Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Electronic Supporting Information

Chemiluminescence Emission in Cholesteric Liquid Crystalline Core-shell Microcapsules

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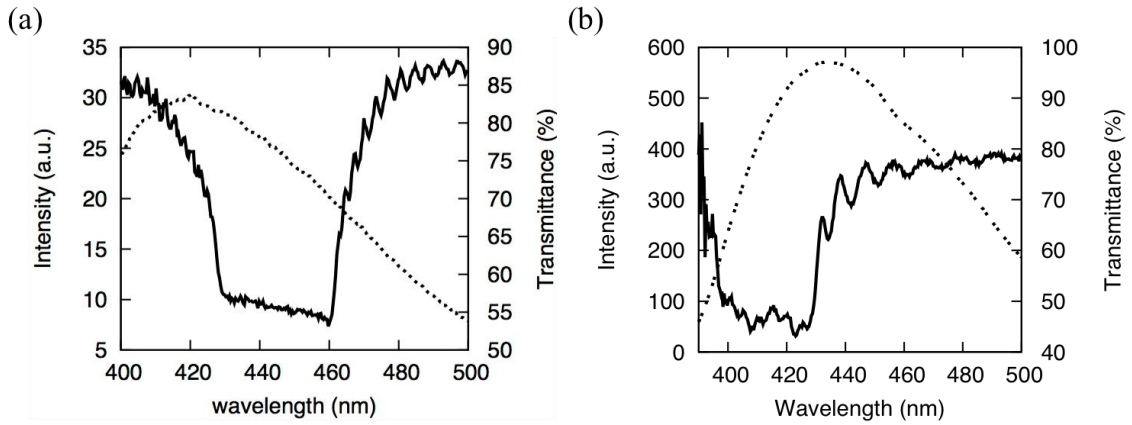

Figure S1. Transmittance spectra of the CLC mixture **1** (solid line) (a), CLC mixture **2** (solid line) (b) and emission spectra (Intensity vs. Wavelength) of luminol (broken line).

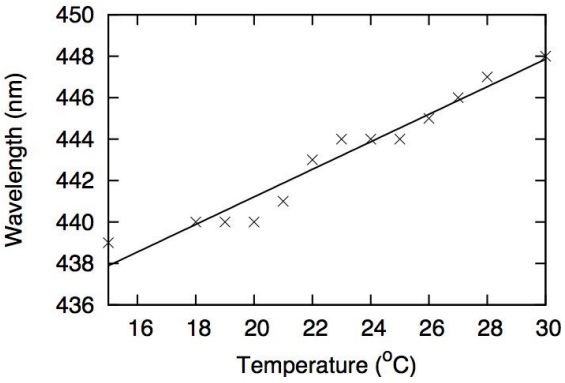

Figure S2. Temperature dependence of the PBG center wavelength of the CLC materials used.

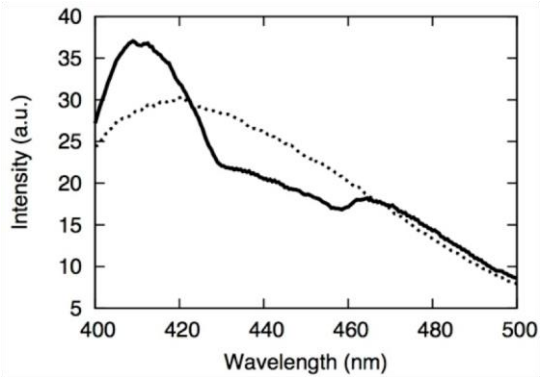

Figure S3. Emission spectra (Intensity vs. Wavelength) of luminol with CLC reflectors (solid line) and without the reflectors (broken line).

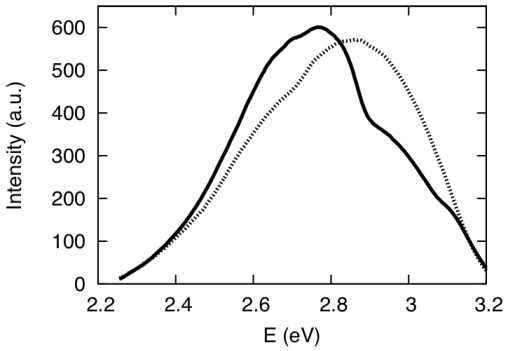

Figure S4. Emission spectra (Intensity vs. Wavelength) of luminol with CLC reflectors (solid line) and without the reflectors (broken line). The PBG of CLC was lower than the maximum emission intensity of luminol reaction.

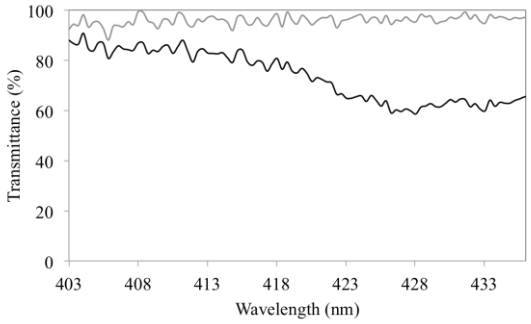

Figure S5. Transmittance spectra of CLC (black line) and NLC (grey line).