

# Lens Specification Worksheet

Navitar specializes in designing custom lenses that meet the needs of your application. Please complete all applicable fields below and fax to 585-359-4999 or email to your account manager.

Customer Information	
Name:	Phone Number:
Company:	Fax Number:
Address:	City, State, Zip:
Wavelength Input (choose one or both)	
Nominal Wavelength (For visible enter "visible"):	
Minimum & Maximum Wavelength:	
Conjugate Input (Choose two only)	
Focal Length:	
Magnification (Image sensor height/object $\phi$ ):	
Object-to-Image Distance:	
Object Distance (Working Distance):	
Field Input (Choose one)	
Object Diameter:	
Sensor Dimensions (or sensor format):	
Field Angle (Horizontal or diagonal?):	
Sensor Model Number:	
Aperture Input (Choose one)	
Entrance Pupil Diameter:	
F# (Infinity f#):	
NA (Numerical aperture) at the Object:	
NA (Numerical aperture) at the Image:	
Depth of Field (at object):	
Resolution (Choose one)	
Pixel Size (Optimize lens for camera pixel size)	
Limiting Frequency (Maximum = 3000* object NA):	
MTF (Fill in brackets):	[     ]% contrast at [     ] lp/mm at center [     ]% contrast at [     ] lp/mm edge of field
Illumination (If desired)	
Percent Light at Edge of Field (Center =100%)	
Telecentricity (If desired)	
Maximum Angle on Object Side	
Maximum Angle on Image Side	
Special Requirements:	