



NOTES

1. CLEAR APERTURE: >90%
2. DIAMETER TOLERANCE: +0.0/-0.2 mm
3. THICKNESS TOLERANCE: ±0.25 mm
4. WEDGE ANGLE: 30 arcmin±10 arcmin
5. SURFACE QUALITY (S/D) : 40/20
6. WAVEFRONT ERROR: $\lambda/6@633$ nm
7. COATING:
 SPLITTING COATING (S1) : $T_{abs}=33\pm 8\%$, $R_{abs}=67\pm 10\%$,
 $|T_p-T_s|<15\%$, $|R_p-R_s|<15\%$, $T_{abs}+R_{abs}>80\%$, 633 nm, 45° AOI
 AR COATING (S2) : $R_{abs}<0.25\%$, 633 nm, 45° AOI
8. ARROW POINTS TO THE SPLITTING COATING

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	APR./23th/24	BEAM SPLITTER ϕ 12.7 mm, R: T=67, 33@633 nm			
APPROVAL	WCHENG	APR./23th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	0.8 g	4:1	A