

2021-5563
2023-10-03

Product Labels

Fixture Label

Current

Lumination® LBU22

[SKU Number] [SKU Description]

COMMERCIAL

READ THE LABEL, INSTALLATION INSTRUCTIONS AND OPERATING MANUAL BEFORE USING

REGISTRATION NO. 34964 PEST CONTROL PRODUCTS ACT

QTY:1PC

[Date code]

Caution 90°C conductors [UL warning logo]

Dry and Damp rated, not for Wet locations [UL warning logo]

[Input Voltage] VAC, 50/60Hz

[Input Wattage] W

[Input Current] mA

IP20, Class 2

[UL Mark]

Current Lighting Solutions, LLC

25825 Science Park

Beachwood, OH 44122

LED.com

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

WARNING - UV radiation emitted from this device.

Unintended use of the device, or damage to the housing, may result in exposure to ultraviolet radiation.

Ultraviolet radiation may cause eye and skin irritation.

Avoid exposing eyes and skin to ultraviolet radiation.

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CAUTION – RISK OF PERSONAL INJURY

THIS EQUIPMENT IS DESIGNED FOR USE WITH GERMICIDAL LAMPS OR UV SOURCES AND MUST BE INSTALLED IN COMPLIANCE WITH COMPETENT TECHNICAL DIRECTIONS TO PREVENT THE USER'S EYE AND BARE SKIN FROM EXPOSURE TO HARMFUL UV OR OPTICAL RADIATION

DO NOT INSTALL THIS EQUIPMENT IN A DWELLING

Type IC Inherently Protected

Vapor Barrier must be suitable for 90°C

Access above ceiling required

CAUTION –RISK OF FIRE

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

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Packaging Labels

Current

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LABEL

CURRENT
ULTRAVIOLET (UVA) DEVICE
Lumination® LBU22 Series
COMMERCIAL
REGISTRATION NO. 34964
PEST CONTROL PRODUCTS ACT

READ LABEL, INSTALLATION INSTRUCTIONS AND OPERATING MANUAL BEFORE
USING.

KEEP OUT OF REACH OF CHILDREN

Electrical Certification Logo

When used as a supplement to regular cleaning practices, Lumination® LBU22 Series kills 99.9% of bacteria on hard, non-porous surfaces, after 36hrs, when configured to deliver an irradiance of 1 W/m²

NOT INTENDED TO BE USED AS MEDICAL DEVICES AND ARE NOT REGISTERED AS
SUCH UNDER ANY APPLICABLE LAWS.

See Installation Guide and Label for Additional Precautions and Warnings.

CURRENT LIGHTING SOLUTIONS, LLC

d/b/a Current

25825 Science Park

Beachwood, OH 44122

UNITED STATES

+1-888-694-3533

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NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Product Act* to use this product in any way that is inconsistent with the directions on the label.

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Operating Manual

CURRENT
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CURRENT LIGHTING SOLUTIONS, LLC

d/b/a Current

25825 Science Park, Beachwood, OH 44122 UNITED STATES

+1-888-694-3533

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Current's Lumination® LBU22 Series

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN

WARNING - UV radiation emitted from this device.

Unintended use of the device, or damage to the housing, may result in exposure to ultraviolet radiation.

Ultraviolet radiation may cause eye and skin irritation.

Avoid exposing eyes and skin to ultraviolet radiation.

DIRECTIONS FOR USE

The use of this device is a supplement to, and not a substitute for standard infection control practices. Users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces.

When used as a supplement to regular cleaning practices, Lumination® LBU22 Series kills 99.9% of bacteria on hard, non-porous surfaces, after 36hrs, when configured to deliver an irradiance of 1 W/m².

Locations of Use

Lumination® LBU22 Series device provides UVA light for continuous sanitation of surfaces in occupied indoor spaces such as bathrooms, food processing facilities, gym locker rooms, hospitals, restaurants, commercial offices, retail, entrances, and lobbies. It is intended for common high traffic spaces, and not for dwellings or home use.

Application timing

This device should be operated continuously. When used and installed as directed, continuous 24-hour operation of the Lumination® LBU22 Series devices emits UVA under the daily exposure limits for occupied spaces set forth in IEC 62471 Photobiological Safety for Lamps and Lamp Systems standard.

Application rate

The devices should be installed in such a manner that provides an irradiance of 1 W/m² on target horizontal surfaces. Each Lumination® LBU22 device is designed to operate below both the near-UV (UVA) and actinic daily exposure limits recommended by IEC 62471 Photobiological Safety for Lamps and Lamp Systems standard in the occupied space.

NOTICE

- Product must be inspected once a month to verify normal operation and confirm the device is properly secured to the ceiling per the install instructions.
- Ensure power to device is shut off prior to performing any maintenance near or around the ceiling where the device is installed.
- For cleaning maintenance, please use dry paper towel or air spray (no oil or chemical base) or a fabric duster to wipe down any dust that might be gathered on the device. For further guidelines please consult guidelines from NEMA GD 4-2020.
- Lumination® LBU22 devices have a rated life of 5-years. Current recommends replacing the product after 5 years of service.

WARNING

RISK OF ELECTRICAL SHOCK

- Disconnect power before servicing or installing product.

Make an Informed Decision

1. UV radiation can pose a risk of personal injury. Overexposure can result in damage to eyes and bare skin. To reduce risk of overexposure, equipment must be installed in accordance with application recommendations, including minimum ceiling height restrictions.
2. UV solutions are intended for common high traffic spaces and not for dwellings or home use.
3. Installation of the devices should be performed by qualified professionals as detailed in Current's installation guide.
4. To allow for occupancy during use, Current products comply with IEC 62471 – Photobiological Safety of Lamps and Lamp Systems standards when installed as directed.
5. Current's UV products are meant to be used in conjunction with other protective measures like manual cleaning and the use of proper PPE. They are not a substitute for other measures.
6. Current products are not intended for use as a medical device.
7. If combining two or more UV solutions, whether from Current and/or other manufacturers, please consult a trained product application representative to ensure the total irradiance (UV dose) does not exceed recommended human exposure limits. To the extent UV solutions are combined, it may impact inactivation rates.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Product Act* to use this product in any way that is inconsistent with the directions on the label.

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Questions:

Web: LED.com

Phone: 1-888-694-3533

Current

LED.com

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Installation Guide

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS

When using electrical equipment, basic safety precautions should always be followed including:

This equipment is designed for use with germicidal UV radiation sources and must be installed in compliance with competent technical directions to prevent risk of personal injury from UV radiation.

UV radiation can pose a risk of personal injury. Overexposure can result in damage to eyes and bare skin. To reduce the risk of overexposure this equipment must be installed in accordance with the manufacturer's site planning recommendations. This may include instructions on the relative location of each germicidal system component, the minimum distances between UV-generating devices and other objects or surfaces, and protection from line-of-sight exposure to UV radiation in occupied spaces located above the equipment mounting area (e.g., upper floor balconies, open staircases, etc.).

UV and optical radiation can be reflected by surrounding surfaces such as ceilings and walls. Since the reflective properties of surfaces can vary widely, it should be considered as part of site planning. Follow the manufacturer's recommendations for selecting appropriate ceiling and wall finishes.

Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.

Maintenance and servicing of this UV generating equipment shall be performed by authorized personnel. The equipment **MUST NOT** be in operation during maintenance or servicing work.

The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

Do not use this equipment for other than intended use.

Lumination® LBU22 devices are not intended to be used as medical devices and are not registered as such under any applicable laws. They provide an added layer of protection along with masks, hygiene, and social distancing.

SAVE THESE INSTRUCTIONS

Lumination® LBU22 Series (120-277V)



BEFORE YOU BEGIN

Read these instructions carefully and completely review application recommendations for this equipment.

Save These Instructions

Use only in the manner intended by the manufacturer.

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If you have any questions, contact the manufacturer.

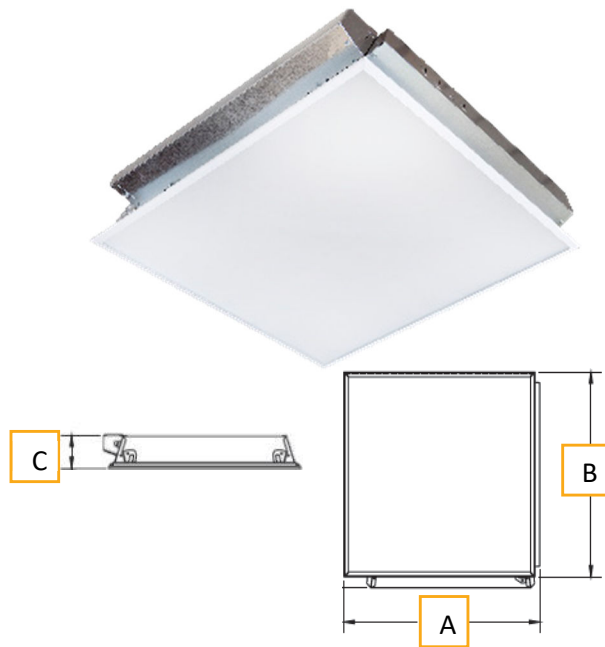
Installation and servicing should be performed by qualified personnel.

Lumination® LBU22 Series is an integrated LED luminaire with both white and UVA LEDs

A = 605 mm (23.82 in)

B = 605 mm (23.82 in)

C = 39 mm (3.5 in)



⚠ WARNING

RISK OF ELECTRICAL SHOCK

- Turn power off before inspection, installation, or removal.
- Properly ground electrical enclosure.

⚠ WARNING

RISK OF FIRE

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- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG (0.75mm²).

CAUTION

- Turn power off prior to installation; risk of UV exposure.
- Wear appropriate Personal Protective Equipment (PPE) during installation.
- When combining two or more UV solutions, whether from GE Current, a Daintree company and/or other manufacturers, please consult a trained product application representative to ensure the total irradiance (UV dose) does not exceed recommended limits for human exposure to UV per IEC 62471 Photobiological Safety for Lamps and Lamp Systems standard. To the extent UV solutions are combined, it may affect the inactivation rates.

Tools and Components Required:

- Device
- Slot or Phillips head screwdriver
- UL Listed conduit connections per NEC/CEC for nominal conduit trade sizes 1/2" or 3/4"
- UL Listed wire connectors
- Wire cutters
- Appropriate Personal Protective Equipment (PPE) for installation

Prepare Electrical Wiring:

Electrical Requirements

- The device must be connected to the mains power supply according to its ratings on the product label.

Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) and local codes.

For Technical Support, Please Contact

- By Phone: 1-888-694-3533
- By Email: lightingprodinfo@currentlighting.com

Locations of Use

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