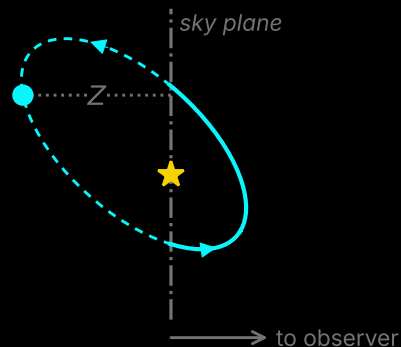


behind the sky plane

side view  
from the east

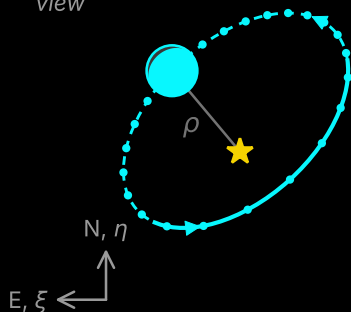


behind:  $Z < 0$

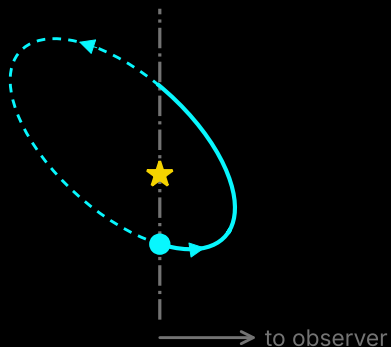
$\alpha = 35 \text{ deg}$

$\Phi$  (Lambert phase) = 0.84

observer's  
view



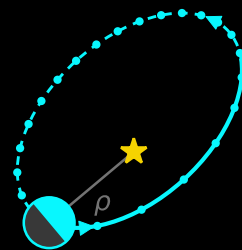
on the sky plane (ascending node)



on the sky plane:  $Z = 0$

$\alpha = 90 \text{ deg}$

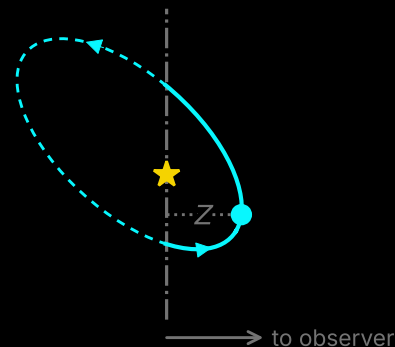
$\Phi = 0.32$



dots:  
24 equal time steps per period

in front of the sky plane

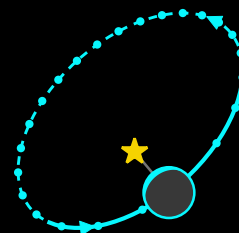
proposed observer profile (pending)  
orbit to scale



in front:  $Z > 0$

$\alpha = 145 \text{ deg}$

$\Phi = 0.02$



planet disk enlarged;  
colored = lit, gray = unlit