



**Wattstopper**  
**Hi/Lo PIR Drop Nipple Mount Sensor, 120-480V, 10 ft lens, White**  
Part No. FSP-221B-D-L2-W



The FSP-2x1B sensors provide multi-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 a wireless configuration tool capable of storing and transmitting sensor profiles. The FSP-2x1B 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	Adjustable via handheld wireless configuration tool
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	White
Finish	Glossy	UPC Number	754182940356
Country Of Origin	China	Product Series	FSP-2x1B
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, TUV Listed, IP66 Rated, RoHS, E101196, PEP	Warranty Type	5-Year
Type	Sensor		

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## Dimensions

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Product Width US	5.818 in	Product Weight US	0.576 lb
Product Volume US	57.111 cu in	Product Depth US	2.419 in
Product Height US	4.058 in		

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## Additional Information

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RoHS Compliant	Yes	Product Environmental Profile	Yes
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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	Has Battery	No
Horsepower Rating	1/6 HP @ 120/277 VAC	Sensor Coverage Pattern	360 deg
Sensor Type	Daylight, Occupancy	Operating Temperature Max	167 °F
Sensor Mounting Height	8 ft	Sensor Technology	Passive Infrared (PIR), Photosensor
Timer Duration	30 Seconds, 5-30 Minutes	Indicator	PIR Detection LED
Input Voltage	100 to 347 VAC, 208/230/480 VAC	Line Frequency	50 Hz, 60 Hz
Indoor/Outdoor	Both	Mounting Type	Drop Nipple, Fixture Embedded
On Function	Auto On	Operating Temperature	-40°-167°F, -40°-75°C
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	44 ft diameter
Wire Connection Type	Flying Leads	Storage Temperature	-40° - 176° F, -40° - 80° C

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