

High resolution ADAS lens, HDR lens



Description

The DSL458 is an all-glass lens designed for 1/1.8" 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
- F-theta distortion

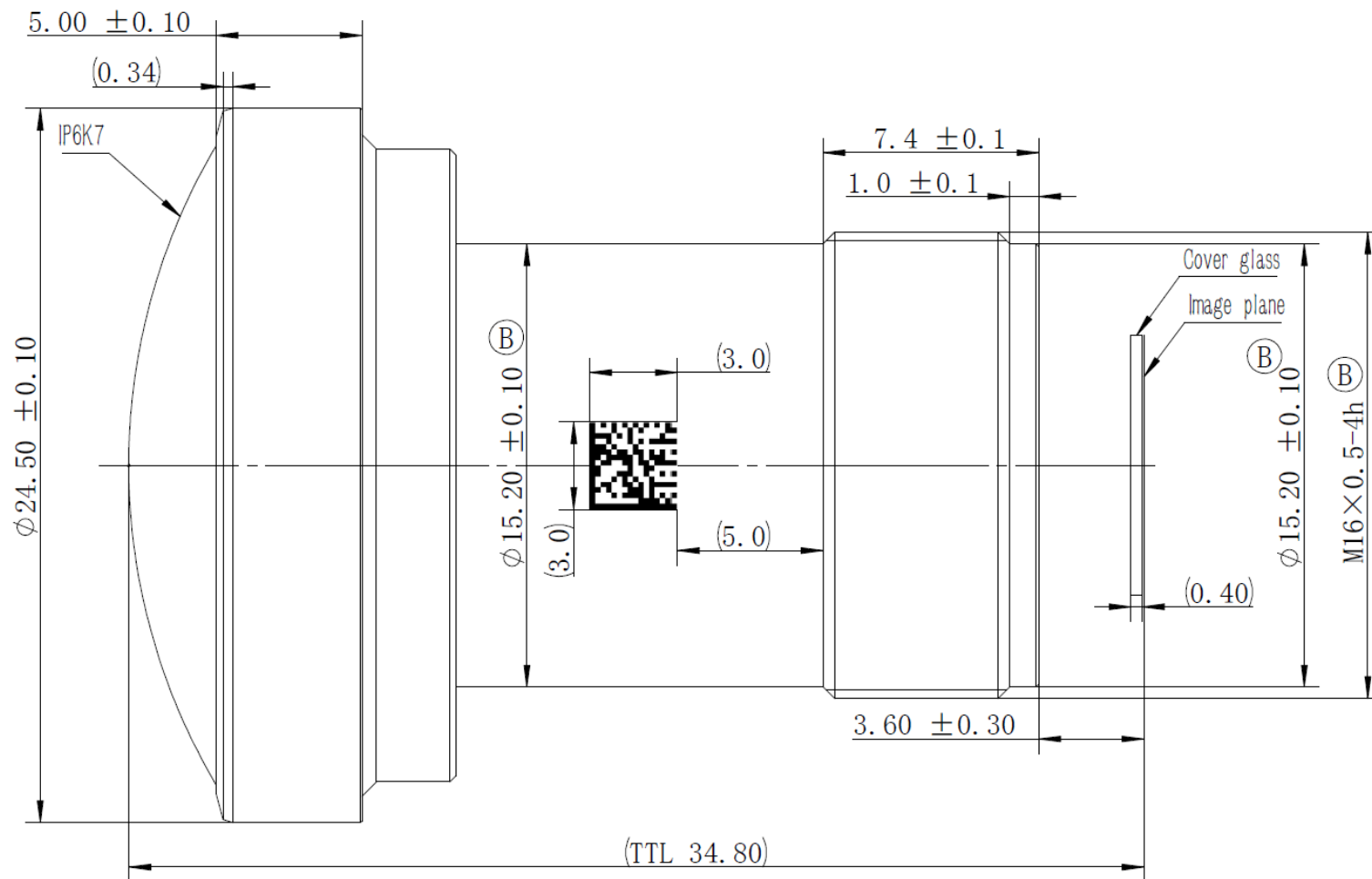
Optical Specifications

Sunex PN DSL458	
Description	HDR, all glass
Imager Format	1/1.8"
Nominal Imager Resolution	20MP
Focal Length	2.94mm
Relative Aperture (F/#)	1.8
Max Image Circle	8.9mm
Field of View	148° @7.16mm image circle 190° @8.96mm image circle
Total Track Length	34.8mm
Distortion(F-theta)	-8%@8.96mm
Chief Ray Angle	11.4°@8.96mm image circle
IR cut-off filter	640nm optional

Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

DSL458A-640-F1.8 Mechanical Dimensions [mm]:



SUBJECT TO CHANGE WITHOUT NOTICE

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