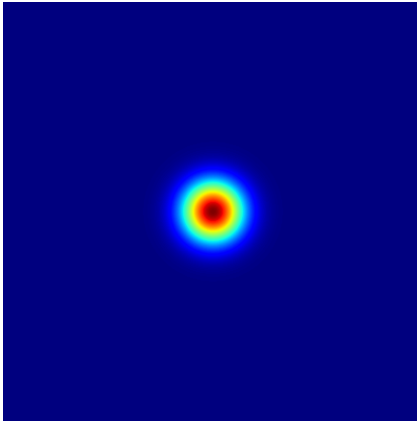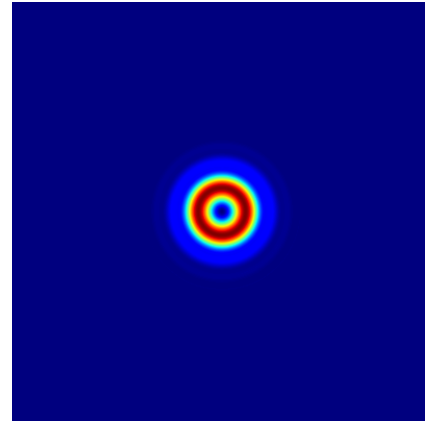# Gauss beam transformation to doughnut with spiral phase plate
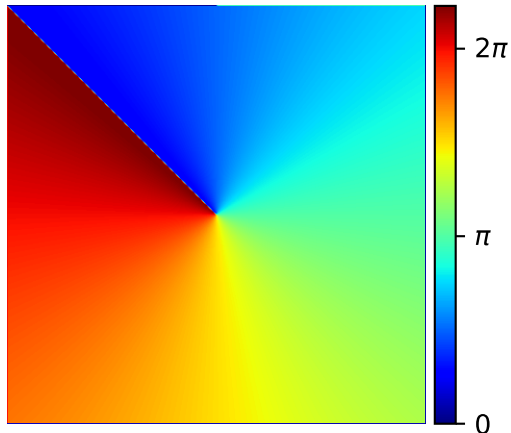
intensity at z = 0 cm

intensity at z = 100.0 cm

phase distribution of the spiral phase plate with order 1

LightPipes for Python,
Spiral_phase_plate.py

$\lambda = 500.00 \ nm$
$size = 10.00 \ mm$
$N = 501$
$w_0 = 1.00 \ mm$
$z = 100.00 \ cm$
$order = \ 1$
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