



NOTES

1. COATING(S1): AG  
 $R_{avg} > 96\% @ 480 \text{ nm} - 2.0 \mu\text{m}$   
 $R_{avg} > 97.5\% @ 2.0 \mu\text{m} - 20.0 \mu\text{m}, 0^\circ - 45^\circ \text{ AOI}$
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. PARALLELISM(S1, S2):  $< 3 \text{ arcmin}$
6. CHAMFER:  $< 0.2 \text{ mm}, 45^\circ$
7. BACK SURFACE (S2): FINE GROUND
8. FOCAL LENGTH:  $-150 \pm 1\%$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	SJY	Dec./13th/23	METAL-COATED CONCAVE MIRROR $\phi 50.8 \text{ mm}, F = -150 \text{ mm}, \text{AG}: 450 \text{ nm} - 20.0 \mu\text{m}$			
APPROVAL	ZBW	Dec./13th/23	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	46.4 g	1:1	A