



UNRIVALED EFFECTIVENESS, UNMATCHED DURABILITY

UV-WATER devices can provide effective **inactivation of a wide range of viruses and bacteria** in water.

All products **comply with the regulations** of EC safety and D.M. 174/2004 concerning materials suitable for contact with water for human consumption.

The use of UVC allows a disinfection process which **does not affect smell, taste and pH** of the treated water.



KEY PRODUCT FEATURES

- **Made for the Task**, this special form factor has been designed and developed to maximize penetration of UVC light inside water.
- **Increased Disinfection Performance**, with High-Output UV-C lamps (253,7 nm), and up-to 4 lamps in one device to treat larger water flows, continuously.
- **Quartz sleeve**, containing the UVC lamp serves to thermally and hydraulically isolate the UV-C bulb, creating optimal conditions for water purification.
- **Built to last**, with high-quality Stainless Steel AISI 316L, Made in Italy, and all materials are tested for resistance to intense UV-C rays.
- **Monitor Your Operation**, Supply Box and Control Board are equipped with Alarm Signals and Digital Hour Counters.



HEALTHCARE



HVAC



PROCESS
INDUSTRY



HOSPITALITY



SHARED
SPACES



PUBLIC
VENUES



WELLNESS
CENTRES



TRANSPORT

TECHNICAL TABLE	UV-WATER -21-Ba	UV-WATER -40H-Ba	UV-WATER -42-Ba	UV-WATER -90H-Ba	UVWATER -3/90H	UVWATER -4/90H
BEST USE	RESIDENTIAL	COMMERCIAL	RESIDENTIAL	COMMERCIAL	INDUSTRIAL	
REPLACEMENT LAMP	n°1 GH4-21W	n°1 GH4-40WH	n°1 GH9-42W	n°1 GH9-90WH	n°3 GH9-90WH	n°4 GH9-90WH
POWER CONSUMPTION	21W	40W	42W	90W	270W	360W
DIMENSIONS (WxHxD)	mm 590 x 503 x 123 (in 23.22 x 19.80 x 4.84)		mm 1060 x 964 x 130 (in 41.73 x 37.95 x 5.11)		mm 1030 x 168 x 238 (in 40.55 x 6.61 x 9.37)	
WATER FLOW RATE (30mJ/cm2 UVT = 95%)	1.900 l/h (0,5 l/s) 8.4 gpm	3.200 l/h (0,9 l/s) 14 gpm	3.800 l/h (1 l/s) 16.7 gpm	8.000 l/h (2 l/s) 35 gpm	18.000 l/h (5 l/s) 79 gpm	24.000 l/h (7 l/s) 106 gpm
WEIGHT	kg 3 lb 6.61		kg 5 lb 11.02		kg 10 lb 22.04	kg 12 lb 26.45
IN / OUT (ISO 228.1)	3/4" GAS (BPSP)		1" GAS (BPSP)		2" GAS (BPSP)	
OPERATING PRESSURE	bar 8 (800 KPa) 117 PSI				bar 8 (800 KPa) 117 PSI	
	FOR ALL MODELS				FOR ALL MODELS	
LAMP LIFE (hours)*	365 days				9000 hours*	
PROTECTION RATING	IP 20				IP 20	
OP. TEMPERATURE**	MIN. -15°C ÷ MAX. +40°C (MIN. 5.0°F ÷ MAX. +104.0°F)				MIN. -15°C ÷ MAX. +40°C (MIN. 5.0°F ÷ MAX. +104.0°F)	
OP. RELATIVE HUMIDITY**	From 20 to max. 90%				From 20 to max. 90%	
VAC FREQUENCY	230V or 110-277V 50/60 Hz				230V or 110-277V 50/60 Hz	
POWER SUPPLY	Supply Box including digital hour counter, faulty lamp alarm.				Control Board for multiple lamps including digital hour counter, faulty lamp alarm, contact for BMS connection, LED synoptic.	
POWER SUPPLY PROTECTION RATING	IP 20				IP 55	
ELECTRICAL CONNECTION	a.Cable connecting Device to Supply Box lenght 1.50 m; b.Supply Box cable (3x1 mm²), lenght 1.5 m with IEC socket and plug (SCHUKO/others)				a.Cable connecting Device to Control Board lenght 3 m b. Control Board cable (3x1 mm²), lenght 2 m, with SHUKO Plug	

* 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.

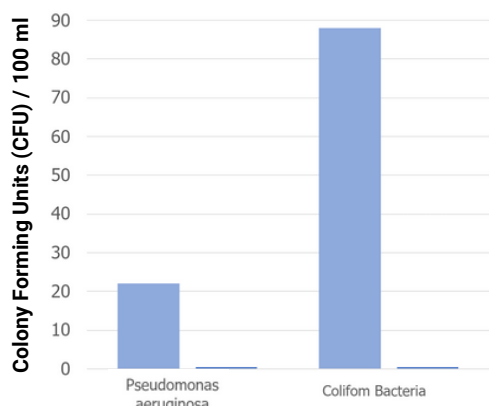
TECHNICAL DRAWINGS

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



Microbial reduction after UV treatment

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.

Light Progress Group SRL
Anghiari (AR)
ITALIA
P: (+39) 0575 749255
E: info@lightprogress.it
W: www.lightprogress.it

Light Progress GmbH
Aschaffenburg (BY)
DEUTSCHLAND
P: +49 176 761 42327
E: gmbh@lightprogress.de
W: www.lightprogress.de

Light Progress LLC
Dallas, (TX)
USA
P: (+1) 833-882-4255
E: americas@lightprogress.it
W: www.lightprogress.us

OFFICIALLY DISTRIBUTED BY: