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Tracking the dynamics of skyglow with differential photometry using a digital camera with fisheye lens

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highlights

- Investigating the dynamics of skyglow from time series of images.
- Observing the impact of switching off ornamental light sources on skyglow for clear and overcast sky.
- Imaging in vertical and horizontal plane with fisheye lens and DSLR camera.
- Tracking small changes in luminance of the sky, the ground and light sources simultaneously.
- Method is based on readily available consumer equipment.

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