



Wattstopper
PIR Ceiling Occupancy Sensor, 24 VDC, Extended Range
Part No. CX-100-1



Wattstoppers CX-100-1 extended range passive infrared (PIR) ceiling/wall sensors detect occupancy to control lighting in a wide variety of applications. These sensors provide superior coverage and performance with great energy savings. Designed for busy spaces, this sensor covers extended distances with long range detection adapting to constant movement. Our ceiling sensor also offers a 360 degree horizontal profile.

Features & Benefits

Turns lights on and off based on occupancy

User-adjustable time delay and sensitivity

ASIC technology reduces components and provides greater reliability

Coverage up to 90 linear ft

Built-in light level sensor

Isolated relay for use with HVAC or other control systems

Automatic or manual-on operation when used with a BZ-150 Power Pack

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Gloss	UPC Number	754182911271
Country Of Origin	China	Material	ABS
Product Series	CX-100	Features	Adjustable Time Delay, Indicator Lights, Isolated Relay, Light Level Sensor, Power Pack Required, Sensitivity Adjustment
Installation Location	Ceiling, Wall	Included	J-Box Cover Plate, Sensor Mask, Swivel Bracket
Application Sector	Commercial	Standard	UL, cUL, ISO 9002
Warranty Type	5-Year	Type	Sensor

Dimensions

Product Width US	3.4 in	Product Weight US	0.4 lb
Product Volume US	38.1 cu in	Product Depth US	3.3 in
Product Height US	3.4 in		

Additional Information

RoHS Compliant	Yes	Security	Yes
----------------	-----	----------	-----

Technical Information

Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1 A @ 24 VDC	Compatibility	BZ Power Packs
Has Battery	No	Sensor Coverage Pattern	90 °
Sensor Type	Occupancy	Operating Temperature Max	131 °F
Sensor Mounting Height	10 ft	Light Level Adjustment	3-200 fc
Number of Buttons	0	Lens Type	Extended Range
Number of Rockers	0	Sensor Technology	Passive Infrared (PIR)
Timer Duration	15 Seconds, 2-30 Minutes	Indicator	PIR Detection LED
Input Voltage	24 VDC/VAC	Line Frequency	60 Hz
Indoor/Outdoor	Indoor	Sensor Coverage	90 ft
Sensitivity Adjustment	PIR (Min/Max)	Mounting Type	J-Box, Surface, Swivel Bracket
On Function	Auto On	Current Draw	19 mA
Operating Temperature	0°-55°C, 32°-131°F	Operating Humidity	5-95% RH (Non-Condensing)
Sensing Range	32 x 90 ft	Location Rating	Dry
Wire Connection Type	Flying Leads	Engraving Type	Blank

Storage Temperature	23° - 176° F, -5° - 80° C
---------------------	---------------------------
