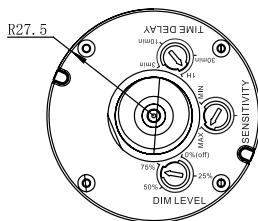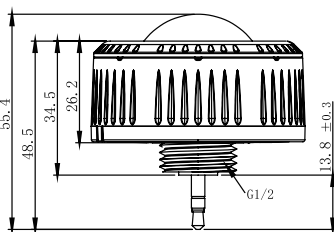# Motion Sensor
## Bi-level PIR Sensor for IRHS Series

IRH-MOT (Sensor)

## INTRODUCTION

The IRH-MOT mounts in an lighting fixture and provides multi-level control based on motion. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via knobs or by remote control.

## SPECIFICATIONS

| | |
|---|---|
| Power supply | 12V DC, >30mA |
| Dim control output | 0-10V, max. 25mA sinking current |
| Detection radius | 1-8m |
| Mounting height | Max 40ft. (12meters) |
| Time delay | 3 min / 10 min / 30 min / 1 hour |
| Temperature | -4°F ~ +140°F (-20°C ~ +60°C) |
| IP rating | IP65 |

### ⚠ WARNING

**NOTE:** Warm up time is 40seconds. After the sensor connects input power first time, the light will keep on 40 seconds, then go to dimming to work normally.

**NOTE:** Factory Default Setting: Sensitivity is "MAX", Time delay is 3min, Dim level is 0%.

**NOTE:** Any setting changed by knobs.

**NOTE:** Do not insert or remove the sensor when the Fixture is powered on.

## Functions and Options

It offers 2 levels of the light Control: 100%--dimming level (0,25%,50%, 75%); Selectable time delay, adjustable detection area.
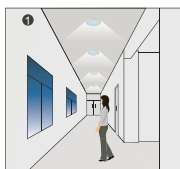
1. Plug in and turn on the LED lamp, lamp is at 100% brightness

2. After warm up time.lamp will be illuminated at 0-75% brightness, depending on your preset DIM LEVEL (0/25%/50%/75%).

3. If motion is detected, lamp will stay turned on at 100% brightness.

4. Wait for preset TIME DELAY (3 minutes /10 minutes/30 minutes/1 hour).
   a. If no motion is detected, lamp will be turned down to 0-75% brightness, depending on your preset brightness level (0/25%/50%/75%).
   b. If motion is detected, lamp will stay turned on at 100% brightness.

Atlas Lighting Products provides a limited warranty for all products.
A full warranty can be found at www.alpinc.com.

For information regarding replacement parts please write to:
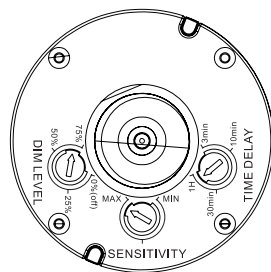**Atlas Lighting Products, Inc. • Attn: Customer Service Department • PO Box 2348 • Burlington, NC 27216**

# Motion Sensor
## Bi-level PIR Sensor for IRHS Series



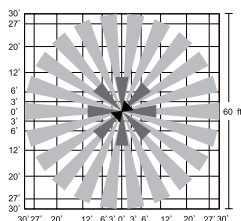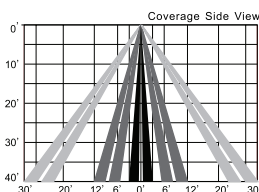The light switches on at 100% when there is movement detected.

The light dims to DIM LEVEL(75%/50%/25% /0%) after the TIME DELAY.

## OPERATION

1.) SENSITIVITY: Adjust detection range. Turn clockwise to increase it and turn anti-clockwise to decrease it. It is 1m when turn to "MIN", and it is 8m when turn to"MAX".

2.) TIME DELAY: Hold time (Time from light trigger until no motion is detected) Set time duration until sensor triggers standby light level (3 minutes /10 minutes/ 30 minutes/1 hour).

3.) DIM LEVEL: Set standby dimming level to 0/25%/50%/75% of full light output. Setting the "DIM LEVEL" at 0% means light full off during vacancy.



## SENSOR COVERAGE



Atlas Lighting Products provides a limited warranty for all products.
A full warranty can be found at www.alpinc.com.

For information regarding replacement parts please write to:
**Atlas Lighting Products, Inc. • Attn: Customer Service Department • PO Box 2348 • Burlington, NC 27216**

240-IRHS-M