Supporting Information

Full Solution Processed Mesostructured Optical Resonators Integrating Colloidal Semiconductor Quantum Dots

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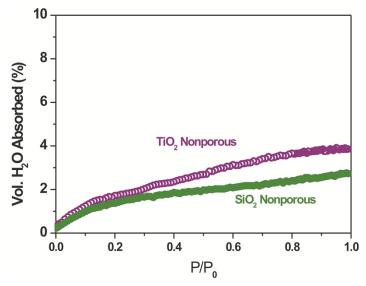


Figure S1. Typical water adsorption-desorption isotherms obtained by EEP obtained from the SiO_2 and TiO_2 low porosity films used in this work.

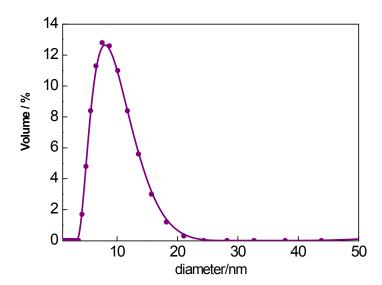


Figure S2. CSQDs particle size distribution measured by dynamic light scattering at a concentration of 5mg/ml in toluene.

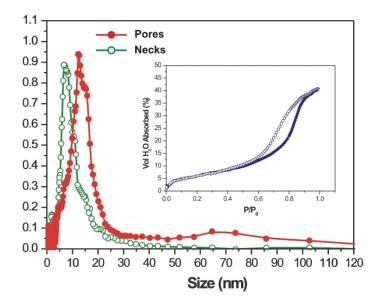


Figure S3. Typical pore and neck size distribution of bi-modal mesoporous TiO₂ films obtained by water adsorption-desorption isotherms at 298 K (see inset).

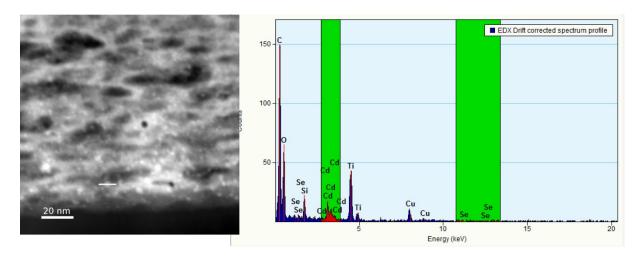


Figure S4. EDX line-scan indicated by the white line in the ADF image (left). At the particle position p4-p6 a clear Cd signal is detected.

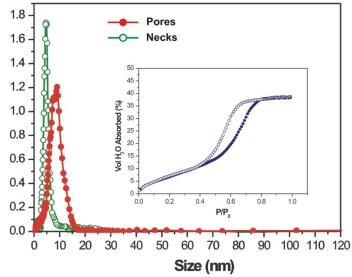


Figure S5. Pore and neck size distribution of mono-modal TiO₂ films obtained by water adsorption-desorption isotherms at 298 K (see inset)

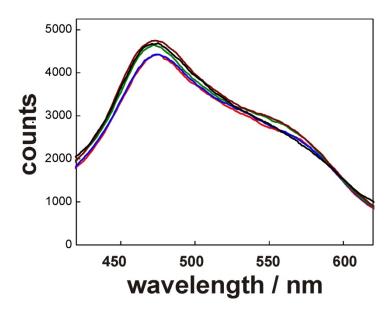


Figure S6. Spectral luminescence of CSQD included in a porous TiO₂ layer at different collection angle. Luminescence spectra of the porous optical structure collected at 0 (black line), 15 (red line) ,20 (blue line), 25 (green line) and 30 (brown line) degrees.