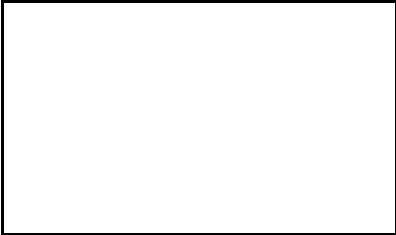


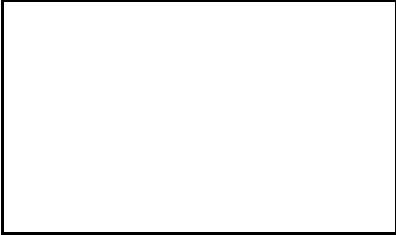
**Manufacturer** Elemental LED, Inc. DBA Diode LED  
**Model** DI-12V-BL30-8016  
**Description** Ribbon LED, 12VDC, 16.4' @2.88W/ft  
**Driver** DI-0922  
**Nominal Power (W)** 60W  
**Dimming Control** Forward-phase  
**Product Range**  
**Test Date** 3/27/2014

Dimmer Tested Against:	<b>SDM12-EM</b>	<b>DRD4</b>	
Pass/Fail	Pass	Fail	
Best-Fit Power Profile:		Default	
Minimum ON	4.5		
Maximum ON	90		
Adjust	100		
Light Output Range (vs. non-dimmed)			
Maximum (Perceived), 120V	96.1%	100.0%	
Minimum (Perceived)	12.5%	13.8%	
Minimum (Measured)	1.6%	1.9%	

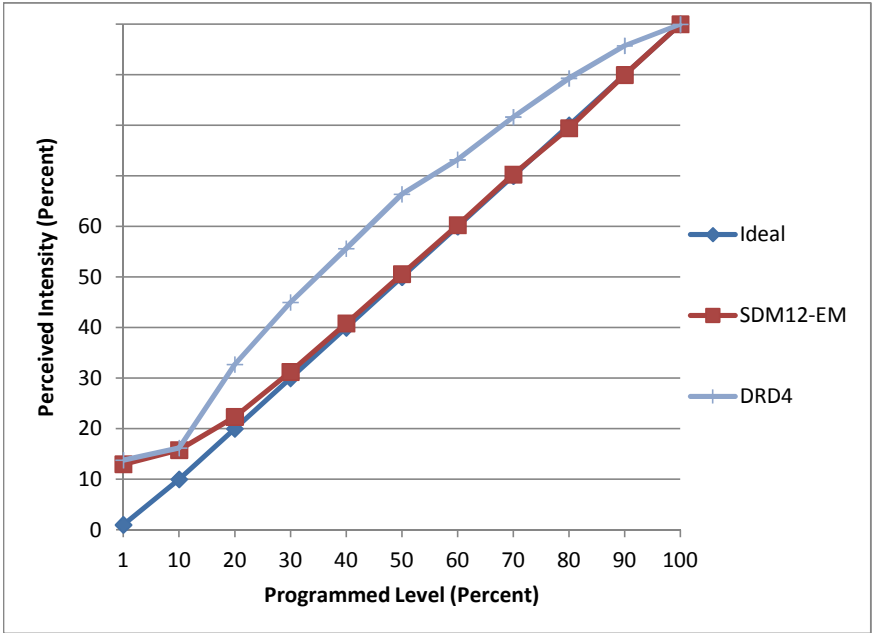
**Forward-phase**  
 100% Dim Level Waveform Capture



50% Dim Level Waveform Capture



Linearity Curves (Best-fit Power Profile Applied):



**Observations:**

Low-end trim eliminates flicker at low levels. Reducing the Minimum On value would improve beyond the impressive 1.6% dim level but at the cost of flicker.  
 DRD4 fails to turn off the light when shut off, thus the fail.

**Not compatible with ScenePoint Dimmer.**