

# VECTOTHOR™

## FLY CONTROL LIGHT TRAPS



VECTOTHOR delivers European design excellence in combination with University proven performance benefits to create the most effective fly management system on the market.

### KILLS MORE FLIES - FASTER

EXCLUSIVE TO VECTOTHOR FLY CONTROL LIGHT TRAPS

Most powerful UV-A light on the market



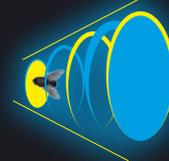
VECTOTHOR Natural UV-A Light Technology™



VECTOTHOR Natural Contrast Grid™



VECTOTHOR Heat Seeker Technology™



Temperature optimised glueboards



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VECTOTHOR  
FLY CONTROL





# VECTOTHOR

FLY CONTROL

Leading edge solutions that guarantee the highest catch rates make VECTOTHOR Fly Control Lights Traps the premium choice for HACCP food management programs, the hospitality industry, hospitals, indeed for anyone who wants peak performance in their fly management program.

**VECTOTHOR FLY CONTROL LIGHT TRAPS USE CUTTING EDGE SCIENCE TO FLY AHEAD OF THE COMPETITION**

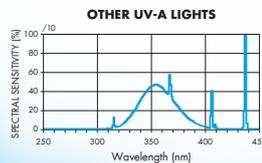
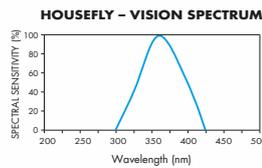
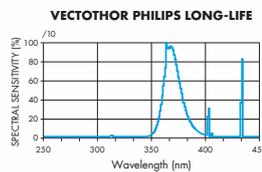
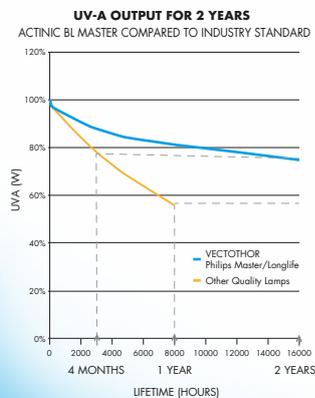


## PHILIPS Long-life UV-A Lamps®

**PHILIPS Long-life UV-A Lamps® need only be changed every two years and deliver nearly twice as much UV-A light as the nearest competitor - and last twice as long!**

With the UV-A light output optimized to perfectly match the house fly's vision spectrum this guarantees you catch more flies more quickly.

The PHILIPS Long-life UV-A Lamps are also shatterproof and more energy efficient. The fluorescent powder used in the production of the lamps is water based, and no toxic Butyl compounds (as used in all other lamps) are employed. When combined with 50% less glass than competing lamps, lead-free glass and the lowest levels of mercury of any UV-A lamp in the market; the PHILIPS Long-life UV-A Lamp also gets an Environmental Tick of Approval.



## PHILIPS UV-A Long-life Lamp - Targeted at the House Fly Vision Spectrum.

The house fly vision spectrum is totally focused on observing UV-A light in the spectrum 300 – 420nm, peaking at about 360nm. The Philips Long-life lamp closely matches this spectrum, thus optimising the attraction of flies.

Other lamps provide significantly less UV-A light, which is spread over a wider spectrum, thus limiting their attraction and kill of flies. And other lamps only remain effective for 6 - 9 months at the most; compared to the two (2) years guaranteed effectiveness provided by the Philips Long-life lamp.



KITCHENS



HOTELS



FOOD PRODUCTION



OFFICES



RESTAURANTS



Environmentally responsible design

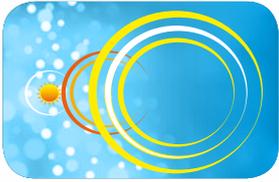


HACCP Compliant



ENSYSTEX Quality Satisfaction or a full refund  
ENSYSTEX Support 24HRS 365 Days a year

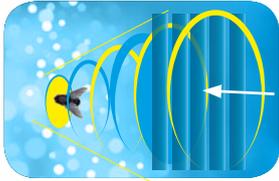
## VECTOTHOR Natural UV-A Light Technology™



House flies are naturally attracted by the UV-A light present in sunlight. Sunlight provides a constant source of light. Most UV-A Light Traps use a magnetic ballast and starter and operate at 50Hz.

This means the actual light source is flashing on and off, fifty times a second. We cannot observe this; however flies, with their totally unique eye structure, see this as a flickering, less-than-natural light source. VECTOTHOR uses an exclusive **High Frequency Electronic Light Pulse** that operates at 10,000 cycles per second; so flies see our light as a constant beam, just like natural sunlight. Consequently far greater attraction is shown to the VECTOTHOR lamps.

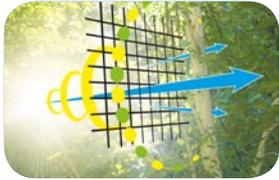
## VECTOTHOR Heat Trapment™



The unique louvers in the VECTOTHOR PEREGRINE Light Trap, coupled with our High Frequency Electronic Light Pulse, allow us to create a **temperature trap targeted to 27° - 28° Celsius (81° - 82° Fahrenheit)** - the ideal temperature for most flying insects.

This further increases the attraction potential of the VECTOTHOR PEREGRINE. It also triggers insects seeking infrared light to enter the VECTOTHOR PEREGRINE. Moreover the louvers trap the flies that have landed on the unit, which means faster catch rates on the glueboards and fewer flies exiting the unit.

## VECTOTHOR Natural Contrast Grids™



VECTOTHOR Light Traps employ a **Natural Contrast Grid** to mimic the natural way light is broken up when it shines through trees.

Flies evolved 65 million years ago, seeking their food in tropical forests; so they are naturally attracted to areas of light and shade as this was how they located the food on which they fed.

## Temperature Optimized Glueboards



All the VECTOTHOR Light Traps use glueboards to trap flies in full compliance with **HACCP Food Industry Guidelines**. All glueboards are optimized to ensure total entrapment of the flies, even in tropical temperatures. A silicone paper coating also ensures the boards can be quickly and simply replaced.

## Fly Counting Software



VECTOTHOR Fly Count Software enables fast counting of flies caught on the boards. In accord with **HACCP principles this permits storage of historical data**, trend analysis per location or client, and digital storage of the glueboard (which can be accessed later for further analysis)



RESTAURANTS



CAFES



WET INDUSTRIAL ENVIRONMENTS



HOMES



SHOPS

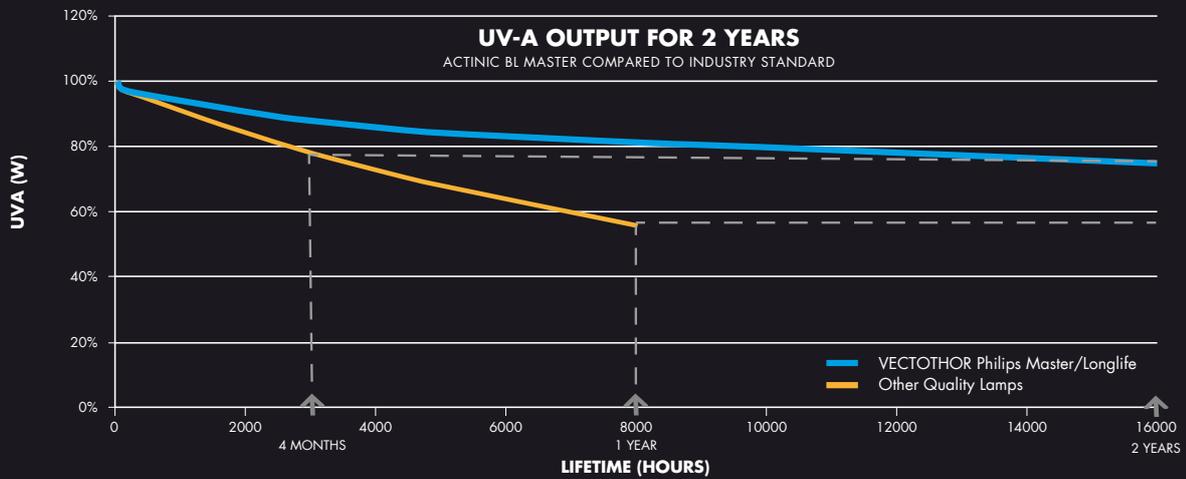


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## KILLS MORE FLIES - FASTER

POWERED BY PHILIPS Long-life UV-A Lamps®



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