



Flexible & Homogeneous UV LED Line



Plug&Play



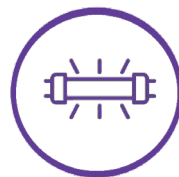
UV LED technology



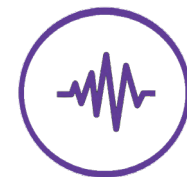
Flexible length available



Easy to integrate



Fluorescence
applications



UV-C / UV-B / UV-A

PRODUCT DESCRIPTION

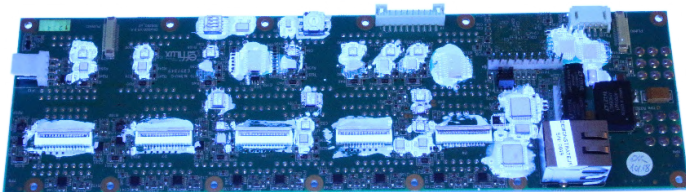
UFLEX is a flexible and homogeneous UV LED line lamp suitable for a wide range of applications that need low power and uniform UV illumination such as curing, bonding, disinfection and mainly fluorescence.

UFLEX has a flexible, robust and lightweight design for manual applications and for easier integration in machines and harsh environments.



APPLICATIONS

- Dust particles inspection in photonics assembly such as in laser systems.
- Dye penetrant, magnetic particle inspection and other non-destructive test in manufacturing processes.
- Control of conformal coating deposit on boards in electronics manufacturing.



- Anti-counterfeiting check of specific invisible inks on various materials.



PUV & STANDARD VERSIONS

- **UFLEX-PUV** is equipped with a Wood filter system to be compliant to ASTM E3022-18 standard requirements for dye penetrant and magnetic particle inspections.



- **UFLEX** is equipped with transparent PMMA or quartz window depending on LED wavelength (UV-C, UV-B, UV-A, visible, infrared) to be suitable for a various range of detection, illumination or low-power curing process.



FLEXIBLE LENGTH

UFLEX has a flexible length to fit different mechanical specs and constraints.

Its optical length can be adjusted using 5 LEDs or 100mm increments to meet process integration requirements.

