

CALCIUM FLUORIDE PLANO-CONVEX LENS

38.1mm Ø X 75mm F.L. @ 3µm

MATERIAL: IR Grade CaF₂

Diameter: 38.1mm (±0.1mm)
Centre Thickness: 9.0mm (±0.1mm)
Radius of Curvature 1: 33.84 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 3.1mm (derived)

| Effective F.L. | Back F.L. | Wavelength |
|----------------|-----------|------------|
| 78mm | 72mm | 0.633µm |
| 79mm | 73mm | 1.064µm |
| 81mm | 75mm | 3.0µm |
| 85mm | 78mm | 5.0µm |

Paraxial FL Tolerances ±2% to nearest mm
EFL from thin lens formula. BFL is referenced from the lens surface.

Crystran Stock

| Modifications | | |
|---------------|-------|--------------------------------|
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| Issue B | 08/17 | ET marked as derived. FL table |
| Issue A | 11/06 | KJM |

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| <p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 38.1LENS75</p> |
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