

ZINC SELENIDE PLANO-CONVEX LENS

25.4mm diameter x 250mm 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 derived*
Chamfers: approx 0.1mm break-edge
Radius of Curvature 1: 350 (± 1 mm)
Radius of Curvature 2: Plano

Centration < 5 minutes
Surface Accuracy $\lambda/10$ at $10.6\mu\text{m}$
S/D: 60/40
Coating: AR/AR

Effective Focal length	
0.633nm	218.8mm
1064nm	235.0mm
$7\mu\text{m}$	246.2mm
$10.6\mu\text{m}$	249.5mm
$14\mu\text{m}$	254.7mm

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 # ZNSE25.4LENS250AR