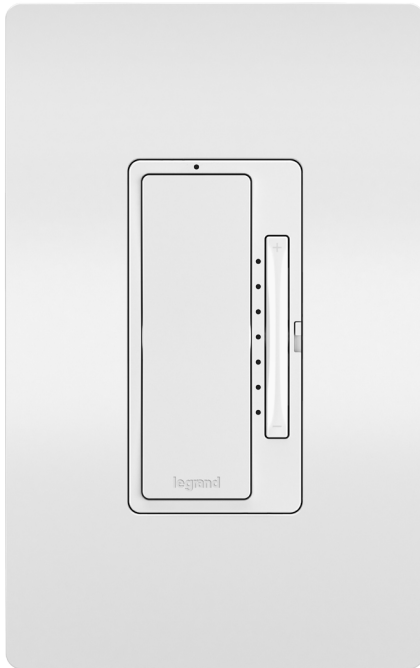


# Smart Tru-Universal Dimmer, Zigbee 3.0



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<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | White        | China |
| WZ3RL50NI      | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Nickel       | China |
| WZ3RL50LA      | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Light Almond | China |
| WZ3RL50I       | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Ivory        | China |
| WZ3RL50GRY     | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Gray         | China |
| WZ3RL50G       | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Graphite     | China |
| WZ3RL50DB      | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Dark Bronze  | China |
| WZ3RL50BK      | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>60Hz | cULus      | Black        | China |
| WZ3RL50        | Smart Tru-Universal Dimmer with Zigbee 3.0 | FWD:700W INC/ELV, 4.5A EFL/CFL/LED, 500VA<br>MLV REV: 450W INC/ELV, 2.1A EFL/CFL/LED | 120VAC<br>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<br>REV: 450W INC/ELV, 2.1A EFL/CFL/LED            |
| Frequency               | 60Hz                                                                                            |
| Installation            | Single-Pole                                                                                     |
| Communication Frequency | 2.4GHz                                                                                          |
| Termination             | 6" Black Lead - Line<br>6" White Lead - Neutral<br>6" Red Lead - Load<br>6" Green Lead - Ground |

#### ENVIRONMENTAL

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

### Materials

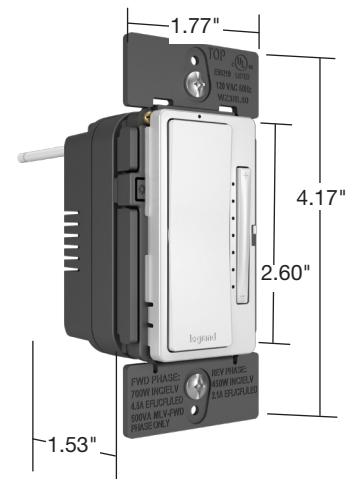
|           |               |             |                                            |
|-----------|---------------|-------------|--------------------------------------------|
| Paddle    | Polycarbonate | Termination | 6", 14 AWG, 105C<br>600V stranded<br>wires |
| Back Body | Polycarbonate |             |                                            |

### 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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