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A LED Flasher for TUNKA EAS experiment

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Abstract content

A LED flasher has been developed for TUNKA-133 EAS Cherenkov detector. Blue ultra bright InGaN LED is used as a light source in the flasher. The flasher's driver based on a complementary pair of fast RF transistors. The light yield of the flasher is adjusted in a wide range from 0 to upt to 10**9 photons per pulse. The results of studies of the flasher's amplitude and timing parameters and their stabilities are presented.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 5 (HE part 2), pages 1117-1120

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