



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):
  - $T_{abs} = 70 \pm 8\%$ ,  $R_{abs} = 30 \pm 8\%$ ,
  - $T_{abs} + R_{abs} > 99\%$
  - $|T_s - T_p| < 35\%$  and  $|R_s - R_p| < 35\%$ , 45° AOI
  - AR COATING(S2):  $R_{abs} < 1\%$ , 1100 nm-1650 nm, 45° AOI
8. CHAMFER: <0.3 mm, 45°

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	BS2137-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