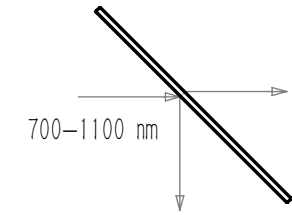


ARROW POINTS TO THE SPLITTING COATING



NOTES

1. CLEAR APERTURE: >90%
2. DIAMETER TOLERANCE: ± 0.2 mm
3. THICKNESS TOLERANCE: ± 0.05 mm
4. SURFACE QUALITY(S/D): 40/20
5. WAVEFRONT ERROR(RMS): $\lambda/2@633$ nm
6. COATING:
 - SPLITTING COATING(S1):
 - $T_{\text{abs}} = 90 \pm 8\%$, $R_{\text{abs}} = 10 \pm 8\%$
 - $T_{\text{abs}} + R_{\text{abs}} > 99\%$
 - $|T_s - T_p| < 35\%$ and $|R_s - R_p| < 35\%$, 45° AOI
 - AR COATING(S2): $R_{\text{abs}} < 1\%$, 700 nm–1100 nm, 45° AOI
7. CHAMFER: < 0.3 mm, 45°

DRAWING PROJECTION			LBTEK			
NAME	DATE					
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