

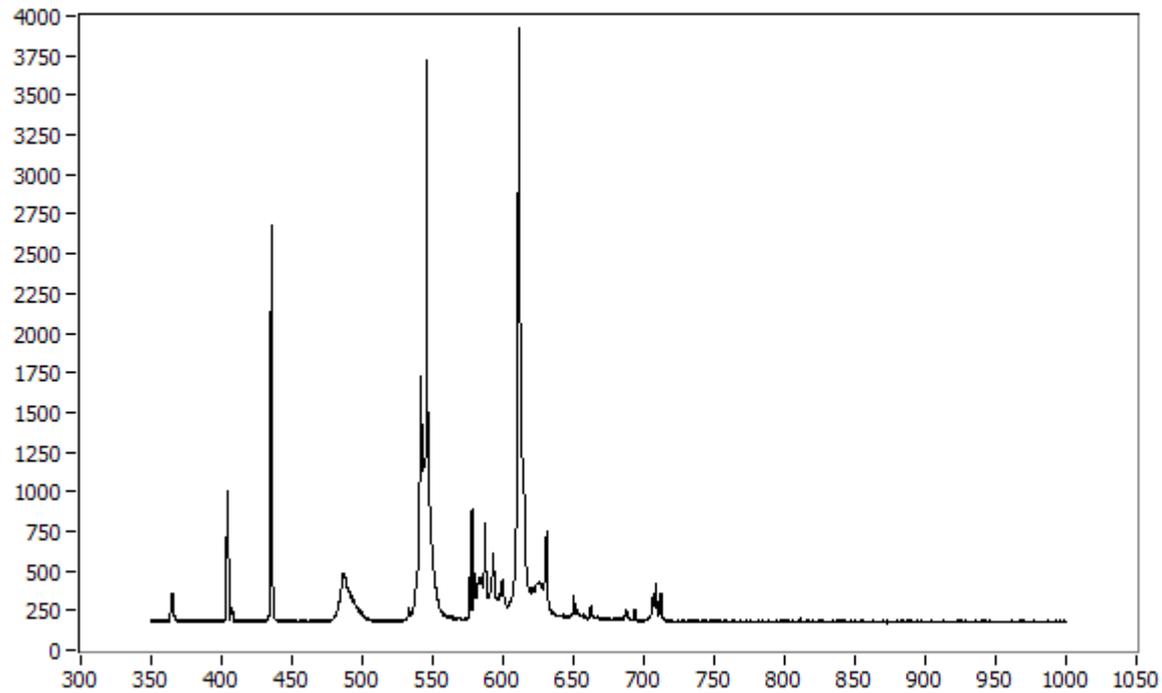
Esta base de imágenes de firmas Espectrales tiene como objetivo introducir de una manera simple a la comparación y al análisis preliminar de fuentes luminosas.

Para profundizar en la identificación de los elementos químicos por sus líneas espectrales se debe recurrir a la base de datos del Instituto Nacional de Estándares y Tecnología (NIST) que es una agencia del Departamento de Comercio de Estados Unidos .link:: <http://www.nist.gov/pml/data/asd.cfm> .

El Instrumento utilizado es el modelo SPM-002 -C de la empresa PhotonControl que opera en el rango de los 350nm a 1000nm .

Si es de su interés ampliar esta base de imágenes , realizar intercomparación de equipos y Profundizar el tema ,no dude en tomar contacto via mail a: gustavo@ifa.org.ar

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp:jueves, enero 02, 2014 18:56:01

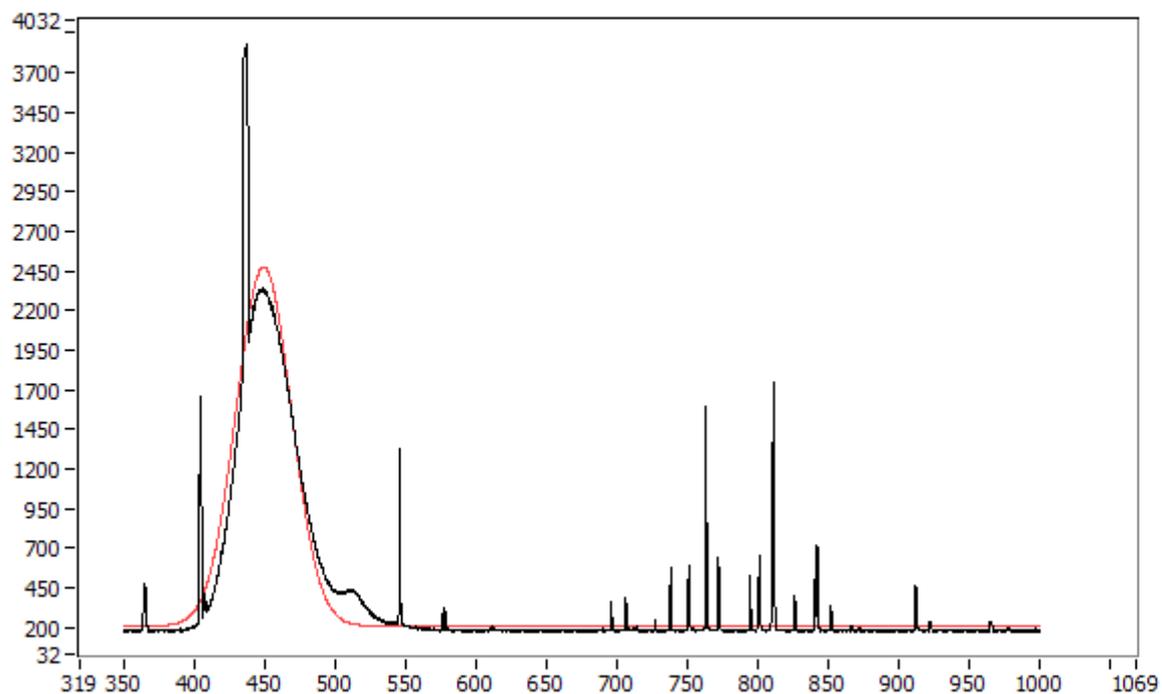


Wavelength Gr 



Lampara de bajo consumo

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp:jueves, enero 02, 2014 19:15:37

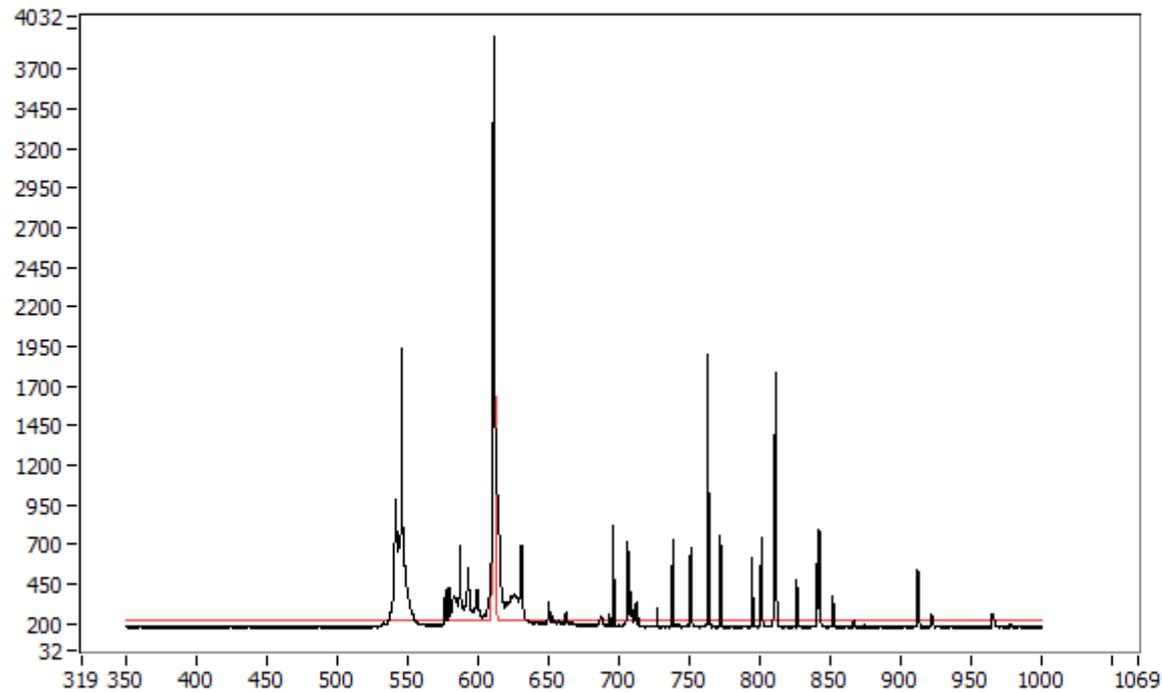


Wavelength Gr 



Lampara de bajo consumo Azul 437nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp:jueves, enero 02, 2014 19:16:44

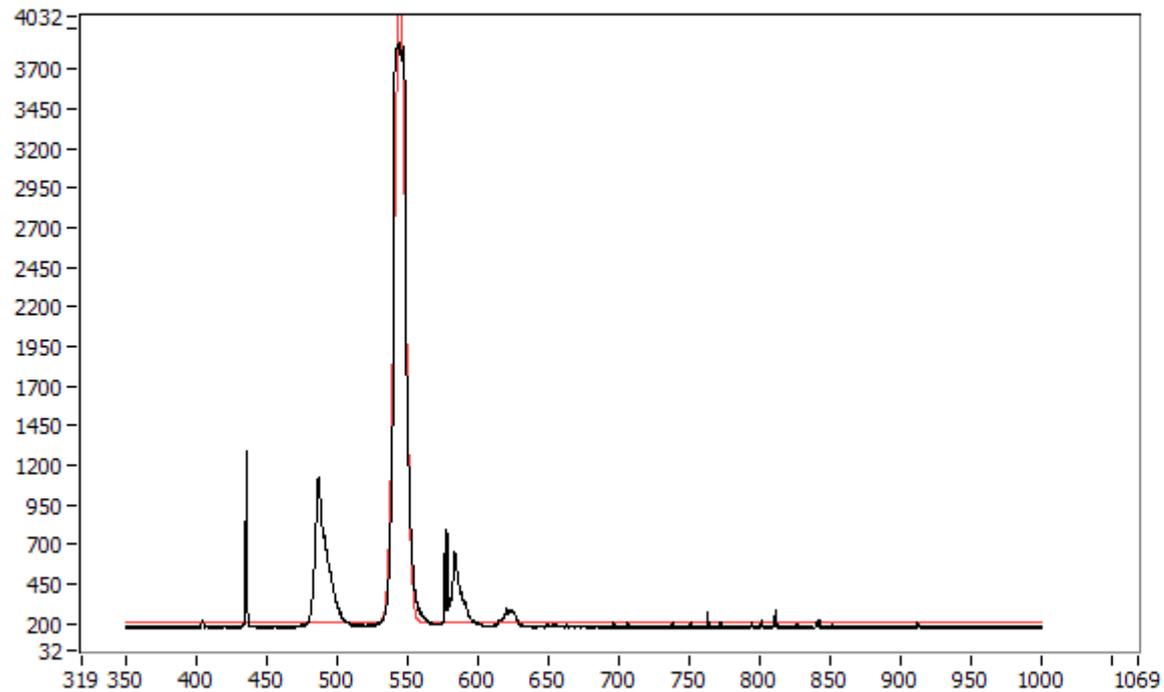


Wavelength Gr 



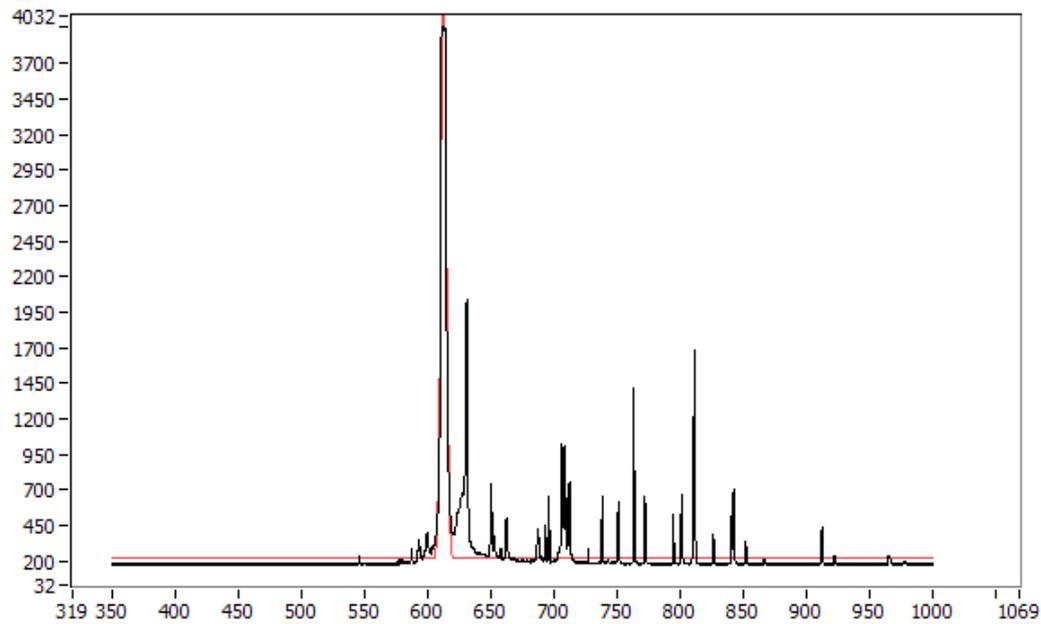
Lampara de bajo consumo amarilla 550nm y 611 nm

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp:jueves, enero 02, 2014 19:17:17



Lampara de bajo consumo verde 547nm

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp:jueves, enero 02, 2014 19:16:09



Wavelength Gr 

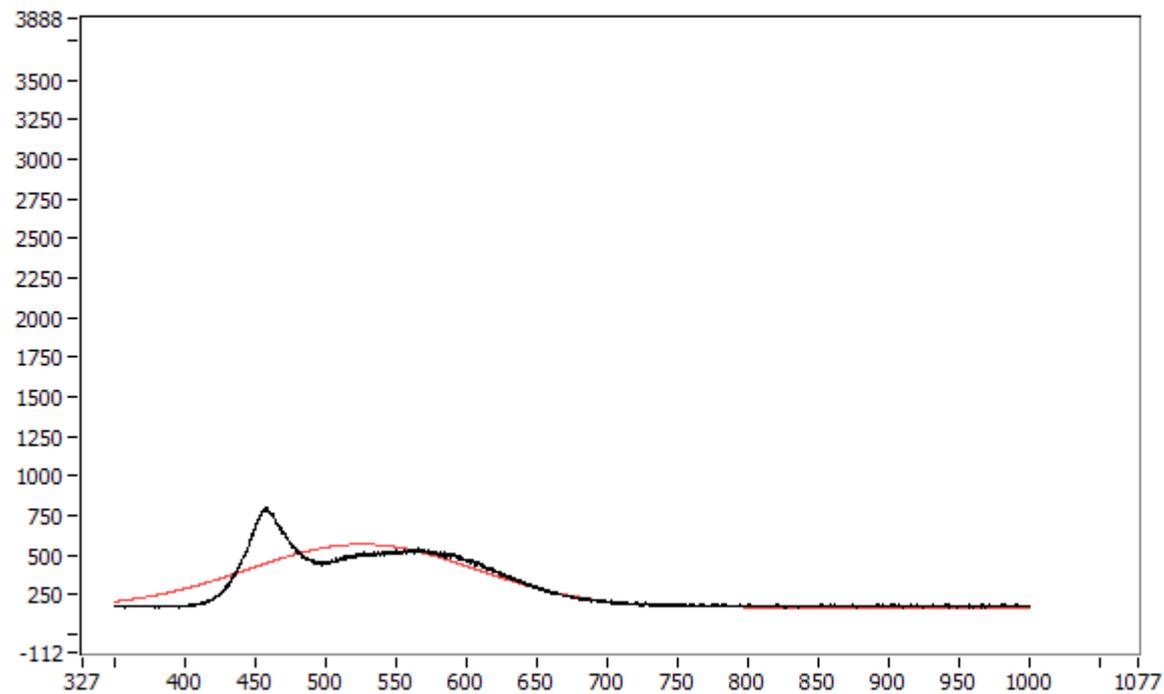


Lampara de bajo consumo roja 611nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.

Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6

Exposure Time: 50000,000000us Time Stamp:jueves, enero 02, 2014 20:22:18

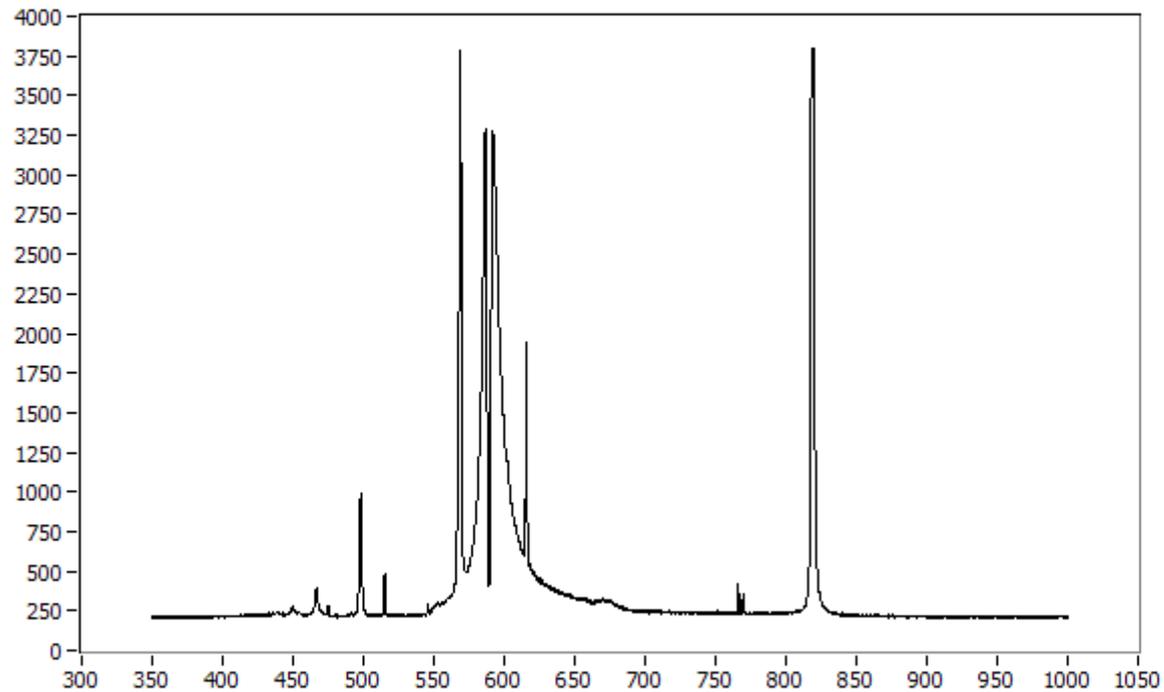


Led Blanco calido /dicroica 220v origen china

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.

Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6

Exposure Time: 10000,000000us Time Stamp:domingo, enero 05, 2014 17:13:06



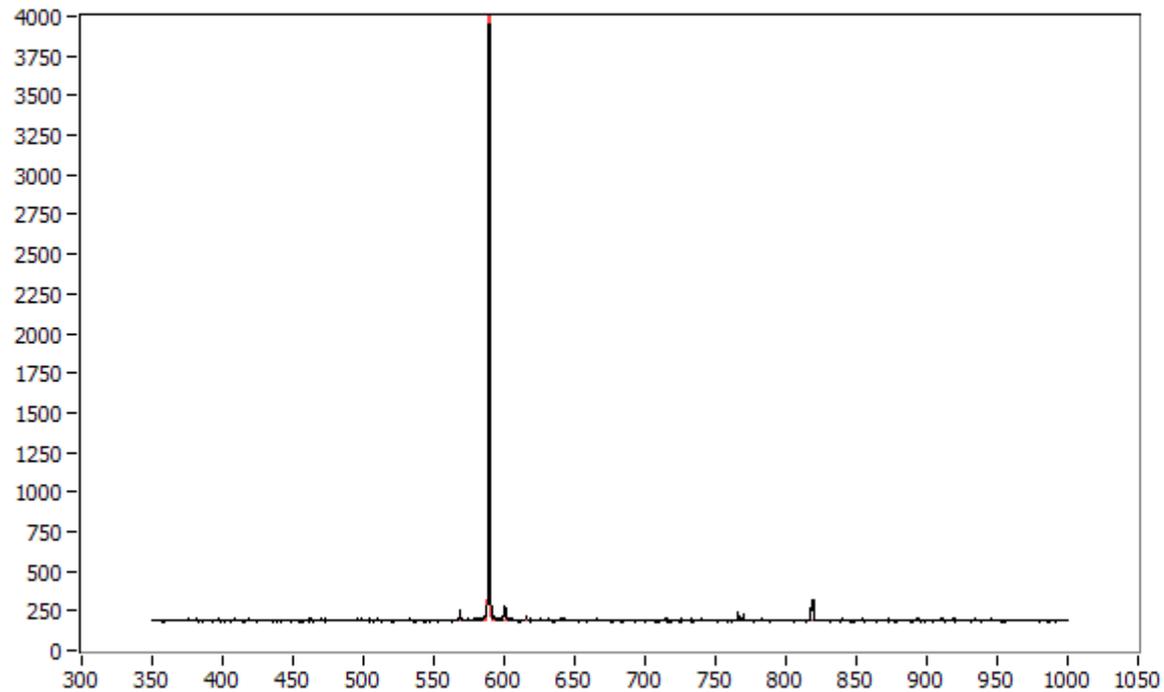
Wavelength Gr 



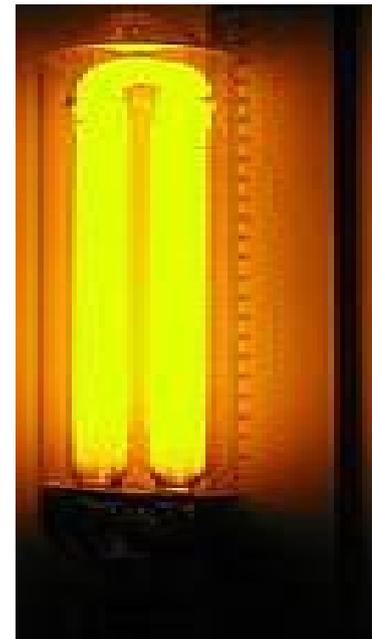
Lampara de Sodio de Alta Presion :Longitudes principales

466-497,7- 515- 568,6- 587,6- (D589,0/589,6) 591- 615,9- 766,2 -819,2 nanometros

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 10000,000000us Time Stamp: sábado, enero 11, 2014 21:45:24

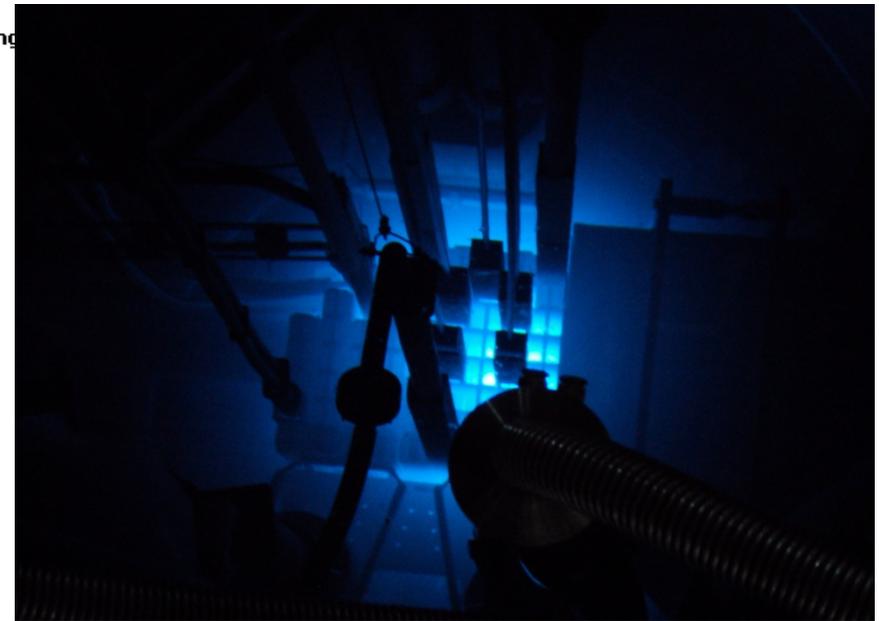
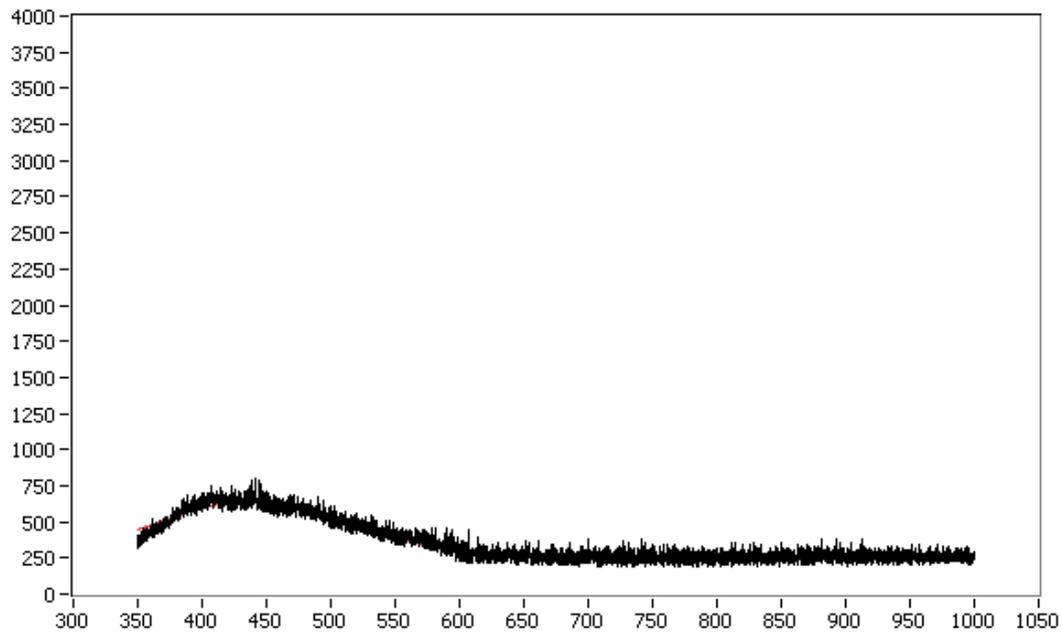


Wavelength Gr 



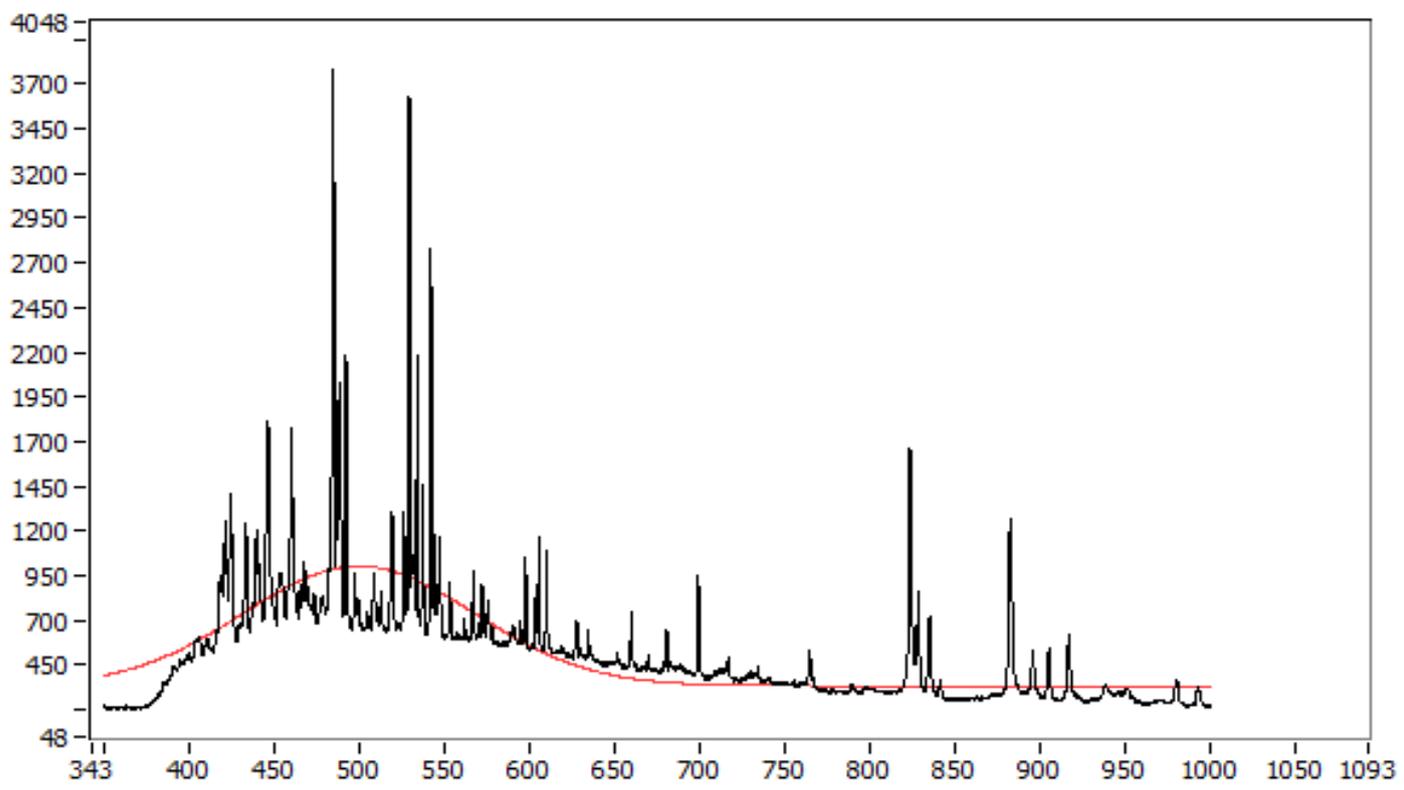
Lampara de Sodio Baja Presion

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 5000000,000000us Time Stamp:Viernes, Febrero 14, 2014 12:29:23



Efecto Cherenkov producido en el nucleo de reactor RA6 -Centro Atomico- Bariloche- Argentina-

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 100000,000000us Time Stamp:lunes, enero 27, 2014 14:39:00

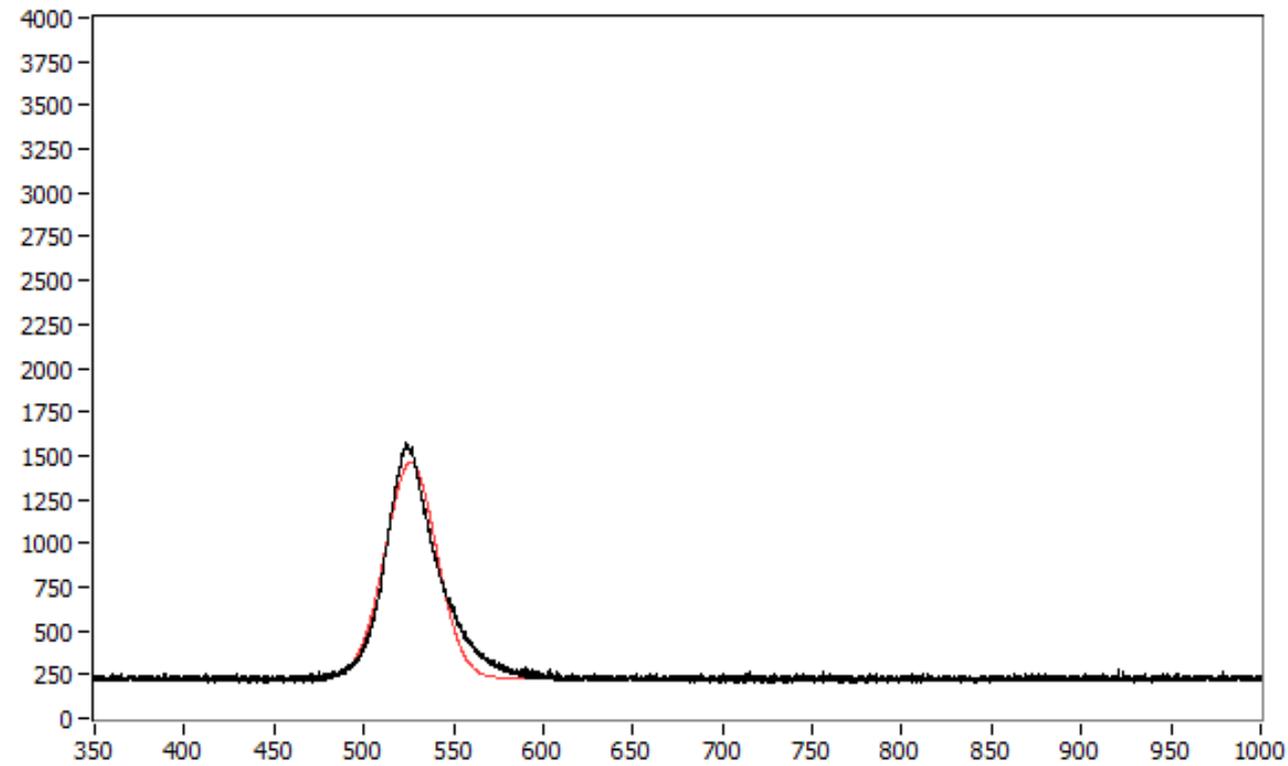


Wavelength Gr 



Gas Xenon-Lampara Flahs de descarga

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
Exposure Time: 300000,000000us Time Stamp: sábado, enero 11, 2014 16:06:30



Wavelength Gr 

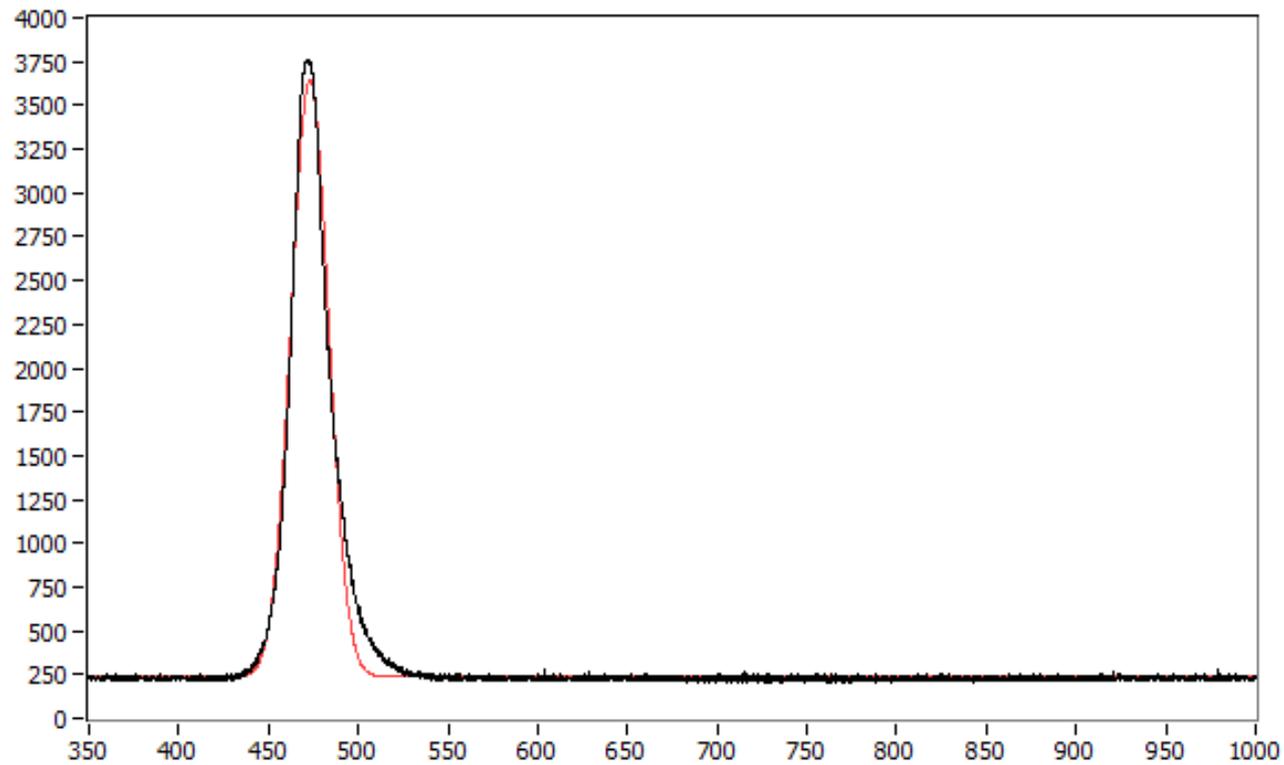


Led Verde 532nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.

Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6

Exposure Time: 300000,000000us Time Stamp: sábado, enero 11, 2014 16:07:56

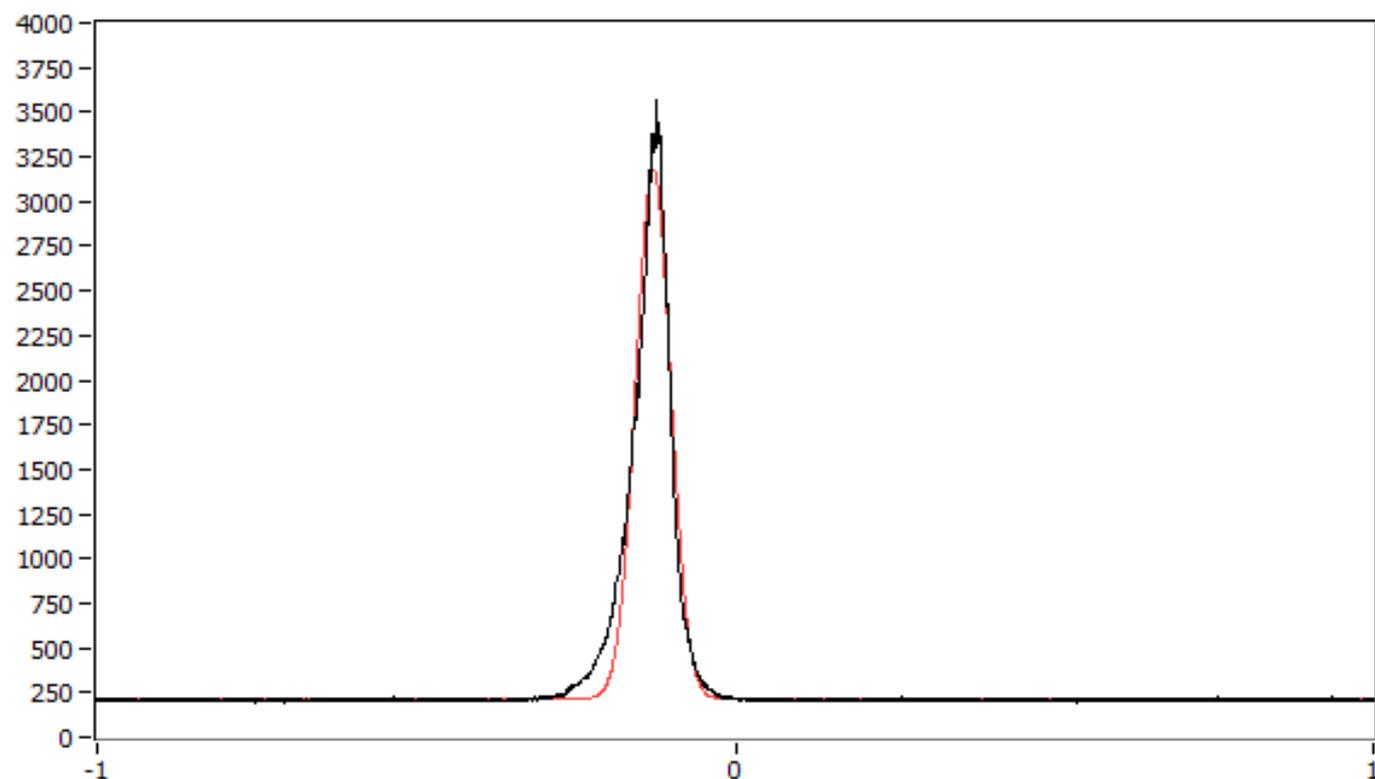


Led Azul 471nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.

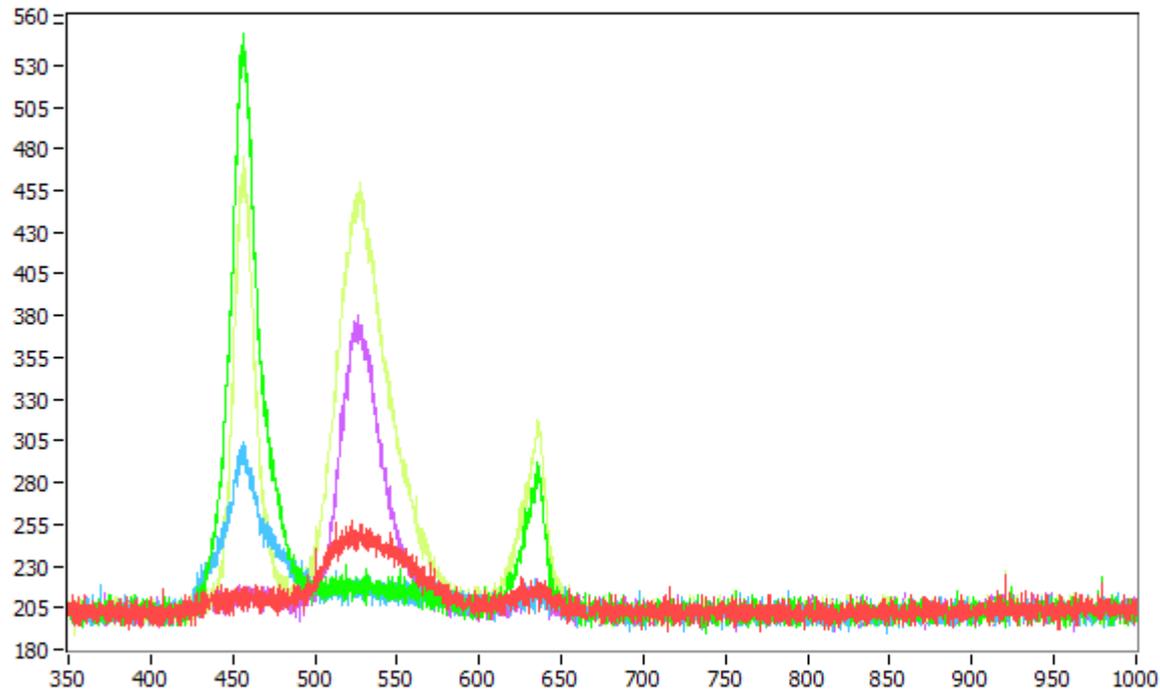
Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6

Exposure Time: 100000,000000us Time Stamp:sábado, enero 11, 2014 16:03:52

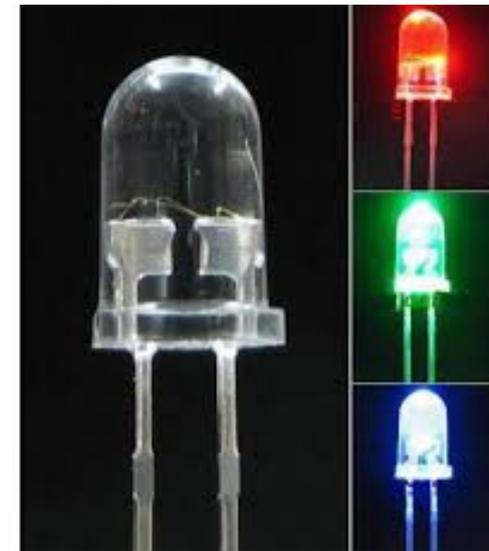
Wavelength Gr 

Led Rojo 634nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 100000,000000us Time Stamp:sábado, enero 11, 2014 16:01:44



Wavelength Gr 

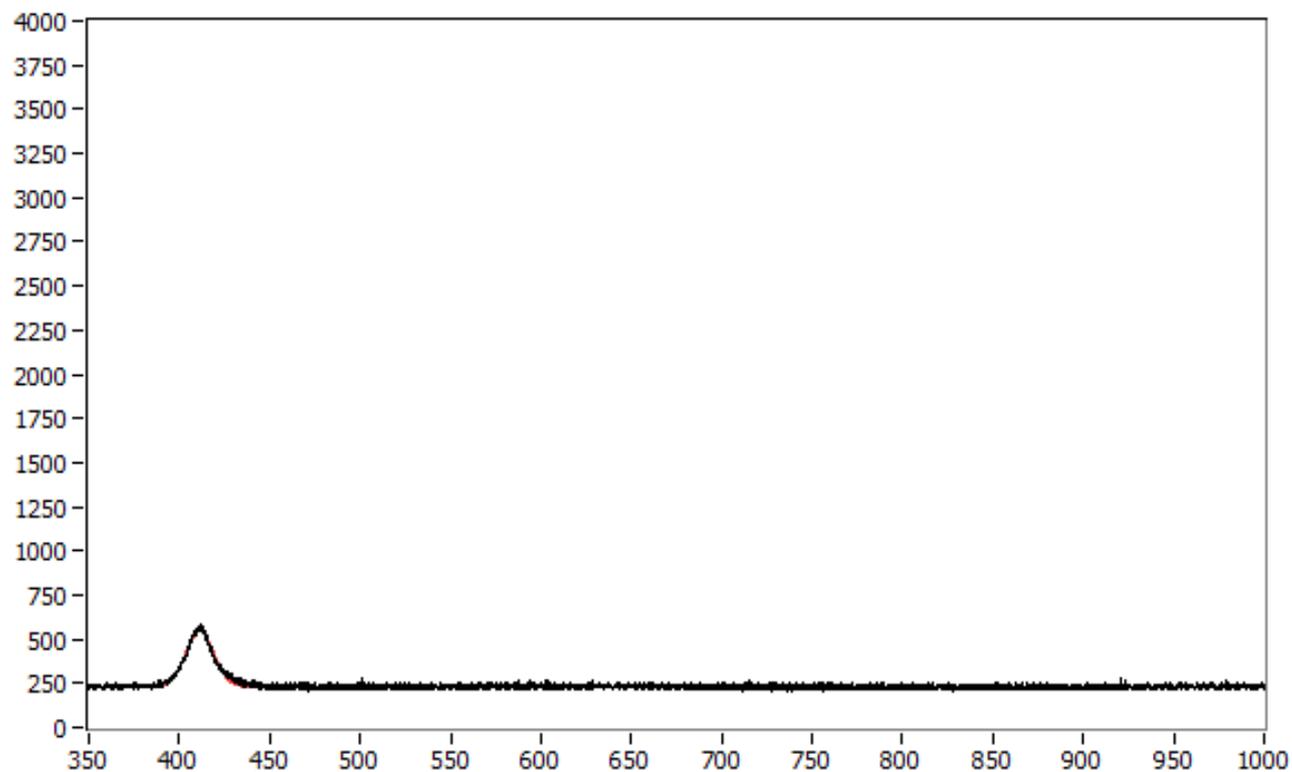


Led RGB

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.

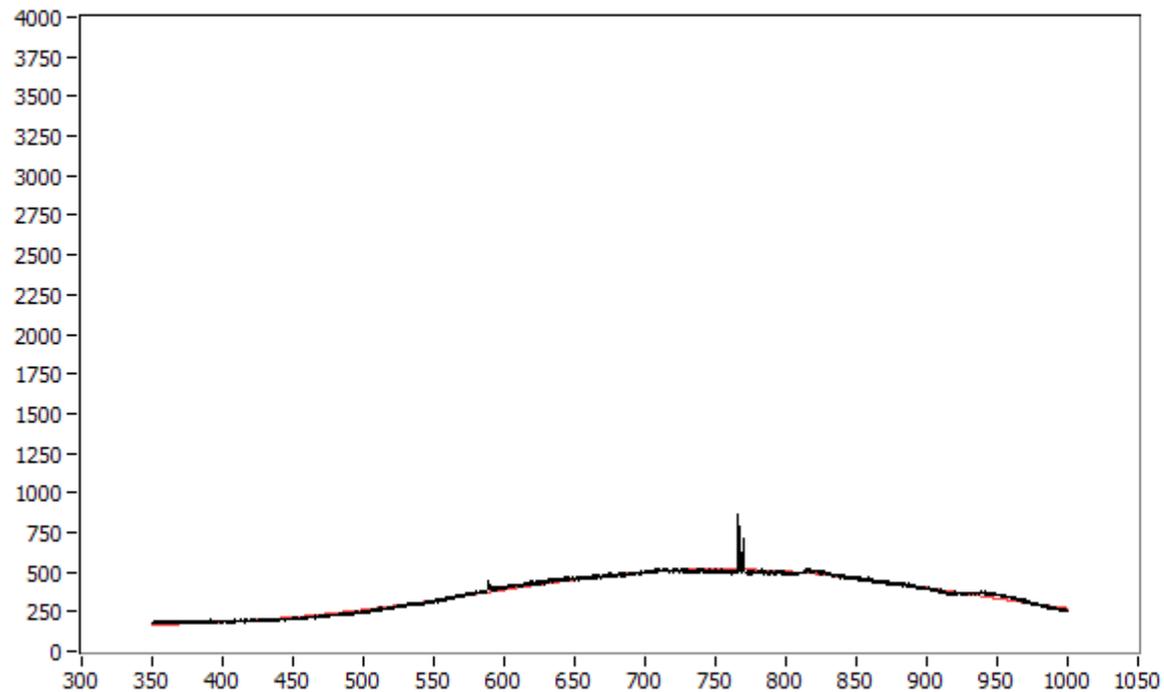
Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6

Exposure Time: 300000,000000us Time Stamp: sábado, enero 11, 2014 16:11:20

Wavelength Gr 

Led violeta 411nm

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 100000,000000us Time Stamp:miércoles, enero 08, 2014 12:15:36

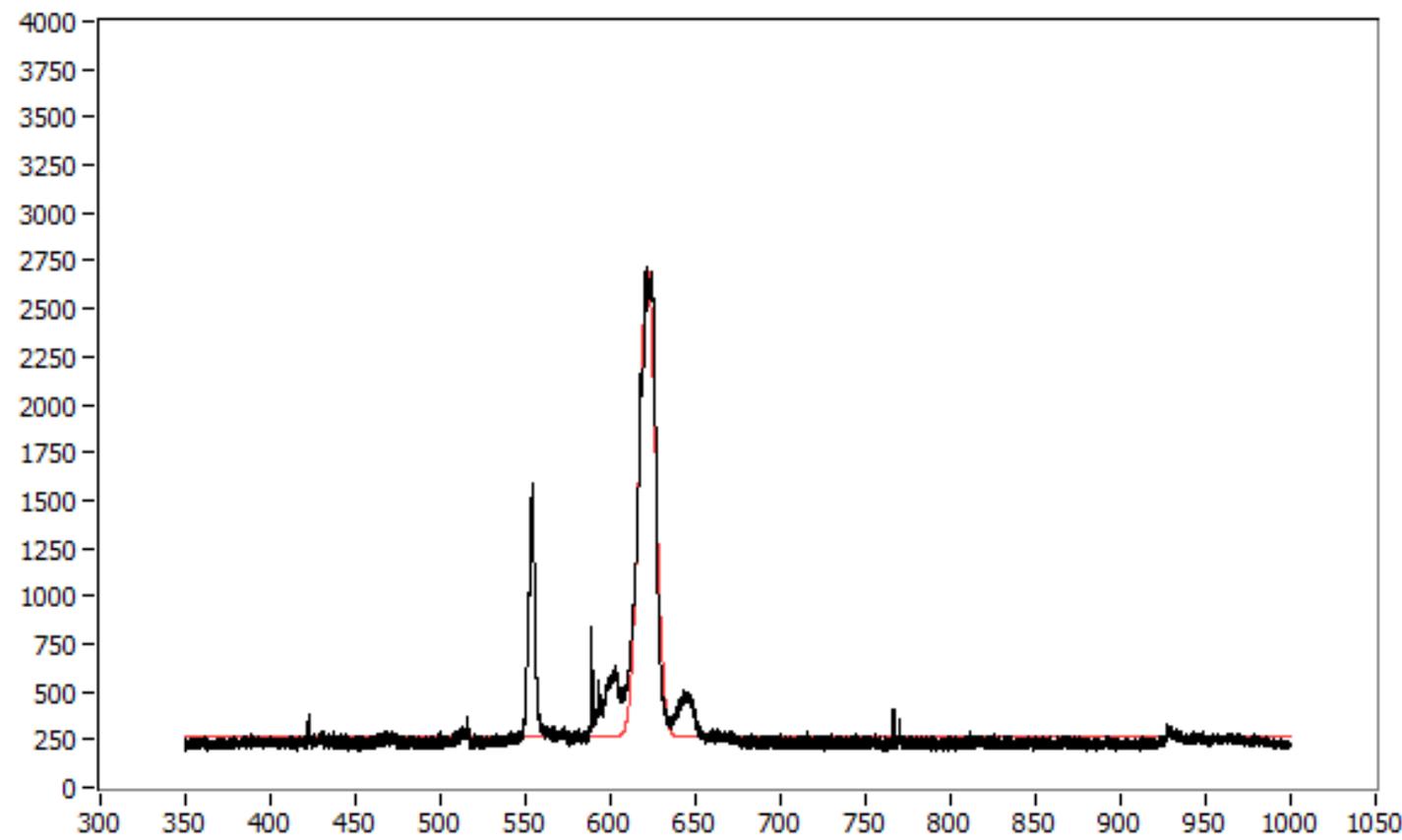


Wavelength Gr 



Llama de la Vela con un pico de emision en 766nm

SPECSOFT for SPM-00X Series Spectrometers - Photon Control Inc.
 Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
 Exposure Time: 1000000,000000us Time Stamp:lunes, enero 20, 2014 14:50:59

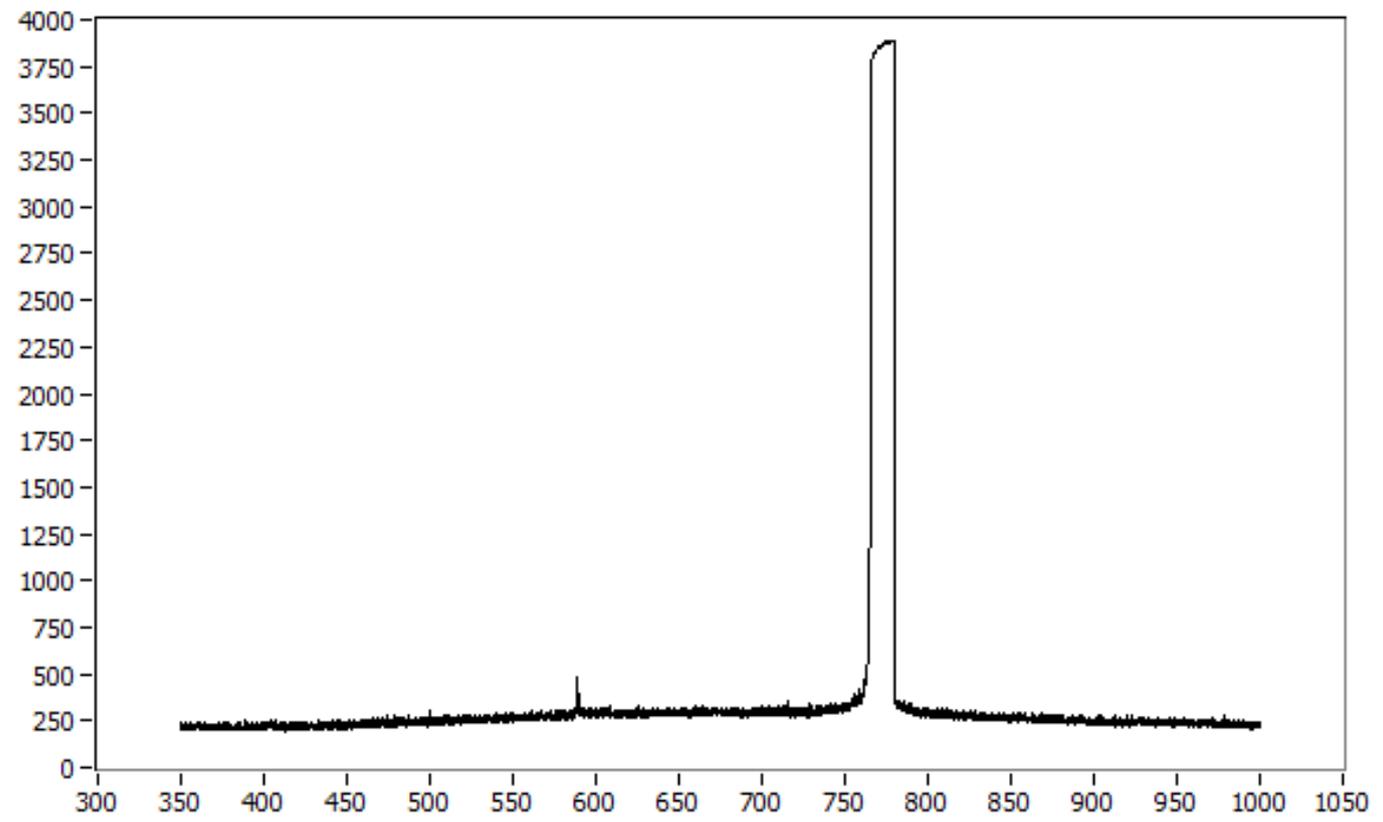


Wavelength Gr 



Llama de Calcio 620nm

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
Exposure Time: 500000,000000us Time Stamp:lunes, enero 20, 2014 15:38:35

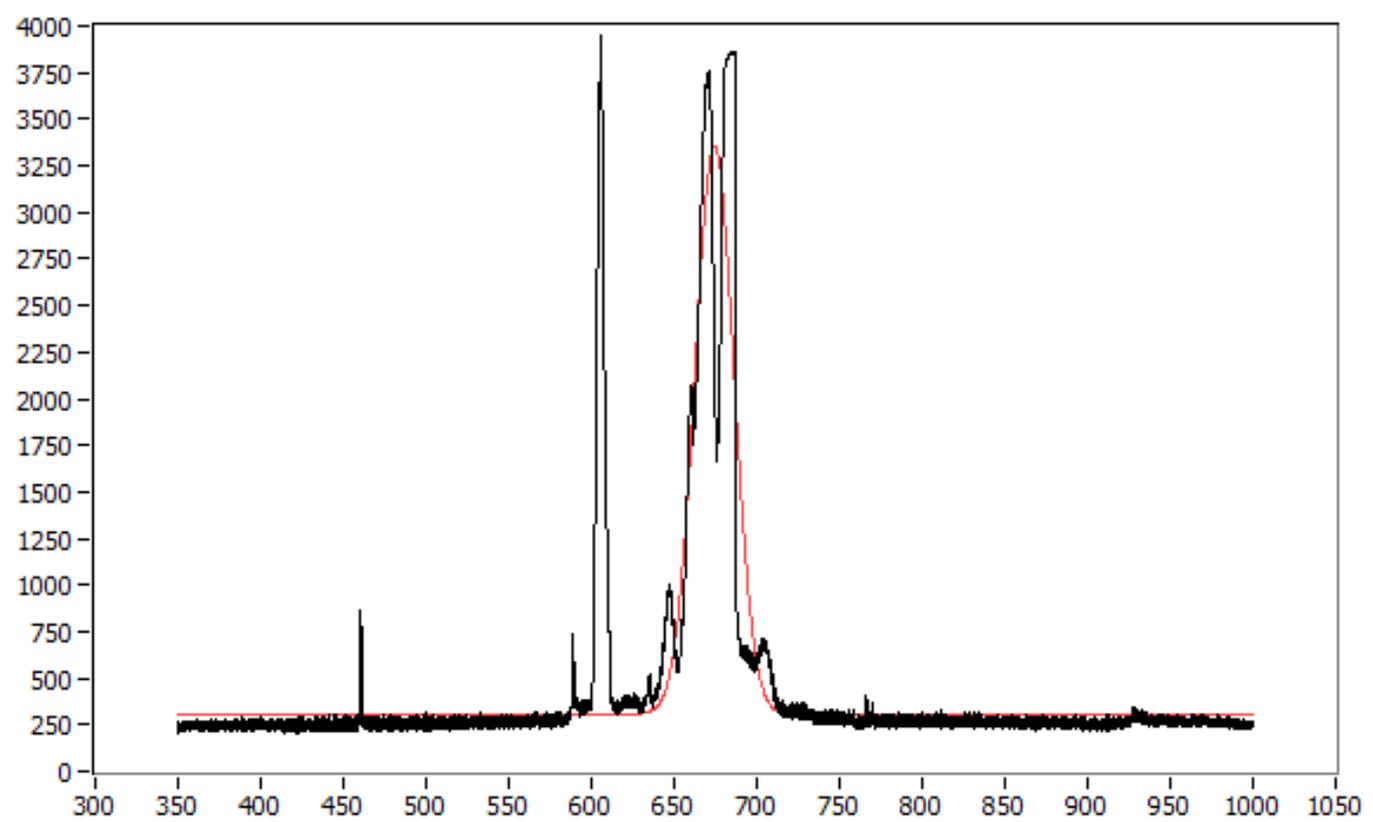


Wavelength Gr 

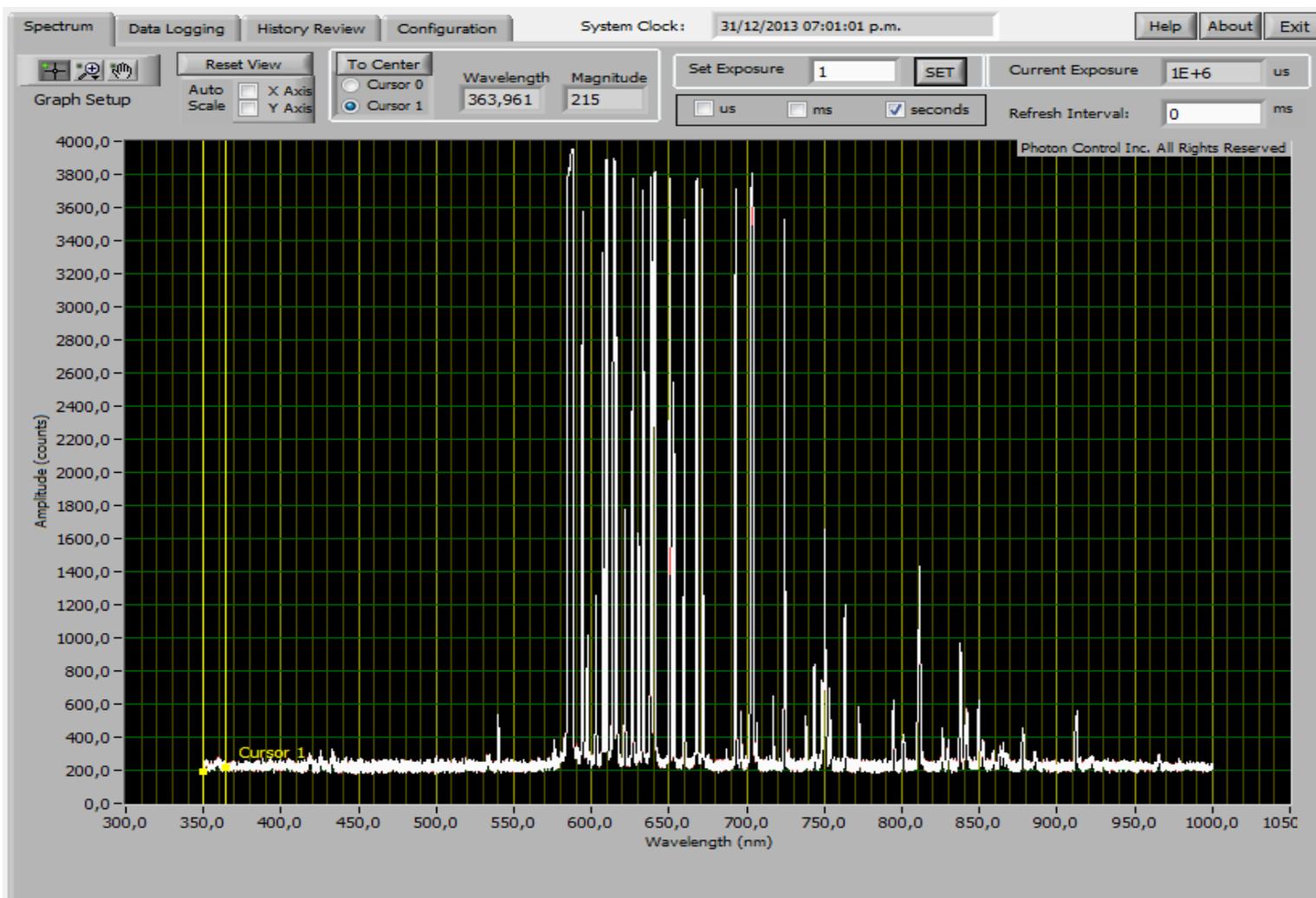


Llama de Potasio KCI

SPECISOFT for SPM-00X Series Spectrometers - Photon Control Inc.
Serial Number: 10112570 Model Number: SPM-002-C Firmware Version: 004.17.6
Exposure Time: 1000000,000000us Time Stamp:lunes, enero 20, 2014 16:00:37

Wavelength Gr 

Llama de Estroncio SrCL2



Acquisition Status: ON

Print To BMP

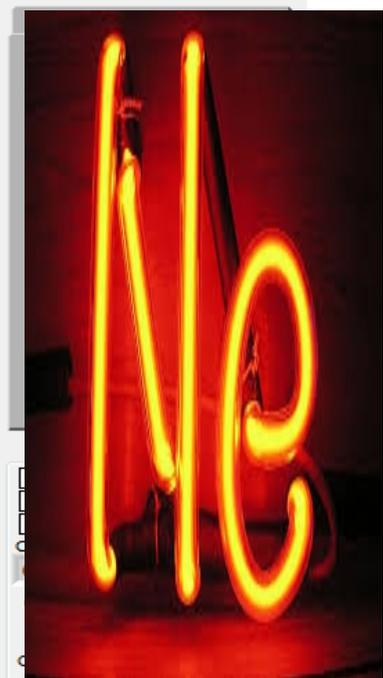
Save to Spreadsheet

Save to PNG Image

1 Capture & Hold TXT

Save All To Disk

To Disk Clear



Peak Wavelength: 0,000 nm

Peak Magnitude: 0,000

Gas Neon Ionizado