

PSN J12415045-0710122 discovered 2015/06/06.850 discovered by F. Ciabattari, E. Mazzoni and M. Rossi on behalf of ISSP. The OT is located 3".8 West and 2".8 South of the center of PGC 42600 - type Ia.

See attached image and confirmation ATel.



Spectroscopic Classification of ASASSN-15kn/PSNJ12415045-0710122 and ASASSN-15kg

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Subjects: Optical, Supernovae, Transient

Referred to by ATel #: [7613](#)

We obtained optical spectra (range 360-950 nm) of ASASSN-15kn/PSNJ12415045-0710122 (ATel # [7602](#)) and ASASSN-15kg (ATel # [7608](#)) on UT June 10.02 with the Magellan Baade 6.5-m telescope (+ IMACS). Both objects are Type Ia SNe around maximum light. Cross-correlation with a library of SN spectra using SNID (Blondin & Tonry 2007, ApJ, 666, 1024) shows that ASASSN-15kn/PSNJ12415045-0710122 is a normal Type Ia SN at +2 days and ASASSN-15kg is a normal Type Ia at -3 days. After correcting the spectra for the redshift of their host galaxies, we measure a Si II 635.5nm expansion velocity of approximately -10000 km/s and -11000 km/s for ASASSN-15kn and ASASSN-15kg, respectively.