

# 688 Melanie & TYC 0746-00977-1

2012 dec 15 22<sup>h</sup>57.3<sup>m</sup> U.T.

**Planet:**  $a = 2.70, e = 0.14$   
 V. mag. = 15.03 Diam. = 44.0 km = 0.03"  
 $\mu = 31.86''/h$   $\pi = 4.30''$  Ref. = EG2010

**Star:** Source cat. TYC2  
 $\alpha = 6^h40^m37.931^s$   $\delta = +8^\circ29'59.80''$   
 V. mag. = 9.15 Ph. mag. = 9.37

$\Delta m = 5.9$  Max. dur. = 3.4s Sun : 158° Moon : 158° , 10%

