



# APPLICATION NOTE

January 2018 Rev A

## USE THE “Low Pass” 50/60 HZ FILTER WHEN TESTING WITH THE PRO93 and Pro95

*The sensitive milliamp clamp-meters from Armada have a special filter that needs to be set for measuring current in lighting and irrigation systems. This filter is known as the Low Pass Filter (LPF) and can be used to limit current measurements to near AC power frequencies of 50 or 60 Hz. Using the filter will make measurements meaningful and consistent.*

### **Set your meter's Low Pass Filter –**

Pro93: Use the 50/60 Hz-HOLD button to select 50/60 Hz mode. The meter's LCD screen will show “50/60 Hz” when selected. If not selected “WIDE” will appear, meaning the measurement frequency range is too broad.

Pro95: Use the LPF-HOLD button to select 50/60 Hz mode. The LCD screen will show “LPF” when 50/60 Hz mode is selected.



Example 2 - Pro93



Example 1 - Pro95

