



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 nm–600 nm
 AOI: $0^\circ - 45^\circ$
7. DIAMETER TOLERANCE: $+0/-0.2$ mm
8. THICKNESS TOLERANCE: ± 0.25 mm
9. CHAMFER: < 0.2 mm, 45°
10. FOCAL LENGTH: -100.0 mm $\pm 1\%$
11. BACK SURFACE(S2): FINE GROUND

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CM05-F100-UVAL			
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\phi 12.7$ mm, $F=-100$ mm, UVAL: 250 nm–600 nm			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	0.97 g	4:1	C