



*THE LATEST UV
INNOVATION*

15 WATT LED

LED technology has been developed by the lighting industry over the past decades. This innovative technology offers clear energy savings over the more traditional lighting technologies, such as the well-known fluorescent lamps.

ASTRON UV
INSECT CONTROL LAMPS

ASTRON^{UV} LED 15 WATT

Recently special LED's have entered the market, which have the ability to generate ultraviolet light; UV-A LED's. These special LED's form the heart of a new generation UV-A lamps; the ASTRON UV LED 15 Watt lamp. The fact that the name of this new LED lamp mentions 15 Watt lies in the fact that this lamp replaces a traditional 15 Watt lamp and for this it only needs 11.5 Watts to offer the same UV-A output performance

Advantages ASTRON^{UV} LED 15 Watt lamp

- The ASTRON UV LED 15 Watt lamp is designed for low power consumption and high brightness.
- There are no harmful substances in the ASTRON UV LED 15 Watt lamp.
This is an eco-friendly product.
- The ASTRON UV LED 15 Watt lamps complies to the int. standards and are perfectly safe to use.
- Specially designed single ultraviolet wavelength, optimised for insect control. The perfect replacement lamp for the 15 Watt mercury lamp.
- The ASTRON UV LED 15 Watt lamp does not require a ballast and operates when connected directly to the mains^{*1}.
- The ASTRON UV LED 15 Watt lamp only consumes 11.5 Watt and offers significant energy savings over the traditional 15 Watt lamp.
(see the table here below)
- The ASTRON UV LED 15 Watt lamp has an operational lifetime of 25.000 hrs
*(3 years of constant use^{*2})*
- The ASTRON^{UV} LED 15 Watt lamp uses class A LED's which comply to the highest standards. This ensures for a trouble free usage.
- The ASTRON^{UV} LED 15 Watt lamp is executed in a full shatterproof executed design *(no glass is used)*
- **Guarantee period: 2 years, return to base**

^{*1} (Spec: 100-240 V ~ 50-60 Hz)

^{*2} After 25.000 hours a loss in UV-A output is to be expected of 30 %

Technical specifications

No	Lamp and ballast combination	Typical energy consumption per hour (W)	Energy consumption per year (kW) (8760 hrs)	Energy saving of the ASTRON ^{UV} LED 15 Watt lamp (kW)
1	Traditional 15 Watt lamp and high frequency ballast	16.5	145	44
2	Traditional 15 Watt lamp and magnetic ballast	20	175	74
3	ASTRON^{UV} LED 15 Watt lamp <i>(with internal driver)</i>	11,5	101	

