

Miniature NoGhost™ Lens



Description

The DSL988 lens is a compact, low F/# lens designed for automotive machine vision (sensing) and wing mirror replacement cameras using high dynamic range (HDR) sensors with 1MP or higher resolutions. This lens is a prime example of our latest generation of NoGhost™ designs. Stray light effects such as flare and ghosting have been minimized or eliminated.

Key Features

- Low F/#
- Minimized Stray Light
- All glass construction for stable focus over temperature

Optical Specifications

Sunex PN DSL988	
Description	NoGhost™ lens
Imager Format	Up to 1/3"
Nominal Imager Resolution	1.3 MP
Focal Length	5.39 mm
Relative Aperture (F/#)	F/1.6
Image Circle	6.0 mm
Field of View	38° at 3.6 mm image circle 52° at 4.8 mm image circle 66° at 6.0 mm image circle
Total Track Length	19.5 mm
Distortion	-12.5% from F-tan(θ)
Chief Ray Angle	13.5° at 6.0mm image circle, linear
IR cut-off filter	Optional IR cut-off filter

Applications

- Automotive Forward Machine Vision
- Automotive Mirror Replacement
- Computer Vision

