

**PROTECTION FROM ABOVE**

ENHANCED SAFETY AGAINST VIRUSES, BACTERIA & MOLD

This location has certified  
**CLEAN AIRE**

GUV-UVC DISINFECTION  
FDA & EPA approved

## UVC 42" Upper Air Suspension Mount 3-CCT ColorPreference® & Onboard Control Panel

EP-SAUA-L42 Series | Ambient Lighting with Internal UVC Technology

### PRODUCT FACTS



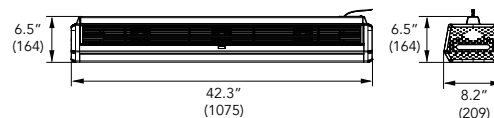
## ENHANCED AIRBORNE PATHOGEN DEFENSE SYSTEM AIR TREATMENT UV SOLUTIONS

### KEY PRODUCT FEATURES, DETAILS & SPECS

- Engineered with the latest in UVC germicidal technology to inactivate bacteria, mold & viruses
- Upper Air optical system keeps GUV above horizontal in a safe direct UVC disinfection upper zone
- Improve air quality for use while the space is occupied when installed at mounting heights of 9' or above
- The direct UVC upper disinfection zone helps disinfect ambient air circulated by the central HVAC
- Integral fan system also draws in ambient air to continuously facilitate air disinfection
- Blue Halo fan system returns the UVC treated & disinfected ambient air back into the space
- Integral motion sensors for added safety if motion is detected in the upper disinfection zone
- Choose from three different fan speeds best suited for your application's requirements
- Ambient LED performance equal to 60W @ 5,480 lumens (125W system wattage)
- ColorPreference® field selectable 3-CCT for added design flexibility (3000K, 4000K, 5000K)
- Telescoping suspension mount system for maximum design & installation flexibility
- Onboard control panel & remote control allows you to easily monitor & change factory settings



\*telescoping suspension mount for added design & installation flexibility



### STOCK ORDERING INFORMATION (typical 2-3 day shipment lead time)<sup>1</sup>

Catalog Logic/PT#	Model #	UPC	Size	Lumens	LED Watts	LPW	System Watts	CCT	CRI	Voltage	Dimming
EP-SAUA-L42-5200LM-8-3CP-MV-LVD	64504102	849489067650	42" Linear	5,480	60.0	91.3	125.0	3-CCT	80 (min)	120-277V	0-10V

**Notes:**

1. In-stock inventory due early Q4 2021, specs subject to change (contact factory for availability).



# UVC 42" Upper Air Suspension Mount

## 3-CCT ColorPreference® & Onboard Control Panel

EP-SAUA-L42 Series | Ambient Lighting with Internal UVC Technology



### MISCELLANEOUS PRODUCT SPECS & DETAILS

#### Load Information

Power Factor	> 0.90
THD	< 12.9%
Frequency	50/60 Hz
Sound Rating	27/32/46 dBA
Low Temp LED & Lamp	0° C (32° F)
Max Temp LED & Lamp	45° C (113° F)
Low Temp Fan	-10° C (14° F)
Unit Weight	24.2 lbs

### UV & FAN SPECIFICATIONS & DETAILS

UV Source	UV Wavelength	UV Irradiance	UV Wattage	UV Lifetime	Air Flow Rate	Fan Sound Rating	Fan Wattage	Fan Lifetime
LED	254nm	165 uW/cm <sup>2</sup>	60.0	7,000 hours	27 / 36 / 86 CFM	27 / 32 / 46 dBA	5.0	50,000 hours

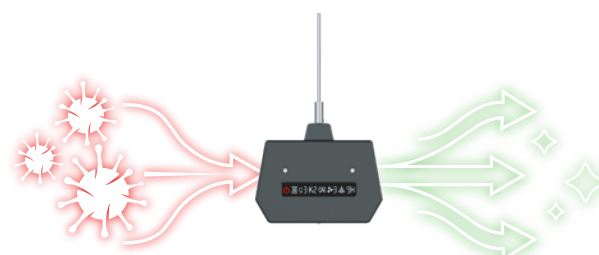
### UPPER AIR SYSTEM OVERVIEW

The SAUA-L42 UVC 2x2 Upper Air Suspension Mount is a hybrid lighting solution that combines traditional LED ambient illumination with Blue Halo's dual internal and direct upper air ultraviolet germicidal air disinfection system. This upper air system can improve air quality for use while the space is occupied when installed at suspension heights of 9' or above, requiring no specialized controls. All Blue Halo products can improve air quality when in use and the space is occupied vs. traditional direct UVC solutions that can be a health and safety risk if not properly operated.

Blue Halo Upper Air products are engineered with an integral quiet fan system designed to continuously funnel contaminated ambient air around and through a specially engineered UVC upper air optical system. UVC technology is proven to effectively kill or inactivate many types of bacteria, mold, fungi and viruses. The system then returns pathogen free air back into the occupied space.

Utilize SAUA-42 products to provide ambient lighting and germicidal disinfection with simple 'plug & play' operation to help create safer people spaces against airborne pathogens.

#### AIR TREATMENT UV UPPER AIR SUSPENSION MOUNT

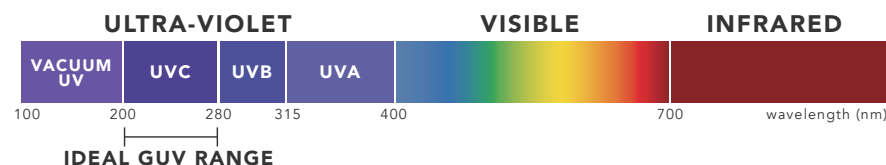


1. Integral fan & the space's HVAC system helps to funnel in contaminated ambient air
2. Passthrough & Upper Air direct UVC kills or inactivates pathogens & viruses
3. Pathogen free air is returned to the space, helping to increase air changes per hour



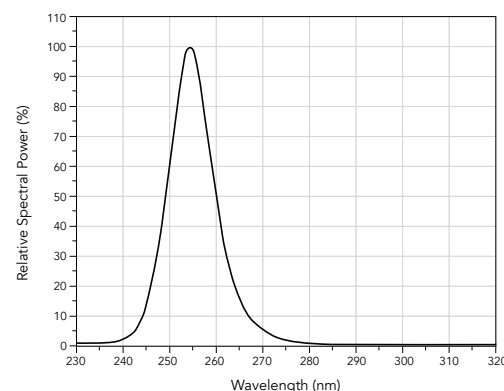
\*Tested on Influenza A Virus H1N1 for 2 hours in a 30m<sup>3</sup> (1059 Cubic ft.) chamber. Removed 99.9% of Influenza A Virus H1N1 from the air. Not yet tested on SARS-CoV-2 (commonly known as COVID-19). Not proven to kill SARS-CoV-2 or prevent the transmission of Covid-19. No air treatment device can guarantee the prevention of virus transmission. We recommend following CDC guidelines.

### GERMICIDAL UV LED SPECTRUM DETAILS



- GUV (Germicidal Ultraviolet) is an effective and proven disinfection technology in use for over 35-years
- The short ultraviolet wavelengths in the photobiological band "UVC" is ideal in eliminating pathogens
- The UVC range is outside the visible spectrum of "light" that can quickly kill bacteria & inactivates viruses
- Thanks to its fast germicidal efficacy, GUV within the UVC range is great for air & surface disinfection
- Germicidal effectiveness is set by the exposure dosage in irradiance & time (how much & how long)
- Direct exposure to GUV within the UVC range can be a safety & health hazard to both the skin & eyes
- Blue Halo upper air products can improve air quality when in use & installed at a minimum of 9' AFF

#### SAUA-L42 Series UVC LED Spectrum



All specs are subject to change w/o notice & all reported values are nominal/typical measured under lab conditions @ 25° C (77° F).

\*\*All references to "disinfection" are referring to the general reduction or inactivation of potential pathogens within a space.

\*\*ETI SSL and its parent company does not promise/warrant the use of Blue Halo products will protect or prevent any end user from contamination and/or infection by any bacteria, mold, fungi, virus, illness or disease.

LEDS-SADS4009A | September 14th, 2021 | Page 2 of 2



730 NW 7th ST  
Fort Lauderdale, FL 33311

1.954.284.0920

[www.BlueHaloLighting.com](http://www.BlueHaloLighting.com)

[info@bluehalolighting.com](mailto:info@bluehalolighting.com)