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

Stock **#73-658** **7 In Stock**

- 1 + **€136**.00

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Qty 1+	**€136,00** each
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General

Type:
Aspheric Lens

Physical & Mechanical Properties

Diameter (mm):
7.33 +0/-0.020

Clear Aperture CA (mm):
5.83

Center Thickness CT (mm):
2.93

Bevel:

Protective as needed

Optical Properties

Effective Focal Length EFL (mm):

5.30

Numerical Aperture NA:

0.55

Substrate:

H-ZLaF52

Aspheric Design Wavelength (nm):

633

Coating:

BBAR (400 - 600nm)

Coating Specification:

R_{avg} <1% @ 400 - 600nm

Surface Quality:

60-40

f/#:

0.72

Wavelength Range (nm):

400 - 600

Working Distance (mm):

3.59

Regulatory Compliance

Certificate of Conformance:

View

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.

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