Supplementary Materials: Structures of nematic and cholesteric layers with tangential-conical boundary conditions

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Figure S1. POM photos of nematic layer taken using polarized light. The angle between rubbing direction of PVA film and polarizer is 0° (a), 45° (b) and 90° (c). The polarizer direction is indicated by the double arrow and the single arrow is the rubbing direction of PVA film.

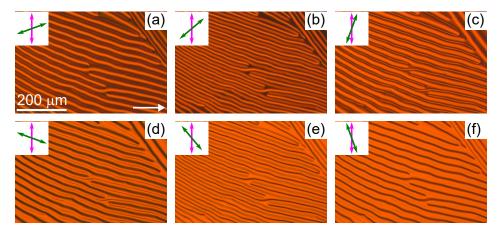


Figure S2. POM photos of cholesteric layer with confinement ratio d/p = 0.44 are taken using the interference filter ($\lambda = 602$ nm). The angle between analyzer and rubbing direction of PVA film is -10° (a), -40° (b), -70° (c), 20° (d), 50° (e), 70° (f). Polarizer is perpendicular to the rubbing direction. LC layer thickness is $6.5 \, \mu$ m.