



ARROW POINTS TO THE SPLITTING COATING

NOTES

1. CLEAR APERTURE: >90%
2. DIAMETER TOLERANCE: ± 0.2 mm
3. THICKNESS TOLERANC: ± 0.05 mm
4. SURFACE QUALITY(S/D): 40/20
5. WAVEFRONT ERROR(RMS): $\lambda / 2 @ 633$ nm
6. COATING:
 - SPLITTING COATING(S1):
 - Tabs = $70 \pm 8\%$, Rabs = $30 \pm 8\%$,
 - Tabs + Rabs > 99%
 - $|T_s - T_p| < 35\%$ and $|R_s - R_p| < 35\%$, 45° AOI
 - AR COATING(S2): Rabs < 1%, 700 nm-1100 nm, 45° AOI
7. CHAMFER: < 0.3 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2R37-B			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER L x W x H=36.0 mm x 25.0 mm x 1.0 mm, 700-1100 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.98 g	1:1	A