

Home Automation

- ST815 Illumination Sensor

Z-Wave Series



EVERSPRING®

Specification Sheet

Features

- Adopt Z-Wave protocol to secure the success of wireless two-way communication
- Low battery indication
- Configurable Lux trig on/off value
- LED backlight
- Design for table placing /wall mounting
- Beep sound and LED indication
- Z-Wave V5.02
- Z-Wave Certified No. ZC08-09100009(EU)
ZC08-11100006(US)
- Certifications:

EN301489-1 V1.6.1 : 2005

EN301489-3 V1.4.1: 2002

EN300220-1: V2.1.1: 2006

EN300220-2: V2.1.2: 2007

EN60950-1: 2001+A11

PART15B



Introduction

The Illumination Sensor is designed to monitor the current illumination of ambient environment. The reading of illumination can be reported to you on a regular base at your disposal. If illumination reaches set points, the sensor will send alerts to associated devices for further execution (such as trigger on connected lightings or remote curtain control). The Illumination Sensor is suitable for use in darkness and outdoor.

Specification

Power	Operating Voltage	1.5V AA size x 3
	Standby current	70 uA
	Operating current	48mA
	Low battery voltage	3.4V
	Shut down Voltage	3.0V
RF	Frequency	868.42 (EU) / 908.42(USA)
	Regulation	FCC part15.249 / EN300 220-1/
	Distance	30M indoor 70M outdoor, Up to 30 meters line of sight (indoor)
Mechanical	weight	120 g (without battery)
	Dimension (W x H x D)	85x85x40 mm
Battery	Battery life	2400mAh
		1 year
Environment	Operation Temperature	-10 ~ 50° C
	Humidity	95%RH max

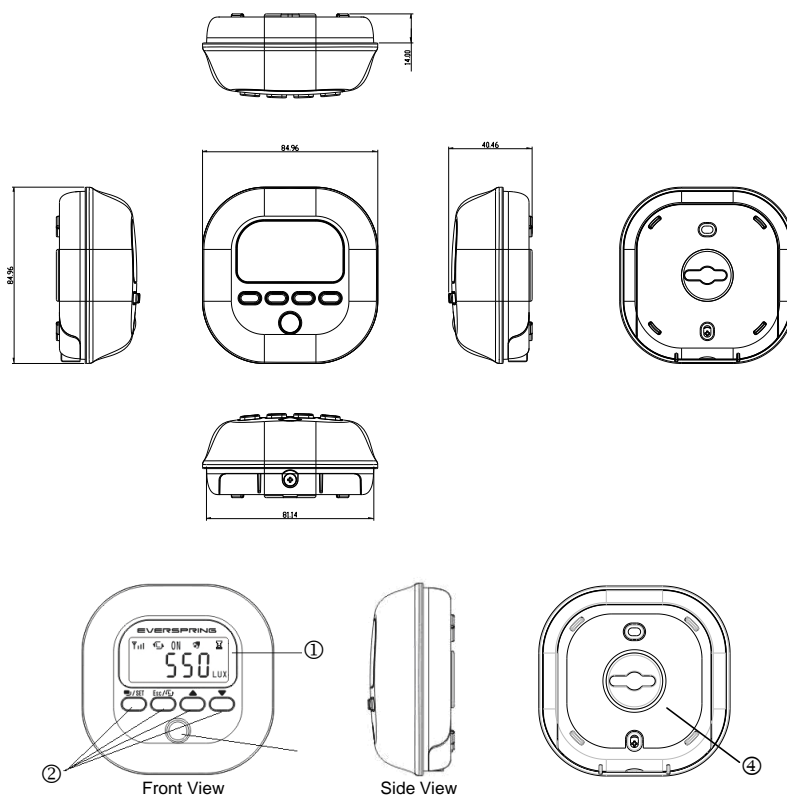
Condition 1. Sensor to Z-Wave Controller in any direction at open space

Condition 2 . At normal connect situation and trigger 10 times per day

****Specifications are subject to change without notice.**

Dimension and Placement

Unit: mm



① LCD Screen	
② Function Keys	
	Select modes/Change setting
	Cancel setting/Returning to main display/Learning
	Increase settings/enable RF & beep tone
	Decrease settings/disable RF & beep tone
③ Illumination Sensor	
④ Mounting Bracket	

Application:

Home Automation
Energy Saving

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