



Description

Apex is a sealed Far-UVC fixture intended for use in occupied industrial environments requiring watertight, rugged enclosure conditions. The system incorporates a field-replaceable lamp module and is designed for continuous operation in demanding settings.

Mechanical

Mechanical Size

- Size: 27.7" L x 6.8" W x 2.4" H

Mounting Options

- Surface Mounting
- Minimum installation height is 9'0 for Risk Group 0

Environmental Ratings

- IP65 Rated

- UL Wet Location Rating
- 40°C Max Ambient Temperature

Housing Materials

- Fiberglass housing
- Aluminum cover with integrated fused silica lens

Electrical

Electrical Ratings

- Fixture Input Power: 120-277V AC, 50/60 Hz
- Power Consumption: 14W
- Integral pass-through wiring for continuous runs

Optical / UV Design

UV Emitter

- o Ushio Care222 KrCl Excimer Lamp Module
- o Peak Wavelength: 222nm with bandpass filter
- o Lamp Lifetime > 10,000 hours
- o Excimer lamp module is field replaceable

Fused Silica Lens

Control Logic & Connectivity

Connectivity

- 2.4 GHz Wi-Fi (802.11b/g/n) and Bluetooth to WiFi access point or mobile device

LED Indicator

- Displays lamp life status
- Displays WiFi and Bluetooth connectivity status

Control Logic

- Standalone Mode
- Connected Mode (WiFi or Bluetooth)
- Continuous – 24/7 operation
- Schedule – Active during customizable schedule

Safety Standards

Certified to UL 8802

Standard for Ultraviolet (UV) Germicidal Equipment

Classified as Risk Exempt

Risk Group 0 under UL 8802 Photobiological Test

Complies with ACGIH Threshold Limit Values (TLV) for UV exposure

Manufactured at an EPA registered facility; EPA Facility Number: 102522-FL-1