Electronic Supplementary Material (ESI) for RSC Advances.

Optimizing the precursor of sulfur source for hydrothermal synthesis of high performance CdS for photocatalytic hydrogen production

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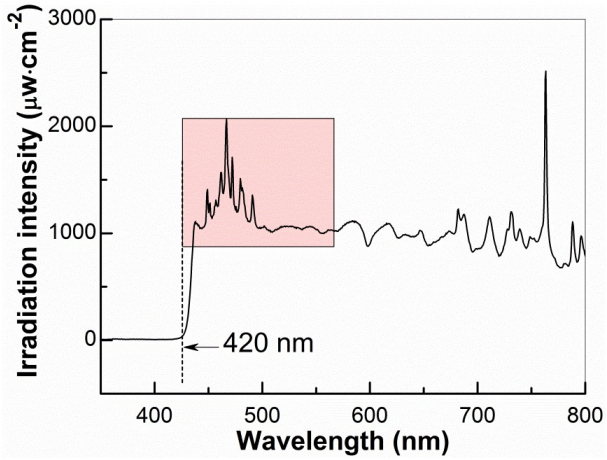
Fig. S1 The emission spectrum of the light source.(measured by SpectriLight ILT 950 spectroradiometer).



The average intensity of the irradiation for the activation of CdS is ca. 1.1 mW·cm^{-2} (420-570 nm, the spectrum range for the activation of CdS) and the irradiation area is ca. 28 cm^2.