



Type(s)

Project

Date

Notes

# GENERAL INFORMATION

The Wireless Wave Switch (ETRS) communicates wirelessly with Echoflex lighting controllers to control the internal relay and output dimming level. The kinetic energy generated by pressing the ON or OFF paddle is enough to send a switch message. No batteries required.

Each pair of paddles can be linked to different controllers to manage multiple circuits from a single wall station. The switch can serve as a straightforward control device, or be part of a complex multi-input strategy, supporting configurations from 3-way to 20-way switching. It features a contemporary, stylish design that complements any interior decor. Available in white, choice of radio frequencies, and single-paddle or dual-paddle.

The ETRS installs easily to any smooth surface using the double-sided tape provided or the screw holes located under the cover.

#### **APPLICATIONS**

- Education: Classrooms, administration
- Hospitality: Banquet halls, lobbies
- Healthcare: reception, administration
- Commercial office: Conference rooms, private offices, open office space, corridors, stairwells

# ORDERING INFORMATION

### Wireless Wave Switch

MODEL	DESCRIPTION
ETRS1U-W	Single-paddle Wave switch, 902 MHz, white
ETRS2U-W	Dual-paddle Wave switch, 902 MHz, white
ETRS1Y-W	Single-paddle Wave switch, 868 MHz, white
ETRS2Y-W	Dual-paddle Wave switch, 868 MHz, white

#### **FEATURES**

- Powered by kinetic energy no batteries
- Wireless elegant design
- Available in single-paddle or dual-paddle models
- Reliable radio reception range of 24 m (80 ft) commercial office spaces (typical), up to 100 m (330 ft) line-of-sight
- Installation options: mounted with double-side tape or screwed to smooth surface



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# **SPECIFICATIONS**

### **HARDWARE**

• Operating mode: On/Off, Dimming

• Power generation: Electrodynamic energy harvester

• Life cycle: 50,000 actuations

• Mounting: Double-sided tape, provided

### **EQUIPMENT PROFILE**

• EEP F6-02-02

- Light Control - ON, OFF, dimming

### **COMMUNICATIONS**

- 902 MHz (U) or 868 MHz (Y) radio frequency
- Wireless range of up to 24 m (80 ft) commercial office spaces (typical), up to 100 m (330 ft) line-of-sight
- Integrated antenna

### **ENVIRONMENTAL**

- Operating temperature: -25°C to 65°C (-13°F to 149°F) ambient
- Relative humidity: 5%–92% non-condensing

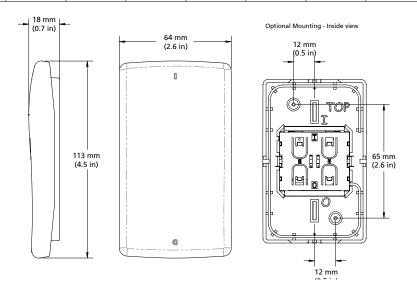
### **REGULATORY AND COMPLIANCE**

- Complies with UL 916
- FCC Part 15.231 Remote Control Transmitter
- ISED (Industry Canada) RSS-210

# PHYSICAL INFORMATION

# Wireless Wave Switch Weight and Dimensions<sup>†</sup>

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	g	OZ
ETRS1	113	4.5	64	2.6	18	0.7	71	2.5
ETRS2	113	4.5	64	2.6	18	0.9	71	2.5





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