

Carl Zeiss Industrial Lenses

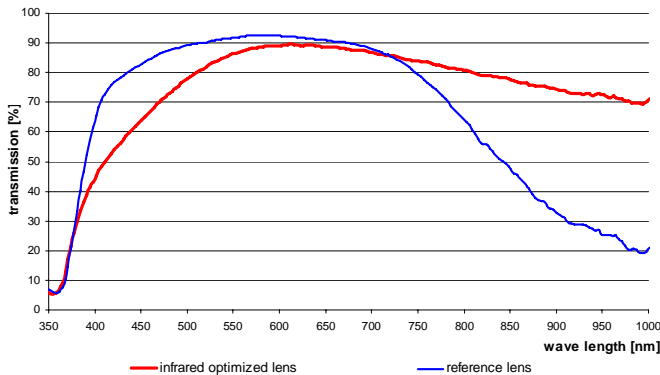
Introducing **ZEISS ZF-IR** lenses, a new series of high quality, F-bayonet mount optics for industrial NIR applications. Featuring manual focus, fixed focal length and locking aperture and focus rings, the ZEISS ZF-IR lenses are ideal for use with machine vision cameras that feature a spectral response into the NIR range.

Each ZEISS ZF-I lens offers the following features and benefits:

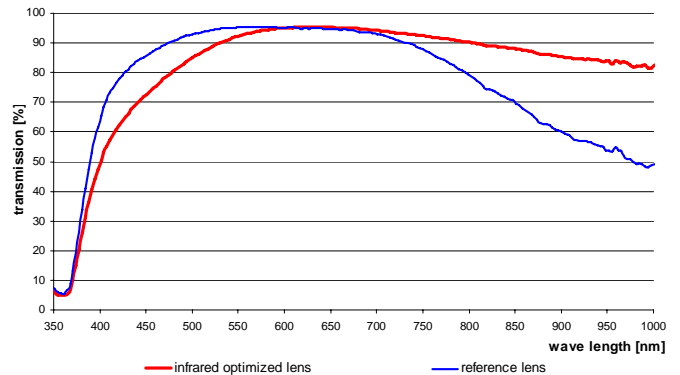
- *Uniform image quality across the entire frame*
 - ZEISS lenses are hand made in small batches using very narrow production tolerances
- *Extended light transmission up to 1,000 nm*
 - Eliminates hot-spot problems that are common when using lenses designed for visible light
- *Long focus rotations for fine focus control*
 - Silky smooth action
- *Locking aperture ring and focus barrel*
 - Supplied with five locking screws
- *Long service life*
 - Durable brass and alloy construction, with high wall thickness
- *Carl Zeiss lenses are hand made & 100% quality inspected*
 - Over 100 different quality inspections performed



Distagon 2.8/25 ZF-IR vs. Distagon T* 2.8/25 ZF



Planar 1.4/85 ZF-IR vs. Planar T* 1.4/85 ZF



TECHNICAL SPECIFICATIONS

Product	Lens Mount	Focal Length mm	Aperture Range 1/2 stop	Focusing Range	Angular Field Diag / Horiz	Coverage at Close Range mm	Filter Thread Size	Dimensions W / L mm
Distagon T* 2,8/25 ZF-IR	F	25.7	f/2.8 – f/22	0.17 m - ∞	80.2° / 70°	550 x 830	58 x 0.75	65 x 66
Planar T* 1.4/50 ZF-IR	F	51.7	f/1.4 – f/16	0.45 m - ∞	45.4° / 38.4°	160 x 240	58 x 0.75	66 x 45
Planar T* 1,4/85 ZF-IR	F	84.8	f/1.4 – f/16	1 m - ∞	28.6° / 24°	240 x 360	72 x 0.75	72 x 62

