



NOTE:

1. CLEAR APERTURE:  $>90\%$
2. 1. DIAMETER TOLERANCE:  $+0.0/-0.2$  mm
3. 2. THICKNESS TOLERANCE:  $\pm 0.1$  mm
4. 3. SURFACE FLATNESS:  $< 3'$
5. 4. SURFACE QUALITY(S/D): 40/20
6. 5. WAVEFRONT ERROR(RMS):  $\lambda/10@633$  nm
7. 6. COATING: SPLITTING COATING(S1):  
(S1): Tabs= $5 \pm 2\%$ , Rabs= $95 \pm 2\%$ ,  
8. Tabs+Rabs  $> 90\%$ , Tav $g$ +Rav $g$   $> 95\%$ ,  
9.  $780 \pm 2$  nm, AOI= $45^\circ$
10. AR COATING(S2): Rabs  $< 1\%$ ,  $780 \pm 2$  nm, AOI= $45^\circ$
10. CHAMFER:  $< 0.2$  mm, 45

DRAWING PROJECTION			<b>LBTEK</b>			
NAME	DATE	BSF210191-780-SP				
DRAWN	BSHU	Feb. /3rd/24	NON-BIASED FLAT BEAM SPLITTERS			
APPROVAL	WCHENG	Feb. /3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	8.6 g	5:1	A