Step 3 cont’d

WARNING AND CAUTIONS:
• Do not touch the surface of the lens. Clean outer surface with a damp cloth only.
• All sensors must be mounted at least 6 feet away from air vents, air handlers, and reflective surfaces (windows/mirrors).
• Do not mount sensors closer than 10 feet from each other.
• Sensors must be mounted on a vibration free surface.
• If you are unsure about any part of these instructions, consult an electrician.

3. Select location for mounting of sensor and proper masking for your application

4. Using the cutters, cut a hole in the ceiling tile just large enough to pass the body of the threaded rod through.

5. Insert the threaded rod into the hole made in the ceiling tile. Secure it in place with electrical tape.

6. Make a hole in the ceiling tile or wallboard large enough to pass the wire connections through. Make sure no bare conductor shows below the wire connectors. Secure each connector with electrical tape.

C. Junction Box or Surface Mount Raceway Installation

NOTE: Listed below are suggested JUNCTION BOX installation applications which require mounting to conduit in one of the following three ways:

1. Ceiling/Basement/Under Floor: Mount in center of room/area, 8-10 ft height
2. Wallboard or Drop Ceiling: Mount in center of room/area, 8-10 ft height
3. Surface Mount: Mount in center of room/area, 8-10 ft height

If you are unsure about any part of these instructions, consult an electrician.
**OPERATION**

- **Multi-Tech Mode**: This is the default mode of operation for the sensor. It selects technology to turn lights on in the mode; however, motion detection by technology other than PIR will turn the lights on; if another technology detects motion, lights turn off after the delayed-off time.
- **Single-Tech Mode**: Only one technology is active in this mode. The technology is selected by the dip switch. Motion detection by the selected technology - PIR or ultrasonic - will turn the lights on; if another technology detects motion, the lights will turn off after the delayed-off time.

**Delayed-Off Mode**

- The sensor is designed to turn the lights off if no motion is detected after a specified time. This length of time is called the delayed-off time and is set using the timer (Black) on the sensor. The sensor will automatically reset to a 4 second delayed-off time if the Black knob is turned to the OFF position.
- **Walk-through Mode**: The sensor is designed to turn the lights off if no motion is detected after 4 seconds, then automatically exit test mode and remain in the delayed-off time setting as defined by the Black knob.
- **LED Sensor**: An LED indicator will flash when motion is detected. The LED flash can be cancelled using the delay setting. Green flash indicates motion detection by the selected technology; red flash indicates motion detection by infrared technology.

**ADAPTIVE FUNCTIONS**

- The sensor continuously analyzes the parameters of the motion detection signal and adjusts its internal operation to maximize detection of motion while minimizing the effects of noise (electrical noise, air currents, temperature changes, etc.).
- **Operation**: When the lights turn on, the sensor initially sets the “walk-through” mode. Once the room is occupied for longer than 0.5 minutes, the sensor sets the “walk-through” mode and enters the “Occupied” mode. When the sensor is first installed, the delayed-off time for the occupied mode is based on the Time adjustment settings. While the sensor is in-use, the delayed-off time is based on the occupied mode, and the sensor subsequently turns on, the value of the delayed-off time will be the selected value (refer to Occupancy Pattern Learning For Delayed Off Time).
- The adapted settings can be reset using the DIP switch.

**Occupancy Pattern Learning For Delayed Off Time**

- The sensor learns the occupancy pattern of a space during the course of a day; for a seven-day period. At any given time, the sensor will store the collected data and adjust its ultrasonic sensitivity. The sensor will adjust the sensitivity to make it less likely to turn on during periods of non-occupancy and more likely to turn on during periods of occupancy.

**SETTINGS**

- **Default Settings**: Adjustment settings as per “recommended manual settings” (refer to Table 1 and Figure 1). All switches in the OFF position, except A4 is set to ON (refer to Table 4).
- **Table 2**: A table showing the adjustment knobs settings for the sensor. The knob color is green for the ultrasonic range, black for delayed-off time, and red for the infrared range.

**PRODUCT INFORMATION**

- For technical assistance, contact us at 1-800-624-3005.
- Visit our website at www.leviton.com

**LUMIN 2 YEAR WARRANTY AND EXCLUSIONS**

Leviton warrants the original purchaser and user for the benefit of end user only that the product at the time of its sale by Leviton is free of defects in materials and workmanship. This warranty does not extend for use beyond the warranty period. These warranties are limited to repairs or replacement of defective parts and do not include any labor or service charges. If an end user is not the original purchaser, the warranty is null and void. This warranty applies only to products sold by Leviton or its authorized distributors. If the end user fails to follow the instructions or recommendations set forth in the application guide or product instruction manual, the warranty is null and void. This warranty is null and void if any part of the product is damaged due to misuse, abuse, alteration, modification, or modification by anyone other than Leviton or its authorized distributors.

This warranty does not extend to defects or failures caused by, but not limited to, installation, wiring, or misuse of the product. This warranty does not extend to defects or failures caused by the use of non-Liftonton products or components. This warranty does not extend to defects or failures caused by the use of non-Liftonton products or components. This warranty does not extend to defects or failures caused by the use of non-Liftonton products or components. This warranty does not extend to defects or failures caused by the use of non-Liftonton products or components.