



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):  $T_{\text{avg}}>90\%, T_{\text{abs}}>85\%@1850-2100\text{nm}, 45^\circ\text{AOI}$   
 $R_{\text{avg}}>95\%, R_{\text{abs}}>90%@1500-1750\text{nm}, 45^\circ\text{AOI}$   
 AR COATING(S2):  $R_{\text{abs}}<2\%@1850-2100\text{nm}, 45^\circ\text{AOI}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR $\varnothing 50.8\text{mm} \times 5\text{mm}, 1800\text{nm}$			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	22.3 g	1:1	A