



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% DIAMETER
2. SURFACE ACCURACY:  $\lambda/4$  AT 632.8nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. BACK SURFACE: FINE GROUND
5. THICKNESS TOLERANCE:  $\pm 0.2$  mm
6. DIAMETER TOLERANCE:  $+ 0.0/-0.2$  mm
7. COATING: PROTECTED ALUMINUM  
 Ravg: >90% FROM 450nm - 2 $\mu$ m  
 Ravg: >95% FROM 2 $\mu$ m - 20 $\mu$ m  
 AOI: 0° TO 45°
8. DAMAGE THRESHOLD: 0.3J/cm<sup>2</sup> 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	BAG	27/OCT/10	MATERIAL	REV
APPROVAL	WD	08/NOV/12	N-BK7	C
COPYRIGHT © 2010 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			CM254-050-G01	0.007 kg