



NOTES:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\phi 50.8 +0/-0.1$  mm
3. ELEMENT THICKNESS:  $3.2 \pm 0.1$  mm
4. TRIMMING WIDTH:  $2 \pm 0.1$  mm
5. OPTICAL APERTURE:  $\phi 45$  mm
6. WORKING WAVELENGTH: 850 nm
7. RETARDANCE:  $\lambda/4$
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			<b>LBTEK</b>			
	NAME	DATE	QWP51-850A			
DRAWN	SHAN	NOV./8th/24	Quarter 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