



NOTES

1. COATING(S1): AG
 $R_{\text{avg}} > 96\% @ 480\text{ nm} - 2.0\ \mu\text{m}$
 $R_{\text{avg}} > 97.5\% @ 2.0 - 20\ \mu\text{m} @ 0^\circ - 45^\circ\ \text{AOI}$
2. CLEAR APERTURE(S1): $> 80\% \text{CA}$
3. SURFACE QUALITY(S1): 40/20(S/D)
4. SURFACE FLATNESS(S1): $\lambda/4 @ 633\ \text{nm}$
5. CENTRATION: $< 3\ \text{arcmin}$
6. CHAMFER: $< 0.2\ \text{mm}, 45^\circ$
7. BACK SURFACE(S2): FINE GROUND
8. DIAMETER TOLERANCE: $+0.0/-0.2\ \text{mm}$
9. THICKNESS TOLERANCE: $\pm 0.25\ \text{mm}$
10. FOCAL LENGTH: $-100.0\ \text{mm} \pm 1\%$

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\varnothing 12.7\ \text{mm}, F=-100\ \text{mm}, AG: 450\ \text{nm} - 20.0\ \mu\text{m}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	0.88 g	5:1	D