

Client:  
Project:  
Type:  
Quantity:

**FEATURE**

- **Installation:** Factory or Field Install, End Mount to Fixture
- **Commissioning:** Manually Adjusted through Dip Switch or through Remote Control
- **Control:** Hold time, High-Low setting, Continuous Bi-Level Dimming, Code-Compliant Manual-On or Auto-Off Capability
- **Sensor:** Photocell and Motion (Occupancy/Vacancy/Manual)

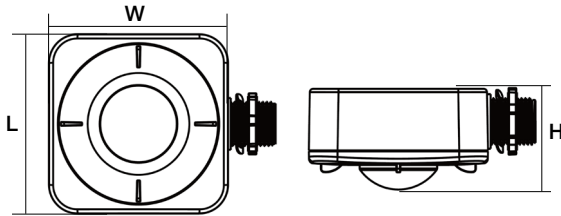


**SPECIFICATIONS**

**SENSOR TYPE:** Passive Infrared Sensor (PIR)  
**INPUT VOLTAGE:** 120/277VAC  
**LIGHT-CONTROL:** 10 ~ 50LUX  
**CONTROL OUTPUT:** 0-10V Dimming  
**OPERATING TEMP:** -40°F ~ +167°F (-40°C ~ +75°C)  
 Damp Location Listed

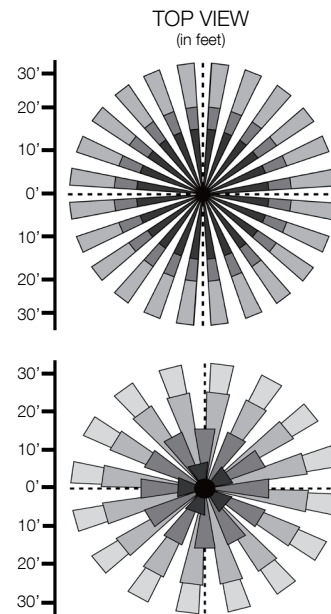
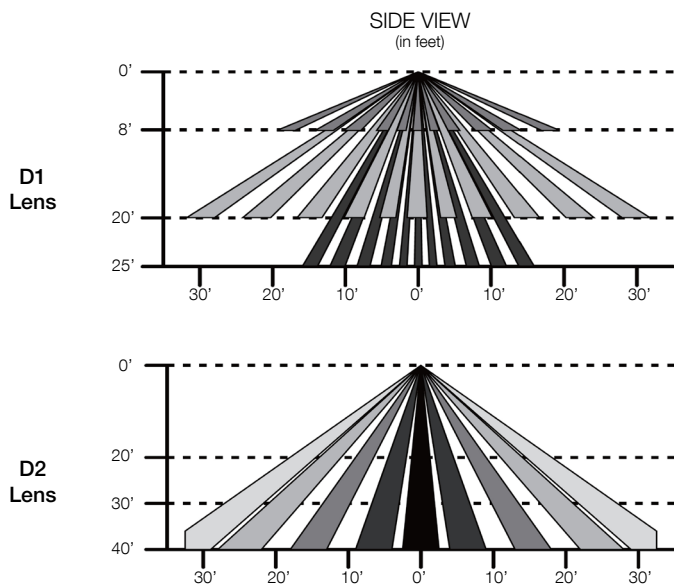
**COMMISSIONING RANGE:** 50FT from Remote Control  
**TIME SETTING:** 10sec ~ 15min (adjustable)  
**DETECTION ANGLE:** 360°  
**MOUNTING HEIGHT:** 8 - 40FT  
**WARRANTY:** 5 years

**DIMENSIONS**



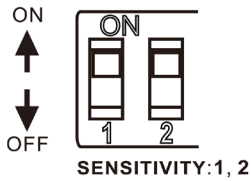
| L               | W                | H                 |
|-----------------|------------------|-------------------|
| 3.19"<br>(81mm) | 4.02"<br>(102mm) | 1.70"<br>(43.3mm) |

**COVERAGE PATTERNS**



Client:  
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## PROGRAMMING SETTINGS

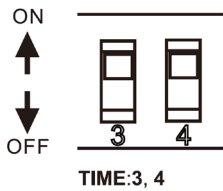


SENSITIVITY  
1 2  
↓ ↓ 20%  
↓ ↑ 50%  
↑ ↓ 75%  
↑ ↑ 100%

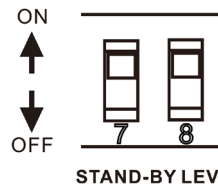


## DETECTION RANGE

Detection range can be adjusted by selecting the combination on the Dip Switch to fit coverage for each application



TIME  
3 4  
↓ ↓ 10S  
↓ ↑ 1Min  
↑ ↓ 5Min  
↑ ↑ 15Min



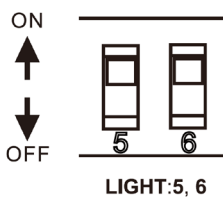
STAND-BY LEVEL  
7 8  
↓ ↓ 0%  
↓ ↑ 10%  
↑ ↓ 30%  
↑ ↑ 50%

## HOLD TIME

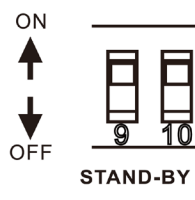
Light can be set to stay ON for any period of time between 10s~15min. Any movement detected before this time elapse will reset.

## STAND-BY LIGHT LEVEL

The low light level selection available for the stand-by period.



LIGHT  
5 6  
↓ ↓ ☀ (light sensor disable)  
↓ ↑ 10Lux  
↑ ↓ 30Lux  
↑ ↑ 50Lux



STAND-BY TIME  
9 10  
↓ ↓ +∞  
↓ ↑ 1Min  
↑ ↓ 30Min  
↑ ↑ 60Min

## LIGHT-CONTROL

Chosen light response threshold can be infinitely from 10 ~ 50LUX.

## STAND-BY-TIME

The time period the luminaire remains at a low light level before it completely switches off if no motion is detected.

## ORDER CODE

EXAMPLE: SENSOR-819-D2

### A SERIES

**SENSOR-819-D** End Mount PIR Occupancy Sensor 120-277V Input 0-10V Dimming

### B LENS

| Code | Mounting | Coverage    |
|------|----------|-------------|
| 1    | 20FT     | 30FT Radius |
| 2    | 40FT     | 30FT Radius |

### C OPTIONS

**REMOTE-RC100\*** Sensor Remote Control Programmer

\*see page 3 for detail

**FEATURE**

The Remote control wireless IR configuration tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device to modify via push button and stores up to four sensor parameter modes to speed configuration of multiple sensors.

|                           | PROGRAMMABLE  | RESET  |
|---------------------------|---|--|
| <b>COMPATIBLE SENSORS</b> | SENSOR-ANT-6-4T<br>SENSOR-ANT-6-4T-EM<br>SENSOR-ANT-7<br>SENSOR-ANT-3C-B1<br>SENSOR-819-D1/D2<br>SENSOR-823<br>SENSOR-820 | SENSOR-BLE-6-4T<br>SENSOR-BLE-7<br>SENSOR-BLE-7D<br>SENSOR-BLE-819<br>SENSOR-BLE-619<br>CONTROL-BLE-5-4T<br>WALLSWITCH-BLE-101<br>WALLSWITCH-BLE-204 |



**Dimension**

L - 4.84" (123mm)  
W - 2.76" (70mm)  
H - .80" (20.3mm) Thickness

**SPECIFICATION**

**Carrying Case**

RC-100 in Carrying Case

**Commissioning Range**

Up to 50FT (15mm)

**Operating Temp**

32F ~ 122F (0°C ~ 50°C)

**Power**

2 x AAA 1.5V Alkaline batteries

**BRIGHTNESS**

Set output level (in 70%, 80%, 90%, or 100%) of connected lighting during occupancy.

**SENSITIVITY**

Set the sensitivity (in 20%, 50%, 75%, or 100%) of the occupancy sensor.

**HOLD TIME**

Set the time (in 10s, 1m, 5m, 10m, 16m, 20m, 30m, or 60m) that the fixture will hold at normal output after the space is vacant.

**DAYLIGHT SENSOR**

Set the threshold of natural light (in 10, 30, or 50) as setpoint to light on automatically for the sensor. If natural light is above the selected threshold, fixture will shut off. Set daylight (in 100, 300, 500) as setpoint to light off.

**STAND-BY DIM/TIME**

**DIM:** Set the output level (in 0%, 10%, 30%, or 50%) of the fixture during vacancy. This will only take place after Hold Time has elapsed.

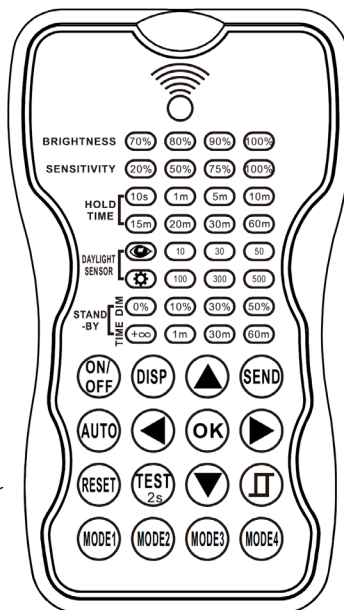
**TIME:** Set the time (+∞, 1m, 30m, or 50m) that the sensor will remain in stand-by mode before powering down.

**ON/OFF**

Use this to manually power a fixture on or off.

**AUTO**

Press Auto to engage/unlock a sensor. Press Auto, then press Display to show the sensors current setting parameters.



**DISPLAY**

Press to Display to view current setting parameters for each function. LED indicators will highlight current settings.

**DIRECTIONAL ARROWS**

Use the arrows to navigate the setting options by pressing up/down or left/right.

**SEND**

Press Send to upload displayed settings to individual sensor/fixture. The fixture will blink on and off to confirm new settings.

**SMART DAYLIGHT SENSOR**

Open and or close smart daylight sensor. Press up/down arrows buttons to enter setting condition, the parameters LEDs of remote control will flash to be selected.

**TEST**

Used to test sensitivity of occupancy sensing. Press Test, then the fixture will enter Test Mode, where Hold Time is only 2s. While Test Mode is active, Stand-By and Daylight sensing will be disabled. Press Auto to exit Test Mode.

**RESET**

Press Reset to put all parameters back to default settings.

**MODE**

Press the Mode # that you want to save. Use Directional Arrows to select new parameters. Press OK to confirm.