

### Wide-angle, Tailored Distortion™, Day/Night Lens



### Description

The DSL392 is a fully-featured miniature, wide-angle lens designed for 1/2.7" imagers. The Day/Night optimization and low F/# make this lens ideal for applications using both VIS and NIR light as well as low-light conditions.

### Key Features

- Day/Night Optimized
- F/2 for excellent low-light performance
- Tailored distortion™
- All-glass construction
- HDR optimized

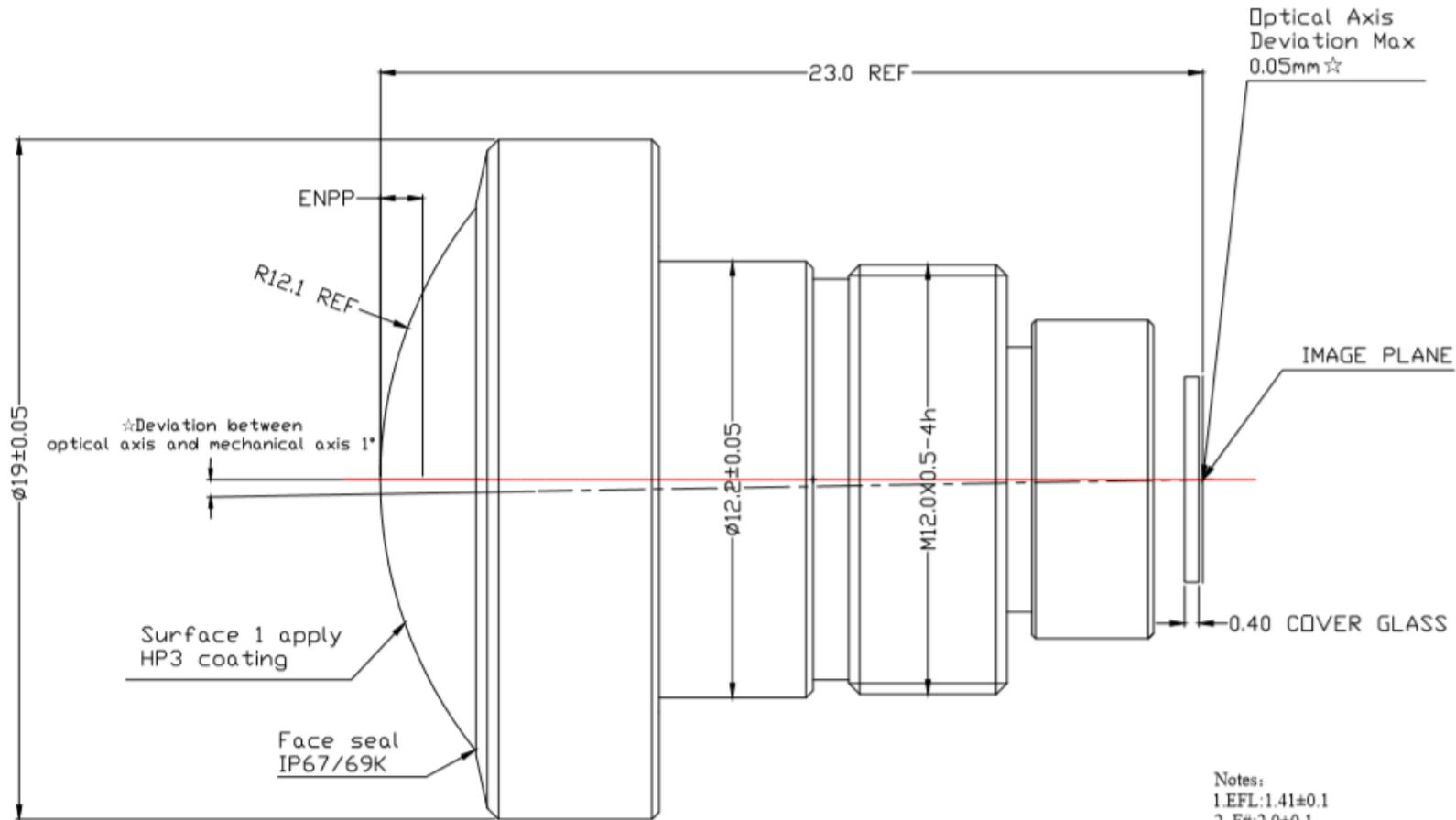
### Optical Specifications

Sunex PN DSL392	
Description	HDR, Day/Night lens
Imager Format	1/2.7"
Nominal Imager Resolution	2MP
Focal Length	1.4mm
Relative Aperture (F/#)	2
Image Circle	5.8mm
Field of View	201° @5.8mm image circle
Total Track Length	23mm
Distortion	16% f-θ
Chief Ray Angle	10.8° @5.8mm image circle
IR cut-off filter	Optional IR cut-off filter

### Applications

- Automotive
- Security/ Surveillance
- Robotics/ Machine Vision

### DSL392B-650-F2.0 Mechanical Dimensions [mm]:



- Notes:  
1. EFL:  $1.41 \pm 0.1$   
2. F#:  $2.0 \pm 0.1$   
3. Barrel material: Black anodized AL6061,  
Cap material: Black anodized AL6061.

### DSL392B-NIR-F2.0 Mechanical Dimensions [mm]:

