

197 Arete & TYC 1309-00228-1

2012 nov 10 20^h54.3^m U.T.

Planet: $a = 2.74$, $e = 0.16$
V. mag. = 13.51 Diam. = 32.0 km = 0.02"
 $\mu = 22.93''/h$ $\pi = 4.62''$ Ref. = EG2010

Star: Source cat. TYC2
 $\alpha = 5^h32^m29.200^s$ $\delta = +21^\circ04'45.94''$
V. mag. = 11.42 Ph. mag. = 11.64

$\Delta m = 2.2$

Max. dur. = 3.6s

Sun : 145°

Moon : 103° , 13%

