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10mm Dia. x 4.5mm FL, Aspheric Condenser Lens, VIS-EXT



Stock **#72-492** **3 In Stock**

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⊖ 1 ⊕ ₹3,893

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Volume Pricing	
Qty 1-10	₹3,893 each
Qty 11+	₹3,503 each
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General

Condenser Lens **Type:**

Physical & Mechanical Properties

10.00 +0.0/-0.2 **Diameter (mm):**

≤30 **Centering (arcmin):**

Clear Aperture CA (mm):

9.00	Edge Thickness ET (mm):
1.87	
	Center Thickness CT (mm):
6.00 ±0.30	
	Bevel:
Protective as needed	
	Diameter of Asphere (mm):
10.00	
	Shape of Back Surface:
Aspheric	

Optical Properties

4.50	Effective Focal Length EFL (mm):
0.74	Numerical Aperture NA:
1.65	Back Focal Length BFL (mm):
	Substrate: <input type="checkbox"/>
H-K51	
	Focal Length Tolerance (%):
±8	
	Coating:
VIS-EXT (350-700nm)	
	Coating Specification:
R _{avg} <0.5% @ 350 - 700nm	
	Surface Quality:
80-50 (typical)	
	f#:
0.45	
	Radius R₂ (mm):
-3.239	
	Wavelength Range (nm):
350 - 700	
	Conjugate Distance:
Infinite	

Regulatory Compliance

View	Certificate of Conformance:
China	Country of Origin:
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



