

(1211)Bressole occults UCAC4 395-088969

***** Asteroid occultation Report *****

[Date] 2025. 4.21 [Approx hour] 18.1
[Star] UCAC4 395-088969 VMag=14.74 RMag=13.99
[Asteroid] (1211)Bressole 16.02 mag.
[Observer] 1: Katsuhiko Kitazaki 2:
[Location] Musasino, Tokyo, JP
[Longitude] 139°33'41.2" E
[Latitude] 35°42'37.0" N
[Altitude] 66m
[Datum] WGS84
[Event time] D: 18h02m45.424s +/- 0.076s (UTC) S/N=6.96
R: 18h02m50.824s +/- 0.782s (UTC) S/N=6.56 Ctt=89.1
[Predicted Time error] 0.911 sec [RUWE] 1.00

[Recorded] From 18h2m30s
To 18h3m30s

[Mag. drop] D: Measured: Mag Drop (measured): 1.55 Mag.
; Predicted: Mag Drop (predicted): 1.6 Mag.
R: Measured: Mag Drop (measured): 1.53 Mag.
; Predicted: Mag Drop (predicted): 1.6 Mag.

[Telescope] Aperture: 40cm Type: Other F=2.5
[Camera] Analog or Digital video , Model= ASI290MM
[Exposure] Set: 490.0msec, Measure: 490msec
[Setting] Area: 1936x800 ; Binning=2
Gain: 300 ; Brightness: 0 ; High Speed Mode: Off
no drop frame
[Time keep] GPS ; Model: GHS-OSD (PPSPUcorrection -0.0156844s)
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Strong flickering Transparency: Fog
[Remarks] Reappearance was slow and 11 frames.

[Additional comment]
Capture : ZWO ASI290MM imaging data to PC using SharpCap4.1.13193.0
Photometry analysis : Analyzed with software.limovie1.0.1.8 Pneuma
Photometry method : PSF photometry / Aperture photometry
(Sharp4.1 ON,Tracking OFF, Linked Tracking=ON, Star's Angular
Diameter=ON)

<Observations>

<Event>
<Date>2025|4|21|18.1</Date>
<Details>
<Star>UCAC4|395-
088969|0||0.000000000|0.00000000|0.00|0.00|0.00|0|0.00000000|0.00000
00|25.00|25.00|25.00|0</Star>

<Asteroid>1211|Bressole|0.00000000|0.00000000|0.00000000|0.00000000|0.00
00000|0.00000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>
</Details>

<Observer>
<ID>1|Katsuhiko Kitazaki||0|Musasino, Tokyo|JP|+139 33 41.2|+35
42 37.0|66| |40|6|a|a</ID>
<Conditions>3|2|6.76||Reappearance was slow and 11
frames.</Conditions>
<D>18 2 45.424|D|0.076|| </D>
<R>18 2 50.824|R|0.782|| </R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
</Event>

</Observations>

Text-based Light curve
(1211)_20250421_180230_Katsuhiko_Kitazaki.dat

Date: 2025-4-21 18:2:30.49: 41.16: 85
Star: 0: 0: 0: 0: 0-0-0: 395-088969
Observer: +139:33:41.2: +35:42:37.0: 66: Katsuhiko Kitazaki
Object: Asteroid: 1211: Bressole
Values:440:472:499:463:475:540:457:499:602:530:393:379:560:462:452:507:52
4:435:438:529:462:455:446:389:373:497:437:548:552:348:469:96:99:134:132:1
67:220:146:141:202:296:267:184:260:301:361:498:507:476:
525:400:516:435:570:409:516:470:410:391:455:507:346:416:533:460:431:484:4
53:526:485:496:457:467:514:443:447:424:497:395:511:452:464:481:448:425

