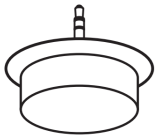

LITETRONICS SC006 Microwave PIR Sensor Instruction Manual

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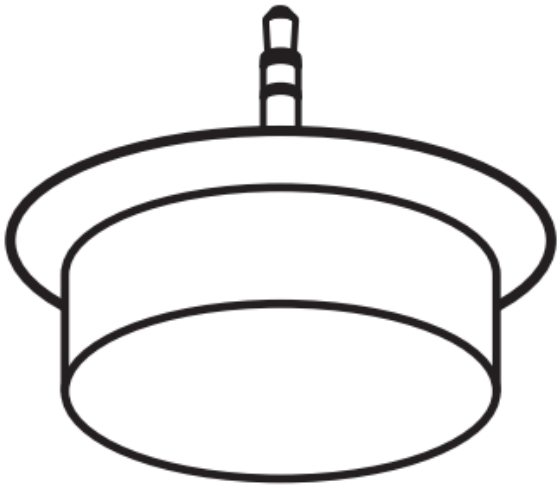
LITETRONICS SC006 Microwave PIR Sensor



Product Information

The Plug-in Microwave Sensor (SC006) is designed for use on Litetronics high bay fixtures, specifically the HBC and LHB Series. It offers multi-level control over occupancy sensing and daylight harvesting functionality. The sensor can be adjusted using a remote control (part number SCR053, sold separately) to customize the fixture settings.

Installation Instructions

1. Before installation, ensure that power to the fixture is switched off.
2. Unscrew and remove the sensor port plug on the high bay fixture.
3. Plug the SC006 sensor into the port on the high bay fixture.
4. Gently screw in the sensor to secure it in place.
5. Restore power to the fixture.

Operation

- **Warm-up time:** When the sensor is connected to power for the first time, the light will display full power for 15 seconds before reverting back to the current settings.
- **Default settings:** The default settings for the SC006 sensor are as follows:
  - **Sensitivity:** 100%
  - **Hold time:** 5 minutes
  - **Daylight sensor:** OFF
  - **Dimming level:** 30%
  - **Dimming time:** 60 minutes
- **Setting adjustments:** When settings are changed using the remote control, the fixture will flash ON/OFF to confirm the changes.

Remote Control

The SC006 sensor can be conveniently adjusted using a remote control (part number SCR053). The following settings can be modified:

- Brightness

- Sensitivity
- Hold time
- Daylight harvesting
- Stand-by dimming

Occupancy Sensing

The occupancy sensor monitors motion in a space and automatically adjusts the fixture's operation based on set parameters. When the space is occupied and regular motion is detected, the fixtures maintain the set parameters. Once the space is empty and no motion is detected, the fixture will maintain the current light level based on the set hold time. After the hold time has elapsed, the fixture can either power down completely or dim to a lower level based on the set stand-by dim level. The stand-by dim level will continue for the set time specified under stand-by dim time and then power off completely.

Sensor Coverage

- The SC006 sensor has a built-in photocell that detects the level of ambient light in the space. It adjusts the fixture output based on the set parameters.
- Please note that the information and product specifications provided in these instructions are believed to be accurate at the time of printing. However, they are subject to change without notice. For the latest instructions or any further inquiries, please contact Litetronics at 800-860-3392 or via email at customerservice@litetronics.com. You can also visit their website at **www.litetronics.com**.
  Date of user manual/instructions: 9/29/23 – Version 1.2

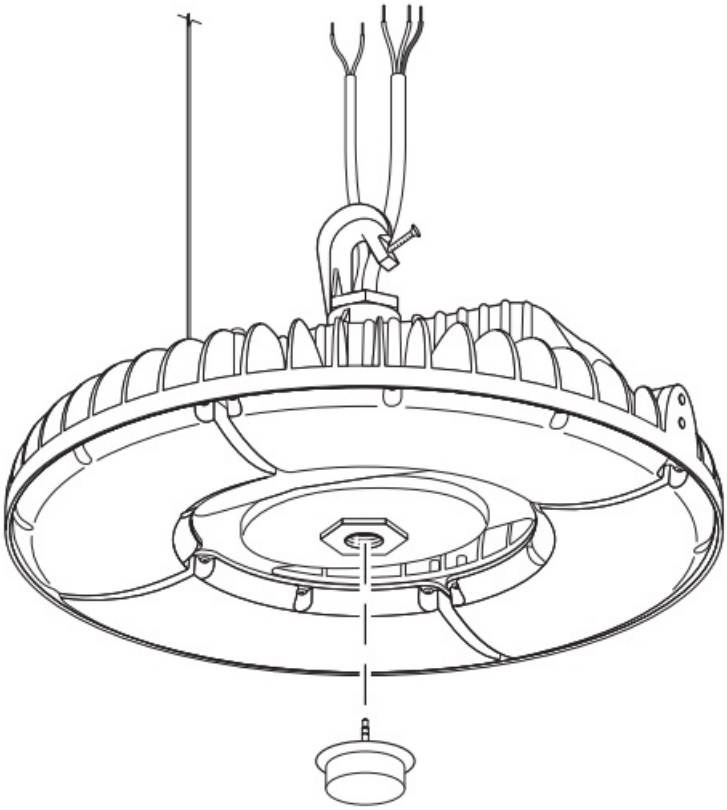
INTRODUCTION

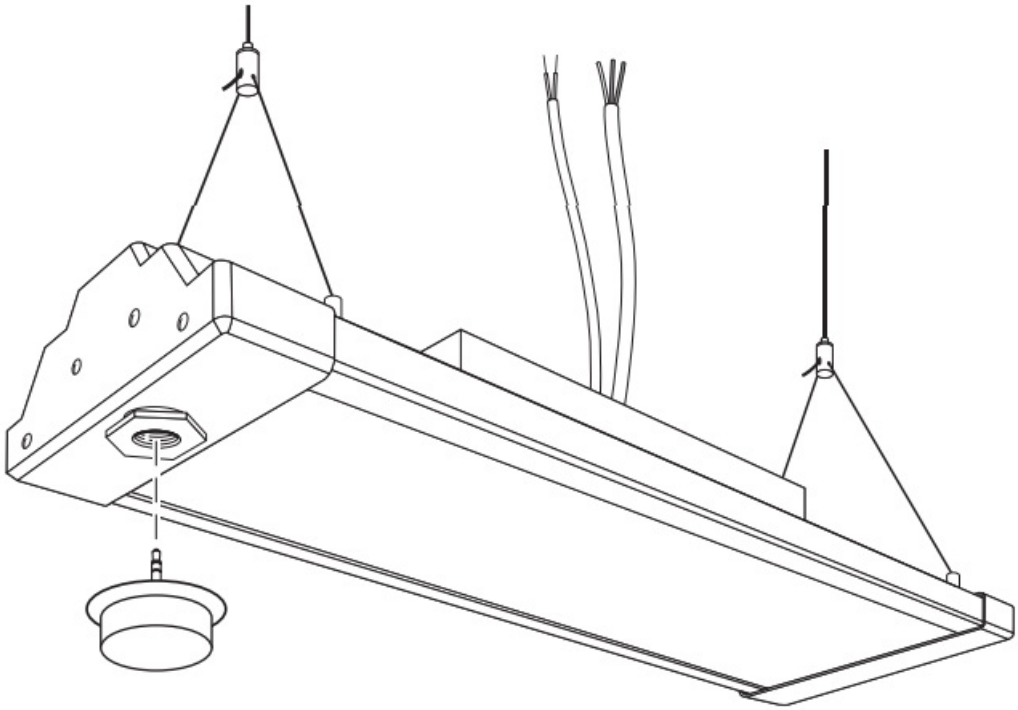
The SC006 is a microwave sensor intended for use on Litetronics high bay fixtures (HBC and LHB Series). It provides multi-level control over occupancy sensing and daylight harvesting functionality. Adjustment to fixture settings can be controlled via remote control, part number SCR053 (sold seperately).

INSTALLATION

Installing the SC006 sensor onto the HBC or LHB series high bay is quick and simple.

- First, shut off power
- Unscrew and remove the sensor port plug
- Plug sensor into port on high bay and gently screw in to secure
- Restore power





OPERATION

- **Warm-up time**: After the sensor connects to input power for the first time, the light will display full power for 15 seconds, then revert back to current settings.
- **Default settings:** 100% sensitivity | 5 min. hold time | Daylight sensor is OFF | Dimming level is 30% | Dimming time is 60 minutes.
- **Setting adjustments:** When settings are changed via remote control, the fixture will flash ON/OFF to confirm.

OCCUPANCY SENSING

Occupancy sensor will monitor motion in a space and make automatic adjustments in operation based on set parameters.

- When the space is occupied and regular motion detected, the fixtures maintain set parameters.
- Once space is empty and no motion is detected, the fixture will maintain the current light level based on set HOLD TIME.
- Once HOLD TIME has elapsed, the fixture can power down completely or dim to a lower level based on set STAND-BY DIM level. The level specified under STAND-BY DIM time will continue for set time based on STAND-BY TIME setting, then will power off completely.

DAYLIGHT SENSOR

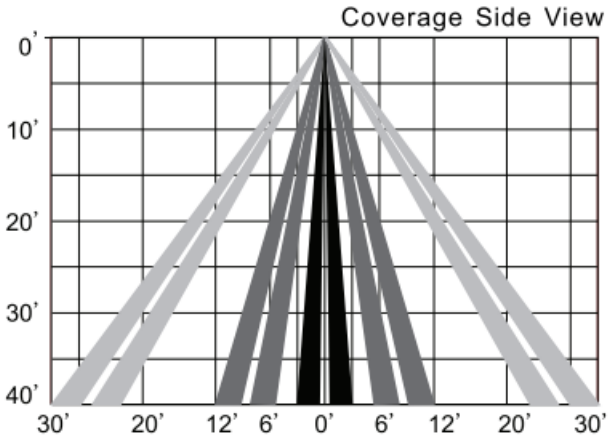
The built-in photocell will detect the level of ambient light in the space and adjust the fixture output based on set parameters.

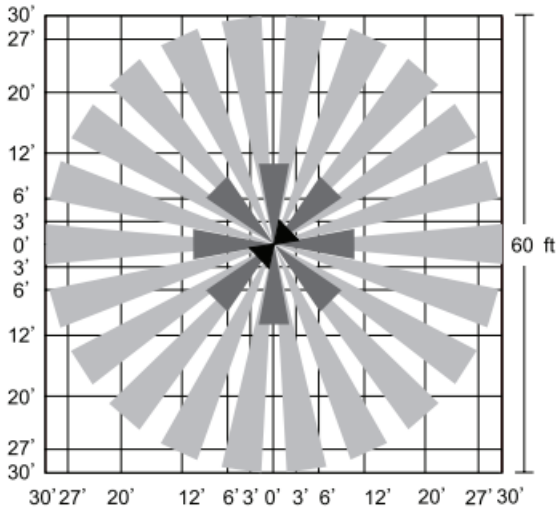
REMOTE CONTROL

Settings for the SC006 can be conveniently adjusted using a remote control (part number SCR053). Settings include:

- Brightness
- Sensitivity
- Hold time
- Daylight harvesting
- Stand-by dimming

SENSOR COVERAGE





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Documents / Resources

	[LITETRONICS SC006 Microwave PIR Sensor](#) [pdf] Instruction Manual SC006 Microwave PIR Sensor, SC006, Microwave PIR Sensor, PIR Sensor, Sensor

References

- [Commercial Lighting Company | LED Lighting Solutions](#)