

Interactive comment on “A new method for nocturnal aerosol measurements with a lunar photometer prototype” by A. Barreto et al.

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I thanks to the authors the answers to the questions I made. I just want to make some clarifications about two of my questions.

In question 8, I think there has been a misunderstanding. My question was that if ROLO is based on ground-based measurements, how was the atmospheric effects taking into account? I would be very appreciate if the authors could give some clarification.

In question 10, I only mentioned the applicability of the Astronomical Langley Method. This method has been already well-checked for sun-photometry [Mitchell and Forgan, 2003] (I kindly include the reference). In Perez-Ramirez et al., [2011] they evaluated

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this method successfully for star-photometry that present more limitations in relative-air masses. But the measurement procedure between star-photometry and author's moon photometer might be different.

Mitchell, R.M. and Forgan, B.W.: Aerosol measurement in the Australian Outback: Intercomparison of sun photometers, *Journal of Atmospheric and Oceanic Technology*, 20, 54–66, 2003.

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