



NOTES

1. CLEAR APERTURE: $>90\%$
2. DIAMETER TOLERANCE: $+0.0/-0.2\text{ mm}$
3. THICKNESS TOLERANCE: $\pm 0.2\text{ mm}$
4. WEDGE ANGLE TOLERANCE: $\pm 0.15^\circ$
5. SURFACE QUALITY(S/D): 40/20
6. WAVEFRONT ERROR(RMS): $\lambda/6@633\text{ nm}$
7. COATING:
 SPLITTING COATING(S1): $T_{\text{abs}}=50 \pm 8\%$, $a_{\text{bs}}=50 \pm 8\%$,
 $T_{\text{abs}}+R_{\text{abs}}>90\%$, $T_{\text{avg}}+R_{\text{avg}}>95\%$,
 $|T_p-T_s|<35\%$, $|R_p-R_s|<35\%$, $400-700\text{ nm}$, 45° AOI
 AR COATING(S2): $R_{\text{abs}}<1\%$, $400-700\text{ nm}$, 45° AOI
8. CHAMFER: $<0.2\text{ mm}$, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2155-A			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER $\phi 25.4\text{ mm} \times 5.0\text{ mm}$, $400-700\text{ nm}$			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.6 g	1:1	A