



WS1DL

Wall Switch Dimmer LED

The **Wall Switch Dimmer LED (WS1DL)** is used to manually or remotely control and dim LED, incandescent, compact fluorescent, inductive and magnetic low voltage type loads. It installs like a traditional wall switch with the exception of requiring a connection to a neutral wire. Available in seven colors and a variety of ratings from 600W to 2400W.

The WS1DL provides fingertip, ON/OFF/Bright/Dim local control by using the Decora-style rocker switch of existing lighting, while holding down the top or bottom of the switch will fade the lights up or down. Additionally it has the capability of being controlled by any UPB® two-way powerline communication device from anywhere in your home. The Wall Switch Dimmer LED is also capable of transmitting UPB® messages when the rocker switch is turned on or turned off.

Three-way (or multi-way) light switch functionality can be obtained by connecting one (or more) RWS "remote" switches (sold separately) to its yellow traveler wire.

The WS1DL can also be configured to be a member of up to 16 Links/scenes or as a two-button transmitter. Select from a list of 16 different commands to be transmitted when each rocker button (top or bottom) is tapped, held or released. This allows the WS1DL to remotely control other devices or update indicators (LEDs on our keypads).

Like all PulseWorx devices, the WS1DL may have basic functions programmed manually or by using PCS's free UPStart Configuration Software. UPStart enables configuring extra parameters as Network Name, Network ID, Unit ID, Room name, Device name, default LED colors, auto shut-off time, etc. As well as test the operation and communication strength of the device.

The professional grade standards include ambient operating temperatures of -40°F to 140°F which is backed by a 5 year warranty.



FEATURES

- WS1DL-6 Max Load 600W
- WS1DL-10 Max Load 1000W
- WS1DL-15 Max Load 1500W
- WS1DL-24 Max Load 2400W
- Default 30% basement dim level, (adjustable w/UPStart)
- Attractive Low-profile decorator style design
- Available in seven colors: White, Light Almond, Almond, Ivory, Black, Brown or Gray
- Three-Way Ready
- Member of up to 16 Scenes
- Auto off Timer built in 1-240 Min
- Receive Sensitivity Adjustable
- Mounts in a standard single or multi-gang wall box
- Power Outage Backup
 - o Permanent scene retention
 - o Power failure restore to last state
- Safety tested for USA and Canada to ETL tested to UL-508-2010 CSA C22.2 #14-2010
- 5 Year Warranty
- Designed and Made in the USA



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WS1R Wall Switch Relay

MODELS

- WS1DL-6-X* 600 W Dimmer
- WS1DL-10-X* 1000 W Dimmer
- WS1DL-15-X* 1500 W Dimmer
- WS1DL-24-X* 2400 W Dimmer
- RWS-X* Remote Wall Switch
- * X = Color White (W), Almond (A),
Light Almond (LA), Ivory (I),

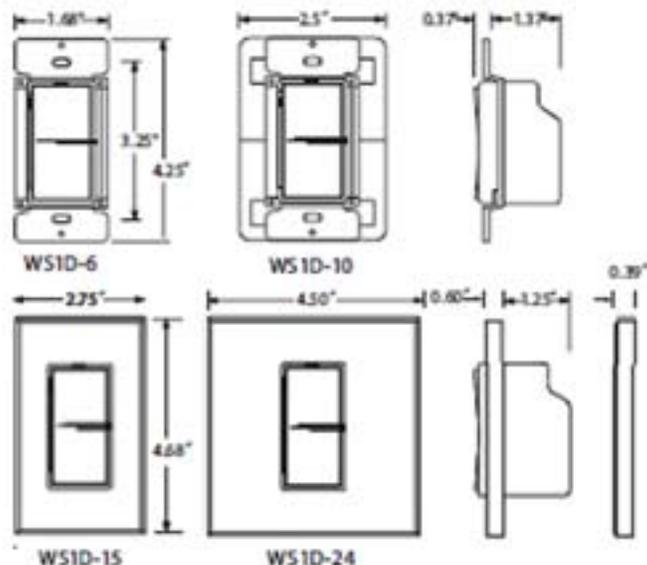
SPECIFICATIONS

Power Requirements	Primary: 120 Volts AC, 50/60Hz Single Phase
Neutral Wire	Required
Connections	16 AWG gauge 105 C insulation Black - Hot/Line White - Neutral Red - Load Ground - 18 AWG stranded copper
Standby Power	< .8 Watts
Load Type	LED, Compact Fluorescent, Fluorescent, Incandescent, Inductive, Magnetic low voltage
I	
Maximum load	WSDL-6 - 600W WSDL-10 - 1000W WSDL-15 - 1500W WSDL-24 - 2400W
Environmental	Indoor Use Only
Temperature:	-40° to 140°F (-40° to 60°C)
Humidity:	10% to 90% RH (non-condensing)
Certifications	Safety tested for USA and Canada ETL tested to UL508 UL-508-2010 CSA C22.2 #14-2010

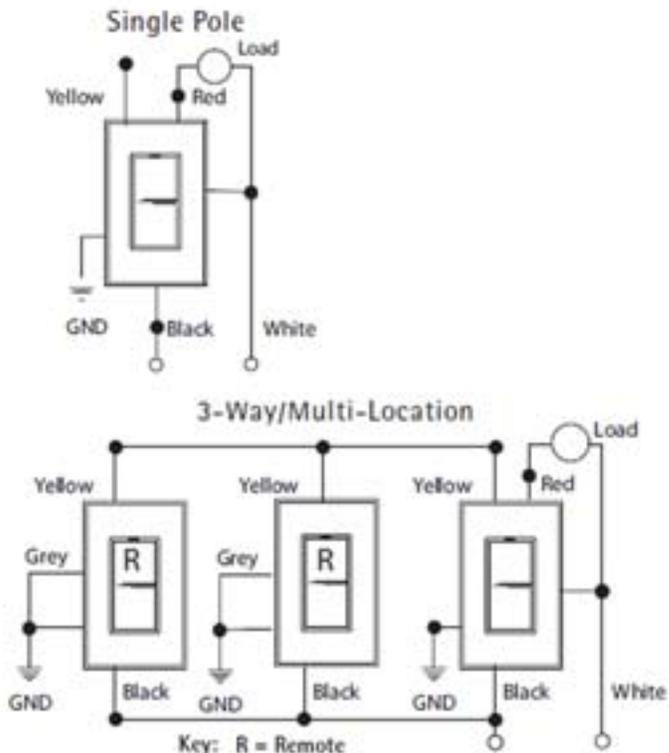
MECHANICAL

Paddle Type	Decorator Style True Rocker
Set Button	Paddle
Wire Nuts	4 included
Mounting	Single Gang or multiple-ganged junction box
Weight	4.55 oz.
Warranty	5 years
US Patent No.	6,734,784; 6,784,790; 7,265,654; 7,688,183. U.S. and foreign patents may be pending.

DIMENSIONS



WIRING DIAGRAM



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