

# 125 Liberatrix & UCAC4-531-037152

2014 dec 11 13<sup>h</sup>38.5<sup>m</sup> U.T.

**Planet:**  $a = 2.74$ ,  $e = 0.08$   
 V. mag. = 13.42    Diam. = 47.5 km = 0.03"  
 $\mu = 26.12''/h$      $\pi = 4.29''$     Ref. = EG2012

**Star:**    Source cat. UCAC4  
 $\alpha = 7^h04^m38.234^s$      $\delta = +16^\circ09'48.05''$   
 Vmag = 9.12    Bmag = 9.41

$\Delta m = 4.3$     Max. dur. = 4.4s

Sun : 152°    Moon : 31° , 77%

