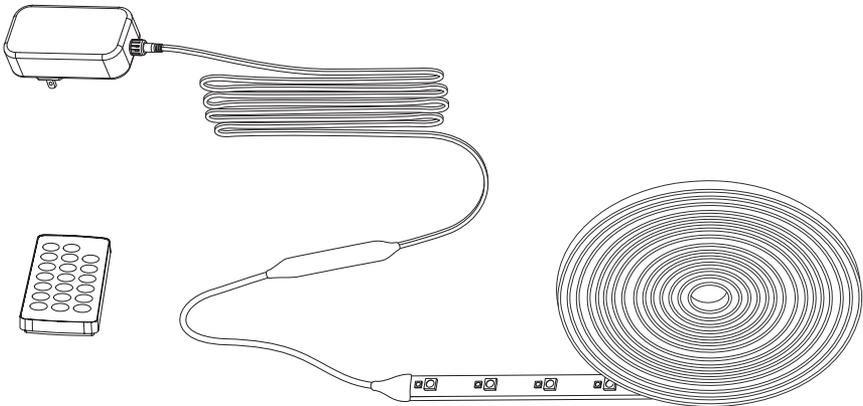


# USE AND CARE GUIDE

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## 24 FT. WHITE & MULTI-COLOR LED TAPE LIGHT WITH REMOTE



Questions, problems, missing parts? Before returning to the store,  
call Commercial Electric Customer Service  
8 a.m. - 7 p.m., EST, Monday - Friday, 9 a.m. - 6 p.m., EST, Saturday

1-877-527-0313

HOMEDEPOT.COM

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### THANK YOU

*We appreciate the trust and confidence you have placed in Commercial Electric through the purchase of this flexible tape light kit. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Commercial Electric!*

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## Safety Information

Always keep the user manual within reach while installing this LED tape. Please read and understand the user manual to ensure proper installation and use. Always pay attention to the technical data shown on the product. We reserve the right to make technical changes.

- Fitting and maintenance work may only be carried out by a professional or an electrician in accordance with local safety regulations.
- All electrical connections must have good contact in order for this product to have a long, useful life.
- The LED chips of this LED tape cannot be replaced.
- Only use the LED driver which has been provided with this tape.
- Never use the unit in a room where there is a danger of explosion or in the vicinity of flammable liquids or gases.
- Do not bend, crush or pull the cable. Protect from sharp edges, oil and heat.
- For indoor and outdoor use.
- Ensure the connectors are securely fastened before operating the tape.
- Electrical waste should not be disposed of with household waste. Please recycle where facilities exist.



**DANGER:** Danger of eye damage! Never look directly at the LED chips of this LED strip.



**WARNING:** If using the adapter outdoors where it could be exposed to rain, snow, or solid objects less than 1mm, to protect against electric shock, install the adapter only in a Class A GFCI receptacle that has a weatherproof enclosure with the attachment plug cap inserted or removed.



**WARNING:** The adapter is not for use with receptacles that are weatherproof only when the receptacle is covered (attachment plug cap not inserted and receptacle cover closed).



**WARNING:** Risk of electric shock. Mount the adapter at a height greater than 30 cm / 11.8 in. from the ground surface.



**CAUTION:** Do not submerge any part of this unit.



**IMPORTANT:** Before installing or servicing, main power should be removed by unplugging the unit or disconnecting power at the circuit breaker.

**NOTICE:** LED flexible tape lighting rating: 24VDC 1A.

## **THREE (3) YEAR WARRANTY**

### **WHAT IS COVERED**

The manufacturer warrants this fixture to be free from defects in materials and workmanship for a period of three (3) years from date of purchase. This warranty applies only to the original consumer purchaser and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, abuse, accident, modifications, alteration, neglect, or mishandling. This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear.

### **WHAT IS NOT COVERED**

The manufacturer does not warrant and specifically disclaims any warranty, whether expressed or implied, of fitness for a particular purpose, other than the warranty contained herein. The manufacturer specifically disclaims any liability and shall not be liable for any consequential or incidental loss or damage, including but not limited to any labor/expense costs involved in the replacement or repair of said product.

Contact the Customer Service Team at 1-877-527-0313 or visit [www.HomeDepot.com](http://www.HomeDepot.com).

# Pre-Installation

## PLANNING INSTALLATION

It is important to read these guidelines completely to understand how RGB + White LED tape lighting works with the included RF wireless remote.

This tape light is encapsulated in UV resistant, weatherproof tubing for use indoors or outdoors in any dry or wet location. Do not submerge. It uses a high performance acrylic peel-and-stick foam tape with an industrial adhesive which allows the LED tape lighting to bond more effectively to a wide variety of surfaces.

This tape light operates on low voltage using the included 24-volt DC power supply. Is not suitable for installation in boats and RVs when powered by a 12-volt battery.

## INSTALLATION CONSIDERATIONS

- What is the best layout configuration for your installation?
- How will you run and conceal the wires to your LED tape lighting?
- What is the best mounting position for the LED tape light to achieve your desired effect?
- See the section titled “Mounting options” on page 8 for cabinet lighting placement tips.

## TOOLS REQUIRED



Measuring  
tape

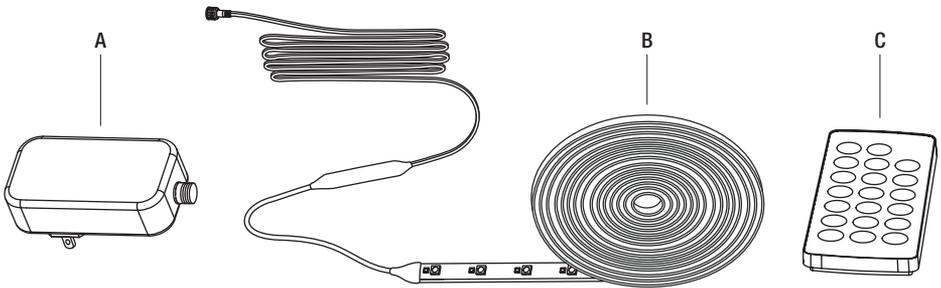


Scissors



Adhesive  
Glue

## PACKAGE CONTENTS

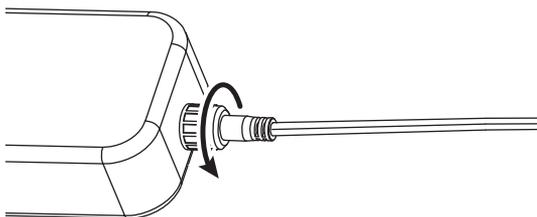


| Part | Description   | Quantity |
|------|---|----------|
| A    | Plug-in power adapter   | 1        |
| B    | Connector, RF receiver, and 24 ft. LED flexible strip (pre-assembled) | 1        |
| C    | Remote  | 1        |

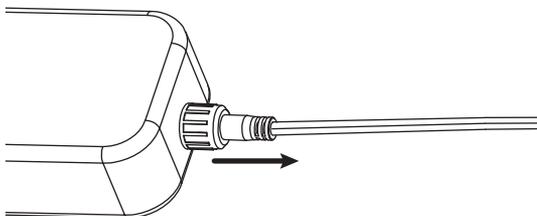
## 1 Connecting LED tape and the adapter

This tape lighting kit comes fully assembled, but for ease of installation, you may wish to temporarily disconnect the power adapter.

- Unscrew the collar at the base of the adapter (A) where the output cable exits.



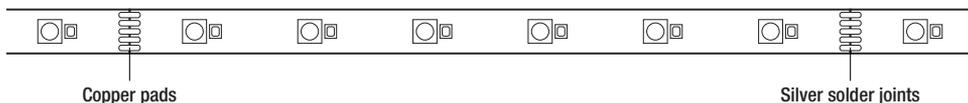
- When the collar is completely unscrewed, gently pull to remove the cable.



- Reverse these steps to reattach the output cable. The connector is polarized, and can only be inserted in one orientation. Be sure all connections are tight before powering on this tape light kit.

## 2 Cutting the tape to length

- This tape light model can be cut every 12 LEDs, or about every 10 in. Some of these intervals have copper pads, and some have silver solder joints visible. Use sharp scissors to only cut in the middle of either of these points.



- If using outdoors, use a liberal amount of clear, silicone-based adhesive to thoroughly seal the cut end to prevent water ingress.

## Installation (continued)

### 3 Preparing the assembly location

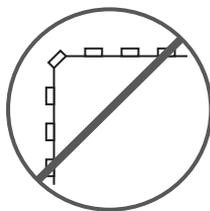
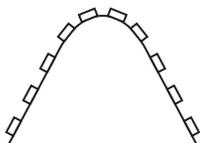
- Power the LED tape lighting and temporarily hold or tape into position with painter's tape or masking tape – do not remove the adhesive paper backing.
- Adjust the lighting to various angles and positions to get the desired level of illumination and lighting appearance. If the LEDs create undesirable light spots on walls, or reflections, reposition the tape light strip farther away from surfaces or try a different mounting angle.
- Once you have determined your final mounting position, remove any dirt and dust present where the tape will be applied. Mounting surfaces should be clean, completely dry, and as dust-free as possible. For best results, install when temperatures are above 60°F (15°C). When installing on painted surfaces, paint should be fully cured based on manufacturer's cure time.

### 4 Installing the LED strip

- Working from one end to the other, remove the paper backing protecting the adhesive and firmly press the LED tape (B) down with your fingers or a clean cloth, taking care not to press on the individual LEDs.
- Support and secure the power cables leading to the tape light with suitable non-metallic staples.



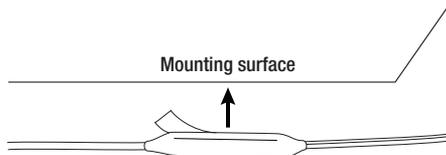
**NOTE:** Although the LED tape can be installed in curved and irregular spaces, avoid sharp bends or bending on the solder joints as you could damage the LED tape light. If an LED is inadvertently damaged and fails to light, the remaining LEDs will continue to operate.



## Installation (continued)

### 5 Installing the RF Receiver

- Remove the adhesive backing from the receiver. On a clean and dry surface, place the RF receiver (B) into the desired position and press to ensure proper adhesion to the surface. For some outdoor installations, it is recommended to supplement this bond with silicone adhesive



### 6 Connecting the power supply

- Plug the adaptor into the wall and then use the remote to turn the LEDs on.



**WARNING:** If using the adaptor outdoors where it could be exposed to rain, snow, or solid objects less than 1mm, to protect against electric shock, install the adaptor only to a Class A GFCI receptacle that has a weatherproof enclosure with the attachment plug cap inserted or removed.



**WARNING:** The adaptor is not for use with receptacles that are weatherproof only when the receptacle is covered (the attachment plug cap is not inserted and the receptacle cover is closed).

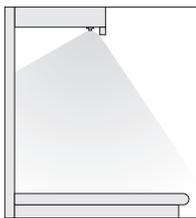


**WARNING:** Risk of electric shock. Mount the adaptor at a height greater than 30 cm / 11.8 in. from the ground surface.

# Mounting Options

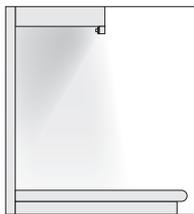
## 1 Installing under a cabinet

- To surface mount the LED tape light under a set of cabinets in one continuous run, you may need to drill a 1/2 in. hole through any cabinet side lip that may be present. Install LED tape light through the hole and surface mount as a continuous run.
- For maximum light output and to focus light on the work surface, mount the tape light 1-2 inches behind the front cabinet lip. This mounting position works best with dull or matte finished countertops.



The LED tape has a wide beam angle

- To eliminate bright spots from highly reflective countertops, mount the tape light on the inside back of the cabinet lip frame facing towards your backsplash. Because of the wide beam angle of the tape light, this mounting position will still provide ample lighting.



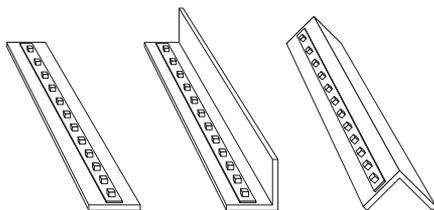
Mount on inside of cabinet lip to reduce reflections

- When mounting under a cabinet or a shelf with no lip to hide the LED tape light strip, create a visual barrier using a piece of quarter round molding or any angle trim to hide the LEDs.

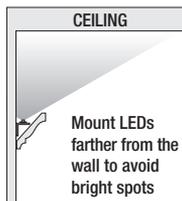


## 2 Creating above cabinet uplighting

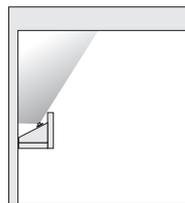
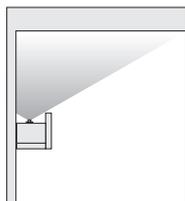
- Most cabinet tops have uneven surfaces. To create indirect uplighting over cabinets, simply mount the LED tape on any rigid strip (e.g., thin lattice or corner guard molding) and place on top of cabinets. Angle the strip position to achieve the desired illumination.



- For a seamless glow and to avoid bright light spots, move the LED tape light strip further from adjacent walls.

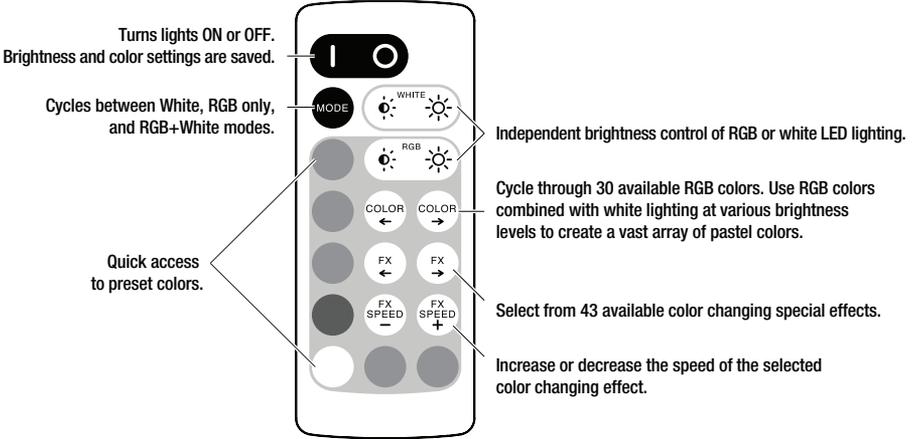


Mount LEDs farther from the wall to avoid bright spots



## 1 Functions of the remote

- Pull out the plastic battery barrier sheet from the battery compartment located on the bottom of the remote (C).
- The remote (C) does not require line-of-sight to operate the lights.
- The remote can operate up to 50 feet in optimal conditions, but each installation has unique variables that may affect range.



## Operation (continued)

### 2 Pairing Multiple Kits

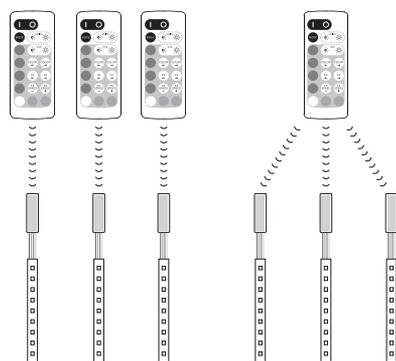
The remote (C) in each kit comes paired with the tape light (B). For larger installations, multiple kits can be paired together for control by a single remote (C).

#### PAIRING

- Set to all kits to be paired to the same mode.
- Unplug the power adapter (A) for the kit that is to be paired. Wait 5 seconds
- Restore power to the adapter (A), then within 10 seconds press and hold the red color preset and the RGB brightness up buttons on the remote (C) at the same time



- The lights will flash to indicate a successful pairing



Each remote uniquely paired to a kit

One Remote paired to multiple kits

This kit will now operate with the remote used in this procedure. Repeat as desired with other kits and remotes.



**NOTE:** Dynamic effects will not stay synchronized between multiple receivers.

#### TO RETURN TO SINGLE-REMOTE OPERATION

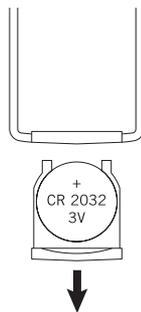
For each kit, perform the following steps using a unique remote (C):

- Unplug the power adapter (A) for the kit that is to be returned to single-remote operation.
- Restore power to the adapter (A), then within 10 seconds press and hold the red color preset and the RGB brightness up buttons at the same time (The lights will flash to indicate the signal has been received)
- Perform the two steps above a second time to complete the process

This kit will now operate only using the remote used in this procedure. Repeat as desired with other kits and remotes.

### 3 Changing the Battery

- To replace the battery, use the catch at the back to pull the battery compartment away from the remote.
- Always purchase the correct size and grade of battery that is most suitable for the intended use.
- Ensure the battery is installed correctly with regard to polarity (+ and -).
- Remove battery from the equipment when it is not being used for an extended period of time.
- Remove used batteries promptly.



**WARNING:** The remote contains a CR2032 DC 3V button battery. If swallowed, it could cause severe injury or death within 2 hours. Seek medical attention immediately.

## Care and Cleaning

- To clean the tape light, use a clean dry or damp cloth
- Do not use cleaners with chemicals, solvents or harsh abrasives as damage to the light strip may occur.

## Troubleshooting

| Problem  | Possible Cause   | Solution   |
|--|--|--|
| The LED strip will not light.  | The power adapter does not have power.   | Make sure the adapter is fully inserted into a live 120V outlet.   |
|  | The power adapter output cable is not properly secured.  | Check the connection and make sure that the connector is inserted fully, and the collar is tightened securely.   |
|  | Batteries in the remote are dead, improperly installed, or the battery protector has not been removed. | Make sure the battery protective strip is removed. Check that the orientation, and type of battery are correct and the battery is not depleted.  |
|  | The remote is too far from the receiver.   | The remote can operate up to 50 feet in optimal conditions, but each installation has unique variables that may affect range.  |
| The fuse blows or a circuit breaker trips when the light is turned on. | A wire is exposed.   | <ul style="list-style-type: none"><li>□ Discontinue use of the lamp.</li><li>□ Unplug the unit from the wall.</li><li>□ Contact a qualified electrician or call the Customer Care Service Team at 1-877-527-0313, 8 a.m. - 7 p.m., EST, Monday - Friday, 9 a.m. - 6 p.m., EST, Saturday.</li></ul> |

## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.



**CAUTION:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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**1-877-527-0313**

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Retain this manual for future use.