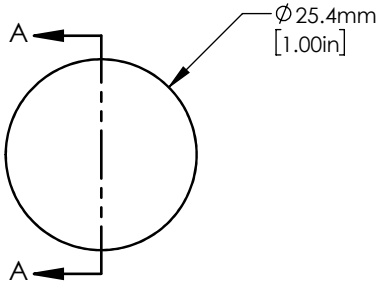
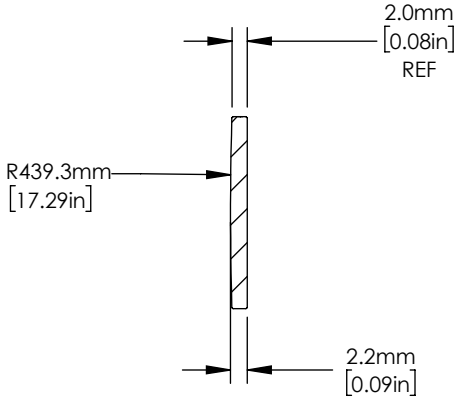


ISOMETRIC VIEW
SCALE: 1:1




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: f=850.0 mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=848.6 mm
4. CLEAR APERTURE: > Ø22.86 mm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: ≤ 3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1 mm
8. THICKNESS TOLERANCE: ±0.1 mm
9. SURFACE IRREGULARITY (S1 & S2): ≤ λ/4 AT 633 nm
10. SPHERICAL SURFACE POWER (S1): ≤ 3λ/2 AT 633 nm
11. FLATNESS (S2): ≤ λ/2 AT 633 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | YB | 29/MAY/25 |
| APPROVAL | PS | 29/MAY/25 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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Ø25.4 mm, f=850 mm, N-BK7
PLANO-CONVEX LENS

| MATERIAL | REV |
|---|---|
| N-BK7 | A |

| ITEM # | APPROX WEIGHT |
|---|---|
| LA1633 | 2.7 g |