



SECTION A-A



1:1 ISOMETRIC VIEW FOR REFERENCE ONLY

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f = -74.8\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf = -75.9\text{mm}$
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 1050nm-1700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com $\varnothing 25.4\text{mm } f = -75\text{mm BCC LENS}$ C COAT	
NAME	DATE			
DRAWN	WD	19/NOV/09	MATERIAL N-BK7	
APPROVAL	DD	30/SEPT/13		
COPYRIGHT © 2012 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LD1170-C	0.01 kg