

CALCIUM FLUORIDE PLANO-CONVEX LENS

25mm \varnothing x 75mm F.L. @ 5 μ m

MATERIAL: IR Grade CaF₂

Diameter:	25.0mm (\pm 0.1mm)
Centre Thickness:	4.6mm (\pm 0.1mm)
Radius of Curvature 1:	31.35 (\pm 2%)
Radius of Curvature 2:	Plano
S/D:	60/40
Edge thickness:	2.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
72mm	69mm	0.633 μ m
73mm	70mm	1.064 μ m
75mm	72mm	3.0 μ m
78mm	75mm	5.0 μ m

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

Crystran Stock

Modifications		
Issue D	07/16 KJM	ET marked as derived FL table
Issue C	05/14 KST	
Issue B	03/06 KST	
Issue A	11/05 KJM	

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Title: CaF₂ Lens

DRG # 25LENS75