



Wattstopper  
**0-10V PIR DROP MT SENSOR BLE 1 20-277V - 40FT LENS - BRONZE**  
Part No. FSP-311B-D-L7-BR



The FSP-3x1B sensors provide continuous dimming light level control based on motion and/or daylight contribution. They control 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an FSP-Lx Lens, are rated for wet and cold locations. All control parameters are adjustable via the iOS or Android Sensor Configuration App capable of storing and transmitting sensor profiles. The FSP-3x1B family is available in three configurations for mounting inside a fixture, to the outside of a fixture via a 1/2" knockout, or to a pole.

## Features & Benefits

Designed for LED fixtures and rated for extreme temperatures; options for box or pole mounting

Fully adjustable high and low dimmed light levels

Hold off setpoint with automatic calibration option for convenience and added energy savings

Continuous dimming & daylight harvesting for energy efficiency and energy code compliance

Adjustable via the iOS® or Android® Sensor Configuration App

IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'

Adjustable time delay and cutoff delay

## Specifications

### General Info

|                   |  |                       |              |
|-------------------|--|-----------------------|--------------|
| Product Line      | Wattstopper  | Color                 | Bronze       |
| Finish            | Glossy   | UPC Number            | 754182941322 |
| Country Of Origin | China  | Product Series        | FSP-3x1B     |
| Features          | Adjustable Time Delay, Flame Retardant, Impact Resistant, Light Level Sensor, Recyclable, Sensitivity Adjustment, UV Resistant | Installation Location | Pole         |
| Included          | Collar   | Application Sector    | Commercial   |
| Standard          | UL, cUL, CE, IP66 Rated, RoHS, E101196   | Warranty Type         | 5-Year       |
| Type              | Sensor   |                       |              |

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## Dimensions

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|-------------------|--------------|-------------------|-----------|
| Product Width US  | 6.235 in     | Product Weight US | 0.6215 lb |
| Product Volume US | 97.857 cu in | Product Depth US  | 3.667 in  |
| Product Height US | 4.28 in      |                   |           |

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## Technical Information

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|---------------------------|--|------------------------|---------------------------|
| Operating Temperature Min | -40 °F   | Timer Type             | Digital                   |
| Load Rating               | 1200 W @ 277 VAC, 300 W @ 230-240 VAC, 800 W @ 120 VAC | Compatibility          | Bluetooth                 |
| Has Battery               | No   | Horsepower Rating      | 1/6 HP @ 120/277 VAC      |
| Sensor Coverage Pattern   | 360 deg  | Sensor Type            | Daylight, Occupancy       |
| Operating Temperature Max | 140 °F   | Sensor Mounting Height | 40 ft                     |
| Sensor Technology         | Passive Infrared (PIR), Photosensor                    | Timer Duration         | 30 Seconds, 5-30 Minutes  |
| Indicator                 | PIR Detection LED                                      | Input Voltage          | 120/277 VAC               |
| Line Frequency            | 50 Hz, 60 Hz   | Indoor/Outdoor         | Both                      |
| Mounting Type             | Drop Nipple, Fixture Embedded                          | On Function            | Auto On                   |
| Operating Temperature     | -40°-140°F, -40°-60°C                                  | Operating Humidity     | 5-95% RH (Non-Condensing) |
| Sensing Range             | 100 ft diameter  | Wire Connection Type   | Flying Leads              |
| Storage Temperature       | -40° - 176° F, -40° - 80° C                            |                        |                           |

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