WIRELESS CONTROLS*
WIRELESS RECEIVER (WLVD, W010), SWITCHES (WS), OCCUPANCY SENSORS (WOS)
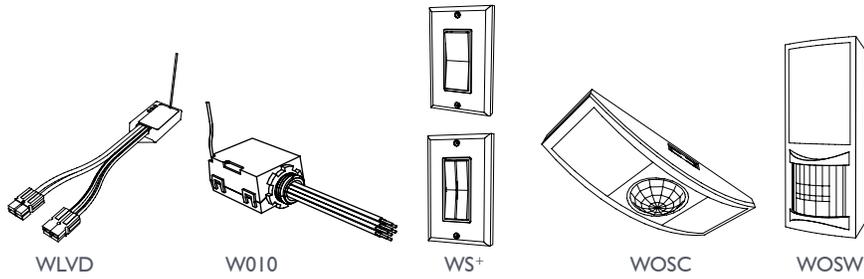
WIRELESS RECEIVER FEATURES

- Provides switching and dimming capability using Pulse Width Modulation dimming at 400 HZ (WLVD) or 0-10V Signal
- EnOcean 902 MHz RF Communication for long range and high reliability
- Pair with switches or sensors (up to 25) for mutiple configurations with no conduit
- Easily programmed or reconfigured in minutes
- Not affected by power outages or other RF signals
- FCC, IC and RoHS compliant
- 5 Year Warranty

Project Name	
Date	
Type	

T/LT

TILT Part Number	

WLVD   W010   WS⁺   WOSC   WOSW

WIRELESS RECEIVER TYPES

Product	Type	Descripion/Use	Mount Style	Temp Range	Power
	WLVD	Wireless Receiver used to dim or switch lights on / off	on 24VDC power supply line with the LED driver	13°F - 140°F	24VDC, 10A max No battery
	W010	Wireless receiver used to dim or switch lights using 0-10V signal. 500W or 2000W versions available	Mount to Jbox or driver enclosure using knock-out. Run 0-10V wire to driver output.	32°F - 122°F	100-277VAC input 500W - 5A Max @ 110V 2000W - 20A Max @ 100V

WS - WIRELESS SWITCH FEATURES

- Provides full range dimming (5-100%) with no flicker
- Four programmable operating modes
- Multiple mounting options
- Can pair up to 25 switches to each receiver
- Not affected by power outages or other RF signals
- 5 Year Warranty

WS   S   W

Type	Switch Type	Frame Color
WS - Wireless Switch	**S** - Single Switch **D** - Double Switch **RC** - Remote Control	**W** - White (standard) **A** - Almond **B** - Black **I** - Ivory Other colors available by request

WS - WIRELESS SWITCHES⁺

Product		Description	Mount Style	Modes	Temp Range	Power	Range
	WSS WSD WSRC	Switch Used to dim or turn lights on / off	In a switch box or mount to a surface using the mounting plate	1 - Rocker 2 - Momentary 3 - Toggle 4 - Scene	14°F - 140°F	Powered through the mechanical operation of the switch. No battery needed.	150 - 300 ft typical
NOTES							

+ Wireless Remotes available (not shown). Portable user input for ON/OFF and dimming. Sends control information to the receiver. For ordering information, see catalog.

* TILT Wireless controls are highly reliable and easily programmed to provide the type of lighting system control that is desired. The WLVD and/or W010 is the receiver. It is paired with switches or sensors in the field. Components can easily be added or removed to reconfigure if needed.
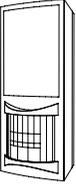
LAUREN ILLUMINATION

WOS - WIRELESS OCCUPANCY SENSORS

FEATURES

- Uses an IR signal to detect motion in the field of view
- Three programmable operating modes
- Multiple mounting options
- Can pair up to 25 sensors to each WLVD or W010
- Not affected by power outages or other RF signals
- Comes with a mounting plate and screws
- 2 minute or 15 minute delay OFF modes
- Solar cells harvest ambient light to operate sensor without power supply
- A 3V battery can be used to supplement power if needed (extended dark periods)
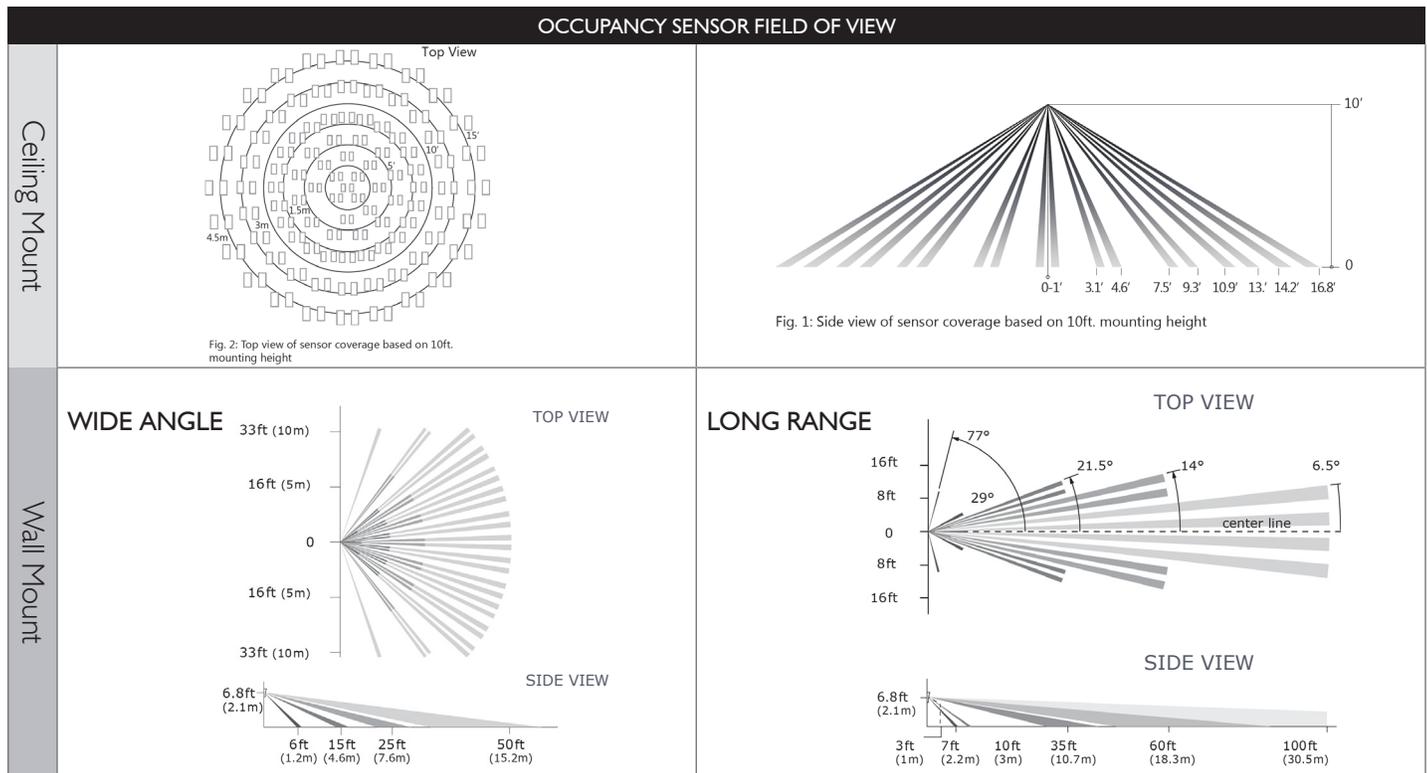- 5 Year Warranty

WOS   C

Type	Switch Type
WOS - Wireless Occupancy Sensor	C - Ceiling W - Wall

Product		Description	Mount Style	Modes	Temp Range	Power	Range
	WOSW	Occupancy Sensor 5.83" H x 2.52" W x 1.80" D	On wall using a mounting plate	1 - Manual On / Auto Off 2 - Auto On / Auto Off 3 - Walk Through	14°F - 104°F	Continuous battery-free operation up to 20 years using indoor Light Energy Harvesting Optional: supplemental 3V battery for extended life	Up to 80 feet from WLVD
	WOSC	Occupancy Sensor 6.30" H x 2.35" W x 1.47" D	On ceiling using mounting plate	1 - Manual On / Auto Off 2 - Auto On / Auto Off 3 - Walk Through			

NOTES

* TILT Wireless controls are highly reliable and easily programmed to provide the type of lighting system control that is desired.
   The WLVD and/or W010 is the receiver. It is paired with switches or sensors in the field. Components can easily be added or removed to reconfigure if needed.

OCCUPANCY SENSOR FIELD OF VIEW

Ceiling Mount

Fig. 2: Top view of sensor coverage based on 10ft. mounting height

Fig. 1: Side view of sensor coverage based on 10ft. mounting height

Wall Mount

WIDE ANGLE

LONG RANGE