



1:2 ISOMETRIC VIEW FOR REFERENCE ONLY

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=99.7\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=87.0\text{mm}$
4. CLEAR APERTURE: >90%
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
9. COATING: BBAR  $R_{avg} < 0.5\%$  FROM 650nm-1050nm,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM  $\frac{\text{[in]}}{\text{mm}}$

THIS DRAWING IS FOR INFORMATION ONLY  
NOT INTENDED FOR MANUFACTURING

**THORLABS INC.** PO BOX 366  
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TITLE: D=75.0 F=100.0 N-BK7 B  
COAT PLANO CONVEX LENS

MATERIAL: N-BK7 SIZE A REV. B

SCALE: 1:1 SHEET 1 OF 1

DWG. NO. 4525-E01 PART NO. LA1238-B

	NAME	DATE
DRAWN	WD	11/19/2009
ENG APPR.	BW	11/24/2009
MFG APPR.	DD	12/09/2009

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