Preliminary results from a new Auger fluorescence detector drum calibration light source ALEXEI DOROFEEV, JEFFREY BRACK, ROBERT COPE, BEN GOOKIN, JOHN HARTON, JAN KEMPINGER, YEVI-GENIY PETROV, Colorado State University, AUGER COLLABORATION — A new revision of electronics for Auger Observatory fluorescence detector drum calibration is in final completion stage now. The drum light source design is based on a new 365nm high power LED produced by Nichia. In this report we will present preliminary results on a spectrum of the drum light source and the influence of ambient temperature, pulse rate and pulse current amplitude on the drum spectrum.

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