LEADING EXPERIENCE DEVICE

NEW UV FLY TRAPS SATURN® LED AND FLY-TEC® LED

ORMA

WHY MOVING TO LED?

GREEN SAVING

LOWER EXPENSES

LOWER CO_2 EMISSIONS

LOWER WASTE

NO MERCURY

NO BROKEN GLASS

SAFETY

DOWNLOAD T.D.S. SATURN LED

DOWNLOAD T.D.S. FLYTEC LED

ORMA

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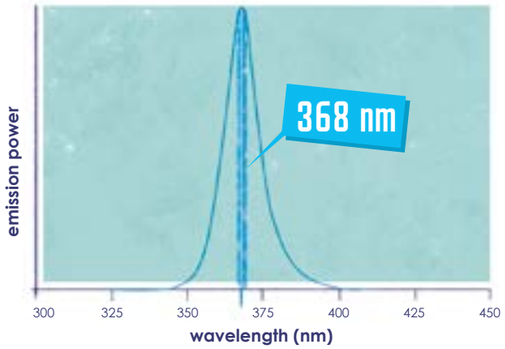
THE LED TECHNOLOGY

LED ***(Light Emitting diode)*** are nowadays commonly used in our houses for several purposes. Their application is based on the ability of some materials to light up when crossed by electricity.

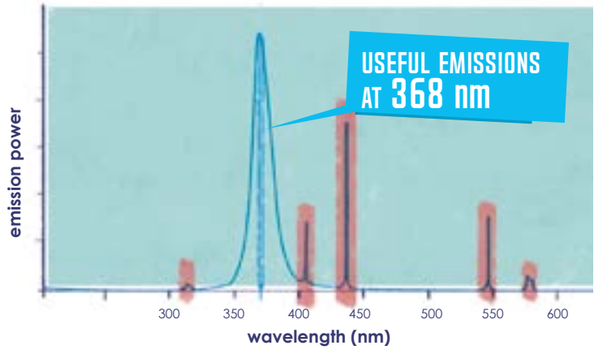
As the type of light depends on employed material, selecting the right product the lamp can produce only the wavelength requested for our purpose.

This characteristic has positive implications in **PEST CONTROL**, to select one wavelength, attractive for flying insects **(368 nanometers)**, allows us to **OPTIMIZE CONSUMES AND EFFICIENCY** as shown by the graphics below.

DISTRIBUTION OF LED EMISSION



DISTRIBUTION OF NEON TUBES EMISSION



BENEFITS OF LED IN PUBLIC SPACES

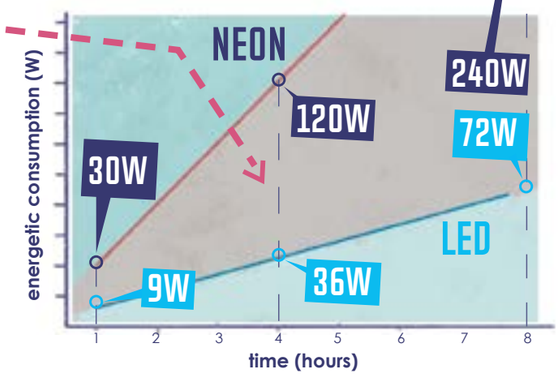
The placement of a UV LED fly traps is exactly the same of a classic UV fly trap.

The biggest added value of the LED technology is the **absence of visible radiated light**: the feature **REDUCES THE VISIBLE IMPACT OF THE MACHINE**, which in some environments could result a too heavy presence.

LOWER CONSUMPTIONS

The led technology generates an **IMMEDIATE, DIRECT AND UNINTERRUPTED SAVING** due to a lower energy consumption than traditional UV tubes.
Moreover, LED need **LESS MAINTENANCE**, bringing an extra savings in spare parts and labor costs.
A typical industrial system brings to an **ANNUAL SAVING OF 500€***.

**Saving calculated on a system of 10 traditional fly traps of 30W.*



RESPECT FOR PEOPLE AND ENVIRONMENT

LED tubes are the environmentally superior choice, due to the environmental risk associated with the accidental breakage of traditional UV tubes.

In particular there are **NO RISKS OF MERCURY CONTAMINATION**, a risk that UV tubes often entails environmental recovery operation or interruptions to production, with consequent additional costs.

A lower energy consumption means also **LOWER CO_2 EMISSIONS** into the environment. Additionally, LED strips have a longer lifespan than traditional UV tubes, with a resulting **REDUCTION** in the production of **WASTE AND ENVIRONMENTAL IMPACT**.

LESS CO_2 EMISSIONS

LESS WASTE

HIGHER SAFETY STANDARDS

LED bars are **SHATTERPROOF: THEY DON'T CONTAIN ANY GLASS, THEY DON'T LEAVE ANY SHARDS**, guaranteeing high safety standards for sensible areas.

NO BROKEN GLASSES

SHATTERPROOF NATIVE

THE UV EMISSION IS INDIRECT AND CONTROLLED.
Our LED are compliant to **EN 62471:2006** standards about operators' exposure to light sources.