



NOTE:

1. MATERIAL QUALITY: Nematic Liquid Crystal/N-BK7
2. CLEAR APERTURE:  $\varnothing 20$  mm
3. OPERATION WAVELENGTH: 1100-1700 nm
4. SURFACE QUALITY: 60/40
5. RETARDANCE:  $0-\lambda/2$
6. AR COATING(S1, S2):  $R_{avg} < 0.5\%$  @ 1100-1700 nm
7. TRANSMISSION:  $> 88\%$  @ 1100-1350 nm  
 $> 90\%$  @ 1350-1700 nm
8. OPERATION TEMPERATURE:  $-20 \sim 45$  °C

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	LCVR-H20C-C			
DRAWN	SHAN	SEPT./3rd/24	Liquid Crystal Variable Retarder			
APPROVAL	WCHENG	SEPT./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Nematic Liquid Crystal /N-BK7	17.22 g	1:1	B