

GermBuster™ Luminaire 500W

High-Output Far-UV Continuous Disinfection Fixture

The GermBuster™ Luminaire 500W from Sterilray is a powerful recessed Far-UV disinfection fixture designed for high-demand commercial and healthcare environments. Utilizing advanced 222nm excimer lamp technology, the system provides rapid and continuous air and surface pathogen reduction while remaining safe for occupied spaces within established exposure guidelines.

Key Features

- High-output 222nm Far-UV excimer lamp technology
- Continuous air and surface disinfection
- Engineered for occupied commercial environments
- Mercury-free and chemical-free operation
- Instant on/off full-power performance
- Architectural recessed ceiling installation
- 30,000+ hour prorated lamp life warranty
- Ideal for hospitals, large public spaces, fitness facilities, laboratories, and clean rooms

Technical Specifications

Category	Specification
Power Consumption	500W
Lamp Technology	Far-UV 222nm Excimer
Beam Angle	160° x 45°
222nm Irradiance (27 cm from lamp)	4850 µW/cm²
Power Supply	100–270V AC 50/60 Hz
Fixture Dimensions	23.75" × 17.75" × 7.25"
Fixture Weight	29.35 lb
Lamp Length	18"
Housing Material	Powder-Coated Aluminum

Finish	White / Multiple Finish Options Available
Operating Temperature	40°–104°F (5°–40°C)
Operating Humidity	10–85% RH
Mounting	In-Hung Ceiling
Band Pass Filter	Not Necessary
Lamp Life Warranty	30,000+ Hours (Prorated)
Power Supply Warranty	1 Year Parts and Labor

Recommended Applications:

Hospitals • Clinics • Veterinary Practices • Fitness Facilities • Schools • Offices • Laboratories • Clean Rooms • Public Spaces

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