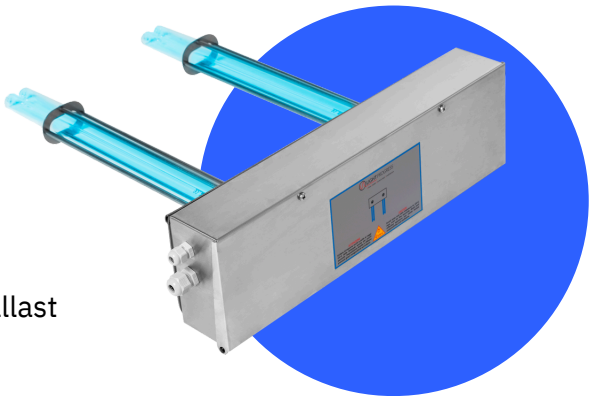
PRODUCT SPECSHEET

UV-DUCT-FL-NX

LIGHT PROGRESS
UV-C Technology Solutions

CLEAN AIR EVERYWHERE



Flanged devices are specifically designed to be installed directly from the outside duct wall, UV DUCT-FL is a good exaple of an easy-to-fit. compact sized device, **perfect for retrofit applications**.

Embedded power supply and Control Panel, with Electronic Ballast Synoptic LED for every single lamp, Overall Faulty alarm, hour-counter (Optional) to check lamps residual lifetime.

KEY PRODUCT FEATURES

- **One for All,** these compact modules can fit easily in many different ductwork sizes and include integrated power supplies.
- **Plug and disinfect**, perfect for retrofitting.
- **Increased Disinfection Performance,** with High Power PLL UV-C Lamps (253.7 nm) that deliver twice the power in a shorter length.
- **Built to Last**, in high-quality Stainless Steel AISI 304, all material tested for UV resistance.
- **Protected**, stainless steel brackets hold the lamps to prevent breakage.
- **Integrate and Monitor**, your operation with visual lamp failure alarms, with optional hour counter.


HEALTHCARE


HVAC


PROCESS INDUSTRY


HOSPITALITY


SHARED SPACES


PUBLIC VENUES


WELLNESS CENTRES


TRANSPORT

TECHNICAL TABLE	UV-DUCT-FL 2/35HP-NX	UV-DUCT-FL 2/60HP-NX	UV-DUCT-FL2/95HP-NX
ALARM VERSION	**cod.** UV-DUCT-FL 2/35HP-NX-H	**cod.** UV-DUCT-FL 2/60HP-NX-H	**cod.** UV-DUCT-FL 2/95HP-NX-H
REPLACEMENT LAMP	N°2 GHP-35WH	N°2 GHP-60WH	N°2 GHP-95WH
POWER CONSUMPTION	70W	120W	190W
EXTERNAL FLANGE CONTROL PANEL (WxHxD)	mm 411 x 128 x 65 (in 16 x 5.03 x 2.55)		
DEVICE SIZE (lenght inside the duct)	mm 200 (in 7.87)	mm 395 (in 15.55)	mm 509 (in 20.03)
TOTAL WEIGHT	kg 2,4 (lb 5.3)	kg 2,6 (lb 5.7)	kg 2,7 (lb 6.0)
AIR FLOW RATE **	m³/h 800 ÷ 2.000 (CFM 470.86 ÷ 1,177.16)	m³/h 1.300 ÷ 3.400 (CFM 765.15 ÷ 120,000)	m³/h 2.200 ÷ 5.600 (CFM 1,294.87÷ 3,296.04)
	FOR ALL MODELS		
LAMP LIFE (hours)*	≤ 18.000		
PROTECTION RATING	IP 20		
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	On-board power supply always included.		
ELECTRICAL CONNECTION	EL Version: Connecting cable (3 x 1 mm²) NOT INCLUDED		

*** Continuous operation**
**** At 2,5 m/s (or 492 fpm) air speed**
***** 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 maintanance 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

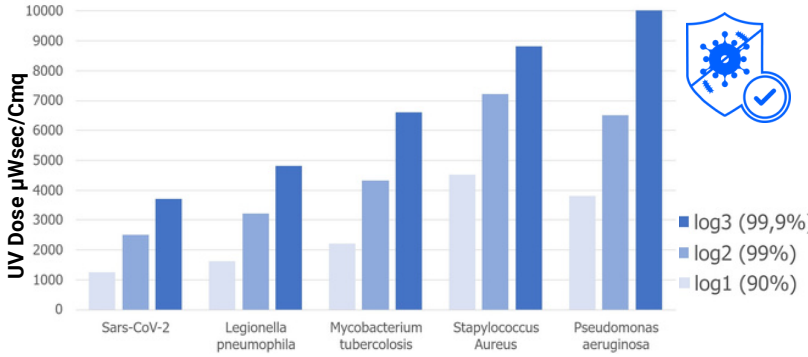
TECHNICAL DRAWINGS

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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