



NOTES

1. REFLECTION CUTOFF, TRANSMISSION START WAVELENGTH: 638 nm
2. CLEAR APERTURE: >90%CA
3. SURFACE QUALITY(S1, S2): 60/40(S/D)
4. WAVEFRONT ERROR(RMS):  $\lambda/2@633$  nm
5. PARALLELISM(S1, S2): <3 arcmin
6. COATING:  
 FILTER COATING(S1):  $T_{avg} > 90\%$ ,  $T_{abs} > 85\% @ 655-700$  nm, 45° AOI  
 $R_{avg} > 95\%$ ,  $R_{abs} > 90\% @ 580-621$  nm, 45° AOI  
 AR COATING(S2):  $R_{abs} < 2\% @ 655-700$  nm, 45° AOI
7. CHAMFER: <0.35 mm, 45°

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR L x W x H=36.0 mm x 25.0 mm x 1.0 mm, 638 nm			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.98 g	2:1	A