

High resolution ADAS lens, HDR lens



Description

The DSL452 is an all-glass lens designed for 1/1.43" image formats. The low-ghost HDR design, and big f/#, combined with the all-glass construction make this lens ideally- suited for automotive applications.

Key Features

- HDR-Optimized for low flare and ghost
- All glass construction for thermal and environmental stability
- High resolution
- Fovea distortion

Optical Specifications

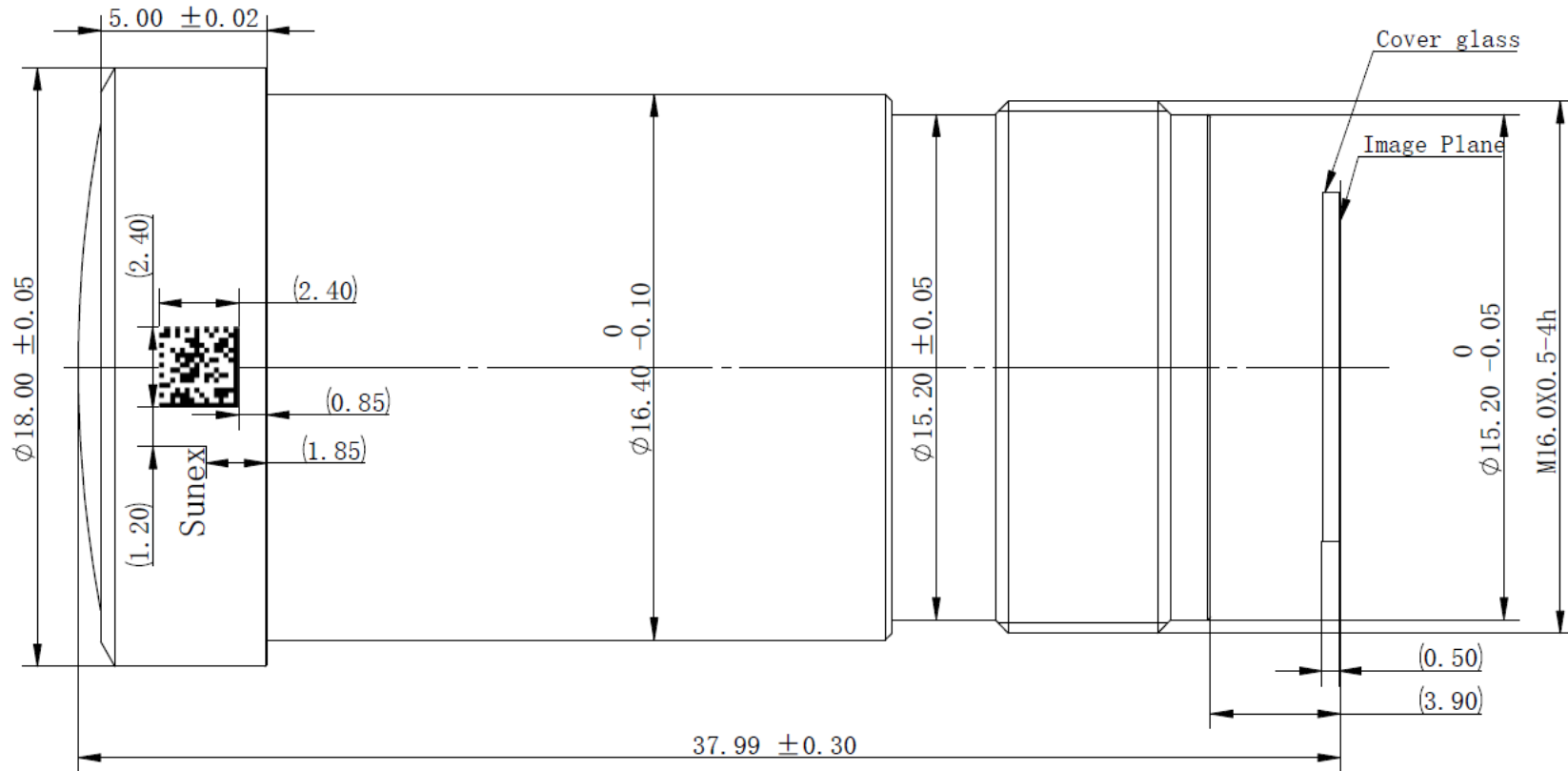
Sunex PN DSL452	
Description	HDR, all glass
Imager Format	1/1.43"
Nominal Imager Resolution	12MP
Focal Length	5.13mm
Relative Aperture (F/#)	1.6
Max Image Circle	11.13mm
Field of View	120° @9.7mm image circle 62.6° @5.46mm image circle
Total Track Length	38mm
Distortion(F-theta)	-10%@9.7mm
Chief Ray Angle	17.3°@9.7mm image circle
IR cut-off filter	650nm optional

Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

Excellence in Digital Imaging Optics

DSL452A-650-F1.6 Mechanical Dimensions [mm]:



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