

Product Specifications

Visium Apex Far-UVC Device



Device Features



- Using Far-UVC technology, Apex operates continuously to address airborne and surface-borne pathogens in occupied industrial environments without chemicals, noise, or disruption to operations.
- Apex is UL Certified for continuous operation and is ideal for use in occupied indoor spaces to help reduce overall pathogen loads in the air and on surfaces.
- Features Ushio's Care222 UVC excimer lamp module with patented bandpass filter that outputs a narrow band of 222nm peak emission while blocking potentially harmful longer wavelengths.
- Integrated IoT connectivity and sensors enable device control, automation, and monitoring of indoor air quality via the Lit Thinking Connect App.
- Apex is easy to service and maintain with a tool-less lamp replacement design.
- With its beautifully designed aesthetics and easy installation, Apex can be installed similar to a 120-277V lighting fixture.

Ordering Logic

MODEL	VS2	Visium Apex
SANITIZATION	UV222	Far-UVC 222nm
VOLTAGE	MV	120-277V Multi Voltage
OPTICS	CO	Clear Optics
MOUNTING	SM	Surface Mount installed > 9'0" (Risk Group 0)
CORD	N	None
PLUG	N	None
FINISH	W	White



Example: VS2 UV222 MV CO SM N N W

Accessories Ordering

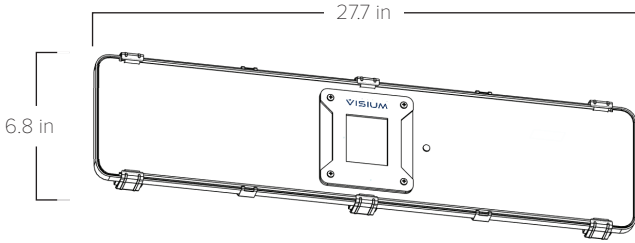
PART NUMBER	DESCRIPTION
RPL0001	Replacement APEX UVC222 Module 1.0 CO

Note:

1. Close range direct infectious aerosol transmission will continue to require additional precautions such as personal protective equipment and/or adequate separation.

For ordering and support, contact customerservice@visium.one

Technical Specifications



FAR-UVC LIGHT SOURCE

Peak Wavelength	222nm
Lamp Type	Ushio Care222 KrCl Excimer Lamp Module
UVC Lifetime	> 10,000 Hours
Band-Pass Filter	Yes
UVC Emission Angle	Clear Optics: 62.5°
Device Coverage	Up to 200 sq. ft.
Visible Lumen Output	Clear Optics 1.35 lumens

ELECTRICAL

Input Voltage / Freq.	120-277V, 50-60 Hz
Power Consumption	14W
Device Control	Standalone (ON/OFF switch), Bluetooth Only, or Connected (WiFi)

MECHANICAL

Housing	Fiberglass housing / aluminum cover / fused silica lens
Finish	White powdercoat, fiberglass
Dimensions	27.7" L x 6.8" W x 2.4" H
Weight	6.7lb
Operating Temperature	0 to 40°C (32 to 104°F)
Installation	Surface Mount
Mounting Height	Minimum 9ft 0in Above Finished Floor (Risk Group 0); Minimum 7ft 9in Above Finished Floor (Risk Group 1) (Veterinary and Animal Farming Only)
Device Spacing	Minimum of 48in on center spacing required between all devices
Serviceability	Yes, Far-UVC lamp is field replaceable
Indication	Multi-Color Configurable LED Indicator

WARRANTY & REGULATORY

Warranty	1 Year Limited on Visium Device
Compliance	Certified to UL 8802 - Standard for Ultraviolet (UV) Germicidal Equipment Classified as Risk Exempt – Risk Group 0 (UL8802) if installed above 9ft 0in AFF Complies with ACGIH Threshold Limit Values (TLV) for UV exposure Manufactured at an EPA registered facility; EPA Facility Number: 102522-FL-1
Environment	Suitable for Wet Locations

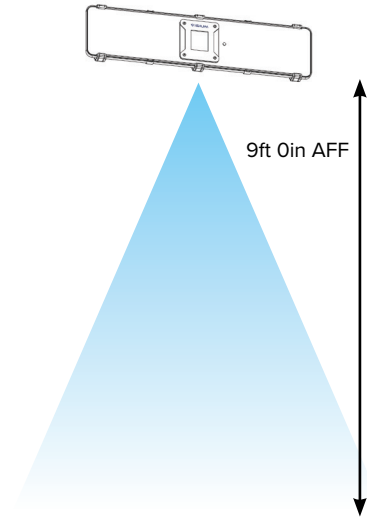
All data shown is nominal.

Mounting Guide

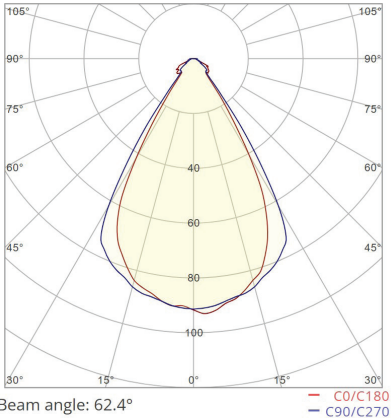
9ft Plane | For compliance with UL safety standards and UL Risk Group 0 requirements, the illuminating surface of the Apex with Clear Optics is required to be mounted 9 ft 0 in or higher above the floor.

UL 8802 Certification for the Visium Apex device is based on a minimum mounting height of 9 ft for Risk Group 0 (exempt) devices only.

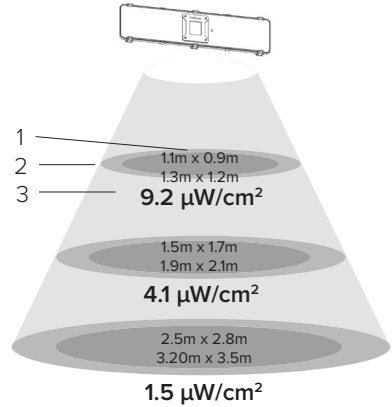
A minimum installation height of 7ft 9in for Risk Group 1 is available for use in Veterinary and Animal Farming applications. This specialized configuration is not covered under the UL 8802 certification. Please refer to the Risk Group 1 Safety section of the manual to determine if a Risk Group 1 installation is applicable to your room design.



Irradiance Profile



**Irradiance and other technical information are for reference only and are subject to change. This is not a formal specification and does not indicate any warranted values. Please refer to the UVC lamp's formal specification sheet for complete details and specification.*



- 1 = Area of >60% Peak Irradiance
- 2 = Area of >30% Peak Irradiance
- 3 = Peak Irradiance

Far-UVC Safety

The safety of Far-UVC has been established with over 50 peer-reviewed studies and clinical trials. The American Conference of Governmental Industrial Hygienists (ACGIH) has established Threshold Limit Values (TLV) for UVC exposure and the safe use of Far-UVC light. Apex is designed to comply with TLV to ensure safety. Furthermore, Apex is UL certified under UL 8802, the safety standards for Ultraviolet Germicidal Products and is classified by UL as Risk Exempt under photobiological safety testing during evaluation. Minimum mounting heights, as listed above, are required. The shallow penetration depth of Far-UVC has been demonstrated unable to reach living tissue on humans, instead Far-UVC is completely absorbed by protective layers of the skin and eyes.

