Supporting Information

Low energy consumption and fast electro-optic switching in polymer-confined ferroelectric nematics

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Figures S1 to S2

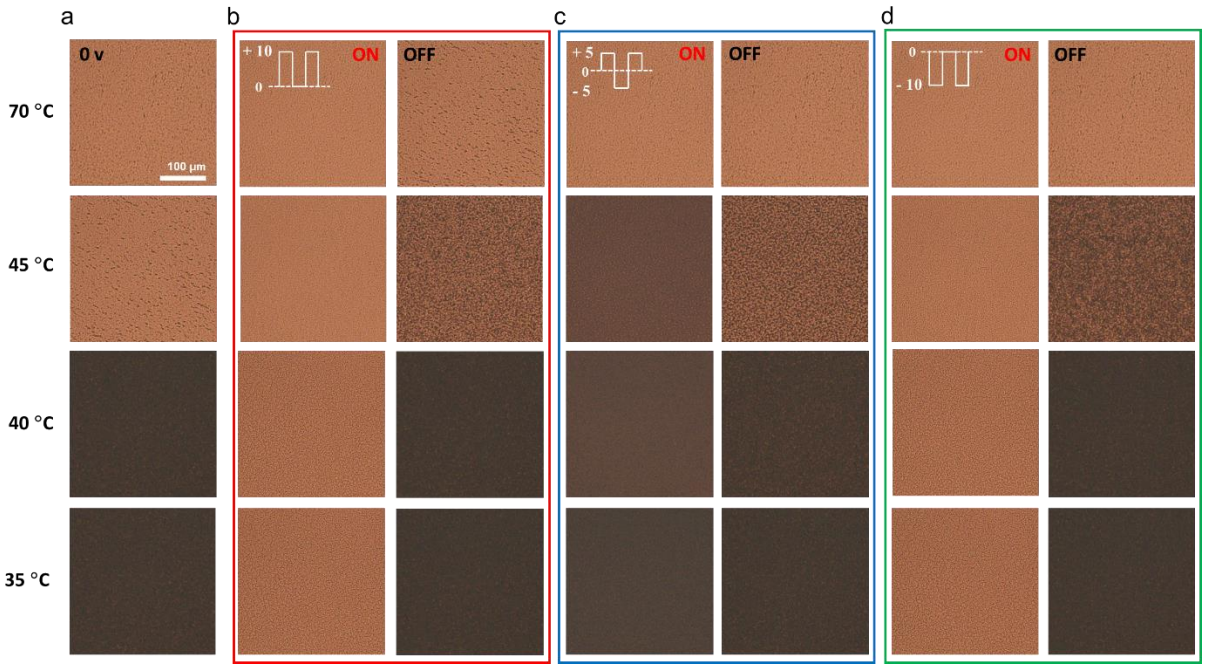

Fig. S1. Polarizing optical microscopy (POM) images of the polymerized sample without polarizer at different temperatures. (a) before applying electric field (EF). ON and OFF states upon application of (b) positive square wave EF, (c) simultaneous positive and negative waveform, (d) negative square wave EF. The cell thickness is $d = 20\ \mu\text{m}$.

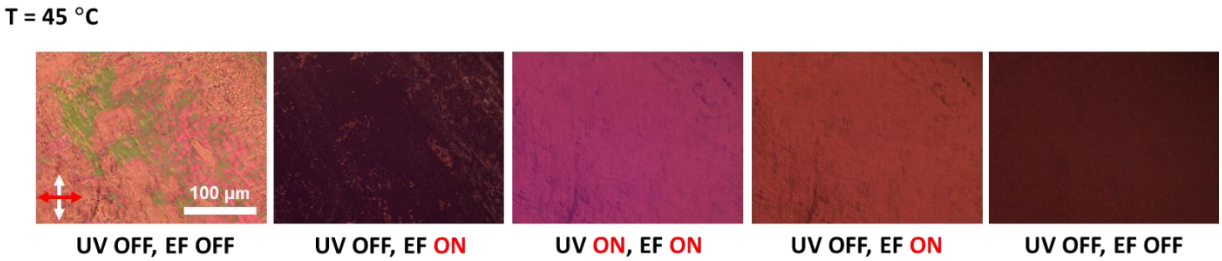

Fig. S2. Polarizing optical microscopy (POM) images of the polymerized sample with crossed polarizers during polymerization at T= 45 °C. The cell thickness is $d = 20\ \mu\text{m}$.