Sunex Excellence in Digital Imaging Optics

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.

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

Key Features

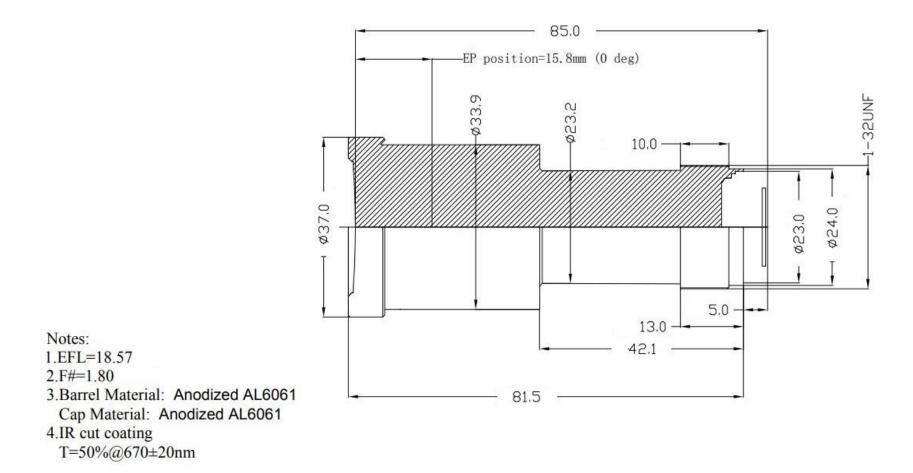
- All glass construction
- Environmental and thermal stability
- HDR-Optimized for low flare and ghost



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

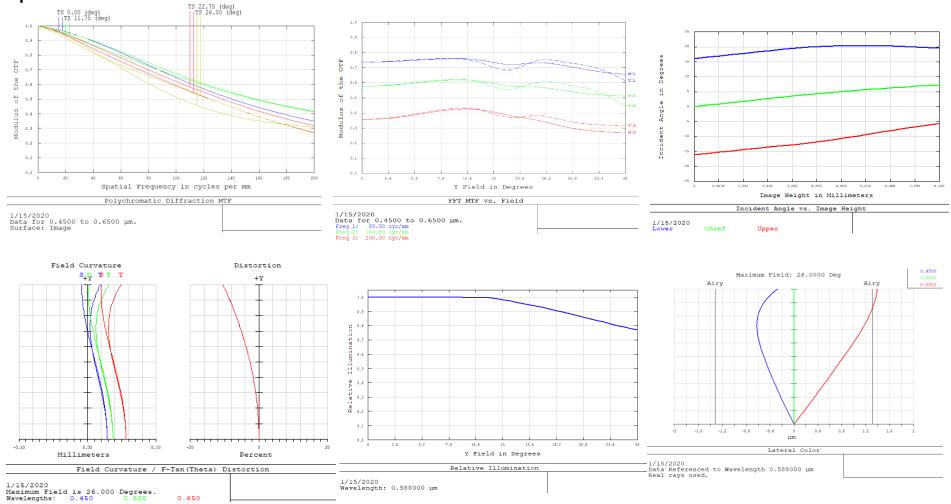


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Optical Performance:



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