

HybriD³ File Format Description: Photoluminescence (PL)

1 Overview

HybriD³ supports PL data and PL graphs. A PL graph will be generated with the upload of a `pl.csv` file.

2 Format of a `pl.csv` file

A `pl.csv` file might look like this:

Wavelength/nm	Intensity/arb. units
350.294	0.89321
354.806	0.89322
359.411	0.89269
364.093	0.8927
370.113	0.89271
377.135	0.89272
384.325	0.89318
392.853	0.89275
...	

There will be two columns. The left column represents the wavelength (λ) in *nm* and the right column represents the intensity (I) in arbitrary units.

The first row will be ignored.

3 Plotting of `pl.csv` file

The λ with I peak (I_{\max}) will be identified and I_{\max} scaled to 1.0 arb. units. The lowest I (I_{\min}) will be scaled to 0.0 arb. units.

Refer to the following graph for details:

