UV-Consulting Peschl España®
Su socio en tecnología ultravioleta

# PRODUCT DATA



## EOSUV5020

### High-power UV module for Surface disinfection!

High-performance, high-intensity modular UVC system (exceeding 100 mW/cm2 at 20 mm distance from the window). It features convection cooling, eliminating the need for forced air. The system utilizes special UV filters on the upper part to enhance cooling while preventing the leakage of UV radiation harmful to operators.

The ballasts and electronic control are integrated within the same housing, avoiding the need for external control systems. It also includes several status LEDs to visualize the operation and condition of the lamps and equipment.

The device is delivered ready for turn-on. The module contains 10 specialized UV lamps with an integrated reflector, engineered to operate under convection conditions. Optionally, the system can be supplied with control I/O for operation via external PLCs.

**Main characteristics:**

- Robust stainless steel construction.
- Requires no forced-air cooling.
- System designed for straightforward installation.
- Optimized lamps with integrated reflectors.

**Applications:**

- General surface disinfection.
- Packaging material disinfection.
- Caps and closures disinfection.
- Film disinfection.
- Lacquer pre-curing.





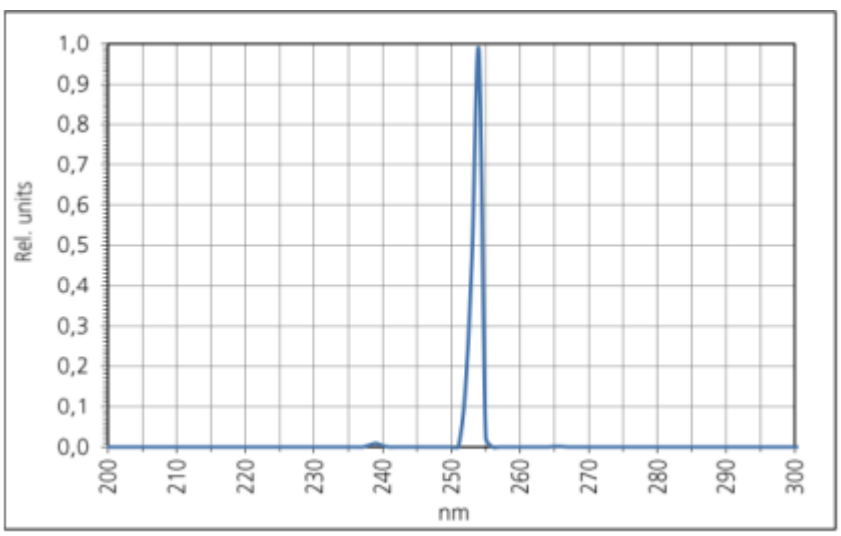
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# PRODUCT DATA

## Technical Characteristics

| Name | EOSUV5020 |
|---|---|
| Reference | DS41021 |
| Material | Stainless steel (1.4301) |
| Size LxWxH (mm) | 1055x272x130 |
| UV Window LxW (mm) | 500x200 |
| Mounting | 8 x M8 |
| Operating temperature | -10ºC to 40ºC |
| IP rating | IP 20 |
| Irradiance | 100 mW/cm$^2$ at 20mm from the window |

## Emission spectrum






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