



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH:  $f=20.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=18.5\text{mm}$
4. CLEAR APERTURE:  $>90\%$  OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $\leq 3\text{arcmin}$
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 650nm-1050nm,  $0^\circ$  AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	GG	28/SEP/12	D=12.7mm F=20.0mm UVFS BI CONVEX LENS, -B COAT	
APPROVAL	DD	28/SEP/12	MATERIAL	REV
COPYRIGHT © 2012 BY THORLABS			UV GRADE FUSED SILICA	A
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LB4854-B	0.02 kg