

# INVENTRONICS

## Tested 0-10V Dimmers

The table below provides information on the 0-10V dimmers that have been tested across several representative Inventronics 0-10V families. Questions related to the dimmers listed should be directed to the corresponding manufacturer.

Manufacturer	Series	Model Number	Dims To:		Trims To:		Dims Without Added Power (5)	Expected Dimming Performance (6)
			Off (1)	Full Range (2)	≤ 1V (3)	≥ 9V (4)		
<a href="#">Cooper Eaton</a>	Devine	DF10P-C1	n/a	✓	✓	✓	✓	✓
<a href="#">Leviton</a>	Decora	DD710-BDZ	n/a	x	✓	✓	x	✓
	Renoir II	AWSMT-7DW	n/a	x	n/a	n/a	x	✓
<a href="#">Lutron</a>	Diva	DVTV	✓	✓	✓	✓	✓	✓
		DVSTV	n/a	✓	✓	✓	✓	✓
	Nova T	NTFTV	n/a	✓	✓	✓	✓	✓
		NTSTV-DV	n/a	✓	✓	✓	✓	✓
<a href="#">Wattstopper</a> <a href="#">Legrand</a>	n/a	ADF120277	n/a	x	✓	x	✓	✓
		DCLV1	n/a	x	n/a	n/a	x	x

✓ meets criteria      x does not meet criteria      n/a does not have feature to test

### Notes:

- (1) **Dims To Off:** made to support dim-to-off drivers and successfully dimmed drivers to dim-to-off state
- (2) **Dims To Full Range:** able to provide both a 1V signal and a 9V signal accessing the full dimming range (no trade-off on the high end or low end)
- (3) **Trims To ≤ 1V:** has a trim potentiometer and is able to fine-tune dimming range ≤ 1V
- (4) **Trims To ≥ 9V:** has a trim potentiometer and is able to fine-tune dimming range ≥ 9V
- (5) **Dims Without Added Power:** dimming function works and can be tested without added power (Leviton - AC Power | Wattstopper - Power Pack)
- (6) **Expected Dimming Performance:** generally dimmed without adding perceived “steps”, “bounce”, or “flicker”
  - a. This is a subjective test. It is recommended that additional testing be completed to ensure satisfaction

### Disclaimer

This note is for reference only. It is the responsibility of the customer to thoroughly analyze all aspects of the customers’ proposed application for the products. The customer is solely responsible for making the final selection of the product(s) to be used and to assure that all performance and safety requirements of the application are satisfied. Inventronics makes no representation or warranty as to the completeness or accuracy of the information contained herein. The products and specifications set forth in this document are subject to change without notice and Inventronics disclaims any and all liability for such changes.

**Inventronics (Hangzhou), Inc**  
+86-571-56565800  
[sales@inventronics-co.com](mailto:sales@inventronics-co.com)

**Inventronics Europe**  
+31-857-470-061  
[eu-sales@inventronics-intl.com](mailto:eu-sales@inventronics-intl.com)

**Inventronics USA**  
+1-405-600-7480  
[usa-sales@inventronics-co.com](mailto:usa-sales@inventronics-co.com)

*Information presented in this note is subject to change without notice.*