

# 2019. 11. 5. (Tue) 27h11m JST

## UCAC2 40641678 by (10) Hygiea

Asteroid : Diam. = 407 km	Star :	R.A.2000 = 04h20m05.94399s $\pm$ 0.0010"
= 0.218"		Dec.2000 = +25°02'02.9998" $\pm$ 0.0010"
error = 0.012"		Mv. = 13.40 mag
Mv. = 10.7 mag		Sp. type =
Vra = -570"/day		Var. = - mag
Vdec = -101"/day		Sep. =
dist. = 2.56909au		PA =
type =		dmag =
Sun : elong. = 155°	Partial duration =	
Moon : elong. = 101°	Diffraction 1/4 time = 0.026 sec	
sunlit = +63 %	Extinct. : Dur. = 32.4 sec	
Cond. : score = 100 pt.	drop = 0.09 mag	
Visibility : centerline = 100.00%	$\pm$ 0.5sigma = 30.85%	$\pm$ 2.0sigma = 2.28%
$\pm$ 0.5 r = 99.96%	$\pm$ 1.0sigma = 15.87%	$\pm$ 2.5sigma = 0.62%
N/S edge = 50.00%	$\pm$ 1.5sigma = 6.68%	$\pm$ 3.0sigma = 0.13%

27h07m40s - 27h23m50s step 1 min.

