

# 2024. 12. 22. (Sun) 08h13m UTC TYC 176400040 by (3200) Phaethon

Asteroid : Diam. = 5 km	Star : R.A.(ICRS) = 02h13m34.55500s $\pm$ 0.0007"	
= 0.008"	Dec.(ICRS) = +27°56'39.5793" $\pm$ 0.0008"	
error = 0.010"	Mv. = 9.37 mag	
Mv. = 16.8 mag	Sp. type =	
Vra = -2037"/day	Var. = - mag	
Vdec = -1637"/day	Sep. =	
dist. = 0.90756au	PA =	
type = Apollo	dmag =	
Sun : elong. = 129°	Partial duration = 0.000 sec (D =0.076 mas)	
Moon : elong. = 132°	Diffraction time = 0.019 sec	
sunlit = -56 %	Extinct. Dur. = 0.3 sec	
Cond. : score = 57 pt.	drop = 7.4 mag	
Visibility : centerline = 29.49%	$\pm$ 0.5sigma = 20.42%	$\pm$ 2.0sigma = 1.98%
$\pm$ 0.5 r = 28.99%	$\pm$ 1.0sigma = 11.92%	$\pm$ 2.5sigma = 0.56%
N/S edge = 27.55%	$\pm$ 1.5sigma = 5.48%	$\pm$ 3.0sigma = 0.13%

08h11m00s - 08h21m30s step 1 min.

