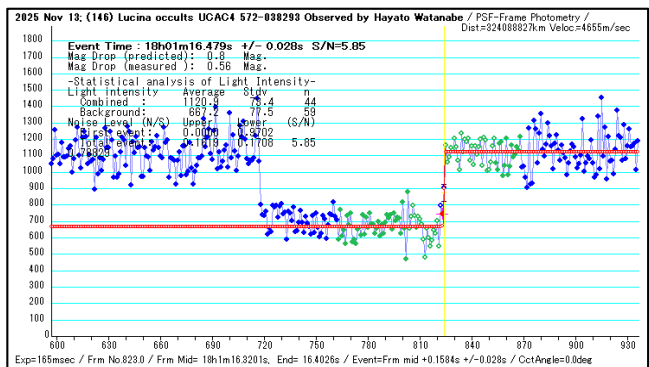
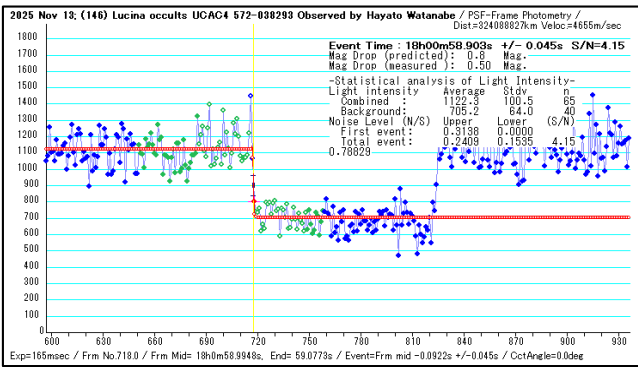
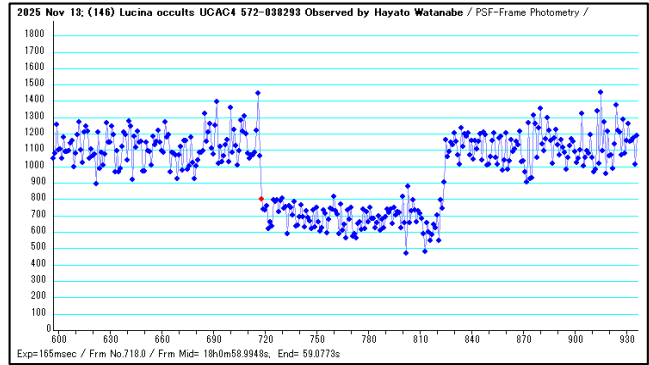
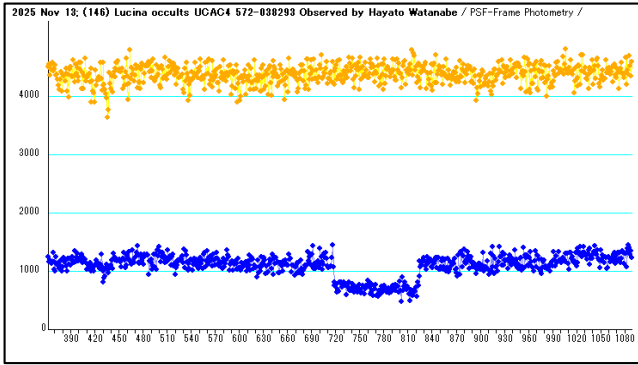


# 2025. 11. 13 18h01m(UT) (146) LucinaによるUCAC4 572-038293 (13. 4mag) の掩蔽

観測地：岐阜県郡上市； 機材：口径20cmSCT, ZWO ASI290MM, GT502MGG  
 観測者：渡部 勇人



Event Time	18h01m16.479s	+/-	0.028s	S/N=	5.85
Mag Drop (predicted)	0.8 Mag				
Mag Drop (measured)	0.58 Mag				
-Statistical analysis of Light Intensity-					
Light intensity average	819		75.4		44
Combined	1120.8		100.5		65
Background	705.2		64.0		40
Noise Level (N/S)	Upper	Lower	Upper	Lower	(S/N)
First event	0.3158	0.0000			
Total event	0.2408	0.1535	4.15		

Prediction	
Last Updated: 08/Nov/25, 04:42 UT	Computed By: OWC
Data Source: Horizons/GaiaDR3	Orbit Date: 04 Nov 2025 (JPL#132)
Error (path width): 0.042	Error in time: 1.2 sec
Err. Ellipse: 0.0037" x 0.0004"	Err. Ellipse PA: 84°
Err. Basis: Known errors	OWC ID: 2874118
Event	
From: 17:33:20 UT	To: 18:19:16 UT
Max Duration: 11.84	Max Duration: 29.5 sec
Mag Drop (V): 0.63	Mag Drop (I): 0.47
Shadow Width: 137.9 km	Moon Phase: 35% sunlit
Solar Elong: 125°	Moon Elong: 53°
Target Star	
Name: UCAC4 572-038293	V mag: 13.39
Constellation: Gemini	R mag: 12.97
Diameter: 0	B mag: 13.63
RUWE: 1.05	Flags:
Gaia SourceID: 6794441140552292932	Gaia Flags:
RA (J2015): 07h 12m 51s.709	RA (approx): 07h 12m 26s.7511
Dec (J2015): +24° 14' 24.861	Dec (approx): +24° 11' 46s.921
Object	
Name: (146) Lucina	Class: Main-belt Asteroid
Diameter: 137.2 ± 7.6 km (Occult)	Diameter (aurn): 87.32 mas
Distance: 2.1664 au	Mag: 13.3 (▲)
Motion RA: -1.23"/hr	Motion Dec: 10.60"/hr
Moons: 0	Rings: 0
Detections: 22(1+); 15(2+); 11(3+)	

衛星情報

[Gaia Moons Pred.](#)

[Asteroids with SatellitesのOther Reports of Asteroid](#)

[TTOAのPLANETARY OCCULTATIONS: 2023 RESULTS S.Kerr氏のライトカーブ](#)