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# 25.4mm Dia. x -63.5mm FL, Uncoated, ISP Optics Calcium Fluoride (CaF<sub>2</sub>) PCV Lens | CF-PC-25-63

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Stock #24-782 CLEARANCE **1 In Stock**

1  €169.<sup>00</sup>

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Volume Pricing	
Qty 1-9	€169,00 each
Qty 10+	€152,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

## Product Downloads

### General

Plano-Concave Lens **Type:**

CF-PC-25-63 **Model Number:**

### Physical & Mechanical Properties

25.40 +0.00/-0.13	<b>Diameter (mm):</b>
Protective as needed	<b>Bevel:</b>
2.00 ±0.20	<b>Center Thickness CT (mm):</b>
<3	<b>Centering (arcmin):</b>
22.86	<b>Clear Aperture CA (mm):</b>
5.40	<b>Edge Thickness ET (mm):</b>

## Optical Properties

-63.50 @ 5μm	<b>Effective Focal Length EFL (mm):</b>
Calcium Fluoride (CaF <sub>2</sub> )	<b>Substrate:</b> <input type="checkbox"/>
2.50	<b>f#:</b>
0.20	<b>Numerical Aperture NA:</b>
Uncoated	<b>Coating:</b>
300 - 8000	<b>Wavelength Range (nm):</b>
±2	<b>Focal Length Tolerance (%):</b>
-25.59	<b>Radius R<sub>1</sub> (mm):</b>
60-40	<b>Surface Quality:</b>
λ	<b>Irregularity (P-V) @ 632.8nm:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 240:</b>

## Product Details

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

ISP Optics Calcium Fluoride (CaF<sub>2</sub>) 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 (CaF<sub>2</sub>) 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