



NOTE:

1. MATERIAL QUALITY: Nematic Liquid Crystal/N-BK7
2. CLEAR APERTURE: $\varnothing 20$ mm
3. OPERATION WAVELENGTH: 1100-1700 nm
4. SURFACE QUALITY: 40/20
5. RETARDANCE: ~ 100 nm- $\lambda/2$
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			LBTEK			
	NAME	DATE	LCVR-H20-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