



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 45.7\text{ mm}$
2. TRANSMITTED WAVEFRONT ERROR:  $< \lambda$  OVER CLEAR APERTURE
3. SURFACE QUALITY: 60-40 SCRATCH-DIG
4. PARALLELISM:  $< 3\text{ arcmin}$
5. DIAMETER TOLERANCE:  $+0.00/-0.20\text{ mm}$
6. THICKNESS TOLERANCE:  $\pm 0.10\text{ mm}$
7. COATING(S1): TRANSMISSION:  $> 85\%$  AVG 600-1200 nm  
 REFLECTION:  $> 90\%$  AVG 325-475 nm  
 AOI:  $45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\varnothing 50.8\text{ mm UV COLD MIRROR, AOI: } 45^\circ$	
NAME	DATE			
DRAWN	JAC	09/OCT/20	MATERIAL	
APPROVAL	DD	09/OCT/20		
<b>COPYRIGHT © 2020 BY THORLABS</b>			SODA LIME	
<small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			FM204	4 g

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