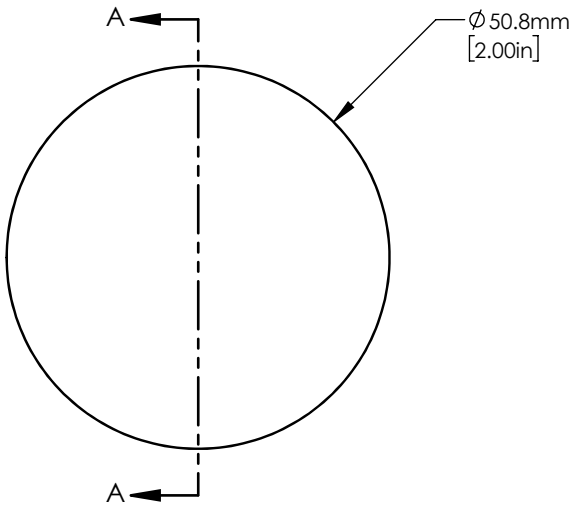
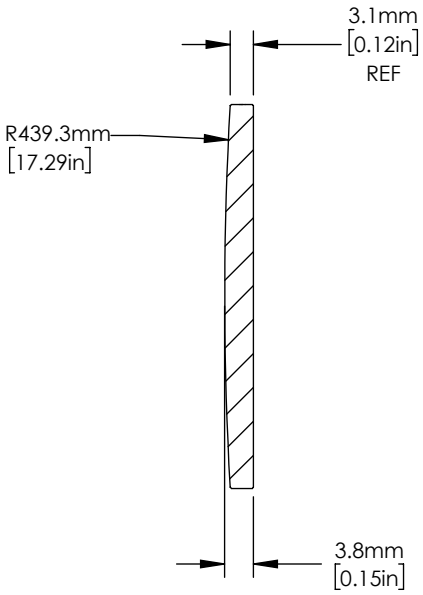
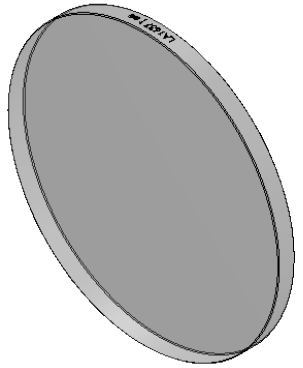




SECTION A-A



ISOMETRIC VIEW
SCALE: 1:1

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH: f=850.0 mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=847.5 mm
4. CLEAR APERTURE: > Ø45.72 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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Ø50.8 mm, f=800 mm, N-BK7
PLANO-CONVEX LENS

MATERIAL	REV
N-BK7	A

ITEM #	APPROX WEIGHT
LA1637	17.5 g