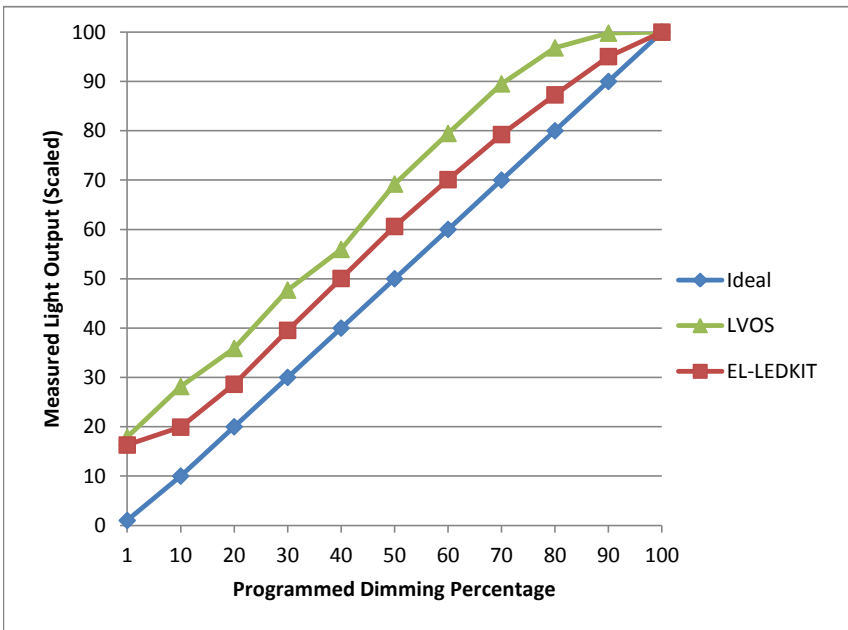


Manufacturer Imtra
Model ILP006050
Description Marine Application Downlight
Driver Internal
Nominal Power (W) 4.7
Control Current 155 microamps (do not drive more than 30 fixtures on one output.)
Dimming Control PWM - Inverse
Product Range Portland WW
Test Date 2/25/2013

Dimmer Tested Against:	0-10	PWM	
Pass/Fail	Pass		
Best-Fit Power Profile:			
Minimum ON	0.35	2	
Maximum ON	1.8	30	
Adjust	100	100	
Light Output Range (vs. non-dimmed)			
Maximum (Perceived)	99.8%	96.5%	
Minimum (Perceived)	17.8%	15.7%	
Minimum (Measured)	3.2%	2.5%	

Linearity Curves (Best-fit Power Profile Applied):



Observations:

Minor flicker observed at extreme low end of the dimming range.
 If this flicker is unacceptable to the system owner or specifier, the Minimum ON value should be increased to a point where flicker no longer is unacceptable (trading off for a higher minimum light output).
 Operation is inverse to the PWM standard, so that 100% PWM duty cycle corresponds to 100% light output level.
 Light stutters a little as levels are changed toward lower end of dimming curve, settles when dimming level is static.
 Light turns off through dimming control without switching off power leg.