

Supplementary materials for “Free-standing, flexible thermochromic films based on one-dimensional magnetic photonic crystals”

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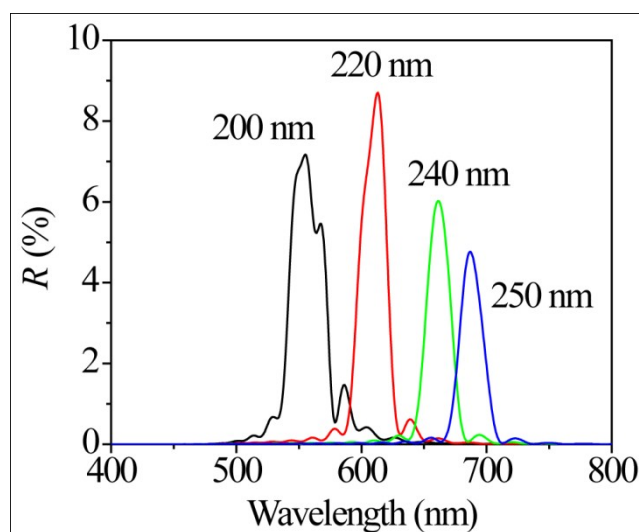


Fig. S1 Simulated reflection spectra of a tetragonal column structure containing a single photonic crystal chain with different neighboring interparticle distances. The particle diameter is 150 nm. Particle number is 30, corresponding to the chain length from 6.0 to 7.5 μm .

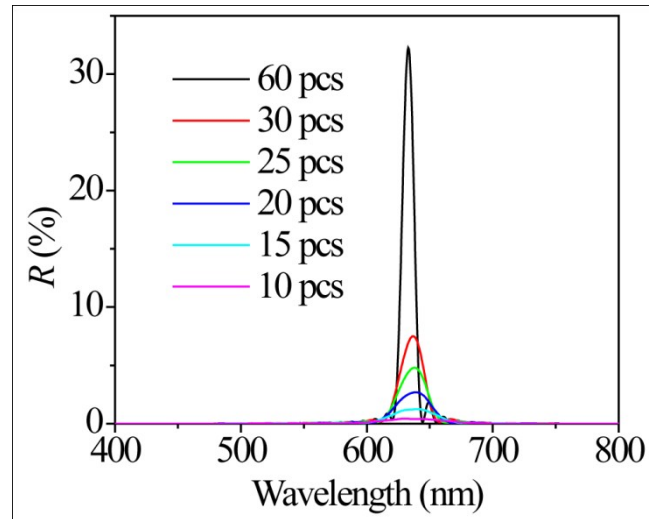


Fig. S2 Reflection spectra of a tetragonal column structure containing a single photonic crystal chain whose particle number varies from 10 to 60, corresponding to the chain length from 2.5 to 15 μm . The particle diameter is 150 nm. The distances between the neighboring particles are all 230 nm.