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LIGHT CURVE OF RS SCUTI


Four-colour (BVRI) photoelectric photometry was carried out over three nights (1980 June 16.37 - 16.61 UT, July 16.34 - 16.71 UT, July 17.34 - 17.67 UT) on the short period eclipsing binary RS Scuti (BD - 10⁰4814). The photometry was carried out using the 61cm Boller and Chivens reflector at Mt John University Observatory. Comparison and check stars were respectively SAO 161865 and SAO 161906.


The anomalous point at phase .04 in the differential colour curves is as yet unexplained.


The following is a revised ephemeris for the star :

$$T_{\min} = 2444437.1658 + 0.6642384 E$$

These graph symbols were used :

June 16 = 

July 16 = 

July 17 = 

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