

FOVEA Distortion Lens



Description

The DSL345 is a miniature lens designed for 1/1.9" imager formats. The athermalized design combined with a large depth of focus yields optimal performance with temperature. The DSL345 has superior HDR capability and low F/#, making it ideal for various light conditions.

Key Features

- Thermally Stable
- Fovea Distortion profile
- All-Glass

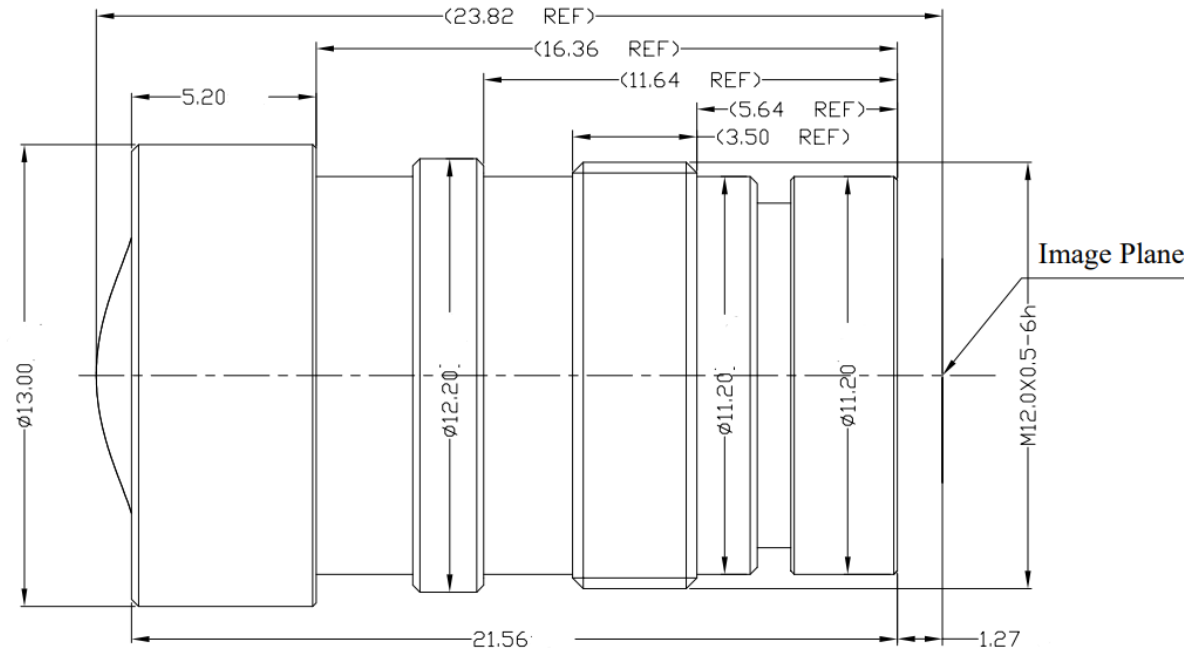
Optical Specifications

Sunex PN DSL345	
Description	All-Glass FOVEA Distortion Lens
Imager Format	1/1.9"
Nominal Imager Resolution	1.7MP
Focal Length	6.4mm
Relative Aperture (F/#)	1.6
Image Circle	7.8mm
Field of View	100°
Total Track Length	24mm
Distortion	50% F-tan theta
Chief Ray Angle	18.3° @7.8mm
IR cut-off filter	Optional 650nm IR cut

Applications

- Automotive
- Security/Surveillance

DSL345B-NIR-F1.6 Mechanical Dimensions [mm]:



Notes:

1. EFL=6.41
2. F#=1.60
3. Barrel Material: Anodized AL6061;
Cap Material: Anodized AL6061.