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CD -30°5135

Photographic magnitudes for this star have been measured on two sets of UBV plates taken by Mr. A. Kinnander on Feb. 20, 1977, with the Schmidt telescope at Uppsala Southern Station at Mount Stromlo Observatory, Australia. The photometric calibration was made by means of a sequence established by Lodén (Ark. Astr. 5, 149, 1968; sequence 5-), about 30' south of the star. The following values were obtained, with an estimated error of about ± 0.1 mag.

V = 9.3 B = 10.2 U = 10.6

Thus the star was then 0.3 - 0.4 mag. brighter than when it was observed by Humphreys in 1974 (PASP 87, 933, 1975).

A low-dispersion spectrogram covering the region 3600 - 5500 Å was kindly taken for me by Dr. A. Lauberts on Jan. 17, 1977, with the Boller and Chivens spectrograph at the 1.5 m telescope at ESO, Chile. No significant changes from the spectra reported by Humphreys (op. cit.) and myself (IBVS No 1139, 1976) were found, i.e., the spectral type is early F. H β is present in emission, whereas H γ and H δ are invisible.

In my previous paper on this star the radial velocity correction to the sun was inadvertently applied with the wrong sign. Hence all velocities should be increased by about 30 km/s, the metal line velocity on Dec. 2, 1973, being 159 km/s. However, this only strengthens the conclusion drawn in that paper, viz., that the observed radial velocity changes were not caused by the orbital motion of a spectroscopic binary.

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