

# 2019. 4. 14. (Sun) 21h14m JST HIP 078525 by (1090) Sumida

|                                  |                                  |  |
|----------------------------------|----------------------------------|--|
| Asteroid : Diam. = 11 km         | Star :                           | R.A.2000 = 16h01m52.5768s $\pm$ 0.003" |
| = 0.010"                         |                                  | Dec.2000 = +13°28'21.088" $\pm$ 0.003" |
| error = 0.021"                   |                                  | Mv. = 7.46 mag                         |
| Mv. = 16.1 mag                   |                                  | Sp. type = A5                          |
| Vra = -436"/day                  |                                  | Var. = 7.56- 7.59 mag                  |
| Vdec = +704"/day                 |                                  | Sep. =                                 |
| dist. = 1.47621au                |                                  | PA =                                   |
| group =                          |                                  | dmag =                                 |
| Sun : elong. = 136°              | Partial duration =               |  |
| Moon : elong. = 96°              | Diffraction 1/4 time = 0.024 sec |  |
| sunlit = +69 %                   | Extinct. : Dur. = 1.0 sec        |  |
| Cond. : score = 77 pt.           | drop = 8.6 mag                   |  |
| Visibility : centerline = 19.12% | $\pm$ 0.5sigma = 14.60%          | $\pm$ 2.0sigma = 1.63%                 |
| $\pm$ 0.5 r = 18.98%             | $\pm$ 1.0sigma = 8.97%           | $\pm$ 2.5sigma = 0.48%                 |
| N/S edge = 18.58%                | $\pm$ 1.5sigma = 4.32%           | $\pm$ 3.0sigma = 0.11%                 |

20h56m10s - 21h15m30s step 1 min.

