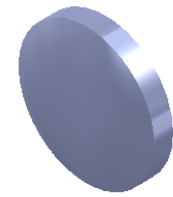


SECTION A-A



2:1 ISOMETRIC VIEW FOR REFERENCE ONLY

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=40.1\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=38.1\text{mm}$
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 [in]  
mm  
THIS DRAWING IS FOR INFORMATION ONLY  
NOT INTENDED FOR MANUFACTURING

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

**PROPRIETARY AND CONFIDENTIAL**

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**THORLABS INC.** PO BOX 366  
NEWTON NJ

TITLE: D=12.70 F=40.00 UV FUSED SILICA  
PLANO CONVEX LENS

MATERIAL: UV FUSED SILICA      SIZE A      REV. B

SCALE: 5:1      SHEET 1 OF 1

DWG. NO. 3292-E01      PART NO. LA4130