



Maintenance • Service • Safety

Recommendations For Lumalier MED Series UVC Units



1931 Thomas Road | Memphis TN 38134 | 901-800-1709
EPA EST. NO. 91347-TN-002

Maintenance

Scheduled Maintenance Procedures

Quarterly – Visually inspect lamps through a viewing window to ensure all lamps are operational.

Semi-Annually – If the lamps show visual dust accumulation, they should be cleaned.

To clean lamps:

- Read the "Safety" section on next page first.
- De-energize by switching the toggle switch to the "OFF" position.
- Remove the bottom cover & louver set.
- Using soft cotton gloves, remove the lamps from the UVC unit.
- Wipe lamps with a soft cotton cloth and isopropyl alcohol; allow to dry.
- Replace the lamps.
- Replace the louver set & bottom cover.
- Turn on the toggle on/off switch. Read warnings.
- Inspect the lamps from below to ensure all lamps are energized.

Annually – Replace the lamps.

To replace lamps:

- Read the "Safety" section on next page first.
- De-energize by switching the toggle switch to the "off" position.
- Remove the bottom cover & louver set.
- Remove the used lamps from the UVC unit.
- Wearing soft cotton gloves and using a soft cotton cloth, with isopropyl alcohol, wipe the new lamps and allow to dry.
- Install the new lamps.
- Replace the louver set & bottom cover. Read warnings.
- Turn on the exterior toggle switch. Inspect the lamps from below to ensure all lamps are energized.

Service

Lumalier replacement parts and lamps can be purchased from authorized distributors.

For information call 901-800-1709.

Safety

Personal Protective Equipment

Employees must wear personal protective equipment whenever UVC irradiation measurements are being made close to the lamp source in order to document lamp output, or when maintenance procedures must be performed in areas where UVC systems are activated. Personal Protection Equipment includes:

- Safety glasses with side shields
- Head, neck and face covering opaque to UVC irradiation
- Soft cotton gloves
- Long-sleeved, tightly woven fabrics with SPF 15 or greater

Reporting UV Exposure

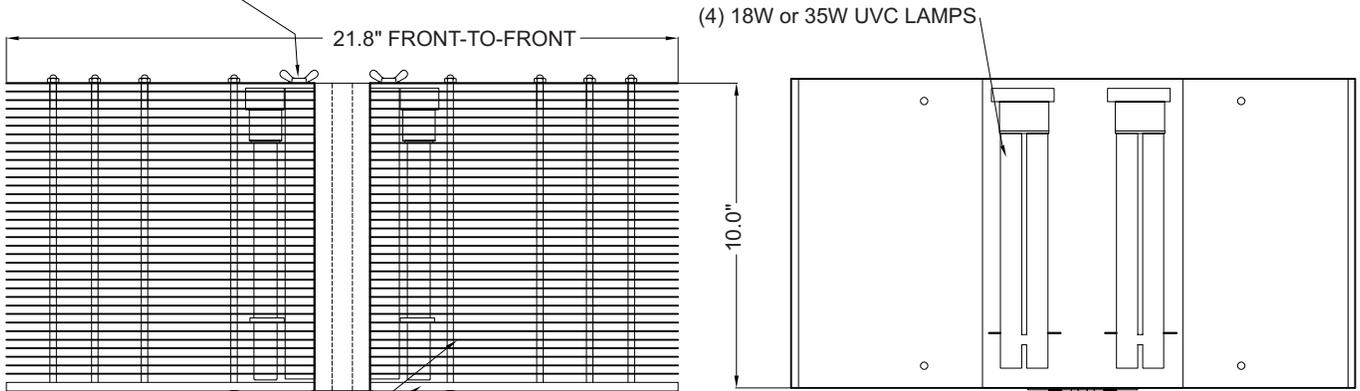
If temporary eye or skin irritation develops after acute exposure to UVC irradiation, contact your supervisor and/or physician.

Material Safety Data Sheets (MSDS)

For MSDS sheets on our lamps, please contact your local Lumalier representative.

DATA SHEET MED-418 & MED-435

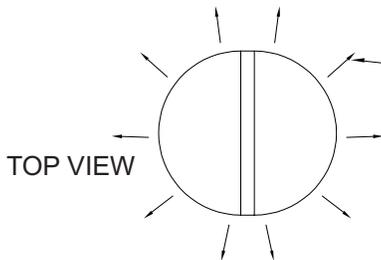
WING NUTS TO REMOVE LOUVER SETS FOR MAINTENANCE



BOTTOM COVERS & LOUVER ASSEMBLIES ARE REMOVABLE FOR MAINTENANCE.

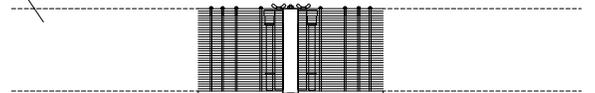
SIDE VIEW

FRONT VIEW LAMP ARRANGEMENT (WITH LOUVER ASSEMBLY REMOVED)



TOP VIEW

360 DEGREE HORIZONTAL BEAM PATTERN



TELESCOPING MOUNTING POLE SUPPORT

7'-0" MINIMUM OPERABLE SAFE HEIGHT

DIMENSIONS: 20" W. (FRONT-TO-FRONT) x 10" H. (PLUS STAND)

FINISHES: POWDER-COATED FLAT BLACK LOUVERS & WHITE ALUMINUM BOTTOM COVERS

ELECTRICAL REQUIREMENTS: 120V THRU 250V/50-60Hz/1.0A; 9'-0" 3-WIRE CORD PROVIDED

LAMPS: (4) PL-L18W TUV (0.6A to 0.3A) or PL-L35W TUV (1.2A to 0.6A)

UV WATTS: 22 UV WATTS (18W) or 44 UV WATTS (35W)

NOMINAL WATTS: 72 WATTS or 140 WATTS

RAISE UVC UNIT NO LOWER THAN 7' 0" ABOVE FINISHED FLOOR.

ON/OFF TOGGLE SWITCH & INTEGRAL SAFETY SWITCH



STAND IS COLLAPSIBLE & UVC UNIT IS REMOVABLE FOR EASY PORTABILITY.

