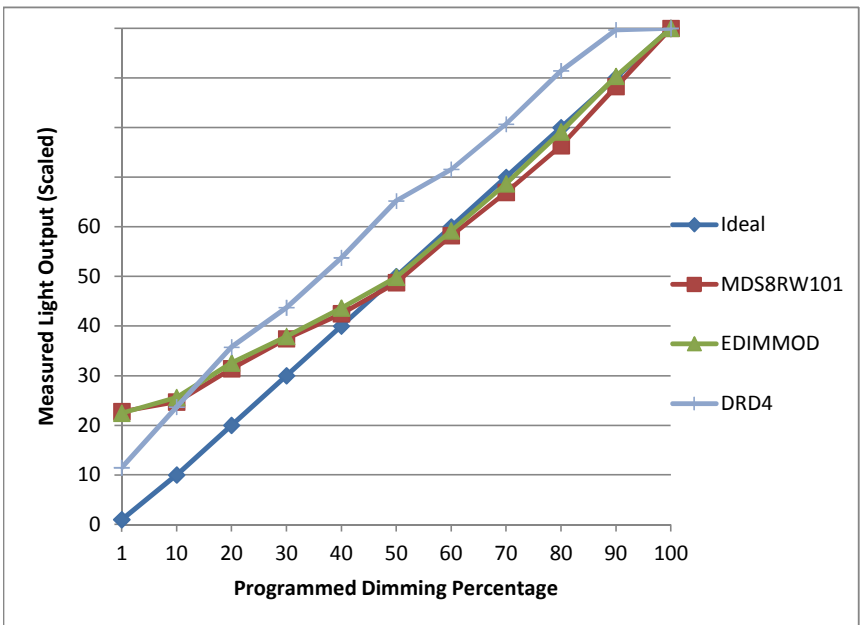


Manufacturer OSRAM Sylvania
Model LED15PAR30/DIM/P/930
Description PAR30 Lamp Replacement - 50W equivalent
Driver internal
Nominal Power (W) 12
Dimming Control Line voltage, forward- and reverse-phase control
Product Range Ultra LED Professional Series
Test Date 6/16/2011

Dimmer Tested Against:	MDS8RW101	EDIMMOD	DRD4
Pass/Fail	Pass	Pass	Pass
Best-Fit Power Profile:			Standard
Minimum ON	4	4	3
Maximum ON	81	85	
Adjust	90	80	
Light Output Range (vs. non-dimmed)			
Maximum (Perceived)	95.8%	97.2%	100.0%
Minimum (Perceived)	21.8%	21.8%	11.5%
Minimum (Measured)	4.8%	4.8%	1.3%

Linearity Curves (Best-fit Power Profile Applied):



Observations:

Gradual level stepping observed throughout dimming range, although- not enough to produce flicker effect during fades and ramps.

Low-end trim avoids unreliable operation exhibited at low dimming levels.

Linearity is significantly improved by application of high-end trim capability of InFusion-series dimmers.

The only Vantage-branded dimmer with minimum load issue is the ScenePoint Dimmer, which requires 2 lamps minimum load.