VECTOTHOR
High-Performance
LED RANGE

Lighting the Future For Insect Control

FEATURING
Dynamic Oscillation Pulse Technology™

ENVIRONMENTALLY RESPONSIBLE
Uses up to 50% less power than traditional models

ENSYSTEX™

WHY VECTOTHOR?

LED INSIDE

IT'S IMPORTANT TO USE THE BEST

House flies (*Musca domestica* Linnaeus) are not the cleanest of insects! They visit sewers and garbage bins, and feed on faecal matter, discharges from wounds, sputum, and all sorts of decaying matter such as spoiled fish, eggs and meat.

The flies regurgitate and excrete wherever they come to rest, including on your food!

They are strongly suspected of transmitting at least 65 diseases to humans, including *E coli*, salmonella, typhoid, dysentery, cholera, poliomyelitis, yaws, anthrax, tularaemia, leprosy, tuberculosis and more!

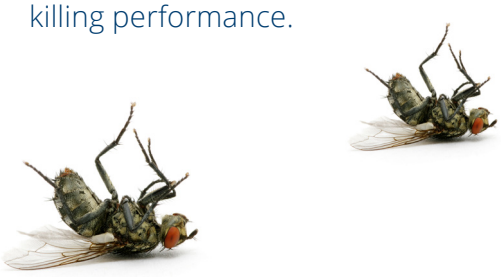
Which is why you don't want to take the expedient route of simply putting up the cheapest light trap, just to tick the box that you have a trap in place. You need to use a system that has been University tested and proven to keep your customers safe.

VECTOTHOR DYNAMIC OSCILLATION PULSE TECHNOLOGY™

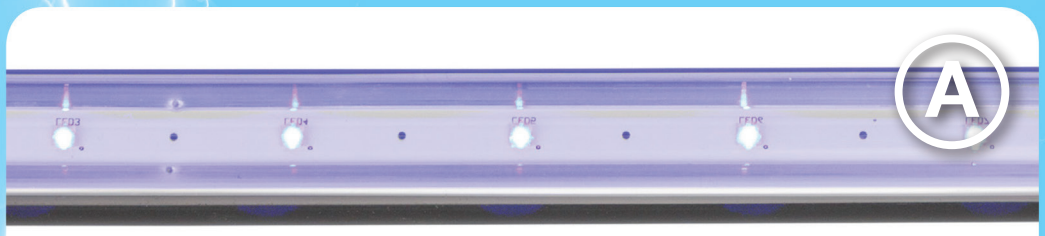
This unique technology is essential to provide fly trapping performance equal to, or better than, that provided by traditional fluorescent lamp fly trap models.

A highly proprietary logarithm has been developed to cause fluctuations in the light beam that are imperceptible by people, but that greatly influence and improve fly catch rates.

Early in the development process of producing a high-performance LED lamp, it became clear that fly landing behaviour was negatively impacted by LED lights and, as a direct consequence, kill rates were reduced. This led to the development of our VECTOTHOR Dynamic Oscillation Pulse Technology™ to provide class leading fly killing performance.



LED INSIDE



VECTOTHOR uses Class-A LEDs, which comply to the highest standards.

ASTRON ECO-LED UV-A™ LAMPS – EXCLUSIVE TO VECTOTHOR

ASTRON UV-A Lamps produce UV-A light optimised to perfectly match the house fly's vision spectrum, to guarantee you catch more flies more quickly when linked to our **VECTOTHOR Dynamic Oscillation Pulse Technology.**

- **Low energy – high brightness** Provides significant cost and energy savings and creates less greenhouse gases
- **3-year long-life LED lamps** Cost-saving and more responsible management of our resources.
- **Uniquely shatter-proof design** No glass is used in the construction of ECO-LEDs.
- **Lamps do not require a ballast** Operates when connected directly to the mains power.
- **CE-Approved**
- **Mercury and Lead free**
- **acc. IEC 60.335-259 International Standard** for Insect Exterminators through TUV-Rheinland.
- **Compliant with RoHS Standards** (Removal of Hazardous Substances), there are zero harmful substances in ASTRON UV LED lights.
- **VECTOTHOR temperature optimised glueboards** for use in HACCP food-safety environments

REACH compliant

BETTER INSECT CONTROL BETTER FOR THE ENVIRONMENT

VECTOTHOR UV TESTER

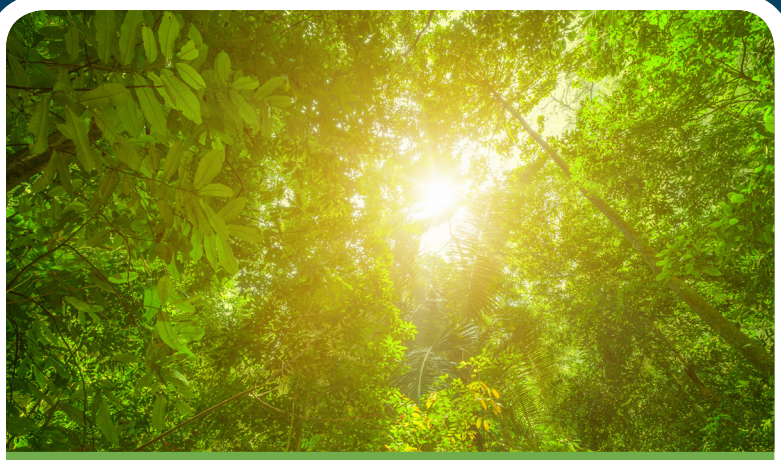
Since UV Light is invisible to the human eye, it is impossible to tell if a lamp is emitting UV-A light.

The VECTOTHOR UV Tester allows you to measure the amount of UV-A light emitted by your UV-A lamps.

In fact, unless you are using VECTOTHOR already, you might be surprised at how little UV-A light is coming off many other lamps!

VECTOTHOR INSECT COUNTING SOFTWARE

VECTOTHOR Insect Count Software enables fast counting of insects caught on the glueboards.



VECTOTHOR NATURAL CONTRAST GRIDS™

VECTOTHOR Light Traps employ a Natural Contrast Grid to improve catch rates: it mimics the natural way sunlight is broken up when it shines through trees.

VECTOTHOR TEMPERATURE OPTIMISED, SAFETY-COMPLIANT GLUEBOARDS

VECTOTHOR Light Traps use glueboards to trap insects in full compliance with HACCP Food Industry Guidelines.

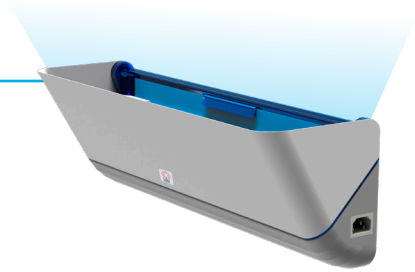
VECTOTHOR glueboards employ an elastomer, a tackifying resin and a softener for premium trapping. VECTOTHOR glueboards are made in Europe and all are uniquely REACH Compliant for your safety.

REACH compliant

RESIDENTIAL / PROFESSIONAL

Unique design

Directs UV-A light upwards



VECTOTHOR
Falcon LED

The VECTOTHOR Falcon LED's unique design directs UV-A light upwards, providing discreet protection in areas where your patrons are present.

For use in offices, cafés, restaurants and shops.

COVERS 50+m²

Light source:	15 W ASTRON ECO-LED UV-A™ LAMP
Weight:	approx. 2 kg with light tubes fitted
Material:	HDPE plastic chassis with full metal front panel
Power consumption:	11 W
Degree of protection:	IP 20
Mounting position:	Wall mounted
Dimensions (LxWxD):	494 x 147 x 165 mm

VECTOTHOR
Osprey LED

With its discreet design, the VECTOTHOR Osprey LED has a 30% improved performance over conventional units due to its unique attraction grid, which reflects the light onto the landing spot thereby stimulating the landing behaviour of flying insects.

For use in kitchens, hotels, food production, offices, cafés, restaurants and shops.

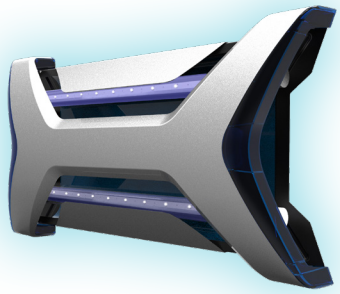
COVERS 100+ m²

Light source:	2 x 15 W ASTRON ECO-LED UV-A™ LAMPS
Weight:	approx. 4 kg with light tubes fitted
Material:	Coated steel casing, cover/grid ABS plastic
Power consumption:	22 W
Degree of protection:	IP 20
Mounting position:	Wall mounted
Dimensions (LxWxD):	470 x 325 x 100 mm

THE RANGE THAT'S LIGHTING THE FUTURE OF FLY CONTROL, USING VECTOTHOR'S **DYNAMIC OSCILLATION PULSE TECHNOLOGY™**

LED INSIDE

INDUSTRIAL / LARGE COMMERCIAL



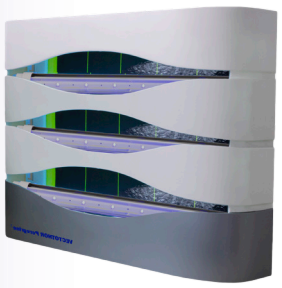
VECTOTHOR
Buzzard LED

Easy to service, stylish and effective, the VECTOTHOR Buzzard LED offers it all. Its discreet design enables fast and simple maintenance.

For use in kitchens, hotels, food production, offices, cafés, restaurants and shops.

COVERS 100+ m²

Light source:	2 x 15 W ASTRON ECO-LED UV-A™ LAMPS
Weight:	approx. 4.5 kg with light tubes fitted
Material:	Coated steel casing, cover/grid ABS plastic
Power consumption:	22 W
Degree of protection:	IP 20 (drip proof)
Mounting position:	Wall or ceiling mounted
Dimensions (LxWxD):	538 x 103 x 311 mm



VECTOTHOR
Peregrine³ LED

With its totally unique design and powerful insect trapping features, the VECTOTHOR Peregrine³ LED is designed for the most severe flying insect problems.

For use in kitchens, hotels, food production, offices, cafés, restaurants and shops.

COVERS 150+ m²

Light source:	3 x 15 W ASTRON ECO-LED UV-A™ LAMPS
Weight:	approx. 6 kg with light tubes fitted
Material:	Coated steel casing, cover/grid ABS plastic
Power consumption:	33 W
Degree of protection:	IP 20
Mounting position:	Wall mounted
Dimensions (LxWxD):	520 x 150 x 365 mm

VECTOTHOR™

FLYING INSECT CONTROL

HACCP Compliant

VECTOTHOR HIGH-PERFORMANCE LED is the first choice for use in HACCP Food Management environments, restaurants, hotels, hospitals, and wherever you are serious about preventing disease transmission by flies and other flying insects.

ENSYSTEX™

LEADING INNOVATION IN PEST MANAGEMENT

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www.VECTOTHOR.com

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