



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
 $R_{\text{avg}} > 90\% @ 250\text{ nm} - 600\text{ nm}$
 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: $-50.0\text{ mm} \pm 1\%$
11. BACK SURFACE(S2): FINE GROUND

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\varnothing 25.4\text{ mm}, F=-50\text{ mm}, UVAL; 250\text{ nm}-600\text{ nm}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	7.35 g	2:1	C