Vanity Night Light Kit Installation Instructions

Read all instructions before installing

Kit Includes:

Doppler Motion Sensor Switch (72 watt)
T-MSS-D-TS

5 ft. section of 120 Lumens/ft. Single-white tape light
L-RMW300-16-40

12-volt, 12-watt plug-in Power Supply
T-12W-12V-PI

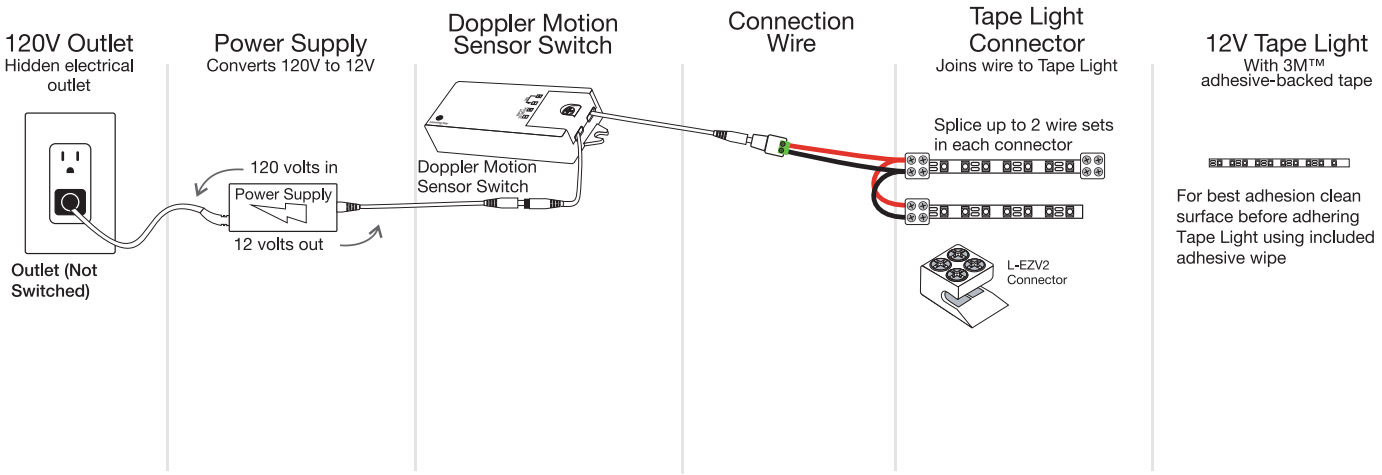
(6) Screw-down connectors
L-EZV2-6PK-WT

8 ft. connection wire
T-CW20G-STR-1

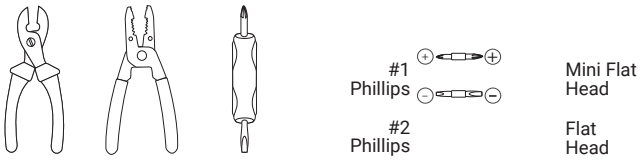
Also includes multi-bit screwdriver and adhesive wipe for surface preparation.

EXAMPLE–DOPPLER MOTION SENSOR SWITCH KIT HOOKUP DIAGRAM

Step 1. Connect Power Supply to Sensor → **Step 2.** Connect Sensor to Tape Light → **Step 3.** Mount Sensor and Tape Lighting

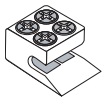


Tools Needed



Pliers | Wire Strippers | Multi-bit Screwdriver (Included) | Included screwdriver bits

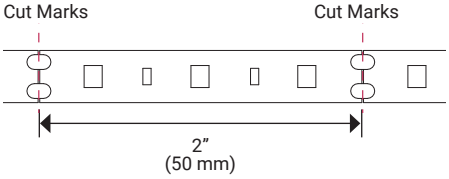
Product Legend



Screw-down EZ Connector L-EZV2

NOTE

- DO NOT connect low-voltage LED tape light to high-voltage power.
- Install in accordance with NEC and local regulations.
- Maintain polarity on all connections, Red to (+V) and Black to (-V).
- For shorter lengths of LED tape light, cut with scissors at cut marks where black line runs through 2 solder points–CUT AT DESIGNATED CUT LINES ONLY.



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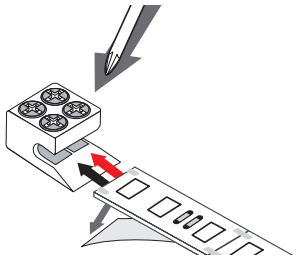
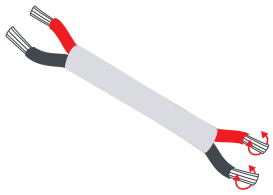
Installation Instructions Overview

Step 1. Prepare Tape Lighting with Wire and Connector

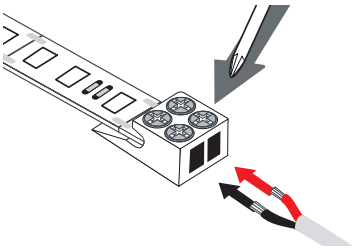
Pro Tip: Stick the tape lighting to the ramp before tightening the screw to better hold it in place.



1. Use #1 Phillips to loosen the 4 terminal screws on EZ Connector. Peel 1/2" of the adhesive protector from back of LED tape light, insert into connector; evenly tighten screws.

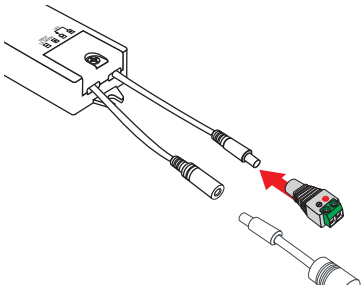


2. Select the desired location where the Doppler sensor will be mounted in the vanity. Then, cut a length of connection wire to run from the Doppler Motion Sensor to the LED lighting location. Strip 1/4" insulation from both ends of connection wire and twist each wire.



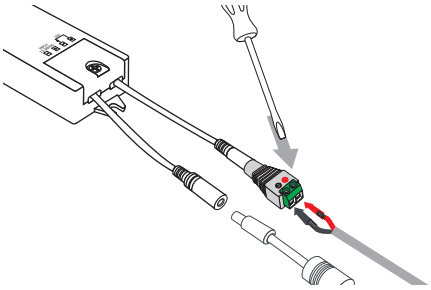
3. Insert stripped wires into terminals, Red wire to (+ or DC12V) side of LED tape light, Black wire to (- or GND) side of LED tape light; evenly tighten screws.

Step 2. Connect Tape Lighting to Doppler Motion Sensor Switch



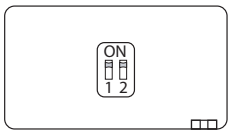
1. Connect the Female Barrel Connector (included with Power Supply) to the male OUTPUT side of the Doppler Motion Sensor.

2. Feed wire through any holes that were drilled in the installation in preparation to connect to the Doppler Motion Sensor Switch.



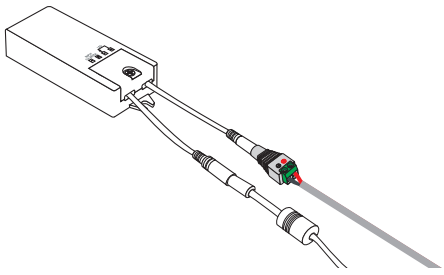
3. Loosen terminal screws on the Female Barrel Connector. Insert one end of the wire into the terminals, Red to (+), Black to (-); tighten screws.

Step 3. Connect Doppler Motion Sensor Switch to Power and Mount

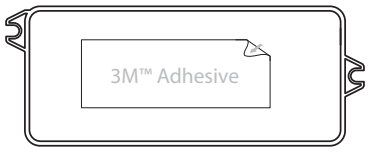


1	2	Delay Time
on	on	60s
on	off	120s
off	on	180s
off	off	240s

1. The small switches on the side of the Doppler Motion Sensor control how long the lights will stay on once motion is detected. Follow the diagram printed on the Sensor to select desired length of time.
NOTE: When using the toggle switches to change the delay time, power must be unplugged and plugged back in for the delay time to update.



2. Ensure the power supply is unplugged from 120V power. Connect the male barrel plug from the power supply to the female INPUT barrel plug on the Doppler Motion Sensor.



3. Before mounting the Doppler Motion Sensor, ensure the arrow on the device is pointed towards area where movement will occur for best detection. Using the 3M™ adhesive on the back, mount sensor to installation location, or secure with screws (not included) using the tabs on each end. Plug Power Supply into outlet. **NOTE**: The Sensor will detect motion through a single, non-metal surface 2" or less in width, such as a cabinet panel or door.