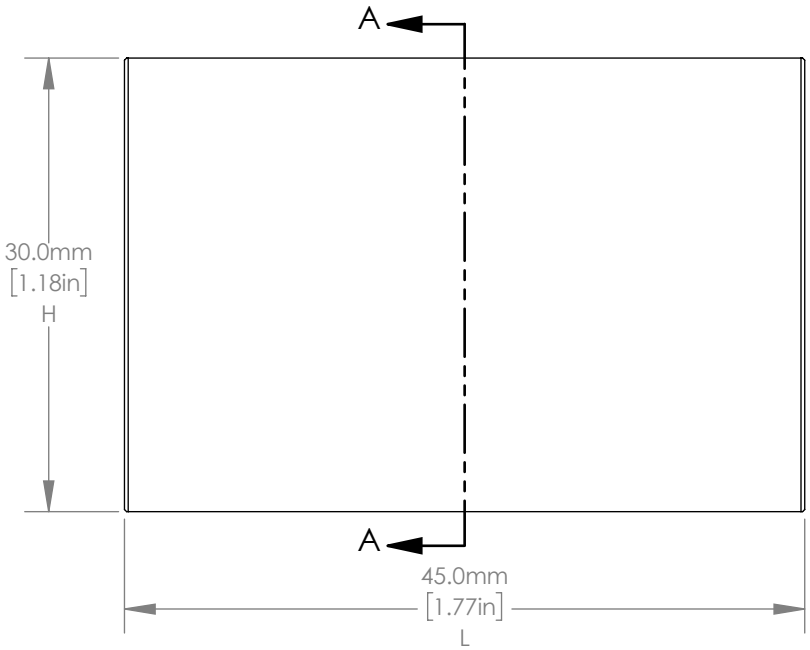
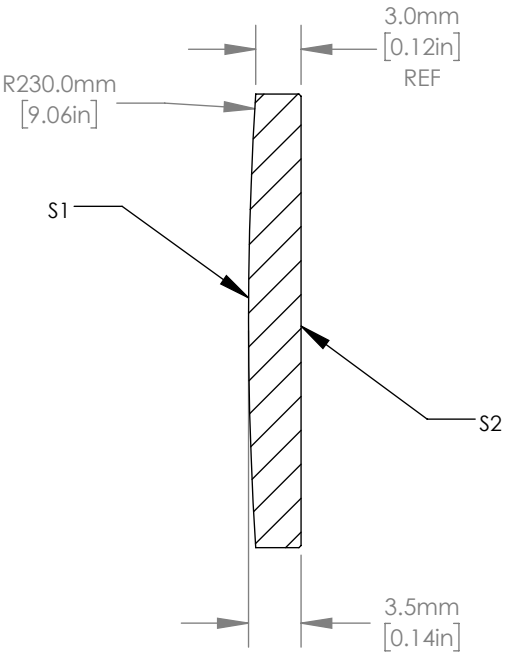






NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 546nm
2. FOCAL LENGTH: f=499.9mm±1%
3. BACK FOCAL LENGTH (REF): bf=497.5mm
4. CLEAR APERTURE(H x L): >27.00 x 40.50mm
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION: ≤3arcmin
7. DIMENSIONAL TOLERANCE (H, L): +0.00/-0.10mm
8. THICKNESS TOLERANCE: ±0.10mm
9. SURFACE IRREGULARITY AT 633nm: λ (S1 H), λ/cm (S1 L), λ/4 (S2)
10. POWER TOLERANCE AT 633nm: <3λ/2 (S1), <λ/2 (S2)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	KMR	02/DEC/16
APPROVAL	DD	28/DEC/16

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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H=30.0mm L=45.0mm F=499.9mm UVFS CYLINDRICAL PLANO-CONVEX LENS

MATERIAL	REV
UV GRADE FUSED SILICA	D

ITEM #	APPROX WEIGHT
LJ4147	10.0 g