

Wide 4k HDR Lens, Large Format



Description

The DSL427 is a high-performance lens designed for 1" large format sensors. No-ghost HDR provides for excellent image quality. The all-glass, all-metal construction makes it thermally and environmentally stable and ideally-suited for indoor and outdoor applications in harsh environments.

Key Features

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

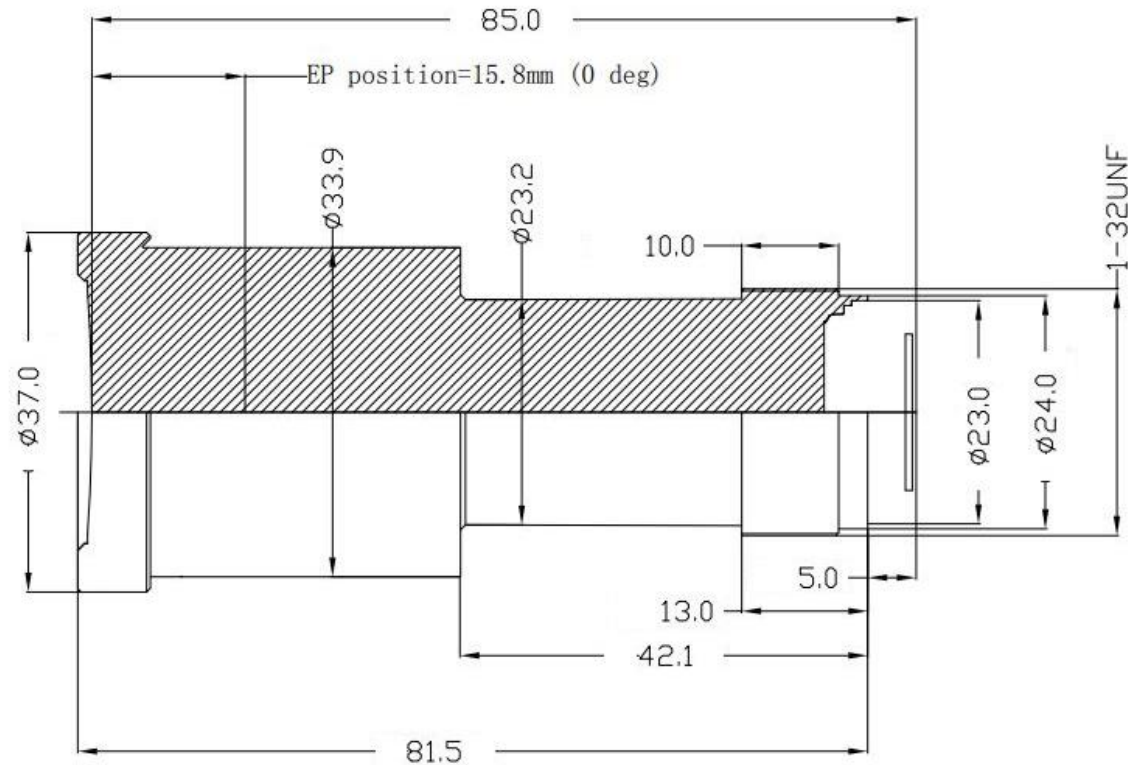
Optical Specifications

| Sunex PN DSL427 | |
|---------------------------|------------------------------------|
| Description | 4k, HDR, all glass |
| Imager Format | 1" |
| Nominal Imager Resolution | 8MP |
| Focal Length | 18.57mm |
| Relative Aperture (F/#) | 1.8 |
| Image Circle | 16.2mm |
| Field of View | 52° @16.21mm image circle |
| Total Track Length | 83.4mm w/ filter, 85.0mm no filter |
| Distortion | -10.5% f-tan theta |
| Chief Ray Angle | 7.1° @16.2mm image circle |
| IR cut-off filter | Optional IR cut filter |

Applications

- Automotive
- Security
- Computer vision
- Industrial

DSL427E-670-F1.8 and DSL427E-NIR-F1.8 Mechanical Dimensions [mm]:



Notes:

- 1.EFL=18.57
- 2.F#=1.80
- 3.Barrel Material: Anodized AL6061
Cap Material: Anodized AL6061
- 4.IR cut coating
T=50%@670±20nm