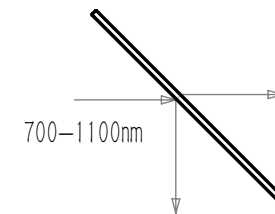


ARROW POINTS TO THE SPLITTING COATING



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. SURFACE FLATNESS: $\lambda/2@632.8$ nm
6. COATING:
 SPLITTING COATING(S1): $T_{abs}=50 \pm 8\%$, $R_{abs}=50 \pm 8\%$,
 $T_{abs}+R_{abs}>90\%$, $T_{avg}+R_{avg}>95\%$,
 $|T_p-T_s|<35\%$, $|R_p-R_s|<35\%$, 700 nm -1100 nm, 45° AOI
7. AR COATING(S2): $R_{avg}<1\%$, 700 nm -1100 nm, 45° AOI
8. CHAMFER: <0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
NAME	DATE					
			BS2R55-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