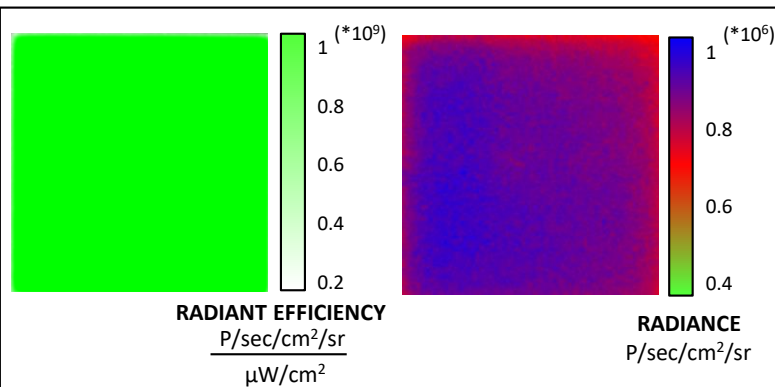
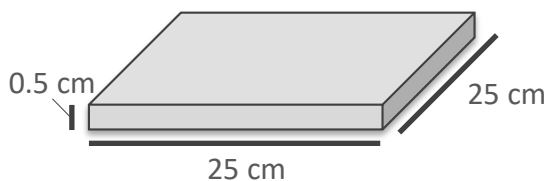


# Phantech

Our fluorescent/luminescent flat-field uniformity phantoms offer a standardized method to run longitudinal quality control measurements of your optical system's entire field-of-view (FOV). By mapping the signal detected over the entire FOV using our flat-field uniformity phantoms, one can correct/normalize for non-uniformity so system performance is validated and quantitative results are more accurate. These phantoms can be manufactured in 1 of 4 different proprietary fluorescent materials (spectra shown under "options"), covering the range of the visible spectrum and all commonly used fluorescent probes. Additionally, all 4 materials emit phosphorescence light which can be detected using standard luminescence protocols. Please contact us today with questions about options and pricing!



Fluorescence (left) and luminescence (right) images of our optical flat-field uniformity phantom made with proprietary fluorescent and phosphorescent materials. Images were acquired on a Perkin Elmer IVIS Spectrum, but the phantoms are compatible with many optical imaging systems, including image-guided NIR intraoperative systems.



The diagram above is an example of the dimensions used for the Perkin Elmer IVIS Spectrum. This phantom is designed to be in the exact same position so longitudinal measurements can be made.

## FLUORESCENT/LUMINESCENT FLAT-FIELD UNIFORMITY PHANTOMS

### APPLICATIONS

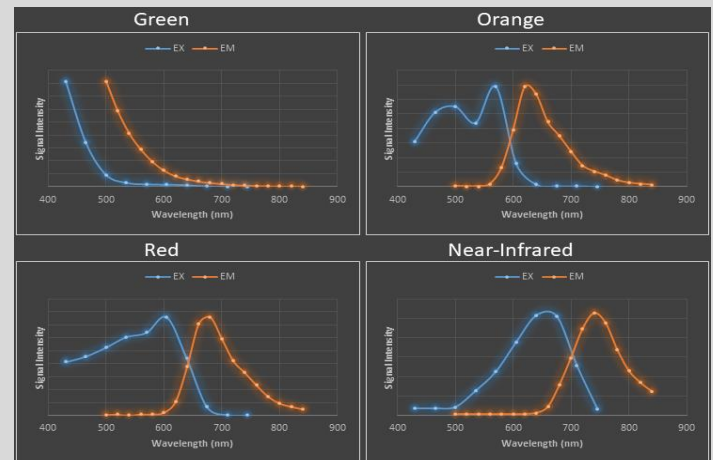
- ✓ FL, BLI, & NIR imaging system QC
- ✓ Non-uniformity correction/normalization
- ✓ System performance evaluation
- ✓ Quality Assurance

### FEATURES

- ✓ Stable & quantifiable signal
- ✓ Customizable
- ✓ Pre-configured for Perkin Elmer, Licor, Spectral Instruments & other systems
- ✓ Comprehensive system compatibility
- ✓ Standardized

### OPTIONS

- ✓ Available in 1 of 4 different fluorescent materials shown below



- ✓ Automated analysis & correction software

## INNOVATIVE HARDWARE AND SOFTWARE FOR MEDICAL IMAGING

For more information, including pricing, contact us today at:

Email: [info@phantechmedical.com](mailto:info@phantechmedical.com)

Web: [www.phantechmedical.com](http://www.phantechmedical.com)

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