



1:2 ISOMETRIC VIEW FOR
REFERENCE ONLY



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6nm
- FOCAL LENGTH: $f=99.7\text{mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=93.3\text{mm}$
- CLEAR APERTURE: $>90\%$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $<3\text{arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
- COATING: BBAR $R_{\text{avg}} < 0.5\%$ 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

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

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TITLE: D=50.8 F=100.0 N-BK7 A
COAT PLANO CONVEX LENS

MATERIAL: N-BK7 SIZE A REV. B

SCALE: 1:1 SHEET 1 OF 1

DWG. NO. 4454-E01 PART NO. LA1050-A