

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



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1

+

£108^{.80}

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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):

Protective as needed	Bevel:
Optical Properties	
5.30	Effective Focal Length EFL (mm):
0.55	Numerical Aperture NA:
H-ZLaF52	Substrate: ☐
633	Aspheric Design Wavelength (nm):
BBAR (400 - 600nm)	Coating:
R _{avg} <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.