



NOTES

1. DESIGN WAVELENGTH: 250 nm–600 nm
2. COATING(S1): UVAL
 $R_{\text{avg}} > 90\%$ @ 45° AOI
3. CLEAR APERTURE(S1): $> 80\%$ CA
4. SURFACE QUALITY(S1): 40/20(S/D)
5. SURFACE FLATNESS(S1): $\lambda/4$ @ 633 nm
6. CENTRATION: < 3 arcmin
7. CHAMFER: < 0.2 mm, 45°
8. BACK SURFACE(S2): FINE GROUND
9. DIAMETER TOLERANCE: $+0.0/-0.2$ mm
10. THICKNESS TOLERANCE: ± 0.25 mm
11. FOCAL LENGTH: -50.0 mm $\pm 1\%$

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\varnothing 12.7$ mm, $F = -50$ mm, UVAL: 250 nm–600 nm			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	0.40 g	5:1	C