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32.5mm Dia. x 2



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Options

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€54^{,50}

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Volume Pricing	
Qty 1-10	€54,50 each
Qty 11-49	€49,00 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- Code V:seq
- EO Spec Sheet
- [Download All](#)

General

Type: Condenser Lens

Physical & Mechanical Properties

Diameter (mm):	32.50 +0.0/-0.2	Centering (arcmin):	≤30
Clear Aperture CA (mm):	29.25	Edge Thickness ET (mm):	1.85
Center Thickness CT (mm):	13.50 ±0.30	Bevel:	Protective as needed
Diameter of Asphere (mm):	32.5	Shape of Back Surface:	Convex

Optical Properties

Effective Focal Length EFL (mm):	23.50	Numerical Aperture NA:	0.69
Back Focal Length BFL (mm):	15	Substrate: ⓘ	H-K51
Focal Length Tolerance (%):	±5	Coating:	Uncoated
Surface Quality:	80-50 (typical)	f/#:	0.72
Radius R ₂ (mm):	165	Wavelength Range (nm):	350 - 2000
Conjugate Distance:	Infinite		

Regulatory Compliance

Certificate of Conformance: [View](#)

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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

Related Products



Bar-Type Holders



C, S, and T-Mount Circular Optic Mounts



Prematex® Cleaning/Wiping Cloths



Uncoated Plano-Convex (PCX) Lenses

Frequently Purchased Together



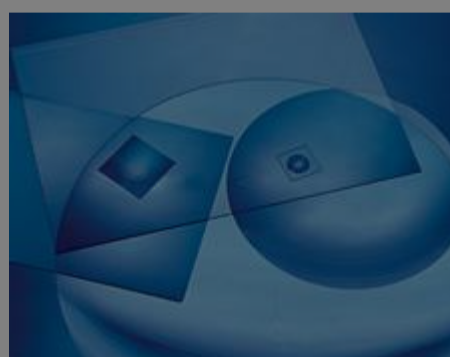
#27-505 - 125mm Dia x 250mm Focal Length, PCX Condenser Lens
€139,00

Qty



#32-593 - 6.7" x 6.7", 3" Focal Length, Fresnel Lens
€122,00

Qty



#32-683 - 5.0" x 5.0", 2.8" Focal Length, Fresnel Lens
€76,00

Qty



#32-873 - 25mm Dia. x 125mm FL Uncoated, Double-Convex Lens
€35,75

Qty



Resources

Media Type

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

CASE STUDIES

Laser Optics for Eye Surgery

- Application Note
- Scientific Paper
- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary

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