



	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	SM05R	ANODIZED ALUMINIUM
③	HWP13-780A	LCP/N-BK7

NOTES:

- COMPONENT MATERIAL: LCP/N-BK7
- ELEMENT DIAMETER:  $\phi 12.7 +0/-0.1$  mm
- ELEMENT THICKNESS:  $3.2 \pm 0.1$  mm
- OPTICAL APERTURE:  $\phi 10$  mm
- WORKING WAVELENGTH: 780 nm
- RETARDANCE:  $\lambda / 2$
- SURFACE QUALITY (S/D): 40/20
- AR COATING (S1, S2) :  $R_{avg} < 0.7\%$   
@700-1100 nm

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	HWP13-780A-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