

**ASTRON** UV  
Astron 9W LED II lam

**IP65**

**ASTRON** UV  
ASTRON UV LED II 9W CN

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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** UV  
UV CONTROL LAMPS



↑65%  
fly catch



↓60%  
running costs



↓70%  
energy saving



↓65%  
carbon emissions

**ASTRON**   
UV CONTROL LAMPS

# ASTRON<sup>UV</sup> LED II 9 WATT

Working at the cutting-edge front line of LED UV-A lamp technology Alcochem is pleased to bring the next generation of class-leading LED UV-A lamps to the market - *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 Watts 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 lamp complies to the international standards and is perfectly safe to use.
- Specially designed single ultraviolet wavelength, optimised for insect control. The perfect replacement lamp for the 15 Watt fluorescent lamps.
- 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 better insect attraction or makes dust particles become more visible.
- The ASTRON UV LED II 9 Watt lamp only consumes 9 Watts and offers significant energy savings over traditional 15 Watt lamps.  
*(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 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)<br>(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><br><i>(with internal driver)</i> | 9                                       | 79                                             |                                                                   |



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