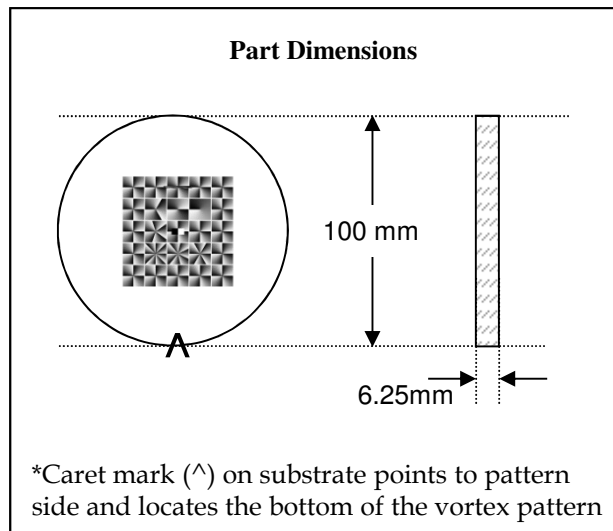


Vortex Phase Plate

VPP-m1064

Properties	
Master	u9311E
Pattern dimension	~50 x 50
Vortex aperture	10 x 10mm
Charge	Various
Phase depth tolerance	±3% (typ.)
Wavelength	1064 nm
Material	Polymer replicated on glass substrate
Transmission spectrum	350-2000nm
Temperature range	-150°C to 120°C
Defects	None



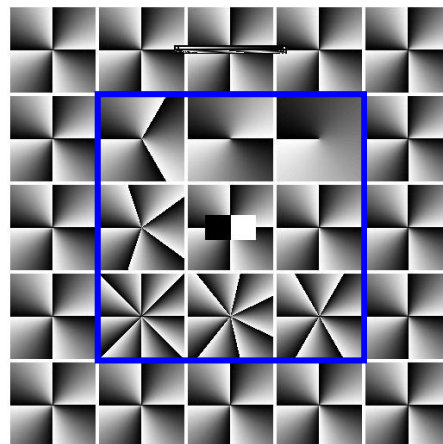
Charge Map

4	4	4	4	4
4	3	2	1	4
4	5		4	4
4	8	7	6	4
4	4	4	4	4



*Pattern side up
Blue boundary indicates clear aperture

Vortex Geometry



Note on handling: As with any high-precision optical component, avoid touching the surface pattern and always use gloves when handling the phase plate.