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LED Lifetime declaration

Effilux characterizes the durability of LED lights by the time when LED output will fall to 50% of its initial output. LEDs will not typically fail outright but will continue to operate for years, gradually decreasing in output.

The environmental and/or driving conditions impact the lifetime of the LEDs (current, temperature, strobe duration, duty cycle, ...).

RADIANT OUTPUT MAINTENANCE RATE

As supplier of LED lighting systems, EFFILUX declares that:

The Effilux products* with built-in driver (which controls the max current sent into the LED) will continue to provide radiant power greater than **50%** after **50,000 hours** of operation time with the following conditions:

Lighting Condition: Follows user guide requirements specified in the product documentation
(Continuous Mode or Strobe Mode with max duty cycle)

Ambient temperature: 25°C

**Except for UV products (under 420nm): 70% for 17000 hours*

*Note that this is a reference data, not warranty for the lifetime of the product.
Product performance depends on setting and/or environmental condition.*

Executed at Les Ulis,
23/07/2020

