



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \text{Ø } 43.2\text{mm}$
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): -E03 BROADBAND HR, DIELECTRIC
 $R_s \text{ avg} > 99\% \text{ FROM } 750\text{-}1100\text{nm}$
 $R_p \text{ avg} > 99\% \text{ FROM } 750\text{-}1100\text{nm}$
 $0^\circ \text{ TO } 45^\circ \text{ AOI}$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|--|------|-----------|---|------------------------------|
| DRAWING PROJECTION | | | THORLABS www.thorlabs.com 50.8mm BROADBAND ELLIPTICAL MIRROR 750-1100nm | |
| DRAWN | NAME | DATE | | |
| APPROVAL | BW | 25/OCT/17 | MATERIAL UV GRADE FUSED SILICA | |
| COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | ITEM # BBE2-E03 | APPROX WEIGHT 76 g |

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