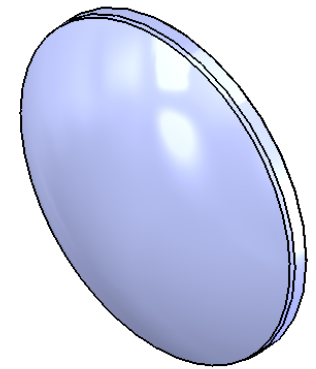


SECTION A-A



1:1 ISOMETRIC VIEW FOR REFERENCE ONLY

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=100.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=93.0\text{mm}$
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	JLE	08/31/2010
ENG APPR.	WD	09/03/2010
MFG APPR.	PM	09/08/2010

PROPRIETARY AND CONFIDENTIAL

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THORLABS INC. PO BOX 366
NEWTON NJ

TITLE: D=50.80 F=100.0 UV FUSED SILICA
PLANO CONVEX LENS

MATERIAL: UV FUSED SILICA SIZE A REV. C

SCALE: 1:1 SHEET 1 OF 1

DWG. NO. 3312-E01 PART NO. LA4545