



legrand DW-311-R Dual Tech Wall Switch Occ Sensor Instructions



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



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.

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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	Red
Finish	Glossy	UPC Number	754182939411
Country Of Origin	China	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	Product Environmental Profile	Yes
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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	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	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
Wire Connection Type	Flying Leads	Engraving Type	Icon
Storage Temperature	23° - 176° F, -5° - 80° C		



July02 2025 -For latest specs visit www.legrand.us

Documents / Resources

	legrand DW-311-R Dual Tech Wall Switch Occ Sensor [pdf] Instructions DW-311-R Dual Tech Wall Switch Occ Sensor, DW-311-R, Dual Tech Wall Switch Occ Sensor, Wall Switch Occ Sensor, Switch Occ Sensor
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References

- [User Manual](#)

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 Dual Tech Wall Switch Occ Sensor, DW-311-R, DW-311-R Dual Tech Wall Switch Occ Sensor, legrand, Switch Occ Sensor, Wall Switch Occ Sensor

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