

SWIR 25/2.5

Short Wave Infrared

With one of the highest resolution short-wave infrared lenses in industry, our SWIR offers unmatched performance for all night and infrared applications. Our in-stock lenses operate at 0.9-2.5 um wavelength industry standard with less than 2% distortion.



Custom solutions are available, please contact us for more details.

KEY FEATURES

- High Precision Focusing Locking Mechanism
- Excellent Infrared Coating Techniques
- Full Spectrum Aberration Correction
- Ultra-Broadband Antireflection Coatings
- Outstanding Spectral/Spatial Resolution
- Low Levels of Scattered or Stray Light

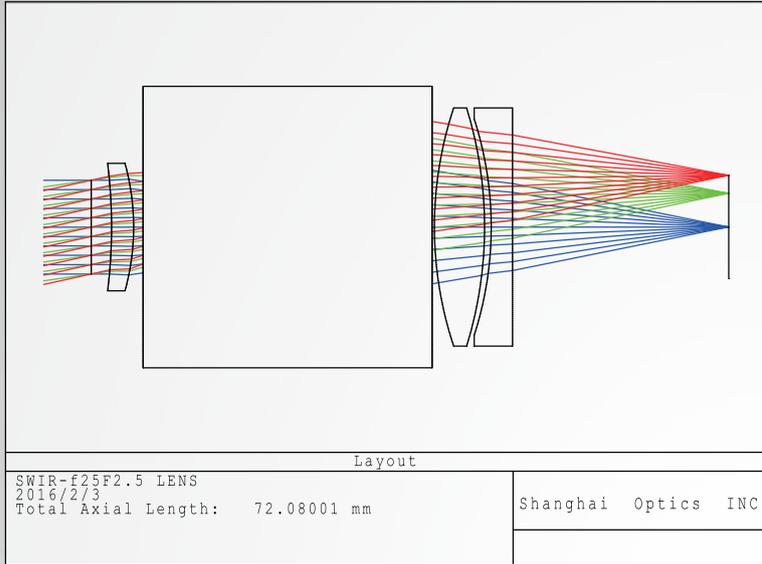
OPTICAL SPECIFICATIONS

EFFECTIVE FOCAL LENGTH	(MM)	25.0
BACK FOCAL LENGTH	(MM)	22.8
TOTAL TRACK	(MM)	72.1
F/#		2.5
Paraxial Image Height	(MM)	5.5
FIELD OF VIEW	(HxV)	2/3" 38°47'x 29°35' 1/2" 28°43'x 21°44'
AR COATING	(nm)	900-2500
MECHANICAL INTERFACE		C-MOUNT
OPERATING TEMPERATURE	(°)	-20 - + 40

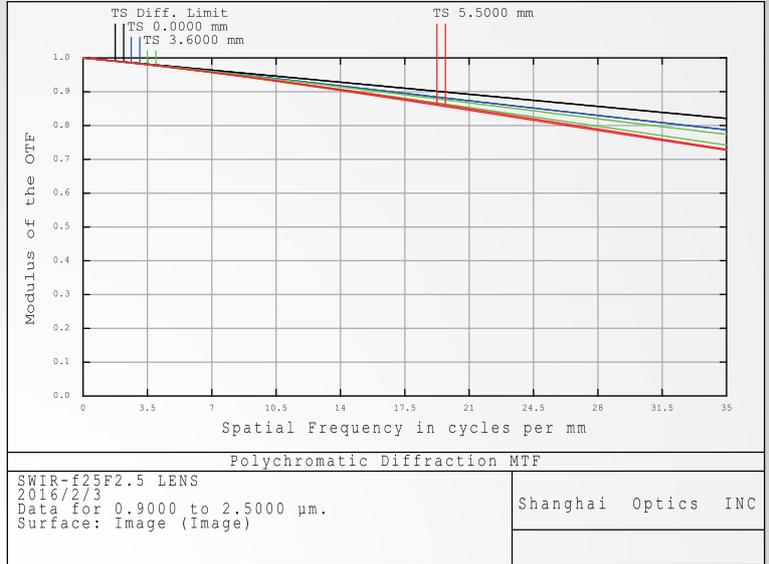
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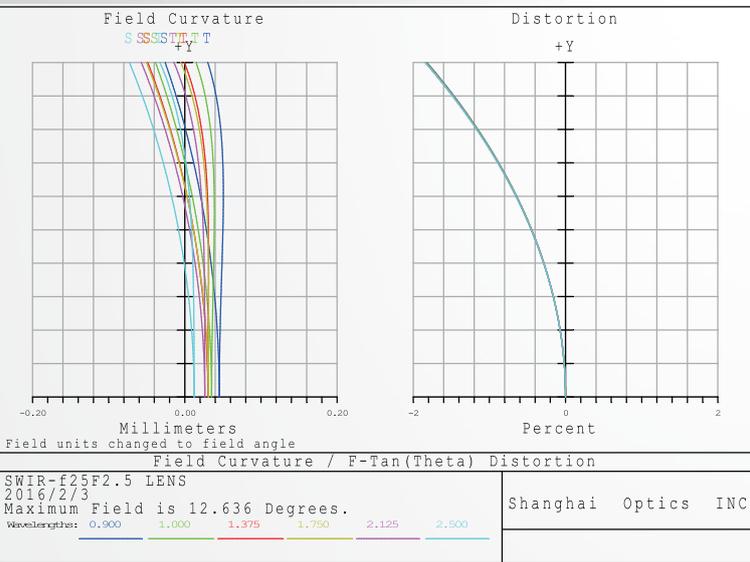
MIDWEST OFFICE
 PHONE: 970-744-3721



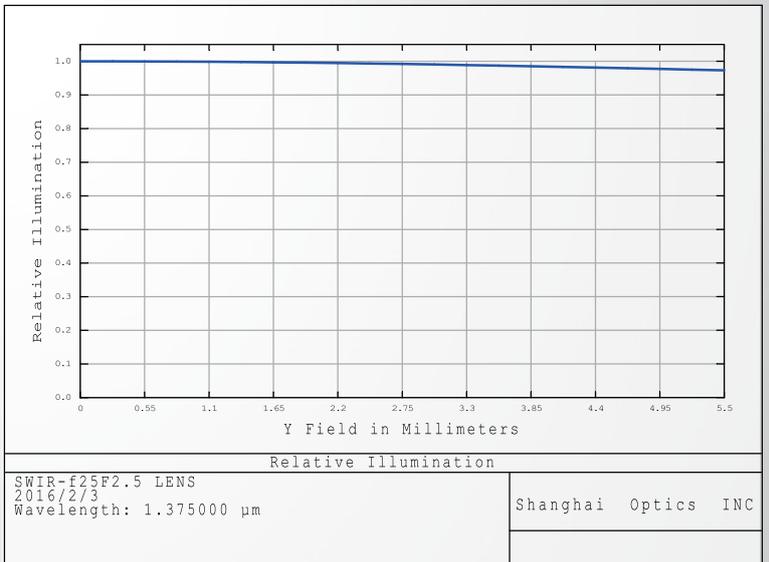
SWIR lens layout (f25mm F2.5)



Polychromatic Diffraction MTF showing SWIR lens quality (f25mm F2.5)



F-Theta Distortion (f25mm F2.5)



Relative Illumination chart (f25mm F2.5)