

# CALCIUM FLUORIDE BI-CONVEX LENS

12.7mm Ø X 12.7mm F.L. @ 0.633µm

MATERIAL: IR Grade CaF<sub>2</sub>

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
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.

*Unified design suitable for OEM & Crystran Stock*

Modifications		
Issue D	01/17	ET marked as derived. FL table
Issue C	05/14 KST	
Issue B	05/09 KJM	
Issue A	5/04 KJM	

<p><b>CRYSTRAN LTD</b> 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF<sub>2</sub> Lens</p> <p>DRG # 12.7LENS12</p>
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