

LF SPOT

MICROBE-FREE ENVIRONMENT



FAST AND EFFICIENT DISINFECTION

Led Future has developed a cutting-edge disinfection system utilizing UVC light to sanitize both surfaces and air in unoccupied spaces, ensuring a safe and pathogen-free environment. The system uses advanced UVC LED technology, providing an efficient, compact, and effective solution for disinfection. Depending on the area and desired level of bacterial reduction, disinfection cycles range from just a few minutes to approximately 20 minutes.

The disinfection solutions manufactured by Led Future are energy-efficient, durable, and intelligently designed, ensuring long-lasting performance and minimal environmental impact. This system offers a smart and reliable way to maintain hygienic spaces with ease.

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



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TECHNICAL DETAILS

Input Voltage: 22–28V DC

Connection Type: Wago 2-pin connector

UVC Power: UVC-LED, 12×6–8mW,
275nm wavelength

Additional Lighting: Includes 3×450nm
blue LEDs with quartz glass

Measurements: Mounting hole diameter:
55 mm

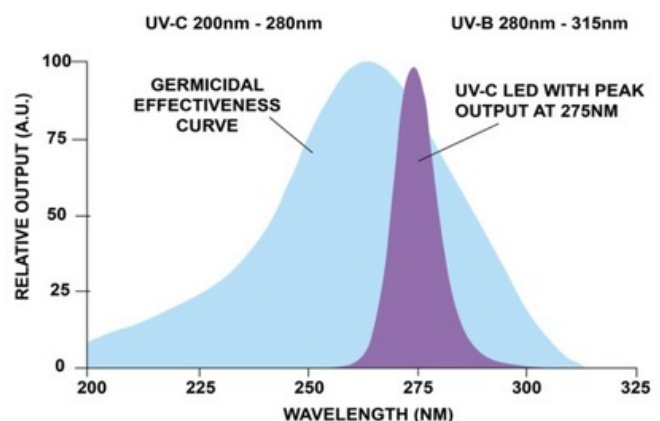
Outer diameter: 85 mm

Installation depth: 28 mm



HOW UVC WORKS?

Ultraviolet C (UVC), also known as germicidal UV, is the **shortest wavelength** of ultraviolet radiation, ranging from 200–280 nm. This radiation is completely absorbed by the Earth's ozone layer and atmosphere. UVC has a powerful antimicrobial effect, **targeting the DNA and RNA of microorganisms**. By disrupting their ability to reproduce, UVC effectively halts the growth of bacteria, viruses, fungi, and mold, including antibiotic-resistant strains like MRSA.



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