



Wattstopper  
0-10V PIR Wall Switch Occ sensor, 120/277V, Red, USA  
Part No. PW-311-R-U



The PW-311 passive infrared (PIR) dimming wall switch sensor can turn lights OFF and ON based on occupancy and allow the user to increase or decrease the lighting level. It works with 0-10 VDC dimming drivers and ballasts to control lighting loads including LEDs.

## Features & Benefits

Vandal resistant lens combines precise coverage with durability

Optional Smart Light Level adapts ambient light hold off threshold to meet user needs

Test mode allows quick and easy verification of coverage

LED indicates occupancy detection

Presentation mode may be deactivated to allow Auto-ON operation after 15 second time delay

Selectable walk-through mode turns lights off three minutes after the room is initially occupied if no motion is detected after the first 30 seconds

Selectable audible and/or visual alerts for impending shutoff

## Specifications

### General Info

Product Line	Wattstopper	Replaced by Part Number	PW-311-W-U
Color	Red	Finish	Glossy
UPC Number	754182940721	Country Of Origin	United States
Product Series	PW-310	Features	Adjustable Time Delay, Dimming, Indicator Lights, Light Level Sensor, Sensitivity Adjustment, Vandal Resistant Lens

Switch Type	Motion Sensor	Installation Location	Wall
Included	Sensor Mask	Application Sector	Commercial
Standard	UL, cUL, E101196, UL 924, Complies with 2017 NEC requirements, RoHS, BAA, TAA	Warranty Type	5-Year
Type	Sensor, Switch		

## Dimensions

Product Width US	1.8 in	Product Weight US	0.3304 lb
Product Volume US	13.3 cu in	Product Depth US	1.8 in
Product Height US	4.1 in		

## Technical Information

Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1000 W @ 120 VAC, 1200 W @ 240/277 VAC	Has Battery	No
Sensor Coverage Pattern	180 deg	Sensor Type	Occupancy
Operating Temperature Max	131 °F	Sensor Mounting Height	4 ft
Number of Buttons	2	Number of Rockers	0
Sensor Technology	Passive Infrared (PIR)	Timer Duration	5-30 Minutes
Number of Poles	Multi-Location, Single Pole	Indicator	PIR Detection LED
Input Voltage	120/230/240/277 VAC	Requires Neutral Wire	No
Line Frequency	50 Hz, 60 Hz	Indoor/Outdoor	Indoor
Mounting Type	In-Wall	On Function	Selectable Auto/Manual
Operating Temperature	0°-55°C, 32°-131°F	Operating Humidity	5-95% RH (Non-Condensing)

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Sensing Range	Major motion 35 x 30 ft, Minor motion 20 x 15 ft	Wire Connection Type	Flying Leads
Engraving Type	Icon	Storage Temperature	23° - 176° F, -5° - 80° C

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