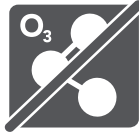


# LumiCleanse™ UV-C1 ULTRAVIOLET GERMICIDAL LIGHT



120V

VOLTAGE



OZONE-FREE\*



1 YEAR WARRANTY

HELPS ELIMINATE THESE PATHOGENS



BACTERIA



MOLD/FUNGI

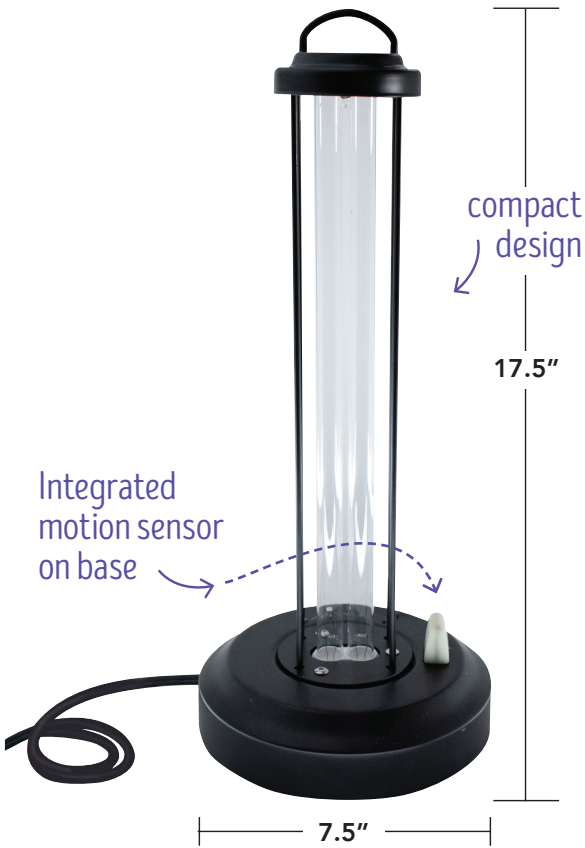


VIRUSES



ALLERGENS

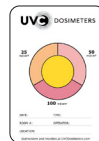
## significantly reduces the presence of surface & airborne pathogens



- Germicidal UV-C Quartz Lamps with 254nm wavelength has a proven track record for use in germicidal applications.
- Designed with safety in mind. Once the unit is turned on by the remote control, there is a 15 second delay before the UV-C1 light starts, to give the user time to exit the space. An integrated motion sensor will detect any movement if someone mistakenly walks into the space while the light is on and the fixture will automatically shut off.
- Perfect for placement on tabletop, counters, desk, etc.
- 8' cord with plug for easy set-up.
- Low power consumption – uses only 38W.
- Coverage area is up to 300 sq ft.

PART #	UPC	WATTAGE
RP-UVC-LC1-38W	844006058395	38W

### OPTIONAL ACCESSORIES – DOSIMETER CARDS (SOLD IN PACKAGES OF 10 CARDS)



- Easily verify a surface received the required amount of UVC exposure.
- Center circle changes colors which correlate to levels of UVC received.
- Test the effectiveness and functionality of your UVC equipment regularly for added peace of mind.

PART # LC-UVC-TRICARD-10PK | UPC 844006062286

\* Operates without producing harmful ozone, which can cause respiratory issues and chest pain.



**WARNING:** THIS PRODUCT CAN CAUSE INJURY IF IMPROPERLY USED. DO NOT OPERATE IF PEOPLE, ANIMALS OR PLANTS ARE IN THE AREA.

04.13.21 Information is subject to change without notice.

LumiCleanse

Light Efficient Design

Available from Major Electronix | sales@majorelectronix.com | 800-966-2345 | www.productsforautomation.com

# LumiCleanse™ UV-C1

ULTRAVIOLET GERMICIDAL LIGHT



## PROVEN TECHNOLOGY

With the heightened focus on health and concerns about a wide variety of pathogens, we have decided to expand our product line into germicidal UV-C solutions. UV-C light has a long history of killing bacteria, viruses, mold, fungus and allergens.

Our RemPhos LumiCleanse UV-C1 fixture uses light sources that include UV-C wavelength that has a proven track record of killing efficacy.

The wavelengths of light we are using in these fixtures have been tested using CDC standards to eliminate viruses at a 99.9% kill rate.

UV-C light is germicidal, meaning it deactivates the DNA of bacteria, virus and other pathogens, destroying their ability to multiply and cause disease. Since it can also cause skin and eye damage, it must only be used in unoccupied rooms.

ULTRAVIOLET LIGHT IS PART OF THE LIGHT SPECTRUM, WHICH IS CLASSIFIED INTO THREE WAVELENGTH RANGES



UV-C | 100-280

UV-B | 280-315

UV-A | 315-400

## APPLICATION & USES



OFFICES



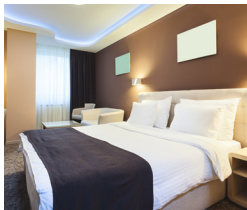
BATHROOMS



BREAK ROOMS



MAINTENANCE ROOMS



HOTEL ROOMS



SERVICE COUNTERS

## OPERATION GUIDELINES

Choose from 15, 30 or 60 minute 'on' times using the included remote control. Once the unit is turned on, there is a 15 second delay before the UV-C1 light starts. This gives the user time to exit the space. An integrated motion sensor automatically shuts off the UV-C1 light if people or pets enter the space while the UV-C1 light is in operation.

## SAFETY PRECAUTIONS

**WARNING: THIS PRODUCT CAN CAUSE INJURY IF IMPROPERLY USED. DO NOT OPERATE IF PEOPLE, ANIMALS OR PLANTS ARE IN THE AREA!**

- Do not look at the UV-C light during operation, as it can cause permanent eye damage.
- Avoid exposure to UV-C light, as it can cause skin damage or sunburn.
- Keep out of reach of children and pets. The UV-C1 light should only be used by authorized personnel.
- UV-C light can cause injury to people and pets. Do not operate if people or pets are in the room.
- UV-C light can damage paintings, artwork, photographs, plants and objects with limited UV-C resistance. Remove these objects from the area in order to avoid damage.
- The UV-C1 light does not contain any user serviceable parts. Do not disassemble or modify the light in any way.
- While the UV-C1 light includes a sensor to shut off power when motion is detected, it is strongly recommended that access to the room is prevented during operation. All entrances should be locked and windows covered.
- Exposure to UV-C light has proven germicidal properties. Areas covered or shadowed by other objects will not be affected by the UV-C light. For best results, it may be necessary to move objects or operate the light from multiple positions in the room.

# LumiCleanse™ UV-C1

ULTRAVIOLET GERMICIDAL LIGHT



## FAQs

### OPERATION

#### What is the coverage area?

The coverage area is up to 300 square feet.

#### What is the coverage area of the integrated motion sensor?

The sensor is designed to pick motion up and turn the fixture off automatically at a distance up to 25ft away.

#### Which time setting should I use?

The longer time settings can be used for larger areas; some general guidelines are:

- 15 minutes: up to 75 square feet
- 30 minutes: up to 150 square feet
- 60 minutes: up to 300 square feet

The actual time needed may be different due to the actual bioburden levels (the amount of bacteria, pathogens, fungi and viruses) in the room, the location of the light, and many other factors.

If the cleaning cycle is interrupted because the motion sensor senses motion before the time is over, cleaning will still occur, it just will not be as thorough as a complete cycle.

#### What type of power cable is included?

8-foot power cable with a standard grounded plug.

#### Is this light effective against COVID-19?

While this specific fixture has not been tested yet against COVID-19, UV-C is a proven method for killing a broad spectrum of viruses. In addition, numerous tests are underway from research institutions on UV-C w/ COVID-19.

#### Do you have 3rd party lab testing data to show efficacy?

Yes. A white paper on 3rd party testing is available on our website. We will be adding to this testing data package as more testing is performed. It is also important to note that the 254nm UV-C lamps we are using have a proven germicidal track record and have been widely used for many years in hospitals, food processing factories etc.

#### Is this an LED lamp?

No, it is a mercury vapor lamp in a quartz tube.

#### What is the warranty?

The light has a 1-year warranty against manufacturing defects. The bulb also has a 1-year warranty, but this does not cover breakage.

#### Is the lamp replaceable, can it be purchased from you?

The lamp is replaceable. We are currently exploring options for replacement lamps.

#### Is this light safe to use?

Any light that emits UV needs to be handled with care. This light is safer than most other lights on the market because it has an ETL safety certification as well as a sensor to shut off the light if anyone enters the area.

#### Does UV-C light damage plants?

Yes, it can damage plants.

#### Does UV-C light fade fabrics, paintings and other materials?

All UV light has the potential to fade materials. Different materials will be affected in different ways. We do not recommend using UV light near expensive artwork or textiles. Light Efficient Design will not be liable for any fading of materials.

#### I smell a slight odor after the UV treatment, is that normal?

Yes, some people may be sensitive to a smell that is a result of the UV light breaking down organic compounds. It is perfectly normal and safe to breathe in. If desired, the room could be aired out after UV light treatment.

#### Does this light create ozone?

No, this light is designed to avoid creating ozone. Ozone can cause lung irritation and aggravate any existing respiratory conditions. Since this light will be used indoors, ozone creation can cause harm to people in the area.

#### How is this lamp different than cheaper versions offered on Amazon or online?

This lamp is a high-quality lamp with ETL safety certification and a safety sensor. It is offered by a reputable company and comes with a full 1-year warranty. Many of the cheaper lights offered online do not have the 3rd party safety certification or the safety sensor.

#### What is the life of the lamp?

The bulb life is 10,000 hours. We recommend replacing after 5,000 hours use to ensure full output.

### PACKAGING

#### What is the carton size etc. of the LumiCleanse UV-C ?

Pieces per master carton - 6 pcs

Master carton dimensions - 28.4" x 18.9" x 20.5"

Weight - 14.4 lbs

Unit carton dimensions - 8.7" x 8.7" x 19.7"

Estimated weight - 2.4 lbs

#### What is the pallet quantity for these lamps?

Right now – 108 per skid. We are working to increase.