

ZINC SELENIDE PLANO-CONVEX LENS

25.4mm diameter x 500mm nominal F.L.

MATERIAL: CVD ZnSe

Diameter:	25.4mm (± 0.1 mm)
Clear Aperture	80% of diameter
Edge thickness:	2.0mm (± 0.1 mm)
Centre Thickness:	2.2mm <i>derived</i>
Chamfers:	approx 0.1mm break-edge
Radius of Curvature 1:	703.1 (± 1 mm)
Radius of Curvature 2:	Plano
Centration	< 5 minutes
Surface Accuracy	$\lambda/10$ at 10.6 μ m
S/D:	60/40
Coating:	AR/AR

Effective Focal length	
0.633nm	446.3mm
1064nm	472.1mm
7 μ m	494.5mm
10.6 μ m	501.2mm
14 μ m	511.6mm

Crystran Stock.

Issue B	10/10 KJM
Issue A	3/08 KJM

Coating specification now allows for various types

CRYSTRAN LTD 1 Broom Road Business Park, Poole, BH12 4PA
Title: ZnSe Lens
DRG # ZNSE25.4LENS500AR