

Thank you for choosing  
**LITETRONICS®**

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The information and product specifications contained in these instructions are based upon data believed to be accurate at the time of printing. This information is subject to change without notice and without incurring liability. If you have questions regarding specific product details, please contact us at 800-860-3392 or via email at [customerservice@litetronics.com](mailto:customerservice@litetronics.com). To check for an updated version of these instructions, please visit [www.litetronics.com](http://www.litetronics.com).

**LITETRONICS®**

**PIR Sensor Kit**

**Downlight**

**(SC014)**

*Installation Instructions*



**WHAT COMES IN THE BOX**

- (1) Sensor
- (1) Ceiling Trim Ring
- (1) Washer and (1) Locking Ring
- (1) Connection Cable (sensor to adapter)

**TOOLS NEEDED**

- Drill
- 1/2" hole saw
- 1-9/16" hole saw

**PRODUCT OVERVIEW**

- The sensor connects directly to the BCM02 (sold separately) using the connection cable.
- The BCM02 (sold separately) connects to the fixture's driver (12V AUX and 0-10V DIM).
- The sensor sends occupancy and daylight signals through the adapter to dim or switch the light automatically.

**SAFETY INSTRUCTIONS AND WARNINGS**

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED. READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Litetronics fixtures must be wired in accordance with the National Electrical Code and all applicable local codes.

Risk of fire or electric shock. If not qualified, do not attempt installation. Contact a qualified electrician.

Be certain electrical power is OFF before and during installation and maintenance.

Make sure the supply voltage is the same as the rated luminaire voltage.



LiteSmart\* offers complete control over your fixtures; includes occupancy sensing, daylight harvesting, dimming, grouping, time schedule programming and scene creation.

LiteSmart is available in the app store for download to either IOS or Android devices.



These Bluetooth control and switches offer control of your fixtures wirelessly.

\* A detailed user guide for LiteSmart can be viewed or downloaded from [www.litetronics.com/resources/downloads/litesmart-mobile-app-user-guide](http://www.litetronics.com/resources/downloads/litesmart-mobile-app-user-guide)

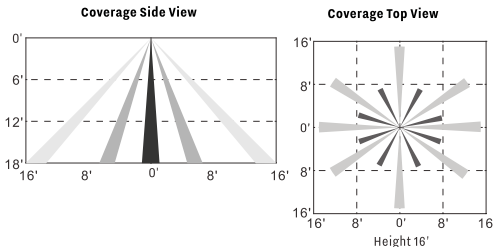
## ATTENTION

1. Please check if there is any damage during shipping. If so, please contact Litetronics customer service.
2. Please read the installation instruction carefully to check whether all the accessories are included.
3. After confirmation, install the SC014 kit according to installation steps.

## INSTALLATION PROCEDURE

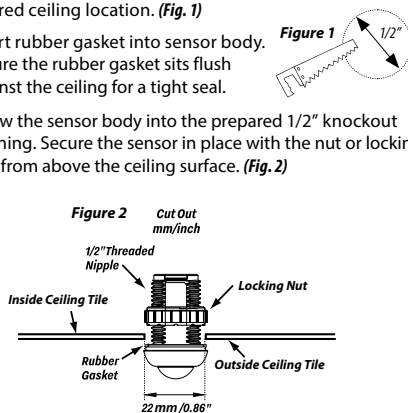
### PREPARATION

1. Turn off power at the circuit breaker before beginning installation.
2. Determine mounting location for the sensor in the ceiling near the downlight.



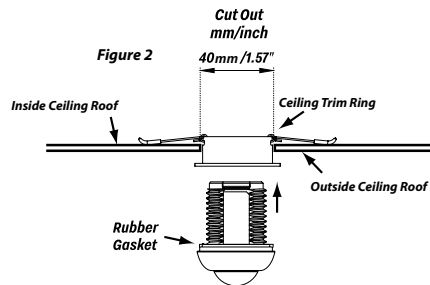
### A. CEILING TILE SENSOR INSTALLATION

1. Drill a 1/2" knockout hole with the help of a hole saw in the desired ceiling location. (Fig. 1)
2. Insert rubber gasket into sensor body. Ensure the rubber gasket sits flush against the ceiling for a tight seal. (Fig. 1)
3. Screw the sensor body into the prepared 1/2" knockout opening. Secure the sensor in place with the nut or locking ring from above the ceiling surface. (Fig. 2)



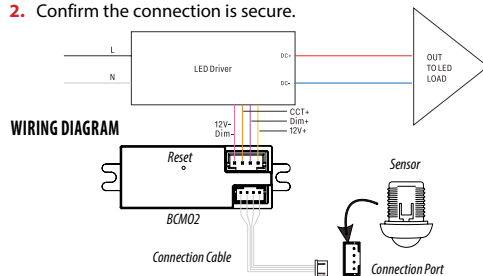
### B. DRYWALL MOUNTING

1. Drill a 1-9/16" knockout hole with the help of a hole saw in the desired ceiling location. (Fig. 1)
2. Insert rubber gasket into sensor body. Ensure the rubber gasket sits flush against the ceiling trim ring for a tight seal. (Fig. 1)
3. Install and secure the ceiling trim ring into the prepared 1-9/16" knockout opening. Screw and secure the sensor in place with the nut or locking ring from below ceiling trim ring. (Fig. 2)



### CONNECTING TO BCM02 CONTROL MODULE

1. Using the connection cable, connect the sensor port until it clicks into place. Then connect the other end of the connection cable to the BCM02 control module.
2. Confirm the connection is secure.



3. Restore power.