

Summary of data reduction for ST LMi

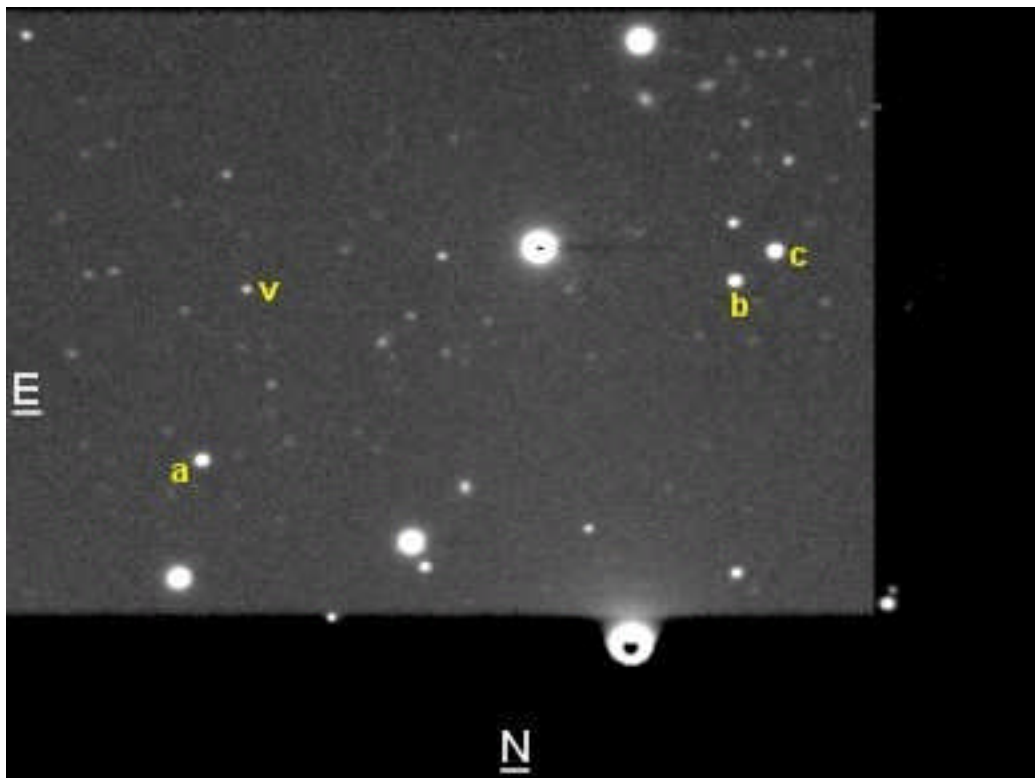
The images are unfiltered 30 second exposures, made using a Meade 30 cm SCT and Starlight Xpress MX916 CCD camera.

Three sets of photometric reduction were carried out for each dataset

- Optimal extraction using **v** as the target star and **a** as the PSF star
- Optimal extraction using **b** as the target star and **a** as the PSF star
- Aperture photometry, with aperture radius 3.0 pixels

Three files containing the extracted fluxes are given for each dataset.

Here is the field, $15.8' \times 11.8'$ in total (stacked images from 28 December 2008):



v is ST LMi

a is the comparison star, and is of magnitude 15.1 (AAVSO chart)

b is a new variable

c is the check star

Variable data are reported, relative to **a**, on a linear scale, owing to the faintness of the object.

Phase was computed from $2445059.702 + 0.07908908 E$ (Cropper, MNRAS, 1986).