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OAUNI photometry of SN 2023fyq

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on 2 Sep 2023; 22:06 UT

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Subjects: Optical, Supernovae, Transient

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Photometry of Type Ib-pec SN 2023fyq (TNSTR-2023-825, TNSCR-2023-1777) was gathered with the OAUNI 51cm telescope at Huancayo Observatory, Peru. CCD imaging in R filter was performed on three consecutive nights under non-photometric conditions with the target at low altitude. Special care was taken to select the appropriate photometric aperture to minimize the contamination with the host galaxy. Our measurements are indicated below:

Date (UT)	filter	IT	seeing (")	mag
2023-08-17.008	R	88x20s	1.9	14.725 +/- 0.012
2023-08-18.008	R	90x20s	2.0	14.719 +/- 0.012
2023-08-19.005	R	70x20s	2.0	14.715 +/- 0.011

UCAC4 field stars were used for the zero point calibration. Our observations are ~3.8 weeks after K. Itagaki report (TNSAN-2023-215) showing the rapid brightening of the target. The OAUNI project is supported by UNI, TWAS, IGP and ProCiencia-Concytec (Convenio 133-2020 Fondecyt).

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