



ANT-6-4T-GRL

INTRODUCTION

The ANT-6-4T-GRL sensor provides multi-level control based on occupancy / movement. The “OC” sensor controls 0-10 VDC LED drivers and is rated for wet locations (IP65). All sensor parameters (Time delay-Sensitivity-Dim Level) are adjustable by turning the 3 buttons with arrows to the desired level.

SPECIFICATIONS

Power supply	12V–24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Dim control output	0-10V
Detection radius	1-8m
Mounting height	Max 40ft. (12meters)
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 75%.

NOTE: Any setting changed by knobs.

Functions and Options:

The OC sensor option offers 2 levels of light control: 100% to dimming level (0, 25%, 50%, 75%); Selectable time delay, adjustable detection area.

1. Plug in and energize the luminaire, the fixture is at 100% brightness
2. After warm up time, fixture will be illuminated at 0-75% brightness, depending on you preset DIM LEVEL (0/25%/50%/75%).
3. If motion is detected, the fixture will stay illuminated at 100% brightness.
4. Wait for preset TIME DELAY (3 minutes/10 minutes/30 minutes/1 hour).
 - a. If no motion is detected, the fixture will dim down to selected brightness depending on your preset brightness level (0/25%/50%/75%).
 - b. If motion is detected, the fixture will stay on at 100% brightness.



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 the detection range and turn anti-clockwise to decrease the detection range. Range is 1m (+3') when set to “MIN” and 8m (+26') when set to “MAX”
2. **TIME DELAY:** Hold time – (Time from light trigger until no motion is detected) Set time delay 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 is OFF during vacancy of sensor coverage.

SENSOR COVERAGE

