

111 Ate & TYC 6330-00805-1

2012 sep 14 12^h20.0^m U.T.

Planet: $a = 2.59, e = 0.10$
 V. mag. = 12.59 Diam. = 139.0 km = 0.10"
 $\mu = 12.44''/h$ $\pi = 4.39''$ Ref. = EG2010

Star: Source cat. TYC2
 $\alpha = 20^h39^m58.302^s$ $\delta = -16^\circ19'00.38''$
 V. mag. = 9.91 Ph. mag. = 10.33

$\Delta m = 2.8$ Max. dur. = 27.6s Sun : 136° Moon : 157° , 3%

