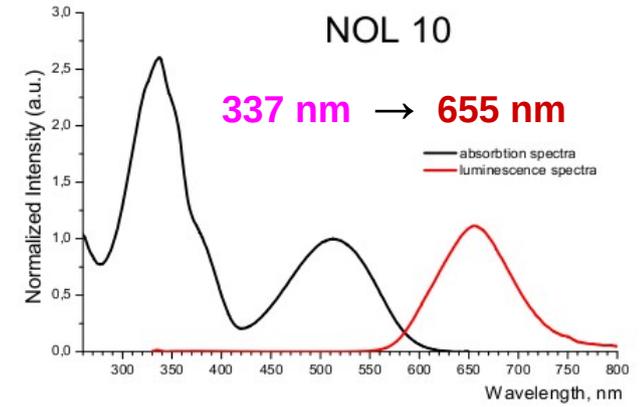
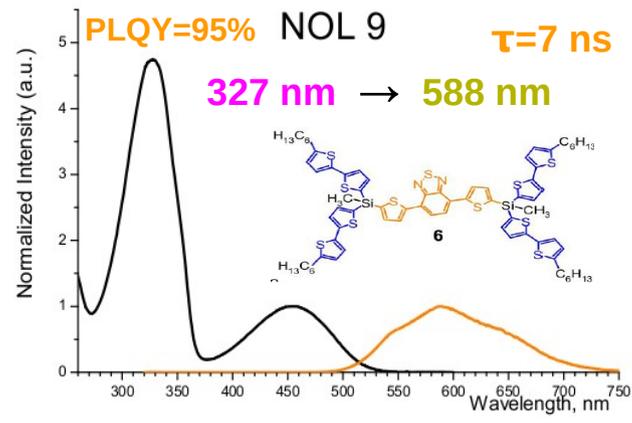
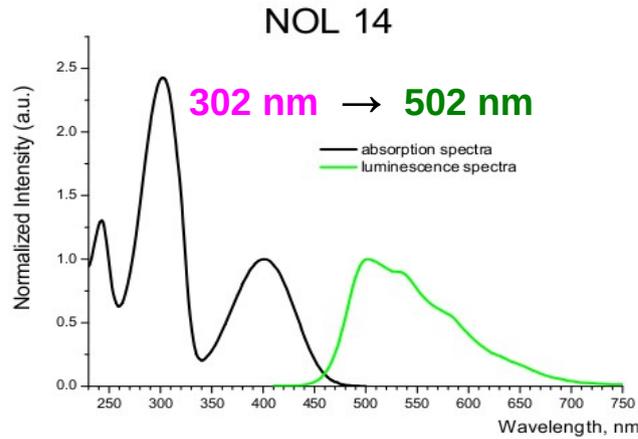
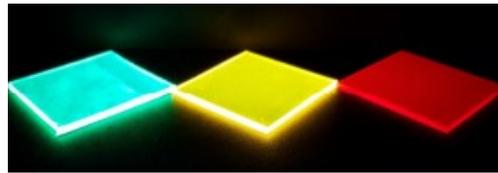


Based on the nanostructured organosilicon luminophores (NOL-9,10,14) from **LumInnoTech Co.**, the WLS plates were developed ((60 x 60 x 5) mm³).



The absorption and emission spectra of these NOL's match our needs very well ($\lambda_{\text{CsI}} = 320 \text{ nm}$).

The improvement of the APD QE is by a factor of 2–3.



■ Quantum efficiency vs. wavelength

