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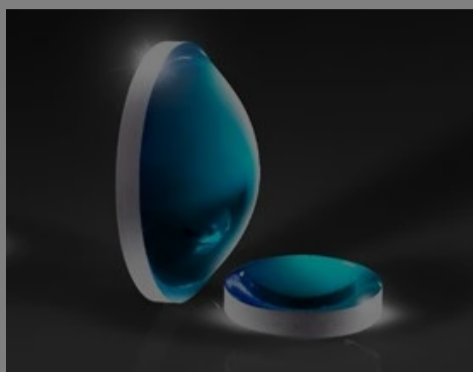
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30mm Dia. x 26mm Thick Aspheric Condenser Lens

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Molded Aspheric Condenser Lenses

Stock #15-177 **20+ In Stock** [Other Coating Options](#)

1

€51^{,00}

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Volume Pricing	
Qty 1-10	€51,00 each
Qty 11-49	€45,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- Zemax:zar
- eDrawing:eprt
- Code V:seq
- EO Spec Sheet
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General

Type: Condenser Lens

Note: [Click here](#) for more information on the ISO 10110 surface quality specification.

Physical & Mechanical Properties

Diameter (mm):	30.00 +/-0.3	Centering (arcmin):	≤25
Clear Aperture CA (mm):	28.00	Edge Thickness ET (mm):	1.9
Center Thickness CT (mm):	10.00 ±0.20	Bevel:	Protective as needed
Diameter of Asphere (mm):	30.0	Shape of Back Surface:	Plano

Optical Properties

Effective Focal Length EFL (mm):	26.90 @ 587.6nm	Numerical Aperture NA:	0.56
Back Focal Length BFL (mm):	20.70	Substrate: Liba2000+	
Focal Length Tolerance (%):	±5	Coating:	Uncoated
Surface Quality:	Molded Side: 5/5 x 0.63; E 0.4	f/#:	0.90

	Polished Side: 5/5 x 0.25; E 0.4		
Abbe Number (v_d):	58.85	Index of	1.520
Radius R₂ (mm):	Plano	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.</p> <p>Select Your Country/Region:</p> </div>	
Conjugate Distance:	Infinite		
		Specification Wavelength (nm):	

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	9.4
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Regulatory Compliance

RoHS 2015: Compliant	Certificate of Conformance: View
Reach 242: Compliant	

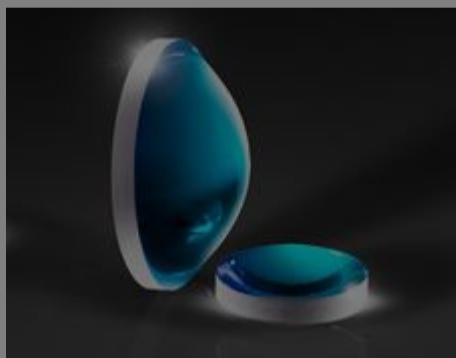
Product Details

- Hardened for Improved Durability
- High Numerical Apertures
- Ideal for Illumination Applications

Molded Aspheric Condenser Lenses are pressed, hardened, and annealed to meet precise optical and mechanical specifications. The hardening process improves the durability of the lenses, making them less susceptible to thermal shock and scratching than traditionally polished lenses. These Molded Aspheric Condenser Lenses are ground and polished on the second surface, enhancing the overall precision of the lenses. Molded Aspheric Condenser lenses are ideal for a wide range of illumination and detection applications, including biotech instruments such as DNA sequencers and polymerase chain reaction (PCR) testing platforms.

Technical Information

Frequently Purchased Together



#34-460 - 18mm Dia. x 8.4mm FL, Uncoated Molded Aspheric Condenser Lens
€35,50



#32-477 - 25.0mm Dia. x 50.0mm FL Uncoated, Plano-Convex Lens
€32,75







#32-908 - 40mm Dia. x 100mm FL Uncoated, DCX N-K5 Lens
€19,95



#32-910 - 40mm Dia. x 200mm FL Uncoated, DCX N-K5 Lens
€19,95

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	30.0mm Optic Dia Optic Mo				€32,75	11 In Stock <input type="text" value="1"/> 
MORE+ 	30.0mm Optic Dia Optic Mo					CONTACT US <input type="text" value="1"/> 

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Media Type

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- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

CASE STUDIES

Laser Optics for Eye Surgery

APPLICATION NOTE

Lens Geometry Performance Comparison

APPLICATION NOTE

All About Aspheric Lenses

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