



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 nm–600 nm  
 AOI:  $0^\circ - 45^\circ$
7. DIAMETER TOLERANCE:  $+0/-0.2$  mm
8. THICKNESS TOLERANCE:  $\pm 0.25$  mm
9. CHAMFER:  $<0.2$  mm,  $45^\circ$
10. FOCAL LENGTH:  $-500.0$  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 $\phi 25.4$ mm, F=-500 mm, UVAL: 250 nm-600 nm			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	7.80 g	2:1	C