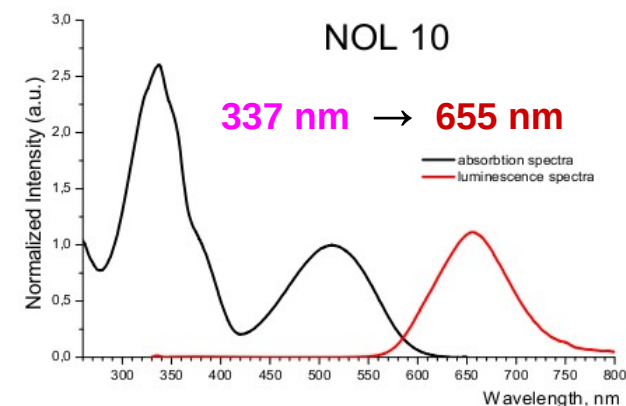
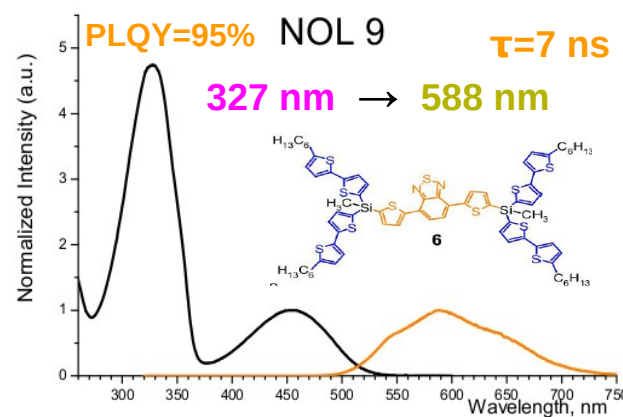
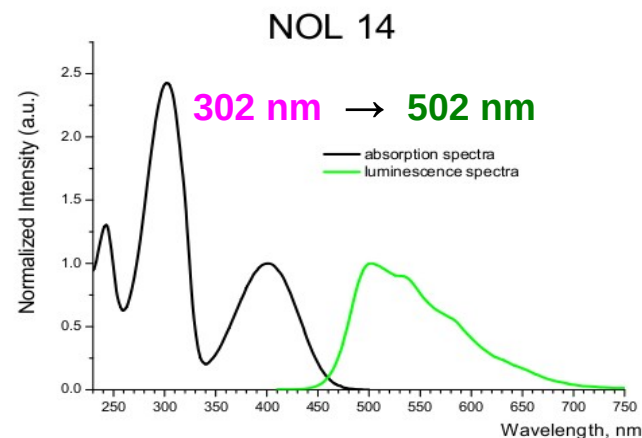
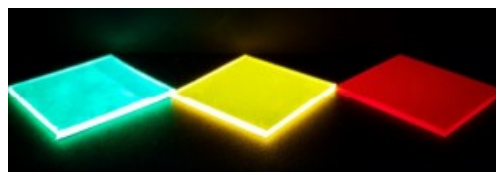


Based on the nanostructured organosilicon luminophores (NOL-9,10,14) from **LumInnoTech Co.**, the WLS plates were developed ((60 x 60 x 5) mm<sup>3</sup>).



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

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



■ Quantum efficiency vs. wavelength

