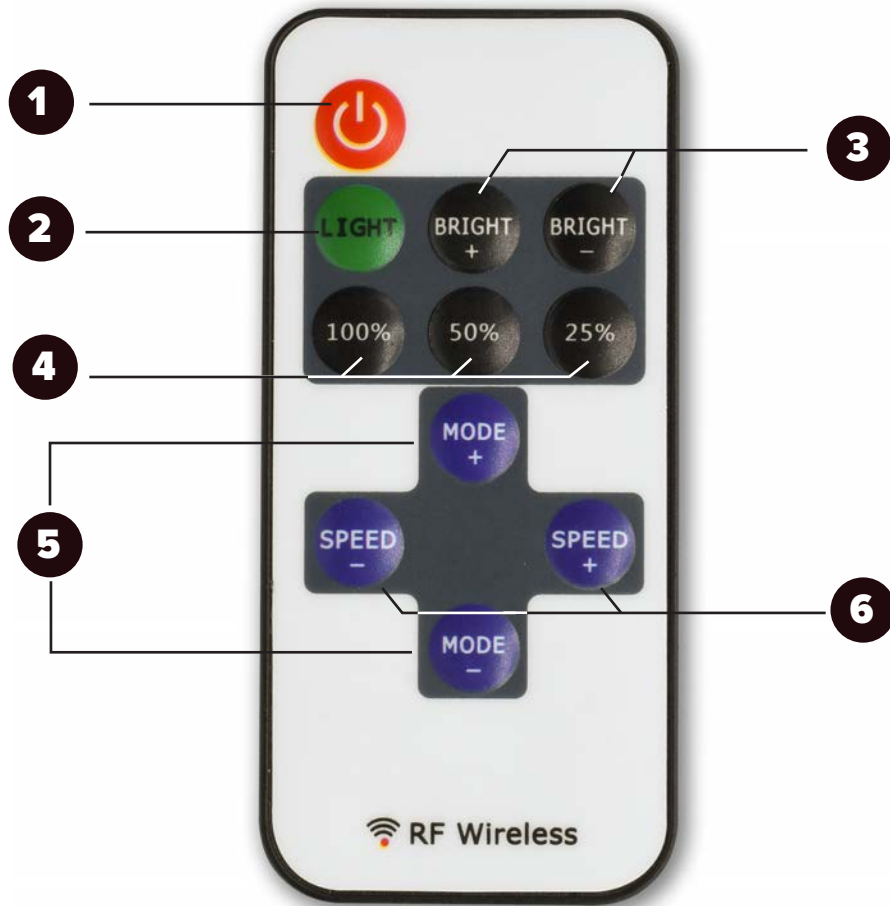
Align the + to + and - to - on each connector to the each LED tape. Insert ends of LED tape, making sure that brass prongs connect to copper pad conductors (**FIG. 8**). Push down on cover to snap latches closed.

Running long stretches of wire is straight forward. If you are interrupting your LED tape run by connecting to another room or a good distance from your first run, you can utilize the 20AWG wire that we provide for you. Cut end of each length of tape that will be interconnected and make sure that you are connecting red to red and black to black when wiring both lengths together.

MOUNTING

Make sure that surface where tape will be mounted is free of dust and debris. Before mounting, use a household cleaner to prepare surface. Then, pull back paper covering adhesive double stick tape and using only your fingers (no tools), carefully press tape along route that you are mounting on. Double-sided tape will take 24 hours to reach maximum adhesion.





KEY TO FEATURES

Remote control RF operating range >50 ft.

Make sure that there is no line-of-site obstructions that may block Inline RF Receiver / Controller. RF signals are usually strong, but can be impeded. Remove protective film from battery compartment prior to use. This remote includes a 3V CR2025; only replace with the same type battery. Please dispose of old batteries properly. **NOTE: Remote control can be paired to one controller only.**

1: Power On / Off

2: Return to standard mode from dynamic mode

3: 10 dimming levels +/- in standard model (manual)

4: 100%, 50% or 25% brightness levels in standard mode

5: Dynamic lighting mode programmed with 8 settings

6: 10 speed levels in dynamic mode