

111 Ate & TYC 6344-00406-1

2012 aug 21 13^h43.4^m U.T.

Planet: $a = 2.59, e = 0.10$
 V. mag. = 12.09 Diam. = 139.0 km = 0.10"
 $\mu = 30.89''/h$ $\pi = 4.76''$ Ref. = EG2010

Star: Source cat. TYC2
 $\alpha = 20^h54^m45.415^s$ $\delta = -15^\circ46'50.60''$
 V. mag. = 11.39 Ph. mag. = 11.79

$\Delta m = 1.2$ Max. dur. = 12.1s Sun : 162° Moon : 113° , 18%

