

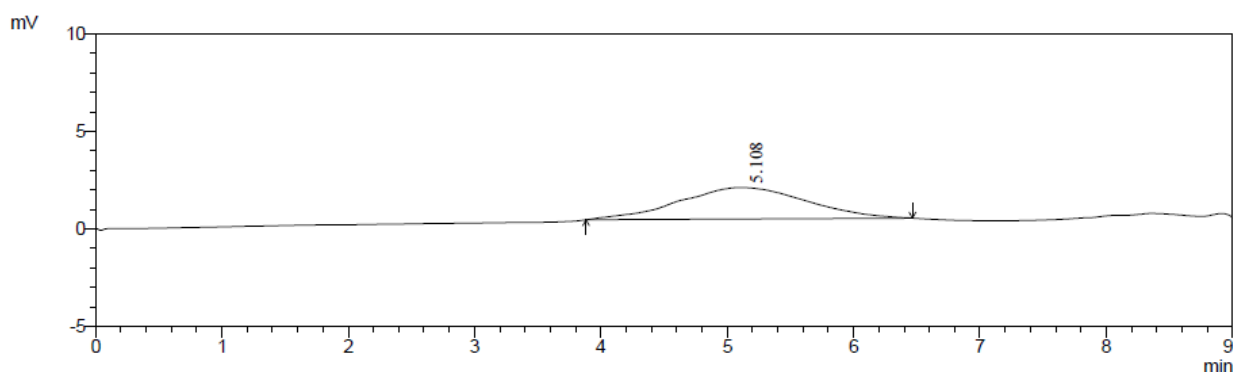
Supporting Information

A tunable light scattering device fabricated using pseudopeptide polymer incorporated chiral nematic liquid crystal

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GPC Calculation Results

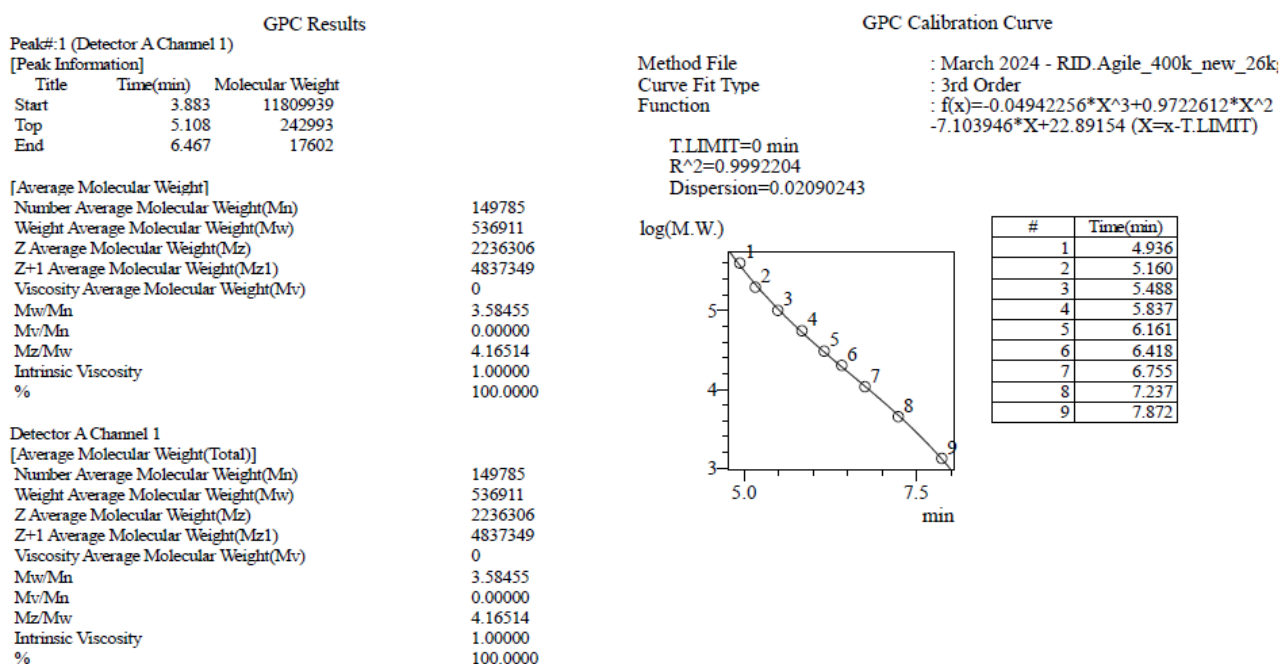


Figure S1. GPC analysis of the polymer

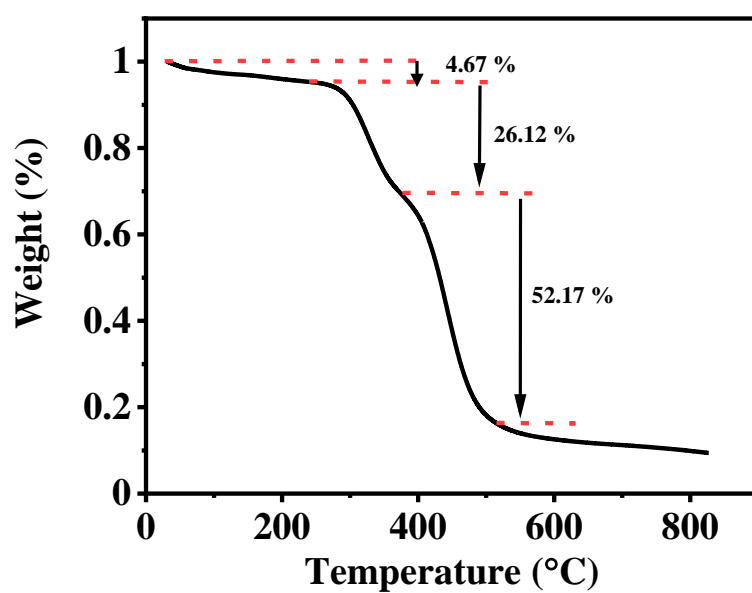


Figure S2. Thermogravimetric analysis (TGA) of NBFoMe Polymer

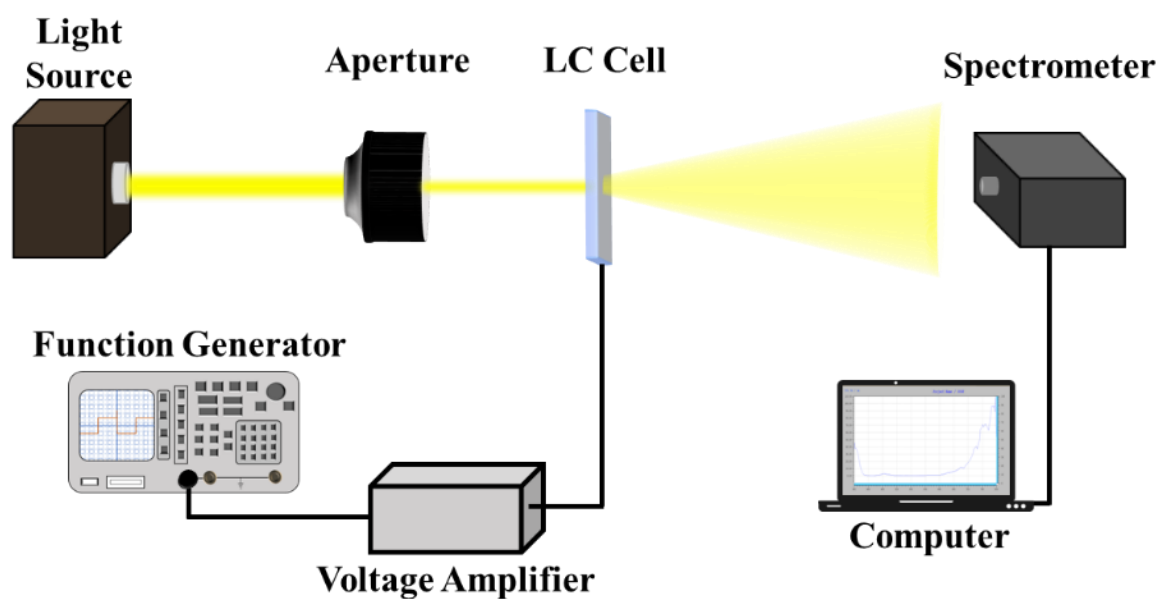


Figure S3. Schematic diagram of the set-up to measure the wavelength-dependent direct transmittance measurement.

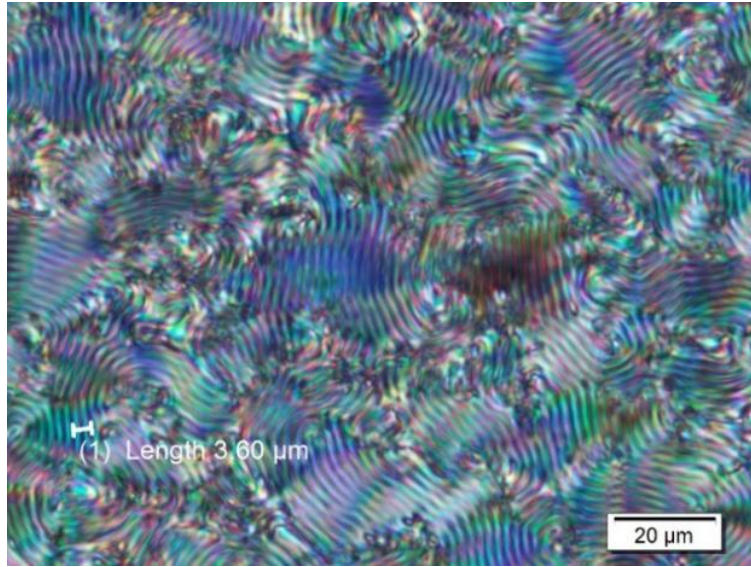


Figure S4. Optical texture of the 96:04 wt. % E7:CB15 LC in unaligned LC cell.

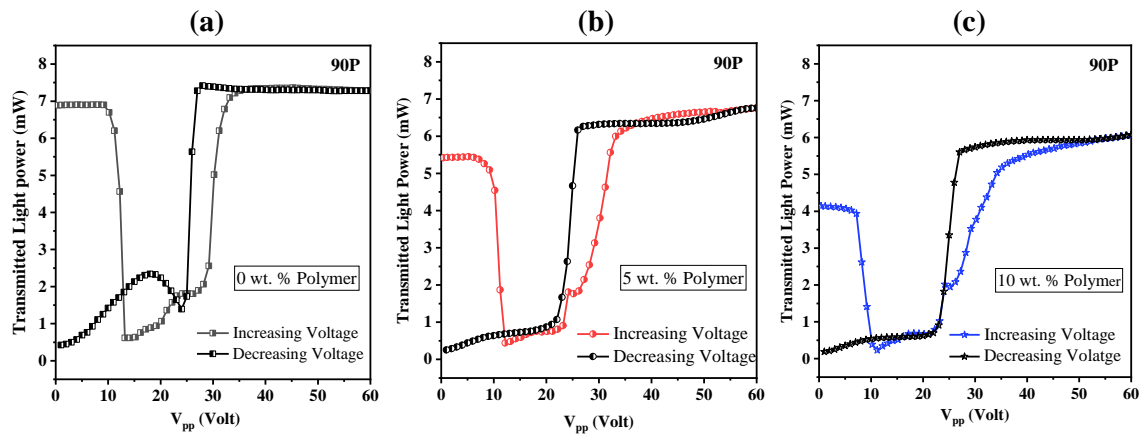


Figure S5. The direct transmission of the He-Ne laser beam passes through the LC cell for 90P polarization state with increasing and decreasing voltage.

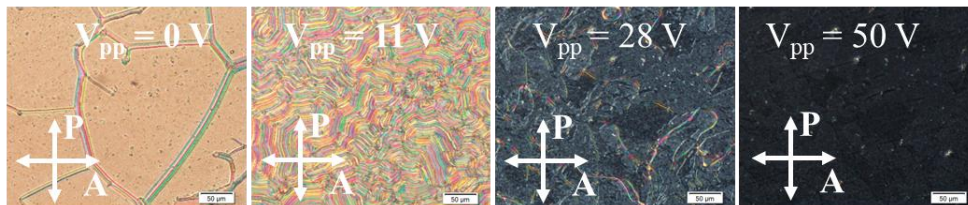


Figure S6. Optical texture of the 10 wt. % polymer LC cell after 8 months of the fabrication

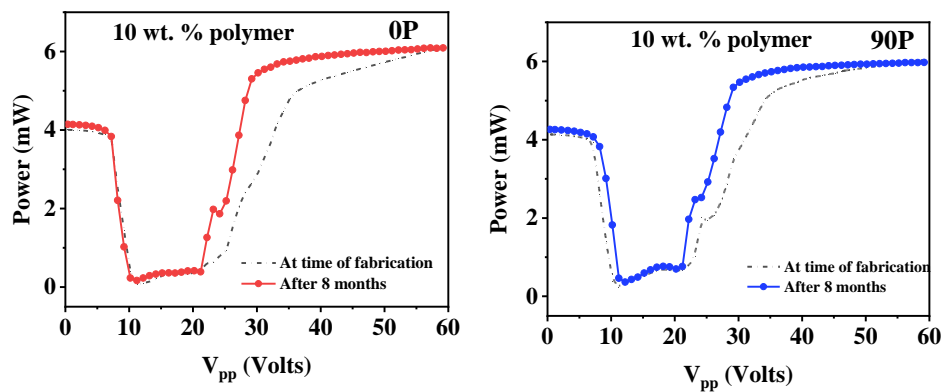


Figure S7. Voltage-dependent direct light transmission of the 10 wt. % polymer LC cell at the time of the fabrication and after 8 months of the fabrication. The frequency of the square wave is 1kHz.