

## **Pre-Lab Exercises**

### **Lab #4: Organic LED**

**MIT Nanomaker\_Spring 2013**

- 1) Read the Scientific American article on organic LEDs.**
- 2) What are the advantages and disadvantages of OLED displays compared with LCD and plasma displays?**
- 3) What is the typical thickness of organic layers in OLEDs?**
- 4) A photon with one electron volt of energy corresponds to what wavelength of light?  
Please describe the relation.**

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