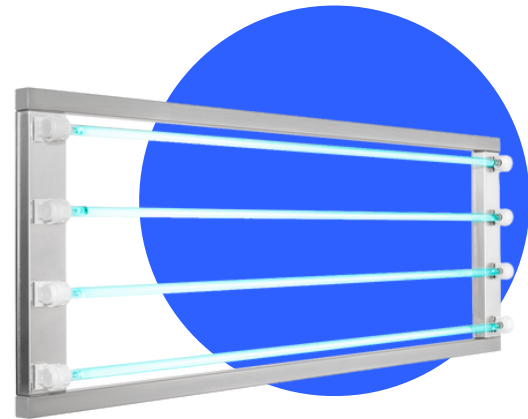




SIZED TO INSTANT DISINFECTION

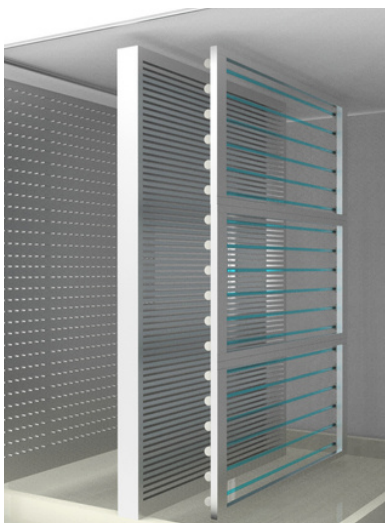
A grid of UVC lamps is the key to **treat the entire air flow and enhance filter performances**, UV DUCT-SQ is the perfect device to achieve a total and uniform air disinfection.

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
CENTRES



TRANSPORT

TECHNICAL TABLE	UV-DUCT-SQ-4/40H	UV-DUCT-SQ-4/90H	UV-DUCT-SQ-4/120H	UV-DUCT-SQ-6/40H	UV-DUCT-SQ-6/90H	UV-DUCT-SQ-6/120H
REPLACEMENT LAMP	N°4 CHS-40WHF	N°4 CHS-90WHF	N°4 CHS-120WH	N°6 CHS-40WHF	N°6 CHS-90WHF	N°6 CHS-120WH
POWER CONSUMPTION	160W	360W	480W	240W	540W	720W
DIMENSIONS (WxHxD)	mm 496x450x90 (in 19.52x17.71x3.54)	mm 953x450x90 (in 37.52x17.71x3.54)	mm 1234 x 450 x 90 (in 48.58x17.71x3.54)	mm 496x 600x90 (in 19.52x23.62x3.54)	mm 953x600x90 (in 37.52x23.62x3.54)	mm 1234x600x90 (in 48.58x23.62x3.54)
WEIGHT	kg 5 lb 11.02	kg 5,50 lb 12.12	kg 6 lb 13.22	kg 6 lb 13.22	kg 6,50 lb 14.33	kg 7,00 lb 15.43
FOR ALL MODELS						
LAMP LIFE (hours)*	≤ 18.000					
PROTECTION RATING	IP 55					
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 or 110-277V 50/60 Hz					
POWER SUPPLY OPTION 1.	SUPPLY BOX with: power supply, hour counter, Led synoptic , (IP45), 314 x 410 x 128 mm, (12 x 16 x 5 in)					
POWER SUPPLY OPTION 2.	Control Board for the management of multiple lamps with: access security, hour counter, UV lamp fault control and LED synoptic. from IP45 to IP66/67					
ELECTRICAL CONNECTION	Power Supply Cable to be purchased separately (3 m or 10 m), IP67					

* Continuous operation

** Outside of these ranges, performance may not be optimal

TROUBLE-FREE INTEGRATION AND INSTALLATION

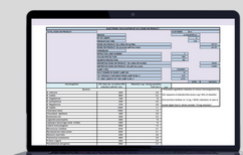


- We provide the optimal point of integration for every product without requiring changes to your system.
- Mounting and powering the device can be done without complex requirements.
- Ongoing maintenance only takes a few minutes to replace lamps when necessary.

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.

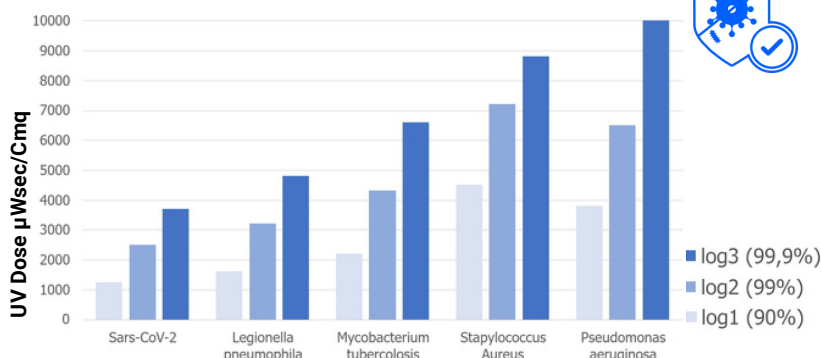
VIEW or DOWNLOAD now



CLICK HERE



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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MASTER-SM



TABLE - Tabella

		MASTER-SM-4	MASTER-SM-6	MASTER-SM-8	MASTER-SM-10	MASTER-SM-12
		for/per UV-DUCT-SQ 4/nn UV-SMELL-SQ 4/nn	for/per UV-DUCT-SQ 6/nn UV-SMELL-SQ6/nn	for/per N°2 UV-DUCT-SQ 4/nn N°2 UV-SMELL-SQ 4/nn	for/per UV-DUCT-SQ 4/nn + UV-DUCT-SQ 6/nn UV-SMELL-SQ4/nn + UV-SMELL-SQ 6/nn	for/per UV-DUCT-SQ 6/nn + UV-DUCT-SQ 6/nn UV-SMELL-SQ 6/nn + UV-SMELL-SQ 6/nn
DIMENSION	DIMENSIONI	410X300X180	610X400X230		740X530X255	
MATERIAL *	MATERIALE*	ABS Enclosure with Transparent Polycarbonate Lid cassetta in ABS coperchio in policarbonato trasparente				
WEIGHT	PESO	9 Kg	11 Kg	13.5 Kg	20 Kg	23 Kg
PROTECTION RATING	GRADO DI PROTEZIONE	IP 66/67	IP 45			

*on request/su richiesta S.S. 304 / Acciaio AISI 304

	UV SERIES	SWITCHING ON	SYNOPTIC WITH FAULTY ALARM LAMP	SAFETY	HOURLY COUNTER	SYNOPTIC
	SERIE UV	ACCENSIONE	SINOTTICO CON ALLARME LAMPADA GUASTA	SICUREZZA	CONTAORE	SINOTTICO
			1.	2.	3.	4.
MASTER-SM (*)	UV-DUCT UV-SMELL	Manual Manuale	Yes SI	Yes SI	Yes SI	Yes, customized SI, personalizzato

*Power supplies lamp included in the control board / Alimentatori lampade inclusi nelle master

1. FAULTY ALARM LAMP/ ALLARME LAMPADA GUASTA	Faulty alarm lamp	Controllo lampada guasta
2. SAFETY / SICUREZZA	Access safety block	Gestione della sicurezza accesso UV-C (carter di protezione)
3. HOURLY COUNTER / CONTAORE	Digital hour counter with exausted lamps alarm	Digitale con allarme esaurimento lampade
4. SYNOPTIC / SINOTTICO	Synoptic LED schema	Rappresentazione grafica della disposizione lampade

CODES - Codifica

MASTER-SM /4

N° di apparecchi alimentati	
/4	Per UV-SMELL-SQ4/... o UV-DUCT-SQ4/...
/6	Per UV-SMELL-SQ6/... o UV-DUCT-SQ6/...
/8	Per n°2 UV-SMELL-SQ4/... o n°2 UV-DUCT-SQ4/...
/10	Per UV-SMELL-SQ4/... + -SQ6/... o UV-DUCT-SQ4/... + -SQ6/...
/12	Per n°3 UV-SMELL-SQ4/... o n°2 UV-SMELL-SQ6/... o n°3 UV-DUCT-SQ4/... o n°2 UV-DUCT-SQ6/...

MASTER-SM /4

No. of devices controlled	
/4	For UV-SMELL-SQ4/... or UV-DUCT-SQ4/...
/6	For UV-SMELL-SQ6/... or UV-DUCT-SQ6/...
/8	For n°2 UV-SMELL-SQ4/... or n°2 UV-DUCT-SQ4/...
/10	For UV-SMELL-SQ4/... + -SQ6/... or UV-DUCT-SQ4/... + -SQ6/...
/12	For n°3 UV-SMELL-SQ4/... or n°2 UV-SMELL-SQ6/... o n°3 UV-DUCT-SQ4/... o n°2 UV-DUCT-SQ6/...

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