



Wattstopper
High/Low-Bay PIR Sensor 120/277/347 VAC, White, w/Lens
Part No. HBP-111-L7



HBP-111 with Extender

The HBP Series High Bay Passive Infrared (PIR) Occupancy Sensors provide automatic control of individual LED and fluorescent lighting fixtures in warehouses and other indoor high and low bay spaces. The lens is engineered to provide reliable coverage from a wide range of mounting heights (15ft to 40ft), and coverage can be masked for aisleway applications using a snap-on accessory (included). A hold-off daylighting feature keeps lighting off when the ambient light level is above the selected threshold. Time delay and light level settings can be adjusted via function-specific trimpots. The HBP-111 can also be adjusted remotely using a wireless configuration tool.

Features & Benefits

LED indicator of occupancy detection for easy verification of coverage

Convenient access to trimpots for adjusting Time Delay and Light Level settings

Flexible mounting options

Multi-cell, multi-tier Fresnel lens

Durable materials for optimal performance in challenging indoor high bay settings

Zero crossing circuitry reduces stress on relay and extends sensor life

Detection signature analysis eliminates false triggers; provides immunity to RFI and EMI

Pulse Count Processing eliminates false offs without reducing sensitivity

The product meets the materials restrictions of RoHS

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182935062
Country Of Origin	China	Product Series	HBP-100
Features	Adjustable Time Delay, Flame Retardant, Impact Resistant, Indicator Lights, Light Level Sensor, Recyclable, Sensitivity Adjustment	Installation Location	Fixture
Included	Lens	Application Sector	Commercial
Standard	UL, cUL	Warranty Type	5-Year

Type	Sensor
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Dimensions

Product Width US	2.8 in	Product Weight US	0.3 lb
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Product Volume US	59.0 cu in	Product Depth US	1.6 in
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Product Height US	4.9 in
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Technical Information

Operating Temperature Min	32 °F	Timer Type	Digital, Trimpot
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Load Rating	1000 W @ 120/230 VAC, 1200 W @ 277 VAC, 1500 W @ 347 VAC	Compatibility	FSIR-100
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Has Battery	No	Sensor Coverage Pattern	360 deg
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Sensor Type	Occupancy	Operating Temperature Max	158 °F
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Sensor Mounting Height	40 ft	Number of Buttons	0
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Number of Rockers	0	Sensor Technology	Passive Infrared (PIR)
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Timer Duration	1-30 Minutes	Indicator	PIR Detection LED, Receive LED
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Input Voltage	120/230/277/347 VAC	Line Frequency	60 Hz
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Indoor/Outdoor	Indoor	Mounting Type	Fixture Embedded, Snap-in
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On Function	Auto On	Operating Temperature	0°-70°C, 32°-158°F
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Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	100 ft diameter
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Wire Connection Type	Flying Leads	Engraving Type	Blank
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Storage Temperature	23° - 176° F, -5° - 80° C
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