



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 arcmin
6. ARROW POINTS TO THE FILTERING COATING
7. COATING:
  - FILTERING(S1):  $T_{\text{avg}} > 90\%$ ,  $T_{\text{abs}} > 85\% @ 390-490 \text{ nm}$ ,  $45^\circ \text{ AOI}$   
 $R_{\text{avg}} > 95\%$ ,  $R_{\text{abs}} > 90\% @ 520-800 \text{ nm}$ ,  $45^\circ \text{ AOI}$
  - AR COATING(S2):  $R_{\text{abs}} < 2\% @ 390-490 \text{ nm}$ ,  $45^\circ \text{ AOI}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	DM10-505SP			
DRAWN	LZHOU	JUL./30th/24	SHORTWAVE DICHOIC MIRROR $\text{Ø} 25.4 \text{ mm} \times 3.2 \text{ mm}$ , 505 nm			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	3.6 g	2:1	A