



## HASSLE-FREE DISINFECTION

Heat exchangers surface disinfection is the bottom line of AHU's disinfection, UV STICK AL-SCR system make it easy with an **on-coil mounting kit** and the easy power up of multiple devices through 1 single power supply cable.

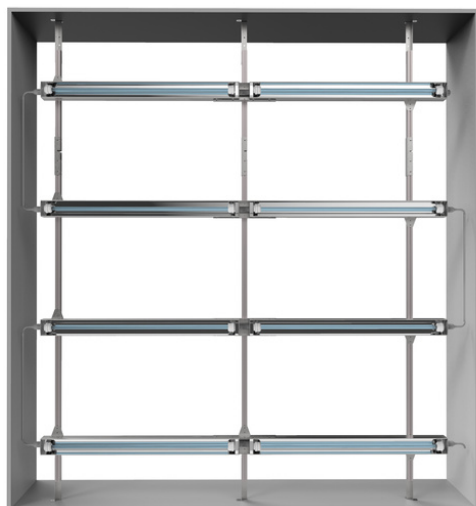
The goal is to **continuously target bacteria, viruses, mold and biofilms that proliferate on Coils, air filters, duct walls and drain pans**, preventing them from becoming reservoirs for pathogen growth.

**“-AL” Model** is made in Aluminum, with a mirror bright parabolic reflector.



## KEY PRODUCT FEATURES

- **Made for the Task**, these single-lamp modules are specific for Coils treatment. They avoids settling and proliferation of Biofilm on the surfaces.
- **One for All**, these single-lamp modules can fit easily in many different environments and include integrated power supplies. Connect and disinfect.
- **Increased Disinfection Performance**, with High-Output UV-C lamps (253,7 nm) and internal mirror bright aluminum reflector.
- **Built to last**, with high-quality material tested to resist UV.
- **Protected**, IP55 Rated with UVLON™ available to avoid glass falling and protect against temperature fluctuations.
- **Combine and Connect**, -SCR models, to connect multiple devices and create your customized disinfection solution, all powered through a single cable.
- **Choose your installation layout**, different mounting kits available, to adapt to all sizes and different kind of surface/coil treatment.



HEALTHCARE



HVAC



PROCESS INDUSTRY



HOSPITALITY



SHARED SPACES



PUBLIC VENUES



WELLNESS CENTERS



TRANSPORT

# TECHNICAL TABLE

|                        | UV-STICK-AL-SCR  |                                     |                                     |                                      |                                      |
|------------------------|--|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
|                        | 40H  | 60H                                 | 90H                                 | 120H                                 | 150H                                 |
| CODE                   | UVSTCK40HALSCR   | UVSTCK60HALSCR                      | UVSTCK90HALSCR                      | UVSTCK120HALSCR                      | UVSTCK150HALSCR                      |
| LAMP LIFE (hours)*     | ≤ 18.000   |                                     |                                     |                                      |                                      |
| REPLACEMENT LAMP       | n°1 CHS-40WHF  | n°1 CHS-60WH                        | n°1 CHS-90WHF                       | CHS-120WH                            | CHS-150WH                            |
| TOTAL CONSUMPTION (W)  | 40   | 60                                  | 90                                  | 120                                  | 150                                  |
| DIMENSIONS l x p x h   | 542 x 80 x 90 mm<br>(21 x 3 x 4 in)  | 705 x 80 x 90 mm<br>(28 x 3 x 4 in) | 999 x 80 x 90 mm<br>(39 x 3 x 4 in) | 1280 x 80 x 90 mm<br>(50 x 3 x 4 in) | 1659 x 80 x 90 mm<br>(65 x 3 x 4 in) |
| WEIGHT                 | 1,4 Kg<br>(3 Lb)   | 1,7 Kg<br>(4 Lb)                    | 2,2 Kg<br>(5 Lb)                    | 2,7 Kg<br>(6 Lb)                     | 3,4 Kg<br>(7 Lb)                     |
| TREATED VOLUME         | 20 ÷ 40 m³<br>(700 ÷ 1400 ft³)   | 30 ÷ 50 m³<br>(100 ÷ 1800 ft³)      | 40 ÷ 65 m³<br>(1400 ÷ 2300 ft³)     | 50 ÷ 80 m³<br>(1800 ÷ 2800 ft³)      | 60 ÷ 100 m³<br>(2100 ÷ 3500 ft³)     |
| TREATED SURFACE        | 7 ÷ 13 m²<br>(75 ÷ 140 ft²)  | 10 ÷ 17 m²<br>(100 ÷ 180 ft²)       | 14 ÷ 25 m²<br>(150 ÷ 270 ft²)       | 17 ÷ 27 m²<br>(180 ÷ 300 ft²)        | 20 ÷ 38 m²<br>(200 ÷ 400 ft²)        |
| PROTECTION RATING      | IP 55  |                                     |                                     |                                      |                                      |
| POWER SUPPLY           | On-board power supply always included.   |                                     |                                     |                                      |                                      |
| ELECTRICAL CONNECTION: | Quick connection IP55 to power up multiple devices through 1 cable, serial connection (-SCR) |                                     |                                     |                                      |                                      |
| JCable1.2AL            | J-Cable-1.2-AL - Electrical serial cable with plug and socket (KIT HVAC) (length 1,2m)       |                                     |                                     |                                      |                                      |
| InCable3.0AL           | In-Cable-3.0-AL - Electrical power wired with plug and end cap, (KIT HVAC) L. 3 m            |                                     |                                     |                                      |                                      |

\* continuous operation

## TROUBLE-FREE INTEGRATION AND INSTALLATION



- We provide the optimal point of integration for every product without requiring changes to your system.
- Mounting and powering the device can be done without complex requirements.
- Ongoing maintenance 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



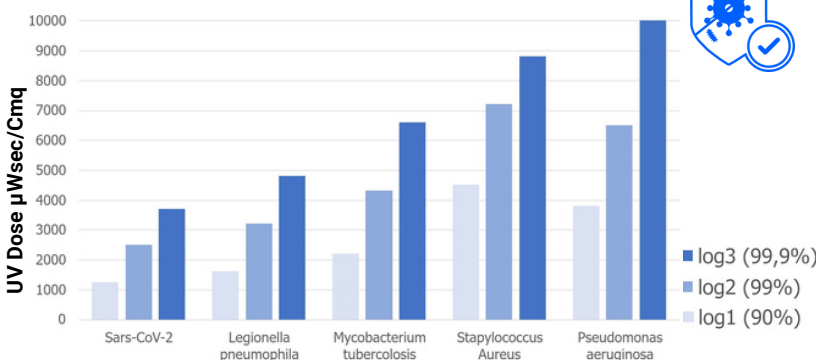
## TECHNICAL DRAWINGS

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 log3 microbial reduction on Airflow, Coils and HVAC surfaces, 24 hours a day.

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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