

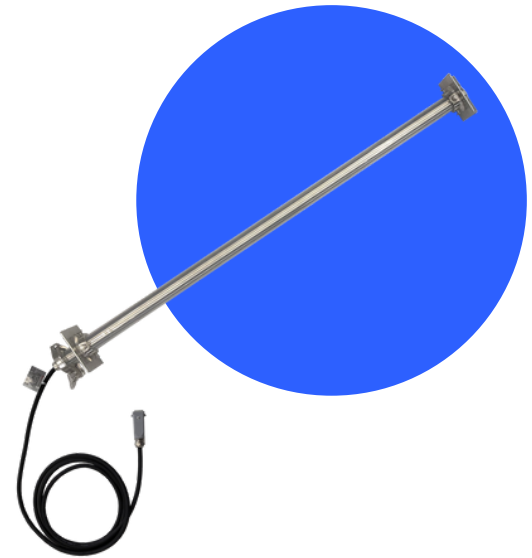


## DURABLE DISINFECTION, COMPLETE PROTECTION

The **IP 69K** rated UV-STYLO-K is a versatile and effective addition to any transport and packaging lines, **any kind of conveyor belts**, flow packs, thermoforming machines, cooling tunnels, automatic scales, and more.

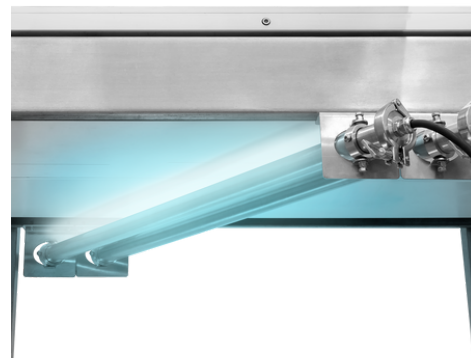
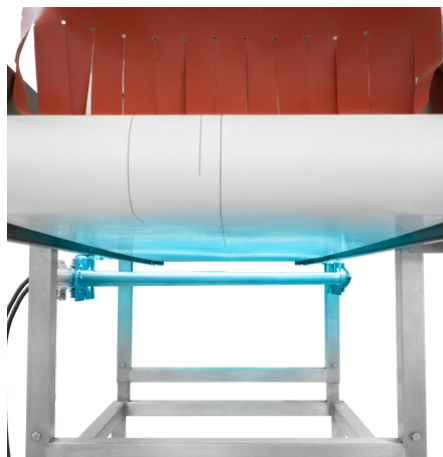
Protected against aggressive and high-pressure cleaning cycles, **including Clean-in-Place (CIP)**, employed in hygienic processing industries where it's essential to produce product that is pure and safe to use.

UV-STYLO-K is widely used in **food handling & processing**, pharmaceutical R&D and production, and microbiological laboratories.



## KEY PRODUCT FEATURES

- **One Lamp, Endless Configuration**, easily combined and managed through a control board or powered separately.
- **Optimal Disinfection Performance**, with a High-Output UV-C lamp (253,7 nm) enclosed in a **Quartz Sleeve and a UVLON protective sleeve** to increase disinfection performances and protect the lamp from splashes and temperatures fluctuations.
- **Built to Last**, made with robust AISI 304 stainless steel, carefully assembled and individually tested.
- **Complete protection against dust, (IP 69K)** high temperature and high pressure water jet cleaning (according to EN 60529: water jets at a pressure of 80 bar to 100 bar and a temperature of 80°C).
- **Extreme Efficiency**, the ultra-compact design is internally coated with **VEGA™ mirror bright** aluminium, for ultimate UV reflection.



HEALTHCARE



HVAC



PROCESS  
INDUSTRY



HOSPITALITY



SHARED  
SPACES



PUBLIC  
VENUS



WELLNESS  
CENTERS



TRANSPORT

| TECHNICAL TABLE                              | UV-STYLO-K-40H   | UV-STYLO-K-60H      | UV-STYLO-K-90H      | UV-STYLO-K-120H     |
|--|--|---------------------|---------------------|---------------------|
| REPLACEMENT LAMP                             | GH4-40WH   | GH6-60WH            | GH9-90WH            | GH11-120W           |
| POWER CONSUMPTION                            | 40W  | 60W                 | 90W                 | 120W                |
| LAMP SIZE (LENGHT INSIDE THE CONTAINER/DUCT) | mm 535<br>(in 21)  | mm 683<br>(in 27)   | mm 993<br>(in 39)   | mm 1274<br>(in 50)  |
|  | ∅= 33.7 mm<br>(1 in)   |                     |                     |                     |
| OPENING WINDOW SIZE                          | 392 mm<br>(15 in)  | 540 mm<br>(21 in)   | 850 mm<br>(33 in)   | 1131 mm<br>(45 in)  |
| WEIGHT                                       | kg 1,5<br>(lb 3.31)  | kg 1,8<br>(lb 3.97) | kg 2.4<br>(lb 5.29) | kg 3,0<br>(lb 6.61) |
| <b>FOR ALL MODELS</b>                        |  |                     |                     |                     |
| LAMP LIFE (hours)*                           | ≤ 18.000   |                     |                     |                     |
| REPLACEMENT LAMP                             | IP69K  |                     |                     |                     |
| OP. TEMPERATURE**                            | MIN. -15°C ÷ MAX. +40°C   (MIN. 5.0°F ÷ MAX. +104.0°F)   |                     |                     |                     |
| OP. RELATIVE HUMIDITY**                      | From 20 to max. 90%  |                     |                     |                     |
| VAC   FREQUENCY                              | 230V o 110-277V   50/60 Hz   |                     |                     |                     |
| POWER SUPPLY                                 | 2 Options available, including Control Board for the management of multiple lamps, with power supply, access security, hour counter, UV lamp fault control and LED synoptic. |                     |                     |                     |
| ELECTRICAL CONNECTION                        | Lamp-side cable (4x1 mm <sup>2</sup> ), lenght 2,5m, neoprene with IP69K plug  |                     |                     |                     |

\* Continuous operation  
 \*\* Outside of these ranges, performance may not be optimal

## TROUBLE-FREE INTEGRATION AND INSTALLATION



- Flanged models –F can be use for applications where you need n 360 degree irradiation of surfaces and a distributed disinfection.
- Mounting and powering the device can be done without complex requirements.
- Ongoing maintanance only takes a few minutes to replace lamps when necessary.

## SOFTWARE ENGINEERED DISINFECTION

From our in-depth know-how on the subject and with our proprietary dosage calculation software we can simulate device performance and validate effectiveness in every application.

[Calculation Software](#)



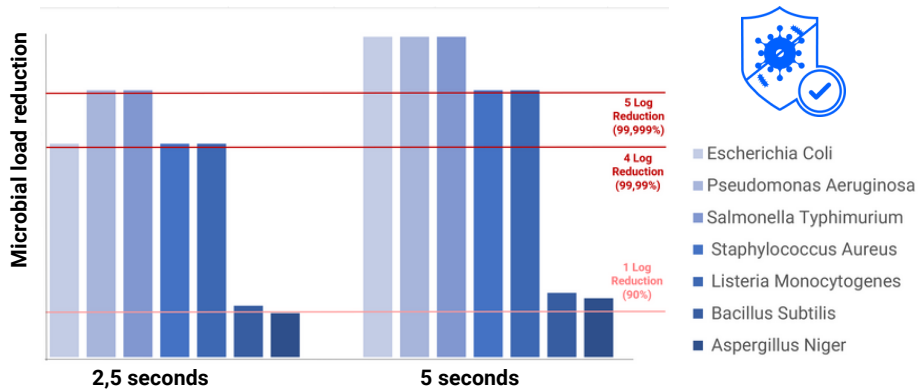
## TECHNICAL DRAWINGS

Every Light Progress Product is available in detailed DWG and STEP files for your design-in and specification clarity.

[VIEW or DOWNLOAD now](#)



## MICROBIAL TESTS AND EFFICACY



**Up-to log5 microbial load reduction, with a 5 seconds treatment at 10 cm from target Surface**

Light Progress customers rely on our extensive history of third party testing and proven efficacy to meet any level of disinfection validated against literally any virus or microorganism.

We understand your need to meet Regulatory Requirements and Industrial Standards as we help you achieve microbial load reduction using our UV systems.

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# POWER SUPPLY OPTIONS AND CONTROL BOARDS



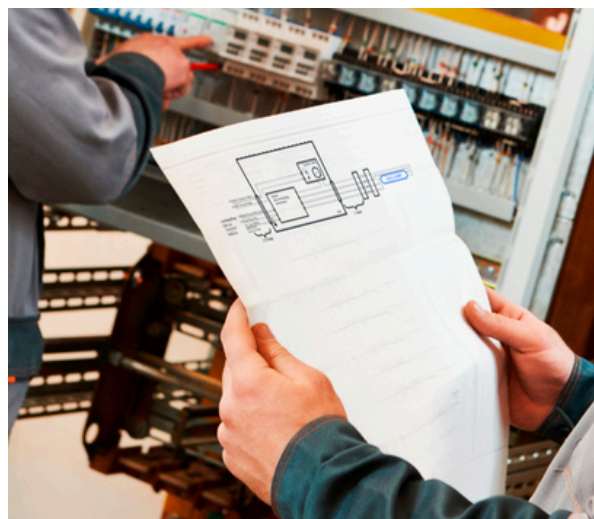
|                  |   | CONTROL BOARD  | SUPPLY BOX "BaK"  |
|------------------|---|--|-------------------|
| UV SERIES        | UV-STYLO-K  | YES  | YES               |
| POWER SUPPLY     | One Ballast each lamp                               | YES  | YES               |
| LAMP DIAGNOSTIC  | LED signal (5V)                                     | -  | -                 |
| LAMP DIAGNOSTIC  | LED signal and Output signal to BMS                 | YES  | YES               |
| LAMP REPLACEMENT | LED signal and Output signal to BMS                 | YES  | -                 |
| POWER SWITCH     | Low voltage input contact from BMS or Safety System | YES  | -                 |
| HOURLY COUNTER   | Digital display with Lamp Replacement LED signal    | YES  | -                 |
| SYNOPTIC VIEW    | Synoptic LED Schema                                 | YES  | -                 |
| MULTI DEVICE     | Management of more than one device                  | YES  | -                 |
| PROTECTION       | IP rating   | Up to 4 devices: IP66/67<br>Up to 8/12 devices: IP45 | for STYLO-#: IP55 |

## LAMP DIAGNOSTIC AND SYSTEM MANAGEMENT

**Timely detection of lamp malfunctions, for prompt maintenance and minimizing downtime.**

The **Supply Box "Ba"** power supply, is equipped with an alarm board that provides an output signal if the UVC lamp encounters any operational issues. This diagnostic output signal is a dry contact that **can be connected to an existing control panel and BMS.**


The **Control Board** allows the management of multiple UVC devices in a single unit, with UVC lamp diagnostic output signals if the UVC lamps encounters any operational issue or its lifetime is expired. It also includes a safety switch to turn on/off the system remotely. The diagnostic output signals and the safety switch **can be connected to an existing control panel and BMS.**



These comprehensive systems ensures **efficient operation, timely maintenance, and enhanced safety**, making it an invaluable tool for managing UVC lamp functionality.

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