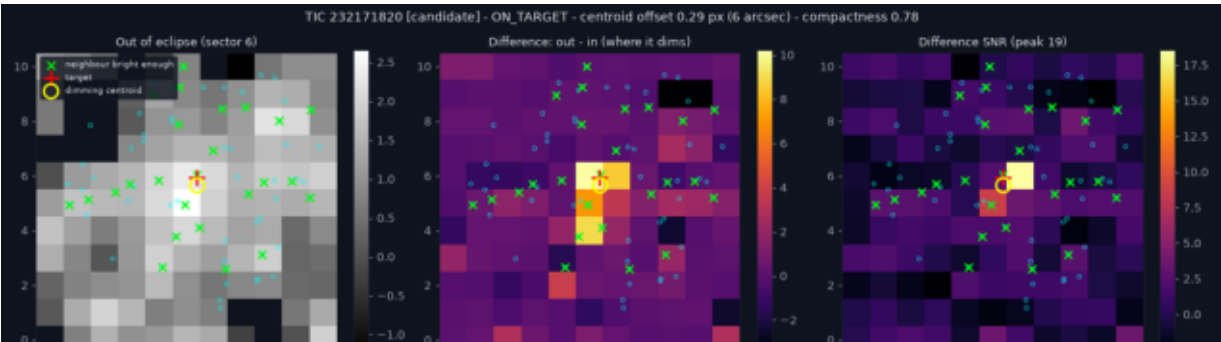
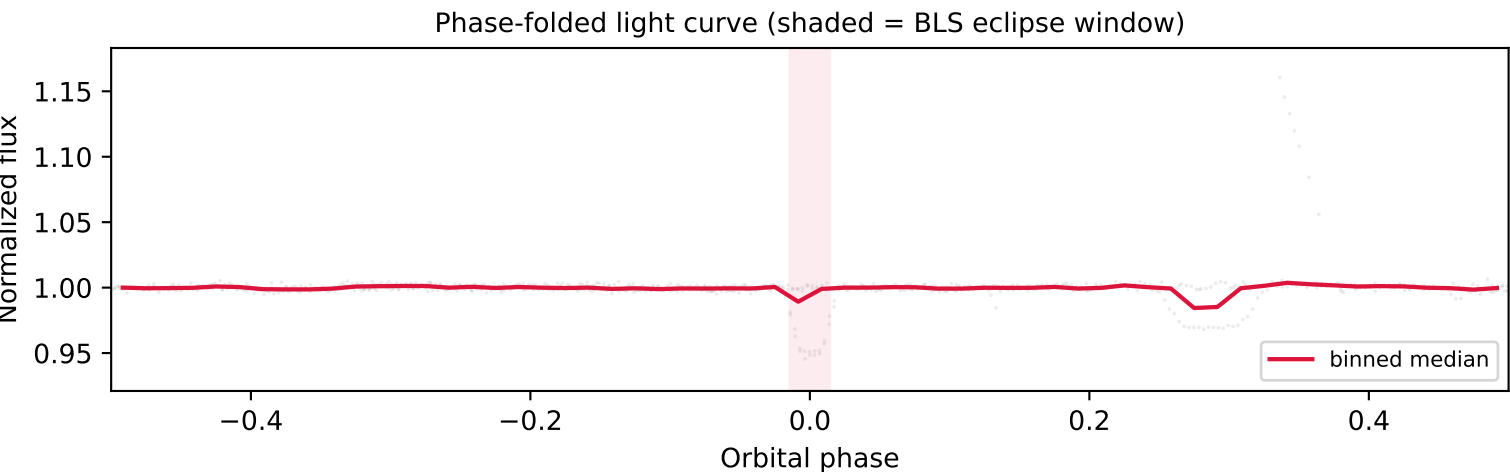


BLS EPHEMERIS		CATALOG CROSS-MATCH (novelty)	
Period	5.948593 d (ALIASED, see below)		
-> corrected period: 11.897186 d		VSX	no match
Epoch (t0)	1470.2761 BTJD	ASAS-SN	no match
Duration	0.1700 d	Gaia eclipsing-binary table	no match
Depth	2.271 % (22,714 ppm)	Gaia variable classification	no match
SNR	95.5	TESS EB catalog (Prsa+2022)	no match
		ExoFOP TOI list	no match
INDEPENDENT CHECKS (f3i gates)			
Eclipses observed	4 (gate >= 3)	Verdict: NOVEL	
Robust depth ratio	0.87 (gate >= 0.50)		
Robust depth sigma	48.2 (gate >= 7.0)		
Odd/even z-score	6.97 (ALIAS FLAGGED)		
Secondary eclipse	detected, phase 0.28, 8.5 sigma		
PIXEL-LEVEL SOURCE CHECK (TESScut difference imaging)			
Sector 6	light-curve dip in this sector: 45.0 sigma	t0 refined by 0.2900 phase	
Difference-image peak SNR	18.55 (gate >= 5.0)	Compactness	0.78 (gate >= 0.50)
Dimming centroid offset	0.29 px (6 arcsec)	(gate <= 1.0 px, i.e. on the target)	
Nearest bright-enough neighbour in cutout: TIC 713435299			
0.38 px away, dTmag +3.79 - farther from the dimming than the target			



Caveat (PERIOD ALIAS): Odd/even eclipse depth z-score is 6.97 (gate >= 3.0); alternating eclipses differ significantly in depth, the signature of a true period double what BLS found. Pixel check confirmation and eclipse timing are unaffected - report the corrected period, 11.897186 d, in any write-up. Caveat (THIN MARGIN): The ON_TARGET call rests on a neighbour-competition margin of just 0.082 px (dimming centroid 0.295 px from target vs 0.376 px from the nearest bright-enough neighbour) - inside diag_pixel.py's own stated centroid systematic of 0.10-0.3 px. TESS's resolution cannot confidently separate this star from that neighbour.