



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > 80% DIAMETER
2. SURFACE FLATNESS (S1): <  $\lambda/4$  AT 632.8 nm OVER CLEAR APERTURE
3. SURFACE QUALITY (S1): 15-5 SCRATCH-DIG
4. SURFACE (S2): POLISHED
5. PARALLELISM:  $\leq 3$  arcmin
6. THICKNESS TOLERANCE:  $\pm 0.20$  mm
7. DIAMETER TOLERANCE: +0.00/-0.10 mm
8. COATING (S1): LOW GDD COATING  
 AOI:  $45^\circ$   
 S-POLARIZATION:  $R > 99\%$ ,  $|GDD| < 30$  fs<sup>2</sup>, 700 nm - 930 nm  
 P-POLARIZATION:  $R > 99\%$ ,  $|GDD| < 30$  fs<sup>2</sup>, 730 nm - 870 nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\varnothing$ 12.7 mm LOW GDD MIRROR 700 nm - 930 nm, $45^\circ$ AOI	
	NAME	DATE		
DRAWN	EH	11/FEB/19	MATERIAL <b>FUSED SILICA</b>	
APPROVAL	XX	12/APR/19		
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			UM05-45A	2 g
				REV C