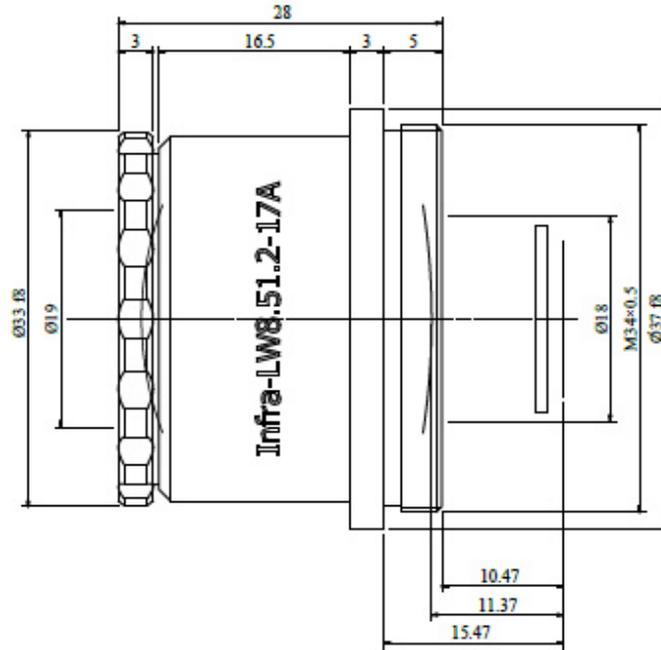


Part No: Infra-LW8.51.2-17A

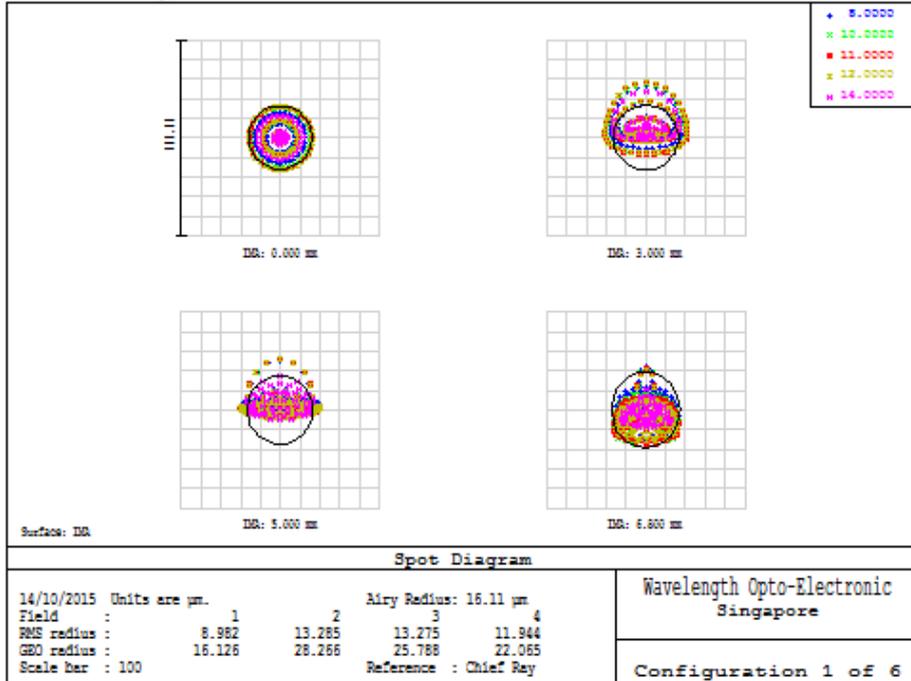


Technical Specification

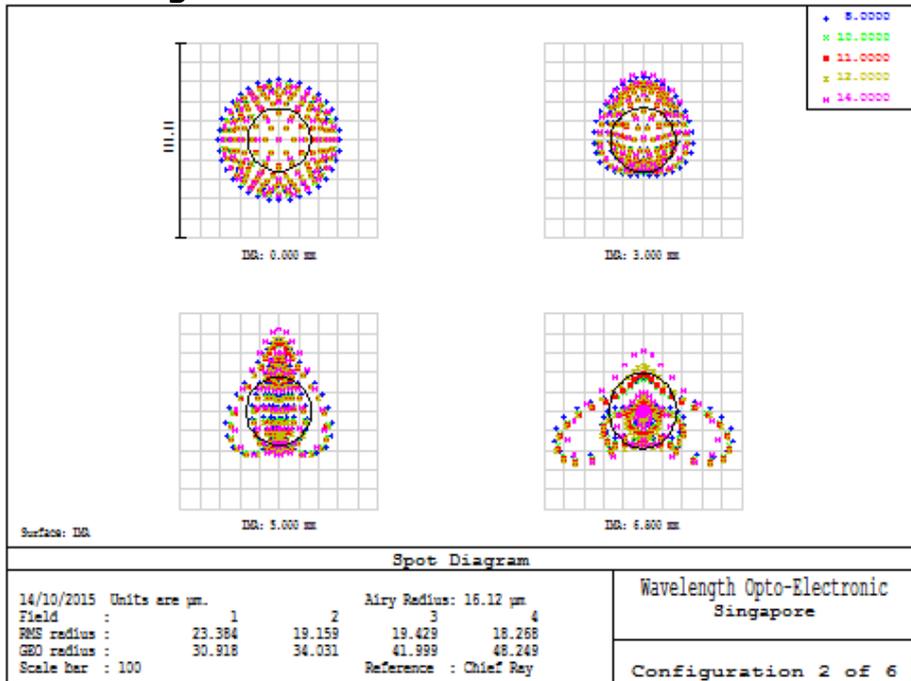
Opto-Mechanic Property	Specification
Focal Length	8.5mm
F#	1.2
Wavelength	8-14um
Circular FOV	77°
Image Diagonal	13.6mm
Average Transmission	90%
Back Focus Distance	15.47mm
Back Working Distance	10.47mm
Dimensions	Length28mm, Ø33mm
Focus Type	Manual Focus
Focus Range	1m to infinity
Mount Type	M34x0.5
Detector	640x480, 17um 384x288, 25um
External Coating	AR
Weight	50g

Spot diagram

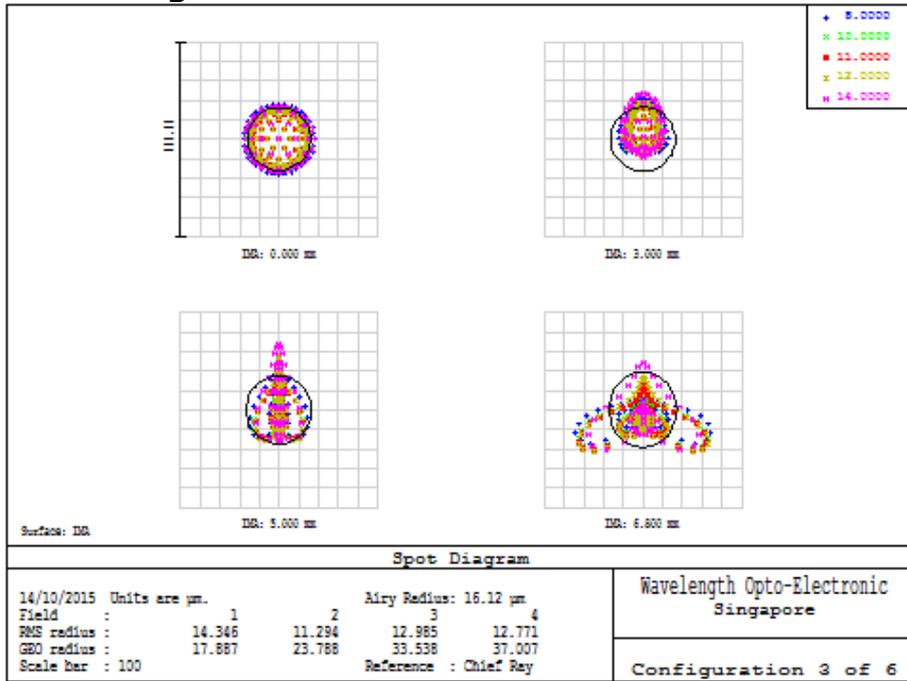
At 20 deg



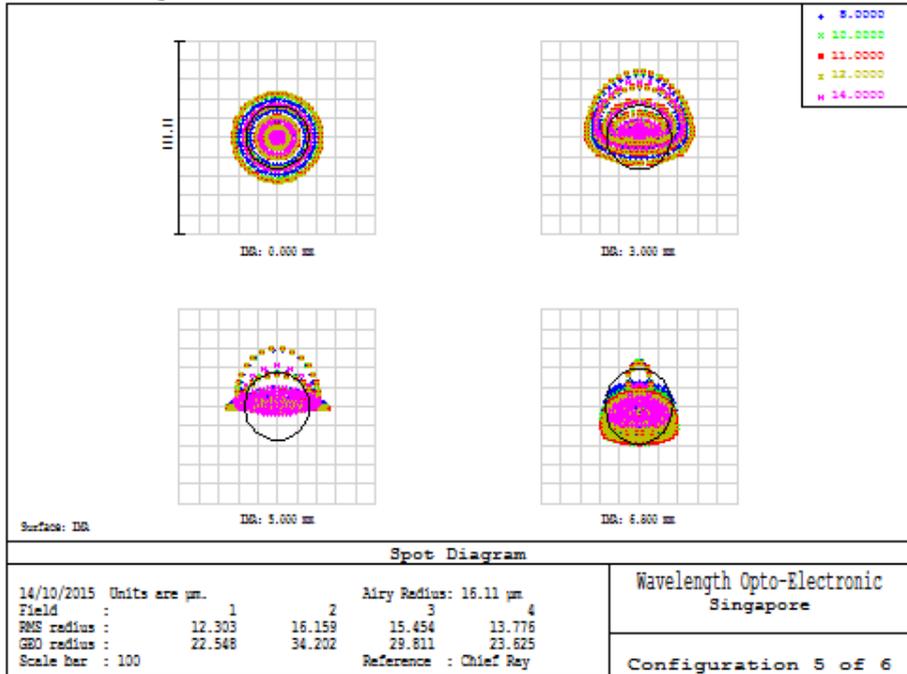
At -40 deg



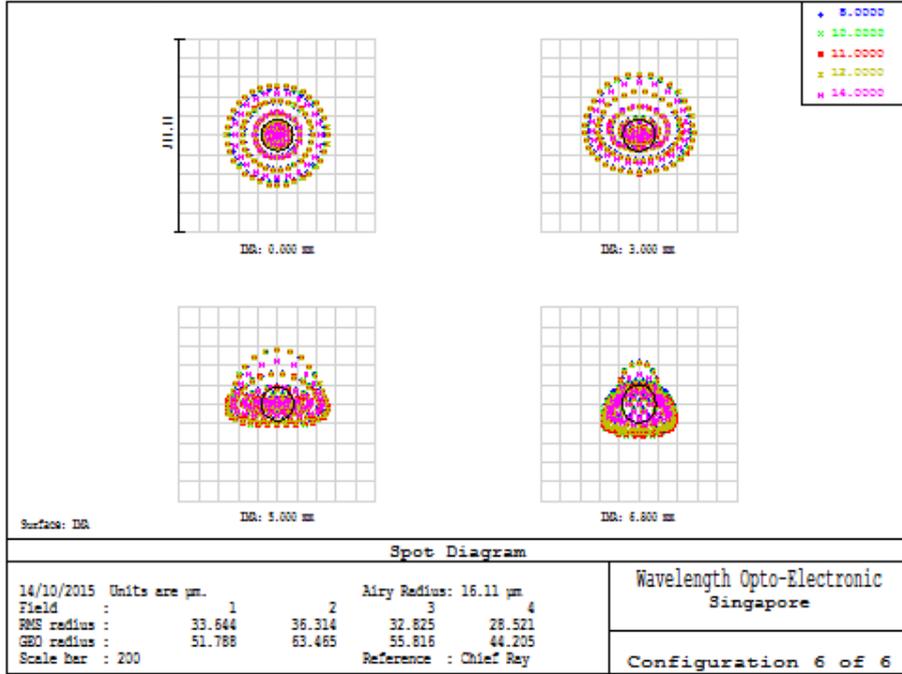
At -15 deg



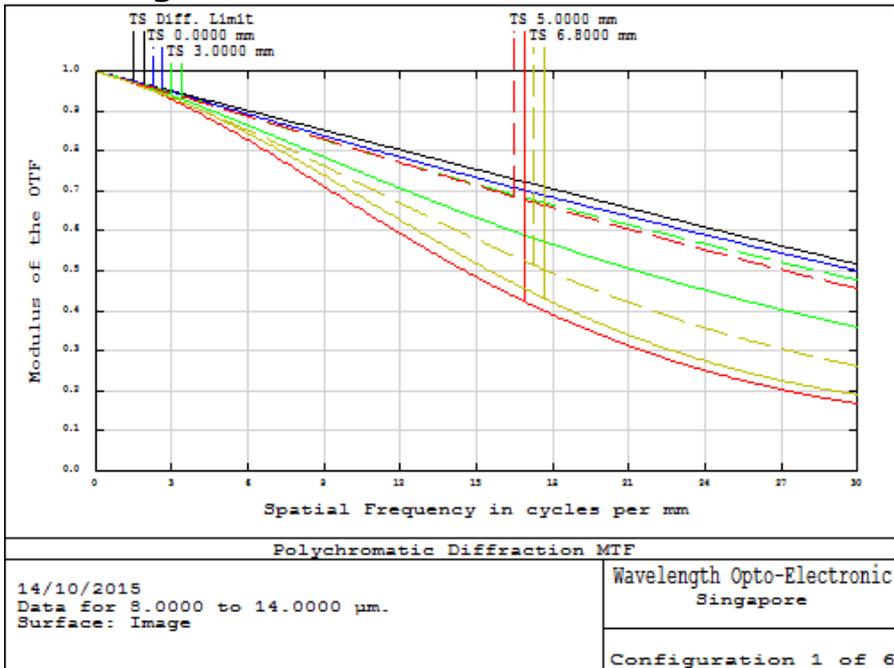
At 35 deg



At 60 deg

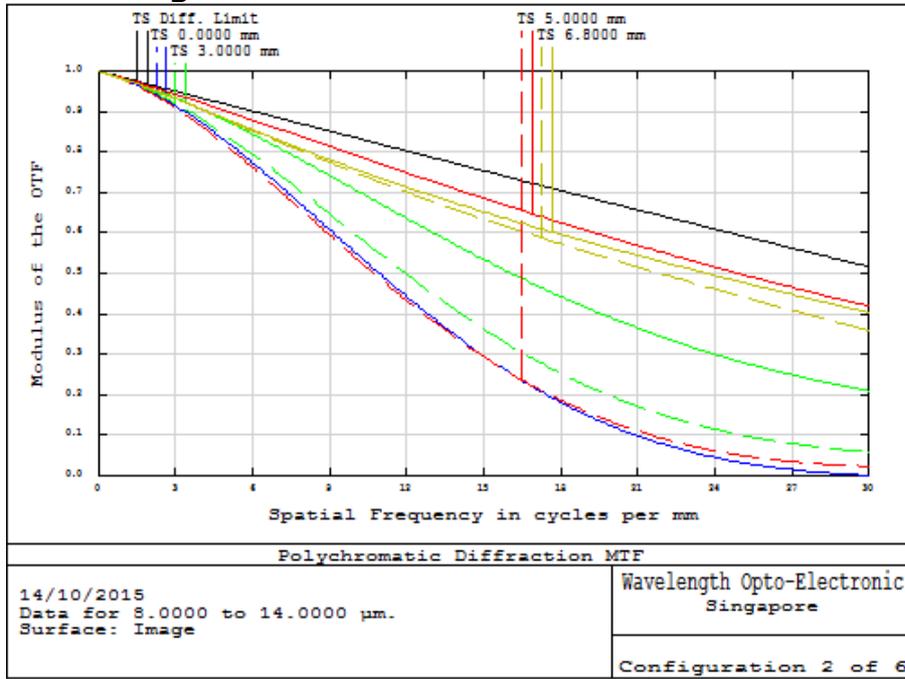


MTF @ 30lp/mm from 8 -14um
At 20 deg

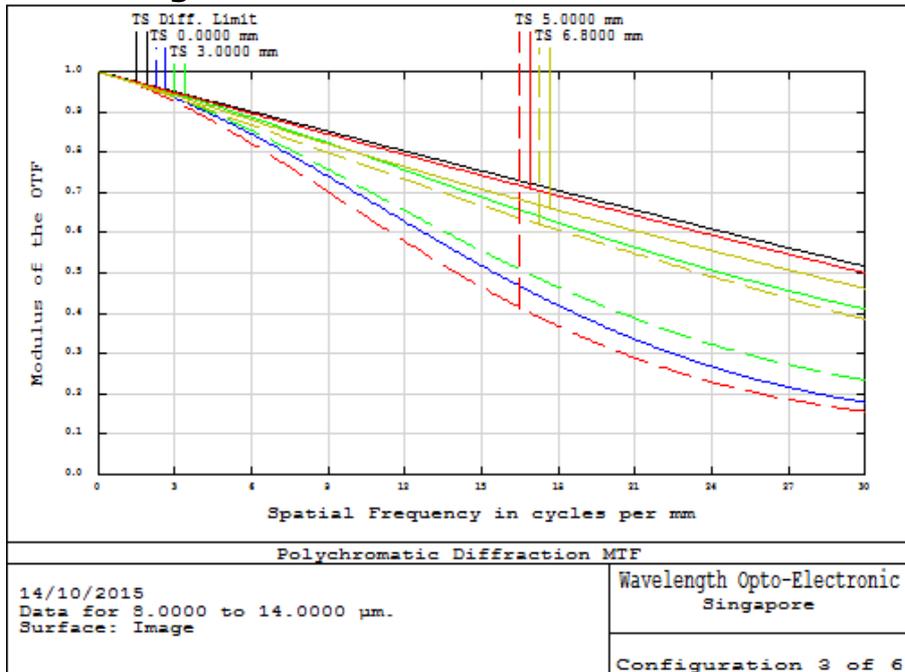




At -40 deg

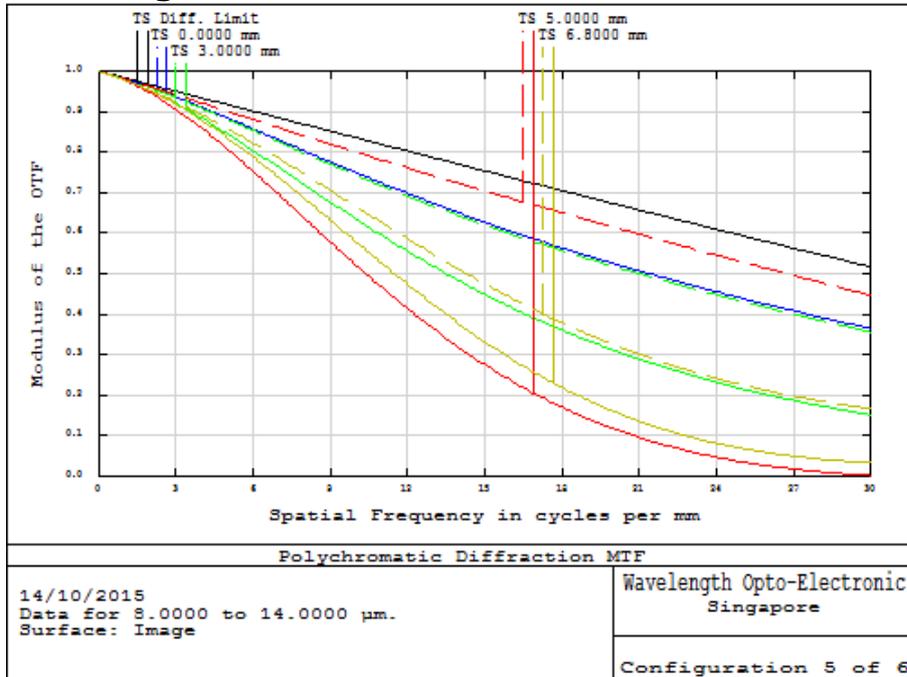


At -15 deg

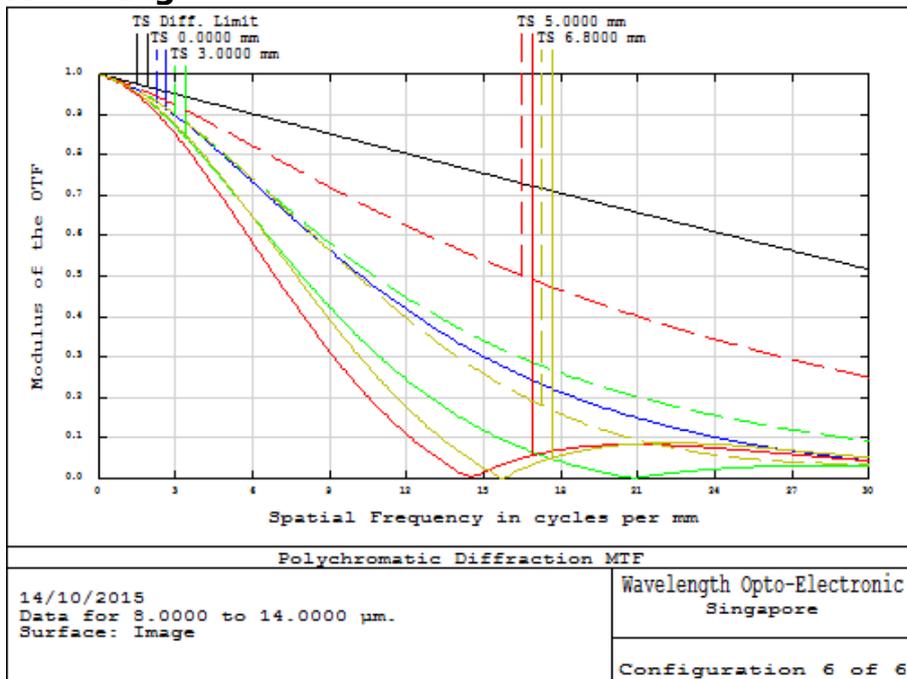




At 35 deg

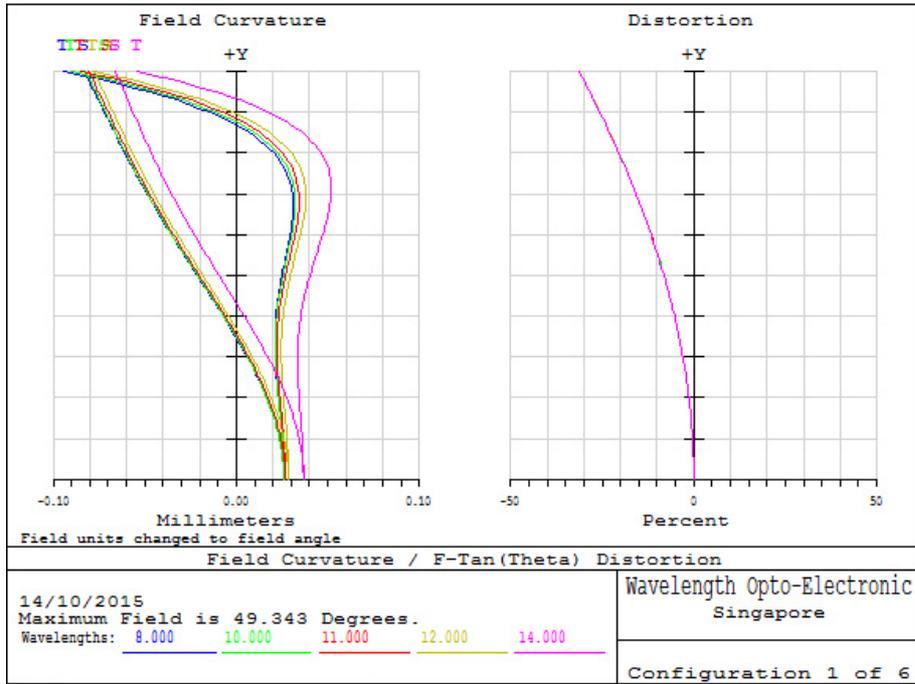


At 60 deg





Distortion Plot



Relative Illumination

