



NOTES

1. COATING(S1): AG  
 $R_{avg} > 96\% @ 480\text{ nm} - 2.0\ \mu\text{m}$   
 $R_{avg} > 97.5\% @ 2.0 - 20\ \mu\text{m} @ 0^\circ - 45^\circ\ \text{AOI}$
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:  $-25.0\ \text{mm} \pm 1\%$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	BSHU	Aug. /5th/24	METAL-COATED CONCAVE MIRROR $\varnothing 25.4\ \text{mm}, F = -25\ \text{mm}, AG: 450\ \text{nm} - 20.0\ \mu\text{m}$			
APPROVAL	WCHENG	Aug. /5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	6.24 g	2:1	D