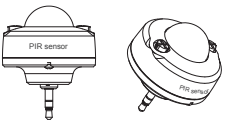
INSTRUCTIONS

PIR INFRARED SENSOR FOR HID REPLACEMENT LAMPS

RAB Lighting is committed to creating high-quality, affordable,well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com.

SPIR-S



IMPORTANT

READ CAREFULLY BEFORE INSTALLING ACCESSORY. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Caution:

1. Operating temperature: -20~35 ℃ (-4~95 ℉)
2. Not suitable for enclosed metal luminaire
3. One module per one lamp
4. Set the brightness and hold time prior to installation
5. Not of use in High ambient temperature applications
6. 5 Year Warranty

Operation instruction

The **Hold Time** knob controls how long the light will stay on at 100% brightness after movement is detected.
The **Brightness** knob controls the brightness of the light if no movement is detected after the set time.
Step 1: Adjust brightness knob and hold time knob *(fig.1)* to the desired setting first.
(Take 20% brightness and 30s hold time as an example)
Step 2: Turn off the power to the circuit before installation, then plug the sensor into the lamp. *(fig.2)*
Step 3: Turn power back on to the lamps, the lamps should turn on immediately to 100% brightness and will remain on while the sensor warms up. It will take approximately 20 seconds.
Step 4: After 20s, the lamps will dim down to 20% brightness. If the Sensor dectects any movement, the lamp brightness will go back to 100%.
Step 5: The lamp will continue to burn at 100% brightness during the next 30s. If no motion is detected after a 30s period the lamp brightness will dim down to 20%.

Other brightness and hold time options are available

Fig: 1
Brightness/Hold time

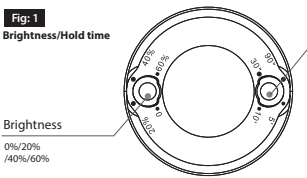
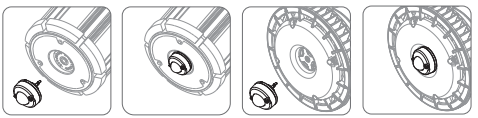
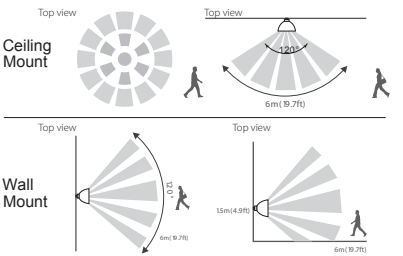


Fig: 2 **Plug in the module**



Signal detection diagram



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