

### Miniature 4K HDR Lens



### Description

The DSL624 lens is a miniature 4K HDR lens designed for HDR or standard sensors up to 1/2" format size. The low F-number, thermal stability and Sunex LowGhost™ HDR characteristics make this lens ideal for security, wearable, drone and video-conferencing applications where high sharpness and environmental stability are required.

### Key Features

- HFOV ~ 15° on 1/2" format sensors
- Sunex LowGhost™ HDR
- Excellent low light performance: F/2.0 aperture
- Compact Board-Mount size

### Optical Specifications

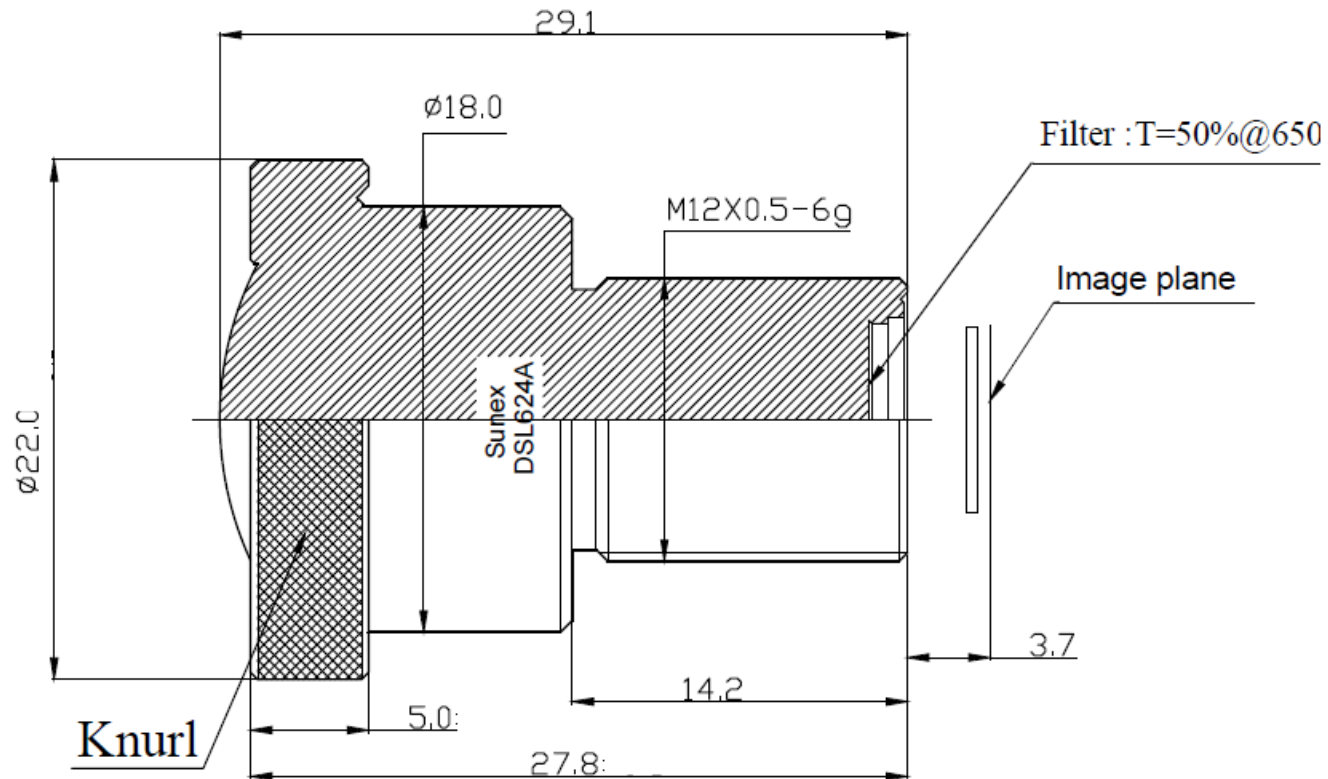
Sunex PN DSL624	
Description	4K HDR Lens
Imager Format	Up to 1/2"
Nominal Imager Resolution	8MP
Focal length	24.0mm
Relative Aperture (F/#)	2.0
Design Image Circle	8.0mm
Field of View	15° at 6.2mm image circle 19° at 8.0mm image circle
Total Track Length	33.3mm
Distortion	<0.1% rectilinear at 8.0mm image circle
Chief Ray Angle	14° at 8.0mm image circle, linear
IR cut-off filter	IR cutoff at 650nm optional

### Applications

- Security and Surveillance cameras
- Wearable and Drone cameras
- Video Conferencing

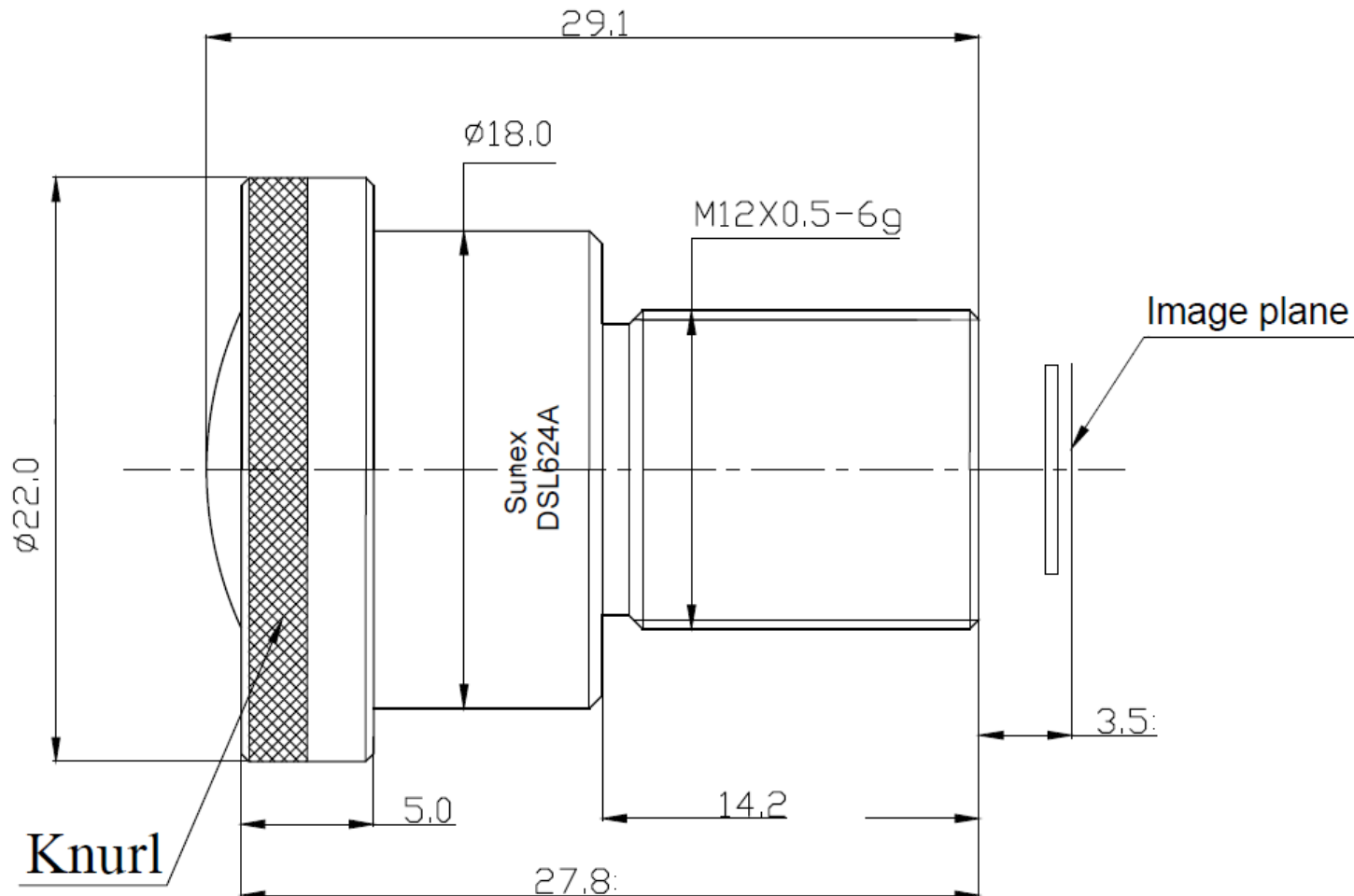
### DSL624A-650-F2.0 Mechanical Dimensions [mm]:

Note: DSL624A is intended for use with Sunex CMT103, CMT107 or CMT822 mounts



## DSL624A-NIR-F2.0 Mechanical Dimensions [mm]:

Note: DSL624A is intended for use with Sunex CMT103, CMT107 or CMT822 mounts



SUBJECT TO CHANGE WITHOUT NOTICE

**Sunex, Inc.**  
Telephone: +1 760 597 2966  
[www.sunex.com](http://www.sunex.com)