

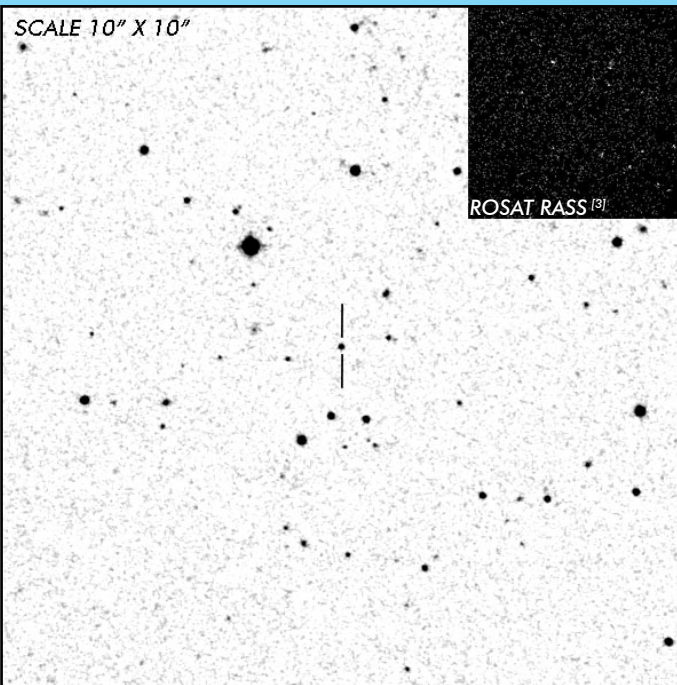


# IL Leo

## Short Period Pre-Polar

### OBSERVATION DATA

SCALE 10" X 10"



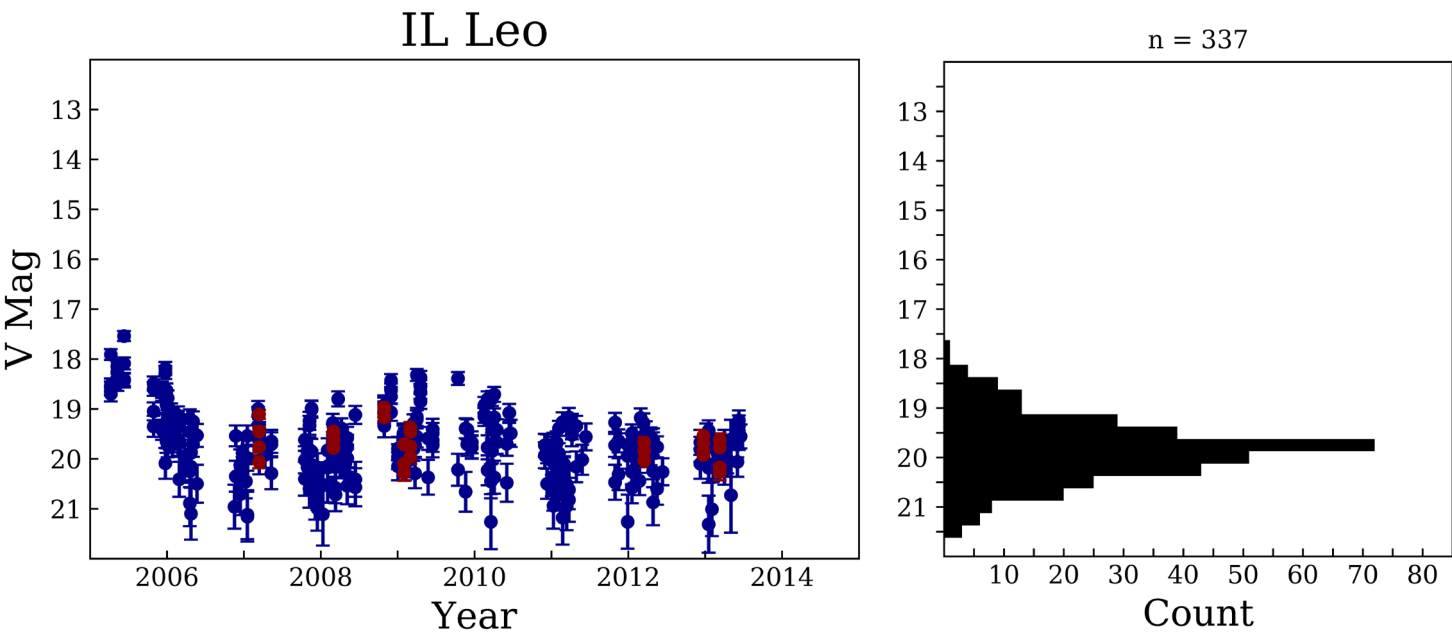
**OTHER NAME(S):** SDSS J103100.55+202832.1

**FOUND:** SDSS

|                                                |                                                    |                                     |                 |
|------------------------------------------------|----------------------------------------------------|-------------------------------------|-----------------|
| <b>RIGHT ASCENSION</b> <sup>[1]</sup>          | 10 <sup>h</sup> 31 <sup>m</sup> 00.56 <sup>s</sup> | <b>DECLINATION</b> <sup>[1]</sup>   | +20° 28' 32.34" |
| <b>PARALLAXES (mas)</b> <sup>[1]</sup>         | 1.931 ± 0.228                                      | <b>DISTANCE (pc)</b> <sup>[2]</sup> | 524.940         |
| <b>DISTANCE BOUNDARIES (pc)</b> <sup>[2]</sup> |                                                    | Lower = 468.922                     | Upper = 578.140 |
| <b>MAGNETIC FIELD (MG)</b>                     |                                                    |                                     |                 |
| ...                                            |                                                    |                                     |                 |
| <b>ORBITAL PERIOD &amp; SPIN PERIOD</b>        |                                                    |                                     |                 |
| <b>DAYS</b>                                    | <b>HOURS</b>                                       | <b>MINUTES</b>                      |                 |
| 0.05709                                        | 1.3702                                             | 82.2096                             |                 |
| <b>OPTICAL (CRTS MAGNITUDE)</b>                |                                                    |                                     |                 |
| V <sub>HIGH</sub> = 18                         | V <sub>LOW</sub> = 21.5                            | V <sub>(MODE 1)</sub> = 19.75       | ...             |
| <b>OTHER INFORMATION</b>                       |                                                    |                                     |                 |
|                                                |                                                    |                                     |                 |
|                                                |                                                    |                                     |                 |
|                                                |                                                    |                                     |                 |

### SUMMARY

### CRTS PHOTOMETRY



### EXTERNAL LINKS



REFERENCES

<sup>1</sup> [Gaia Collaboration et al. \(2018b\): Summary of the contents and survey properties](#)

<sup>2</sup> [Bailor-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.3 Billion Stars in Gaia Data Release 2", \*ApJ\*, Vol. 156, 58](#)

<sup>3</sup> [HEASARC Skyview: ROSAT All-Sky](#)

<sup>4</sup> [Parsons, S. G. et al. 2021, "Magnetic white dwarfs in post-common-envelope binaries", \*MNRAS\*, Vol. 502, Iss. 3, pp. 4305-4327](#)

<sup>5</sup> [Gansicke, B. T. et al. 2009, "SDSS unveils a population of intrinsically faint cataclysmic variables at the minimum orbital period," \*MNRAS\*, Vol. 397, Iss. 4, pp. 2170-2188](#)

<sup>6</sup>

<sup>7</sup>