

# CALCIUM FLUORIDE PLANO-CONVEX LENS

25mm Ø x 50mm F.L. @ 0.35µm

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

Diameter:	25.0mm (±0.1mm)
Centre Thickness:	5.7mm (±0.1mm)
Radius of Curvature 1:	22.96mm (±2%)
Radius of Curvature 2:	Plano
S/D:	60/40
Edge thickness:	2.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
51mm	47mm	0.35 µm
53mm	49mm	0.633µm
54mm	49mm	1.064µm
55mm	51mm	3.0µm
57mm	53mm	5.0µm

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

*Crystran Stock*

Modifications		
Issue B	07/16 KJM	ET marked as derived FL table
Issue A	9/08 RHCB	

<p><b>CRYSTRAN LTD</b> 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF<sub>2</sub> Lens</p> <p>DRG # 25LENS50U</p>
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