

MAGNESIUM FLUORIDE PLANO-CONVEX LENS

70mm diameter x 300mm F.L. @121nm

MATERIAL: VUV Grade MgF₂

Diameter:	70mm (+0/-0.1mm)
Clear Aperture	80% of diameter
Edge thickness:	3.0mm
Centre Thickness:	6.5mm
Chamfers:	approx 0.1mm break-edge
Radius of Curvature 1:	188.6mm (test plate)
Radius of Curvature 2:	Plano
Centration	Not specified
Surface Accuracy	Not specified
S/D:	40/20
Coating:	None

Effective Focal length	
121nm	300mm
200nm	444mm
633nm	501mm
2μm	510mm
4μm	540mm

Crystran Stock.

Issue A	8/12 KJM

CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA
Title: MGF₂ Lens
DRG # MGF70LENS300