$$\theta \quad = \quad \frac{1 \text{ AU}}{d \text{ pc}} \quad = \quad \frac{1.0 \text{ arcsec}}{d}$$

$$\theta_{\text{Airy}} \quad = \quad 1.22 \, \frac{\lambda}{D}$$

$$L \quad \gg \quad \frac{\pi D^2}{\lambda}$$

$$L \quad \gg \quad D \qquad \text{and} \quad L \quad \gg \quad \lambda$$