

CALCIUM FLUORIDE BI-CONVEX LENS

12.7mm Ø X 12.7mm F.L. @ 0.633µm

MATERIAL: UV Grade CaF₂

Diameter: 12.7mm (+0.0/-0.127mm)

Centre Thickness: 6.0mm (±0.127mm)

Radius of Curvature 1: 12.0 (±2%)

Radius of Curvature 2: 12.0 (±2%)

S/D: 60/40

Edge thickness: 1.5mm (derived)

Effective F.L.	Back F.L.	Wavelength
14.3mm	12.1mm	0.3µm
15.0mm	12.7mm	0.633µm
15.5mm	13.2mm	3.0µm
16.2mm	13.9mm	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 C	01/17	ET marked as derived. FL table
Issue B	05/14 KST	
Issue A	11/07 KJM	

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 12.7LENS12U</p>
--