

# 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.

