

MAGNESIUM FLUORIDE PLANO-CONVEX LENS

25.4mm diameter x 125mm F.L. @121nm

MATERIAL: VUV Grade MgF₂

Diameter:	25.4mm (+0/-0.1mm)
Clear Aperture	80% of diameter
Edge thickness:	2.0mm derived
Centre Thickness:	3.0mm
Chamfers:	approx 0.1mm break-edge
Radius of Curvature 1:	80.482 or 80.78 (test plate)
Radius of Curvature 2:	Plano
Centration	Not specified
Surface Accuracy	Not specified
S/D:	40/20
Coating:	None

Effective Focal length	
121nm	125mm
200nm	190mm
633nm	210mm
2μm	215mm
4μm	230mm

Crystran Stock.

Issue A	8/12 KJM

CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA
Title: MGF₂ Lens
DRG # MGF25.4LENS125