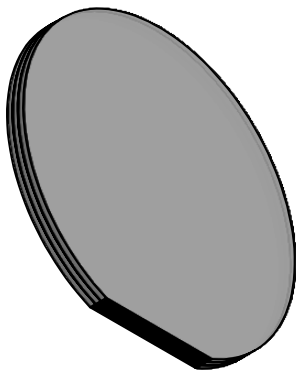


NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. COMPONENT SIZE:  $\varnothing 50.8 +0/-0.1 \text{ mm}$
3. COMPONENT THICKNESS:  $3.0 \pm 0.05 \text{ mm}$
4. EDGE WIDTH:  $2.0 \pm 0.05 \text{ mm}$
5. WORKING WAVELENGTH: 700–1100 nm
6. RETARDANCE:  $\lambda/4$
7. RETARDANCE UNIFORMITY:  $\pm 5 \text{ nm}$
8. RETARDANCE PRECISION:  $\pm \lambda/30@700-730 \text{ nm} \ \& \ 1030-1100 \text{ nm}$   
 $\pm \lambda/50@730-780 \text{ nm} \ \& \ 930-1030 \text{ nm}$   
 $\pm \lambda/80@780-930 \text{ nm}$
9. SURFACE FINISHMENT (S/D) : 60/40
10. AR COATING (S1, S2) :  $R_{\text{avg}} < 0.5\% @ 700-1100 \text{ nm}$



DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	AQWP51-SNIR-A			
DRAWN	SHAN	JUL./16th/24	Achromatic Quarter-Wave Plate			
APPROVAL	WCHENG	JUL./16th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			LCP/N-BK7	0.015 Kg	1:1	C