

Lab 7 -Pulsating Variables

Pulsating variable stars swell and shrink affecting their brightness, sometimes over very short periods. Imaging procedures of pulsating variables are the same as for eclipsing binaries, including determining the number and spacing of exposures.

Some pulsating variables such as BL Cam <http://www.aavso.org/lcotw/bl-camelopardalish> have very short periods of one to several hours. Other short period variables include RR Lyrae stars <http://www.aavso.org/types-variables> and SX Phoenicis variables, found mostly in globular clusters. http://en.wikipedia.org/wiki/SX_Phoenicis_variable

Pulsating variable targets will be provided.