

Asteroid Occultation Report Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date] 2026. 1.16 [Approx hour] 11.1
 [Star] UCAC4 614-030010 VMag=13.20
 RMag=12.70
 [Asteroid] (2321)Luznice 16.48 mag.
 Dia=20.5±1.4km Main-belt Asteroid

[Observer] 1: Takeshi Nemoto 2:
 [Location] Sagamihara, Kanagawa, JP
 [Longitude] 139o20'04.9" E
 [Latitude] 35o32'24.7" N
 [Altitude] 48m
 [Datum] WGS84

[Event time] D: 11h09m44.623s +/- 0.041s (UTC)
 S/N=6.88

R: 11h09m47.079s +/- 0.039s (UTC)
 S/N=7.76
 [Predicted Time error] 0.247 sec [RUWE] 0.95

[Recorded] From 11h8m15s
 To 11h11m16s

[Mag. drop] D: Measured: Mag Drop (measured):
 3.42 Mag. ; Predicted: Mag Drop (predicted): 3.3
 Mag.

R: Measured: Mag Drop (measured):
 3.43 Mag. ; Predicted: Mag Drop (predicted): 3.3
 Mag.

[Telescope] Aperture: 25cm Type: Newtonian
 F=2.5

[Camera] Analog or Digital video , Model=
 ASI290MM

[Exposure] Set: 144.0msec, Measure: 144msec

[Setting] Area: 800x548 ; Binning=2
 Gain: 460 ; Brightness: 0 ; High Speed
 Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen
 shot: Recorded

[Condition] Stability: Slight flickering

Transparency: Clear

[Remarks]

[Additional comment]

