Sunex

Excellence in Digital Imaging Optics

DSL678 Specification Sheet

Low F/#, HDR lens

Description

The DSL678 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 outdoor applications.

Key Features

- HDR-Optimized for low flare and ghost
- All glass construction for thermal and environmental stability
- Equidistant projection

Optical Specifications

Sunex PN DSL678	
Description	HDR, all glass
Imager Format	1/1.8”
Nominal Imager Resolution	8MP
Focal Length	3.84mm
Relative Aperture (F/#)	1.65
Image Circle	9.25mm
Field of View	124.2° @8.064mm image circle 142.6° @9.25mm image circle
Total Track Length	30.1mm
Distortion(F-theta)	-2.9%@9.25mm
Chief Ray Angle	19.6°@9.25mm image circle
IR cut-off filter	680nm/650nm optional

Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

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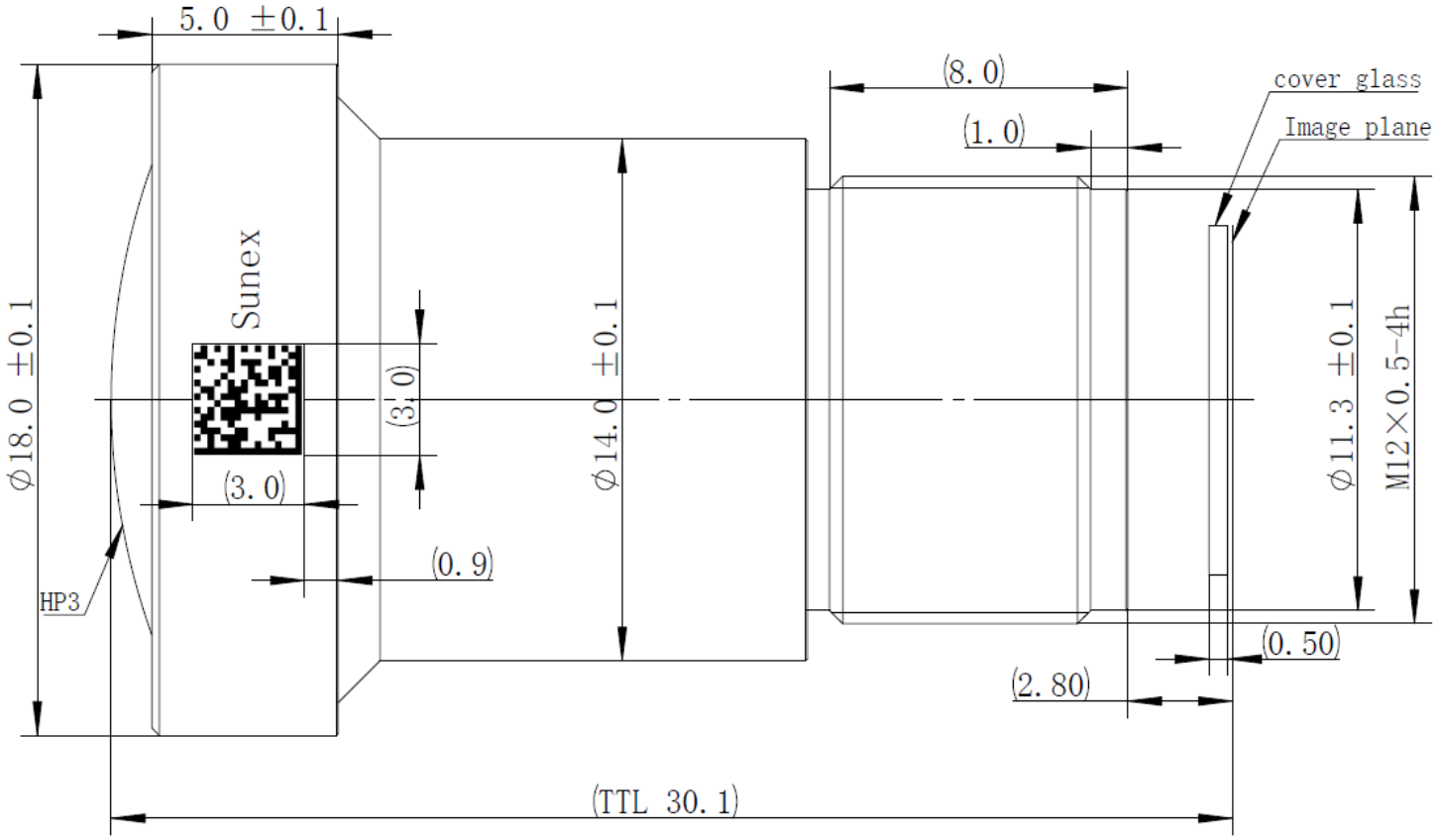
DSL678F-680-F1.6-HP3 Mechanical Dimensions [mm]:

Note: DSL678 is intended for use with Sunex CMT821 mount.



DSL678E-680-F1.6-HP3 Mechanical Dimensions [mm]: