



SECTION A-A



1:1 ISOMETRIC VIEW FOR REFERENCE ONLY

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=299.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=297.3\text{mm}$
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=30.0 F=300.0 N-BK7 PLANO
 CONVEX LENS

MATERIAL: N-BK7 SIZE A REV. C

SCALE: 2:1 SHEET 1 OF 1

DWG. NO. 19321-E01 PART NO. LA1419

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

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THORLABS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THORLABS, INC. IS PROHIBITED.