



NOTES/SPECIFICATIONS:

1. CIRCULAR CLEAR APERTURE: $> \phi 45.7\text{mm}$
2. SURFACE QUALITY (S1): 40-20 SCRATCH-DIG
3. SURFACE FLATNESS (S1): $\lambda/10$ AT 633nm
(S2): FINE GRIND
4. DIAMETER TOLERANCE: $\pm 0.1\text{mm}$
5. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
6. PARALLELISM: $< 5\text{arcmin}$
7. COATING (S1): PROTECTED SILVER
 $R_{\text{avg}}: > 97.5\%$ FROM 450nm-2 μm
 $R_{\text{avg}}: > 96\%$ FROM 2-20 μm
 0° TO 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	GG	01/OCT/10	50.8mm ELLIPTICAL SILVER MIRROR	
APPROVAL	BW	25/OCT/17	MATERIAL	REV
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV GRADE FUSED SILICA	C
			ITEM #	APPROX WEIGHT
			PFE20-P01	76 g