

CALCIUM FLUORIDE BI-CONVEX LENS

30mm Ø X 70mm F.L. @ 5µm

MATERIAL: IR Grade CaF₂

Diameter: 30.0mm (±0.1mm)
Centre Thickness: 6.0mm (±0.1mm)
Radius of Curvature 1: 57.0 (±2%)
Radius of Curvature 2: 57.0 (±2%)
S/D: 60/40
Edge thickness: 2.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
67mm	65mm	0.633µm
67mm	65mm	1.064µm
69mm	67mm	3.0µm
72mm	70mm	5.0µm

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

Crystran Stock

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

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 30LENS70</p>
