

Ultra-violet light-emitting diod calibration system for timing large area scintillation detectors.

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Timing large area plastic scintillation detectors are developing for the space gamma-ray telescopes now. For the in-flight calibration of these detectors the use of ultra-violet light-emitting diode, irradiating the 1 m long detector module at the center along its width is suggested. The results of the measurements show the possibility of this calibration system implementation.

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