

# ZINC SELENIDE PLANO-CONVEX LENS

25.4mm diameter x 150mm nominal F.L.

MATERIAL: CVD ZnSe

Diameter: 25.4mm ( $\pm 0.1$ mm)  
Clear Aperture 80% of diameter  
Edge thickness: 2.0mm ( $\pm 0.1$ mm)  
Centre Thickness: *2.4mm derived*  
Chamfers: approx 0.1mm break-edge  
Radius of Curvature 1: 214.7 ( $\pm 1$ 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	134.3mm
1064nm	144.2mm
$7\mu\text{m}$	151.1mm
$10.6\mu\text{m}$	153.1mm
$14\mu\text{m}$	156.3mm

*Crystran Stock.*

<b>Issue B</b>	<b>10/10 KJM</b>
<b>Issue A</b>	<b>3/08 KJM</b>

Coating specification now allows for various types.

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<b>Title: ZnSe Lens</b>
<b>DRG # ZNSE25.4LENS150AR</b>