

# 2813 Zappala – HIP 18145

2009 dec 16 18<sup>h</sup>39.9<sup>m</sup> U.T.

**Planet:**  $a = 3.14, e = 0.14$   
 V. mag. = 15.23 Diam. = 36.7 km = 0.03"  
 $\mu = 27.14''/h$   $\pi = 4.65''$  Ref. = MPO13522

**Star:** Source cat. HIP  
 $\alpha = 3^h52^m47.128^s$   $\delta = +13^\circ56'48.59''$   
 V. mag. = 9.13 Ph. mag. = 10.44

$\Delta m = 6.1$

Max. dur. = 3.5s

Sun : 153°

Moon : 150° , 0%

