



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=501.8\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=498.7\text{mm}$
4. CLEAR APERTURE: $>90\%$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$

ALL DIMENSIONS ARE IN THE FORM $\frac{\text{[in]}}{\text{mm}}$
THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

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NEWTON NJ

| | NAME | DATE |
|-----------|------|------------|
| DRAWN | JC | 07/19/2010 |
| ENG APPR. | WD | 08/25/2010 |
| MFG APPR. | PM | 08/26/2010 |

TITLE: D=50.80 F=500.00 UV FUSED SILICA
PLANO CONVEX LENS

MATERIAL: UV FUSED SILICA SIZE A REV. B

SCALE: 2:1 SHEET 1 OF 1

DWG. NO. 3317-E01 PART NO. LA4782