The new range of fly killer devices by Rentokil uses light-emitting diode (LED) technology, and aims to save money as well as deliver quality, says the environmentally friendly pest control service

According to Rentokil, 45 percent of businesses that have suffered fly infestation in the past five years report a moderate to high concern about loss of income and productivity.

For three years Rentokil has been analysing LED technology and testing its new units against the market. Rentokil believes the technology is now at a point that its benefits can be leveraged for customers, due to lower cost and enhanced performance of the newer LEDs.

Rentokil undertook months of testing at the Rentokil Global Science Centre, working with the key players in developing this technology, and trialling prototypes all over the world. At the same time, it gathered feedback from customers and tested the products' effectiveness. The company is now proud to announce the launch of the new fly killer range: Lumnia.

Mario Pluke, national technical manager at Rentokil, says: “Lumnia is the first electric fly-killer range in the world to use LED lighting rather than traditional blue-light fluorescent tubes.

“The Lumnia range is a result of working in partnership with a leading manufacturer of LEDs. The switch from traditional fluorescent tubes allows for an estimated average reduction in energy consumption of 60 percent when compared to similar units.”

In addition to the energy saving benefits of using LEDs, the unit has different lighting settings to suit the requirements of specific locations, as well as an active lighting mode that adapts output

according to the ambient lighting levels at individual premises, further reducing energy costs.

“The unit has improved serviceability, which reduces the number of times that our fly killers need to be serviced at heights. It also offers several energy modes: from high, to medium and low. It also offers an active mode, which continuously adapts to ultraviolet (UV) levels and the conditions of the customer’s premises,” says Pluke.

This unit has a modular design, which can be used on a glue board or in an encapsulation unit, and offers a control or monitor option depending on infestation levels.