

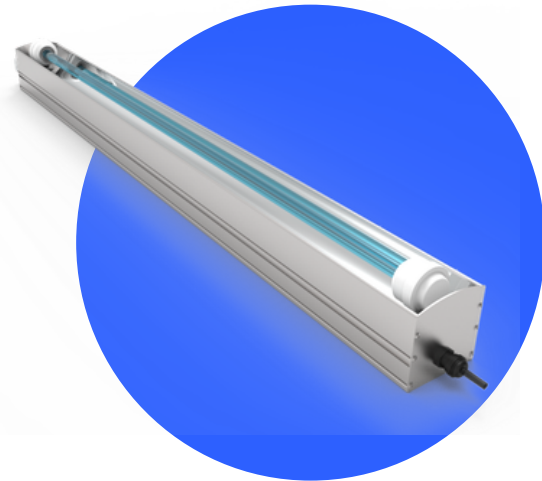


POWER UP DISINFECTION, EVERYWHERE.

UV-STICK-AL supports **deep surface disinfection in any type of environment**.

In just a few minutes of operation, UV-STICK-AL fixtures can create **high levels of disinfection** otherwise achieved with hazardous, harmful, and expensive chemicals.

The UV-STICK-AL should be used **in the absence of people** and can be easily integrated into building controls and scheduled routines.



KEY PRODUCT FEATURES

- **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 PARABOLIC reflector**.
- **Built to last**, with high-quality material tested to resist UV.
- Protected, **IP55 Rated** and **UVLON™ shatterproof protective sleeve always included** to prevent the release of glass fragments in the event of accidental lamp breakage.
- **Combine and Connect**, more devices to build your disinfection solution.
- **Advanced Management**, with optional control board available for multiple lamp fixtures.



HEALTHCARE



HVAC



PROCESS
INDUSTRY



HOSPITALITY



SHARED
SPACES



PUBLIC
VENUES



WELLNESS
CENTRES



TRANSPORT



TECHNICAL TABLE	UV-STICK-40H-AL	UV-STICK-60H-AL	UV-STICK-90H-AL	UV-STICK-120H-AL	UV-STICK-150H-AL
REPLACEMENT LAMP	n°1 CHS-40WHF-P	n°1 CHS-60WH-P	n°1 CHS-90WHF-P	CHS-120WH-P	CHS-150WH-P
POWER CONSUMPTION	40W	60W	90W	120W	150W
DIMENSIONS (WxHxD)	mm 508 x 80 x 90 (in 20 x 3.14 x 3.54)	mm 671 x 80 x 90 (in 26.41 x 3.14 x 3.54)	mm 965 x 80 x 90 (in 37.99 x 3.14 x 3.54)	mm 1246 x 80 x 90 (in 49.05 x 3.14 x 3.54)	mm 1625 x 80 x 90 (in 63.97 x 3.14 x 3.54)
WEIGHT	kg 1,4 (lb 3)	kg 1,7 (lb 4)	kg 2,2 (lb 5)	kg 2,7 (lb 6)	kg 3,4 (lb 7)
TREATED VOLUME	m³ 20 ÷ 40 (ft³ 706.29 ÷ 1412.59)	m³ 30 ÷ 50 (ft³ 1059.44 ÷ 1765.73)	m³ 40 ÷ 65 (ft³ 1412.59 ÷ 2295.45)	m³ 50 ÷ 80 (ft³ 1765.73 ÷ 2825.17)	m³ 60 ÷ 100 (ft³ 2118.88 ÷ 3531.46)
TREATED SURFACE	m² 7 ÷ 13 (ft² 75.34 ÷ 139.93)	m² 10 ÷ 17 (ft² 107.64 ÷ 182.99)	m² 14 ÷ 25 (ft² 150.69 ÷ 269.10)	m² 17 ÷ 27 (ft² 182.99 ÷ 290.63)	m² 20 ÷ 38 (ft² 215.28 ÷ 409.03)
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%				
V AC FREQUENCY	230V or 110-277V 50/60 Hz				
POWER SUPPLY	On-board power supply always included. Optional Control Board for the management of multiple lamps.				
ELECTRICAL CONNECTION	Power supply cable 3x1mm², 2,5m length				

* Useful life can be substantially reduced by several environmental or technical factors

** 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

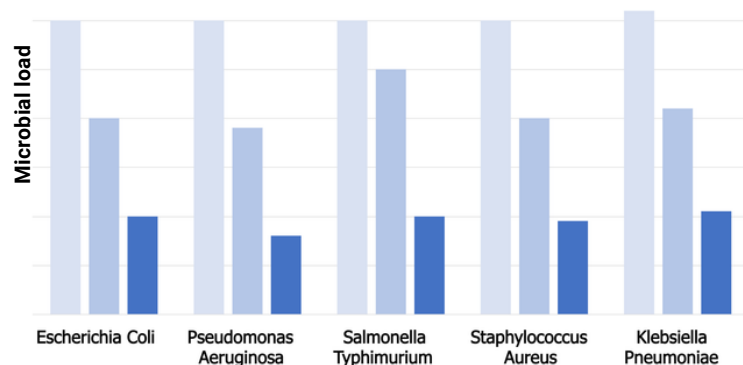
Every Light Progress Product is available in detailed DWG and STEP files for your design-in and specification clarity.

VIEW or DOWNLOAD now



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HERE

MICROBIAL TESTS AND EFFICACY



Up-to log6 microbial reduction with a 10 minutes treatment, at 3.5 mt 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.

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: info@lightprogress.de
W: www.lightprogress.de

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

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POWER SUPPLY OPTIONS FOR PROFESSIONAL SYSTEMS

Lamp monitoring, connectivity and flexibility for customized applications.

OPTIONAL CONTROL BOARD "MASTER 16A" MULTI-LAMP MONITORING UNIT

The **Control Board MASTER 16-A** is a simple and accessible **control unit for managing multiple UV-C devices** in a single system.

- **Multiple device solution:** dedicated monitoring for up to 16 A
- **Faulty lamp alarm:** LED indicator
- **Exhaust lamp alarm:** LED indicator, with hour counter and digital display.
- **IP20 protected:** protected against solid objects larger than 12 mm
- **Automatic Switch:** turn on devices manually or with the embedded timer.



OPTIONAL CONTROL BOARD «MASTER-ST-AC» COMPLETE MULTI-LAMP MANAGEMENT SYSTEM

The **Control Board "Master"** is an advanced control and monitoring unit designed for **multi-lamp UV-C systems**, providing a **digital display, operating hour counter** with **exhaust lamp alarm** and synoptic layout.

- **Multiple device solution:** dedicated monitoring for up to 35 UV devices.
- **Faulty lamp alarm:** LED indicator and dry contact output to connect to existing control panels and BMS.
- **Safety switch:** low voltage input from existing control panels and BMS, switches off UV lamps when needed.
- **IP66/67 protected:** complete dust protection and powerful water jets.
- **Exhaust lamp alarm:** with hour counter, digital display, and dry contact output to connect to existing control panels and BMS.
- **Synoptic layout:** to monitor the status of each connected UV-C lamp.



OPTIONAL CONTROL BOARDS					
	CONTROL BOARD «MASTER-16»		CONTROL BOARD «MASTER-ST-AC»		
MAIN FEATURES					
MODEL	16-A	16-A	ST-AC/5-P-A	ST-AC/20-P-A	ST-AC/35-P-A
COMPATIBLE UVC DEVICE (W)	40	90	40-90	40-90	40-90
CONTROL OF MULTIPLE DEVICES	up to 16 A	up to 16 A	up to 5 devices	up to 20 devices	up to 35 devices
FAULTY LAMP ALARM	✓ LED indicator		✓ LED indicator ✓ Dry contact output * (up to 230V, 1A)		
EXHAUST LAMP ALARM	✓ LED indicator		✓ LED indicator ✓ Dry contact output * (up to 230V, 1A)		
LAMP LIFE HOUR COUNTER	✓ Digital Display		✓ Digital Display		
SAFETY INPUT contact from BMS or Safety System	✓ Low voltage input		✓ Low voltage input		
SYNOPTIC SCHEME	-		✓ LED indicator		
POWER CABLE connection to the mains	Three-core cable 2P+E (not included)		Three-core cable 2P+E (not included)		
CONNECTION PLUG on lamp side	-		-		
INSTALLATION Mounting options	Screws (not included)		Screws (not included)		
TECHNICAL FEATURES					
MODEL	16-A	16-A	ST-AC/5-P-A	ST-AC/20-P-A	ST-AC/35-P-A
ELECTRONIC CONTROL GEARS ON BOARD	-		-		
DIMENSIONS (mm) (W x H x D)	410x300x180		410x300x180	610x400x230	740x530x255
DIMENSIONS (in) (W x H x D)	16 1/8' x 11 3/4" x 7 1/8"		16 1/8' x 11 3/4" x 7 1/8"	24' x 15 3/4" x 9"	29 1/8" x 20 7/8" x 10"
HOUSING MATERIAL	ABS		ABS with transparent cover		
OPERATING 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)		
PROTECTION	IP20		IP66/67		
V AC FREQUENCY	230V or 110V 50/60 Hz		230V or 110V 50/60 Hz		

* Dry contact output to be externally powered - to activate an external diagnostic system (BMS, MMS, SCADA, DCS, PLC)

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