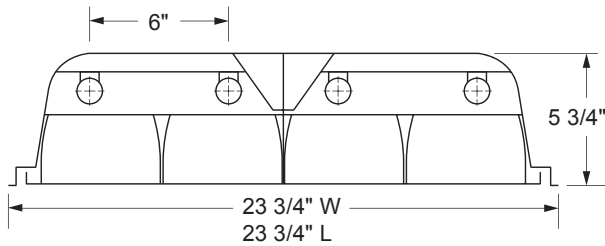
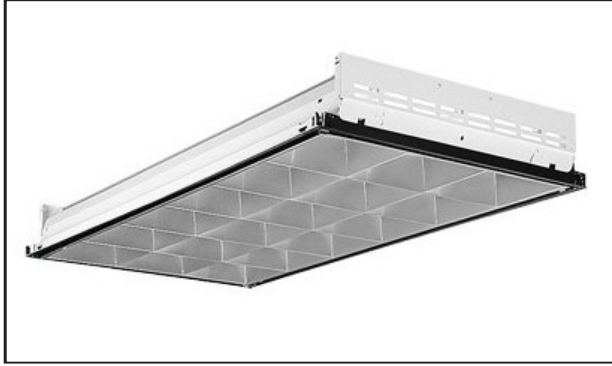


UPT

UV-C 254nm Disinfection
Recessed Parabolic Troffer



SPECIFICATIONS

DESCRIPTION

The UPT is a recessed germicidal parabolic troffer designed and engineered to safely disinfect. Utilizing the latest in powerful germicidal UV technology, the UPT disinfects fast. Available in 2x2, and 2x4 sizes.

OPEN DESIGN

Completely open design for maximum UV-C distribution. Parabolic louvers give an aesthetic appeal while still allowing for an open lamp design. Louvers are engineered to help control the UV-C output in a focus area for efficiency.

UV-C RADIATORS

HO germicidal radiators emit a powerful 254nm UV-C output through a quartz enclosure, with a useful life of 9000 hours. 75W HO radiators are used in 2x4 fixtures, and 95W HO radiators are used in 2x2 fixtures.

CONSTRUCTION

Constructed of structurally embossed, die-formed cold roll steel. Wire way covers snap in for easy attachment and removal. Access plate provides top access to wire way. Semi-specular aluminum louvers are available in various cell counts.

FINISH

Housing standard with a baked enamel white finish.

REFLECTOR

Reflector is manufactured of .063" electro polished aluminum specifically engineered to maximize the reflectance of UV light.

SAFEGUARDS

Occupancy sensor detects motion within disinfection range for immediate shutoff. ADA Compliant audible/visual alerts when the fixture is on.

WARNINGS

DANGER: Risk Group 3 UV product. Sources emit high-power UV radiation that can cause severe injury to skin and eyes. Avoid eye and skin exposure to unshielded product. Use only in spaces without occupants. The device is not approved and/or certified as a medical device by the FDA or any other regulatory body. As such, the device is not intended for and cannot be used to disinfect the surfaces of medical devices or for any medical purposes.

WARRANTY

5 - Year Limited Warranty on housing and electronics. Complete warranty and terms located at: www.aelnow.com/warranty

ORDERING INFORMATION

Example: UPT24-2-18-120-OCA

Series	# of Lamps*	# of Cells	Voltage	Safeguard
UPT22 2x2	2 2 Lamps	2x2	120 120V	OCA Occupancy Sensor + Audible & Visual Alerts
UPT24 2x4	4 4 Lamps	9 9 Cell	277 277V	
		2x4		
		18 18 Cell		

NOTES

*4 Lamp configuration only available in 2x4 fixtures.

UV-C DISINFECTION INFORMATION

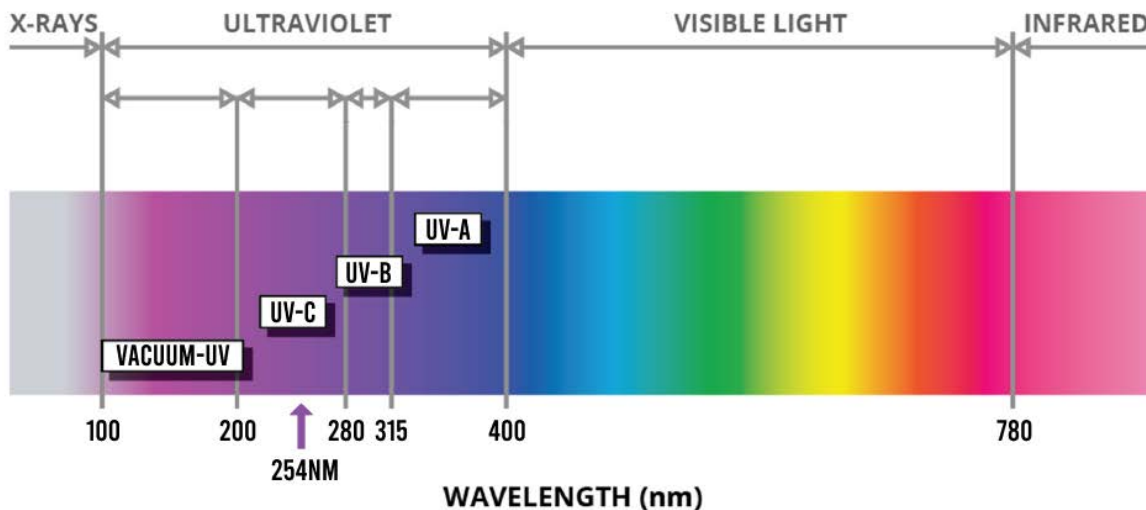
- UV-C has been a proven disinfectant for over 100 years, and has been used extensively for the past 40 years in various applications
- UV-C light has the ability to inactivate pathogens (both viruses and bacteria) by impacting the cellular RNA and DNA, damaging nucleic acids, and preventing microorganisms from infecting and reproducing.
- UV-C light is invisible to the human eye, though our 254nm radiators contain a fluorescent phosphorous additive that illuminates visible light to ensure you know that the radiator is functional
- 254nm UV-C has been proven to be the optimal wavelength to inactivate pathogens
- Disinfection effectiveness is determined by exposure time and exposure dosage
- UV-C has been proven to be an extremely effective air and surface disinfectant
- UV-C disinfects and inactivates bacteria and viruses fast
- UV-C light can potentially pose a safety/health hazard to the skin and eyes. The Advantage UV-C series is built with safeguards to ensure the room is unoccupied while direct UV-C radiators.

How does UV-C destroy microorganisms?



Short-wavelength ultraviolet irradiation kills or inactivates microorganisms by destroying nucleic acids and disrupting their DNA. This leaves the microorganisms unable to perform vital cellular functions, such as infecting and reproducing. The effectiveness of UV-C disinfection depends on the intensity of the radiation, as well as the length of time a microorganism is exposed to the short-wavelength irradiation.

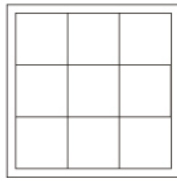
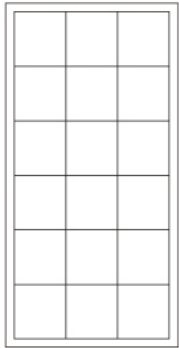
ELECTROMAGNETIC SPECTRUM



Parabolic Louvers

2x4

2x2



(3 x 6)
18 Cell

(3 x 3)
9 Cell

Lamp Information

2x4

2x2



75W HO T8 Radiator
[Click to view spec sheet](#)



95W HO PL-L Radiator
[Click to view spec sheet](#)