



Wattstopper
0-10V Dual Tech. Wall Switch Occ. Sensor, 120/277V, White
Part No. DW-311-W



The DW-311 dual technology 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 combines the benefits of passive infrared (PIR) and ultrasonic occupancy detection technologies and works with 0-10 VDC dimming drivers and ballasts to control lighting loads including LEDs.

Features & Benefits

Collection consolidated of in 347 V to white option	Defaults to Manual-ON operation for maximum energy savings
High sensitivity and dense coverage for exceptional performance	Color-matched lens and low profile for appealing design
Supports Partial-ON operation for energy code compliance or incentives	120/277VAC and 347VAC models
Allows fully functional multi-way control from up to four switch locations	

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Gloss	UPC Number	754182939428
Country Of Origin	China	Material	ABS
Product Series	DW-311	Features	Adjustable Time Delay, High/Low Trim, Indicator Lights, Light Level Sensor, Sensitivity Adjustment, Test Mode, Walkthrough Mode
Switch Type	Motion Sensor, Push	Installation Location	Wall

Included	Sensor Mask	Application Sector	Commercial
Standard	UL, cUL, E101196, UL 924, RoHS	Warranty Type	5-Year
Type	Sensor, Switch		
Dimensions			
Product Width US	1.8 in	Product Weight US	0.3273 lb
Product Volume US	35.1 cu in	Product Depth US	1.8 in
Product Height US	4.1 in		
Additional Information			
RoHS Compliant	Yes	Security	Yes
Product Environmental Profile	Yes		
Technical Information			
Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1000 W @ 120 VAC, 1200 W @ 230/240/277 VAC	Ultrasonic Frequency	40 kHz
Has Battery	No	Sensor Coverage Pattern	180 °
Sensor Type	Occupancy	Operating Temperature Max	131 °F
Sensor Mounting Height	4 ft	Light Level Adjustment	Enable/Disable/Smart
Number of Buttons	2	Number of Rockers	0
Sensor Technology	Dual Technology, Passive Infrared (PIR), Ultrasonic	Timer Duration	5 Minutes, 15 Minutes, 30 Minutes
Number of Poles	Multi-Location	Indicator	PIR Detection LED, Selectable audible alert for impending shutoff, Ultrasonic Detection LED

Input Voltage	120/230/240/277 VAC	Requires Neutral Wire	No
Line Frequency	50 Hz, 60 Hz	Indoor/Outdoor	Indoor
Sensitivity Adjustment	PIR (Min/Max), Ultrasonic (0-100%)	Mounting Type	In-Wall
On Function	Selectable Auto/Manual	Operating Temperature	0°-55°C, 32°-131°F
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	Major motion: PIR 35 x 30 ft, Ultrasonic 20 x 20 ft, Minor motion: PIR 20 x 15 ft, Ultrasonic 15 x 15 ft
Location Rating	Dry	Wire Connection Type	Flying Leads
Engraving Type	Icon	Storage Temperature	23° - 176° F, -5° - 80° C