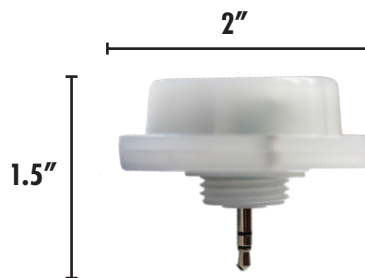



U-S-BLMS-T

Altech 3rd Gen Motion Sensor


U-S-RC

*Remote Control Sold Separately


Dimensions

Description

The U-S-BLMS-T is Altech's 3rd Generation 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" 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-24DC |
| 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. (12 meters) |
| Time Settings | 10s / 1 min / 5 min / 10 min / 15 min / 20 min / 30 min / 60 min |
| Light - Control | 24H/1 0LUX/30LUX/50LUX |
| Operating Temperature | -40°F - +158°F (-40° C - + 70° C) |
| IP Rating | IP 65 |

WARNING

- NOTE:** Warm up time is 15seconds. After the sensor connects input power 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: 60 min
- NOTE:** Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

Daylight Sensor 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.



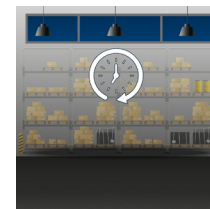
With sufficient natural light, the light does not switch on when presence is detected.



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

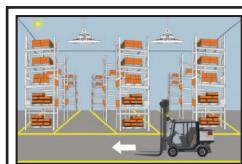


After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

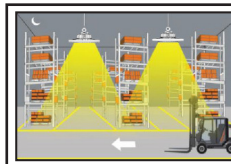


Light switches off automatically after the stand-by period elapses.

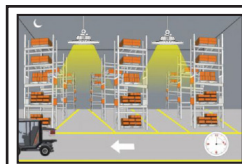
Motion Sensor Function



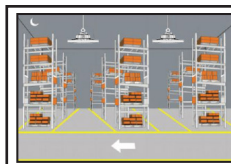
1. With sufficient ambient light, the sensor does not turn the fixture on.



2. With insufficient ambient light, the sensor turns the fixture on when motion is detected.



3. After hold time, the sensor dims the fixture to a low light level if no new motion is detected.



4. After stand-by-period, the sensor turns off the fixture if no motion is detected in its zone.

This 3-Step Dimming/Daylight Sensor with remote control, provides a simple energy-saving solution to use light only when and where you need it. The motion sensor can be mounted at a maximum of 50 ft above the ground and still detect moving objects within a 60 ft radius. This sensor also has a daylight sensor for further lighting customization and energy savings.

Sensor Coverage

