Supplementary Information for

Organometal Halide Perovskite Nanocrystals Embedded in Silicone Resin with Bright Luminescence and Ultrastability

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**Figure S1.** UV-vis absorption (a) and PL spectra of MaPbBr$_3$ / PMSR films prepared by using different weight ratios of MaPbBr$_3$ NCs and PMSR. Inset: Photograph of the mixture of MaPbBr$_3$ / PMSR under ambient light (left) and UV light of 365 nm (right).
Figure S2. XRD patterns of MaPbBr3, PMRS and the MaPbBr3 / PMSR film.

Figure S3. Evaluation of emission spectra of the white LED system with green MAPbBr3 / PMSR and red nitride phosphor (Sr2Si3N8 : Eu)-PMSR.