



1:2 ISOMETRIC VIEW
FOR REFERENCE ONLY

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=301.1\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=297.4\text{mm}$
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 $\frac{[in]}{mm}$.
THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

THORLABS INC. PO BOX 366
NEWTON NJ

TITLE: D=50.80 F=300.00 UV FUSED SILICA
PLANO CONVEX LENS

MATERIAL: UV FUSED SILICA SIZE A REV. B

SCALE: 2:1 SHEET 1 OF 1

DWG. NO. 3316-E01 PART NO. LA4855

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

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