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## 0.55 NA, 5.30mm FL, RPO VIS Molded Glass Aspheric Lens



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S\$190<sup>40</sup>

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**General**

Aspheric Lens **Type:**

**Physical & Mechanical Properties**

7.33 +0/-0.020 **Diameter (mm):**

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

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

**Bevel:**

Protective as needed

## Optical Properties

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

0.55 **Numerical Aperture NA:**

H-ZL.aF52 **Substrate:**

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

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

R<sub>avg</sub> <1% @ 400 - 600nm **Coating Specification:**

60-40 **Surface Quality:**

0.72 **f#:**

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

3.59 **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.