The UVP range of electronic ballasts have being specifically designed to operate our range of Standard, and Amalgam, Low-Pressure Mercury Vapour Lamps, driving them at their optimum performance, but will also run any other brand of low-pressure mercury vapour lamps given their operating characteristics match that of the appropriate UVP electronic ballast. Because these electronic ballasts operate at High Frequency, (Up to 50 KHz, as opposed to the electrical mains supply of 50 Hz) the length of electrical cable from the electronic ballast to the Ultra Violet Lamp MUST be no more than 15 m for the Standard range of UV lamps, and 5 m for the Amalgam range of UV lamps. When installing the electronic ballast(s), they MUST be mounted upright with the mains terminals at the bottom, and be at least 100 mm apart, in all directions, to allow for the required cooling effects as the electronic ballasts emit heat through the case. Therefore, unless there is sufficient means for cooling, the electronic ballast(s) cannot be installed in airtight enclosures. The Electronic Ballast’s Case MUST be correctly Earthed. The electronic ballasts are guaranteed against faulty parts and/or workmanship for a period of 2 years from the date of Invoicing.

Important Safety Notice:

Risk of Electric Shock! Potentially Lethal high voltages occur inside the electronic ballast and at the ballast terminals. Please refer to the safety rules in the UVP Installation and Operation Instruction sheet supplied with the electronic ballasts.
The UVP electronic ballasts have been designed with the capability of running either Pre-Heat, Bi-pin lamps, (whether they be two pins at each end, or four pins at one end) or Instant Start, single pin lamps. (whether they be single pin at each end, or two pins at one end) The wiring configuration is shown in the two wiring diagrams below. Due to the High In-Rush Current, the mains electrical wiring cable to the electronic ballast should have a cross-sectional area greater than 0.75 mm$^2$. 

### Pre-Heat

![Pre-Heat Wiring Diagram](image)

### Instant Start

![Instant Start Wiring Diagram](image)