

Revolutionary disinfection

New GAC combines down light disinfection and UVC air chamber

Part of the **UVFocus** line from LumenFocus, the GAC is a revolutionary, state-of-the-art disinfection luminaire. This product utilizes IllumiPure LED technology to provide anti-bacterial and anti-viral illumination.

The GAC utilizes a two-prong approach to disinfection: the near-UV anti-bacterial down light and an anti-viral and anti-bacterial rear germicidal air chamber. The GAC can be placed in rooms, plenums or air ducts. The down light component utilizes near-UV light to disinfect hard or soft surfaces. This light is part of the normal visible LED spectrum, and is completely harmless to humans and animals. These surfaces are cleansed simply by keeping the lights on. You can keep working while the down light cleanses the room!

Light emitted from IllumiPure's LEDs in the down light shines onto surfaces and penetrates harmful micro-organisms. The light targets naturally occurring molecules that exist inside the bacteria, and a reaction occurs inside the cell similar to what occurs when you use bleach. The bacteria is rendered inactive, which prevents it from re-populating on the surface or traveling to further hosts.

In the rear of the fixture is a 260-265nm germicidal chamber. The 2x2 unit features a fan in the center, while the 2x4 utilizes two fans. These fans circulate air into the chamber, where 99.9 percent of all airborne pathogens will be rendered inactive simply by passing through the light in the chamber. This includes viruses (including COVID-19), bacteria and spores. The clean air is then circulated back into the room. There are two fan options - a higher CFM option for greater airflow, and a lower CFM option for quieter applications. The GAC is safe for occupied rooms - since the UVC is in the rear of the fixture, humans are shielded from exposure.



The housing of the GAC is constructed of aluminum, and the frosted lens is proprietary polycarbonate. It utilizes a carbon filter to catch leftover fine particulates. An IoT compatible option is also available.

A similar product, minus the down light component, is available in the GAB LED germicidal air flow chamber. More information can be found at our website, or at www.uvfocus.com. Contact factory for pricing and lead time information.



Contact us today for more information!

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