

LEED Credits BP Series Air Disinfection Products: BP3131 HVAC; BP1212 and BP2424 Room Air Disinfection

LEED credits are given based on the overall site/building eco system. They do not award credits based on the use of a specific product, but products that are used to affect the overall site status. The AUVS line up, specifically the BP1212, BP2424, and BP3131 will help with points in certain categories.

In order for a building to be considered LEED-certified it must be efficient in its use of materials during construction and maintenance into the future. In order to earn points, you have to meet credit qualifications, which include things like using less water and energy, as well as limiting greenhouse gas emissions, not to mention the building materials used. As with many things, please be aware some areas and items are negotiable, and you have to teach them on new technologies that address categories but there are precedences set regarding the use of our type products.

Below are the specific categories.

LEED Credits Categories

- Sustainable Sites
- Water Efficiency
- Indoor Environmental Quality
- Material and Resources
- Energy and Atmosphere
- Location and Transportation
- Innovation
- Regional Priority
- Integrative Process

The BP series will help on the following categories:

- 1. Indoor Environmental Quality** - The Indoor Environmental Quality category rewards decisions made by project teams about indoor air quality and thermal, visual, and acoustic comfort. Green buildings with good indoor environmental quality protect the health and comfort of building occupants.
 - a. The BP series directly targeted at indoor air quality (IAQ) above and beyond standard energy efficient HVAC systems and filtration.*
- 2. Innovation** - Sustainable design strategies and measures are constantly evolving and improving. New technologies are continually introduced to the marketplace, and up-to-date scientific research influences building design strategies. The purpose of this LEED category is to recognize projects for innovative building features and sustainable building practices and strategies.
 - a. The BP series addresses the use of new technologies to improve health and wellbeing and IAQ. There is also a precedence already out there for point awards based on UVC in the HVAC system.*



Brought to you by AUVS, makers of the only Germicidal Enclosure named to Newsweek's list of Best Infection Prevention Products for 2020 and 2021

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ADVANCED ULTRA-VIOLET SYSTEMS

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3. **Energy & Atmosphere** - The Energy and Atmosphere category approaches energy from a holistic perspective, addressing energy use reduction, energy-efficient design strategies, and renewable energy sources.
- a. *The BP series can be attributed to energy efficient design strategies in lieu of HEPA filtration that causes a pressure drop and extra HVAC load/energy use also in lieu of makeup air (air from the outside) that must be conditioned.*

NEW... [LEED credits for coronavirus prevention](#) belong to a new category called **Safety First**. They are still pilot credits that will be updated based on new information about COVID-19, as well as feedback from the building sector.

- Safety First: Cleaning and Disinfecting Your Space (1 point)
- Safety First: Re-Enter Your Workplace (1 point)
- Safety First: Building Water System Recommissioning (1 point)
- Safety First: Managing Indoor Air Quality During COVID-19 (1 point)



Based on our own patented application of UV-C technology that has been protecting the UV Pentagon from bio-terrorism for more than a decade, the HVAC-integrated **BioProtector 3131** provides—for the first time ever—true, continuous air disinfection.



The **BioProtector 2424** and **BioProtector 1212** is a proven UV-C based air disinfection system using LED technology to reduce costs and eliminate Mercury. It can be used with adults and children present providing peace of mind for the safe return to work and school.