



NOTES

1. COATING(S1): AG
 $R_{avg} > 96\% @ 480\text{ nm} - 2.0\text{ }\mu\text{m}$
 $R_{avg} > 97.5\% @ 2.0 - 20\text{ }\mu\text{m} @ 0^\circ - 45^\circ \text{ AOI}$
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: $-500.0\text{ mm} \pm 1\%$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	CM10-F500-AG			
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\phi 25.4\text{ mm}, F=-500\text{ mm}, AG: 450\text{ nm} - 20.0\text{ }\mu\text{m}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	7.12 g	5:1	D