

### Low F/#, 4K, HDR lens



### Description

The DSL374 is a high performance lens designed for 1/1.8" image formats. The 4K resolution, low-ghost HDR design, and low f/# provide for bright, sharp images. Combined with the all-glass construction, this lens is ideally- suited for indoor or outdoor applications.

### Key Features

- F/1.6
- HDR-Optimized for low flare and ghost
- 4K resolution
- All glass construction for thermal and environmental stability
- Fovea distortion

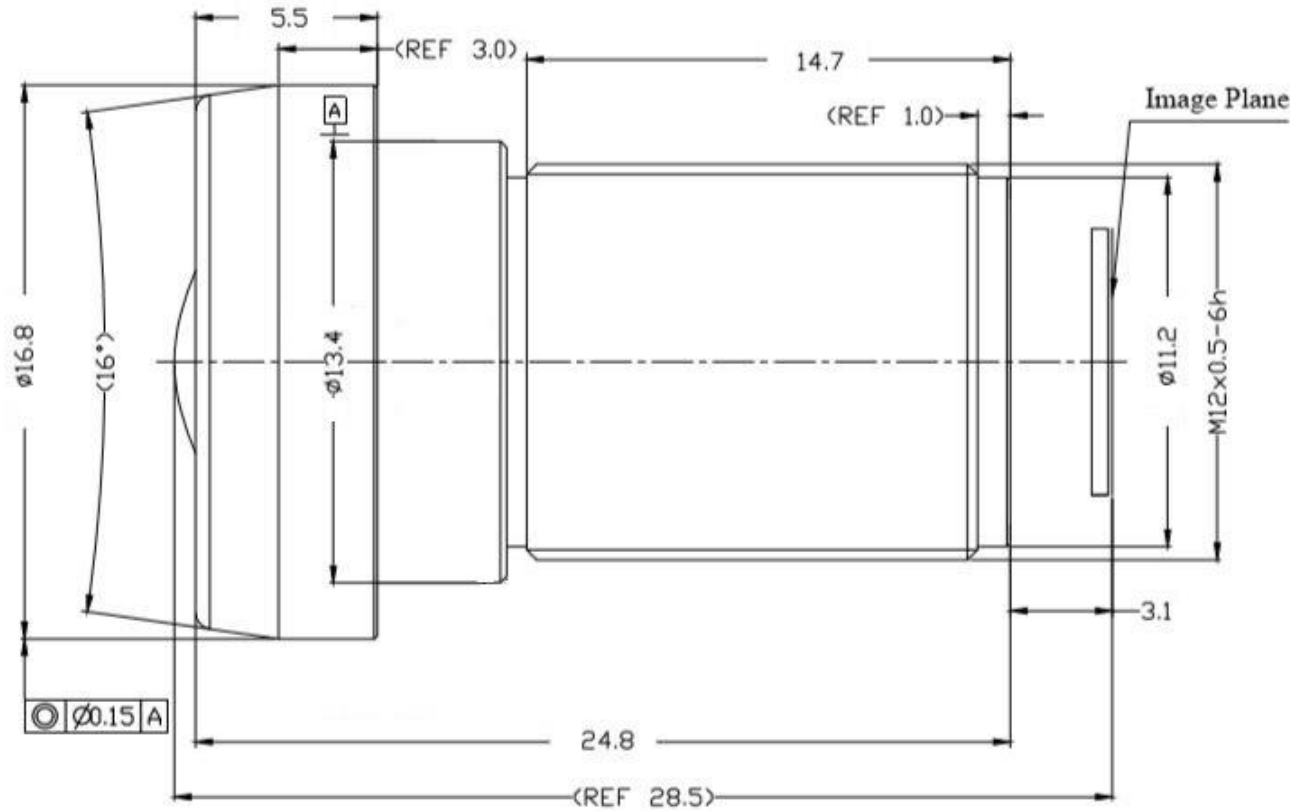
### Optical Specifications

Sunex PN DSL374	
Description	4K, HDR
Imager Format	1/1.8"
Nominal Imager Resolution	8MP
Focal Length	5.3mm
Relative Aperture (F/#)	1.6
Image Circle	8.1mm
Field of View	134° @8.1mm image circle
Total Track Length	28.5mm
Distortion	-67% f-tan theta
Chief Ray Angle	7.5° @8.1mm image circle
IR cut-off filter	Optional IR cut-off filter

### Applications

- Automotive
- Computer Vision and Robotics
- Machine Vision

DSL374B-700-F1.6 and DSL374B-NIR-F1.6 Mechanical Dimensions [mm]:



Notes:

1. EFL=5.30±0.2
2. F#=1.6±0.15
3. Barrel Material: AL6061  
Cap Material: AL6061