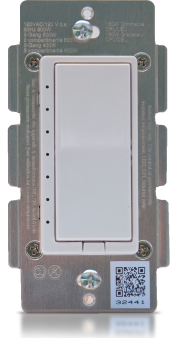


## In-Wall Dimmer, ZL-WD-100

### Overview

ZL-WD-100 is designed to provide easy Z-Wave control of incandescent, and dimmable florescent and LED lighting. The dimmer replaces a standard in-wall light switch and with the companion ZL-WA-100 Accessory Switch supports wired 3, 4 and 5-way circuits. The ZL-WD-100 is a rock solid performer and supports many optional configurable features such as; on/off orientation, ramp up and down times, soft on and off, and dimmer sensitivity for just the right feel. Multi-tap scene control is also supported. Simply install, add to your Z-Wave network and enjoy complete Z-Wave control.



### Features

- Works with incandescent and most dimmable florescent (CFL), or LED lighting
- Supports S2 and SmartStart for easy, secure inclusion
- Scene control capable, supports double and triple tap control
- Instantly reports manual status change to controller
- 7 LED indicators
- Configurable on/off orientation, dim rate, soft on/off and dimmer sensitivity
- Fits standard single wall plate
- Works with ZL-WA-100 accessory switch for wired multi-way circuits

### Technical Specifications

#### Electrical

- Max Load 600W Incandescent, 150W CFL/LED
- Input: 120VAC, 60Hz, 15A, Neutral required
- Operating Temp. Range: 32-104°F (0-40°C)
- UL and cUL listed

#### Z-Wave

- US Region, 908.4MHz, 916MHz
- Complies with FCC Part 15, Class B
- Z-Wave PLUS, S2 Security, SmartStart
- Z-Wave signal repeater
- Network-Wide-Inclusion
- Over-The-Air (OTA) firmware upgrade capable
- Configurable parameters supported

### Physical Size

- Body 2.8" x 1.71" x 1.41" Front plate 4.13" x 2.13" x 0.076"

## Advanced Configuration

### Parameters

#	Description	Values	Default	Bytes
4	Inverting orientation of the ON/OFF on the rocker	Value = 0, the connected light will turn ON by pressing the top rocker Value = 1, the connected light will turn ON by pressing the bottom rocker	0	2
7	Dimming Resolution Level (Remotely)	Valid Values: 1-99 ,indicates the number of levels when the light is controlled remotely. Lower the number, finer the control of the dimming. Higher the number, faster the dimming will jump from one state to another.	1	2
8	Dimming Resolution Speed (Remotely)	Valid Values; 1-255, indicates the time duration of each level when the light is controlled remotely. For example, if Parameter 7 is set to 1 and Parameter 8 is set to 3, it will take approximately 3 seconds for the lights to turn On or Off when you remotely turn On or Off the switch. This provides a soft feel for the lights turning On or Off. If you prefer instant On or Off like incandescent light bulbs, you can set a higher number for Parameter 7 and set Parameter 8 to 1.	3	2
9	Dimming Resolution Speed (Manually)	Valid Values; 1-99, indicates the number of levels when the light is controlled by paddle switch.	1	2
10	Dimming Resolution Speed (Manually)	Valid Values; 1-255, indicates the time duration of each level when the light is controlled by the paddle switch.	3	2

### Wiring Diagrams

