

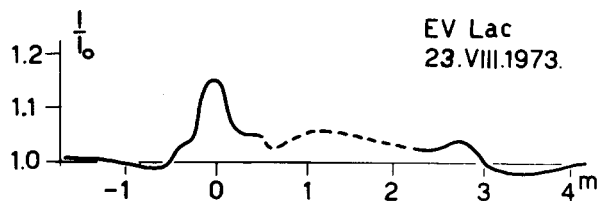
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PHOTOELECTRIC OBSERVATIONS OF EV Lac DURING
THE 1973 INTERNATIONAL PATROL

EV Lac was photoelectrically monitored at the Belgrade Observatory during the night 1973 August 22/23 within the international patrol interval.

The observations lasted for 163 minutes covering the following time intervals: 00 04 - 00 45; 00 57 - 01 19 and 01 22 - 03 02 UT. The observations were made in the V spectral region using an EMI 9502 S photomultiplier and GG-11 filter at the 65-cm refractor. The accuracy of the flare detection can be described by the error $\sigma_m = 0.010$, and the limiting magnitude difference $\Delta m_{lim} = +3.8$ (the symbols have been explained in IBVS No 627).



A flare with intensity maximum at 0h27^m9 UT has been noticed. The light curve is shown in Figure 1. The dashed part of the curve has been only approximately recorded because of guiding difficulties. The other characteristics of the flare are: the intensity rise time $\Delta t_1 = 0^m.5$, the duration of the flare after the maximum $\Delta t_2 = 3^m.0$, the maximum brightness difference $\Delta m_f = 0.154$ magnitudes, the integrated intensity $P = 0^m.172$ and the air mass $X = 1.050$.

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