

Supporting Information

Chromaticity-Tunable and Thermal Stable Phosphor-in-Glass Inorganic Color Converter for High Power Warm w-LED

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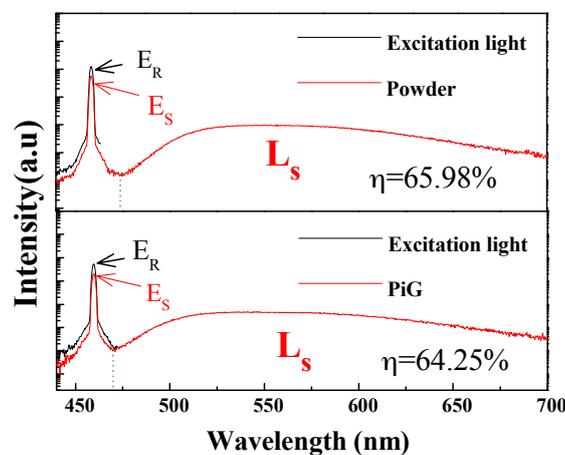


Figure. S1. The quantum efficiencies of the phosphor and the corresponding PiG samples.

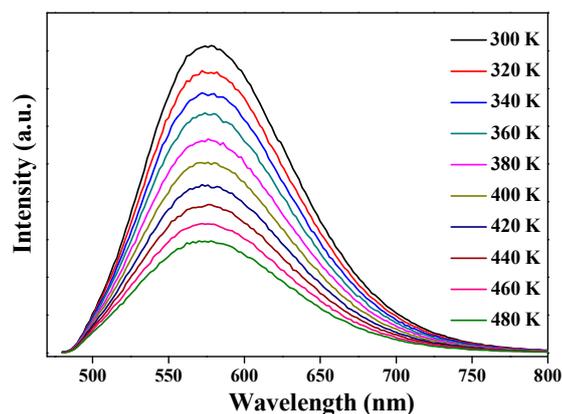


Figure. S2. Temperature dependent the PL ($\lambda_{ex} = 455 \text{ nm}$) spectra of the YMASG:0.05Ce³⁺ powder sample.

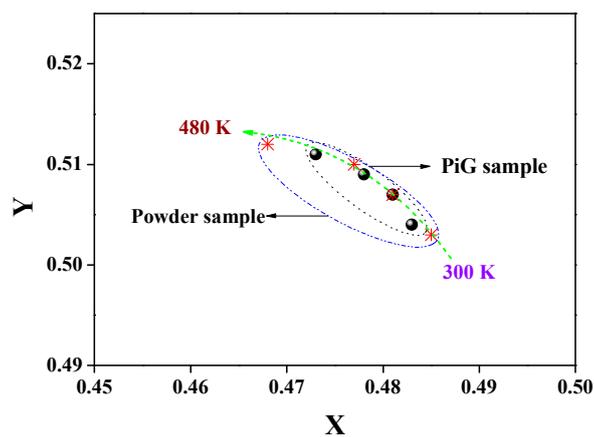


Figure. S3. Temperature-dependent CIE coordinates of the PiG and powder samples.

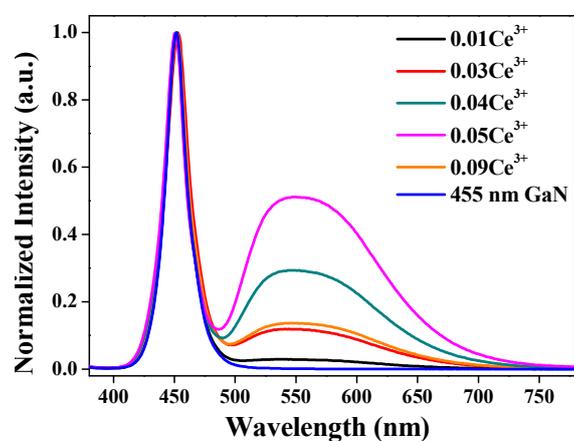


Figure. S4. Ce-concentration dependent EL spectra of the PiGs.

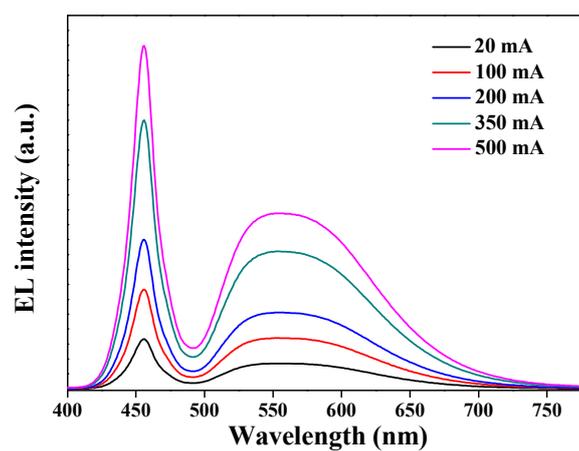


Figure. S5. EL spectra the fabricated PiG-based w-LEDs under the current regulation (20-500 mA).

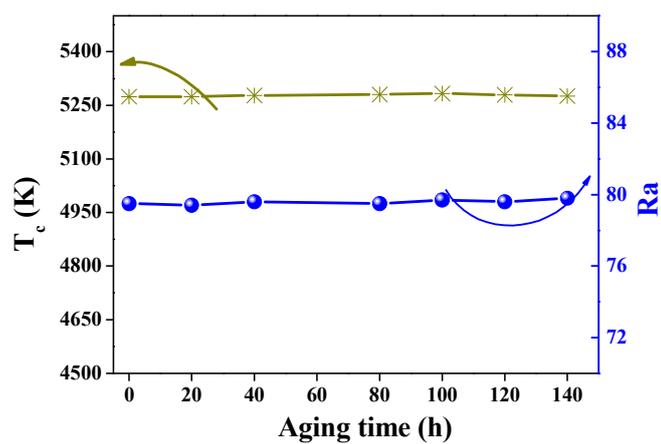


Figure. S6. The variation of T_c and Ra in PiG-based w-LED in the aging process.



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