

**ASTRON**   
Astron 9W LED II lamp

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*THE LATEST UV  
INNOVATION*

## 9 WATT LED II

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. And will replace these in the coming years.

**ASTRON**   
INSECT CONTROL LAMPS

# ASTRON<sup>UV</sup> LED II 9 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 II 9 watt lamp. This latest generation of the Astron UV LED II 9 watt lamp offers the same UV-A output as a 15 watt fluorescent lamp, but uses only 9 watt to achieve this.

## Advantages ASTRON<sup>UV</sup> LED II 9 watt lamp

- The ASTRON UV LED II 9 watt lamp is designed for low power consumption and high brightness.
- There are no harmful substances in the ASTRON UV LED II 9 watt lamp.  
*This is an eco-friendly product.*
- The ASTRON UV LED II 9 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 II 9 watt lamp does not require a ballast and operates when connected directly to the mains<sup>\*1</sup>.
- A special diffuser on the inside of the Astron UV LED II 9 watt lamp ensures that the UV-A light is emitted homogeneously, which provides for a better insect attraction.
- The ASTRON UV LED II 9 watt lamp only consumes 9 watt and offers significant energy savings over the traditional 15 watt lamp.  
*(see the table here below)*
- The ASTRON UV LED II 9 watt lamp has an operational lifetime of 25.000 hrs  
*(3 years of constant use<sup>\*2</sup>)*
- The ASTRON<sup>UV</sup> LED II 9 watt lamp uses class A LED's which comply to the highest standards. This ensures for a trouble free usage.
- The ASTRON<sup>UV</sup> LED II 9 watt lamp is executed in a full shatterproof executed design  
*(no glass is used)*
- **Guarantee period:** 2 years on electrical failures  
*(mechanical defaults are excluded from guarantee)*

<sup>\*1</sup> (Spec: 100-240 V ~ 50-60 Hz)

<sup>\*2</sup> 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 <sup>UV</sup> LED II 9 watt lamp (kW)
1	Traditional 15 watt lamp and high frequency ballast	16.5	145	66
2	Traditional 15 watt lamp and magnetic ballast	20	175	96
3	<b>ASTRON<sup>UV</sup> LED II 9 watt lamp</b> <i>(with internal driver)</i>	9	79	

2023-1

