



NOTES

1. OPERATION WAVELENGTH: 450 nm–650 nm
2. CLEAR APERTURE: >90%CA
3. DIAMETER TOLERANCE: ± 0.25 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. SPLIT RATIO(R:T): 30:70
6. SURFACE QUALITY(S1,S2): 80/50(S/D)
7. SURFACE FLATNESS(S1,S2): $1.5\lambda @ 632.8$ nm
8. PARALLELISM(S1,S2): <10 arcsec
9. CHAMFER: <0.2 mm, 45°
10. COATING(S1): SPLITTING COATING $T_{avg}=70\% \pm 10\%$, $R_{avg}=30\% \pm 10\%$ 45° AOI
11. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS6737			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER $\phi=25.4$ mm \times 1.0 mm, 450 nm–650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Soda Lime	1.23 g	5:1	A