

# 312 Pierretta & PPMX 4089158

2013 dec 11 17<sup>h</sup>25.3<sup>m</sup> U.T.

**Planet:**  $a = 2.78, e = 0.16$   
 V. mag. = 14.72 Diam. = 51.0 km = 0.03"  
 $\mu = 22.84''/h$   $\pi = 3.74''$  Ref. = EG2011  
 $\Delta m = 3.2$  Max. dur. = 4.7s

**Star:** Source cat. PPMX  
 $\alpha = 7^h44^m19.158^s$   $\delta = +33^\circ46'22.95''$   
 Vmag = 11.57 mag =  
 Sun : 145° Moon : 96° , 72%

