

# 20 Massalia & UCAC2 35867365

2013 dec 29 12<sup>h</sup>24.8<sup>m</sup> U.T.

**Planet:**  $a = 2.41, e = 0.14$   
 V. mag. = 10.91    Diam. = 151.0 km = 0.14"  
 $\mu = 19.01''/h$      $\pi = 5.71''$     Ref. = EG2011

**Star:**    Source cat. UCAC2  
 $\alpha = 2^h02^m01.219^s$      $\delta = +11^\circ52'20.76''$   
 Vmag = 12.40    mag =

$\Delta m = 0.2$     Max. dur. = 25.6s    Sun : 114°    Moon : 156° , 12%

