



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μ m
2. FOCAL LENGTH: 50.0mm
3. BACK FOCAL LENGTH: 42.5mm
4. CLEAR APERTURE: >20.32mm
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. CENTRATION: <3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: \pm 0.1mm
9. COATING (S1, S2): BBAR 7-12 μ m, Ravg <1.0%, Rabs <2.0%, Tavg >97%, Tabs >92%, 0° AOI

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|---|------|-----------|---|---------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com ZnSe POSITIVE MENISCUS LENS Φ 25.4mm, f=50mm, BBAR: 7.0-12.0 μ m | |
| NAME | DATE | | | |
| DRAWN | MG | 30/OCT/20 | MATERIAL | |
| APPROVAL | DD | 04/NOV/20 | ZINC SELENIDE | |
| COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # | APPROX WEIGHT |
| | | | LE7981-E3 | 10 g |
| | | | REV | A |