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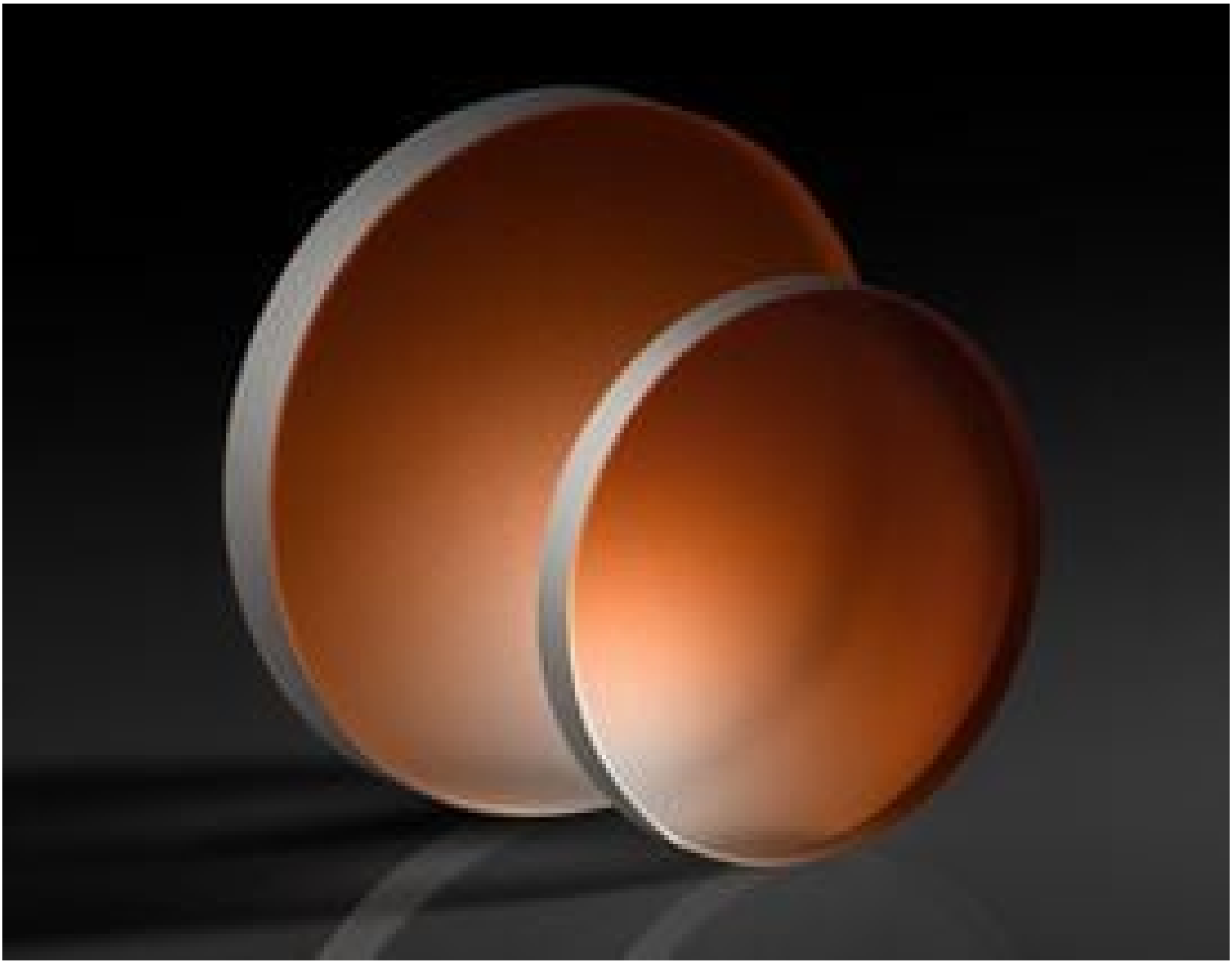
5mm Dia., 1mm Thick, Calcium Fluoride (CaF_2) Diffuser



IR Calcium Fluoride (CaF2) Diffusers

Stock **#19-730** CLEARANCE **5 In Stock**

- 1 +

MRP ₹15,437

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-10	**₹15,437** each
Qty 11-25	**₹13,823** each
Qty 26-49	**₹13,116** each
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Product Downloads

General

Type:

IR Diffuser

Note:

Fine Grind first surface with a roughness (Ra) of
0.75 microns

Physical & Mechanical Properties

Diameter (mm):

5.00 +0.00/-0.10

Edges:

Fine Ground

Thickness (mm):

1.00 ±0.10

Optical Properties

Coating:

Uncoated

Substrate:

Calcium Fluoride (CaF_2)

Wavelength Range (nm):

300 - 7000

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 240:

Compliant

Country of Origin:

Lithuania

Imported By:

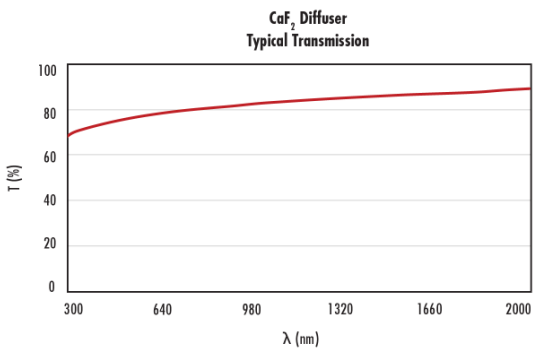
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Evenly Ground First Surface for Even Diffusion
- Low Index of Refraction Maximizes Throughput
- Broad Transmission Range

IR Diffusers feature an evenly fine ground first surface to produce even diffusion in the visible (VIS) and infrared (IR) spectra. Available in both ZnSe and CaF2 options with transmission ranges of 600nm-12000nm and 300nm-7000nm respectively, these diffusers can be used with a variety of coherent and incoherent light sources. The low index of refraction of calcium fluoride maximizes the throughput of these diffusers without use of an antireflection (AR) coating. IR Diffusers are ideal for use in laser calibration systems and general diffusion of VIS - IR light sources.

Technical Information



Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our **Optics Cleaning Resources** for step-by-step guides and best practices. For personalized assistance, **Email us** or **Chat** with our technical support team.

Component Handling Tools

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