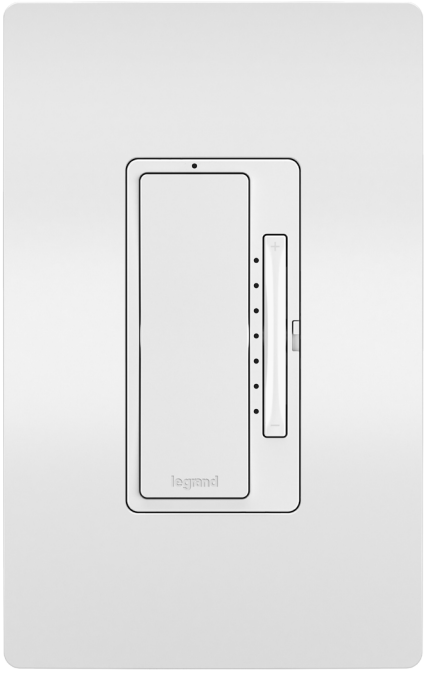
PASS & SEYMOUR®

Smart Tru-Universal Dimmer, Zigbee 3.0



Shown with optional wall plate

Elevate every experience with Smart Dimmers

WZ3RL50

Elevate every experience with Smart Hospitality Solutions by Legrand.

Usable on its own or combined with Legrand's complete Smart Hospitality offering, this Smart Tru-Universal Dimmer lets you select custom settings behind-the-scenes to automate and adjust a room's lighting, enhancing the guest experience while also helping you manage energy and cost. As part of Legrand's collections of designer switches and outlets, the Smart Switch with Zigbee 3.0 pairs its advanced functionality with exceptional style, to further set your brand apart.

Tru-Universal Dimmers work with virtually any dimmable 120V bulb or fixture to offer precise light level control without the flicker.

FEATURES & BENEFITS

- **Automatically turn lights on or off, perfect for enhancing guest comfort and managing energy usage.**
- **Part of the Smart Lighting, Zigbee 3.0 solution for hospitality, commercial office, and multi-dwelling units.**
- **Integrate with the Smart Thermostat with Zigbee 3.0 Hub and other devices for a complete Smart Hospitality Solution.**
- **Works with virtually any dimmable 120V bulb or fixture. Installs easily, neutral wire required.**
- **Self-calibrates when you select your fixture's lighting type, automatically setting the appropriate minimum voltage to eliminate flicker and poor performance.**
- **Low-profile paddle switch offers smoother On/Off control, while a separate, ergonomic slider allows precise light level control. Light levels marked by LED indicator lights.**
- **Locator light illuminates when switch is off, emitting a soft glow to help you find it in the dark.**
- **Compatible with Zigbee 3.0, and the older Zigbee 1.2HA standard. Also IEEE 802.15.4 compliant**
- **More color options available to fit any style, including finishes to match current hardware and lighting trends.**
- **Complete the look with a sleek, screwless wall plate from the radiant® Collection.**

APPLICATIONS

- **Hospitality**
- **Residential**
- **Conference Rooms**
- **Office Spaces**
- **Light Commercial**

COMPLIANCE

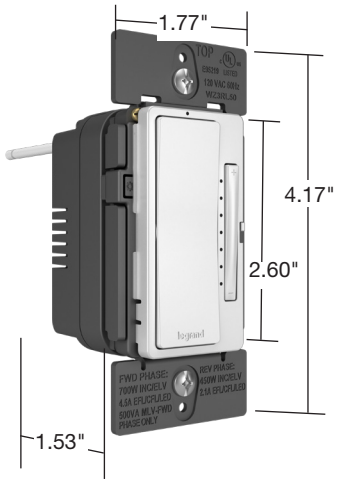
cULus Listed, File E95219, UL508, CSA-C22.2 Nos. 14-13. Conforms to NEMA WD-1 and WD-6. FCC Class B Part 15, IC **RoHS** Compliant

ORDERING INFORMATION

CATALOG NUMBER	DESCRIPTION	RATING	NEMA	COMPLIANCE	COLORS	COO
WZ3RL50WH	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	White	China
WZ3RL50NI	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Nickel	China
WZ3RL50LA	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Light Almond	China
WZ3RL50I	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Ivory	China
WZ3RL50GRY	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Gray	China
WZ3RL50G	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Graphite	China
WZ3RL50DB	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Dark Bronze	China
WZ3RL50BK	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Black	China
WZ3RL50	Smart Tru-Universal Dimmer with Zigbee 3.0	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED	120VAC 60Hz	cULus	Brown	China

White product is stocked, other colors are build to order

TECHNICAL SPECIFICATIONS



3rd Party Compliance

cULus Listed, UL1472, CSA-C22.2 No. 184.1-95.
Conforms to NEMA WD-1 and WD-6. FCC Class B Part 15, IC.

IEEE 802.15.4, Zigbee 3.0 compliant channels 11-25

Can be used to comply with ASHRAE 90.1 & 2016 Title 24 Space Area Control

Performance

ELECTRICAL

Supply Voltage	120 VAC
Maximum Rated Load	FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED
Frequency	60Hz
Installation	Single-Pole
Communication Frequency	2.4GHz
Termination	6" Black Lead - Line 6" White Lead - Neutral 6" Red Lead - Load 6" Green Lead - Ground

ENVIRONMENTAL

Usage	Indoor Use Only
Operating Temperature	32-104F | 0-40C
Weight	.3 lbs

Materials

Paddle	Polycarbonate	Termination	6", 14 AWG, 105C 600V stranded wires
Back Body	Polycarbonate		

Radio

802.15.4	Certified IEEE 802.15.4 2.4GHz radio.
FCC ID	2AU5D982057
ICC ID	25764-982057

Warranty

Two Year Warranty

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Legrand, North America
60 Woodlawn Street
West Hartford, CT 06110
1.877.BY.LEGRAND (295.3472)
www.legrand.us

Canada
905.738.9195
www.legrand.ca

FOLLOW US

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