

CALCIUM FLUORIDE PLANO-CONVEX LENS

40mm Ø X 440mm F.L. @ 3µm

MATERIAL: IR Grade CaF₂

Diameter: 40.0mm (±0.1mm)
Centre Thickness: 2.0mm (±0.1mm)
Radius of Curvature 1: 187.0 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 1.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
432mm	431mm	0.633µm
436mm	435mm	1.064µm
448mm	446mm	3.0µm
468mm	467mm	5.0µm

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

030.340

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 # 40LENS440</p>
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