

Low F/#, HDR lens



Description

The DSL450 is an all-glass lens designed for 1/1.8" image formats. The low-ghost HDR design, and low f/#, combined with the all-glass construction make this lens ideally- suited for indoor or outdoor applications.

Key Features

- F/1.44
- HDR-Optimized for low flare and ghost
- All glass construction for thermal and environmental stability
- Fovea distortion

Optical Specifications

Sunex PN DSL450	
Description	HDR, all glass
Imager Format	1/1.8"
Nominal Imager Resolution	8.3MP
Focal Length	5.06mm
Relative Aperture (F/#)	1.44
Image Circle	8.8mm @150°
Field of View	122° @8.064mm image circle 55.3°@4.536mm image circle
Total Track Length	30mm
Distortion	-25.2% f-theta @ 8.064mm
Chief Ray Angle	11.8° @8.8mm image circle
IR cut-off filter	650nm/NIR optional

Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

