



NOTES/SPECIFICATIONS:

1. CIRCULAR CLEAR APERTURE: $> \varnothing 10.8\text{mm}$
2. SURFACE QUALITY (S1): 40-20 SCRATCH-DIG
3. SURFACE FLATNESS (S1): $< \lambda/10$ AT 633nm
(S2): FINE GRIND
4. PARALLELISM: $< 5\text{arcmin}$
5. DIAMETER TOLERANCE: $\pm 0.0/-0.1\text{mm}$
6. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
7. COATING (S1): -E02 BROADBAND HR, DIELECTRIC
 $R_s \text{ avg} > 99\% \text{ FROM } 400\text{-}750\text{nm}$
 $R_p \text{ avg} > 99\% \text{ FROM } 400\text{-}750\text{nm}$
 $0^\circ \text{ TO } 45^\circ \text{ AOI}$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com 12.7mm BROADBAND ELLIPTICAL MIRROR 400-750nm	
NAME	DATE			
DRAWN	GG	27/MAY/16	MATERIAL UV GRADE FUSED SILICA REV D	
APPROVAL	BW	25/OCT/17		
COPYRIGHT © 2018 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BBE05-E02	2 g