



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):  $> 80\%CA$
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			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\varnothing 25.4\text{ mm}, F=-100\text{ mm}, AG: 450\text{ nm} - 20.0\text{ }\mu\text{m}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	6.94 g	5:1	D