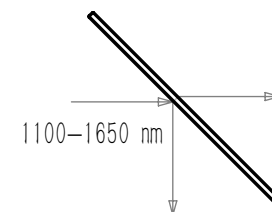


ARROW POINTS TO THE SPLITTING COATING



NOTES

1. CLEAR APERTURE: >90%
2. DIAMETER TOLERANCE:  $\pm 0.2$  mm
3. THICKNESS TOLERANC:  $\pm 0.05$  mm
4. SURFACE QUALITY(S/D): 40/20
5. WAVEFRONT ERROR(RMS):  $\lambda/2@633$  nm
6. COATING:
  - SPLITTING COATING(S1):
    - Tabs =  $90 \pm 8\%$ , Rabs =  $10 \pm 8\%$
    - Tabs + Rabs > 99%
    - $|T_s - T_p| < 35\%$  and  $|R_s - R_p| < 35\%$ , 45° AOI
  - AR COATING(S2): Rabs < 1%, 1100 nm-1650 nm, 45° AOI
7. CHAMFER: < 0.3 mm, 45°

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	BS2R19-C			
DRAWN	LZHOU	Aug./5th/24	FLAT BEAM SPLITTER L x W x H=36.0 mm x 25.0 mm x 1.0 mm, 1100-1650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.98 g	1:1	A