



The LS-102 Daylighting Controller is a single zone, on/off switching device designed to be installed in a closed loop application. A self-contained 24 VDC device with an extended range of 1-1400 footcandles, the LS-102 requires a low voltage power pack to operate. The controller consists of an advanced digital multi-band photosensor, an on-board microcontroller, and an LCD display. This photosensor is positioned behind a 100° cone that cuts off unwanted light, preventing false triggers.

Features & Benefits

Single zone, on/off switching photosensor

Automatic setpoint selection

Easy-to-read LCD display and LED status indicators

Automatic startup/ calibration

Digital multi-band photosensor

Multiple user-adjustable control parameters

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Gloss	UPC Number	754182923656
Country Of Origin	China	Material	ABS
Features	Single Zone	Installation Location	Ceiling, Skylight
Included	Retaining Nut, Washer	Application Sector	Commercial
Standard	UL	Warranty Type	5-Year
Type	Sensor		

Dimensions

Product Width US	2.4 in	Product Weight US	3.2 oz
Product Volume US	10.9 cu in	Product Depth US	2.4 in

Product Height US	1.9 in
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Additional Information

RoHS Compliant	Yes	DesignLights Consortium Qualified System	Yes
Security	Yes		

Technical Information

Operating Temperature Min	32 °F	Compatibility	BZ Power Packs
Has Battery	No	Control Algorithm	Closed Loop, On/Off
Sensor Coverage Pattern	100 °	Sensor Type	Daylight
Operating Temperature Max	120 °F	Sensor Technology	Photosensor
Connector Type	Wire Leads	Input Voltage	12/24 VDC
Indoor/Outdoor	Indoor	Mounting Type	13/16 in Knockout, Screw Holes
Current Draw	7 mA	Operating Temperature	32°-120°F
Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	1-850 fc