Supporting Information

**CuInS$_2$/ZnS Quantum Dot-Embedded Polymer Nanofibers for Color Conversion Films**

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Materials. Copper iodide (CuI, 99.999%), indium acetate (In(Ac)$_3$, 99.99%), 1-dodecanethiol (DDT, 98%), Zn acetate, 1-octadecene (ODE, 90%), oleic acid (OA, and polystyrene (PS, ) are purchased from Sigma-Aldrich Inc. All reagents used in this study were purchased at analytical reagent grade and used for synthesis without further purification.

Photoluminescence Quantum Yield (PL QY) Measurement. PL QY at room temperature were determined by comparing the integrated emission of the QDs in solution with the emission intensity of a reference, Rhodamine 6G, in ethanol (95% of QY) at an optical density of 0.1. QYs were calculated from the following equation

$$QY = QY_R \left( \frac{I}{I_R} \right) \left( \frac{OD_R}{OD} \right) \left( \frac{n^2}{n_R^2} \right)$$

(1)

where $I$ and $I_R$ are the integrated fluorescence intensities, $OD_R$ and $OD$ are the optical densities at the 450 nm excitation wavelength, and $n$ and $n_R$ are the refractive index of solvent.

Figure S1. N. Kim et al.

Reference