

CALCIUM FLUORIDE PLANO-CONCAVE LENS

25mm Ø X -150mm F.L. @ 5µm

MATERIAL: IR Grade CaF₂

Diameter: 25.0mm (±0.1mm)
Centre Thickness: 2.1mm (±0.1mm)
Radius of Curvature 1: -59.85 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 3.3mm (derived)

Effective F.L.	Back F.L.	Wavelength
-138mm	-141mm	0.633µm
-139mm	-142mm	1.064µm
-143mm	-146mm	3.0µm
-150mm	-152mm	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 D	06/21	Error filename corrected
Issue C	08/17	ET marked as derived. FL table
Issue B	05/14	KST
Issue A	11/05	KJM

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 25LENS-150</p>
