Catalog # : _____ Project : _____

Prepared By : _____ Date : _____

Integral Bluetooth™ Motion and Photocell Sensor (IMSBTW) WattStopper®

Stand-alone Controls

Slim low profile sensor provides multi-level control based on motion and/ or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations. Continuous dimming provides appropriate light levels based on ambient light conditions. Three unique PIR lens are available and used based on fixture mounting height (0-8Ft, 0-20Ft and 0-40Ft). All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles. Shroud accessory with integral lens blocks high angle light and improves photocell performance.

Operation Modes

Dusk to Dawn operation via integral photocell switches lights on and off based on the ambient light levels. In this mode the lights remain on all night even with no motion in the area. Dimming operation ramps the lights on to the selected high level when motion is detected and the ambient light level is below the hold off set point. Once the sensor stops detecting motion and the time delay elapses, the lights will fade to the low level. If no motion is detected during the cut off time delay period the lights will completely turn off or stay on at the low level depending on settings.

Configurations

- Initial setup and later adjustments made via iOS and Android App.
- Sensor settings are stored and maintained in the event of a power failure.

High mode - fully adjustable from 0-10V with **default at 10V**. High mode is defined as when the sensor detects motion the dimming control output ramps up to the selected high light level.

Low mode - fully adjustable from off, 0-9V with **default at 1V**. Low mode is defined as when the sensor stops detecting motion and the time delay expires the dimming control output fades down to the selected low light level.

Time delay - adjustable from 30 sec., 1-30 minutes in increments of 1 minute with d**efault 5 minutes**. Time delay is defined as the time period that must elapse after the last time the sensor detects motion for the lights to fade to low light level.

Cut off delay - the time period that must elapse after the lights fade to low light level and the sensor detects no motion for the lights to turn off. This feature may be enabled or disabled. If disabled there is no cut off and the lights stay in the low light level. Adjustable from 1-59 minutes in increments of 1 minute, 1-5 hours in increments of 1 hour with **default set at 1 hour**.

Ramp up time – the time period for the light level to increase from low to high. A switch allows you to enable or disable this feature. **Default is disabled** (the light switches instantly on) If enabled the range is 1-60 seconds.

Fade down time – the time period for the light level to decrease from high to low. A switch allows you to enable or disable this feature. **Default is disabled**. Adjustable from 1-60 seconds.

Sensor sensitivity – the response of the PIR detector to motion within the sensor's coverage area. Adjustable from off (motion sensor disabled), on (motion sensor enabled), low, medium, high. **Default setting is high**.

Photocell set-point – when the light level exceeds this setting the lights will turn off even if motion is detected. When the light level goes below the setting the lights will turn on even if no motion is detected. A switch will allow you to enable or disable this feature. **Default is disabled**.

Sensor Configuration App by Legrand

- Range from mobile device to sensor 100 feet max.
- Bluetooth communication ranges vary based on device and mobile carrier. Use devices with Bluetooth 5.0 iPhone 8 and Samsung Galaxy S8 or later.
- Supports English, Spanish and French
- Password protected.
- Sensor profiles used for setting up parameters one time and then applying the profile to different sensors requiring the same settings.

Legrand App for Configuration

WattStopper®

Available on the App Store

GET IT ON Google Play

IMSBTW Coverage Patterns