

### Low F/#, HDR lens



### Description

The DSL451 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/1.46
- HDR-Optimized for low flare and ghost
- All glass construction for thermal and environmental stability
- Fovea distortion

### Optical Specifications

Sunex PN DSL451	
Description	HDR, all glass
Imager Format	1/1.8"
Nominal Imager Resolution	8.3MP
Focal Length	4.71mm
Relative Aperture (F/#)	1.46
Image Circle	8.4mm @158°
Field of View	140° @8.064mm image circle 60° @4.536mm image circle
Total Track Length	30mm
Distortion	-35.3% f-theta @ 8.4mm
Chief Ray Angle	10.6° @8.4mm image circle
IR cut-off filter	680nm/NIR optional

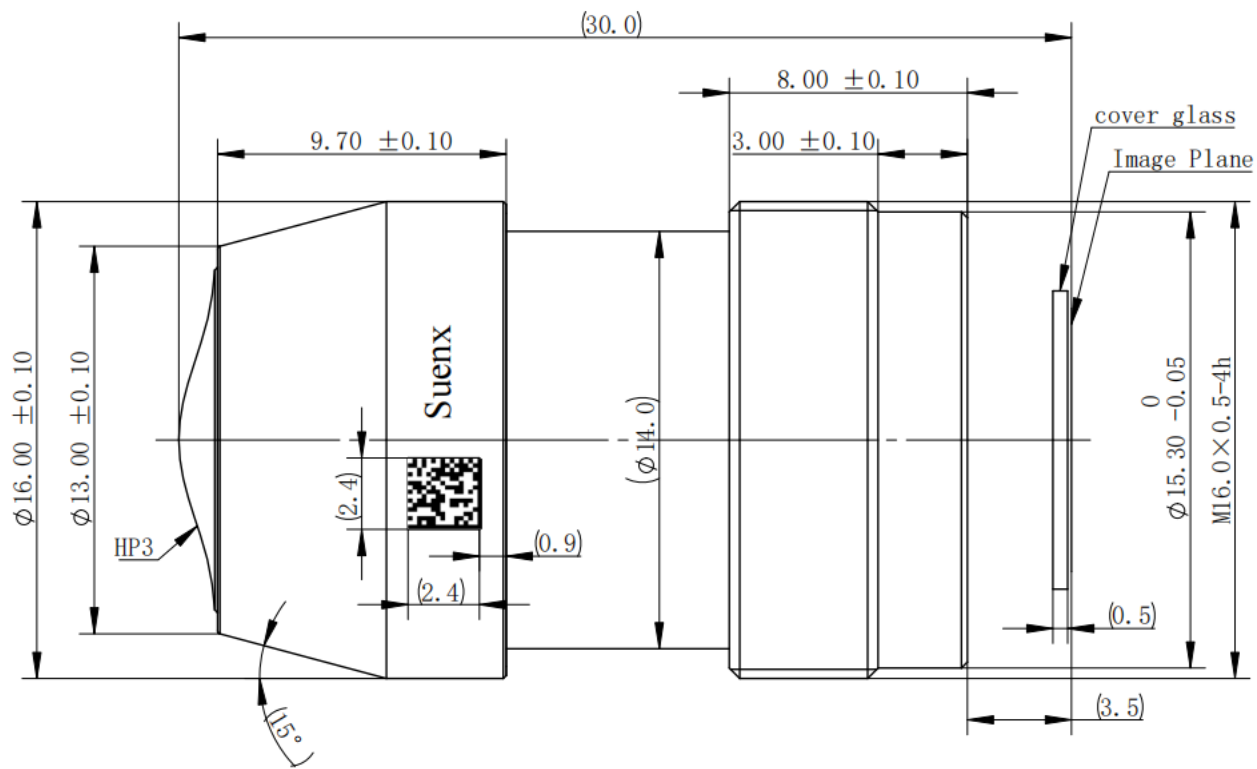
### Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

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### DSL451B-680-F1.4-HP3 Mechanical Dimensions [mm]:

Note: DSL451 is intended for use with Sunex CMT331A mount.



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**Sunex, Inc.**  
Telephone: +1 760 597 2966  
www.sunex.com