

# 22 Kalliope – UCAC2 42391159

2011 nov 26 6<sup>h</sup>10.6<sup>m</sup> U.T.

**Planet:**  $a = 2.91, e = 0.10$   
 V. mag. = 10.47 Diam. = 187.0 km = 0.15"  
 $\mu = 25.76''/h$   $\pi = 4.98''$  Ref. = EG2009

**Star:** Source cat. UCAC2  
 $\alpha = 6^h32^m53.085^s$   $\delta = +30^\circ03'45.51''$   
 V. mag. = 11.20 Ph. mag. = 0.00

$\Delta m = 0.4$  Max. dur. = 20.4s

Sun : 145° Moon : 159° , 1%

