



2:1 ISOMETRIC VIEW FOR REFERENCE ONLY

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=20.1\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=17.1\text{mm}$
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 $\frac{[in]}{mm}$.
 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

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TITLE: D=12.70 F=20.00 UV FUSED SILICA
 PLANO CONVEX LENS

MATERIAL: UV FUSED SILICA SIZE A REV. B

SCALE: 5:1 SHEET 1 OF 1

DWG. NO. 3290-E01 PART NO. LA4647