



# NOTES/SPECIFICATIONS:

1. CIRCULAR CLEAR APERTURE:  $> \varnothing 43.2\text{mm}$
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:  $+0.0/-0.1\text{mm}$
6. THICKNESS TOLERANCE:  $\pm 0.2\text{mm}$
7. COATING (S1): -E02 BROADBAND HR, DIELECTRIC  
Rs avg  $> 99\%$  FROM 400-750nm  
Rp avg  $> 99\%$  FROM 400-750nm  
 $0^\circ$  TO  $45^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	50.8mm Broadband Dielectric Elliptical Mirror, -E02				
DRAWN	CWD	2022/5/18	BEME4508-E02				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.076kg		A	