

Low F/#, HDR, Fovea lens



Description

The DSL345 is an all-glass lens designed for 1/2" 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/1.6
- HDR-Optimized for low flare and ghost
- All glass construction for thermal and environmental stability
- Fovea distortion

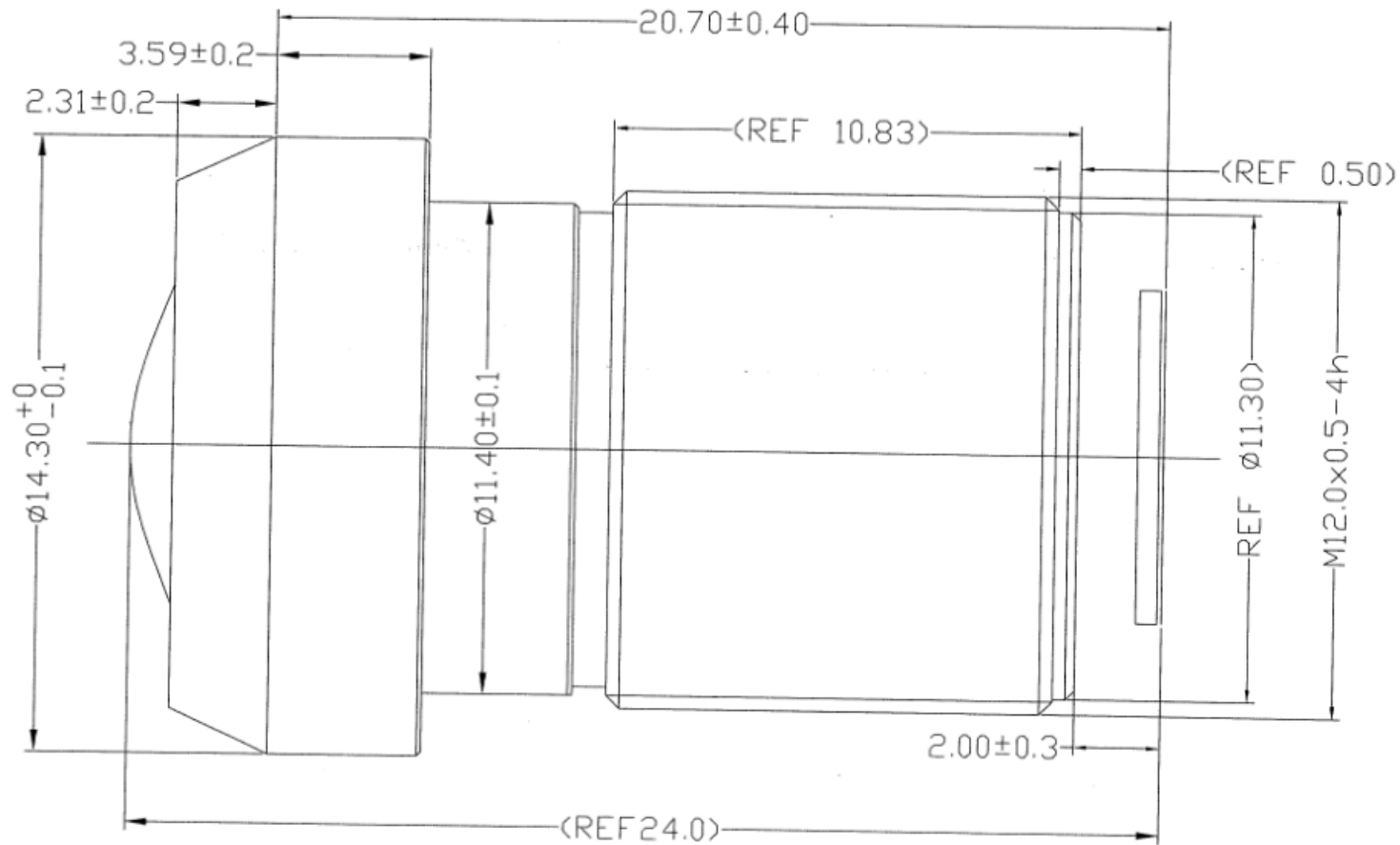
Optical Specifications

Sunex PN DSL357	
Description	HDR, all glass
Imager Format	up to 1/2"
Nominal Imager Resolution	up to 3MP
Focal Length	6.14mm
Relative Aperture (F/#)	1.6
Image Circle	7.6mm @100°
Field of View	100° @7.6mm image circle 64° @5.76mm image circle
Total Track Length	24mm
Distortion	-48% f-tan(theta) @7.6mm
Chief Ray Angle	18.3° @7.6mm image circle
IR cut-off filter	700nm/NIR optional

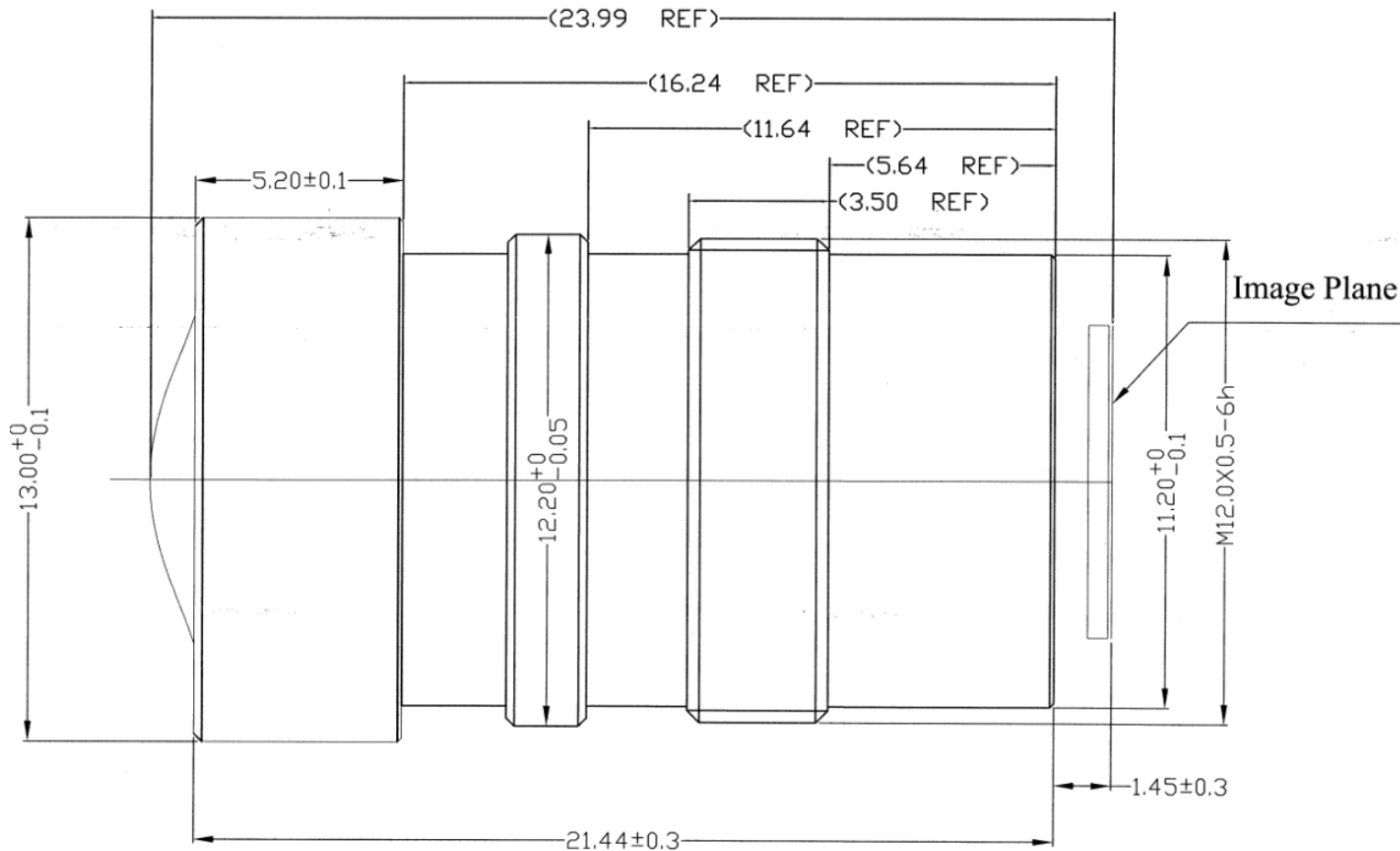
Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

DSL345E-700-F1.6 Mechanical Dimensions [mm]:



DSL345X-NIR-F1.6 Mechanical Dimensions [mm]:



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