

# 64 Angelina & PPMX 4930163

2013 dec 25 2<sup>h</sup>13.8<sup>m</sup> U.T.

**Planet:** a = 2.68, e = 0.13  
 V. mag. = 11.63 Diam. = 96.8 km = 0.09"  
 μ = 27.76"/h π = 5.85" Ref. = EG2011

**Star:** Source cat. PPMX  
 α = 4<sup>h</sup>30<sup>m</sup>30.457<sup>s</sup> δ = +23°29'55.57"  
 Vmag = 12.46 mag =

Δm = 0.4 Max. dur. = 11.5s

Sun : 156° Moon : 108° , 55%

