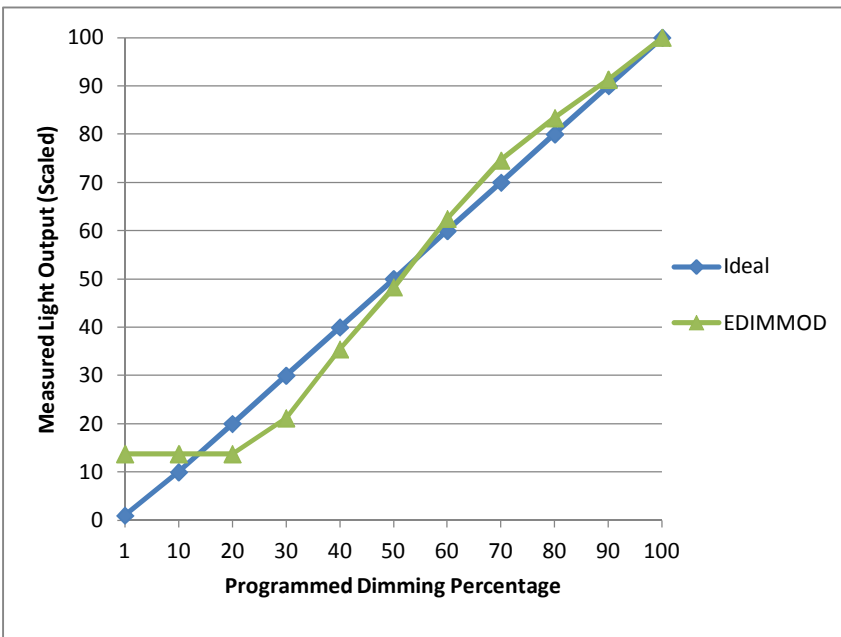


Manufacturer The Lighting Quotient
Model S170-0700-S-02-T-000-Q-30-TE-A
Description Outdoor Small Smooth Surface LED
Driver Integral
Nominal Power (W) 20
Dimming Control Reverse-phase
Product Range fraqtir
Test Date 4/15/2013

Dimmer Tested Against:	EDIMMOD		
Pass/Fail	Pass		
Best-Fit Power Profile:			
Minimum ON	0.4		
Maximum ON	90		
Adjust	100		
Light Output Range (vs. non-dimmed)			
Maximum (Perceived)	97.4%		
Minimum (Perceived)	13.4%		
Minimum (Measured)	1.8%		

Linearity Curves (Best-fit Power Profile Applied):



Reverse-phase

100% Dim Level Waveform Capture



50% Dim Level Waveform Capture



Observations:

Very slight shimmer (no flicker) at low end.

Manufacture specifies reverse-phase dimming compatibility. Examined with forward-phase dimmer and it does dim, but high harmonic currents result, which may cause premature dimmer triac failure.