

# Measurement & monitoring of UV LED lamps

**LED lamps have a lifetime just as every other lighting system!  
 UWAVE's expertise in LED selection, integration and thermal management  
 offers great lifetimes from 20 000 to 40 000 h.**

## UV LED aging & management

Unlike other UV, mercury or xenon technologies, which must be replaced much more regularly (every 1,000 to 5,000 hours), the LED undergoes a slow decrease in its optical emission until it reaches 70% of its initial performance.

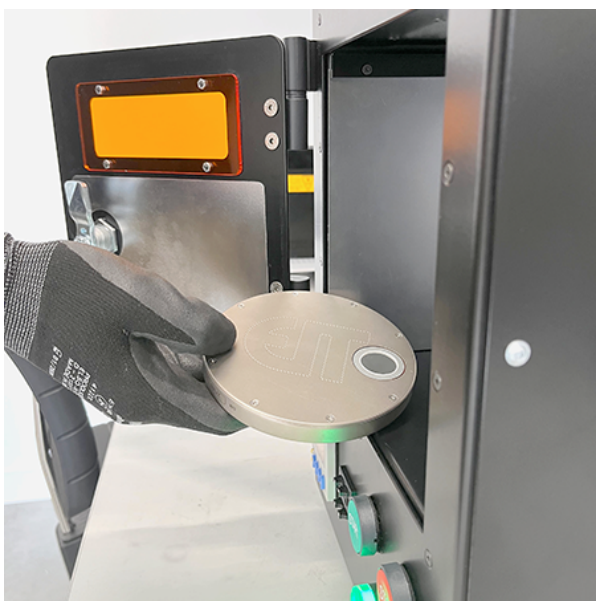
To limit and anticipate this, it is possible to work at lower intensity levels and increase them when the intensity decreases.

Doing regular measurements is also recommended depending on the frequency of use, the level of quality policy and the type of lighting.

## Radiometers and services provided by UWAVE

UWAVE supply several radiometers for UV LED lamps measurements. Each reference being suitable for different processes and ranges of irradiance.

It is also possible to send back the lightings directly to UWAVE for a performances qualification of these systems once a year.



*Measurement in the UV OVEN*



*Measurement of the UTARGET spotlight*



**Questions?  
 Contact us!**



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# UWAVE

UV LED & OPTICAL | SMART SOLUTIONS

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