

Supporting Information for
”Self-Assembled Chiral Photonic Crystal from a Colloidal Helix Racemate”

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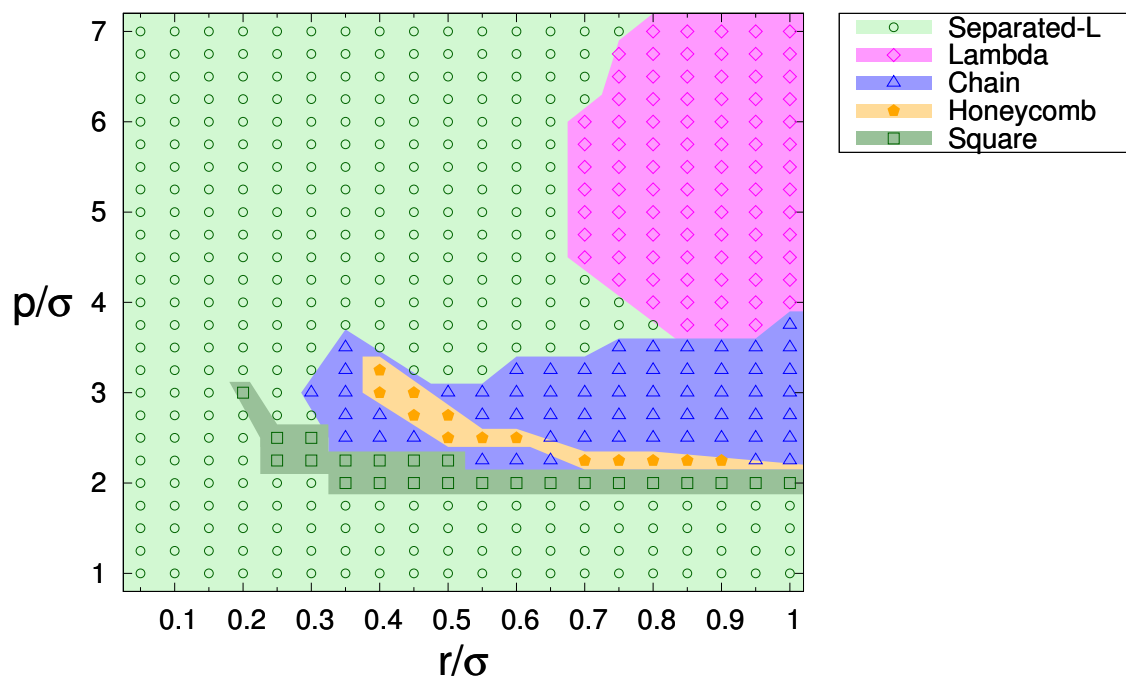


FIG. S1: Close-packed phase diagram of helices racemate obtained through MC annealing simulations.

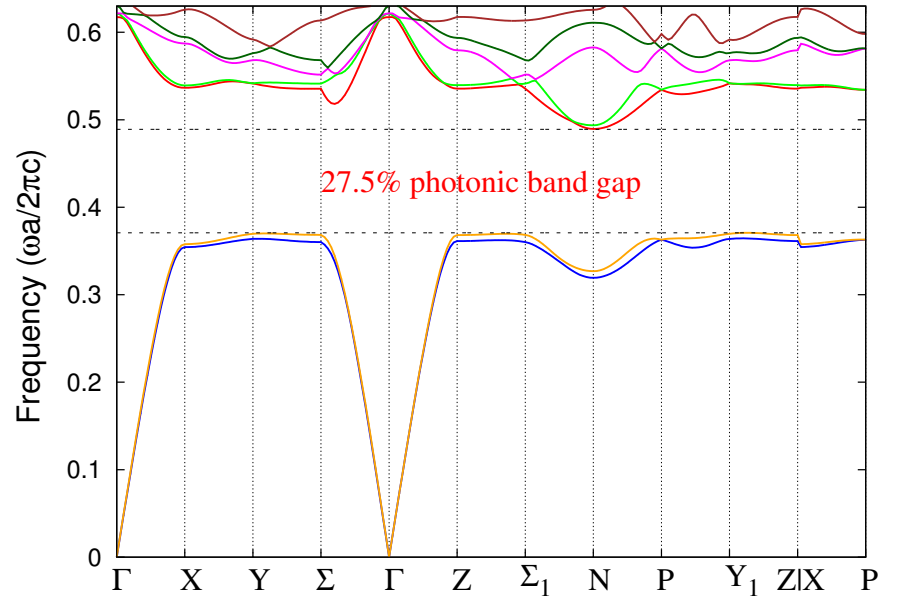
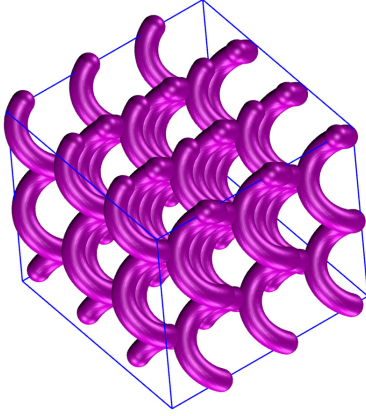


FIG. S2: Photonic band structures for bandgap-optimized half-square crystal with $[r, p] = [0.9\sigma, 4.95\sigma]$ at dielectric contrast $\epsilon_r = 12$. This structure has diamond symmetry, i.e., $p = \sqrt{2}a$.