

# 2019. 12. 3. (Tue) 27h49m JST TYC 242101059 by (123) Brunhild

|                                  |                                  |  |
|----------------------------------|----------------------------------|--|
| Asteroid : Diam. = 48 km         | Star :                           | R.A.2000 = 06h23m08.57360s $\pm$ 0.0020" |
| = 0.046"                         |                                  | Dec.2000 = +30°28'57.1308" $\pm$ 0.0020" |
| error = 0.021"                   |                                  | Mv. = 12.31 mag                          |
| Mv. = 12.2 mag                   |                                  | Sp. type =                               |
| Vra = -634"/day                  |                                  | Var. = - mag                             |
| Vdec = -25"/day                  |                                  | Sep. =                                   |
| dist. = 1.44525au                |                                  | PA =                                     |
| type =                           |                                  | dmag =                                   |
| Sun : elong. = 155°              | Partial duration =               |  |
| Moon : elong. = 120°             | Diffraction 1/4 time = 0.032 sec |  |
| sunlit = +45 %                   | Extinct. : Dur. = 6.2 sec        |  |
| Cond. : score = 80 pt.           | drop = 0.7 mag                   |  |
| Visibility : centerline = 71.94% | $\pm$ 0.5sigma = 30.46%          | $\pm$ 2.0sigma = 2.27%                   |
| $\pm$ 0.5 r = 65.24%             | $\pm$ 1.0sigma = 15.79%          | $\pm$ 2.5sigma = 0.62%                   |
| N/S edge = 48.45%                | $\pm$ 1.5sigma = 6.67%           | $\pm$ 3.0sigma = 0.13%                   |

27h45m20s - 28h12m20s step 1 min.

