

189 Phthia & PPMX 7129847

2013 dec 1 1^h 3.0^m U.T.

Planet: $a = 2.45, e = 0.04$
 V. mag. = 14.31 Diam. = 38.5 km = 0.03"
 $\mu = 7.64''/h$ $\pi = 5.10''$ Ref. = EG2011

Star: Source cat. PPMX
 $\alpha = 8^h 07^m 35.973^s$ $\delta = +12^\circ 48' 37.49''$
 Vmag = 12.43 mag =

$\Delta m = 2.1$ Max. dur. = 14.5s

Sun : 127° Moon : 101° , 5%

