



**LUMINOSITY**  
SUPPLY & SOLUTIONS

## **INFORMATION AND LINKS TO HELP YOU UNDERSTAND GERMICIDAL & UV LIGHTING SOLUTIONS TO COMBAT COVID-19**

### **“Does UV lighting effectively inactivate the virus responsible for COVID-19?”**

According to the Illuminating Engineer’s Society (IES) report published April 2020, their answer is “Yes” but only under certain conditions.

<https://www.luminositysupply.com/cms/resources/ies-committee-report-on-germicidal-ultraviolet-guv-2020.pdf>

The most effective **UV Lighting** for inactivating viruses is UV-C. Although UV-C also kills bacteria, facility managers and owners must consider all the specifics details of their facility before deciding on what is the best UV Germicidal lighting solution for their goals.

While the IES found that **Upper Room** or air handling systems are the most effective ways to inactivate airborne contaminants, a UV-A and UV-B lighting product is also useful in killing bacteria in lower room areas. These solutions are particularly effective in health care facilities, pharmacies, and other areas where infection is at high-level concern.

It is important to understand all the options that are available and what solution will work best for you! That is why you need a partner in the lighting industry. Luminosity Supply is here for you!

### **Not sure which solution is right for you?**

The Luminosity Team is only a phone call away. We have numerous products and different manufactures to select from and are focused on finding the right solution for you and your facility. Call us at today at 303.287.4332.

**We offer Germicidal Products from the following Manufacturers -**

**GE current**  
a Daintree company  
**UV-A lighting**

**PURO™**  
UV Disinfection Lighting

**HOWARD®**  
LIGHTING PRODUCTS

*Hygeaire*  
ULTRAVIOLET INDIRECT AIR DISINFECTION

**aledra LED Lighting**

## SOLUTIONS TO CONSIDER

UV light is frequently used for disinfection across multiple industries. But what is UV light? The difference between UV and other types of light is the wavelength. UV light has a wavelength between 100 and 400 nanometers (nm), shorter than that of any visible light.

There are generally considered to be three subtypes of UV light, divided by the difference in wavelengths: A (shorter), B, and C (longer). But you may also hear them referred to by Near (UV-A), Middle (UV-B), and Far (UV-C).

Ultimately, whatever name you refer to it by, the wavelength determines what happens when the light encounters living and non-living things—including people, material, and dangerous pathogens.

UV-A light reduces bacteria and is safe for human exposure. This means, it can run continuously while an area is being used—which saves time and resources.

### LEARN MORE ABOUT GE CURRENT LBU22 SERIES BACK LIT T-GRID DISINFECTION LIGHT

**GE current's new 365DisInFx™ technology** is invisible, reduces bacteria, and abides by industry safety standards, providing a disinfectant lighting solution in areas where both conventional light is needed and people are present.

**GE current's 365DisInFx™** technology is:

- Proven to combat common pathogens via in-vitro testing with up to a 99.7% reduction of common pathogens on surfaces over an 8-hour period at 3W/m<sup>2</sup>.\*
- Safe for people in accordance to the IEC photobiological safety standard 62471 and invisible to the human eye.

...and allows for:

- Integrated controls that are available with standard white light. Disinfection light can be controlled independently of white light using wired or wireless control options.
- Two cycle options, including an 8-hour option that provides an increased disinfection kill rate through high-intensity irradiance with no disruption to workflow and a 24-hour option which provides low-level, continuous disinfection kill rate through low-intensity irradiance with no disruption to workflow.\*

*Note: All claims are based upon proper installation of fixture as detailed in Current's Application & Installation guide.  
\*99.7% kill rate achieved on MRSA only and 8-hour option is achieved with controls utilization.*



**LBU Series**  
Recessed LED luminaire

**GE current**  
a Daintree company

**GE CURRENT LBU SERIES BROCHURE** <https://www.luminositysupply.com/cms/resources/ind560-lumination-disinfection-technology-brochure-luminosity-supply.pdf>



**HELOF1/F1-12/F1-24**  
UV disinfecting fixtures



**HELOF2**  
UV disinfecting fixtures

**PURO™**



← **SENTRY M4**

**SENTRY M2-T** →

**SENTRY M2-C** ↓

**PURO™**

## [LEARN MORE ABOUT PURO LIGHTING](#)

Another great option is **PURO™ Lighting**, offering advanced UV disinfection products, powered by the patented technology from Violet Defense™. Their independent clinical testing proves the ability of their UV disinfection lights to rapidly kill up to 99.9% of many viruses, bacteria, and fungal pathogens, including norovirus. Per the EPA emerging pathogen guidelines and based on clinical testing completed, PURO products show efficacy against Class 2 and 3 viruses, including coronaviruses, influenza, and ebola.

PURO Lighting uses a powerful, broad-spectrum light, including germicidal UV-C and UV-B and anti-bacterial UV-A to optimize their germ-killing efficiency. UV transmissive polymer lenses allow significant UV energy transmission without the fouling that occurs over time when using non-UV transmissive lens materials.

The **PURO Helo™ Series** of fixtures are:

- The first known high-intensity, full-spectrum UV disinfection fixtures able to be positioned in the ceiling, as well as provide the options of being suspended like a pendant light or mounted on a wall.
  - Proven to provide unparalleled whole-room, clinical-level cleaning in any size space.
  - Able to disinfect on demand in one cycle.
  - Programmed to run on your schedule, disinfecting the whole room whenever it is unoccupied.
  - Integrated into your BACnet (Building Automation System) to enhance control and reporting.
- The PURO Mobile Sentry™ Series provides the same level of disinfection as their Helo counterparts

and are:

- On the ground, ready to protect the health and wellness of the people in your environment.
- Easy to maneuver and simple to operate.
- Built with two UV Light Engines at their hearts.
- Available in configurations with locking casters or tripod bases, both with telescoping necks to provide wide coverage.

**PURO LIGHTING PRODUCTS BROCHURE** <https://www.luminositysupply.com/cms/resources/puro-brochureluminositysupply.pdf>

**VIEW PURO LIGHTING VIDEO (Click on LUMINOSITY SUPPLY LOGO Below)**



We are here to help you create a healthy and safe work environment!  
Call us TODAY and we can discuss the best solution for you!

**LUMINOSITY**  
SUPPLY & SOLUTIONS

303-287-4332  
LuminositySupply.com

**We're More Than a Distributor, We're Your Supply Partner!**

The advertisement features a green background with a dark blue circular logo in the center. The logo contains a stylized sunburst icon above the text 'LUMINOSITY SUPPLY & SOLUTIONS'. Below the logo, the phone number '303-287-4332' and website 'LuminositySupply.com' are listed. At the top and bottom of the graphic are promotional messages in white text.

## UPPER AIR OPTIONS

### **ULTRAVIOLET INDIRECT AIR DISINFECTION UPPER AIR FIXTURES HYGAIRE**

<https://www.luminositysupply.com/cms/resources/hygeairebrochure-luminosity-supply.pdf> - BROCHURE



## THERMAL SCANNERS – TEMPERATURE SENSING KIOSKS

### **ARRIVSCAN**

<https://www.luminositysupply.com/cms/resources/puro-brochureluminositysupply.pdf> - BROCHURE



### Introducing the Howard **ArrivScan mini** Temperature Sensing Kiosk

This Contactless Passive Detection Temperature-Sensing kiosk helps maintain a healthy environment for employees, customers, students, visitors, and the general public. This innovative gate-keeping solution can sense the temperature of anyone who passes through its sensors, allowing you to detect those with elevated temperatures. Designed for HR applications and ideal for businesses, schools and universities, restaurants, retailers, hospitals, clinics, and anywhere else you want to be proactive about avoiding the spread of infection.

# **INFECTION CONTROL PLEXIGLASS BARRIERS – SNEEZE GUARDS**

<https://shopluminosity.com/productbrowse12.aspx?catid=COVID19&subcat1id=COVIDPPE>



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303-287-4332

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Manufacturers

## Personal Protective Equipment (PPE)

COVID 19 Resources & Products > Personal Protective Equipment (PPE)

### INFECTION CONTROL BARRIERS - 36"W X 32"H w/ 12" Opening -



**Product Number:** INFECNTBAR

**Available in:** EACH

[VIEW PRODUCT DETAILS >](#)