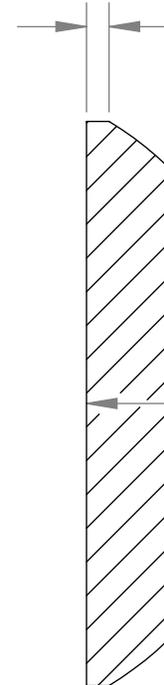


[0.12]  
3.0  
(REF)



1:2 ISOMETRIC VIEW FOR  
REFERENCE ONLY



[0.95]  
24.2

[1.72]  
R43.8

SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=84.7\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=68.8\text{mm}$
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  $\frac{\text{[in]}}{\text{mm}}$   
THIS DRAWING IS FOR INFORMATION ONLY  
NOT INTENDED FOR MANUFACTURING

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

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

TITLE: D=75.0 F=85.0 N-BK7 PLANO  
CONVEX LENS

MATERIAL: N-BK7 SIZE A REV. B

SCALE: 1:1

SHEET 1 OF 1

DWG. NO.  
3281-E01

PART NO.  
LA1740