



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:  $\pm 0.0/-0.1\text{mm}$
6. THICKNESS TOLERANCE:  $\pm 0.2\text{mm}$
7. COATING (S1): -E03 BROADBAND HR, DIELECTRIC  
 $R_s \text{ avg} > 99\%$  FROM 750-1100nm  
 $R_p \text{ avg} > 99\%$  FROM 750-1100nm  
 AOI:  $0^\circ$  TO  $45^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> <b>25.4mm BROADBAND ELLIPTICAL MIRROR 750-1100nm</b>	
DRAWN	GG	DATE		
APPROVAL	DD	DATE	31/MAY/16	MATERIAL
COPYRIGHT © 2016 BY THORLABS				UV GRADE FUSED SILICA
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			BBE1-E03	10 g

REV C