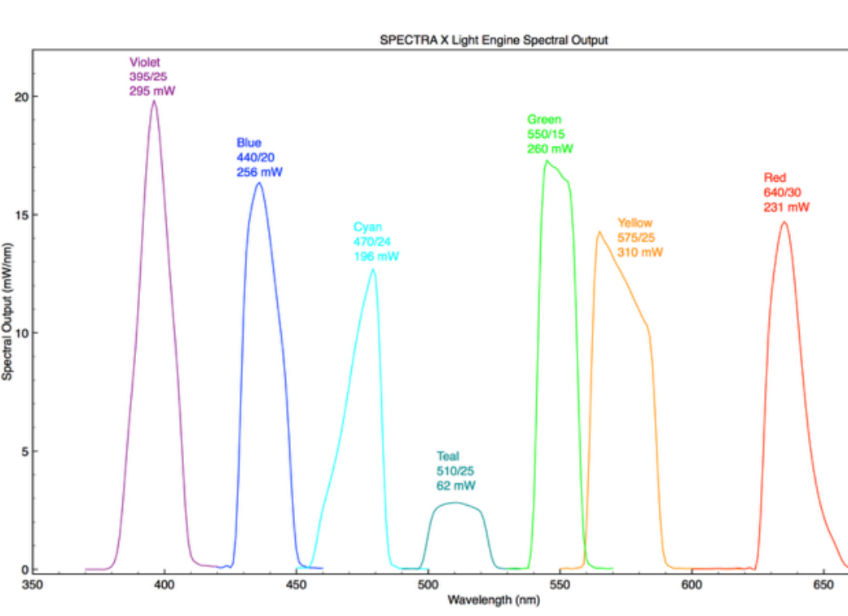
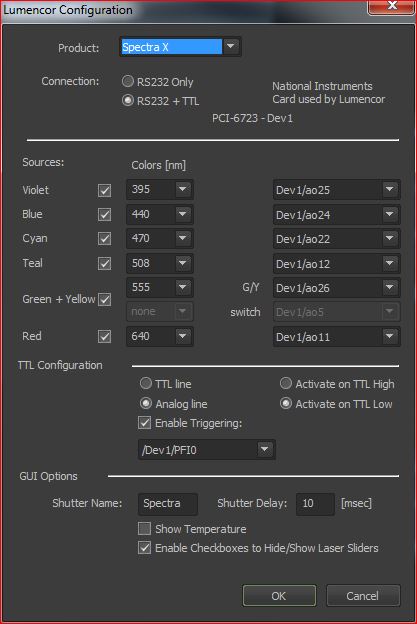
Lumencor web site <http://lumencor.com/products/spectra-x-light-engine/>



*Available filters:*

* Violet: 395/25
* Blue: 440/20
* Cyan: 470/24
* Red: 640/30
* Teal: 510/25
* Green/Yellow: 550/15 or 575/27 (exchange filters for optimal excitation)



***Troubleshoot:***

* When light remains on all the time, check cable connection in the lumencor configuration settings (see figure)
* When light is not tuneable by software miscommunication via the COM port likely occurs (in: >Device select SpectraX > settings => set COM port to 2)

***mCherry imaging:***

575/25 filter should be in the SpectraX light house (extra filter is placed below the cover in the light house)

Place in the Green/Yellow (GY) slit grip facing G/Y marking (does not fit otherwise)

* Select in config : 575 nm, check connections.
* Use CFP/YFP/mCherry filter block in lower turret
* Image as usual (use ND4 and 8 filters to tune the LED light at lower levels)