



NOTE:

1. CLEAR APERTURE: $>90\%$
2. 1. DIAMETER TOLERANCE: $+0.0/-0.2$ mm
3. 2. THICKNESS TOLERANCE: ± 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= $50 \pm 3\%$, Rabs= $50 \pm 3\%$,
8. Tabs+Rabs $> 90\%$, Tavg+Ravg $> 95\%$,
9. 780 ± 2 nm, AOI= 45°
10. AR COATING(S2): Rabs $< 1\%$, 780 ± 2 nm, AOI= 45°
10. CHAMFER: < 0.2 mm, 45

DRAWING PROJECTION			LBTEK			
NAME	DATE	BSF21011-780-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