IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

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

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.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE THAT PERSONS WILL NOT BE EXPOSED TO EXCESSIVE UV OR OPTICAL RADIATION DURING EQUIPMENT OPERATION. THIS WILL REQUIRE THE INSTALLER TO CONDUCT AN ASSESSMENT OF IRRADIANCE OR ILLUMINANCE LEVELS IN THE SURROUNDING OCCUPIED SPACES PRIOR TO OCCUPANCY.

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. Service personnel must wear appropriate Personal Protective Equipment (PPE) if the equipment will be in operation during the maintenance or servicing work. Contact the equipment manufacturer for PPE recommendations and guidance.

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.

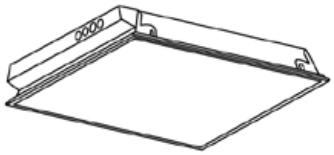
Device using Current's 365DisInFx™ technology are not intended to be used as medical devices and are not registered as such under any applicable laws. They provide an added layer of protection along with masks, hygiene, and social distancing.

SAVE THESE INSTRUCTIONS

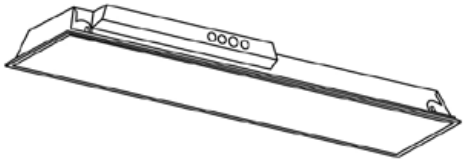
365DisInFx™ LED Luminaires LBU Recessed Series -UVA 120-277V

Germicidal Equipment

24 Series



22 Series



14 Series

BEFORE YOU BEGIN

Read these instructions completely and carefully.
Save these instructions for future use.
Installation and servicing should be performed by qualified personnel.

⚠ WARNING

RISK OF ELECTRICAL SHOCK
- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

⚠ WARNING

RISK OF FIRE
- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG (0.75mm^2).

⚠ CAUTION

- Turn power off prior to installation; risk of UV exposure.
- Wear appropriate Personal Protective Equipment (PPE).
- When 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 limits for human exposure to UV per IEC 62471 Photobiological Safety for Lamps and Lamp Systems standard and American Conference of Governmental Industrial Hygienists (ACGIH®) TLVs®. To the extent UV solutions are combined, it may affect the inactivation rates.

⚠ CAUTION

RISK OF UV RADIATION OVEREXPOSURE
- Highest irradiance at 500 MM: 3.9W/m^2

Tools and Components Required:

- LBU Series Luminaire
- Slot screwdriver or 1/4" hex nutdriver
- UL Listed conduit connections per NEC/CEC for nominal conduit trade sizes ½" or ¾"
- UL Listed wire connectors
- Wire cutters
- Appropriate Personal Protective Equipment (PPE)

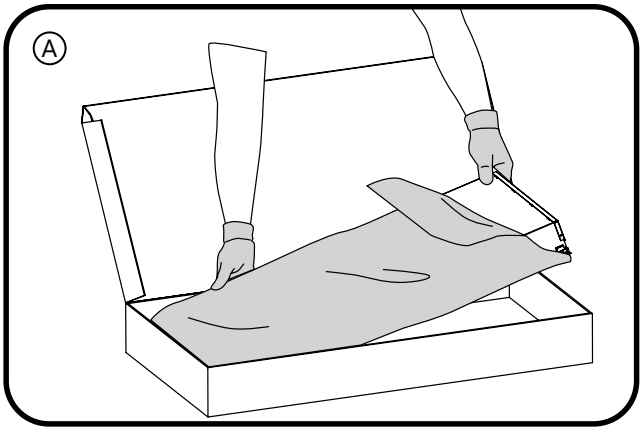
Prepare Electrical Wiring

Electrical Requirements
- The LED luminaire must be connected to the mains supply according to its ratings on the product label.

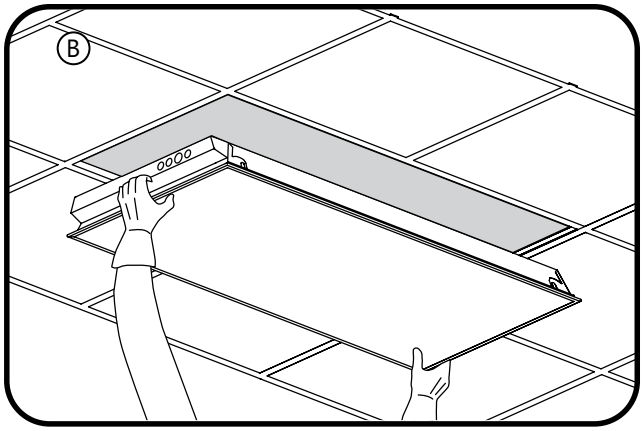
Grounding Instructions
- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) and local codes.

For Technical Support, Please Contact:
- By Phone: **1-888-694-3533**
- By Email: **lightingprodinfo@currentlighting.com**

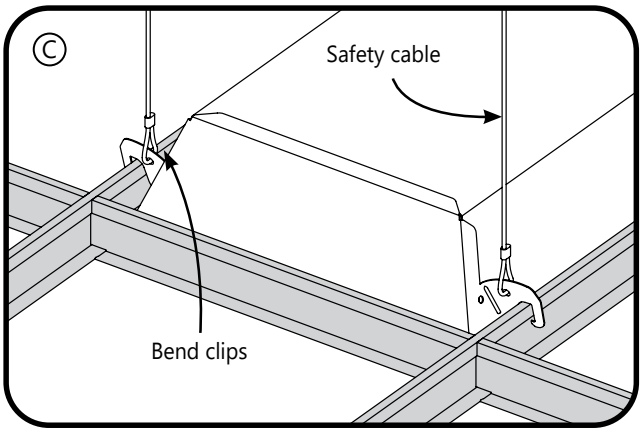
Installation



A Carefully unpack unit from its packaging. Properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire.



B Install the unit into the reserved hole in the ceiling. If installing more than one luminaire per room, follow instructions on the diffuser label to maintain consistent orientation. Lift fixture by metal frame and do not put pressure on the glass surface.



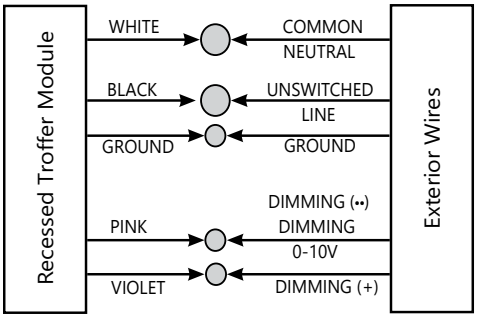
C Bend the 4 clips to secure the luminaire in place. Install the safety cables through the holes on the clips (per local building codes, safety cables by others).

Electrical Connections (SAVE THESE INSTRUCTIONS)

⚠ WARNING

RISK OF ELECTRICAL SHOCK: Disconnect power before servicing or installing product.

120-277V

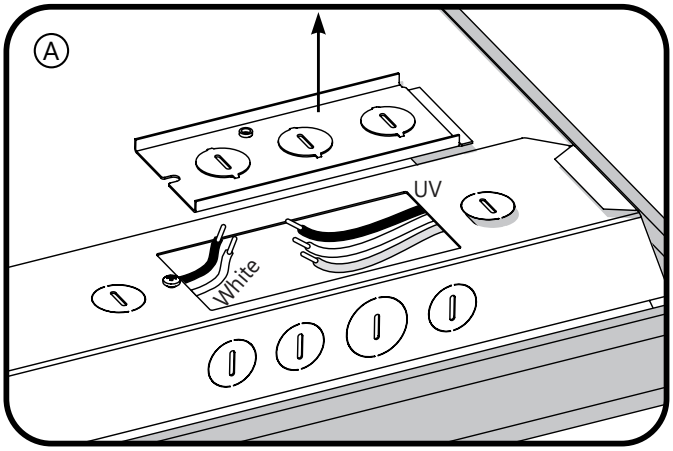


NOTE: Two sets of leads may be provided from the linear fixture labeled with black and white labels corresponding to "UV" and "WHITE" light circuits. These may be connected to the same or separate circuits depending on customer instruction. Dimming is not recommended on the UV circuit as it will reduce the disinfection effectiveness.

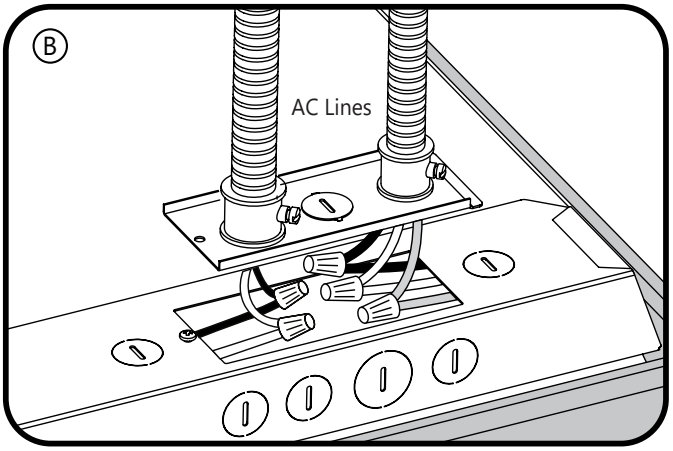
BLACK = **UV Light Circuit**

WHITE = **White Light Circuit**

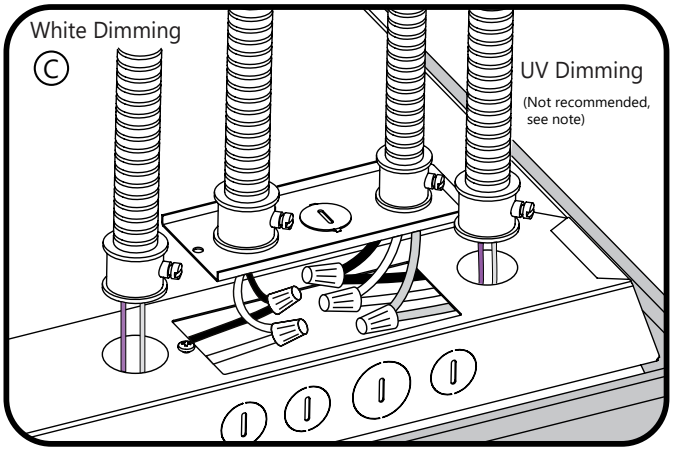
Electrical Installation



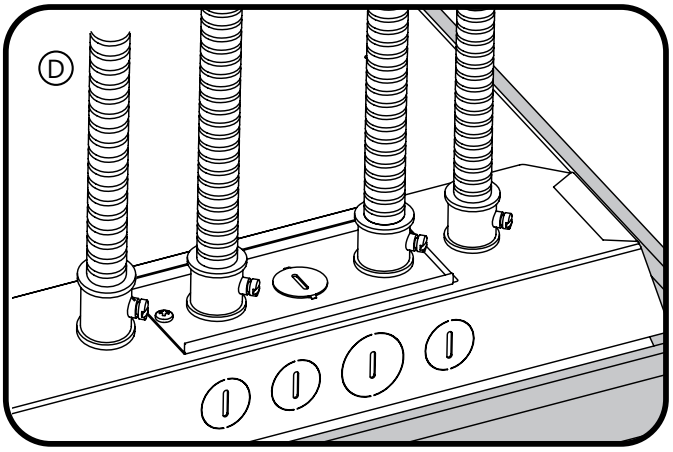
A Remove electrical enclosure cover. Remove knock-out for AC line input wires.



B Install listed electrical fittings in the knockout holes for wire protection. Connect the AC lines (UV- black label and WHITE -white label) to the luminaire internal wires according to the wiring diagrams using 18-14 AWG twist-on wire connectors.



C Install listed electrical fittings in the knockout holes for wire protection. Connect the dimming controls (pink and purple or purple and purple/white, one set for UV one set for WHITE) wires of the LED drivers using 18-14AWG twist-on wire connectors.
NOTE: Dimming is not recommended on the UV circuit as it will reduce the disinfection effectiveness.



D Replace electrical enclosure cover and secure it with the screw.

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 exposure, equipment must be installed in accordance with manufacturer's site planning and application recommendations, including minimum ceiling height restrictions.
2. UV solutions are intended for common high traffic spaces and not recommended fro 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 and American Conference of Governmental Industrial Hygienists (ACGIH®) TLVs® guidelines 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.

FCC Statements:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-005 (A) / NMB-005 (A)

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

Note: CONTACT Current for details and limitations when seeking to incorporate this product with an emergency system other than Battery Backup.

EPA:

EPA Est. 90375-MEX-1

Questions:

Web: LED.com | **Phone**: 1-888-694-3533

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to Current.