



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 = $30 \pm 8\%$, Rabs = $70 \pm 8\%$,
 - Tabs + Rabs > 99%
 - |Ts - Tp| < 35% and |Rs - Rp| < 35%, 45° AOI
 - AR COATING(S2): Rabs < 1%, 1100 nm-1650 nm, 45° AOI
8. CHAMFER: <0.3 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2173-C			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER Ø25.4 mm x 5.0 mm, 1100-1650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.6 g	1:1	A