

## PIR Sensor Kit (HBSAS40) for LED High Bay SL

### Installation Instructions



### SAFETY INSTRUCTIONS AND WARNINGS

- When using electrical equipment, basic safety precautions should always be observed
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant local building codes.
- Be certain electrical power is OFF before and during installation and maintenance.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects.

### WHAT COMES IN THE BOX

The following parts are included:

- (1) Sensor assembled with mounting bracket
- (2) PM4\* 10mm screws with washers and
- (3) Waterproof wire nuts
- (1) Installation guide

### INSTRUCTIONS

Before installation, carefully remove all parts from the packaging. Inspect product for defects due to shipping.

1. Find the two mounting holes on the side of the fixture
2. Attach the sensor plate to the fixture using the included PM4\* 10mm screws and washers. Slide for best positioning, then tighten screws to lock in place.
3. Connect the sensor to the fixture's 0-10V dimming wires (purple & gray) and 12Vdc wire (black) with the 3 waterproof wires nuts.
4. See below for the finished look.
5. See back side for sensor functionality.



1



2



3



The HBSAS40 is a PIR sensor intended for use on Litetronics High Bay SL (HBS Series). It provides multi-level control over occupancy sensing and daylight harvesting functionality. Adjustment to sensor settings can be controlled via remote control, part number SCR053 (sold separately).

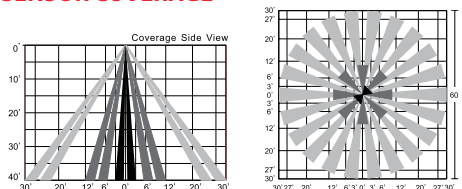
## OPERATION

**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 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.

## SENSOR COVERAGE



## 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 at 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 SC005 can be conveniently adjusted using a remote control (part number SCR053).

Settings include:

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



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](mailto:customerservice@litetronics.com). For the latest instructions, please visit [www.litetronics.com](http://www.litetronics.com).