



NOTES

1. REFLECTION CUTOFF, TRANSMISSION START WAVELENGTH: 1000 nm
2. CLEAR APERTURE: $>90\%CA$
3. SURFACE QUALITY(S1, S2): 60/40(S/D)
4. WAVEFRONT ERROR(RMS): $\lambda/4@633\text{ nm}$
5. PARALLELISM(S1, S2): $<3\text{ arcmin}$
6. COATING:
 - FILTERING(S1): $T_{\text{avg}}>90\%$, $T_{\text{abs}}>85\%@1050-1350\text{ nm}, 45^\circ\text{ AOI}$
 - $R_{\text{avg}}>95\%$, $R_{\text{abs}}>90\%@520-960\text{ nm}, 45^\circ\text{ AOI}$
 - AR COATING(S2): $R_{\text{abs}}<2\%@1050-1350\text{ nm}, 45^\circ\text{ AOI}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	DM10-1000LP			
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR $\phi 25.4\text{ mm} \times 3.2\text{ mm}, 1000\text{ nm}$			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	3.6 g	2:1	A