



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): $\lambda/6@633 \text{ nm}$
7. COATING:
 - SPLITTING COATING(S1):
 - $T_{\text{abs}} = 90 \pm 8\%$, $R_{\text{abs}} = 10 \pm 8\%$
 - $T_{\text{abs}} + R_{\text{abs}} > 99\%$
 - $|T_{\text{s}} - T_{\text{p}}| < 35\%$ and $|R_{\text{s}} - R_{\text{p}}| < 35\%$, 45° AOI
 - AR COATING(S2): $R_{\text{abs}} < 1\%$, 700 nm-1100 nm, 45° AOI
8. CHAMFER: <0.3 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2119-B			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER Ø25.4 mm x 5.0 mm, 700-1100 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.6 g	1:1	A