

Outdoor SPB Motion Sensor

Quick Reference Guide

The SPB motion sensor is the next generation control solution for outdoor luminaires, following the previous MS/DIM series, adding Bluetooth™ connectivity for faster configuration and troubleshooting. The SPB is a stand-alone control utilizing passive-infrared (PIR) motion sensing and an onboard photocontrol, providing basic functionality to meet the safety and energy saving requirements of many local codes and regulations.



ORDERING INFORMATION

Catalog Number	Component Model	Mounting Height	Replaces
SPB1	FSP-321, Lens L2	up to 8'	MS/DIM-L08
SPB2	FSP-321, Lens L3	up to 20'	MS/DIM-L20
SPB4	FSP-321, Lens L7	up to 40'	MS/DIM-L40W

LUMINAIRE FINISHES

The SPB housing is available in four colors; white, bronze, black, and gray, which are automatically matched to the luminaire finish based on the following table:

Luminaires	Luminaire Finish	Sensor Color
TopTier, Arbor, Luxescape	All	White
All other outdoor products including but not limited to Galleon, Prevail, Impact Elite, etc.	White	White
	Bronze	Bronze
	Black, Graphite Metallic	Black
	Gray, Dark Platinum	Gray

MOBILE APPLICATION

The 'Sensor Configuration' application by Legrand BCS / Wattstopper is available on Google Play and the App Store for Android and iOS devices. Check application details for mobile device compatibility.



SPB Sensor
Configuration
Mobile App



Sensor
Configuration
User Guide

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Quick Reference Guide

DEFAULT SPECIFICATIONS

- **High mode:** 0-10V; default 10V
- **Low mode:** Off, 0-9.8V; default 1V
- **Time delay:** 30 sec., 1-30 min.; default 5 min.
- **Cut off delay:** none, 1-59 min. 1-5 hrs.; default 1 hr.
- **Sensitivity:** On-Fix, Off-Fix, Low, Med, Max
- **Bluetooth Range:** Up to 100' line-of-sight
- **Hold-Off Setpoint:** Disable, 1-250 fc, Auto; default disabled
- **Photocell On/Off:** 1-250 fc; default disabled
- **Ramp up time:** none, 1-60 sec.; default disabled
- **Fade down time:** none, 1-60 sec.; default disabled
- **Relay life rating:** 200,000 cycles

FREQUENTLY ASKED QUESTIONS

- Is the SPB a connected control, and is it compatible with any other control platform?

NO

The SPB is a stand-alone control not compatible with other platforms such as WaveLinx or Trellix. The mobile application simply replaces the FSIR-100 programming device used for the MS/DIM.

- Does the SPB collect or report user or device data?

NO

The SPB utilizes basic point-to-point Bluetooth connectivity, used only for programming or viewing device status, and is not capable of storing or transmitting user data.

- If I have a problem using the mobile application, who can I contact?

Legrand Wattstopper maintains the mobile application and is available for technical support for non-fixture related issues. They can be reached at www.legrand.us/contact-and-support or at 1-800-879-8585, Mon - Fri: 7am - 7pm CST (excluding holidays).



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SENSOR CONFIGURATION

To be completed by installer or sensor programmer. Keep on-site for future reference.

JOBSITE NAME (optional): _____

PASSWORD: _____

HIGH MODE: _____ **OR 10V DEFAULT** **HOLD-OFF SETPOINT:** _____ **OR DISABLED**

LOW MODE: _____ **OR 1V DEFAULT** **PHOTOCELL ON/OFF:** _____ **OR DISABLED**

CUT OFF DELAY: _____ **OR 1 HR. DEFAULT** **RAMP UP TIME:** _____ **OR DISABLED**

SENSITIVITY: _____ **OR MAX DEFAULT** **FADE DOWN TIME:** _____ **OR DISABLED**

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