

CALCIUM FLUORIDE PLANO-CONVEX LENS

25mm Ø X 130mm F.L. @ 3µm

MATERIAL: IR Grade CaF₂

Diameter: 25.0mm (±0.1mm)
Centre Thickness: 3.0mm (±0.1mm)
Radius of Curvature 1: 55.35 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 1.5mm (derived)

Effective F.L.	Back F.L.	Wavelength
128mm	126mm	0.633µm
129mm	126mm	1.064µm
133mm	130mm	3.0µm
139mm	136mm	5.0µm

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

800646

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 # 25LENS130</p>
