

Description of Additional Supplementary Files

File Name: Supplementary Movie 1:

Description: The PLM observation of the time evolution of the toroidal polarisation topology under crossed polarizers. The video speed is 10x faster than the real observation. The concentration of R811 in RM-OC₂ is 0.5 wt%. The thickness of the homemade cell is 3.2 μm . The image size is 200 $\mu\text{m} \times 200 \mu\text{m}$.

File Name: Supplementary Movie 2:

Description: The PLM observation of the time evolution of the toroidal polarisation topology. The video speed is 16x faster than the real observation. A square-wave electric-field of $E = \pm 4 \times 10^{-3} \text{ V } \mu\text{m}^{-1}$ and field-periodicity of 240 s is applied in the horizontal direction. When switching off the DC field, the polarisation field equilibrates back to the initial state. The image size is 420 $\mu\text{m} \times 420 \mu\text{m}$.