



NOTES

1. DESIGN WAVELENGTH: 308 nm
2. CLEAR APERTURE: >90% CA
3. DELAY:  $m\lambda + \lambda/2$
4. DELAY TOLERANCE:  $\pm \lambda/300$
5. WAVEFRONT ERROR(RMS):  $\lambda/10$  @633 nm
6. AR COATING(S1,S2): V coating @308 nm  
 $R_{avg} < 0.25\%$  (6° AOI, SINGLE SURFACE)
7. CHAMFER: 45° , <math>< 0.2\text{ mm}</math>
8. SURFACE QUALITY(S1,S2): 10/5(S/D)
9. PARALLELISM(S1,S2): <math>< 3\text{ arcsec}</math>
10. THE FAST AXIS IS PARALLEL TO THE CUT EDGE

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	JUL./19th/24	QUARTZ MULTI-ORDER WAVEPLATE $\varnothing 25.4\text{ mm}, \lambda/2@308\text{ nm}$			
APPROVAL	WCHENG	JUL./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			QUARTZ	0.7 g	2:1	B