



NOTES/SPECIFICATIONS:

1. CIRCULAR CLEAR APERTURE: $> \phi 11.4\text{mm}$
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 ALUMINUM
Ravg: $> 90\%$ FROM 450nm-2 μm
Ravg: $> 95\%$ FROM 2 μm -20 μm
0° TO 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|------|-----------|---|---------------|
| DRAWING PROJECTION | | | www.thorlabs.com 12.7mm PROTECTED ALUMINUM ELLIPTICAL MIRROR | |
| NAME | DATE | | | |
| DRAWN | GG | 08/FEB/11 | MATERIAL UV GRADE FUSED SILICA REV C | |
| APPROVAL | BW | 25/OCT/17 | | |
| COPYRIGHT © 2018 BY THORLABS | | | ITEM # | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | PFE05-G01 | 2 g |