

J0240+1952

Eclipsing Long Period Rapidly Rotating Intermediate Polar

OBSERVATION DATA

SCALE 10" X 10"

ROSAT RASS [2]

OTHER NAME(S): LAMOST J024048.51+195226.9											
FOUND: LAMOST 2020											
RIGHT ASCENSION [1]		02 ^h 40 ^m 48.54 ^s		DECLINATION [1]		+19° 52' 27.05"					
PARALLAXES (mas)		1.618 ± 0.071		DISTANCE (pc)		605.050					
DISTANCE BOUNDARIES (pc)				Lower = 581.524		Upper = 627.854					
MAGNETIC FIELD (MG)				...		...					
ORBITAL PERIOD (P _o)				SPIN PERIOD (P _s)							
DAYS		HOURS		MINUTES		HOURS		MINUTES		SECONDS	
0.30571		7.3371		440.226		0.0069		0.4155		24.933	
OPTICAL (CRTS MAGNITUDE)											
...			...			...			...		
OTHER INFORMATION											
Temp _{WD} ≤ 25,000 K											

SUMMARY

CRTS PHOTOMETRY

EXTERNAL LINKS



REFERENCES

- [Thorstensen, John R. 2020, "Follow-up Studies of Five Cataclysmic Variable Candidates Discovered by LAMOST", ApJ, Vol. 160, Iss. 4, pp. 15](#)
- [HEASARC Skyview: ROSAT All-Sky](#)
- [Barrett, P. E. 2022, "VLA Observations of the AE Aqr-type Cataclysmic Variable LAMOST J024048.51+195226.9", AJ, Vol. 163, Iss. 2, pp. 5](#)
- [Pelisoli, I. et al. 2022, "Found: A Rapidly Spinning White Dwarf in LAMOST J024048.51+195226.9.", MNRAS, Vol. 509, p. L31-L36](#)