

Excellence in Digital Imaging Optics

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 makes this lens ideally suited for indoor or outdoor applications.

Key Features

- F/1.6
- All glass construction
- Environmental and thermal stability
- HDR-Optimized for low flare and ghost

Optical Specifications

Sunex PN DSL345	
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
Chief Ray Angle	18.3° @ 7.6mm image circle
IR cut-off filter	700nm/NIR optional

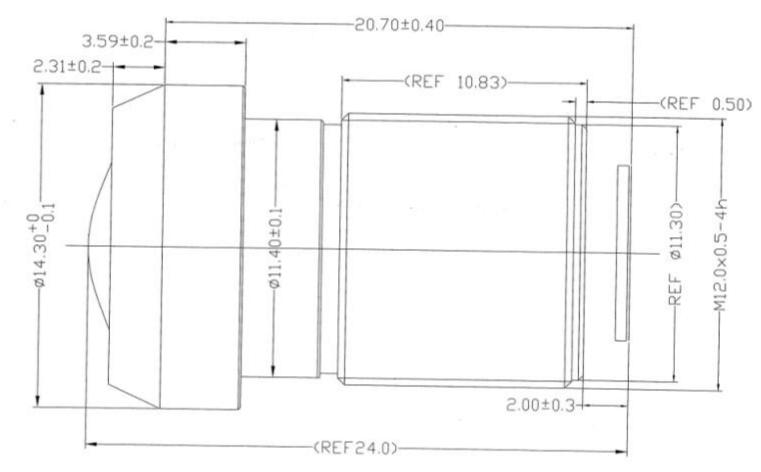
Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision



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





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

