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38.1mm Dia. x -63.5mm FL, Uncoated, ISP Optics Calcium Fluoride (CaF₂) PCV Lens | CF-PC-38-63

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Stock #24-785 CLEARANCE **2 In Stock**

MRP ₹34,706

! Price inclusive of all taxes

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| Qty 1-9 | ₹34,706 each |
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General

Plano-Concave Lens **Type:**

CF-PC-38-63 **Model Number:**

Physical & Mechanical Properties

38.10 +0.00/-0.13 **Diameter (mm):**

Protective as needed **Bevel:**

2.50 ±0.20 **Center Thickness CT (mm):**

<3 **Centering (arcmin):**

34.29 **Clear Aperture CA (mm):**

11.00 **Edge Thickness ET (mm):**

Optical Properties

-63.50 @ 5µm **Effective Focal Length EFL (mm):**

Calcium Fluoride (CaF₂) **Substrate:**

1.67 **f#:**

0.30 **Numerical Aperture NA:**

Uncoated **Coating:**

300 - 8000 **Wavelength Range (nm):**

±2 **Focal Length Tolerance (%):**

-25.59 **Radius R₁ (mm):**

60-40 **Surface Quality:**

λ **Irregularity (P-V) @ 632.8nm:**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

Compliant **Reach 240:**

Latvia **Country of Origin:**

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 **Imported By:**

Product Details

- Low Index of Refraction
- IR Grade Calcium Fluoride Substrates
- Standard Imperial Sizes for Easy Benchtop Integration

ISP Optics Calcium Fluoride (CaF₂) Plano-Concave (PCV) Lenses feature IR grade calcium fluoride substrates, providing high transmission in the visible and infrared spectra. Calcium fluoride has a low index of refraction, enabling these lenses to be used without additional Anti-Reflection (AR) coatings. The PCV design diverges incident collimated beams, making them ideal for light projection and beam expansion applications. ISP Optics Calcium Fluoride (CaF₂) Plano-Concave (PCV) Lenses are available in standard imperial sizes with focal lengths ranging from -25.4 to -500mm.

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

