

Performing Measurements with FluxGage

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Introduction

The FluxGage system was designed for testing LED luminaires. FluxGage provides the same functionality as an integrating sphere system in a compact form factor.

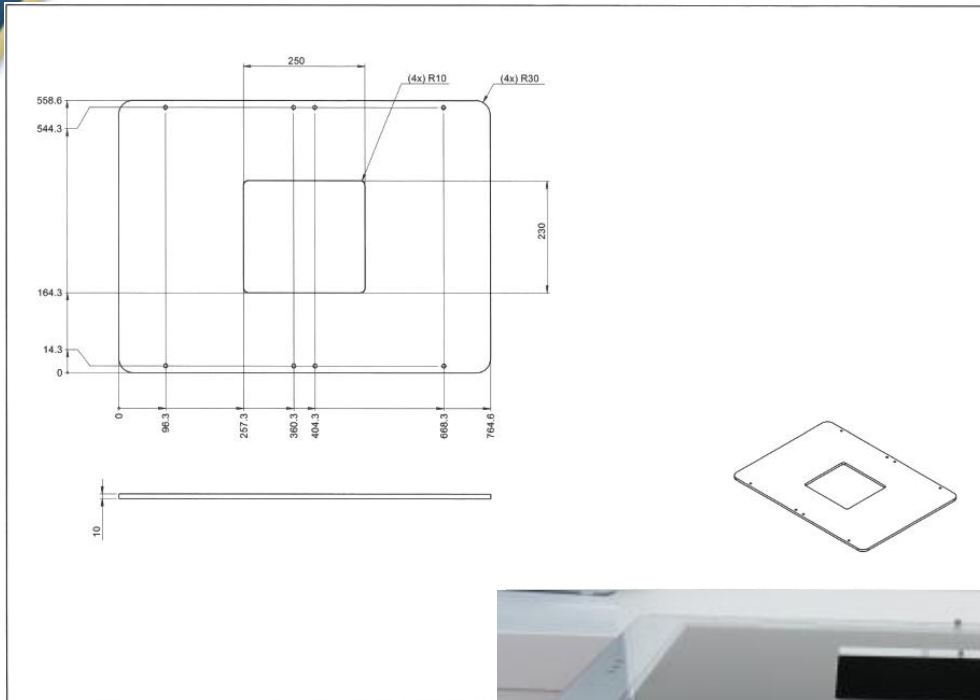
This application note explains basic setup and usage of FluxGage.



Setting Up

- When performing measurements with FluxGage, the DUT (Device Under Test), should be level with the opening or up to 2.5cm (1 inch) inside the FluxGage.
- The DUT should be centered to within 2.5cm tolerance.
- The best way to position the DUT is to prepare a frame made of plastic or metal that can be secured to the upper rim of the FluxGage using 1/4-20 inch screws.
- The frame should have a cutout at the center, to allow light into the FluxGage.
- The frame should be black on the inside

Example of Support Frame



- The support frame should be black on the inside



Using FluxGage

- Install the software, turn the FluxGage on, and turn on the software.
- Measurement steps:
 - Turn the DUT on.
 - Press Autoset. Wait until Autoset is done.
 - Turn the DUT off.
 - Press Background. Wait until Background is done.
 - Turn the DUT on. Measured data will appear and update continuously.

