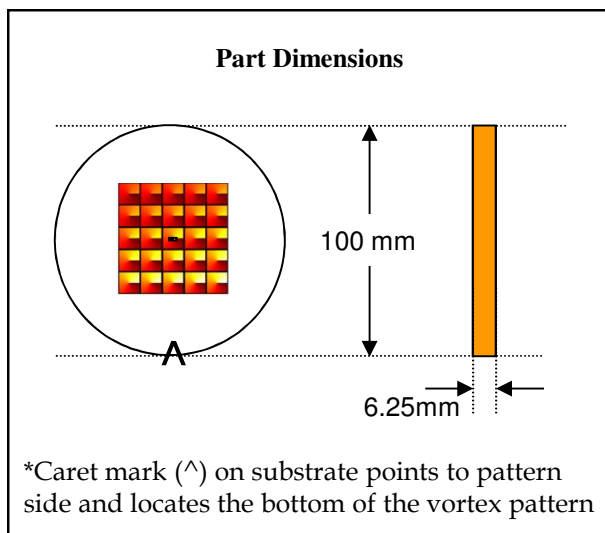


Vortex Phase Plate

VPP-1a

Properties	
Master	u6243E
Pattern dimension	~50 x 50
Vortex aperture	10 x 10mm
Charge	1
Phase depth tolerance	±3% (typ.)
Material	Polymer replicated on glass substrate
Index of refraction	1.56
Transmission spectrum	350-2000nm
Temperature range	-150°C to 120°C

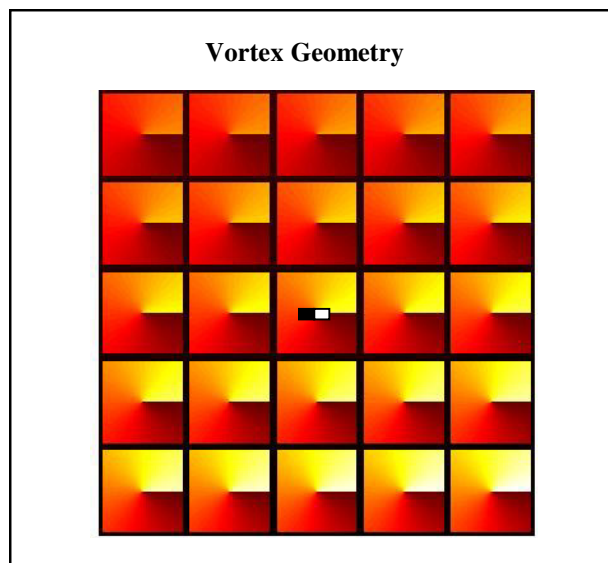


Wavelength Map for 2π Phase Depth

527.0	512.5	487.3	466.2	443.9
629.2	620.4	596.5	576.7	560.8
735.8	727.7		688.9	678.8
849.9	844.2	826.6	807.3	796.3
990.8	999.7	983.6	959.8	939.4

^

***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.