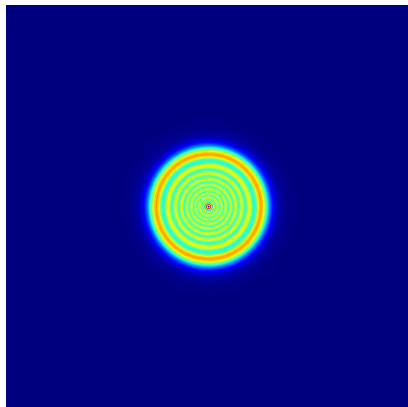
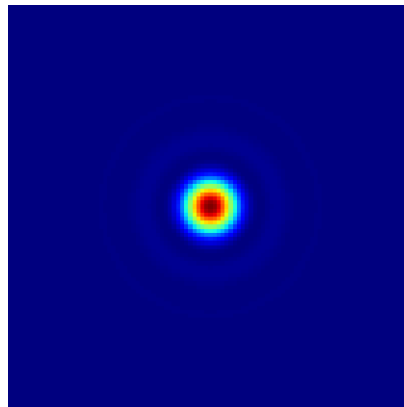


## Diffraction from a round hole

Intensity pattern after 80.0 cm propagation



Intensity pattern at the focus of the lens



### LightPipes for Python

RoundHole.py

size = 25.00 mm

$\lambda = 1.00 \mu\text{m}$

N = 2000

f = 100.00 cm focal length

d = 8.00 mm hole diameter

z = 80.00 cm distance from hole to lens

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