

0.62 NA, 3.10mm FL, RPO VIS Molded Glass Aspheric Lens



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General

Aspheric Lens **Type:**

Physical & Mechanical Properties

6.33 ±0.015 **Diameter (mm):**

5.40 **Clear Aperture CA (mm):**

3.19 **Center Thickness CT (mm):**

Bevel:

Protective as needed

Optical Properties

3.10 **Effective Focal Length EFL (mm):**

0.62 **Numerical Aperture NA:**

H-ZL.aF52 **Substrate:**

633 **Aspheric Design Wavelength (nm):**

BBAR (400 - 600nm) **Coating:**

$R_{avg} < 1\%$ @ 400 - 600nm **Coating Specification:**

60-40 **Surface Quality:**

0.49 **f#:**

400 - 600 **Wavelength Range (nm):**

1.76 **Working Distance (mm):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Precision Visible Glass Molded Lenses
- Ideal for High Volume Production Requirements
- Multiple Glass Substrates Available

Rochester Precision Optics (RPO) Visible Molded Glass Aspheric Lenses offer several key benefits, including high precision, >99% transmission, and improved performance by reducing optical aberrations, leading to smaller spot sizes and sharper images. Cost-effective molding processes enable options for high-quantity OEM integration while maintaining consistent specifications. Rochester Precision Optics (RPO) Visible Molded Glass Aspheric Lenses are available with various focal lengths and numerical apertures and are AR coated for >99% transmission from 400 - 600nm. Their lightweight form factor, small diameter, and reduced thickness allow these molded aspheric lenses to be integrated into cameras, aerospace systems, measurement systems, biomedical instrumentation, and handheld optical tools.