

# 111 Ate & PPMX 4916279

2013 sep 7 4<sup>h</sup> 6.2<sup>m</sup> U.T.

**Planet:** a = 2.59, e = 0.10  
 V. mag. = 13.44 Diam. = 139.0 km = 0.09"  
 $\mu$  = 32.07"/h  $\pi$  = 4.14" Ref. = EG2011

**Star:** Source cat. PPMX  
 $\alpha$  = 4<sup>h</sup>12<sup>m</sup>37.635<sup>s</sup>  $\delta$  = +26°57'52.38"  
 Vmag = 11.12 Bmag = 11.94

$\Delta m$  = 2.4 Max. dur. = 10.1s

Sun : 98° Moon : 119° , 3%

