



NOTES/SPECIFICATIONS:

- CLEAR APERTURE: >22.9 mm DIAMETER
- SURFACE ACCURACY:  $\lambda/4$  AT 632.8nm OVER CLEAR APERTURE
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- BACK SURFACE: FINE GROUND
- THICKNESS TOLERANCE:  $\pm 0.2$  mm
- DIAMETER TOLERANCE: + 0.0/-0.2 mm
- COATING: PROTECTED SILVER  
Ravg: >97% FROM 450nm - 2 $\mu$ m  
Ravg: >95% FROM 2 $\mu$ m - 20 $\mu$ m  
AOI: 0° TO 45°
- DAMAGE THRESHOLD: 3J/cm<sup>2</sup> 10ns PULSE, 10Hz AT 1064nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE			
DRAWN	BAG	28/OCT/10	$\phi 25.4\text{mm}$ , f= 100.0mm CONCAVE PROTECTED SILVER MIRROR	
APPROVAL	NI	18/NOV/22	MATERIAL	REV
COPYRIGHT © 2022 BY THORLABS			N-BK7	D
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		ITEM #	APPROX WEIGHT	
		CM254-100-P01	0.007 kg	