



[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: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{avg} < 0.5\%$ FROM 350nm-700nm, 0° 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
NEWTON NJ

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

MATERIAL: N-BK7 SIZE A REV. B

SCALE: 1:1 SHEET 1 OF 1

DWG. NO. 4465-E01 PART NO. LA1740-A

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

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