



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\varnothing 25.4 +0/-0.1\text{ mm}$
3. ELEMENT THICKNESS:  $3.2 \pm 0.05\text{ mm}$
4. CLEAR APERTURE:  $\varnothing 21.5\text{ mm}$
5. WORKING WAVELENGTH:  $532\text{ nm}$
6. SURFACE QUALITY: 40/20
7. TRANSMITTANCE:  $>97\%$
8. SPLITTING MODE:  $2 \times 3$
9. SEPARATION ANGLE:  $0.25^\circ \times 0.15^\circ$
10. AR COATING(S1, S2):  $R_{\text{avg}} < 0.5\% @ 400-700\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	LCBS25-532-0203-025015			
DRAWN	SHAN	SEP./3rd/24	Liquid Crystal Beam Splitter			
APPROVAL	XLIU	SEP./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	0.004 Kg	2:1	B