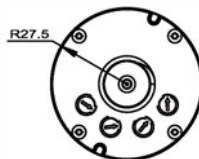
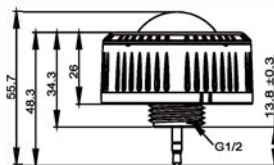




ANT-6-4T-KN(Sensor)



RC-100
(OPTIONAL)



INTRODUCTION

The ANT-6-4T-KN 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	12-24VDC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Detection radius	1-8m
Mounting height	Max 40ft.(12meters)
Hold time	3min/5min/10min/15min
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 50% (set dial halfway between MIN and MAX), Time delay is "10min", Dim level is "50%", Daylight is "LOW".

NOTE: Any setting changed by knobs or by Remote Control.

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

SMART PHOTOCELL FUNCTION



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



The light dims to stand-by level after the hold-time.



The light remains in dimming level at night.

Settings on this demonstration:

Hold-time: 10min

Setpoint on: 50lux

Setpoint off: 500lux

Stand-by Dim: 10%

Stand-by period: +∞

(when the smart photocell sensor open, the stand-by time is only +∞)

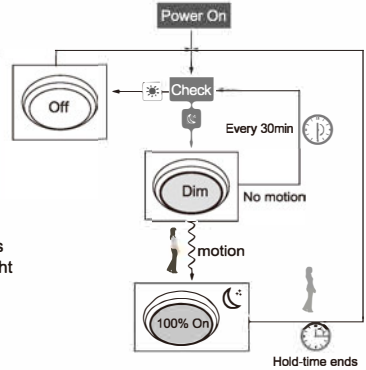
① → ③ goes in cycle at night...
100% on when movement detected, and dims to 10% in long absence.



When the natural light level exceeds setpoint off to light, the light will turn off even if when the space is occupied.

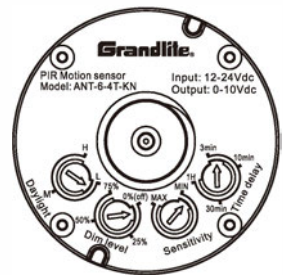


The light automatically turns on at 10% when natural light is insufficient (no motion).



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.
- ④ **Daylight:** adjust daylight.
L=LOW means 10lux in, 100lux out;
M=MEDIUM means 30lux in, 300lux out;
H=HIGH means 50lux in, 500lux out;



SENSOR COVERAGE

