

# 147 Protogeneia & UCAC4-371-179439

2014 aug 19 18<sup>h</sup> 1.1<sup>m</sup> U.T.

**Planet:**  $a = 3.13, e = 0.04$   
 V. mag. = 12.78    Diam. = 137.0 km = 0.09"  
 $\mu = 25.40''/h$      $\pi = 4.21''$     Ref. = EG2012

**Star:**    Source cat. UCAC4  
 $\alpha = 20^h 37^m 57.279^s$      $\delta = -15^\circ 50' 18.96''$   
 Vmag = 12.12    Bmag = 12.82

$\Delta m = 1.1$     Max. dur. = 12.8s    Sun : 161°    Moon : 135° , 28%

