VECTOTHOR™

FLYING INSECT CONTROL

POWERED BY LG UV-A LED TECHNOLOGY developed through one of the world's leading UV LED patent portfolios.

THE BREAKTHROUGH THAT UNLOCKS LED CONVERSION

Finally, a true plug-in LED retrofit lamp for all fluorescent insect light traps.



GLOBAL-FIRST INNOVATION

360° ROTATING LAMP CONNECTOR (END CAP)

- ✓ No need to replace your current fluorescent insect light trap
- ✓ No rewiring or modifications
- ✓ No capital replacement programme

Just a routine lamp change!

The **ASTRON UV LED II 15R-HF** converts any fluorescent light trap to a high-performance LED with a simple lamp replacement.

Designed for INSECT LIGHT TRAPS using standard 15 W fluorescent UV-A lamps with electronic or magnetic ballasts.

LED INSIDE

www.VECTOTHOR.com

ENSYSTEX®

LEADING INNOVATION IN PEST MANAGEMENT

WHY THIS CHANGES EVERYTHING

IT'S THE CHANGE THAT MAKES SENSE

For organisations with dozens, hundreds or thousands of insect light traps, the **ASTRON UV LED II 15R-HF** makes LED conversion economical and practical. Existing installations can be upgraded during routine maintenance, thereby significantly reducing future energy use and operating costs while extending the life of existing equipment.

AROUND **50%** LOWER ENERGY CONSUMPTION

25% MORE UV-A LIGHT

25,000-HOUR OPERATING LIFE

AROUND **70%** LESS LAMP WASTE

9 W POWER CONSUMPTION

5 W UV-A OUTPUT

SHATTER-PROOF DESIGN NO GLASS USED

TÜV CERTIFICATION MEETS ALL INTERNATIONAL STANDARDS

ENERGY SAVINGS + 3-YEAR LAMP LIFE USUALLY OFFSETS THE LAMP COST!

= BIG FINANCIAL & ENVIRONMENTAL BENEFITS

BUILT WITH WORLD-LEADING COMPONENTS

We are the exclusive partner of LG Lekin for their UV-A LED diodes. LG is the global leader in LED technology with over 1200 patents held.

All our LED diodes are Class-A for added reliability and improved performance.

The lenses we use with the diodes to focus the light are produced in Japan and the diffusor technology developed in Germany.

Designed in the Netherlands, the VECTOTHOR ASTRON UV LED II 15R-HF is leading the world.

ASTRON LED: ADVANCED TECHNOLOGIES

- **Lumeflux Pro™:** Diffuses UV-A light evenly across the lamp surface to enhance fly attraction.
- **Dynamic Oscillation Pulse Technology™:** Subtle light pulses improve fly attraction and capture efficiency.
- **EcoBright™ Performance:** Uses around 50% less energy while producing best-in-class levels of fly-attracting UV-A light.
- **Long Operating Life:** Delivers up to 25,000 hours of performance, reducing replacement costs and lamp waste.
- **EcoPure™ Construction:** Mercury-free, lead-free and toxin-free, with RoHS and REACH compliance.
- **Shatterproof Design:** Contains no glass for safer handling and use.

THE SIMPLEST, MOST COST-EFFECTIVE PATH FROM FLUORESCENT TO LED EVER DEVELOPED.

COMPATIBILITY, PERFORMANCE & SPECIFICATIONS

COMPATIBILITY

The **360° ROTATING LAMP CONNECTOR** provides adjustment in 24 steps of 15° to suit vertical, horizontal and angled pin mounts ensuring it fits all insect light traps.



DESIGNED FOR INSECT LIGHT TRAPS USING STANDARD 15 W FLUORESCENT UV-A LAMPS.*



ASTRON UV LED II 15R-HF SPECIFICATIONS

Lifetime	25,000 hours
UV-A output	5 W
Power consumption	9 W
Wavelength	365–373 nm (peak at 368 nm)
Electrical supply	100-277 V/50-60 Hz
IP ratings	Suitable for IP20, IP65
CE/CB approved	Yes (including RoHS declaration)
Guarantee period	2 years on electrical failures *(mechanical defects excluded from guarantee)*

EXCLUSIVE ASTRON TECHNOLOGIES = HIGHEST UV-A OUTPUT ON THE MARKET

LED INSIDE

9 W POWER INPUT → **5 W UV-A OUTPUT**

MORE UV-A LIGHT LESS WASTED ENERGY

HIGHEST UV-A OUTPUT ON THE MARKET

MORE UV-A LIGHT FROM EVERY WATT

The advanced UV-A LED technology used in the ASTRON UV LED II 15R-HF converts electrical energy into UV-A light more efficiently than any other LEDs on the market.

This means more of the lamp's power is delivered as the UV-A light that attracts flying insects, **PROVIDING EXCEPTIONAL UV-A OUTPUT FROM JUST 9 W OF ENERGY.**

VECTOTHOR™
FLYING INSECT CONTROL
www.VECTOTHOR.com

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*ALSO FITS ALL VECTOTHOR LED MODELS.