

40mm Diameter x 28.5mm FL, MgF₂ Coated, Aspheric Condenser Lens



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1

+

₹6,072

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Qty 1-10	₹6,072 each
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General

Condenser Lens

Type:

Physical & Mechanical Properties

40.00 +0.2/-0.2

Diameter (mm):

≤25

Centering (arcmin):

Clear Aperture CA (mm):

34	
	Edge Thickness ET (mm):
2.0	
	Center Thickness CT (mm):
15.00 ±0.25	
	Bevel:
Protective as needed	
	Diameter of Asphere (mm):
36.0	
	Shape of Back Surface:
Plano	

Optical Properties	
	Effective Focal Length EFL (mm):
28.50	
	Numerical Aperture NA:
0.63	
	Back Focal Length BFL (mm):
18.7	
B270	Substrate: □
	Focal Length Tolerance (%):
±7	
	Coating:
MgF ₂ (400-700nm)	
	Coating Specification:
R _{avg} ≤ 1.75% @400 - 700nm	
	Surface Quality:
80-50 (typical)	
	f/#:
0.8	
	Radius R ₂ (mm):
Plano	
	Wavelength Range (nm):
400 - 700	
	Conjugate Distance:
Infinite	

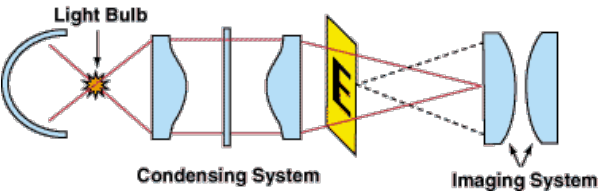
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Product Details

- Molded Illumination Lenses
- Aspheric or Spherical Designs
- High Numerical Apertures

Condenser Lenses are molded lenses designed for illumination applications. Featuring large apertures and short focal lengths, Condenser Lenses are commonly used in emitter-detector applications, projection applications, or condensing illumination applications such as Koehler Illumination. The Aspheric Condenser Lenses are molded on the aspheric surface and ground and polished on the opposite face, offering superior performance. The Plano-Convex (PCX) Condenser Lenses are molded on both surfaces, offering excellent value.

Technical Information





Coating Curves

Compatible Mounts