



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=250.9\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=249.0\text{mm}$
4. CLEAR APERTURE: >90% OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
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,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION



	NAME	DATE
DRAWN	GG	28/SEP/12
APPROVAL	DD	28/SEP/12

COPYRIGHT © 2012 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS

**THORLABS**

www.thorlabs.com

D=25.40 F=250.00 UV FUSED SILICA  
PLANO CONVEX LENS, -A COAT

MATERIAL	UV FUSED SILICA	REV	A
----------	-----------------	-----	---

ITEM #	LA4158-A	APPROX WEIGHT	0.03 kg
--------	----------	---------------	---------