



LED FUTURE

YOUR SMART SCIENCE PARTNER IN UVC LED DISINFECTION

LF SPOT

MICROBE-FREE ENVIRONMENT



UVC LED technology - fast and efficient disinfection

Led Future has invented a system using UVC radiation, allowing the disinfection of both surfaces and air when a space is not occupied ensuring safe, pathogen free environment.

The system utilises UVC LED technology, allowing an efficient, effective, and yet compact solution. Depending on the desired bacterial reduction and the disinfection area, the irradiation time per cycle varies from just minutes to approximately 20 minutes.

The disinfection solutions manufactured by Led Future are energy efficient, durable and intelligent.



TECHNICAL DETAIL:

Input: 22-28V DC

Connection: Wago 2x2pin

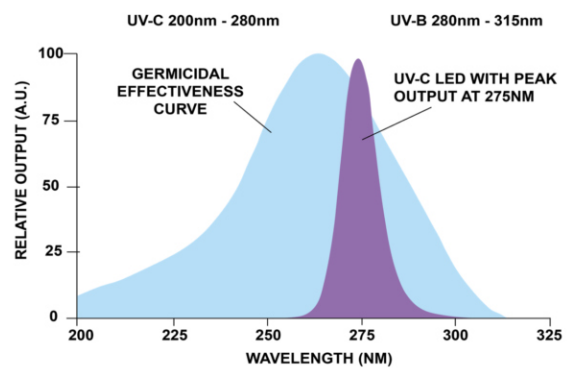
UVC power: UVC-led 12x6-8mW, 275nm

Including: 3x450nm blue-led and quartz glass

Measurements: -Mounting hole 55mm

-Outer diameter 85mm

-Installation depth 28mm



How UVC works

Ultraviolet C, also called germicidal UV, is the shortest wavelength ultraviolet radiation at 200-280nm. It is completely absorbed by the ozone layer and atmosphere.

UVC radiation has a detrimental effect on microorganisms, targeting the DNA & RNA of microbes, destroying their ability to multiply, thereby eliminating their growth.

UVC works on all forms of bacteria, viruses, fungi and mold, also the antibiotic resistant types and MRSA.

- CE-certified and tested
- Designed and assembled in Finland
- Durable - two-year warranty
- Environmentally friendly - recyclable materials