



TSDL153P

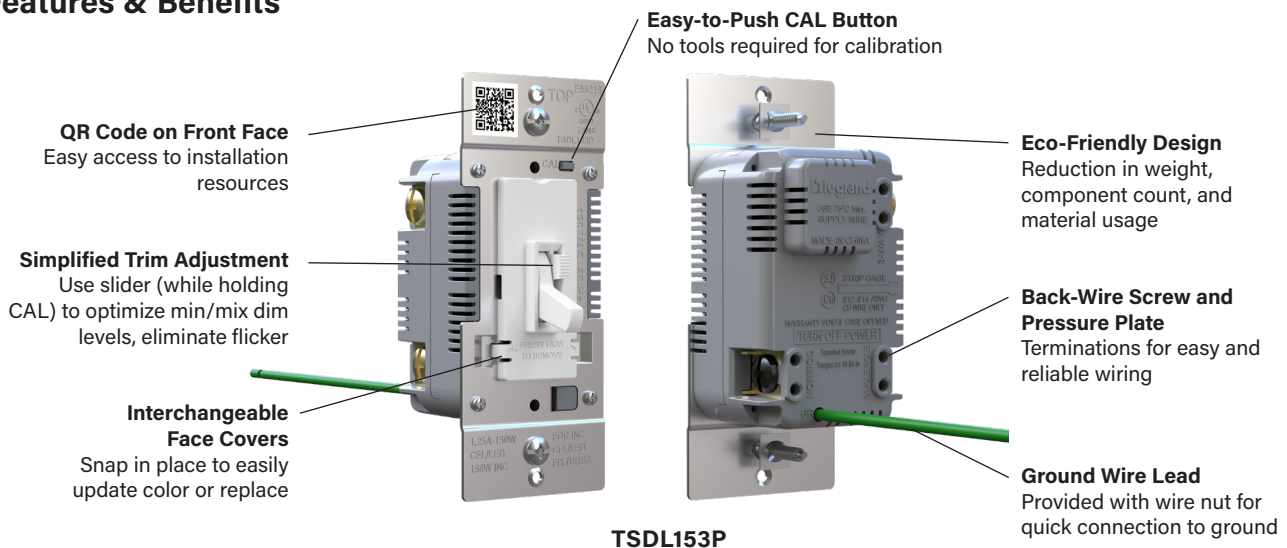
## Advanced dimming for flicker-free control of LED bulbs & fixtures

TSDL153P

Upgrade your space from a standard toggle switch with Legrand's newest LED dimmer switch in the Trademaster® Collection. Designed specifically for control of modern dimmable LED light bulbs and fixtures, this device features advanced circuitry to offer a superior lighting control experience that works right out of the box. The dimmer switch also boasts a variety of user adjustments for optimization and maximum compatibility with a wide range of dimmable LEDs, helping to eliminate unpleasant flickering, start-up delays, and more.

*\*Not intended for use with 0-10V, Magnetic or Electronic Low Voltage Drivers*

## Features & Benefits



- **Preset, single-pole & 3-way operation**
- **No neutral required** to work in any age home
- **Advanced dimming technology** optimized for LED control to work out of the box
- **Wide range of compatibility** with dimmable LED bulbs and fixtures
- **Control up to 150W** of forward phase dimmable LED load types (excludes 0-10V, MLV, ELV drivers)
- **Calibration button** allows low- and high-end adjustment to optimize dimming range and help eliminate flickering
- **Easy to install** reduced depth of backbody makes wiring easier
- **Burst mode** setting helps reduce or eliminate turn on delays when activated
- **QR code on front face** for easy access to installation and calibration videos
- **Constant memory** returns lights and dimmer settings to previous settings after power failure
- **Replace any basic switch** in 15 minutes or less (single-pole or 3-way)
- **Over-temperature protection** prevents overheating of device if loaded over 150W max. rating
- **Cover Change Kits** available in seven colors

## 3rd Party Compliance



cULus Listed (E95219), UL1472, CSA C22.2 No. 184.1-95  
NEMA SSL-7A, Conforms to NEMA WD-1 & WD-6  
California Title 24 Compliant, RoHS compliant

*\*Note: certain LED loads/models are only intended to be dimmed to 5-10% brightness level. Only bulbs/fixtures marked as dimmable may be used.*

## Technical Information

### Performance

#### Electrical

Supply Voltage	120VAC
Output Voltage	120VAC
Maximum Rated Load	150W (1.25A) LED/CFL/INC
Frequency	60Hz
Phase Control	Forward
Installation	Single Pole or 3-Way
Neutral Required	No

#### Mechanical

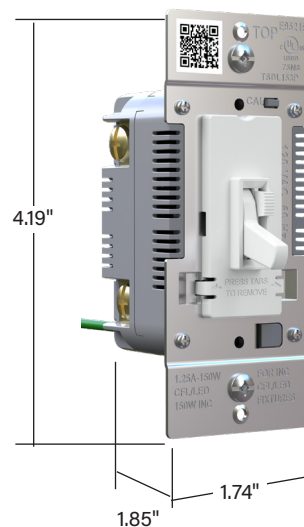
Terminal Accommodation	#12 - #14 AWG solid & stranded
Termination Method	Back-Wire, Screw & Pressure Plate
Screw Torque Requirement	14-16 in-lb
Unit Weight	.205 lbs
Wall Plate Size	Toggle Opening
Depth into Wall Box	1.57"

#### Environmental

Operating Temperature	Max Continuous +40°C, min -40°C
Flammability	UL94 V2
Application	Indoor Use Only
RoHS Compliant	Yes
Prop65 Warning	No
Country of Origin	China

#### Materials

Paddle/Face	Polycarbonate
Body	Polycarbonate
Terminal	Tin Plated Brass
Mounting Strap	Zinc Coated Cold-Rolled Steel .040"
Terminal Screws	#8 Tri-Drive Plated Steel
Ground Screw	Wire Lead #18 AWG
Mounting Screws	#6 Tri-Drive Steel



Depth (Into Wallbox) = 1.57"  
**TSDL153PW**

## Trademaster® Toggle Slide LED Advanced Dimmers Ordering Information

Catalog Number	Description	Color	Voltage	Load Rating	UPC
<b>TSDL153PW</b>	Preset, 1P/3W	White	120VAC, 60Hz	150W LED 150W CFL/INC	78500745056
<b>TSDL153PTC</b>	Preset, 1P/3W	Tri-Color (WH, LA, IV)	120VAC, 60Hz	150W LED 150W CFL/INC	78500745057
<b>TSDL153PLA</b>	Preset, 1P/3W	Light Almond	120VAC, 60Hz	150W LED 150W CFL/INC	78500745058
<b>TSDL153PI</b>	Preset, 1P/3W	Ivory	120VAC, 60Hz	150W LED 150W CFL/INC	78500745059
<b>TSDL153P</b>	Preset, 1P/3W	Brown	120VAC, 60Hz	150W LED 150W CFL/INC	78500745060
<b>TSDL153PBK</b>	Preset, 1P/3W	Black	120VAC, 60Hz	150W LED 150W CFL/INC	78500745061
<b>TSDL153PGRY</b>	Preset, 1P/3W	Gray	120VAC, 60Hz	150W LED 150W CFL/INC	78500745062
<b>TSDL153PW10PK</b>	Preset, 1P/3W (10 Pack)	White	120VAC, 60Hz	150W LED 150W CFL/INC	78500745466
<b>TSDL153PW3PKCC4</b>	Preset, 1P/3W (3 Pack)	White	120VAC, 60Hz	150W LED 150W CFL/INC	78500745068

### Guide Specifications

Single Pole/3-Way Trademaster® Toggle Slide LED Advanced Dimmers: Part No. TSDL153P[W][LA][I][BK][GRY]; preset single pole and 3-way operation; no neutral required, 120 VAC, 60Hz; 1.25A (150W) LED, CFL, Incandescent; controls up to 150W of forward phase dimmable LED loads, advanced dimming technology for wide range of LED compatibility, easy to push calibration button adjusts low- and high-end of dimming range, burst mode setting reduces or eliminates start-up delays; front face QR code permits easy access to installation and optimization guidance; constant memory returns dimmer and lights to previous level after power failure; polycarbonate face and body, brass contacts, steel mounting strap, wiring terminals accept #12-#14 AWG solid and stranded wire; color [white][light almond][ivory][brown][black][gray].

### Accessories: Color Change Kits



Catalog Number	Color
<b>TSD2KITW</b>	White
<b>TSD2KITLA</b>	Lt. Almond
<b>TSD2KITI</b>	Ivory
<b>TSD2KIT</b>	Brown
<b>TSD2KITBK</b>	Black
<b>TSD2KITGRY</b>	Gray
<b>TSD2KITRED</b>	Red

### Vertical Markets

- Residential
- Multiple Dwelling
- Hospitality/Lodging
- Light Commercial
- Restaurants
- Office/Education

All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.



**Legrand, North America**  
60 Woodlawn Street  
West Hartford, CT 06110  
1-877-295-3472  
www.legrand.us

**Canada**  
1-844-977-3783  
www.legrand.ca

FOLLOW US

