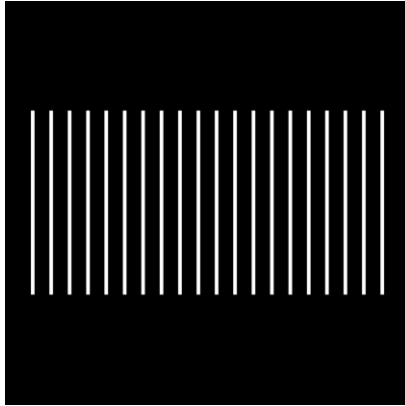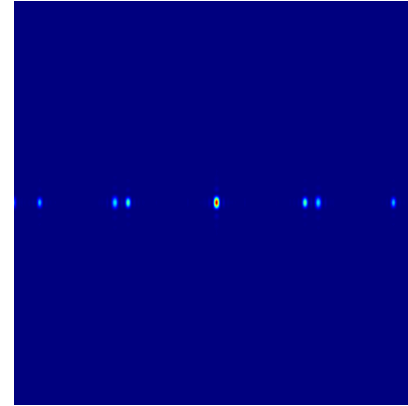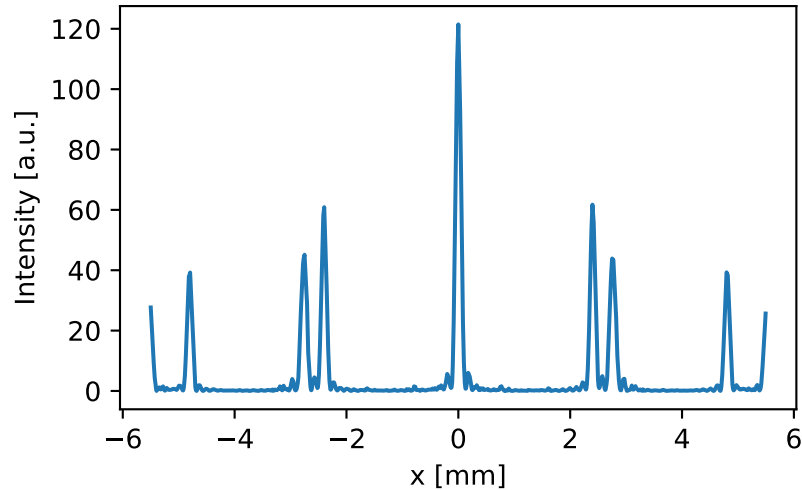## Screen with slits

Intensity distribution at the focus of the lens

Cross section of intensity at the focus

LightPipes for Python,
MultiSlit.py

size = 11.00 mm
λ = 1000.00 nm
$\Delta\lambda$ = 150.00 nm
N = 2000
width of the slits: 0.10 mm
height of the slits: 5.00 mm
separation of the slits: 0.50 mm
number of slits: 20
focal length lens: 30.00 cm

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