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.

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

**WARNING / AVERTISSEMENT**

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

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

**RISQUES DE DÉCHARGES ÉLECTRIQUES**
- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

**RISQUES D'INCENDIE**
- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG (0.75mm²).

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**STOP**
**BEFORE YOU BEGIN**
Read these instructions completely and carefully.

**Save These Instructions**
Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

Installation and servicing should be performed by qualified personnel.

**Components Supplied**
- Luminaire

**Tools and Components Required**
- 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
- Appropriate Personal Protective Equipment (PPE)

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**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.

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**CAUTION / ATTENTION**
- Turn power off prior to installation; risk of UV exposure. /Coupez l'alimentation avant d'installer; risque d'exposition à un rayonnement UV.
- Wear appropriate Personal Protective Equipment (PPE). / Portez les équipements de protection individuelle (EPI) appropriés.
Installation

1. 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.

2. 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.

3. 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

**WARNING / AVERTISSEMENT**

Risk of electrical shock. Disconnect power before servicing or installing product.
Risque de choc électrique. Couper l'alimentation avant le dépannage ou avant l'installation du produit.

**NOTE:** Two sets of leads may be provided from the recessed troffer module 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.

<table>
<thead>
<tr>
<th>Recessed Troffer Module</th>
<th>Exterior Wires</th>
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<tbody>
<tr>
<td>WHITE</td>
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<tr>
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<tr>
<td>GROUND</td>
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<tr>
<td>GROUND</td>
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<tr>
<td>GREY</td>
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<tr>
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<td>DIMMING (+)</td>
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<tr>
<td>0-10V</td>
<td>DIMMING (+)</td>
</tr>
</tbody>
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**BLACK** = UV Light Circuit

**WHITE** = White Light Circuit
Electrical Installation

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

2. 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.

3. Install listed electrical fittings in the knockout holes for wire protection. Connect the dimming controls (grey 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.

4. Replace electrical enclosure cover and secure it with the screw.
SAVE THESE INSTRUCTIONS

Luminaires using Current’s 365DisInFx™ technology are not intended to be used as medical devices and are not registered as such under any applicable laws.

This device complies with part 15 of the FCC rules for the United States and Industry Canada (IC) license exempt RSS standard(s). 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. Any changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate this equipment. This product is intended for commercial use only.

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 his own expense.

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