



NOTES

1. CLEAR APERTURE: >90%
2. DIAMETER TOLERANCE: +0.0/-0.2 mm
3. THICKNESS TOLERANC: ±0.2 mm
4. WEDGE ANGLE TOLERANCE: ±0.15°
5. SURFACE QUALITY(S/D): 40/20
6. WAVEFRONT ERROR(RMS): $\lambda/6@633$ nm
7. COATING:
 - SPLITTING COATING(S1):
 Tabs = $70 \pm 8\%$, Rabs = $30 \pm 8\%$,
 Tabs + Rabs > 99%
 $|Ts - Tp| < 35\%$ and $|Rs - Rp| < 35\%$, 45° AOI
 - AR COATING(S2): Rabs < 1%, 400 nm-700 nm, 45° AOI
8. CHAMFER: <0.3 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2137-A			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER $\phi 25.4$ mm x 5.0 mm, 400-700 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.6 g	1:1	A