

## LOC-ANT-5-4T

### Microwave Motion Sensor



#### FEATURES

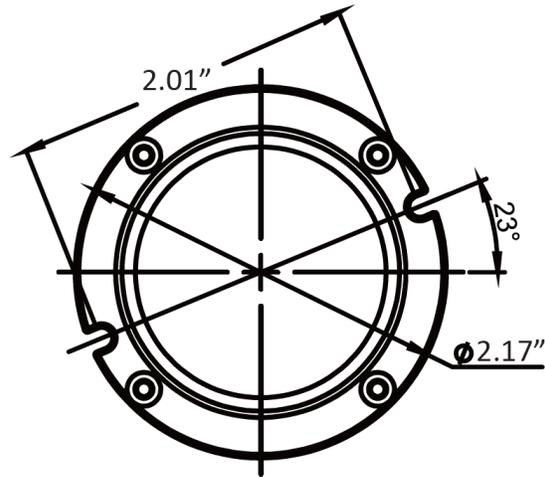
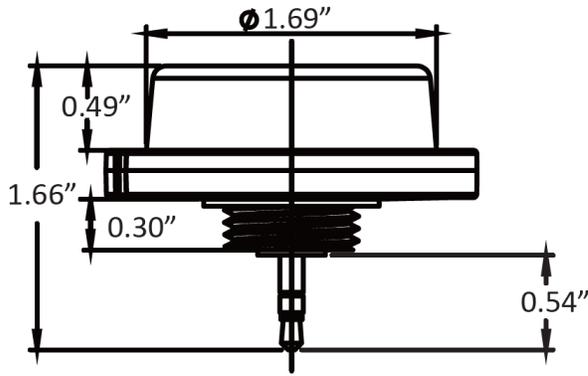
- Dims lighting from high to low based on movement
- Uses microwave sensing technology that reacts to changes in movement within the coverage area
- Sensors must directly “see” motion of a person or moving object to detect them.

POWER SUPPLY	12V-24V DC, >50mA
DIM CONTROL OUTPUT	0-10V
HF SYSTEM	5.8GHz +/- 75MHz
TRANSMISSION POWER	<0.2Mw
DETECTION RADIUS	20% / 50% / 75% / 100% (1-8m)
MOUNTING HEIGHT	Max. 50ft (15m)
TIME SETTING	10s / 1min / 5min / 10min / 15min / 20min / 30min / 60min
LIGHT CONTROL	24H / 10Lux / 30Lux / 50Lux
IP RATING	IP65
TEMPERATURE	-20°C - 60°C (-4°F - 140°F)

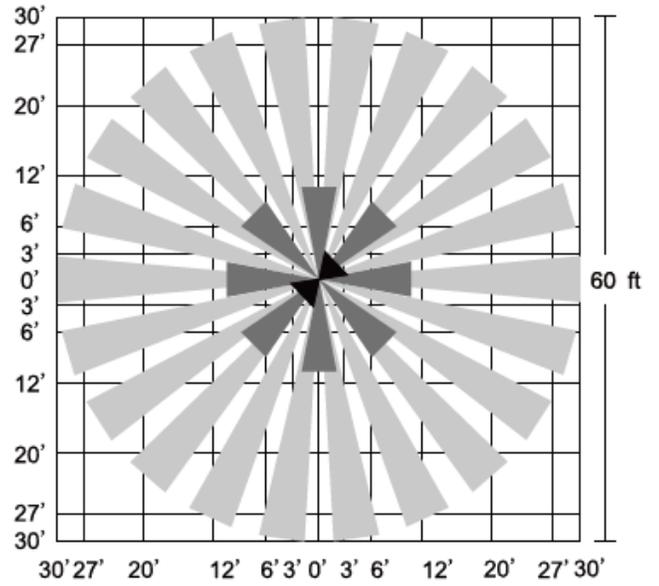
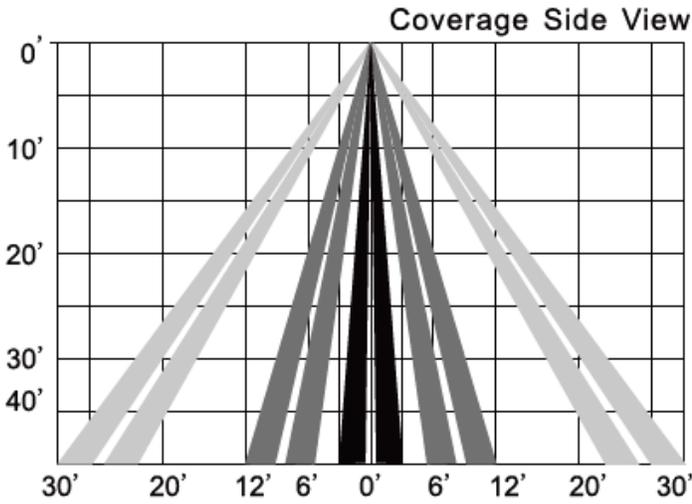
## WARNING

- **NOTE:** Warm up time is 15 seconds. After the sensor connects input power the first time, the light will keep on 15 seconds and then turn to dimming to work normally.
- **NOTE:** Factory Default Setting: 100% sensitivity
  - Hold On Time: 5 minutes
  - Daylight Sensor is ☼
  - Dimming Level: 30%
  - Dimming Time: 60 minutes
- **NOTE:** Any setting changed by remote control, the LED light that sensor connect will on/off as confirm.

# MEASUREMENTS



# SENSOR COVERAGE



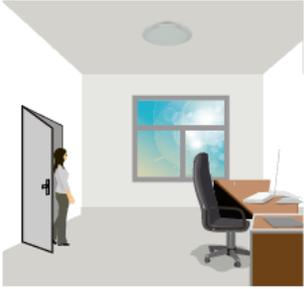
# OPTIONAL COMPATIBLE ACCESSORY



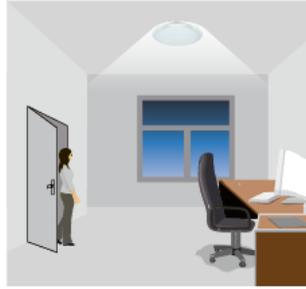
Remote Control  
LOC-RC-100

# Corridor Function

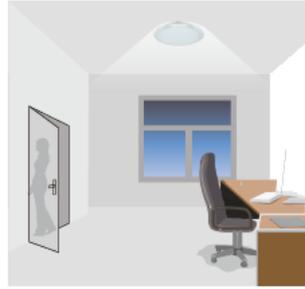
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by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



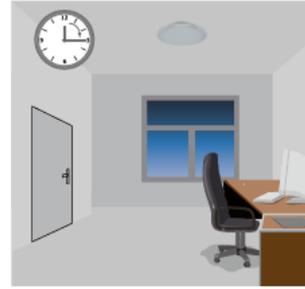
With sufficient natural light, the light does not switch on when presence is detected.



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



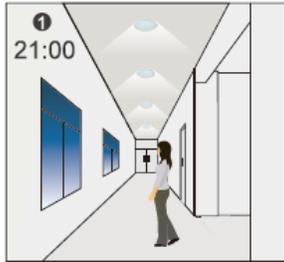
After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



Light switches off automatically after the stand-by period elapses.

# Daylight Sensor Function

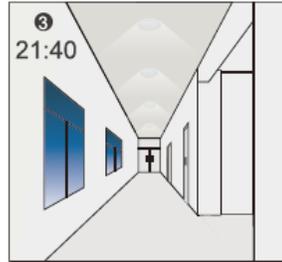
Open the daylight sensor by push (Ⓜ) when remote control is in setting condition.



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: 30min

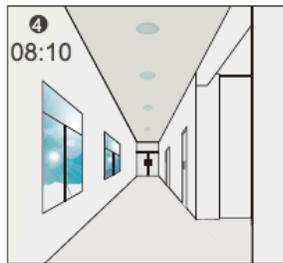
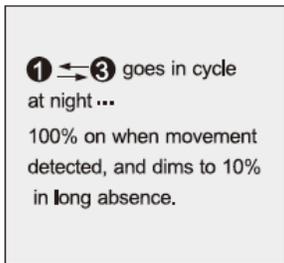
Setpoint on: 50lux

Setpoint off: 300lux

Stand-by Dim: 10%

Stand-by period: +∞

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



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).

