



## Why choose PestWest Quantum UV-tubes for your fly control units?

**UV tubes are at the heart of a fly killer. Their quality dictates the attractiveness of the unit to flying insects and therefore its effectiveness.**

Since the manufacture of BL 350 tubes was banned in Europe for environmental reasons, PestWest Quantum tubes have become the choice of professionals in the food industry.

### **Why?**

**PestWest Quantum tubes are -**

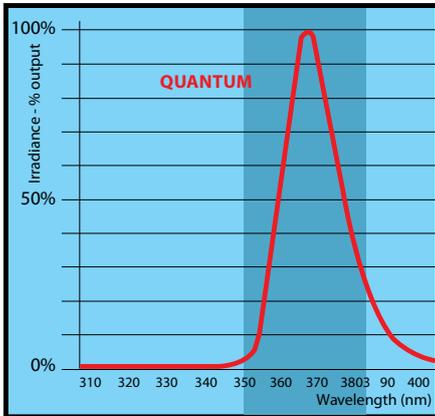
- Manufactured to the highest quality
- 100% lead-free construction
- Based on the lowest mercury levels consistent with optimum performance
- Shatterproofed with the most effective FEP coating

**By using only proven water-based phosphor technology, they give maximum output and minimum reduction in UVA light output over two years . PestWest believe that we owe it to our customers to supply them with the best. WOULDN'T YOU AGREE?**

[www.pestwest.com](http://www.pestwest.com)

## OPTIMISED SPECTRAL DISTRIBUTION

The majority of the UVA light output of Quantum tubes is concentrated in the spectrum between 350-380 nanometers. Extensive scientific research sponsored by PestWest and carried out at the University of Birmingham in the UK proved that this is the most attractive spectrum for urban flies. In 1997 PestWest approached Sylvania Lighting International (SLI) to apply the knowledge obtained from this research and after a 2 year development and trials period the Quantum tube was born.



## MEETING ENVIRONMENTAL CONCERNS

Quantum tubes meet the most environmentally responsible standards and comply with the requirements of the Restriction of Hazardous Substances (RoHS) legislation, under which the manufacture of BL350 tubes has been banned in Europe for environmental reasons.

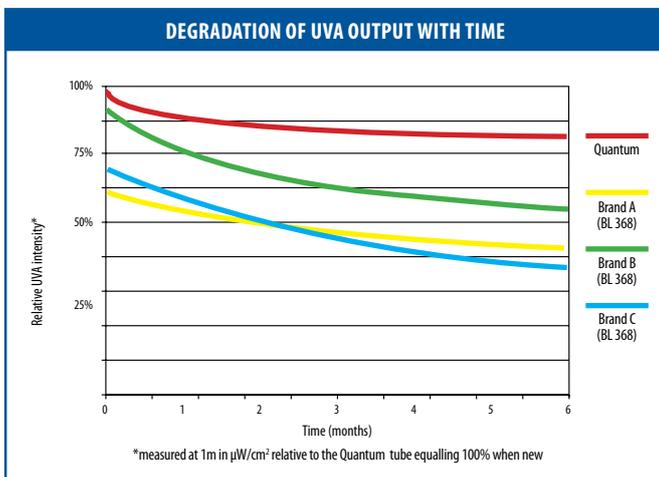
Quantum tubes are manufactured to the highest quality using the latest water-based phosphor technology.

## MAINTAINING HIGH UVA OUTPUT

UVA light emitted from tubes varies greatly depending on the type of phosphors used and the quality of the manufacturing process. The wrong phosphor mix and any lack of quality control leads to very low product performance.

The special phosphor mix used in Quantum tubes and a quality control system to international standards give high initial UVA output while maintaining more UVA light over the tube's lifetime (see graph below).

As a result, PestWest Quantum tubes guarantee the user highly effective performance throughout their entire life-span.



The study on the UVA light output above compares the PestWest Quantum tubes against several popular generic BL368 UVA tube brands.



## MAXIMUM SAFETY WITH FEP SHATTERPROOF COATING

Not all shatterproof coatings are the same because their quality depends on the material used.

Quantum shatterproof tubes are coated with a high quality FEP shatterproof coating which has an excellent UVA-transmission of up to 94%.

The FEP coating also features excellent impact resistance and guaranteed glass retention. It will not melt, flake, discolour nor drip and complies with international standard IEC 61549 for shatterproof tube coatings.



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