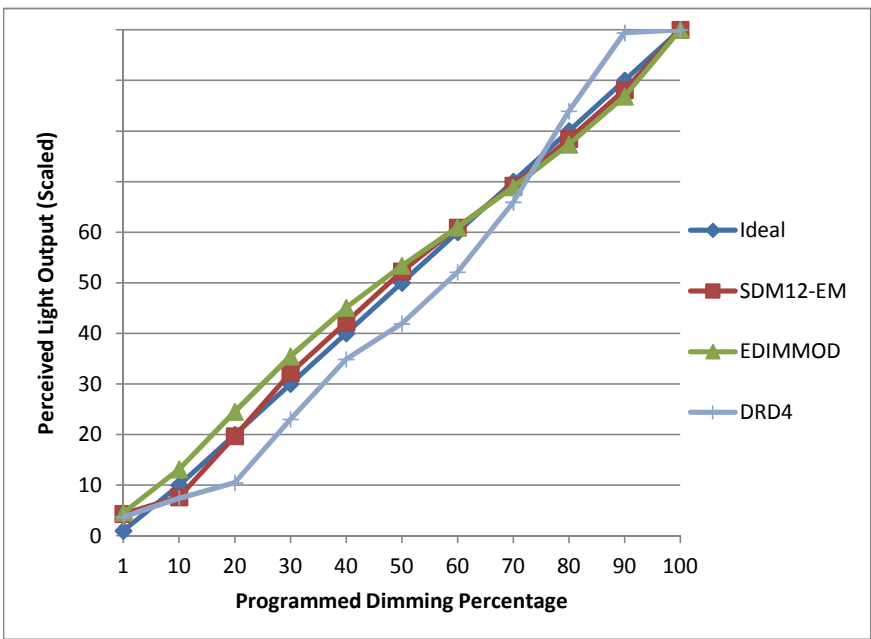


**Manufacturer** WAC Lighting  
**Model** HR-3LED-T118F-W-WT in housing HR-3LED-H18D-ICA  
**Description** 3" Open Round Trim 50D Angle 3000K LED in housing  
**Driver** Internal  
**Nominal Power (W)** 21.5  
**Dimming Control** Line Voltage, Forward- and Reverse-phase  
**Product Range** Tesla  
**Test Date** 1/8/2013

Dimmer Tested Against:	SDM12-EM	EDIMMOD	DRD4
Pass/Fail	Pass	Pass	Pass
Best-Fit Power Profile:			Standard
Minimum ON	1	1	2
Maximum ON	81	50	
Adjust	-20	70	
Light Output Range (vs. non-dimmed)			
Maximum (Perceived)	96.1%	99.1%	100.0%
Minimum (Perceived)	4.1%	4.5%	3.7%
Minimum (Measured)	0.2%	0.2%	0.1%

Linearity Curves (Best-fit Power Profile Applied):

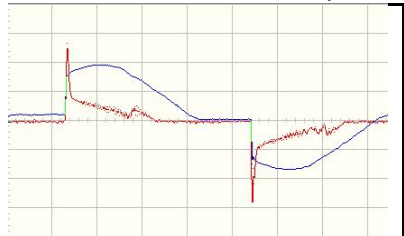


**Observations:**

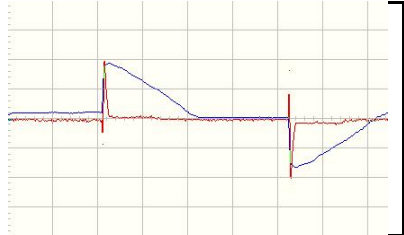
Current spikes occur in forward-phase dimming at the point the triac fires. No corresponding spike in reverse-phase dimming would suggest a preference for reverse-phase dimmers when possible.

**Forward-phase**

100% Dim Level Waveform Capture

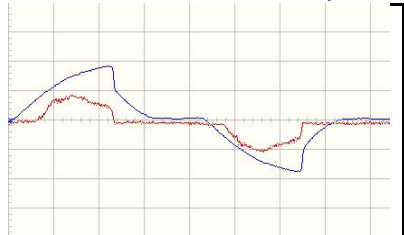


50% Dim Level Waveform Capture



**Reverse-phase**

100% Dim Level Waveform Capture



50% Dim Level Waveform Capture

