

HD Compact Projector Lens



Description

The DSL030 is a compact all-glass, high-resolution, wide-angle projection lens designed for HD μ LED sources. The high efficiency, straylight optimization, low chromatic aberration, thermal stability, and compact form factor make this lens ideal for automotive lighting applications, including glare-free High-beam (ADB) and ground projection.

Key Features

- Low straylight above low-beam cut-off lines
- All-glass design for thermal stability
- High efficiency with F/0.66 aperture
- Compact Form Factor

Optical Specifications

Sunex PN DSL030	
Description	HD Compact Projection Lens
Source Dimension	H12.8mm, V3.2mm (max)
Nominal Source Resolution	Up to 26K
Focal Length	14mm
Relative Aperture (F/#)	0.66
Image Circle	13.2mm
Field of View	49° HFOV at 12.8mm 37° HFOV at 8.96mm
Total Track Length	31.1mm
Geometry & Barrel features	AL, C-Mount thread, mounting flange
IR cut-off filter	no IR cut-off

Applications

- Automotive Lighting
- Projection

DSL030A-NIR-F0.66 Mechanical Dimensions [mm]:

