

CALCIUM FLUORIDE BI-CONVEX LENS

25mm Ø X 25.4mm F.L. @ 3µm

MATERIAL: IR Grade CaF₂

Diameter: 25.0mm (+0.0/-0.1mm)
Centre Thickness: 10mm (±0.1mm)
Radius of Curvature 1: 20.80 (±2%)
Radius of Curvature 2: 20.80 (±2%)
S/D: 60/40
Edge thickness: 1.6mm (derived)

Effective F.L.	Pr.Plane F.L.	Back F.L.	Wavelength
25.9mm		22.2mm	0.633µm
26.2mm		22.4mm	1.064µm
26.8mm	25.4mm	23.0mm	3.0µm
28.0mm		24.1mm	5.0µm

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

Crystran Stock

Modifications		
Issue D	06/16 KJM	CT tols. ET derived. FL table
Issue C	06/15 KST	ET changed
Issue B	05/14 KST	
Issue A	05/09 KJM	

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 25LENS25</p>
