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34.9mm Dia. x 21.6mm FL, MgF₂ Coated, Aspheric Condenser Lens



Stock **#21-201** **3 In Stock**

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-

1

+

₹4,749

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Volume Pricing	
Qty 1-10	₹4,749 each
Qty 11-25	₹4,282 each
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General

Type:

Condenser Lens

Physical & Mechanical Properties

Diameter (mm):

34.90 +0.0/-0.2

Centering (arcmin):

≤30

Clear Aperture CA (mm):

31.41	
	Edge Thickness ET (mm):
2.91	
	Center Thickness CT (mm):
19.00 ±0.30	
	Bevel:
Protective as needed	
	Diameter of Asphere (mm):
34.9	
	Shape of Back Surface:
Convex	

Optical Properties	
	Effective Focal Length EFL (mm):
21.60	
	Numerical Aperture NA:
0.81	
	Back Focal Length BFL (mm):
11	
	Substrate: □
H-K51	
	Focal Length Tolerance (%):
±5	
	Coating:
MgF ₂ (400-700nm)	
	Coating Specification:
R _{avg} ≤ 1.75% @400 - 700nm	
	Surface Quality:
80-50 (typical)	
	f/#:
0.62	
	Radius R ₂ (mm):
71.12	
	Wavelength Range (nm):
400 - 700	
	Conjugate Distance:
Infinite	

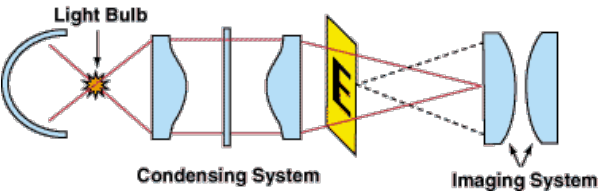
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Product Details

- 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
