Supporting information

Near-infrared light-emitting electrochemical cells based on a Molecular Ruby

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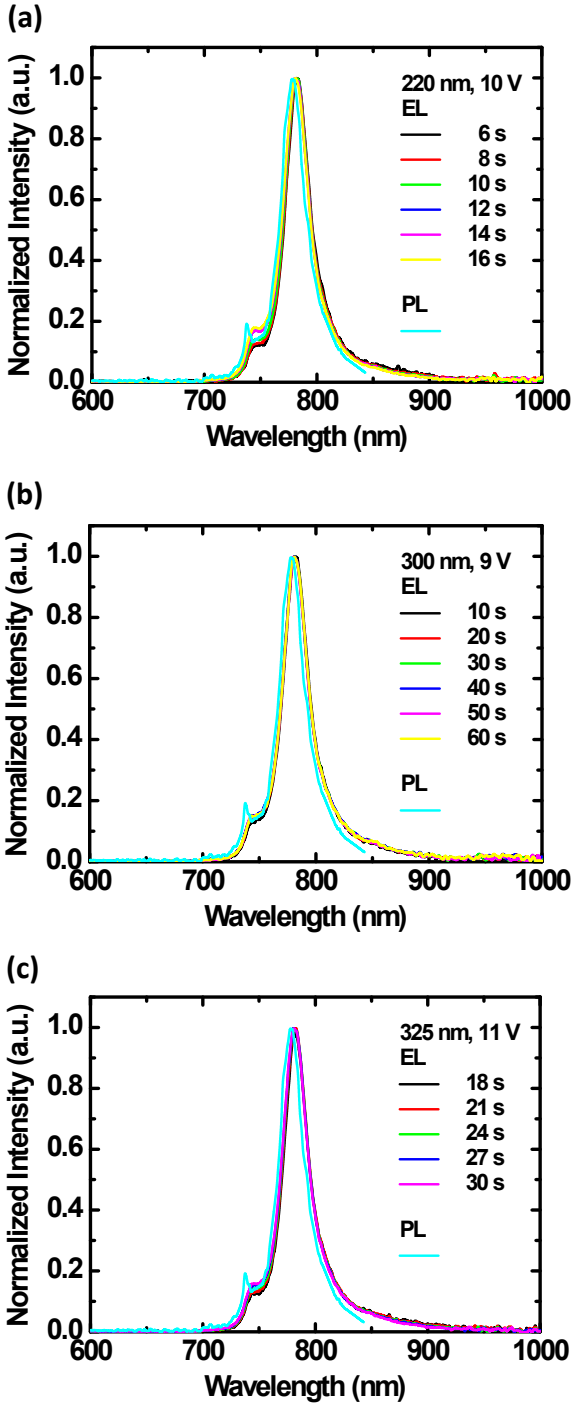

Figure S1. Time-dependent EL spectra for the LECs based on complex **1** with emissive layers of (a) 220 nm, (b) 300 nm, and (c) 325 nm. Applied bias voltages are indicated in each subfigure. The PL spectrum of the emissive layer is included for comparison.

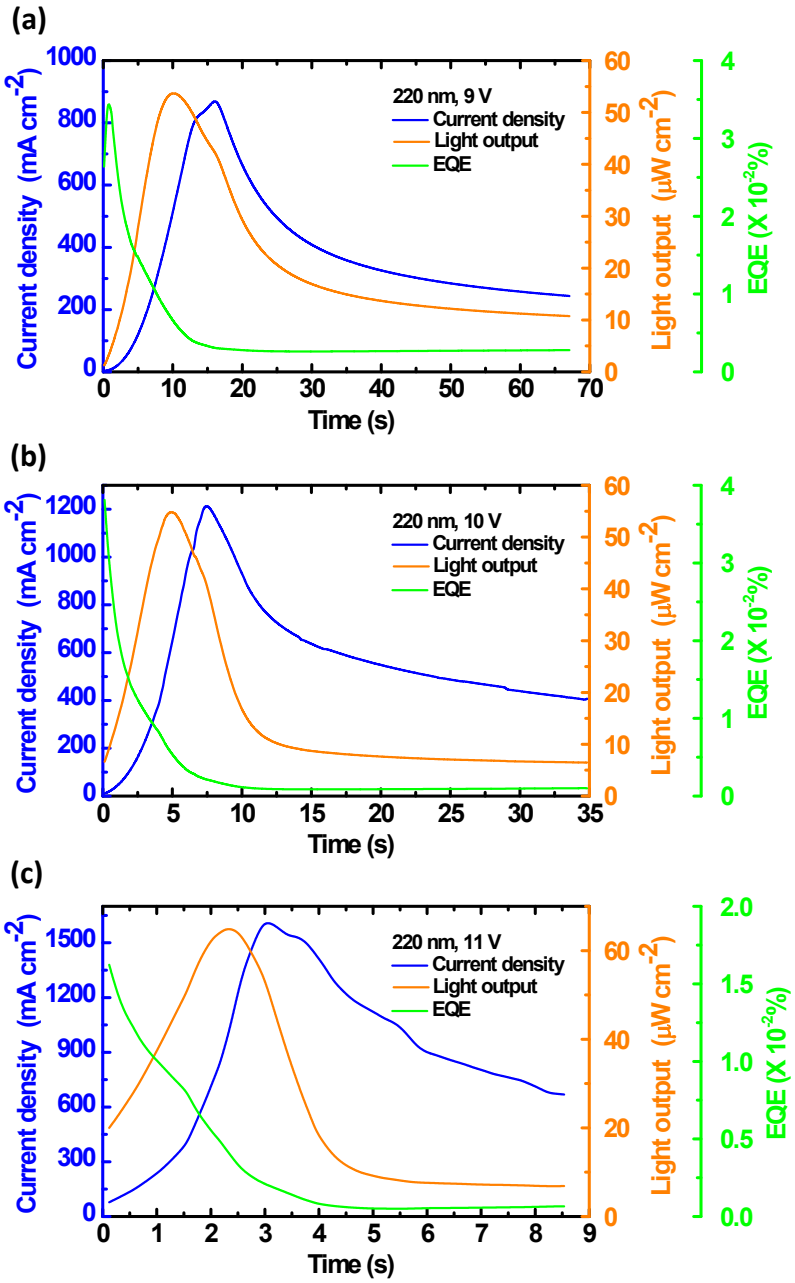

Figure S2. Temporal evolution of current density, light output, and EQE for the LECs based on complex **1** with 220 nm emissive layers, operated at bias voltages of (a) 9, (b) 10, and (c) 11 V.

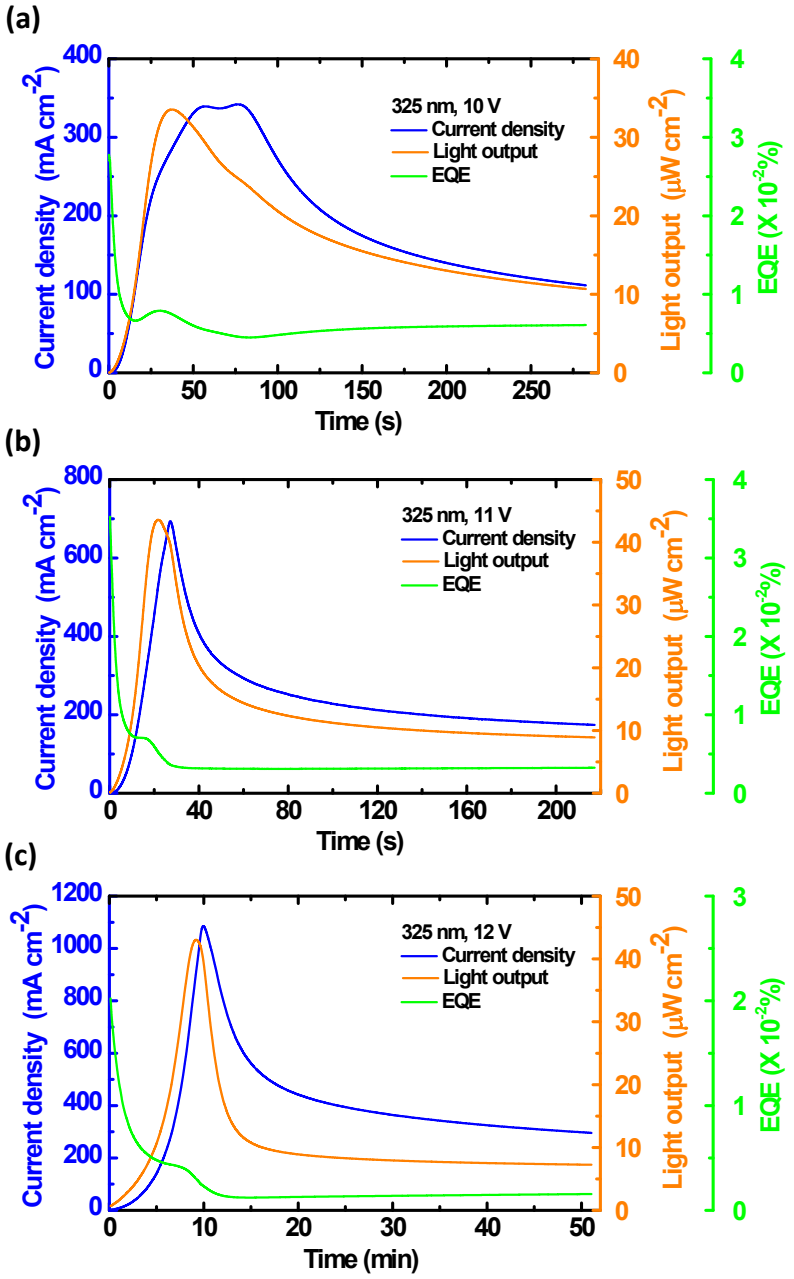

Figure S3. Temporal evolution of current density, light output, and EQE for the LECs based on complex **1** with 325 nm emissive layers, operated at bias voltages of (a) 10, (b) 11, and (c) 12 V.

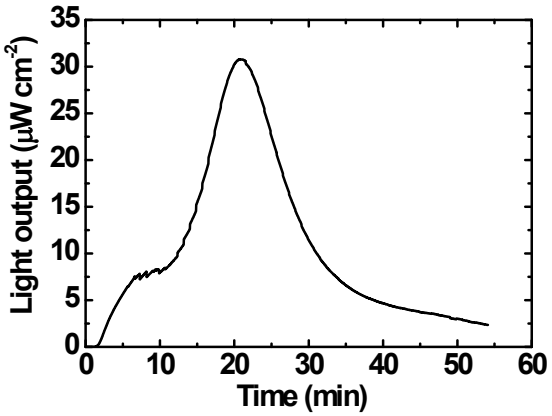

Figure S4. Temporal evolution of light output for the host-only LEC with 220 nm emissive layer, operated at bias voltages of 3.5 V.