

CALCIUM FLUORIDE PLANO-CONVEX LENS

38.1mm Ø X 75mm F.L. @ 3µm*

MATERIAL: UV Grade CaF₂

Diameter:	38.1mm (±0.1mm)
Centre Thickness:	9.0mm (±0.1mm)
Radius of Curvature 1:	33.84 (±2%)
Radius of Curvature 2:	Plano
S/D:	60/40
Edge thickness:	3.1mm (derived)

Effective F.L.	Back F.L.	Wavelength
72mm	66mm	0.248µm
78mm	72mm	0.633µm
79mm	73mm	1.064µm
81mm	75mm	3.0µm
85mm	78mm	5.0µm

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

* NOTE: Same design as 38.1LENS75 but uses UV grade material.

Crystran Stock

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 # 38.1LENS75U</p>
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