



	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	SM05R	ANODIZED ALUMINIUM
③	HWP13-1310A	LCP/N-BK7

NOTES:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\phi 12.7 +0/-0.1$  mm
3. ELEMENT THICKNESS:  $3.2 \pm 0.1$  mm
4. OPTICAL APERTURE:  $\phi 10$  mm
5. WORKING WAVELENGTH: 1310 nm
6. RETARDANCE:  $\lambda/2$
7. SURFACE QUALITY (S/D): 40/20
8. AR COATING (S1, S2) :  $R_{\text{avg}} < 1.2\%$   
@700-1700 nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	HWP13-1310A-M			
DRAWN	SHAN	NOV./7th/24	Half Wave Plate			
APPROVAL	WCHENG	NOV./7th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7/LCP	3.94g	3:1	A