

CALCIUM FLUORIDE PLANO-CONVEX LENS

20mm \varnothing x 50mm F.L. @ 5 μ m

MATERIAL: IR Grade CaF₂

Diameter: 20.0mm (\pm 0.1mm)
Centre Thickness: 4.0mm (\pm 0.1mm)
Radius of Curvature 1: 19.95 (\pm 2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 1.3mm (derived)

Effective F.L.	Back F.L.	Wavelength
46mm	43mm	0.633 μ m
47mm	44mm	1.064 μ m
48mm	45mm	3.0 μ m
50mm	47mm	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 B	06/16 KJM	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 # 20LENS50</p>
