

Sanko Denki LS-25 (Japan FG25T8) Germicidal bare lamp.

File: Sanko Denki G25T8 #1.doc

Set up Conditions

The lamp was warmed up for >10 Min. Using test jig with 25W ballast.

Black felt paper was behind the lamp to block all reflections.

The Ocean Optics FOIS-1 (Fiber Optics Integrating Sphere) was on the edge of the black felt paper about 10 inches from the surface of the lamp.

Fiber optic cable P1000-2-UV/VIS was between the FOIS and the USB2000 spectrometer.

Scan setting

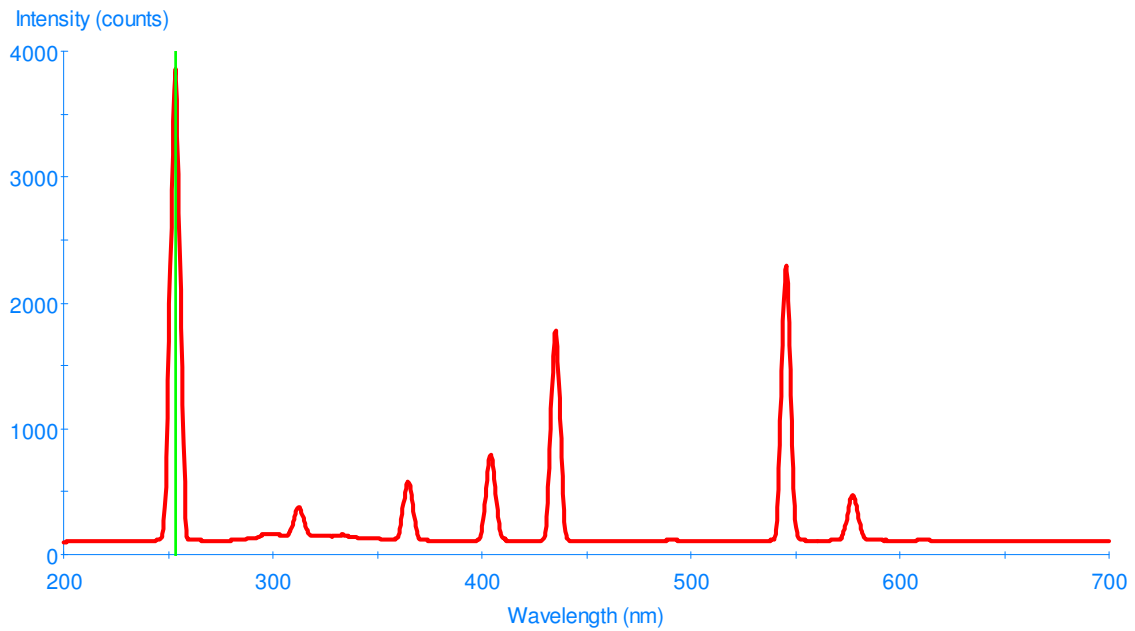
Wavelength range is from 200 to 700 nm. Note peak is at 253.7 nm exactly even though the spectrometer reads 254.01 nm.

Integ. Time = **25**

Average = 6

Boxcar = 6

Flash Delay = 4



Peak wavelength is 253.7 nm (OO says 254.01 nm). Measured on 9/3/02 by DEN.