Maintenance:

Typical maintenance of the germicidal component is replacement of the UVC Lamp annually maximum life is 2 years (3 years on our 14" T3 Lamp).
UV lamps undergo a photochemical process during operation. This slowly reduces the amount of UV light generated to disinfect against airborne pathogens.

Important:

When installing new lamps, ensure that the lamp glass is free from any fingerprints or debris, as this may alter the path of the UV energy. Use rubbing alcohol and a dry cloth to remove any surface contaminants.

Replacement Lamp Log Sheet:

Included with the product is a replacement lamp log sheet. It is provided as a label so it can be attached near the installation to ensure lamp replacements are being tracked.
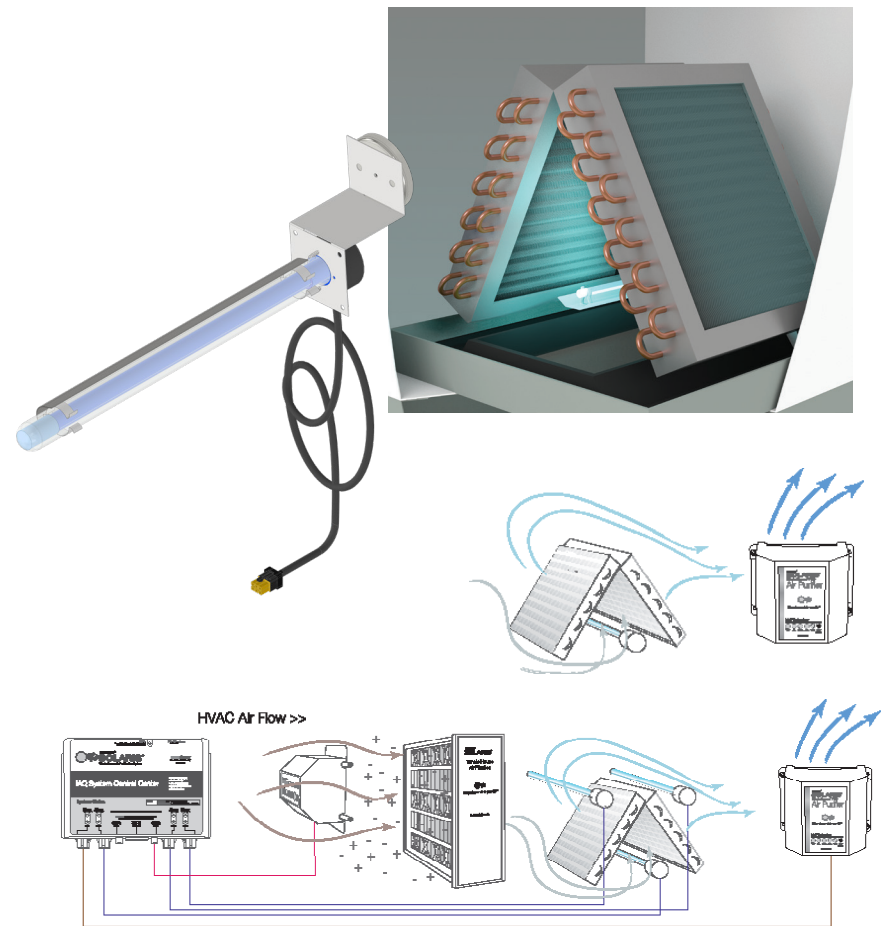
Replacement Lamp Part Number:

AS-IH-1001..Solaris / Ultravation 12" 1800 Hour UVC lamp
AS-IH-1024..Solaris / Ultravation 14" 2700 Hour UVC lamp
AS-IH-1003..Solaris / Ultravation 17" 1800 Hour UVC lamp

Warranty:

Solaris germicidal light(manufactured by Ultravation, inc) is warranted for a period of one year after date of consumer purchase.
This warranty does not include damage to the unit from accident, misuse or improper installation.
If this product should become defective, Ultravation will elect to repair or replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid to the customer, provided that the product was delivered pre-paid.
Ultravation shall have no responsibilities for charges incurred by the customer for installation or removal of warranted items. Liability is limited only to the replacement or repair of this product.
This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

Ultravation,Inc.
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made in the
USA

DC-OM-SLXAAL-12-17

Ultravation®

SOLARIS®

Installation and Owners Manual
Germicidal lighting component for HVAC
UVC Lamp adder kit for Whole purifier and IAQ power Module

MODEL NO:	DESCRIPTION
SLX-AAL-12:	SOLARIS (R) add a light Upgrade with one 12" lamp with magnetic mount
SLX-AAL-14:	SOLARIS (R) add a light Upgrade with one 14" lamp with magnetic mount
SLX-AAL-17:	SOLARIS (R) add a light Upgrade with one 17" lamp with magnetic mount

Ultravation®
Better Air | Better Water | Better Living

Package Contents:

- One 12", 14" or 17" UVC lamp
- One Light Shield
- One round lamp mounting gasket
- One lamp lead
- One strain relief grommet

- One "Y" connector
- One magnet with screw
- Lamp Mounting Plate with hardware
- UVC warning label
- Replacement lamp log sheet

Safety Precautions:

It is recommended that this unit be installed and maintained by a trained technician.

WARNING: UV Hazard. Always protect eyes from ultraviolet light. NEVER look at UV lamps in operation. Unplug or disconnect power before replacing lamps or servicing.

WARNING: Severe eye damage or temporary blindness may occur.

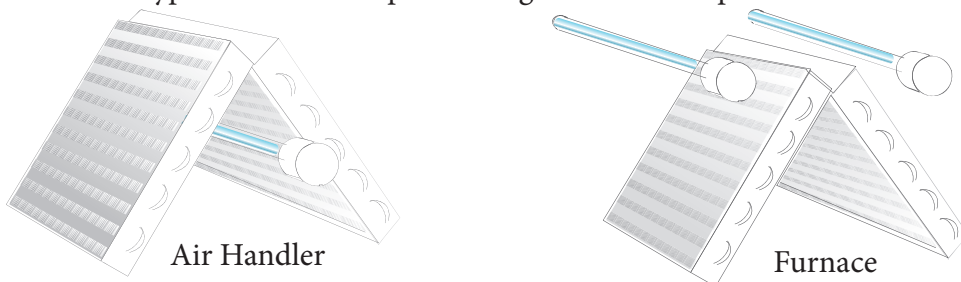WARNING: DO NOT operate outside of air handler. Mount product in preferred location first. No openings should be allowed which would give direct line-of-sight to the UV light.

In the event of accidental breakage or replacement of the ultraviolet lamp, please ensure that the lamp is disposed of in accordance with local and state environmental laws regarding fluorescent lamps containing mercury.

Notice:

All wiring inside of the air handler in direct line of site of the UV lamp must be shielded with aluminum foil tape or equivalent non-combustible material. When installing this unit, select a mounting location that prevents ultraviolet light exposure to synthetic or other plastic components with unknown resistance to ultraviolet light. Ultraviolet light may cause color shift or structural degradation of plastic internal components.

Typical installation points for germicidal lamps

Air Handler   Furnace

⚠ **Step 1: turn off power to the Solaris IAQ module**
-unplug- or disconnect the breaker

2. A. Mounting the UVC Lamp from outside the Air Handler - Select location for UV lamp module. Drill a 1" hole. Mount mounting plate over drilled hole with four self-tapping screws (supplied). Peel backing off lamp mount gasket and place gasket on lamp mounting plate (aligning all holes). Insert UV lamp module into in hole. Attach to HVAC system with two self-tapping screws (supplied).

2. B. Mounting the UVC Lamp from inside the Air Handler -Install the light shield inside the air handler in a location that will position the UV lamp such that it bathes the entire surface to be treated. Plug the lamp connector onto the lamp and snap into the bracket.
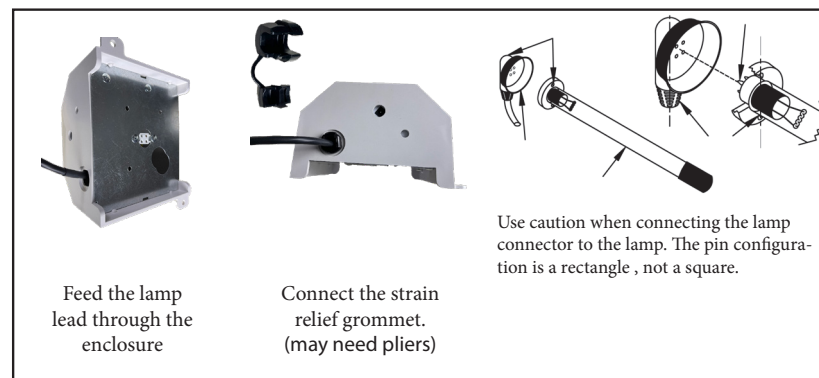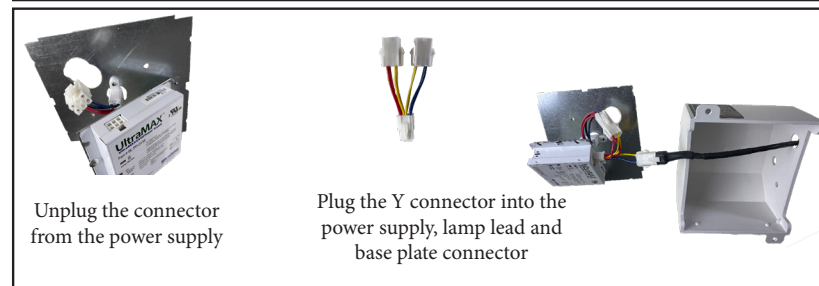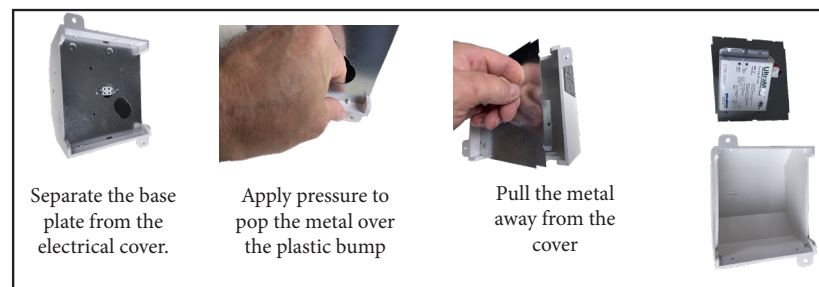
The metal shield may or may not be used depending upon the type of install. Typically if used in an Air handler application the shield is sometimes used to mount the lamp in the "inside" of the "A" coil.

The shield can also be used to block UVC energy when necessary.

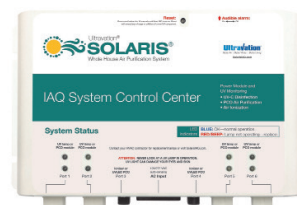This UVC light kit can be used on standalone products as well as the solaris Power Module system.
Supported standalone models are: SLX-1024, SLX-CAT24

Standalone instructions:

Separate the base plate from the electrical cover.

Apply pressure to pop the metal over the plastic bump

Pull the metal away from the cover

Unplug the connector from the power supply

Plug the Y connector into the power supply, lamp lead and base plate connector

Feed the lamp lead through the enclosure

Connect the strain relief grommet. (may need pliers)

Use caution when connecting the lamp connector to the lamp. The pin configuration is a rectangle , not a square.

Power Module option:

Disconnect power cord from base while adding this option
Choose any port to plug the lamp cable into. Unused ports will automatically turn off once the system resets.

P/N: SLXPOWERPRO-4LV

After all the mounting procedures have been completed. Connect power to the IAQ module. the module will automatically search for Solaris IAQ accessories to power up