

# 2019. 10. 11. (Fri) 27h31m JST

## UCAC4 118916714 by (2032) Ethel

Asteroid : Diam. = 36 km	Star :	R.A.2000 = 02h09m05.69797s $\pm$ 0.0020"
= 0.026"		Dec.2000 = +12°58'35.5167" $\pm$ 0.0020"
error = 0.027"	Mv. = 11.13 mag	
Mv. = 15.5 mag	Sp. type =	
Vra = -657"/day	Var. = - mag	
Vdec = -203"/day	Sep. =	
dist. = 1.88208au	PA =	
type =	dmag =	
Sun : elong. = 163°	Partial duration =	
Moon : elong. = 40°	Diffraction 1/4 time = 0.026 sec	
sunlit = +96 %	Extinct. : Dur. = 3.3 sec	
Cond. : score = 76 pt.	drop = 4.4 mag	
Visibility : centerline = 37.33%	$\pm$ 0.5sigma = 23.81%	$\pm$ 2.0sigma = 2.13%
$\pm$ 0.5 r = 36.32%	$\pm$ 1.0sigma = 13.44%	$\pm$ 2.5sigma = 0.60%
N/S edge = 33.46%	$\pm$ 1.5sigma = 6.01%	$\pm$ 3.0sigma = 0.13%

27h30m30s - 27h49m00s step 1 min.

