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12.9mm Dia. x 14mm FL, MgF₂ Coated, Aspheric Condenser Lens



Stock #21-196 [CONTACT US](#)

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₹3,503

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Volume Pricing	
Qty 1-10	₹3,503 each
Qty 11-25	₹3,192 each
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General

Condenser Lens **Type:**

Physical & Mechanical Properties

12.90 +0.0/-0.2 **Diameter (mm):**

≤30 **Centering (arcmin):**

Clear Aperture CA (mm):

11.61	Edge Thickness ET (mm):
2.52	
	Center Thickness CT (mm):
5.70 ±0.30	
	Bevel:
Protective as needed	
	Diameter of Asphere (mm):
12.9	
	Shape of Back Surface:
Plano	

Optical Properties

14.00	Effective Focal Length EFL (mm):
0.46	Numerical Aperture NA:
10.2	Back Focal Length BFL (mm):
H-K9L	Substrate: <input type="checkbox"/>
±5	Focal Length Tolerance (%):
MgF ₂ (400-700nm)	Coating:
R _{avg} ≤ 1.75% @ 400 - 700nm	Coating Specification:
80-50 (typical)	Surface Quality:
1.09	f#:
∞	Radius R₂ (mm):
400 - 700	Wavelength Range (nm):
Infinite	Conjugate Distance:

Regulatory Compliance

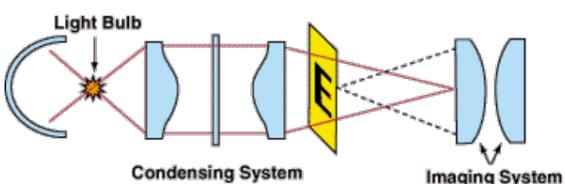
Compliant	RoHS 2015:
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Edmund Optics India Private Limited	Imported By:

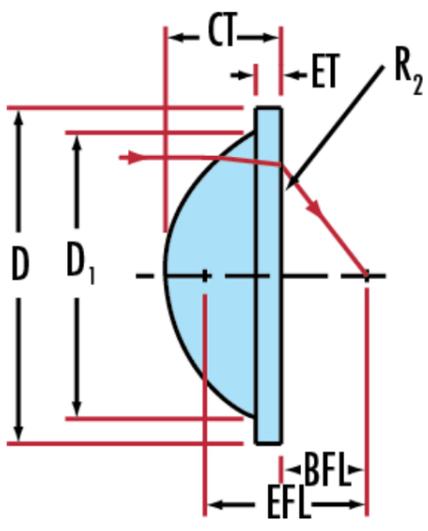
Product Details

- 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

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