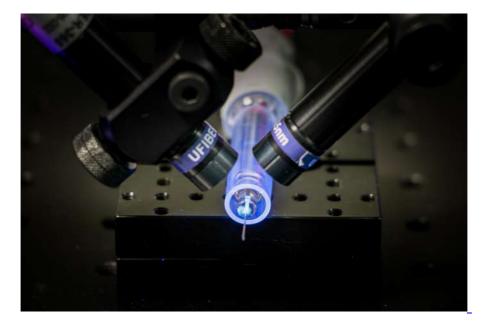


OCTOBER 2022

UFIBER: precise LED spotlight



UWAVE has recently improved its UFIBER with new lenses and a wider range of LED wavelengths available The LED head may now be adapted to various applications such as UV emulsification, photo-DSC or precision curing

Multiple Optical Combinations

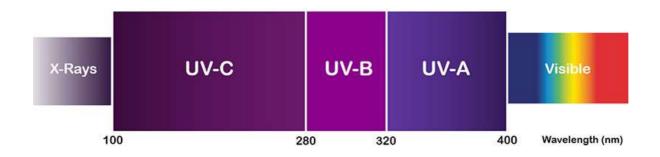
The UFIBER offers a precise LED solution that can be easily customized for different applications



Many wavelengths are available from 255nm in the UVC to Infrared (passing by UVA and Visible) with new LED references

Then there are 5 different optical systems depending on the exposed surface, power specs, and homogeneity level required:

- Focused
- Collimated
- **Diffused**: Medium, Large or Window (with no lens)



Smart Electronics

Turning on and driving the UFIBER is easier than ever whether it is manually or automatically: - Directly with a PLC thanks to our small external driver to integrate in machines



or lab equipment without the need of an UPOWER

- Using a UPOWER unit to manually control up to 6 heads independently or simultaneously

In both cases parameters such as light intensity, status of system (ON/OFF) and exposure time are easy to select and change





Advantages of LED Technology

- Optical stability: instant ON/OFF & no warm-up time
- Longer lifetime: more than 20.000 h
- **Easier integration**: robustness & compacity
- Eco-friendly structure: 0% mercury & no harmful ozone production
- Energy saving: fewer electrical power needed to operate



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UV LED & OPTICAL | SMART SOLUTIONS

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