Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Extending temperature sensing range using Eu^{3+} luminescence upto 865 K in a single crystal of $EuPO_4$

(Supplementary information)

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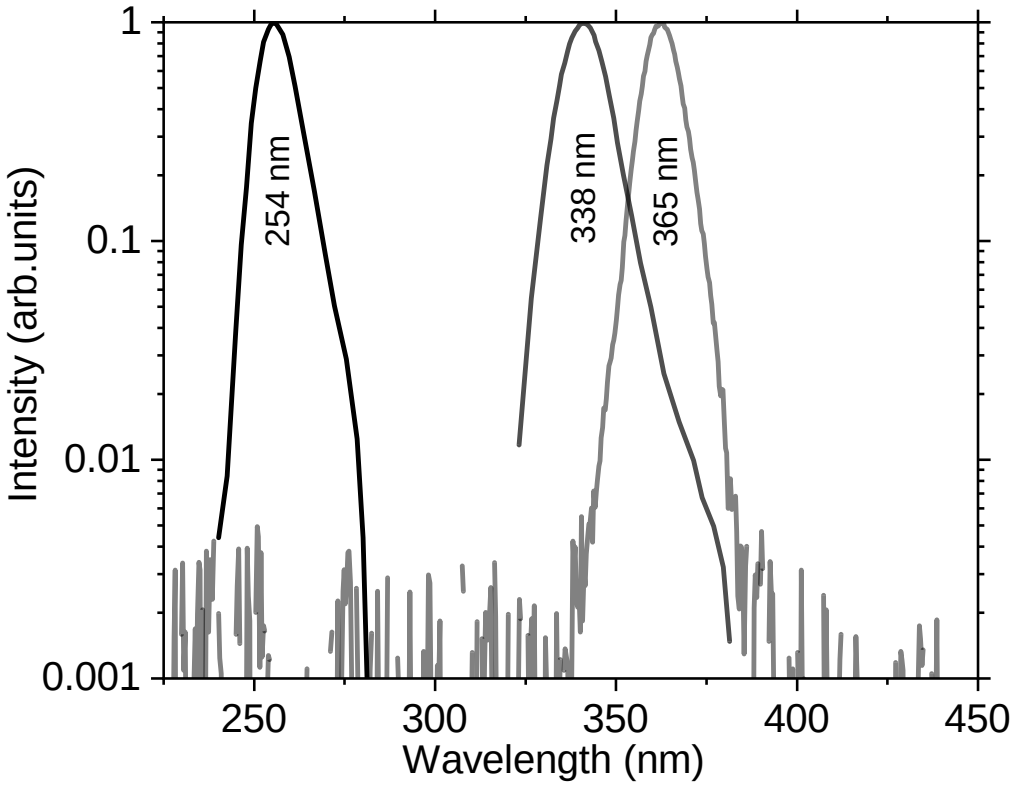

Fig. S1 The emission spectra for three excitation sources used in the present study, 365 nm, 338 nm, and 254 nm LEDs.

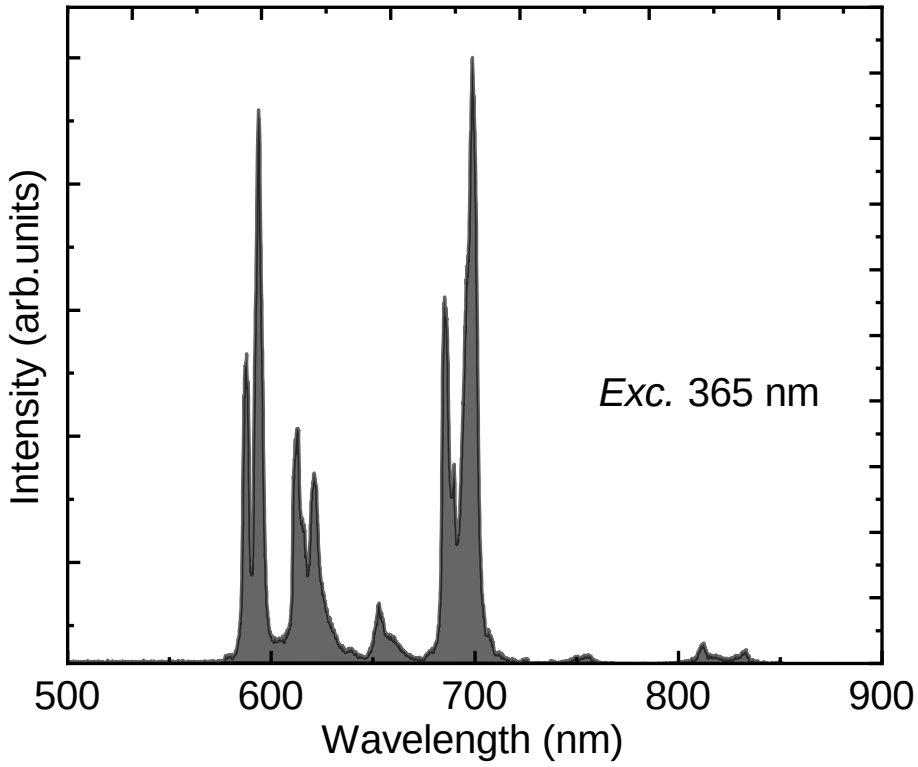

Fig. S2 The room temperature PL emission spectrum with bands at 593, 613, 652, 699 and 812 nm, measured for an excitation at 365±3 nm.