

Supplementary Information

Stretchable, Alternating-Current-Driven White Electroluminescent Device
Based on Bilayer-Structured Quantum-Dot-Embedded
Polydimethylsiloxane Elastomer

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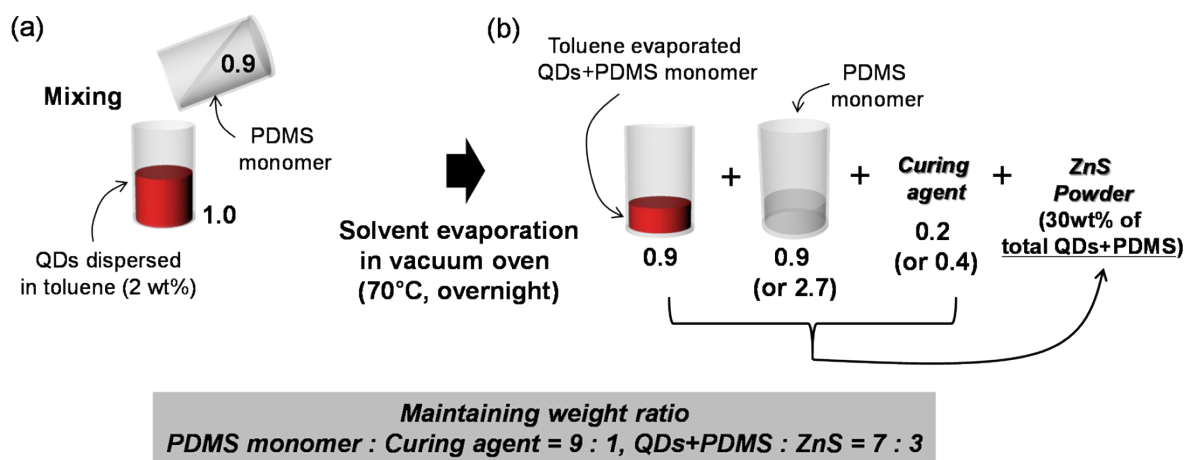


Figure S1. Schematic of the QDs+ZnS+PDMS solution preparation process. a) The QD solution (20 mg/ml, dispersed in toluene) and liquid PDMS were mixed at a weight ratio of 1:0.9. After evaporating the toluene at 70°C overnight in a vacuum oven, b) the QDs+PDMS and liquid PDMS were again mixed at a weight ratio of 1:0.9, a blue-green phosphor was uniformly mixed, and then, a curing agent (0.2) was added at a total weight ratio of 7:3 (QDs+PDMS:phosphor).

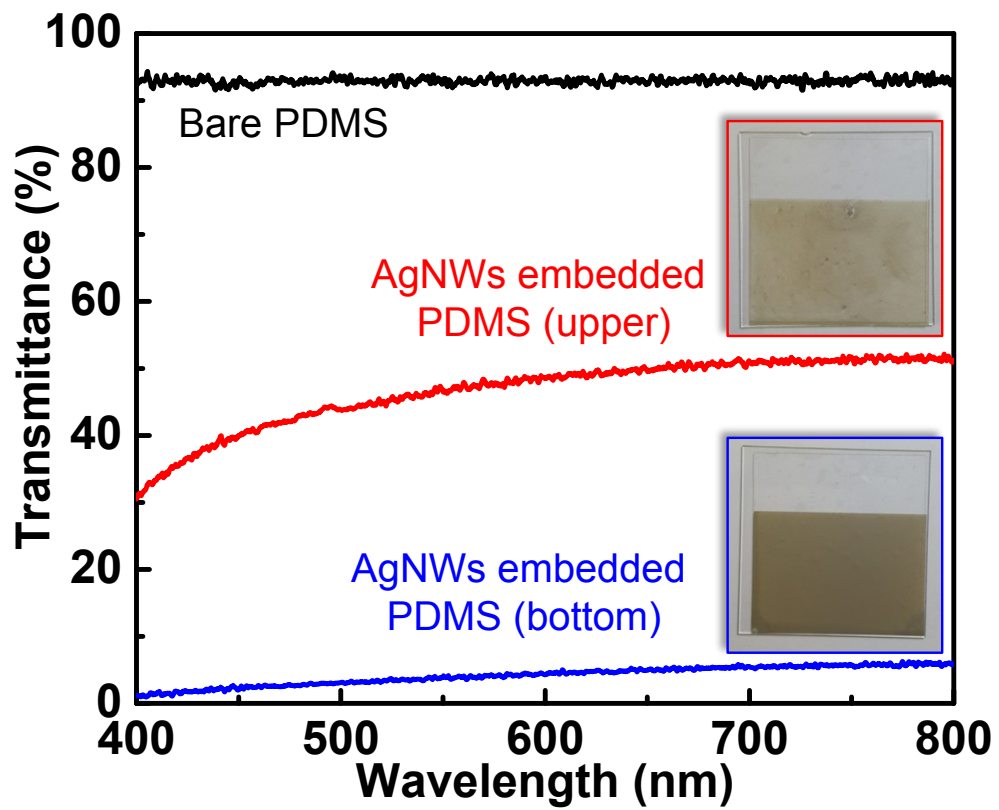


Figure S2. Transmittance spectra and photographs of the AgNW-embedded PDMS layers.