## 2020. 10. 24. (Sat) 03h17m UTC TYC 140600728 by (3200) Phaethon

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Asteroid: Diam. = 5 km
                                  Star:
                                          R.A.(ICRS) = 09h30m44.79590s + 0.0015"
                                          Dec. (ICRS) = +17^{\circ}51'06.7167" \pm 0.0020"
                  = 0.008"
           error = 0.010"
                                          Mν.
                                                        = 8.94 \text{ mag}
           Mv. = 16.6 \text{ mag}
                                          Sp. type
           Vra = +4841"/day
                                          Var.
                                                                   mag
           Vdec = -2310''/day
                                          Sep.
           elong.= 71° Partial duration = 0.000 sec (D =0.140 mas)
elong.= 168° Diffraction time = 0.010 sec
sunlit = +56 % Extinct. Dur. = 0.1 sec
score = 48 pt.
           dist. = 0.86414au
                                          PA
Sun:
Moon:
Cond.:
Visibility: centerline = 30.46% ±0.5sigma = 20.88%
                                                               \pm 2.0sigma = 2.01%
           \pm 0.5 \text{ r} = 29.91% \pm 1.0 \text{ sigma} = 12.14\% \pm 2.5 \text{ sigma} = 0.57\%
           N/S edge = 28.32\% \pm 1.5sigma = 5.56\% \pm 3.0sigma = 0.13\%
                       03h15m10s - 03h20m10s
                                                        step 1 min.
```

