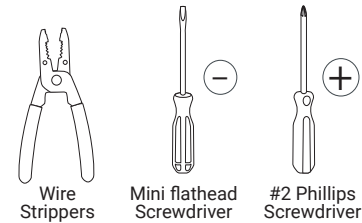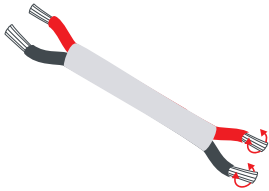3-3/4"

1-1/2"

13/16"

NOTE

- Install in accordance with NEC and local regulations.
- Maintain polarity on all connections, Red to (+V) and Black to (-V)
- Do not over tighten any screws.
- Read all instructions before installing.
- When using a hardwired power supply, system is intended for installation by a qualified electrician in accordance with the National Electrical Code (NEC) and local regulations.

Tools Needed

Wire Strippers
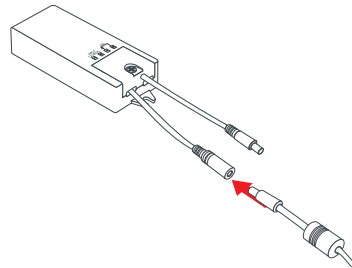
Mini flathead Screwdriver

#2 Phillips Screwdriver

NOTE: If using a plug-in power supply, follow the steps below. If installing for hardwired power input, skip to next page.
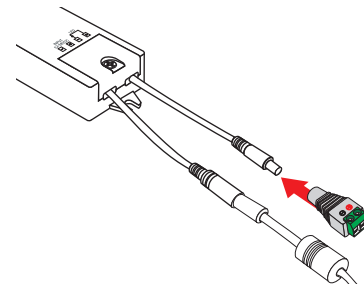
PLUG-IN OPTION

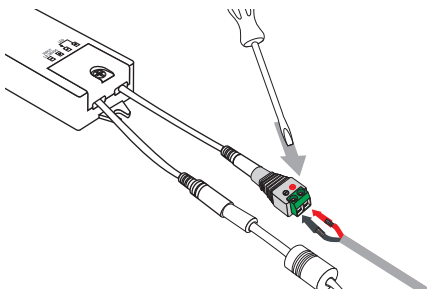**1.** Cut a length of connection wire to run from the Doppler Motion Sensor to the LED lighting location. Strip 1/4" insulation from both ends of connection wire and twist each wire.
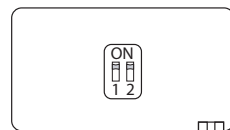
2. Ensure the power supply is unplugged from 120V power. Connect the male barrel plug from the power supply to the female INPUT barrel plug on the Doppler Motion Sensor.

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

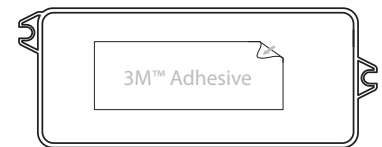| 1	2	Delay Time
on	on	60s
on	off	120s
off	on	180s
off	off	240s

3M™ Adhesive

4. Loosen terminal screws on the Female Barrel Connector. Insert one end of the wire into the terminals, Red to (+), Black to (-); tighten screws. Connect the other end of the wire to the LED lights and plug Power Supply into power source.

5. 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.
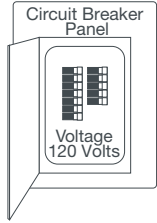**NOTE**: When using the toggle switches to change the delay time, power must be unplugged and plugged back in for the delay time to update.
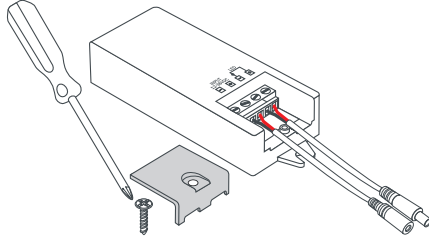
6. Mount the Doppler Motion Sensor in desired location by using the included 3M™ adhesive tape on the back of the device, or secure with screws (not included) using the tabs on each end. Plug Power Supply into outlet.
NOTE: Sensor detects motion best if arrows and text on the device are pointed at the primary area where movement will occur. The Sensor will detect motion through a single, non-metal surface 2" or less in width, such as a cabinet panel or door.
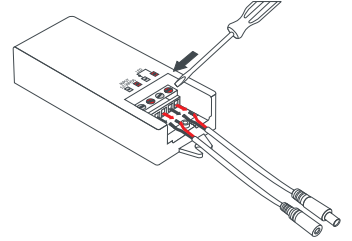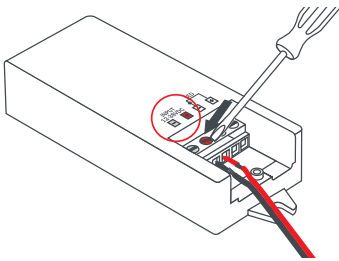
HARDWIRED OPTION

1. Turn off 120V AC power at Circuit Breaker Panel.
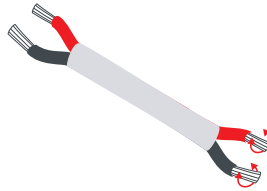

2. Use a #2 Phillips to loosen the screw and remove cover from Doppler Motion Sensor.
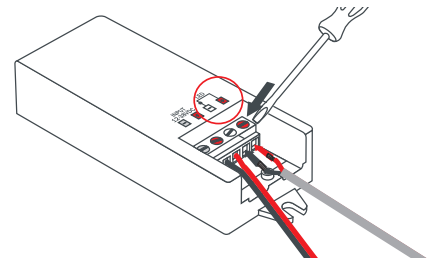

3. Use a flat blade screwdriver to loosen terminals for the Male Plug and Female Plug Connectors; remove from device.

4. From the Power Supply, insert the end of one set of stripped wires into the INPUT terminals on the Sensor, Red wire to (+) and Black wire to (-); tighten screws.

5. Cut a length of connection wire to run from the Doppler Motion Sensor to the LED light location. Strip 1/4" insulation from both ends of connection wire and twist each wire.
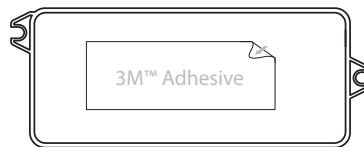

6. Insert the end of the stripped wires into the OUTPUT terminals on the Sensor, Red wire to (+) and Black wire to (-); tighten screws. Insert the other end of the wires into the LED lights.

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

7. 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.

3M™ Adhesive

8. Mount the Doppler Motion Sensor in desired location by using the included 3M™ adhesive tape on the back of the device, or secure with screws (not included) using the tabs on each end. Then turn 120V AC power back on at Circuit Breaker Panel to begin using sensor and lights. **NOTE**: Sensor detects motion best if arrows and text on the device are pointed at the primary area where movement will occur. The Sensor will detect motion through a single, non-metal surface 2" or less in width, such as a cabinet panel or door.