



Pen-Ray® Light Sources

Pen-Ray® Zinc and Cadmium Lamps

Description

The Zinc and Cadmium Lamps are designed primarily for use with the UV absorption cells and detectors and are frequently used in air pollution monitoring devices.

Applications

- Air pollution monitoring
- Analytical Instrumentation
- Wavelength Calibration
- Spectroscopy

Main Features

- Zinc lamps can also substitute for deuterium lamps in some applications due to the zinc lamps' superior thermal stability, long life and prominent 214nm energy peak
- The electrical leads enter the lamp base either at the perimeter of the base (side/radial leads) or straight into the center of the base (end/axial leads)
- Lead lengths are also optional

Specifications

Wavelength:	214nm energy peak
Electrical Leads:	Side/radial or end/axial
Zinc Lamp Dimensions:	Total Length: 4.33" (110.0mm) Lighted Length: 20.0mm Portal Quartz Diameter: 0.67" (17.0mm)
Cadmium Lamp Dimensions:	Total Length: 4.33" (110.0mm) Lighted Length: 24.0mm Portal Quartz Diameter: 0.67" (17.0mm)



Zinc Lamp Part Numbers	Special
110.6506 (90-0069-05)	Radial leads, 8" (203mm)
110.6507 (90-0069-06)	Axial leads, 8" (203mm)
110.6509 (90-0069-07)	Radial leads, 12" (305mm)
Cadmium Lamp Part Numbers	Special
110.6510 (90-0071-03)	Radial leads, 8" (203mm)
110.6511 (90-0071-06)	Axial leads, 8" (203mm)
110.6512 (90-0071-07)	Radial leads, 12" (305mm)
Power Supplies	
99-0033-01 / 02 @ 48 mAmps	Recommended power supply for all Zinc and Cadmium lamps