



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 21.6\text{mm}$
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. SURFACE FLATNESS (S1): $< \lambda/10$ AT 632.8nm
(S2): FINE GRIND
4. PARALLELISM: $< 3\text{arcmin}$
5. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
6. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$
7. COATING (S1): -E02 BROADBAND HR, DIELECTRIC
 $R_s \text{ avg} > 99\%$ FROM 400-750nm
 $R_p \text{ avg} > 99\%$ FROM 400-750nm
 AOI: 0° TO 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	25.4mm BROADBAND ELLIPTICAL MIRROR 400-750nm	
DRAWN	GG	27/MAY/16	MATERIAL	REV
25/MAY/16	DD	31/MAY/16	UV GRADE FUSED SILICA	C
COPYRIGHT © 2016 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			BBE1-E02	9 g