

# Universal decorator dimmer

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

## Description

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



## 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 decorator wallplate or screwless decorator 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. Decorator AL Series Dimmer, Back & Side Wire**

Catalog No.	Description	Compatible Lamp Types	Rating		Color Suffix
			Watt	V/AC	
□ DUL06P-__	Universal decorator dimmer, single pole/3-way preset, back and side wire	Dimmable LED/CFL	300	120	C2, C6, C7
		INC, HAL, FLR, MLV, ELV	600	120	C2, C6, C7
□ DCK1-__	Color change faceplate for DUL06P	—	—	—	A, B, BK, GY, LA, V, W

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

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## Applications

The universal decorator dimmer provides full-range classic linear-slide 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 decorator 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**

Catalog No.	DUL06P, DCK1 Series
<b>Device Type</b>	<b>Universal Decorator 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**

Catalog No.	DUL06P, DCK1 Series
<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), C6 (Color Change Kit: RB, W, SG), C7 (Color Change Kit: B, BK, GY)

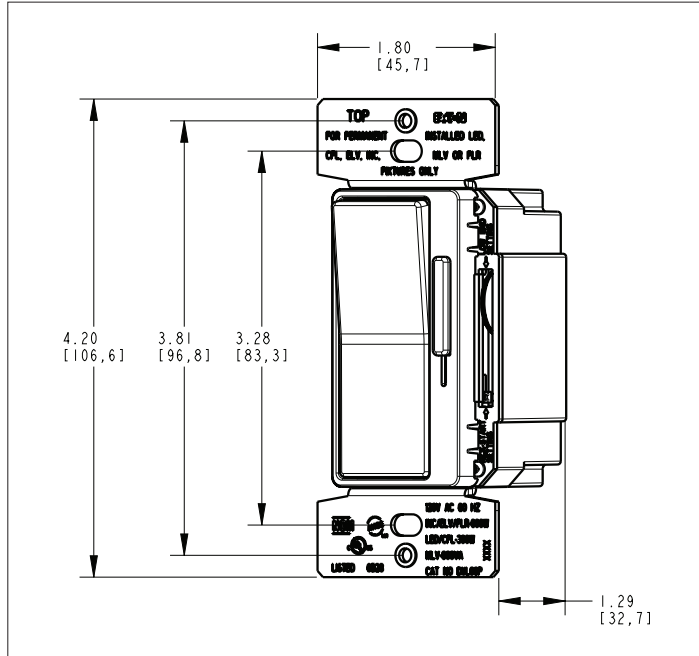
LA	W	V	W	RB	SG	BK	B	GY
C2 Color Change Kit LA (Light Almond), W (White), V (Ivory)			C6 Color Change Kit W (White), RB (Oil Rubbed Bronze), SG (Silver Granite)			C7 Color Change Kit BK (Black), B (Brown), GY (Gray)		

**Table 6. Quick Compatibility Guide**

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

Project Name:	Prepared By:
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Catalog Number:	Type:

**Product Dimensions**



**Certifications & Compliances**

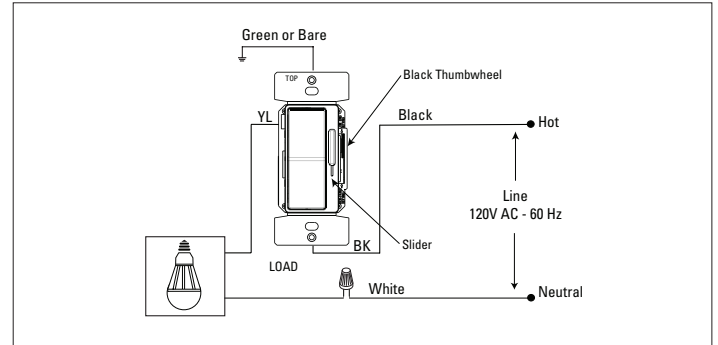
Catalog No.			
DUL06P	•	•	•
DCK1	•	•	•

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

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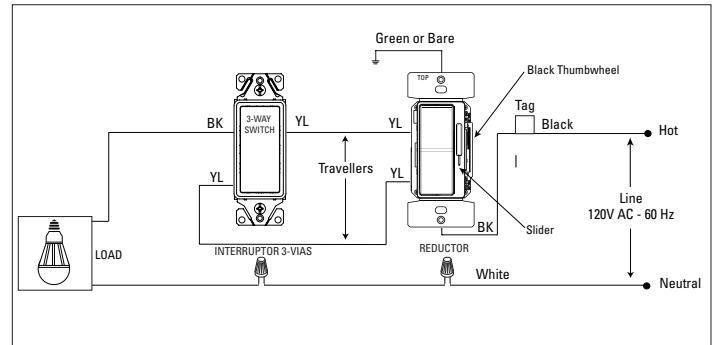
**Wiring Diagrams**

**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**



**Note:** 3-way switch must be used at the other locations.

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203 Cooper Circle  
Peachtree City, GA 30269  
United States  
Eaton.com  
Eaton.com/wiringdevices

Electrical Sector  
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Mississauga, Ontario, L5R 1B8  
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Cauatitlán Km 17.8 s/n  
Col. Villa Jardín esq.  
Cerrada 8 de Mayo  
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