



LITETRONICS SC008 Plug-in Bluetooth PIR Sensor with IR for HBC Instruction Manual

[Home](#) » [Litetronics](#) » LITETRONICS SC008 Plug-in Bluetooth PIR Sensor with IR for HBC Instruction Manual 

Contents

- 1 LITETRONICS SC008 Plug-in Bluetooth PIR Sensor with IR for HBC
- 2 Product Information
- 3 Product Usage Instructions
- 4 APP
- 5 INSTALLATION
- 6 SENSOR COVERAGE
- 7 OPERATION
- 8 TROUBLE SHOOTING
- 9 Documents / Resources
 - 9.1 References

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LITETRONICS SC008 Plug-in Bluetooth PIR Sensor with IR for HBC



Product Information

The Plug-in Bluetooth PIR Sensor with IR for HBC/LHB (SC008) is a sensor designed for use with Litetronics high bay fixtures, specifically the HBC and LHB Series. This sensor enables wireless control of fixtures or groups of fixtures through the LiteSmart mobile app. It offers complete control over your fixtures, including occupancy sensing, daylight harvesting, dimming, grouping, time schedule programming, and scene creation. The sensor can be controlled remotely via Bluetooth and comes with default settings for various parameters.

Product Usage Instructions

1. Before installation, ensure that the power to the high bay fixtures is turned off.
2. Unscrew and remove the sensor port plug on the high bay fixture.
3. Plug the SC008 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 high bay fixtures.

APP

The SC008 is a plug-in PIR sensor intended for use on Litetronics high bay fixtures; HBC and LHB Series. This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app.

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.



This bluetooth switch offers control of your fixture from a remote location. Bluetooth Control Switch – Available for

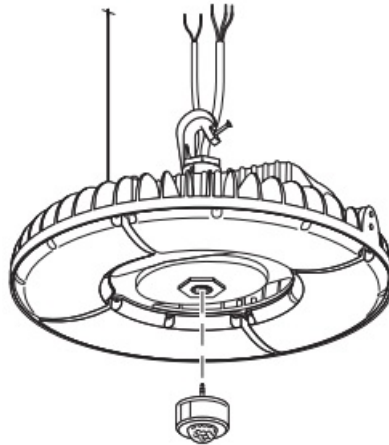
purchase from Litetronics under part # BCS01.



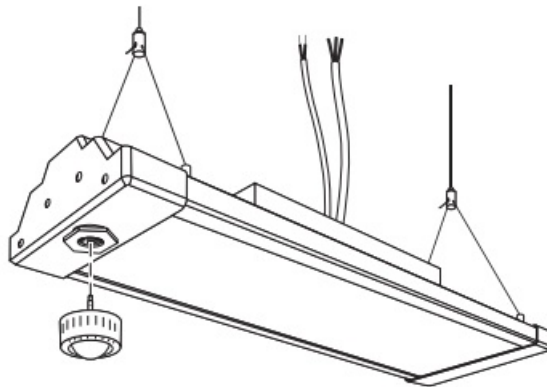
INSTALLATION

Installing the SC008 sensor onto the HBC or LHB series high bay is quick and simple.

- First, shut off power.

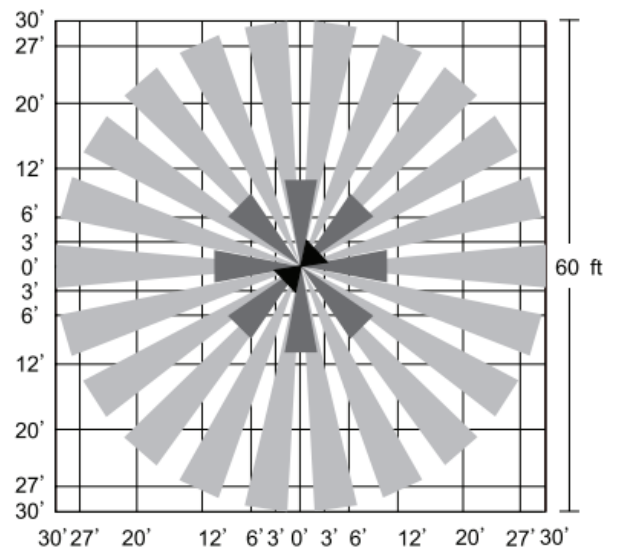
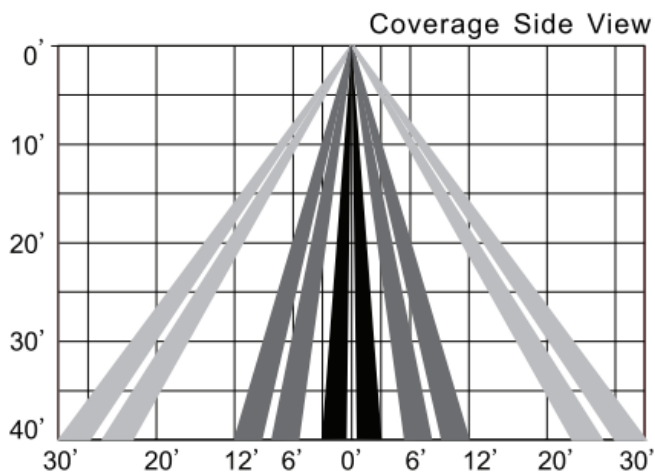


- Unscrew and remove the sensor port plug.
- Plug sensor into port on high bay and gently screw in to secure.



- Restore power.

SENSOR COVERAGE



SENSOR DEFAULT SETTINGS

- **ON/OFF:** On
- **1ST TIME DELAY:** 20 minutes
- **2ND TIME DELAY:** 1 minute
- **DIM LEVEL %:** 50%

OPERATION

- **Warm-up time:** After the sensor connects to input power for the first time, the light will display full power for 40 seconds, then revert to default settings.
- **Setting adjustments:** When settings are changed via mobile app, the fixture will flash ON/OFF to confirm.

OCCUPANCY SENSING

The occupancy sensor will monitor motion in a space and make automatic adjustments based on the 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 the 1ST TIME DELAY.
- Once the 1ST TIME DELAY has elapsed, the fixture can power down completely or dim to a lower level based on the DIM LEVEL %. The level specified under DIM LEVEL % time will continue for set time based on 2ND TIME DELAY 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.

LEARN MORE

To learn more about commissioning your fixtures via LiteSmart, visit [Litetronics.com](https://www.litetronics.com)

TROUBLE SHOOTING

Reset Lights

If LiteSmart is having trouble recognizing sensors/fixtures, you can try the following reset procedure.

Keep in mind...

- Lights will become unresponsive and will not respond to discovery if they were added to a project with a different QR Code or the QR Code used to configure them is no longer available
- Resetting lights deletes all the configuration and restores factory default settings
- Avoid having to reset lights by deleting them from a project on the mobile app while they are online. When lights are deleted using the app, they will be restored to factory settings and the configuration erased so they will be ready to add to a new project (My Zones).


Reset a sensor manually by powering on and off the light seven times in a specific pattern. See steps below:

- Power OFF and wait for 10 seconds or more
- Power ON and then OFF immediately after the light turns on, and leave off for 10 seconds
- Power ON and then OFF immediately, and leave for 10 seconds
- Power ON and then OFF immediately, and leave off for 10 seconds
- Power ON and wait for 8 seconds, then power OFF and wait for 10 seconds
- Power ON and wait for 8 seconds, then power OFF and wait for 10 seconds
- Power ON and the light will blink 3 times to indicate it has been reset. Lights that have been successfully reset will be restored to factory settings; all settings will be erased and they are open for discovery.

Sensor reset can be done from remote SCR054 sold separately.

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. Please contact us at 800-860-3392 or via email at customerservice@litetronics.com. For the latest instructions, please visit www.litetronics.com.

Documents / Resources

	LITETRONICS SC008 Plug-in Bluetooth PIR Sensor with IR for HBC [pdf] Instruction Manual HBC Series, LHB Series, SC008 Plug-in Bluetooth PIR Sensor with IR for HBC, Plug-in Bluetooth PIR Sensor with IR for HBC, PIR Sensor with IR for HBC, IR for HBC, HBC
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References

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