



NOTES:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER: $\phi 50.8 +0/-0.1$ mm
3. ELEMENT THICKNESS: 3.2 ± 0.1 mm
4. TRIMMING WIDTH: 2 ± 0.1 mm
5. OPTICAL APERTURE: $\phi 45$ mm
6. WORKING WAVELENGTH: 850 nm
7. RETARDANCE: $\lambda/2$
8. SURFACE QUALITY (S/D): 60/40
9. AR COATING (S1, S2): $R_{avg} < 0.7\% @ 700-1100$ nm
10. THE FAST AXIS IS PARALLEL TO THE TRIMMING DIRECTION

DRAWING PROJECTION			LBTEK			
	NAME	DATE	HWP51-850A			
DRAWN	SHAN	NOV./8th/24	Half Wave Plate			
APPROVAL	WCHENG	NOV./8th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	16.28 g	1:1	A