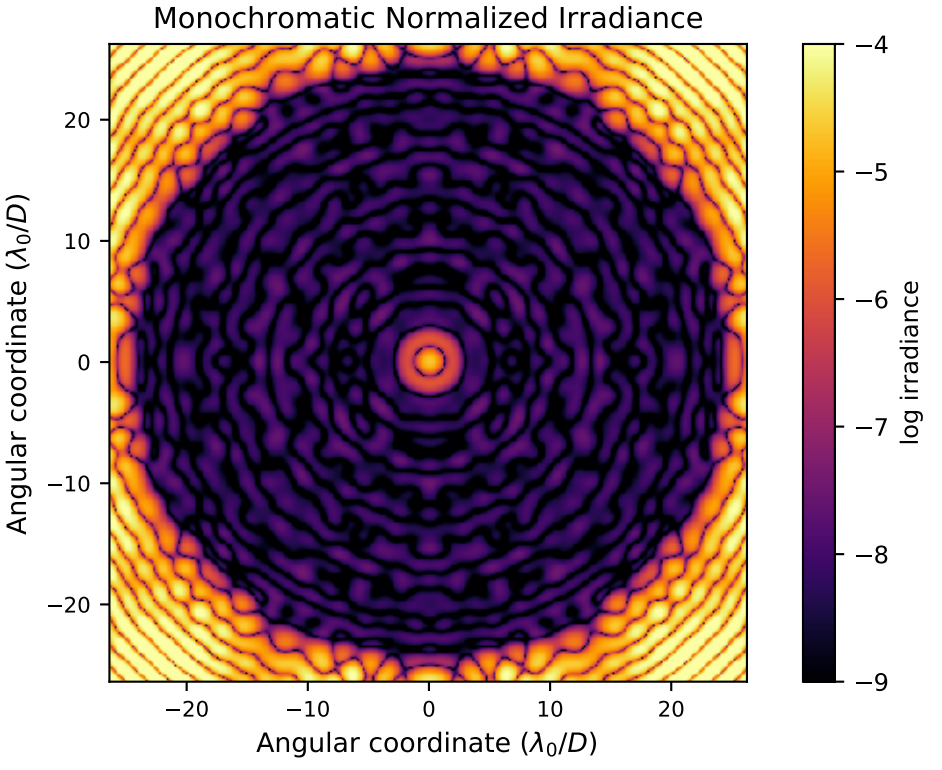


Figure 1 : *Monochromatic on − axis PSF in log irradiance, normalized to the peak irradiance value.*

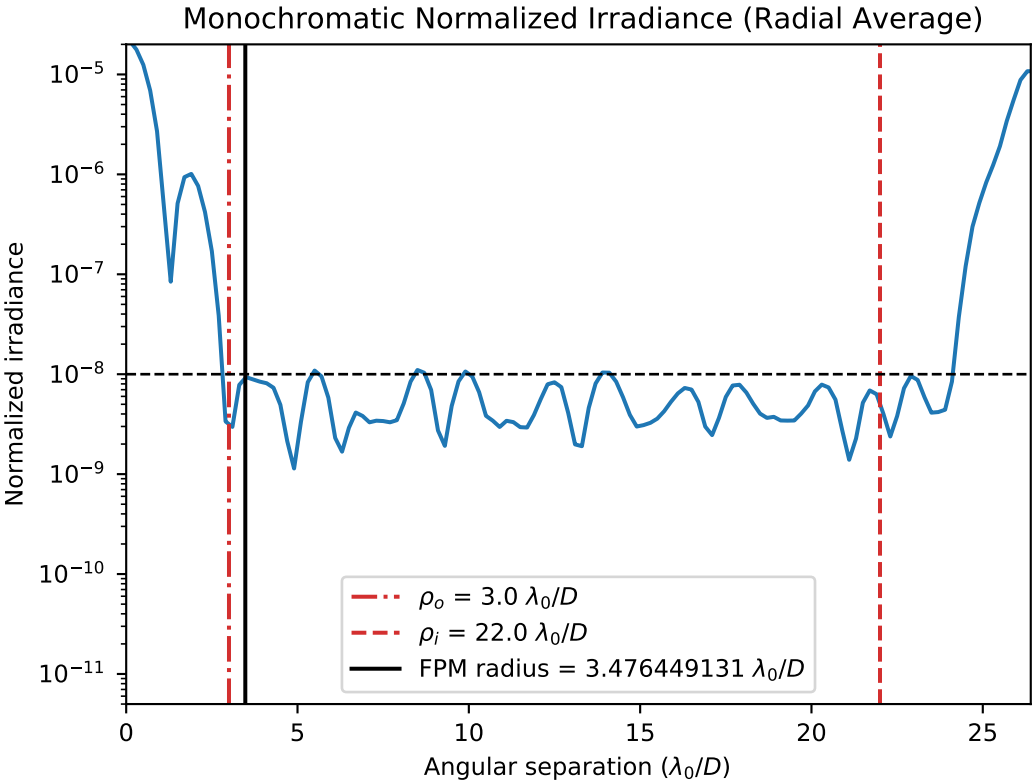


Figure 2: *Monochromatic on − axis PSF azimuthally averaged over angular seperations* 0.1-37.3 *λ/D, normalized to the peak irradiance. The vertical, solid black line at separation* 3.476449131 *λ/D marks the radius of the FPM occulting spot. The vertical, redlines at* 3.0 *and* 22.0 *λ/D respectively indicate the radii of the inner and outermost constraints applied during the apodizer optimization.*

Analysis Summary

Apodizer &
Telescope Aperture

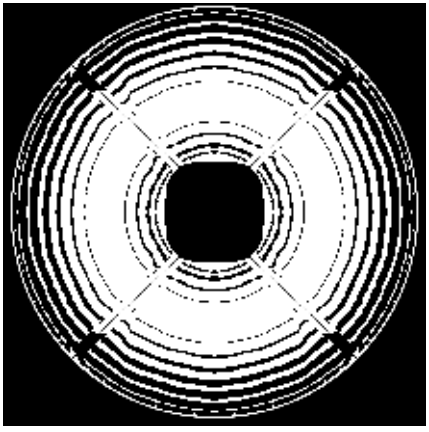


Image plane

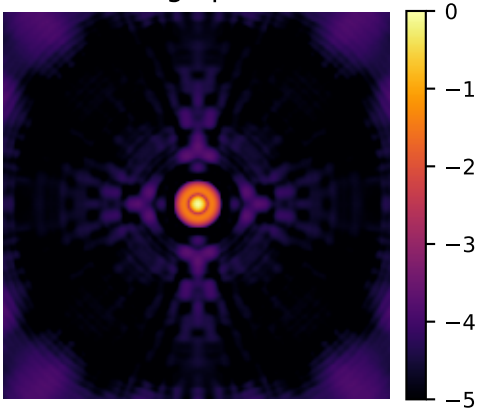
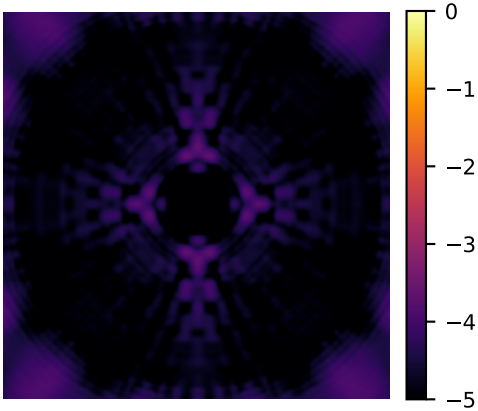
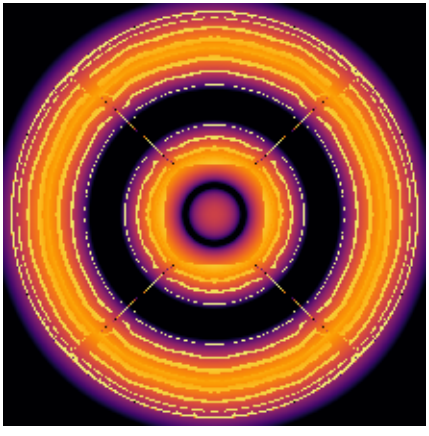
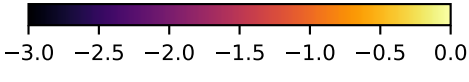


Image plane
w/FPM

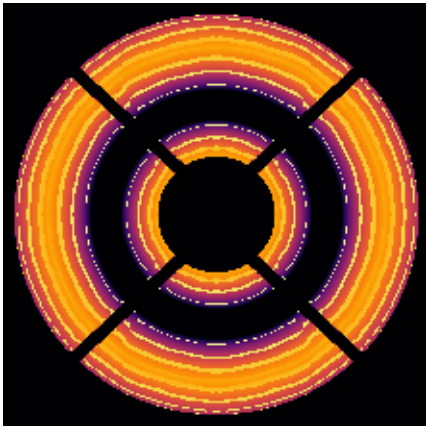


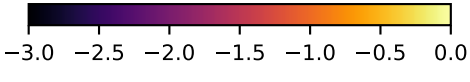
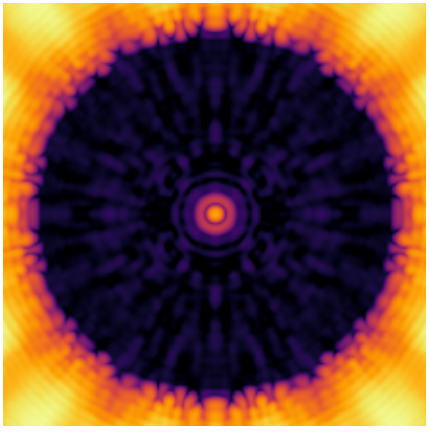
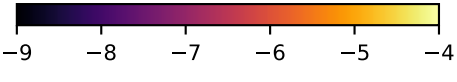
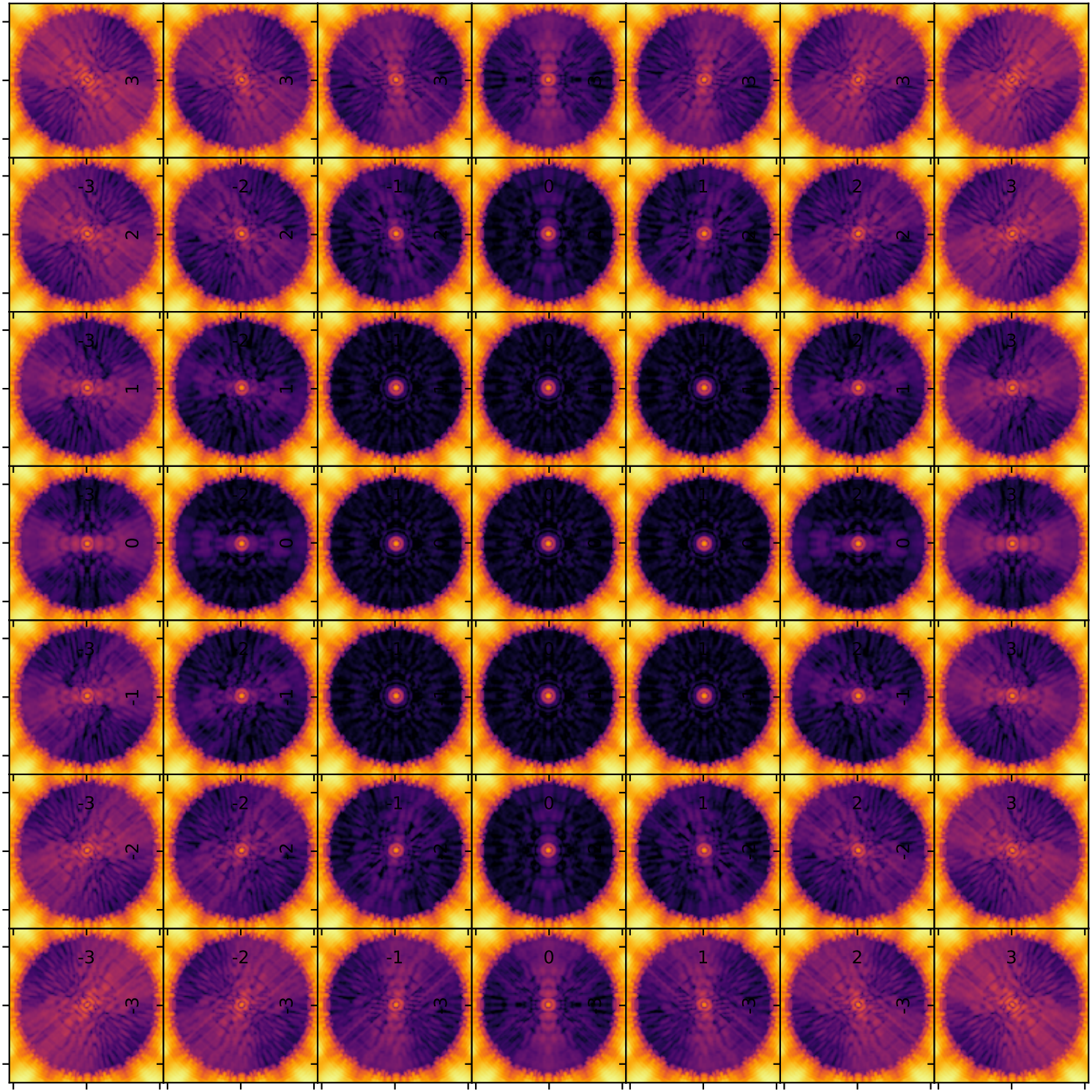
Lyot plane





Lyot plane
w/lyot stop





Final image plane