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50mm Diameter x 35.7mm FL, Aspheric Condenser Lens



Stock **#46-661** **20+ In Stock**

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₹5,138

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Volume Pricing	
Qty 1-10	₹5,138 each
Qty 11-49	₹4,515 each
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General

Condenser Lens **Type:**

Physical & Mechanical Properties

50.00 +0.0/-0.3 **Diameter (mm):**

≤25 **Centering (arcmin):**

Clear Aperture CA (mm):

45	Edge Thickness ET (mm):
2.0	
	Center Thickness CT (mm):
16.70 ±0.25	
	Bevel:
Protective as needed	
	Diameter of Asphere (mm):
47.0	
	Shape of Back Surface:
Plano	

Optical Properties

	Effective Focal Length EFL (mm):
35.70	
	Numerical Aperture NA:
0.64	
	Back Focal Length BFL (mm):
24.7	
	Substrate: <input type="checkbox"/>
B270	
	Focal Length Tolerance (%):
±7	
	Coating:
Uncoated	
	Surface Quality:
80-50 (typical)	
	f#:
0.8	
	Radius R₂ (mm):
Plano	
	Wavelength Range (nm):
350 - 2500	
	Conjugate Distance:
Infinite	

Regulatory Compliance

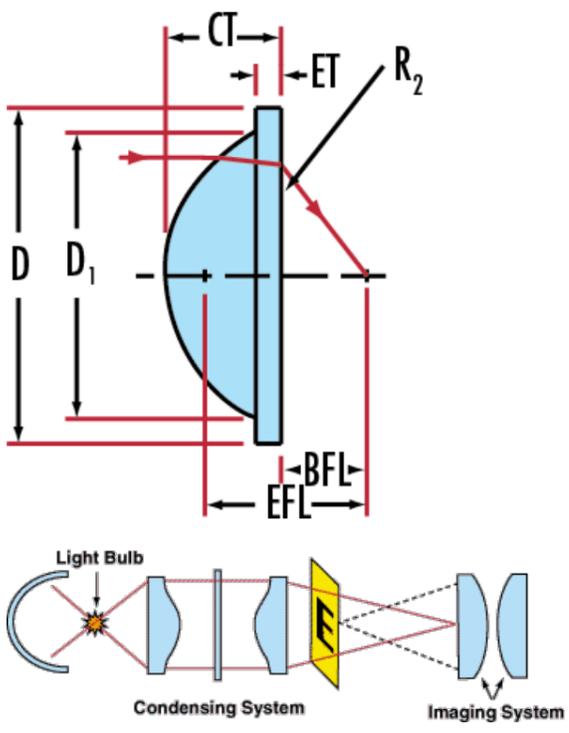
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Product Details

- 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



Compatible Mounts
