

405nm UV LED GX23 PL-s Lamp for Sterilization

This UV LED lamp is designed for sterilizer applications and operates at a 405nm wavelength. It is available in 4W, 6W, and 8W power options and features a GX23 base and a PL-s form factor.



ADDITIONAL IMAGES



Overview

Sterilization Technology

This 405nm UV LED lamp is engineered for effective sterilization applications. By utilizing 405nm wavelength technology, the lamp triggers porphyrin excitation within bacteria, leading to their destruction through the generation of Reactive Oxygen Species (R.O.S). It is designed with a standard GX23 base and PL-s form factor, making it a versatile choice for existing ultraviolet sterilization systems.

Technical Specifications

Model Comparison

| Model No. | Wattage | Replacement | Voltage |
|-------------------|---------|-------------|-------------|
| PL-4W-RPP-GX23-UV | 4W | 7W | 120-277V AC |
| PL-6W-RPP-GX23-UV | 6W | 9W | 120-277V AC |
| PL-8W-RPP-GX23-UV | 8W | 13W | 120-277V AC |

| | |
|------------|--------|
| Wavelength | 405 nm |
| Base Type | GX23 |

Physical Characteristics

Physical Dimensions

18 mm

Width

30 mm

Depth

176 mm

Height

Certifications

Certifications

UL Listed