



SALSIFY ANT-5-4T Bi-Level Microwave Motion Sensor for High Bay Light Instructions

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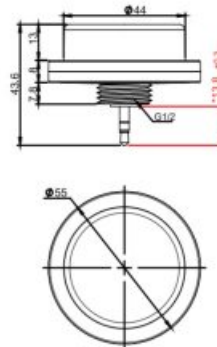
ANT-5-4T Bi-Level Microwave Motion Sensor for High Bay Light Instructions



ANT-5-4T



RC-100



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INTRODUCTION

The ANT-5-4T is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body.

The sensors use microwave sensing technology that reacts to changes in movement within the coverage area.

Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is desired. Sensors must directly “see” the motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor’s line of sight.

SPECIFICATIONS

Power supply	12V-24V DC, >50mA
Dim control output	0-10V, max. 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 40ft.(12meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F — +140°F (-20°C — +60°C)
IP rating	IP65



WARNING

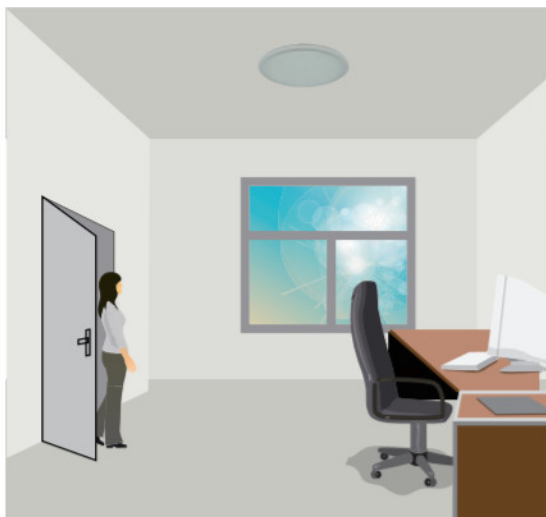
NOTE: Warm-up time is 15seconds. After the sensor connects the input to power the first time, the light will keep on 15seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is Q, Dimming level:30%, Dimming time: 30minutues.

NOTE: Any setting changed by remote control, the led light that the sensor connects will be on/off as confirmed.

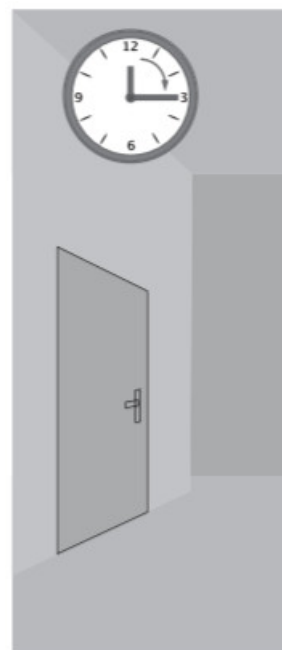
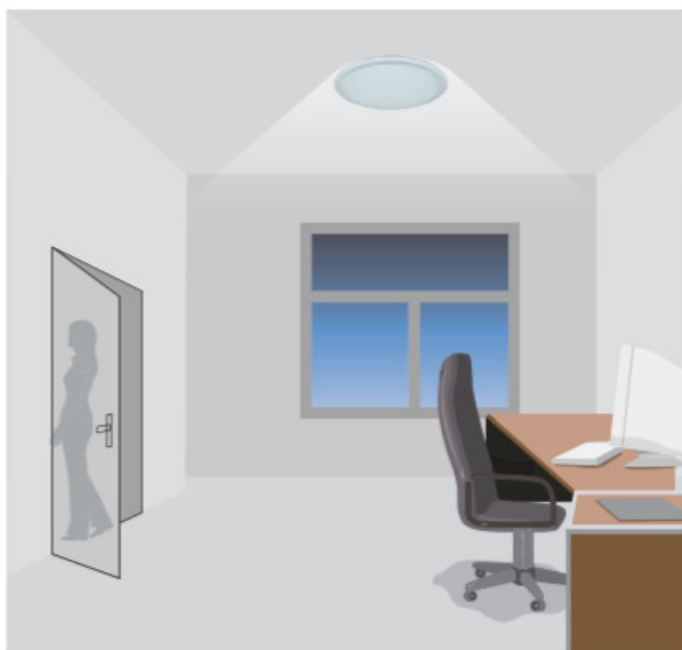
CORRIDOR FUNCTION

This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%—>dimmed light (natural light is insufficient) —>off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence is detected.

With insufficient natural light, the light switches on when presence is detected.

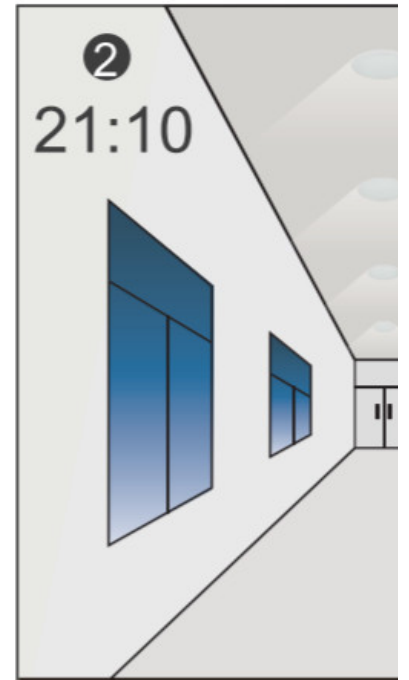


After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

Light switches off automatically after a set time.

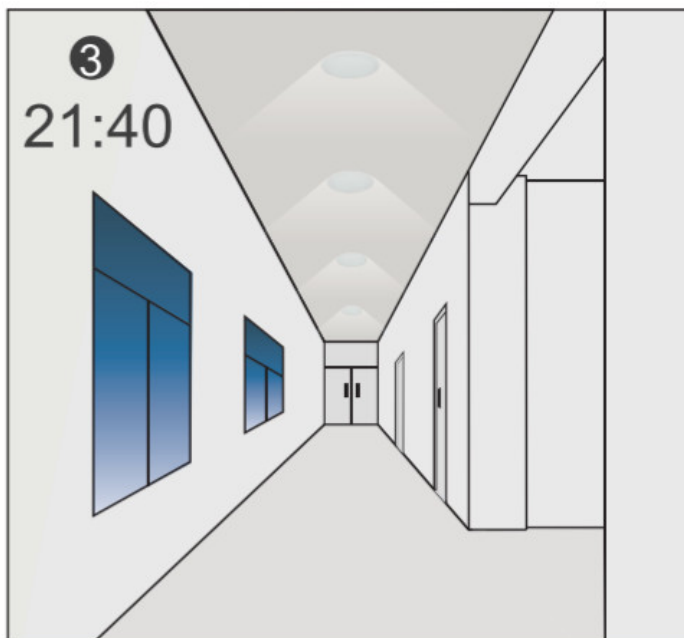
DAYLIGHT SENSOR FUNCTION

Open the daylight sensor by pushing  when the remote control is in setting condition.



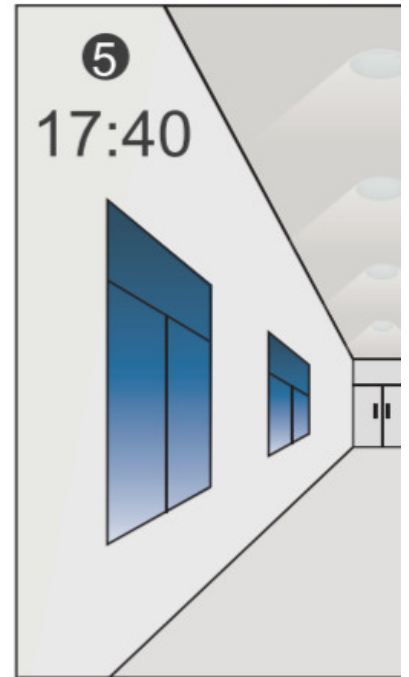
The light switches on at 100% when there is movement detected.

The light dims to stand-by level a



1 ⇌ 3 goes
at night ...
100% on when
detected, and
in long absence

The light remains at a dimming level at night.



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

The light automatically turns on at a sufficient level (no motion).

Settings on this demonstration:

Hold-time: 30min

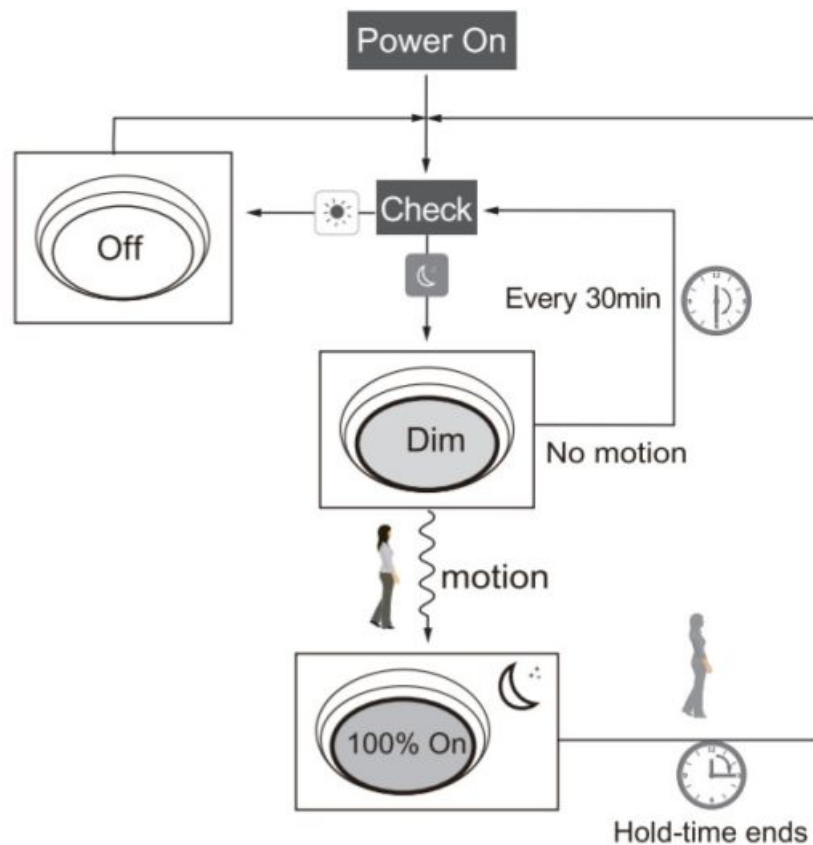
Setpoint on: 50lux

Setpoint off: 300lux

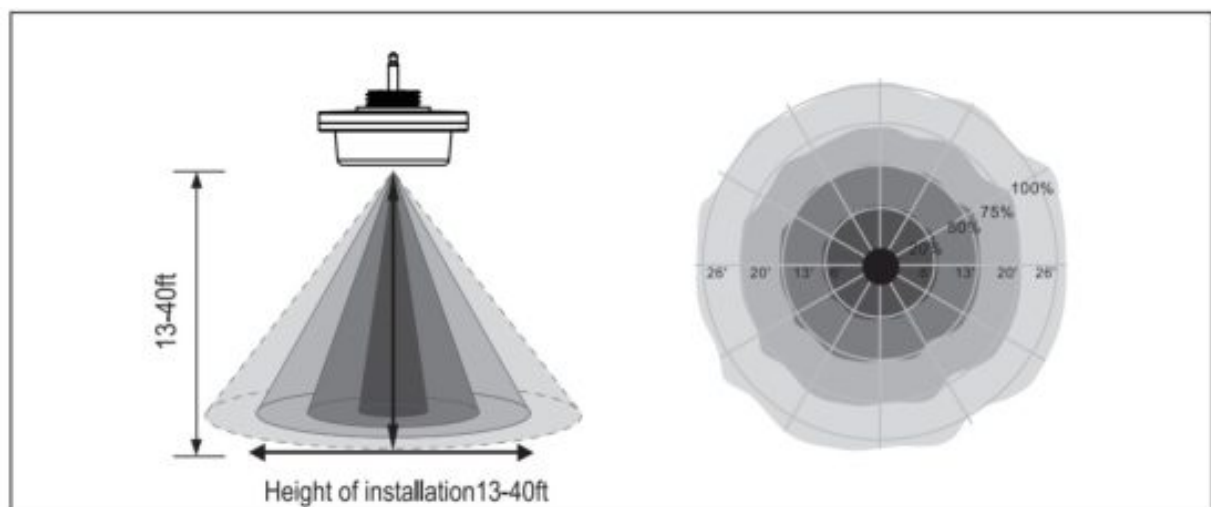
Stand-by Dim: 10%

Stand-by period: +∞

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



SENSOR COVERAGE



Documents / Resources

	<p>SALSIFY ANT-5-4T Bi-Level Microwave Motion Sensor for High Bay Light [pdf] Instructions ALB087, ANT-5-4T Bi-Level Microwave Motion Sensor for High Bay Light, ANT-5-4T, Bi-Level Microwave Motion Sensor for High Bay Light</p>
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