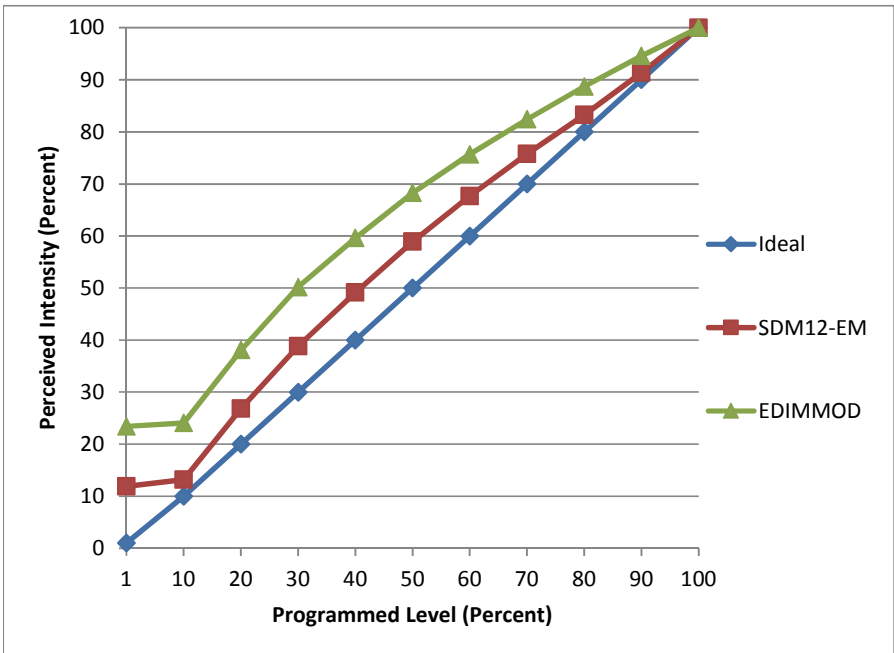


Manufacturer Sunco
Model SC12W43K90
Description 4" LED Downlight Retrofit Kit
Driver integrated
Nominal Power (W) 12
Dimming Control forward-phase (possibly reverse-phase)
Product Range
Test Date 10/2/2015

Dimmer Tested Against:	SDM12-EM	EDIMMOD	
Pass/Fail	Pass	Pass	
Best-Fit Power Profile:			
Minimum ON	0	0	
Maximum ON	91	85	
Adjust	100	100	
Light Output Range (vs. non-dimmed)			
Maximum (Perceived)	95.1%	95.0%	
Minimum (Perceived)	11.3%	22.3%	
Minimum (Measured)	1.3%	5.0%	

Linearity Curves (Best-fit Power Profile Applied):



Observations:

Manufacturer states "dimmable when using leading edge dimmers".
 I see current spikes with leading edge (forward-phase or standard dimmer)
 that I don't see with trailing edge dimmer, which would make it appear
 that it is equally or more compatible with trailing edge, but the dimming
 linearity and dimming floor are superior with leading edge.