



J0303+0054

Long Period Eclipsing Pre-Polar

OBSERVATION DATA

SCALE 10" X 10"

ROSAT RASS [2]

OTHER NAME(S): US 3566; 2MASS J03030835+0054438				
FOUND: SDSS 1984				
RIGHT ASCENSION [1]	03 ^h 03 ^m 08.362 ^s	DECLINATION [1]	+00° 54' 43.921"	
PARALLAXES (mas)	8.298 ± 0.102	DISTANCE (pc) [1]	120.400	
DISTANCE BOUNDARIES (pc)		Lower = 118.987		Upper = 121.786
MAGNETIC FIELD (mg)		...	B _{zee} = 8	W _d MASS (M☉) 0.84
ORBITAL PERIOD & SPIN PERIOD				
DAYS		HOURS		MINUTES [3]
0.13444		3.2265		193.5902
OPTICAL (CRTS MAGNITUDE)				
...		...		...
OTHER INFORMATION				
TEMP _{EFF} (K) ≈ 9150				

SUMMARY

EXTERNAL LINKS



REFERENCES

¹ Gaia Collaboration et al. (2018b): Summary of the contents and survey properties
² Bailer-Jones et al. 2018, "Estimating Distance from Parallaxes, IV. Distances to 1.33 Billion Stars in Gaia Data Release 2", ApJ, Vol. 156, 58
³ HEASARC Skyview: ROSAT All-Sky
⁴ Parsons, S. G. et al. 2013, "Magnetic White Dwarfs in Post-Common-Envelope Binaries", MNRAS, Vol. 502, Iss. 3, pp. 4305-4327
⁵ Eisenstein, D. J. et al. 2006, "A Catalog of Spectroscopically Confirmed White Dwarfs from the Sloan Digital Sky Survey Data Release 4", ApJS, Vol. 167, Iss. 1, pp. 40-58
⁶ Parsons, S. G. et al. 2013, "A Magnetic White Dwarf in a Detached Eclipsing Binary", MNRAS, Vol. 436, Iss. 1, p. 241-252
⁷ Parsons, S. G. et al. 2021, "Magnetic White Dwarfs in in Post-Common-Envelope Binaries", MNRAS, Vol. 502, Iss. 3, pp. 4305-4327