

# 2019. 7. 29. (Mon) 11h12m UTC HIP 024973 by (3200) Phaethon

Asteroid : Diam. = 5 km	Star :	R.A.2000 = 05h20m54.72927s $\pm$ 0.0004"
= 0.007"		Dec.2000 = +40°53'05.3690" $\pm$ 0.0003"
error = 0.005"	Mv. = 7.27 mag	
Mv. = 16.4 mag	Sp. type = B9	
Vra = -823"/day	Var. = 7.29- 7.32 mag	
Vdec = +1085"/day	Sep. =	
dist. = 0.95189au	PA =	
type = Apollo	dmag =	
Sun : elong. = 46°	Partial duration =	
Moon : elong. = 21°	Diffraction 1/4 time = 0.018 sec	
sunlit = -10 %	Extinct. : Dur. = 0.5 sec	
Cond. : score = 66 pt.	drop = 9.1 mag	
Visibility : centerline = 52.83%	$\pm$ 0.5sigma = 28.23%	$\pm$ 2.0sigma = 2.25%
$\pm$ 0.5 r = 50.03%	$\pm$ 1.0sigma = 15.13%	$\pm$ 2.5sigma = 0.62%
N/S edge = 42.50%	$\pm$ 1.5sigma = 6.52%	$\pm$ 3.0sigma = 0.13%

11h03m40s - 11h21m10s step 1 min.

