



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 45.7$  mm
2. TRANSMITTED WAVEFRONT ERROR:  $< \lambda$  OVER CLEAR APERTURE
3. SURFACE QUALITY: 60-40 SCRATCH-DIG
4. PARALLELISM:  $< 3$  arcmin
5. DIAMETER TOLERANCE:  $+0.00/-0.20$  mm
6. THICKNESS TOLERANCE:  $\pm 0.10$  mm
7. COATING (S1): TRANSMISSION:  $> 85\%$  AVG 450-645 nm  
 REFLECTION:  $> 90\%$  AVG 750-1200 nm  
 CUT-ON TOLERANCE:  $720 \text{ nm} \pm 25 \text{ nm}$   
 AOI:  $0^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\varnothing 50.8$ mm NEAR-IR HOT MIRROR, AOI: $0^\circ$	
NAME	DATE			
DRAWN	JAC	09/OCT/20	MATERIAL <b>SODA LIME</b>	
APPROVAL	DD	09/OCT/20		
COPYRIGHT © 2020 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			FM201	4 g
			REV	E