

ZINC SELENIDE PLANO-CONVEX LENS

25.4mm diameter x 195mm 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:	2.3mm <i>derived</i>
Chamfers:	approx 0.1mm break-edge
Radius of Curvature 1:	272.7 (± 1 mm)
Radius of Curvature 2:	Plano
Centration	< 5 minutes
Surface Accuracy	$\lambda/10$ at 10.6 μ m
S/D:	60/40
Coating:	Uncoated

Effective Focal length	
0.633nm	170.5mm
1064nm	183.1mm
7 μ m	191.8mm
10.6 μ m	194.4mm
14 μ m	198.4mm

Crystran Stock.

Issue A	3/08 KJM

CRYSTRAN LTD
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Title: ZnSe Lens
DRG # ZNSE25.4LENS195