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LIGHT VARIATION OF COD -37° 9248

Wegner (1976; COD -37° 9248) and Hunger and Kaufmann (1976; CPD -37° 6004) have independently announced, with different identification name, the high velocity of COD -37° 9248 (258 and 261 km/sec, respectively). Both announcements also referred to the hydrogen emission and the giant nature of the star. Photometric observations in 1976 differed considerably from the results published by Wegner so the star was followed as continuously as possible in 1977 with intermediate band and (RI) photometry. The complete results, together with additional data acquired in 1978, will be published later but the variation in V is indicated in Figure 1 (b-y) varies from near 0.7 mag at maximum light to 0.85 at minimum and R-I, from +0.42 to +0.7. Recent observations indicate a cycle length, including two unequal minima, near 150 days.

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References:

- Hunger, K. and Kaufmann, J.P.K. 1976 Astron. Astrophys. 50. 133
Wegner, G. 1976 Obs. 96, 13

