

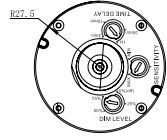
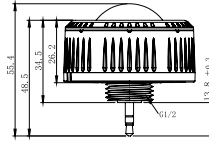
■ Bi-level PIR Sensor For High Bay Light ANT-6-4T-GRL Instruction



ANT-6-4T-GRL(Sensor)



RC-100
(OPTIONAL)



INTRODUCTION

The ANT-6-4T-GRL mounts in an outdoor 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) Min 20ft. (6meters)
Time delay	3min/10min/30min/1hour
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 40seconds, 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 or by Remote Control.
- 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.

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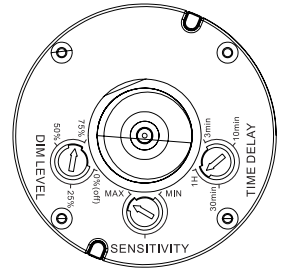
The light switches on at 100% when there is movement detected.



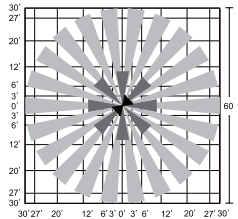
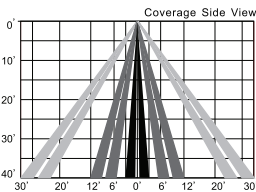
The light dims to DIM LEVEL (75%/50%/25%/0%) after the TIME DELAY.

OPERATION

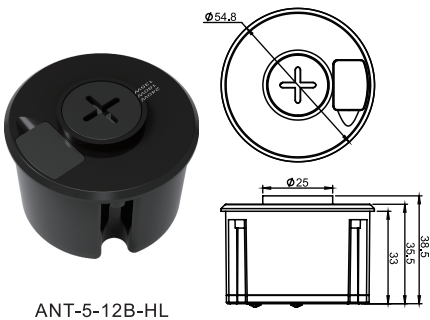
- ① SENSITIVITY: Adjust detection range. Turn clockwise to increase it and turn anti-clockwise to decrease it. It is 1m when turn to "MIN", and it is 8m when turn to "MAX".
- ② TIME DELAY: Hold time (Time from light trigger until no motion is detected) Set time duration until sensor triggers standby 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.



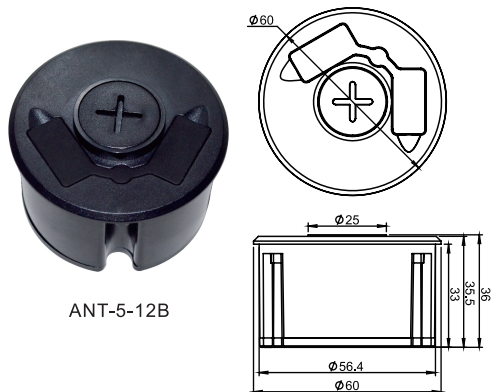
SENSOR COVERAGE



RECEPTACLE(OPTIONAL)



ANT-5-12B-HL



ANT-5-12B