

CALCIUM FLUORIDE PLANO-CONVEX LENS

38.1mm Ø X 475mm F.L. @ 5µm

MATERIAL: IR Grade CaF₂

Diameter: 38.1mm (+0.05 / -0.0mm)
Centre Thickness: 4.0mm (±0.1mm)
Radius of Curvature 1: 190.35 (±2%)
Radius of Curvature 2: Plano
S/D: 60/40
Edge thickness: 3.0mm (derived)

Effective F.L.	Back F.L.	Wavelength
440mm	437mm	0.633µm
444mm	442mm	1.064µm
456mm	453mm	3.0µm
477mm	474mm	5.0µm

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

GEP700.328

Modifications		
Issue C	08/17	ET marked as derived. FL table
Issue B	05/14	KST
Issue A	03/07	KJM

<p>CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA</p> <p>Title: CaF₂ Lens</p> <p>DRG # 38.1LENS475</p>
