

Supplementary Materials:

Study on Scattering and Absorption Properties of Quantum-Dot-Converted Elements for Light-Emitting Diodes Using Finite-Difference Time-Domain Method

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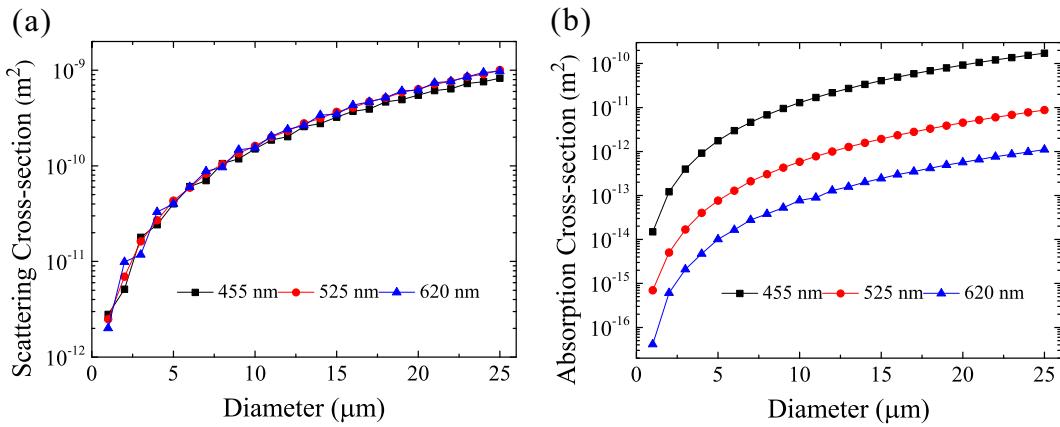


Figure S1. Scattering and absorption cross-sections of YAG phosphors.

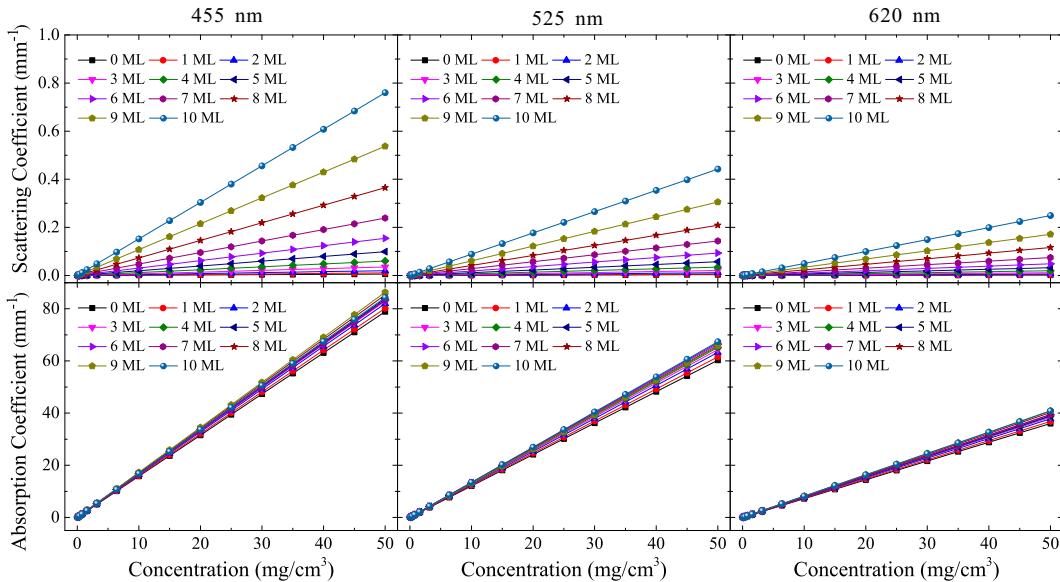


Figure S2. Scattering and absorption coefficients of quantum-dot-converted elements (QDCE) with 4.2 nm (5 molecule layers) CdSe/ZnS QDs. (MLs: molecular layers.)

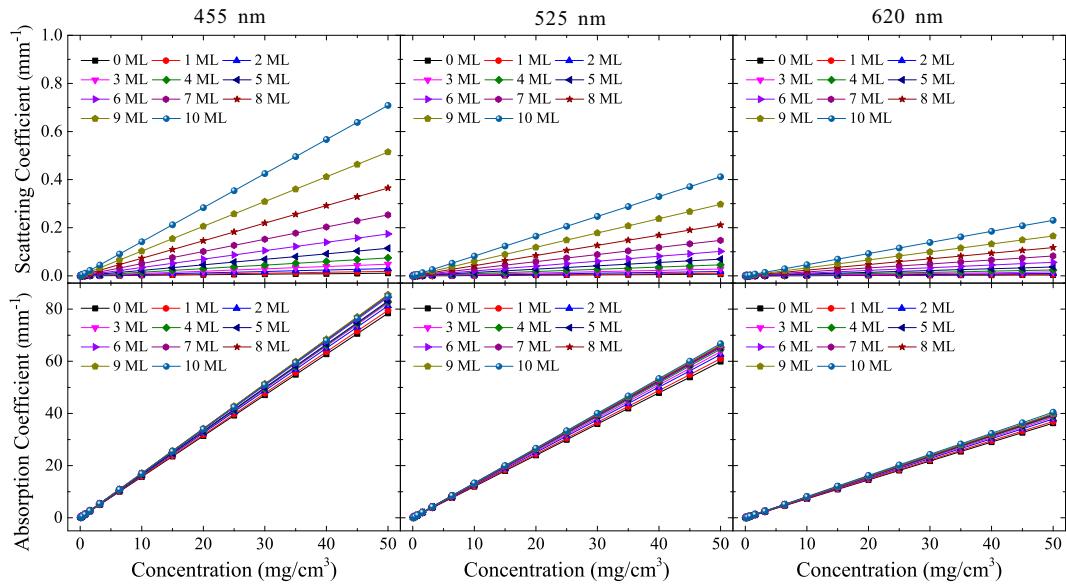


Figure S3. Scattering and absorption coefficients of quantum-dot-converted elements (QDCE) with 5.2 nm CdSe/ZnS quantum dots (QD). (MLs: molecular layers.)

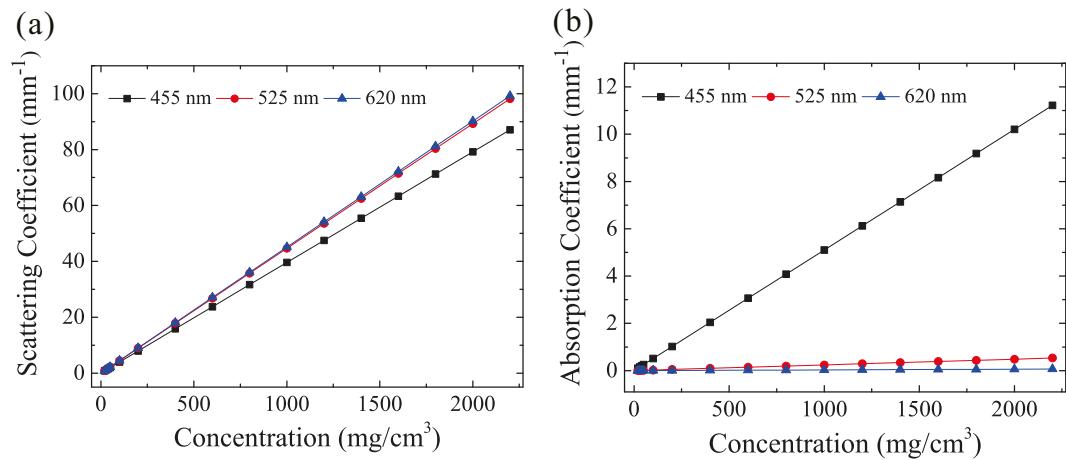


Figure S4. (a) Scattering and (b) absorption coefficients of phosphor-converted elements (PCE).