LumiCleanse™ UV-C1 ULTRAVIOLET GERMICIDAL LIGHT

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

Effectively kills 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. There is also an integrated motion sensor. If people accidentally walk into the space while the light is operating – the fixture will automatically shut off.
- Perfect for placement on counters, desks, work stations, etc.
- 8’ cord with plug for easy set-up.
- Low power consumption – uses only 38W.
- Recommended coverage area is 100 sq ft.

**COMPACT DESIGN**

- Integrated motion sensor on base

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

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WARNING: Operates without producing harmful ozone, which can cause respiratory issues and chest pain.

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LIGHT EFFICIENT DESIGN HEADQUARTERS 188 S. Northwest Highway • Cary, IL 60013
INNOVATION & MANUFACTURING CENTER 30 Log Bridge Road, Building 200 • Middleton, MA 01949
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10.20.20 Information is subject to change without notice.
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.

PROVEN TECHNOLOGY

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

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

- Quickly and easily verify a surface received the required amount of UVC exposure.
- Center circle changes colors which correlate to levels of UVC received.
- Convenient playing card size which allow the user to record and document for verification/validation purposes.
- Test the effectiveness and functionality of your UVC equipment regularly for added peace of mind.

<table>
<thead>
<tr>
<th>PART #</th>
<th>UPC</th>
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<tr>
<td>LC-UVC-TRICARD-10PK</td>
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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.
FAQs

OPERATION
What is the coverage area?
The coverage area is up to 100 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 50 square feet
- 30 minutes: up to 75 square feet
- 60 minutes: up to 100 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 with 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.

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 - 9 pcs
- Master carton dimensions - 18.9” x 18.2” x 20.5”
- Weight - 21.6 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.