



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): $T_{\text{avg}}>90\%$, $T_{\text{abs}}>85\%@1260-1700\text{ nm}, 45^\circ\text{ AOI}$
 $R_{\text{avg}}>95\%$, $R_{\text{abs}}>90\%@750-1100\text{ nm}, 45^\circ\text{ AOI}$
 AR COATING(S2): $R_{\text{abs}}<2\%@1260-1700\text{ nm}, 45^\circ\text{ AOI}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR $\phi 12.7\text{ mm} \times 3.2\text{ mm}, 1180\text{ nm}$			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	0.9 g	2:1	A