

CALCIUM FLUORIDE BI-CONVEX LENS

16mm Ø X 90mm F.L. @ 3µm

MATERIAL: IR Grade CaF₂

Diameter: 16.0mm (±0.1mm)

Centre Thickness: 3.0mm (±0.1mm)

Radius of Curvature 1: 73.90 (±2%)

Radius of Curvature 2: 73.90 (±2%)

S/D: 60/40

Edge thickness: 2.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
86mm	85mm	0.633µm
86mm	85mm	1.064µm
89mm	88mm	3.0µm
93mm	92mm	5.0µm

Paraxial FL Tolerances ±5% to nearest mm
EFL from thin lens formula. BFL is referenced from the lens surface.

Crystran Stock

Modifications		
Issue B	06/16	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 # 16LENS90</p>
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