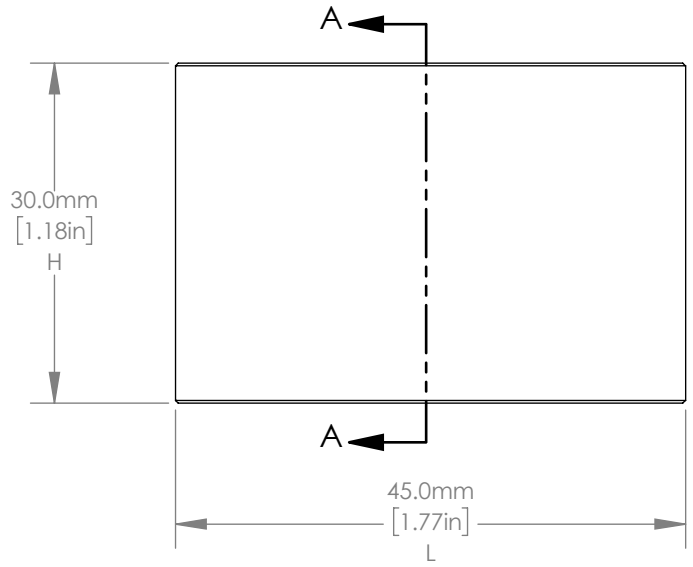
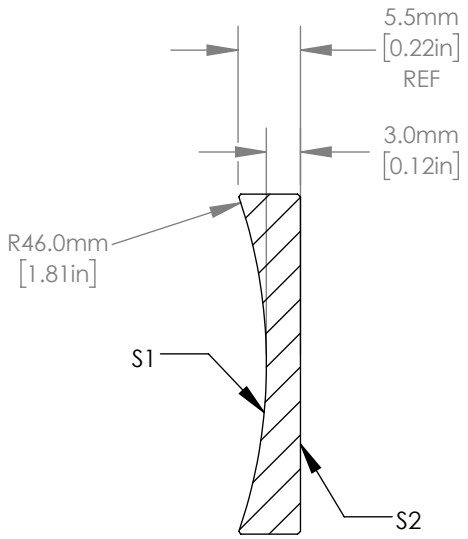






NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 546nm
2. FOCAL LENGTH: f= -100.0mm ±1%
3. BACK FOCAL LENGTH (REF): bf= -102.4mm
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. CENTER 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	KMC	24/MAY/17
APPROVAL	DD	02/JUN/17

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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=-100.0mm UVFS CYLINDRICAL PLANO-CONCAVE LENS

MATERIAL	REV
UV GRADE FUSED SILICA	C

ITEM #	APPROX WEIGHT
LK4245	11.4 g