

# Universal toggle dimmer

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Description

Single-pole & 3-way  
 300W Dimmable LED, Dimmable Compact Fluorescent (CFL)  
 600W/VA Incandescent (INC)/Halogen (HAL), Dimmable Fluorescent (FLR), Magnetic Low-Voltage (MLV), Electronic Low-Voltage (ELV)



TUL06P-C2

## Design features

- Preset feature allows user to return to previous light level when turning lights ON
- Integrated full-slide control for easy, precise operation
- Device can be wired into either 3-way location (load side or line side)
- Neutral is not required for installation of device
- Adjustable low-level trim setting for optimal lamp compatibility
- Faceplate is removable to allow for color changes
- Radio frequency interference filtering is standard on all models
- Electrostatic discharge protection
- Compatible with any traditional toggle wallplate or screwless toggle wallplate
- Compatible with most common dimmable lighting loads (Forward phase-cut)
- Color change kits are available with packout of 3 different colors for increased flexibility and convenience
- Soft gradual ON feature
- California Title 20/24 compliant

**Table 1. Universal Toggle Dimmer, Back & Side Wire**

Catalog No.	Description	Compatible Lamp Types	Rating			Color Suffix
			Watt	V/AC		
□ TUL06P-__	Universal toggle dimmer single pole/3-way preset, back and side wire	Dimmable LED/CFL	300	120		C2, C7
		INC, HAL, FLR, MLV, ELV	600	120		C2, C7
□ TCK3-__	Color change faceplate for TUL06P	—	—	—		B, BK, GY, LA, V, W

**Compliances, specifications and availability are subject to change without notice.**



Powering Business Worldwide

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## Applications

The universal toggle dimmer offers a traditional toggle look with integrated full-range dimming for 300W dimmable LED and CFL as well as 600W incandescent, halogen, dimmable fluorescent, electronic low-voltage & magnetic low-voltage light sources. These units are ideal for residential and light commercial applications and are compatible with Eaton's Wiring Devices traditional toggle style devices and wallplates. The preset feature automatically returns light(s) to the previous setting. The device is designed for both single pole (one location) and 3-way (multi-location) applications, and features a soft gradual ON setting that provides seamless dimming.

**Table 2. Specifications**

<b>Catalog No.</b>	<b>TUL06P, TCK3 Series</b>
<b>Device Type</b>	<b>Universal Toggle Dimmer</b>
<b>Wiring Type</b>	Back & side wire
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>• cULus Listed to UL1472, file no. E47967</li> <li>• NOM Certified</li> <li>• California Title 20/24 compliant</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 70°C (-4°F to 158°F)
<b>Electrical Specifications</b>	<b>Rating:</b> 120V/AC 60 Hz <b>Light Intensity Control:</b> Full-range, continuously variable dimming <b>Dimming Performance:</b> Solid State Dimming <b>Radio Frequency Interference:</b> Designed to reduce interference with radio, audio and video equipment <b>Power-failure Memory:</b> Light returns to same level prior to power interruption <b>Lamp Ratings:</b> 300W dimmable LED/CFL 600W incandescent, halogen, dimmable fluorescent, electronic low-voltage, magnetic low-voltage
<b>Mechanical Specifications</b>	<b>Wiring Types:</b> Single pole & 3-way <b>Voltage Ratings:</b> Permanently marked on device

**Table 3. Materials**

<b>Catalog No.</b>	<b>TUL06P, TCK3 Series</b>
<b>Top Housing</b>	Polycarbonate
<b>Bottom Housing</b>	Polycarbonate
<b>Strap</b>	Aluminum
<b>Form Factor</b>	Decorator
<b>Finish</b>	Gloss

**Table 4. De-Rating Chart - 600W Models**

Lamp Type	1-Gang	2-Gang	3-Gang +
<b>LED/CFL</b>	300W max.	300W max.	300W max.
<b>INC, HAL, ELV</b>	600W max.	600W max.	600W max.
<b>MLV</b>	600VA max.	600VA max.	600VA max.
<b>FLR</b>	600W max.	600W max.	600W max.

**Table 5. Color Ordering Information**

For ordering devices, include Catalog no. followed by the Color suffix: C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: B, BK, GY)

LA	W	V	BK	B	GY
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— C2 Color Change Kit — | — C7 Color Change Kit —  
 LA (Light Almond), W (White), V (Ivory) | BK (Black), B (Brown), GY (Gray)

**Table 6. Quick Compatibility Guide**

Refer to [www.Eaton.com/led-dimming](http://www.Eaton.com/led-dimming)

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

**Product Dimensions**

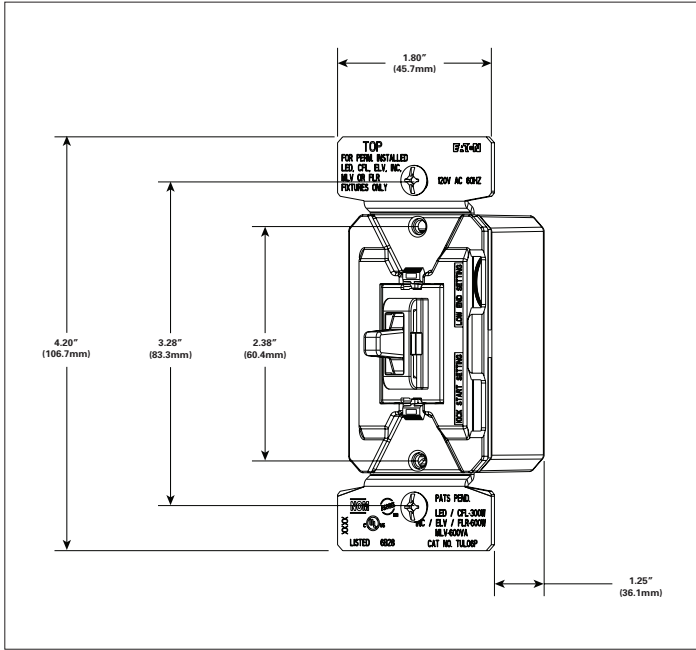


Figure 1. TUL06P Line Art With Dimensions

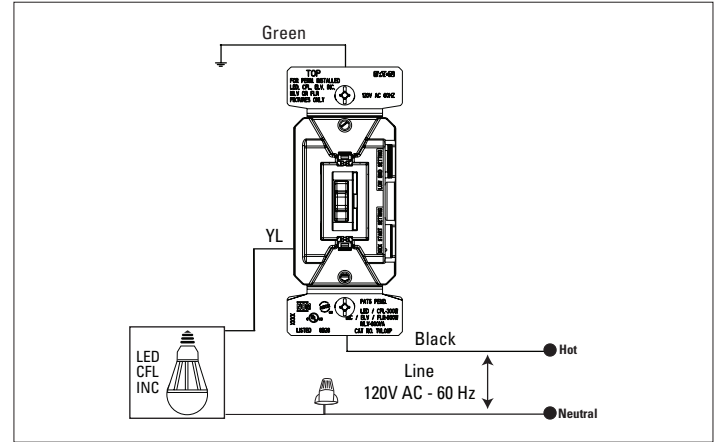
**Certifications & Compliances**

Catalog No.			
TUL06P	•	•	•
TCK3	•	•	•

**KEY:** cULus NOM TITLE 20/24

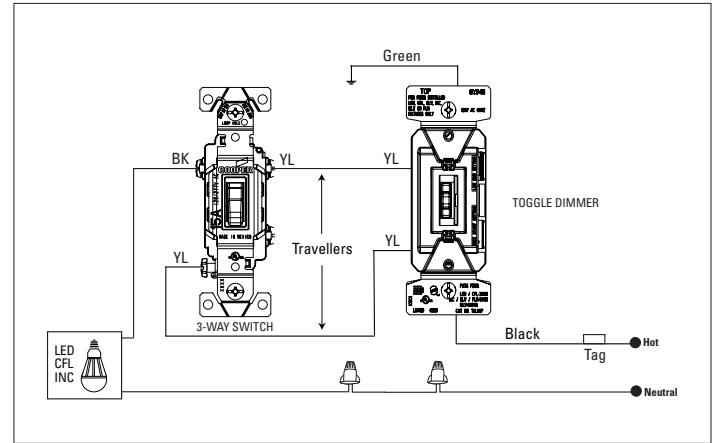
**Wiring Diagrams**

**Single Pole Wiring Diagram  
INC, HAL, LED/CFL, FLR, MLV, ELV**



**Note:** Location of terminal screws are color-coded with “BK” or “YL”

**3-Way Wiring Diagram  
INC, HAL, LED/CFL, FLR, MLV, ELV**



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Eaton.com/wiringdevices

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