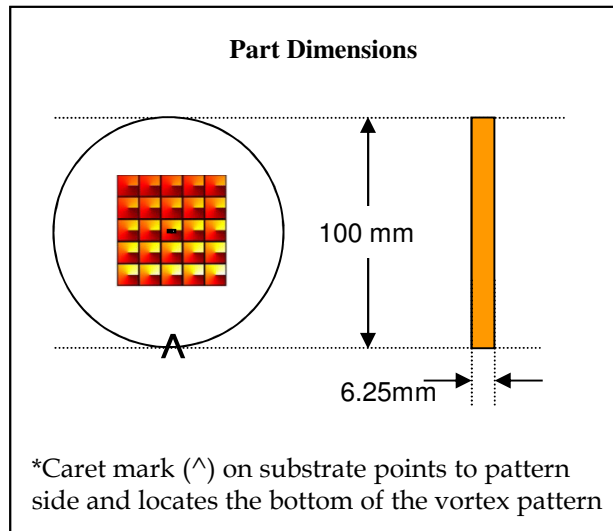


Vortex Phase Plate

VPP-1b

Properties	
Master	u9182E
Pattern dimension	~50 x 50
Vortex aperture	10 x 10mm
Charge	1
Phase depth tolerance	±3% (typ.)
Material	Polymer replicated on glass substrate
Transmission spectrum	350-2000nm
Temperature range	-150°C to 120°C
Defects	None

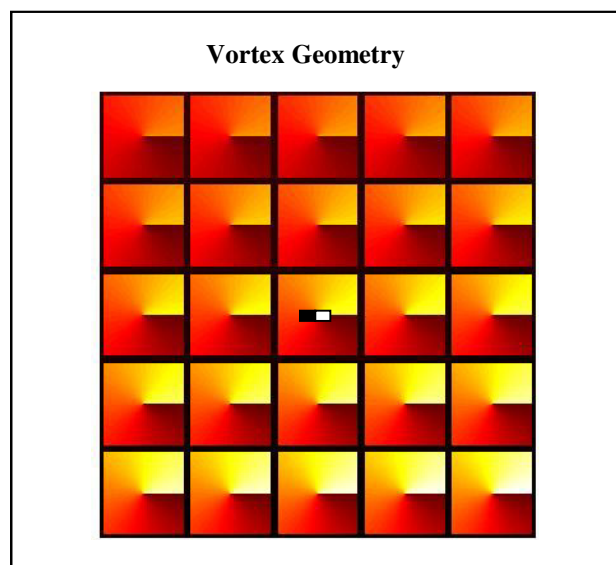


Wavelength Map for 2π Phase Depth

339	365	372	375	398
407	418	432	463	542
548	539		552	582
683	671	708	735	794
858	953	969	1193	1450



*Pattern side up



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