Fig. S1 Whiteness and yellow index of KrF excimer laser bleached cotton fabrics (LF) as a function of irradiation time. Reagents: (a) 6 wt% $\text{H}_2\text{O}_2$ (aq), (b) 2 wt% (259 mM) $\text{Na}_2\text{O}_2$ (aq), (c) 2 wt% $\text{H}_2\text{NCONH}_2\cdot\text{H}_2\text{O}_2$ (aq), and (d) 6 wt% TMSOOTMS (aq). Whiteness: black symbols, yellow index: white symbols. Laser bleaching condition: 40 mJ cm$^{-2}$ pulse$^{-1}$, 5 Hz, room temperature. Number of cotton cloths: 1 sheet. Whiteness and yellow index of conventionally bleached fabric (CF) are shown in the figures as horizontal broken lines.
Fig. S2 Emission spectra of (a) a low-pressure mercury lamp and (b) a black-light fluorescent lamp.