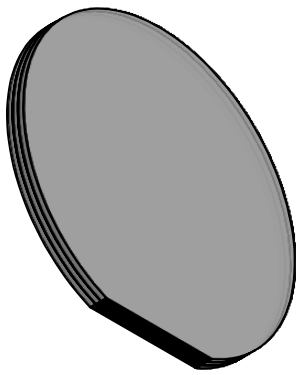


NOTE:

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: $\lambda/2$
7. RETARDANCE UNIFORMITY: $\pm 5 \text{ nm}$
8. RETARDANCE PRECISION: $\pm \lambda/30@700-750 \text{ nm}$
 $\pm \lambda/50@750-850 \text{ nm}$
 $\pm \lambda/100@850-1100 \text{ nm}$
9. SURFACE FINISHMENT (S/D) : 60/40
10. AR COATING (S1, S2) : $R_{\text{avg}} < 0.5\% @ 700-1100 \text{ nm}$



DRAWING PROJECTION			LBTEK			
	NAME	DATE	AHWP51-SNIR-A			
DRAWN	SHAN	JUL./16th/24	Achromatic Half-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