



NOTES

1. MATERIAL: Borofloat 33
2. DESIGN WAVELENGTH: 250 nm-600 nm
3. CLEAR APERTURE: 80%
4. SURFACE QUALITY(S1)(S/D): 40/20
5. SURFACE FLATNESS(S1):  $\lambda/4$  @632.8 nm
6. COATING(S1): UVAL  
 $R_{avg} > 90\% @ 250\text{ nm}-600\text{ nm}$   
 $AOI: 0^\circ -45^\circ$
7. DIAMETER TOLERANCE:  $+0/-0.2\text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.25\text{ mm}$
9. CHAMFER:  $< 0.2\text{ mm}, 45^\circ$
10. FOCAL LENGTH:  $-250.0\text{ mm} \pm 1\%$
11. BACK SURFACE(S2): FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\phi 12.7\text{ mm}, F=-250\text{ mm}, UVAL: 250\text{ nm}-600\text{ nm}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	0.98 g	4:1	C