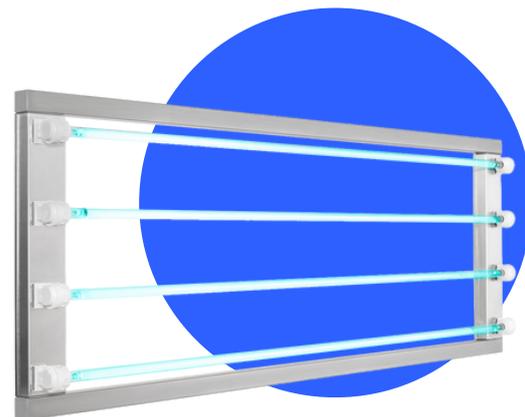




## SIZED TO INSTANT DISINFECTION

A grid of UVC lamps is the key to **treat the entire air flow and enhance filter performances**, UV DUCT-SQ is the perfect device to achieve a total and uniform air disinfection.

UV-DUCT-SQ has been designed to adapt to different sizes and ducts sections, placing one device to cover the surface or matching more devices together side-by-side, one on the other (overlapping), in series, etc. using scroll-in "U" profile, like filters or its original **mounting kit with adjustable sizes**.



## KEY PRODUCT FEATURES

- **Built to perform in any condition**, simplified installation thanks to the mounting kit and "U"-profile;
- **Equally spaced lamps**, to treat homogeneously the airflow, when the duct section is covered;
- **Increased Disinfection Performance**, with High-Output UV-C lamps (253,7 nm), capable of treating large volumes of air;
- **Built to Last**, in high-quality Stainless Steel AISI 304, all material tested for UV resistance;
- **Protected**, resistant to dust and splashes with an IP55 Rating;
- **Integrate and Monitor**, your operation with visual lamp failure alarm signals, hour counter, and lamp replacement alert.



HEALTHCARE



HVAC



PROCESS  
INDUSTRY



HOSPITALITY



SHARED  
SPACES



PUBLIC  
VENUES



WELLNESS  
CENTERS



TRANSPORT

# TECHNICAL TABLE

	UV-DUCT-SQ					
	UVDCTSQ 4/40HCS	UVDCTSQ 4/90HCS	UVDCTSQ 4/120HCS	UVDCTSQ 6/40HCS	UVDCTSQ 6/90HCS	UVDCTSQ 6/120HCS
<b>LAMP LIFE (hours)*</b>	≤ 18.000					
<b>REPLACEMENT LAMP</b>	N° 4 CHS-40WHF	N° 4 CHS-90WHF	N° 4 CHS-120WHF	N° 6 CHS-40WHF	N° 6 CHS-90WHF	N° 6 CHS-120WHF
<b>LAMP POWER (W)</b>	40x4 = 160	90x4 = 360	120x4 = 480	40x6 = 240	90x6 = 540	120x6 = 720
<b>DIMENSIONS</b>	90 x 450 x 496 mm (4 x 18 x 20 in)	90 x 450 x 953 mm (4 x 18 x 38 in)	90 x 450 x 1234 mm (4 x 18 x 49 in)	90 x 600 x 496 mm (4 x 24 x 20 in)	90 x 600 x 953 mm (4 x 24 x 38 in)	90 x 600 x 1234mm (4 x 24 x 49 in)
<b>WEIGHT</b>	5 Kg 11 Lb	5,50 Kg 12 Lb	6 Kg 13 Lb	6 Kg 13 Lb	6,50 Kg 14 Lb	7,00 Kg 15 Lb
<b>PROTECTION RATING</b>	IP 55					
<b>POWER SUPPLY</b>	Supply Box (with power supply, with access security, hour counter, UV lamp fault control and LED synoptic) to be purchased separately. Optional Control Board for the management of multiple lamps (with access security, hour counter, UV lamp fault control and LED synoptic).					
<b>SUPPLY BOX DIMENSIONS</b>	314 x 410 x 128 mm (12 x 16 x 5 in)					
<b>ELECTRICAL CONNECTION</b>	Power Supply Cable to be purchased separately (3 m or 10 m), IP67					

\* 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



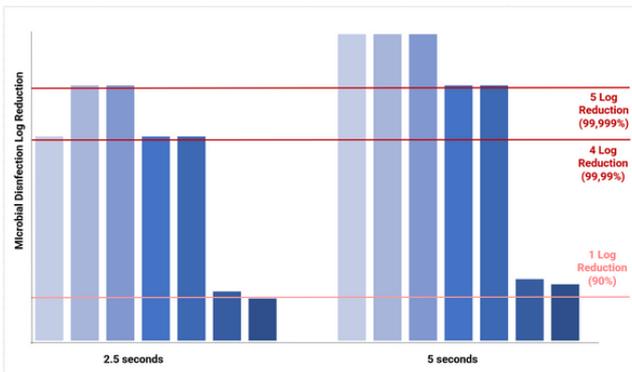
## TECHNICAL DRAWINGS

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



- Escherichia Coli
- Pseudomonas Aeruginosa
- Salmonella Typhimurium
- Staphylococcus Aureus
- Listeria Monocytogenes
- Bacillus Subtilis
- Aspergillus Niger

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 (such as VDMA) as we help you achieve microbial load reduction using our UV systems.

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