

2019. 11. 14. (Thu) 23h02m JST HIP 020205 by (119) Althaea

Asteroid : Diam. = 57 km	Star :	R.A.2000 = 04h19m47.76300s \pm 0.0043"
= 0.054"		Dec.2000 = +15°37'39.0374" \pm 0.0033"
error = 0.028"	Mv. = 3.29 mag	
Mv. = 11.6 mag	Sp. type = G8III	
Vra = -765"/day	Var. = 3.80- 3.82 mag	
Vdec = -302"/day	Sep. =	
dist. = 1.45861au	PA =	
type =	dmag =	
Sun : elong. = 164°	Partial duration =	
Moon : elong. = 10°	Diffraction 1/4 time = 0.024 sec	
sunlit = -96 %	Extinct. : Dur. = 5.7 sec	
Cond. : score = 113 pt.	drop = 8.3 mag	
Visibility : centerline = 65.82%	\pm 0.5sigma = 30.04%	\pm 2.0sigma = 2.27%
\pm 0.5 r = 60.58%	\pm 1.0sigma = 15.68%	\pm 2.5sigma = 0.62%
N/S edge = 47.14%	\pm 1.5sigma = 6.65%	\pm 3.0sigma = 0.13%

22h51m20s - 23h10m10s step 1 min.

