



NOTES

1. MATERIAL: UVFS
2. CLEAR APERTURE: $>90\%$ CA
3. SURFACE QUALITY(S1,S2): 60/40(S/D)
4. WAVEFRONT ERROR(RMS): $\lambda/4@633\text{ nm}$ (SUBSTRATE)
5. PARALLELISM(S1,S2): $<3\text{ arcmin}$
6. ARROW POINTS TO THE FILTERING COATING
7. COATING:
 FILTERING(S1): $T_{\text{avg}}>90\%$, $T_{\text{abs}}>85\%@830-1300\text{ nm}$, 45° AOI
 $R_{\text{avg}}>95\%$, $R_{\text{abs}}>90\%@400-760\text{ nm}$, 45° AOI
 AR COATING(S2): $R_{\text{abs}}<2\%@830-1300\text{ nm}$, 45° AOI

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR $\varnothing 50.8\text{ mm} \times 5\text{ mm}$, 805 nm			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	22.3 g	1:1	A